COMMITTENTE:

RFI
RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

ALTA SORVEGLIANZA:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

GENERAL CONTRACTOR:

Cepav due

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

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

PROGETTO ESECUTIVO

SLA8 – SOTTOPASSO CICLOPEDONALE PK 105+770,987
RELAZIONE DI CALCOLO SPINTA MONOLITE E ROSTRO

GENERAL CONTRACTOR	DIRETTORE LAVORI
Consorzio Cepav due Consorzio Cepav due Il Direttore del Consorzio (Ing. T. Taranta) Data: 2 9 MAG 2020	Data: ________

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC	OPERA/DISCIPLINA	PROGR	REV
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PROGETTAZIONE

Rev.	Descrizione	Redatto	Data	Verificato	Data	Progettista Integratore	Data	IL PROGETTISTA
A	Emissione	GUIDARTE	05/09/19	AIELLO	05/09/19	LIANI	05/09/19	Data: 05/09/19
B								
C								

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Progetto cofinanziato dalla Unione Europea

Stampato dal Service di plottaggio ITALFERR S.p.A. ALBA s.r.l.

CUP: F81H91000000008

INDICE

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 "SLA8 – Sottopasso ciclopedonale PK 105+770.987", prevista nell'ambito dei lavori inerenti la linea A.V./A.C. TORINO – VENEZIA, tratta MILANO – VERONA, lotto funzionale Brescia – Verona, ubicata al km 105+770.987 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. che fornisce il contrasto al gruppo di martinetti oleodinamici. Il monolite è dotato di un rostro in c.a. contrastato da un puntone in acciaio che verrà 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 puntone.

Per quanto riguarda l'analisi della struttura scatolare del monolite si rimanda al documento **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.

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. 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..

3.1.1. Combinazioni per la verifica allo SLU

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

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

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

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

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

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

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

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

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

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

3.1.2. Combinazioni per la verifica allo SLE

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

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

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

4. CARATTERISTICHE DEI MATERIALI

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

4.1. Calcestruzzo per magrone

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

4.2. Calcestruzzo

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

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

Per la realizzazione del rostro, si prevede l'utilizzo di calcestruzzo avente classe di resistenza C35/45 (Rck ≥45 N/mm^2) che presenta le seguenti caratteristiche:

- Resistenza caratteristica a compressione (cilindrica) $\rightarrow f_{ck} = 0.83 \times R_{ck} = 37.35$ N/mm^2
- Resistenza media a compressione $\rightarrow f_{cm} = f_{ck} + 8 = 45.35$ N/mm^2
- Modulo elastico $\rightarrow E_{cm}=22000 \times (f_{cm}/10)^{0.3} = 34625$ N/mm^2
- Resistenza di calcolo a compressione $\rightarrow f_{cd} = \alpha_{cc} \times f_{ck}/\gamma_c = 0.85^* f_{ck}/1.5 = 21.17$ N/mm^2
- Resistenza a trazione media $\rightarrow f_{ctm} = 0.30 \times f_{ck}^{2/3} = 3.35$ N/mm^2
- Resistenza a trazione $\rightarrow f_{ctk} = 0.7 \times f_{ctm} = 2.346$ N/mm^2
- Resistenza a trazione di calcolo $\rightarrow f_{ctd} = f_{ctk} / \gamma_c = 1.564$ N/mm^2
- Resistenza a compressione (comb. Rara) $\rightarrow \sigma_c = 0.55 \times f_{ck} = 20.54$ N/mm^2
- Resistenza a compressione (comb. Quasi permanente) $\rightarrow \sigma_c = 0.40 \times f_{ck} = 14.94$ N/mm^2

4.3. Acciaio per cemento armato

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

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

- Tensione di snervamento caratteristica → $f_{yk} \geq 450$ N/mm^2
- Tensione caratteristica a rottura → $f_{tk} \geq 540$ N/mm^2
- Tensione in condizione di esercizio (comb. Rara) → $\sigma_s = 0.75 * f_{yk} = 337.50$ N/mm^2
- Fattore di sicurezza acciaio → $\gamma_s = 1.15$
- Resistenza a trazione di calcolo → $f_{yd} = f_{yk} / \gamma_s = 391.30$ N/mm^2

4.4. Durabilità e prescrizioni sui materiali

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

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

Per le opere della presente relazione si adotta quanto segue:

- Platea di varo e muro reggispinta — CLASSE DI ESPOSIZIONE — XC2
- Rostro — CLASSE DI ESPOSIZIONE — XD3 + XC4

4.5. Copriferro minimo e copriferro nominale

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

Il copriferro nominale c_{nom} è somma di due contributi, il copriferro minimo c_{min} e la tolleranza di posizionamento h. Vale pertanto: $c_{nom} = c_{min} + h$. Considerate le condizioni ambientali dell'opera e le classi di resistenza del calcestruzzo, si adotta un copriferro nominale pari a $c_{nom} = 40$ mm per la platea di varo e il muro reggispinta e pari a $c_{nom} = 60$ mm per il rostro.

4.6. Acciaio strutturale

Per il puntone si adotta un acciaio S275, che presenta le seguenti caratteristiche:

- Tensione di snervamento caratteristica $\rightarrow f_{yk} \geq 275$ N/mm^2
- Tensione caratteristica a rottura $\rightarrow f_{tk} \geq 430$ N/mm^2
- Modulo elastico $\rightarrow E = 210000$ N/mm^2
- Fattore di sicurezza acciaio $\rightarrow \gamma_{M0} = 1.05$
- Resistenza a trazione di calcolo $\rightarrow f_{yd} = f_{yk} / \gamma_{M0} = 261.90$ N/mm^2

5. PARAMETRI GEOTECNICI

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

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

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

- $\Phi'_k = 30°$
- $\gamma_m = 20$ kN/m^3
- $\gamma' = 10$ kN/m^3
- $\gamma_w = 10$ kN/m^3

6. FASE DI SPINTA

6.1. 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]	2398.53
coefficiente d'attrito platea-monolite	1.00
Resistenza totale in fase di distacco [kN]	2398.53

- *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.

γ rilevato [kN/mc]	19.00
ϕ rilevato [°]	35.00
$\delta = 2/3\ \phi$ [°]	23.33
S_L superficie laterale [mq]	$71.47 \times 2 = 142.94$
pressione media laterale a riposo [kN/mq]	26.25
R_1 attrito laterale [kN]	1618.53
P_1 peso monolite [kN]	2398.53
Coefficiente d'attrito platea-monolite	1.00 (cautelativo)
R_2 attrito sul fondo	2398.53
Resistenza massima in fase di spinta [kN]	**4017.06**

7. 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 tg (δ) = 0.431, dove δ è pari a 2/3 dell'angolo d'attrito del terreno di fondazione, costituito da sabbia limosa, pari a 35°.

Essendo:

P_m peso monolite [kN]	2398.53
P_p peso platea [kN]	801.09
P_t peso totale [kN]	3199.62
R_m resistenza monolite-platea [kN]	2398.53
R_t resistenza terreno [kN]	1164.56
Trazione platea [kN]	**1233.96**

L'armatura longitudinale prevista sulla platea di varo e ancorata al muro reggispinta è pari a (25+25)ϕ16, corrispondente ad un'area complessiva $A_s = 50 \times 2.01 = 100.53$cmq, con cui si ha:

$T_{Rd} = (50 \times 2.01 \times 10^2) \times (450 / 1.15 / 1000) = 3933.82$ kN > $T_{Ed} = 1233.96 \times 1.5 = 1850.94$ kN.

8. MURO REGGISPINTA

8.1. 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]	4200
Resistenza peso platea [kN]	291.57
Spinta su muro di controspinta [kN]	3908.43

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°, è pari a:

$k_p = 10.20$

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

Larghezza	B = 6.00 m
Altezza	H = 4.30 m

Spinta passiva totale / Spinta su muro controspinta = 2.75 > 1.40

8.2. Verifiche strutturali – direzione verticale

Per il calcolo dell'armatura verticale del muro reggispinta si considera la sezione orizzontale distante 4.30 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 = 671.55 kN/m

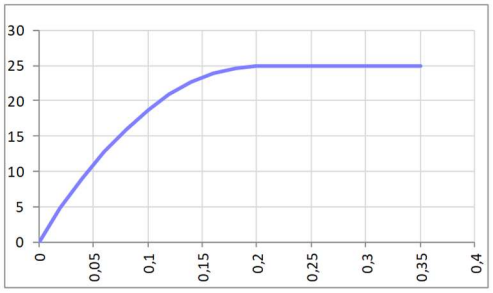
M = 962.56 kNm/m

8.2.1. Caratteristiche della sezione

CARATTERISTICHE MATERIALI

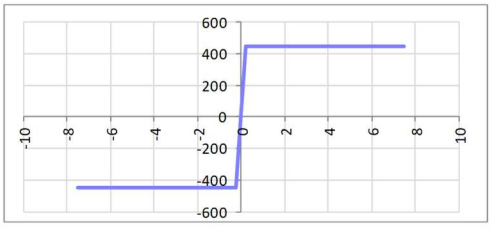
Calcestruzzo:

Classe	C25/30	
R_{ck}	30,00	N/mm^2
f_{ck}	24,90	N/mm^2
f_{cm}	32,90	N/mm^2
f_{ctm}	2,56	N/mm^2
$f_{ctk,0.05}$	1,79	N/mm^2
$f_{ctk,0.95}$	3,33	N/mm^2
f_{cfm}	3,07	N/mm^2
E_{cm}	31447,16	N/mm^2
ε_{c2}	0,200	%
ε_{c3}	0,175	%
ε_{c4}	0,070	%
ε_{cu}	0,350	%
n	2,000	
tipo cemento	N	



Acciaio:

Classe	B450C	
Tipologia comportamer	EL-PL	
$k = (f_t/f_y)_k$	1	
f_{yk}	450	N/mm^2
f_{tk}	540	N/mm^2
E_s	200000	N/mm^2
ε_{su}	7,500	%



Coefficiente di omogenizzazione:

n,breve termine	6,06	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	2,12		
n,lungo termine=	12,83	=Es/Ecm	
n,verifiche QP	15,0	=Es/Ecm	lungo termine
n,verifiche CAR	15,0	=Es/Ecm	breve termine

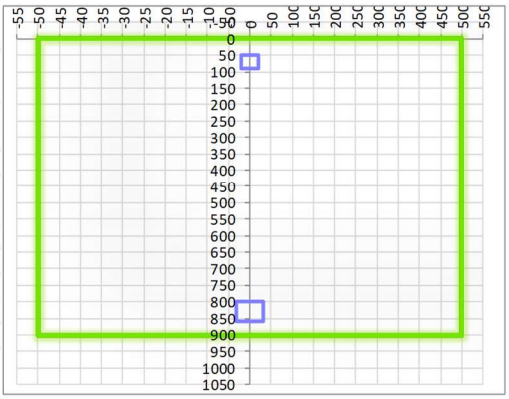
CARATTERISTICHE SEZIONE

Sezione:

B=	1000	mm
H=	900	mm

Armature:

Pos.	n° barre	ø mm	yi mm	As mm^2
1	5	20	70	1570,7963
2	10	22	829	3801,3271
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0



Armatura di ripartizione:

Pos.	n° barre	ø mm	yi mm	As mm^2
superiore	5	20	50	1570,7963
inferiore	5	20	850	1570,7963

8.2.2. *Verifica allo stato limite ultimo per flessione*

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	16,60	N/mm^2	
$f_{ct,eff}$=	2,13	N/mm^2	=f_{ctm} / 1,2

Acciaio

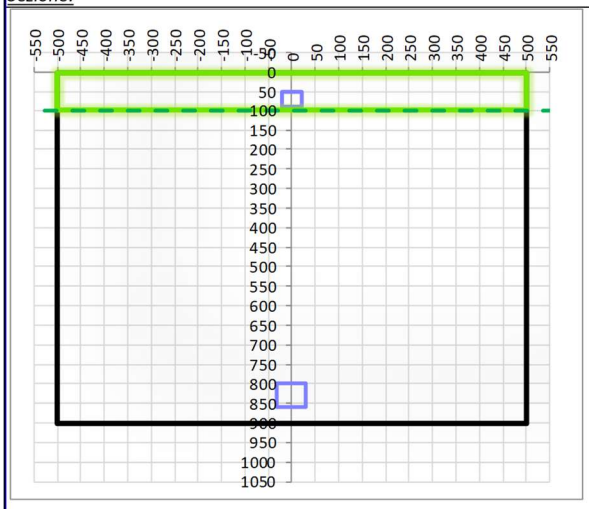
γ_s	1,15		
f_{yd}	391,30	N/mm^2	
ε_{yd}	0,196	%	

STATO LIMITE ULTIMO - PRESSOFLESSIONE

Combinazione	frame/nodo	NSd [kN]	MSd [kNm]
		0,0	962,6

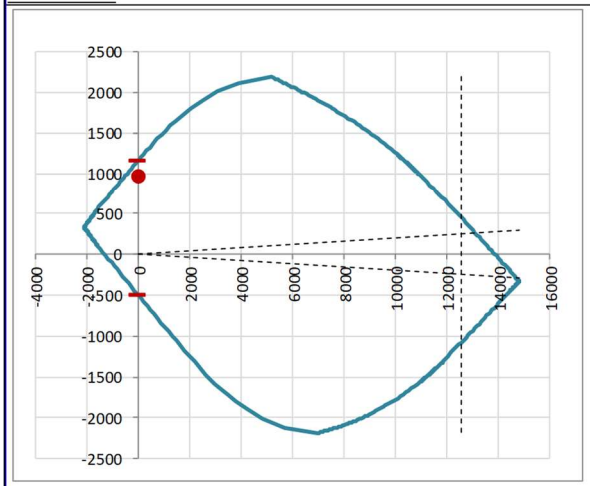
NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd
14801,14	-2102,14	1161,31	-499,56	83%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	14,11	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,53	%
d=	829,00	mm
x=	100,81	mm
x/d=	0,12	

Dominio M-N



Combinazione	fram/nodo	NSd [kN]	MSd [kNm]
0,0	0	0,0	962,6

8.2.3. *Verifica allo stato limite ultimo per taglio*

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

ACCIAIO		
Tipologia	B450C	
Reisitenza caratteristica allo snervamento	450	Mpa

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

GEOMETRIA SEZIONE C.A.				
Base	b	1000	mm	
Altezza	h	900	mm	

Barre tese	*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1	5	20	70	1571
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	1571	mm2
Posizione della barra equivalente	c*	70	mm

SOLLECITAZIONI			
Load Case			
Frame			
Azione assiale (+ di compressione)	N_{Ed}	0	kN
Taglio	V_{Ed}	677	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO			
Altezza utile della sezione	d	830	mm
Coefficiente	k	1,49	
Rapporto di armatura longitudinale	ρl	0,19%	
Tensione assiale media	σ_{cp}	0,00	N/mm2
	0.2 x f_{cd}	2,82	N/mm2
	v_{min}	0,32	N/mm2
Resistenza al taglio minima	$V_{rd,min}$	263,88	kN
Resistenza al taglio senza armatura	**V_{rd}**	**263,88**	**kN**
Verifica		2,57	***E' necessario prevedere armatura a taglio***

ARMATURA A TAGLIO			
Diametro staffe	ϕ	12	mm
Numero braccia	n	5	
Passo staffe	s	200	mm
Inclinazione staffe (rispetto all'orizzontale)	α	90	°
Inclinazione del puntone in calcestruzzo	θ	45	°
Valore minimo di inclinazione del puntone in calcestruzzo	θ_{min}	23,33	°

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/mm2
Area armatura a taglio	A_{st}	565,49	mm2
	σ_{cp}/f_{cd}	0	
Coefficiente di interazione	α_{cw}	1	
Resistenza a tagio per rottura delle armature	**V_{rds}**	**826,47**	**kN**
Resistenza a taglio per rottura del puntone in calcestruzzo	**V_{rcd}**	**2635,04**	**kN**
Resistenza al taglio	**V_{rd}**	**826,47**	**kN**
Verifica		0,82	***Verifica soddisfatta***

8.3. 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:

$q_t = S_B / B = 3908.43 / 6.00 = 651.40$ kN/m

$b = (6.00 – 4.92) / 2 = 0.54$ m

da cui:

$M = 651.40 \times 0.54^2 / 2 = 94.97$ kNm

$V = 651.40 \times 0.54 = 351.76$ 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:

$M^* = M / H = 94.97 / 4.30 = 22.09$ kNm

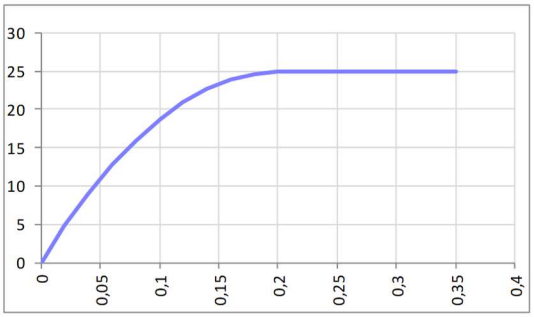
$V^* = V / H = 351.76 / 4.30 = 81.80$ kN/m

8.3.1. Caratteristiche della sezione

CARATTERISTICHE MATERIALI

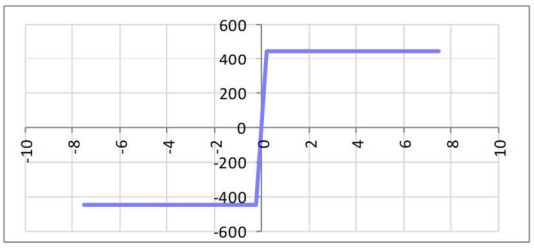
Calcestruzzo:

Classe	C25/30	
R_{ck}	30,00	N/mm^2
f_{ck}	24,90	N/mm^2
f_{cm}	32,90	N/mm^2
f_{ctm}	2,56	N/mm^2
$f_{ctk,0.05}$	1,79	N/mm^2
$f_{ctk,0.95}$	3,33	N/mm^2
f_{cfm}	3,07	N/mm^2
E_{cm}	31447,16	N/mm^2
ε_{c2}	0,200	%
ε_{c3}	0,175	%
ε_{c4}	0,070	%
ε_{cu}	0,350	%
n	2,000	
tipo cemento	N	



Acciaio:

Classe	B450C	
Tipologia comportamer	EL-PL	
k = $(f_t/f_y)_k$	1	
f_{yk}	450	N/mm^2
f_{tk}	540	N/mm^2
E_s	200000	N/mm^2
ε_{su}	7,500	%



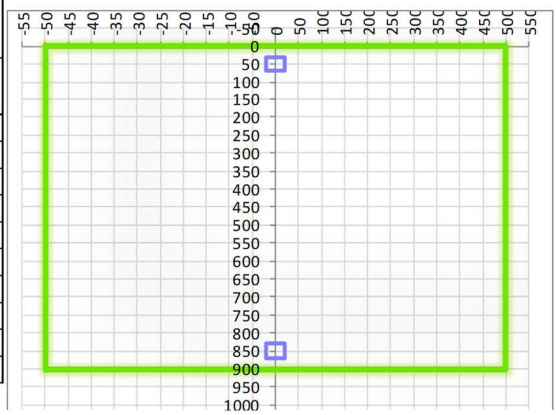
Coefficiente di omogenizzazione:

n,breve termine	6,06	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosit	2,12		
n,lungo termine=	12,83	=Es/Ecm	
n,verifiche QP	15,0	=Es/Ecm	lungo termine
n,verifiche CAR	15,0	=Es/Ecm	breve termine

CARATTERISTICHE SEZIONE

Sezione:

B=	1000	mm
H=	900	mm



Armature:

Pos.	n° barre	ø mm	yi mm	As mm^2
1	5	20	50	*1570,7963*
2	5	20	850	*1570,7963*
3				*0*
4				*0*
5				*0*
6				*0*
7				*0*
8				*0*
9				*0*
10				*0*

8.3.2. *Verifica allo stato limite ultimo per flessione*

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85		
γ_c	1,50		
f_{cd}	16,60	N/mm^2	
$f_{ct,eff}$=	2,13	N/mm^2	=f_{ctm} / 1,2

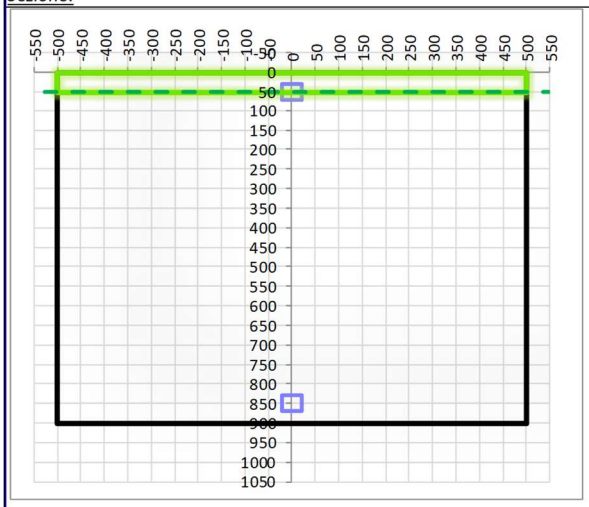
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

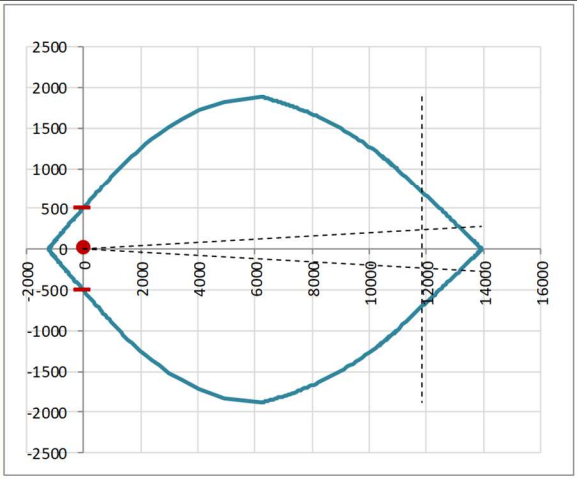
Combinazione	frame/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd
		0,0	22,3	13928,32	-1229,32	508,52	-508,52	4%

Sezione:



Fibre compresse		Superiori
$\sigma_{c,max}$=	14,11	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-5,45	%
d=	850,00	mm
x=	51,33	mm
x/d=	0,06	

Dominio M-N



Combinazione	fram/nodo	NSd [kN]	MSd [kNm]
0,0	0	0,0	22,3

8.3.3. *Verifica allo stato limite ultimo per taglio*

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

ACCIAIO			
Tipologia		B450C	
Reisitenza caratteristica allo snervamento		450	Mpa

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

GEOMETRIA SEZIONE C.A.					
Base	b	1000	mm		
Altezza	h	900	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		5	20	50	1571
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	1571	mm2		
Posizione della barra equivalente	c*	50	mm		

SOLLECITAZIONI			
Load Case			
Frame			
Azione assiale (+ di compressione)	N_{Ed}	0	kN
Taglio	V_{Ed}	82,47	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO			
Altezza utile della sezione	d	850	mm
Coefficiente	k	1,49	
Rapporto di armatura longitudinale	ρl	0,18%	
Tensione assiale media	σ_{cp}	0,00	N/mm2
	0.2 x f_{cd}	2,82	N/mm2
	ν_{min}	0,32	N/mm2
Resistenza al taglio minima	$V_{rd,min}$	268,66	kN
Resistenza al taglio senza armatura	**V_{rd}**	**268,66**	**kN**
Verifica		0,31	***Verifica soddisfatta***

9. SOLETTA MONOLITE

Nel primo metro di soletta inferiore si prevede la disposizione di 18 ϕ 24 disposti trasversalmente.

Si dispongono inoltre una serie di doppie staffe, pari a 1ϕ10/20.

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 × F.

$N_{Rd} = (18 \times 4.52 \times 10^2) \times (450 / 1.15 / 1000) = 3186.39\ kN > N_{Frett} = 4200 / 2 \times 1.5 = 3150\ kN$

10. ANALISI E VERIFICA DEI ROSTRI – FASE DI SPINTA

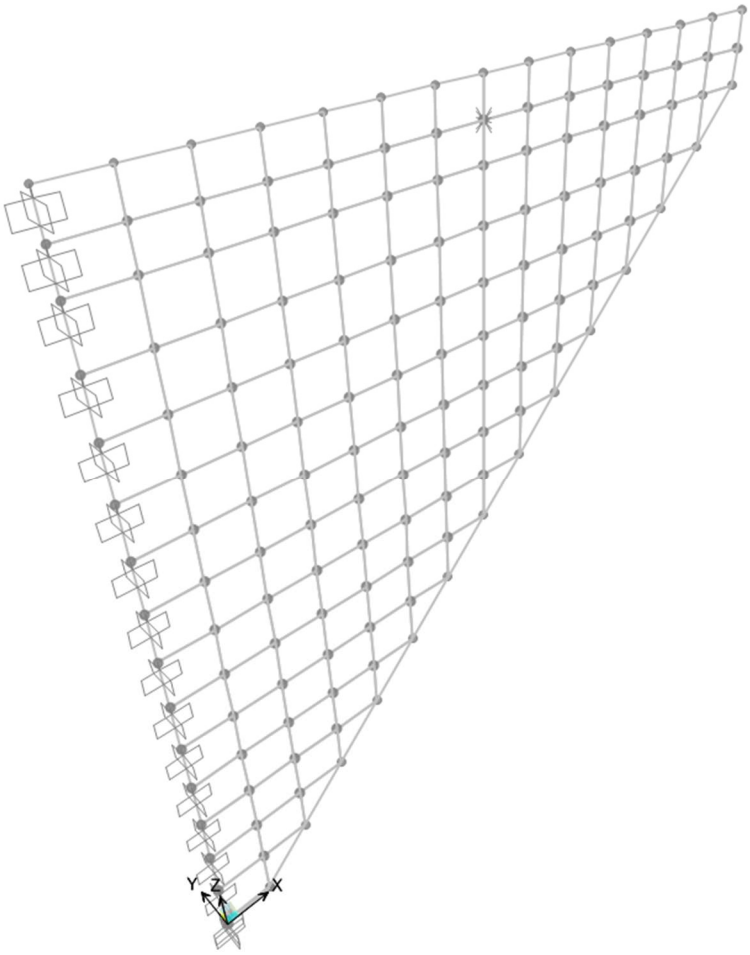
L'analisi dei rostri del monolite è stata condotta con un programma agli elementi finiti (SAP2000), schematizzando una parete verticale con elementi shell mutuamente incastrati, e schematizzando i tre puntoni di contrasto tra i rostri mediante vincoli fissi.

La parete modellata ha un'altezza massima pari a 4.20m in corrispondenza dell'attacco al monolite, un'altezza minima di 0.40m in corrispondenza dell'estremità libera, ed uno sviluppo di 4.05m; lo spessore attribuito agli elementi shell è pari allo spessore della parete (0.40m).

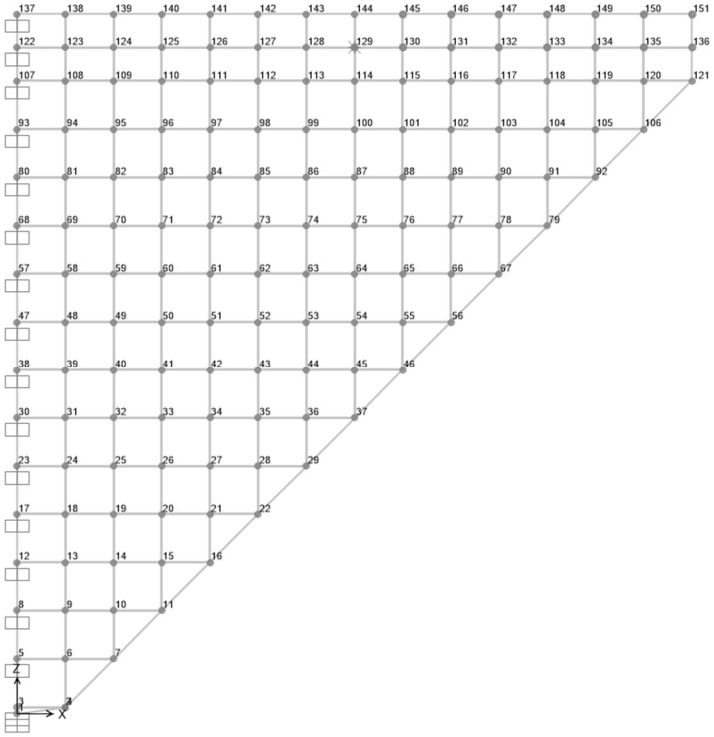
Tale modello viene vincolato mediante l'applicazione di incastri lungo i lati corrispondenti all'attacco della parete ai piedritti dello scatolare e alla fondazione.

La mesh è composta da 133 shell e da 151 nodi.

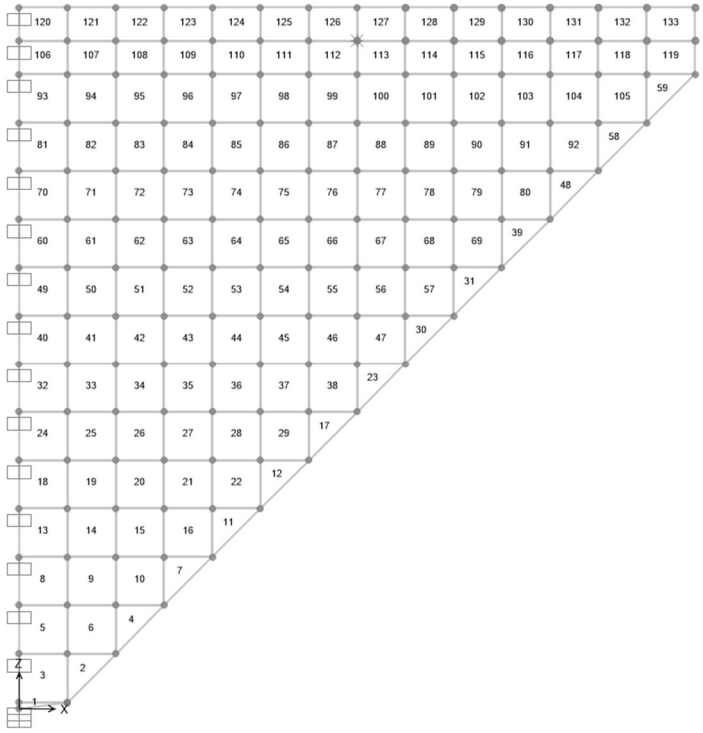
Lo schema statico della struttura e la relativa numerazione dei nodi e delle piastre sono riportati nelle seguenti figure.



Schema statico



Numerazione nodi



Numerazione elementi shell

10.1. 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: $\gamma_{c.a.} = 25$ kN/m³
- rilevato: $\gamma_{ril} = 20$ kN/m³

10.1.1. Peso proprio strutture (Load 1)

- parete rostro $S_s \times \gamma_{c.a.} = 0.40 \times 25.00 =$ **10.00 kN/m²**

10.1.2. 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 ($h_1 = 0.95$m) $= k_0 \times (H_{ric} \times \gamma_t) = 0.50 \times (0.95 \times 20.0) =$ **9.50 kN/m²**

- Pressione al filo inferiore:

  P_2 ($h_2 = 5.15$m) $= k_0 \times (H_{ric} + H_{rostro}) \times \gamma_t = 0.50 \times (0.95+4.20) \times 20.0 =$ **51.50 kN/m²**

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

Si considera a tergo della parete un sovraccarico accidentale di 40 kN/m²; la pressione orizzontale sulla parete dovuta a tale carico è pari a:

$p = q \times k_0 = 40.00 \times 0.50 =$ **20.00 kN/m²**

10.2. Condizioni e combinazioni di carico adottate

Le condizioni elementari di carico considerate sono di seguito riassunte:

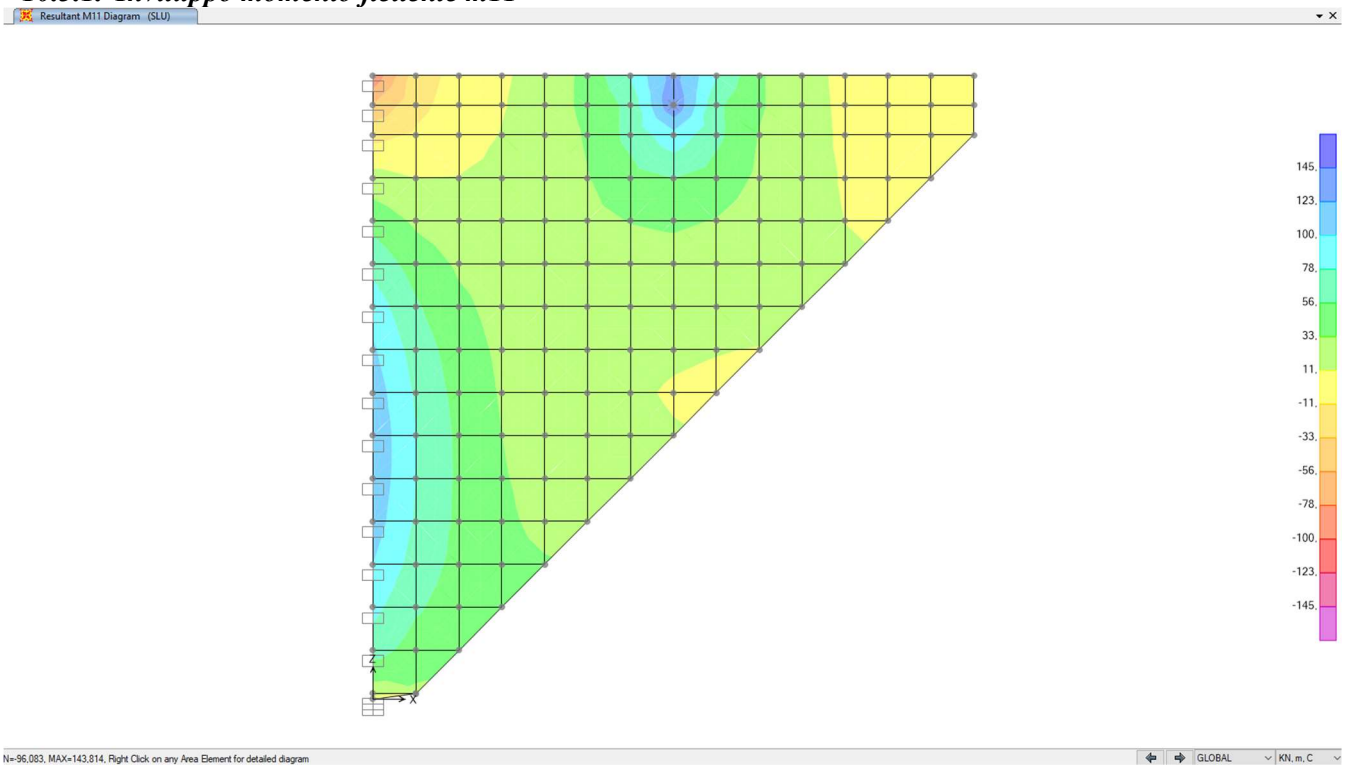
Load	Tipo	Carico
1	Ggk	Peso proprio della struttura
2	Gk	Spinta del terreno in fase di spinta
3	Qk	Spinta sovraccarico a tergo parete in condizioni di spinta

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.

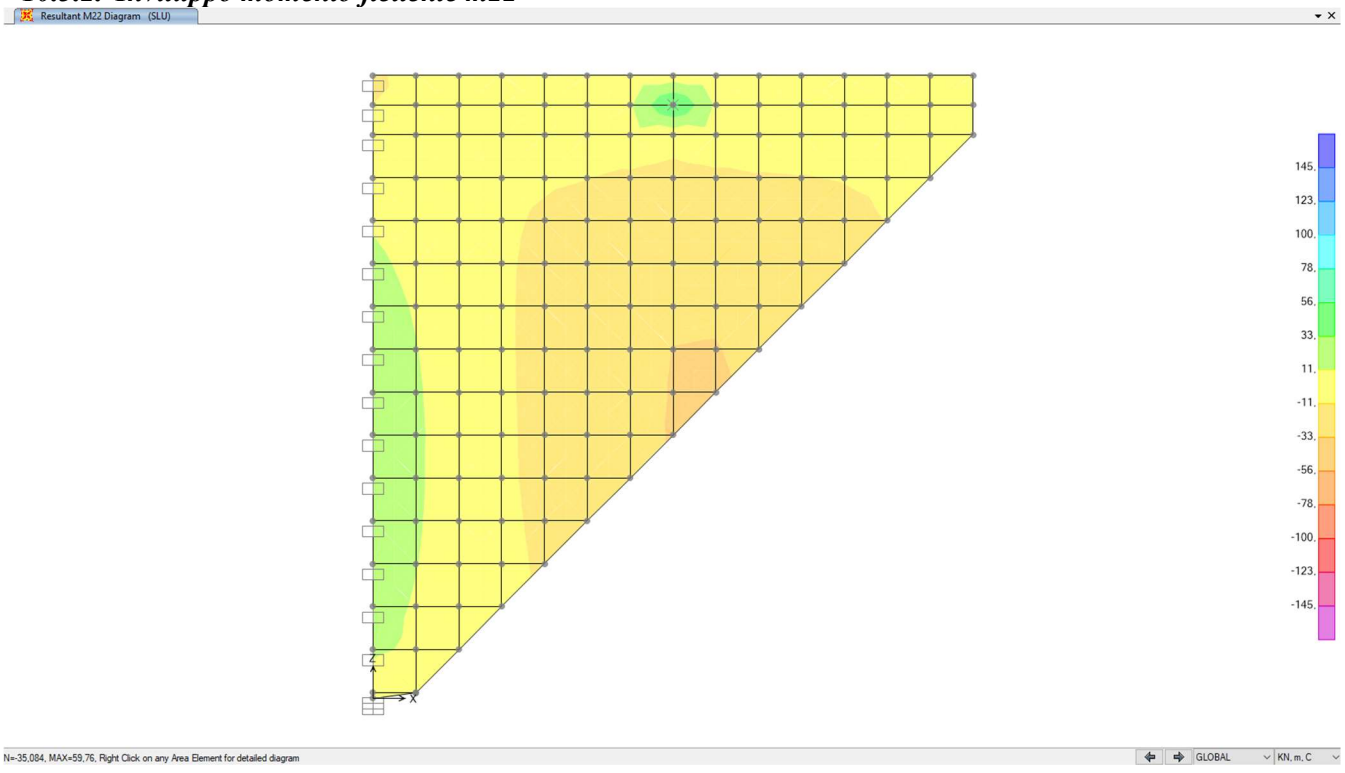
n° CC		P.P	Spinta terreno (spinta)	Spinta sovr. (spinta)
		1	2	3
1	*Fase di spinta*	1	1	1

10.3. Diagrammi di inviluppo rostro

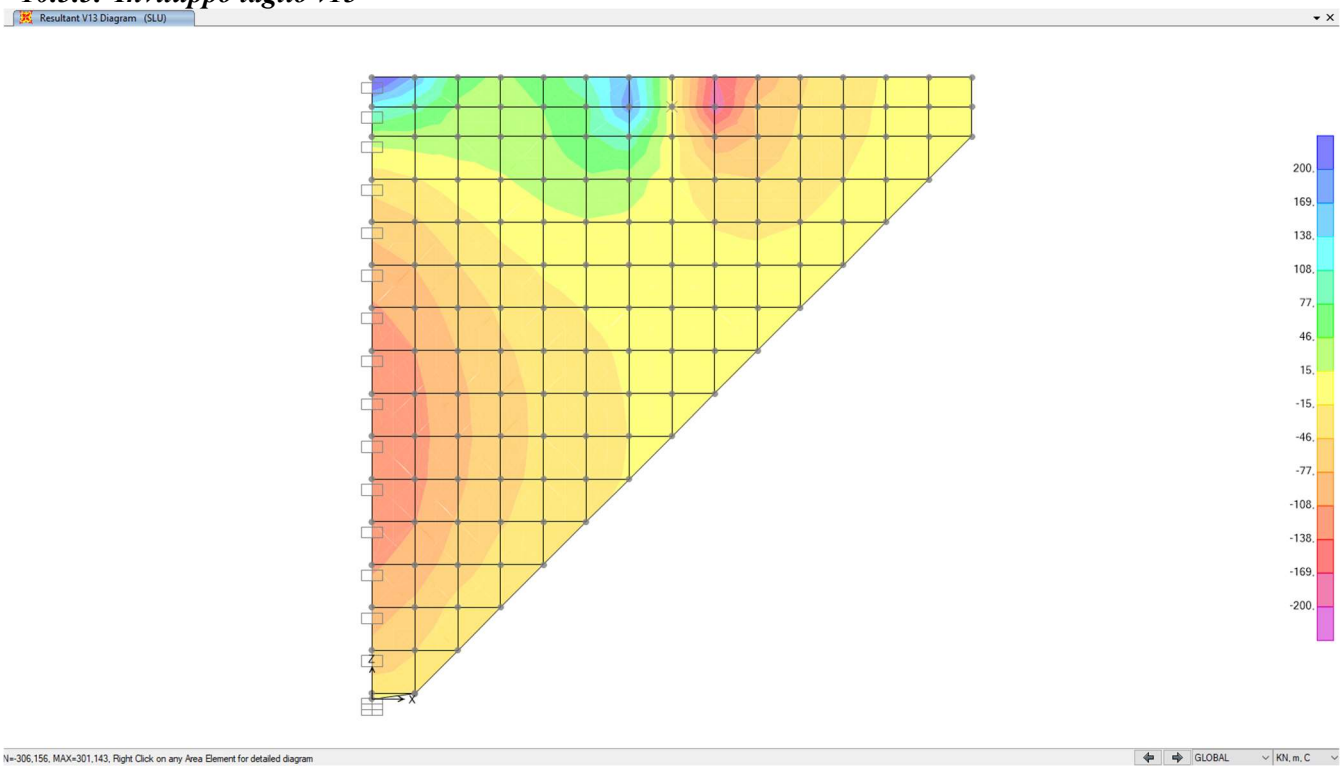
10.3.1. Inviluppo momento flettente m11



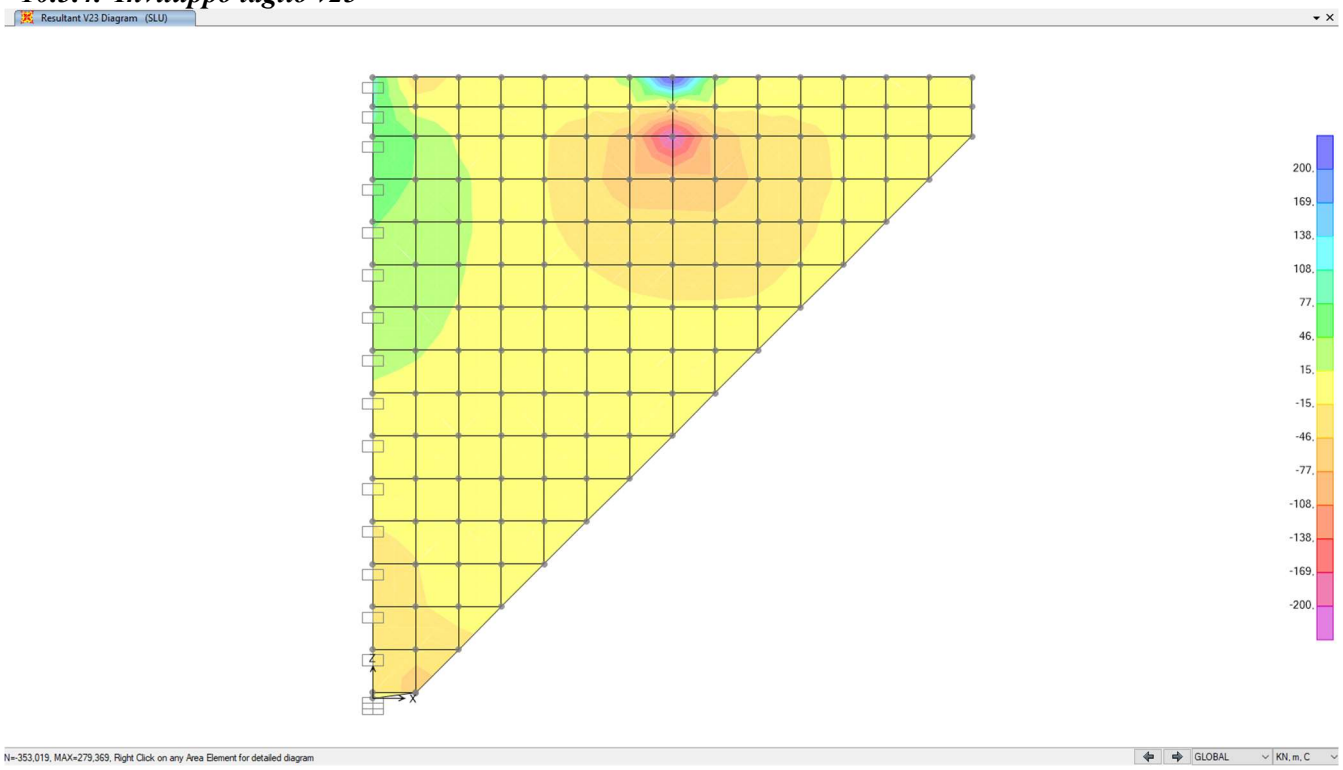
10.3.2. Inviluppo momento flettente m22



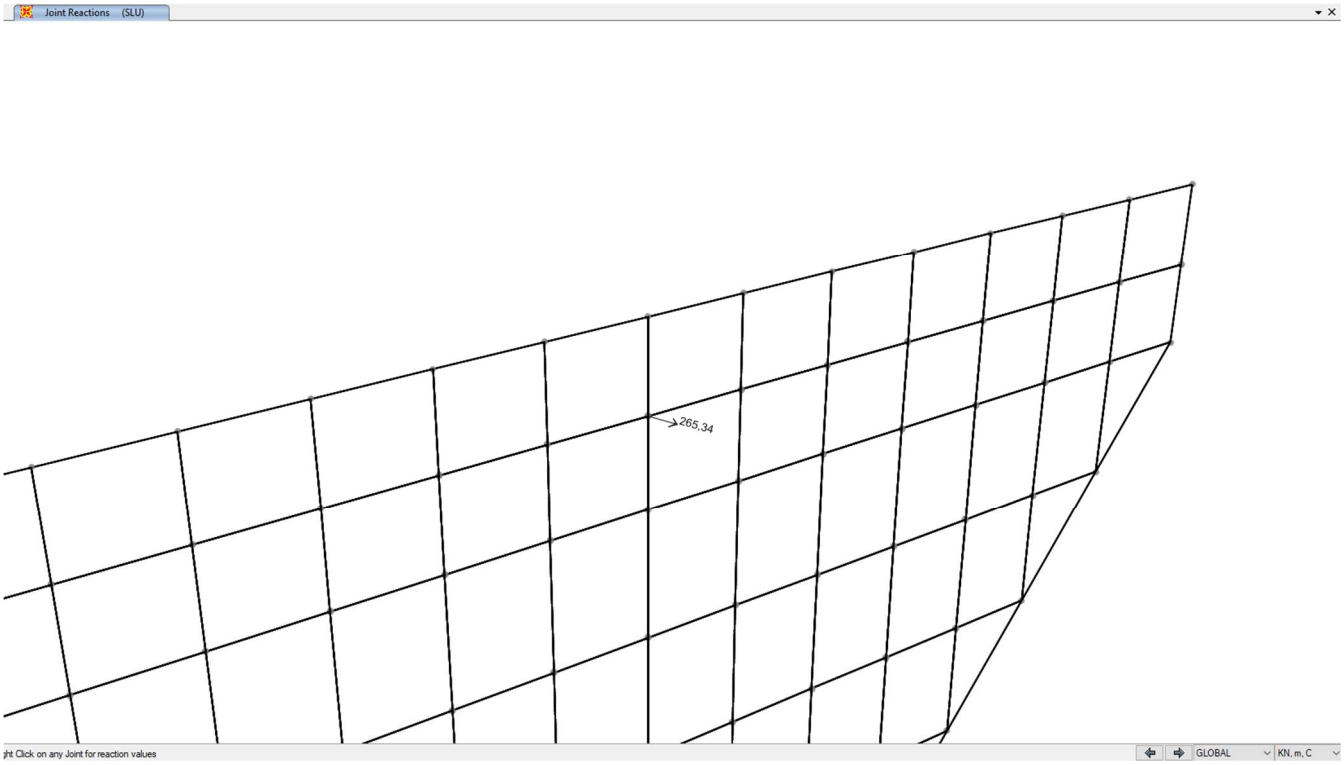
10.3.3. Inviluppo taglio v13



10.3.4. Inviluppo taglio v23



10.3.5. Reazione puntoni



10.4. Verifiche di resistenza ultima

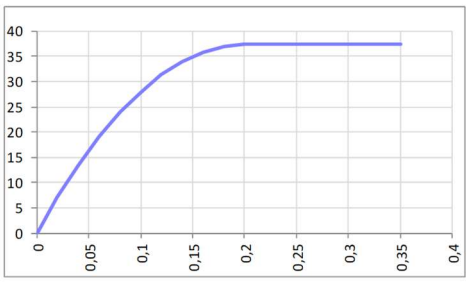
Di seguito si riportano le verifiche delle sezioni più significative. I calcoli di verifica sono effettuati con il metodo degli Stati Limite, applicando il combinato D. M.14.01.2008 con l'UNI EN 1992 (Eurocodice 2).

10.4.1. Caratteristiche della sezione

CARATTERISTICHE MATERIALI

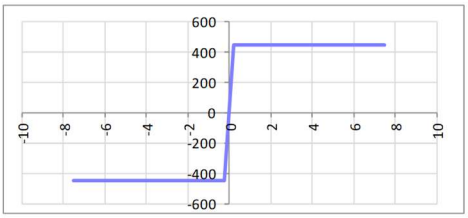
Calcestruzzo:

Classe	C35/45	
R_{ck}	45,00	N/mm²
f_{ck}	37,35	N/mm²
f_{cm}	45,35	N/mm²
f_{ctm}	3,35	N/mm²
$f_{ctk,0.05}$	2,35	N/mm²
$f_{ctk,0.95}$	4,36	N/mm²
f_{cfm}	4,02	N/mm²
E_{cm}	34625,49	N/mm²
ε_{c2}	0,200	%
ε_{c3}	0,175	%
ε_{c4}	0,070	%
ε_{cu}	0,350	%
n	2,000	
tipo cemento	N	



Acciaio:

Classe	B450C	
Tipologia comportamer	EL-PL	
$k = (f_t/f_y)_k$	1	
f_{yk}	450	N/mm²
f_{tk}	540	N/mm²
E_s	200000	N/mm²
ε_{su}	7,500	%



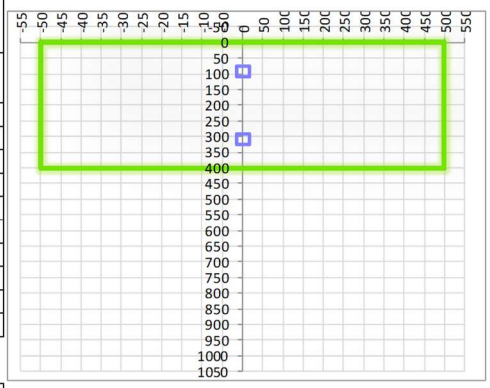
Coefficiente di omogenizzazione:

n,breve termine	5,50	=Es/Ec	
umidità relativa	75	%	
giorno app. carico	15	giorni	
periodo lungo termine	50	anni	
coefficiente di viscosità	1,96		
n,lungo termine=	10,77	=Es/Ecm	
n,verifiche QP	15,0	=Es/Ecm	lungo termine
n,verifiche CAR	15,0	=Es/Ecm	breve termine

CARATTERISTICHE SEZIONE

Sezione:

B=	1000	mm
H=	400	mm



Armature:

Pos.	n° barre	ø mm	yi mm	As mm²
1	5	16	92	1005,3096
2	5	16	308	1005,3096
3				0
4				0
5				0
6				0
7				0
8				0
9				0
10				0

Armatura di ripartizione:

Pos.	n° barre	ø mm	yi mm	As mm²
superiore	5	16	76	1005,3096
inferiore	5	16	324	1005,3096

10.4.2. Verifiche allo stato limite ultimo per flessione m11

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85	
γ_c	1,50	
f_{cd}	24,90 N/mm^2	
$f_{ct,eff}$=	2,79 N/mm^2	=f_{ctm} / 1,2

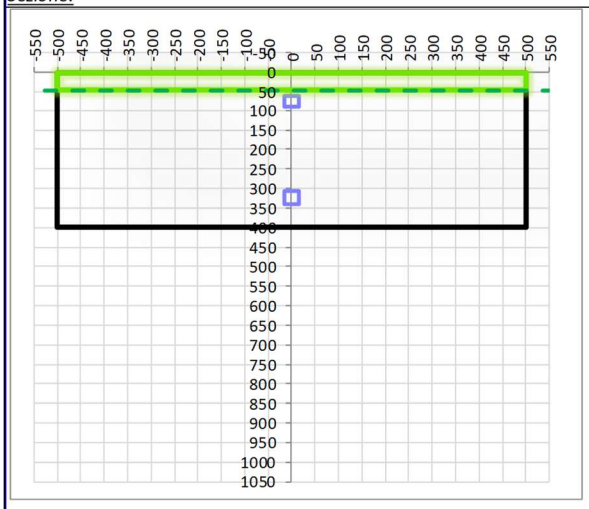
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

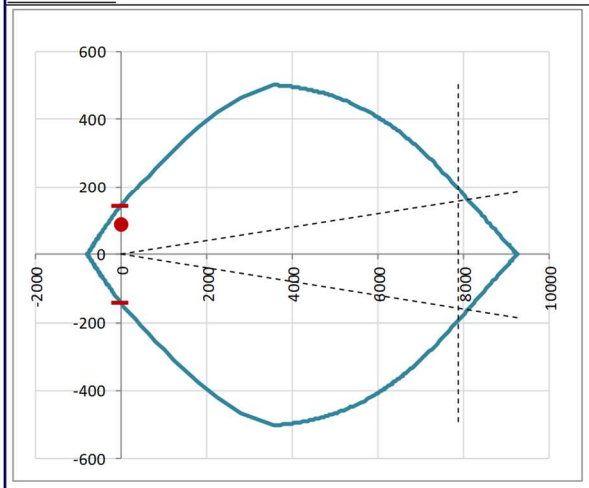
Combinazione	area/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd
SLU	112/129	0,0	88,1	9252,76	-786,76	142,32	-142,32	62%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	21,17	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,12	%
d=	324,00	mm
x=	45,92	mm
x/d=	0,14	

Dominio M-N



Combinazione	fram/nodo	NSd [kN]	MSd [kNm]
SLU	112/129	0,0	88,1

10.4.3. Verifiche allo stato limite ultimo per flessione m22

CRITERI DI VERIFICA

Coefficienti di sicurezza allo SLU

Calcestruzzo

α_{cc}	0,85	
γ_c	1,50	
f_{cd}	24,90 N/mm^2	
$f_{ct,eff}$=	2,79 N/mm^2	=f_{ctm} / 1,2

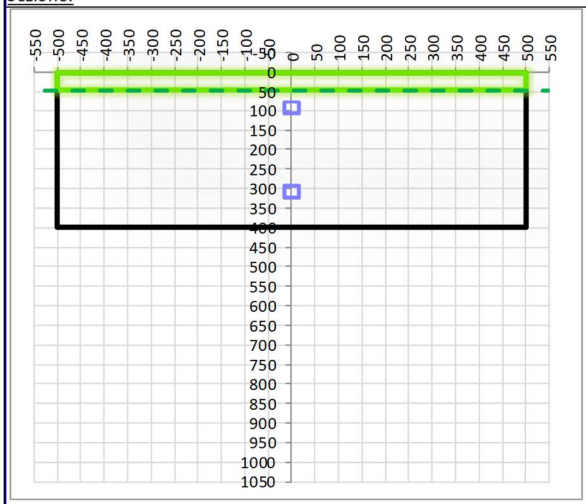
Acciaio

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

STATO LIMITE ULTIMO - PRESSOFLESSIONE

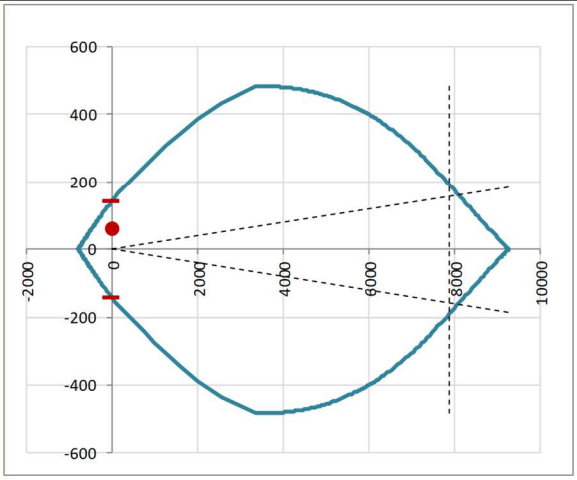
Combinazione	area/nodo	NSd [kN]	MSd [kNm]	NRd+ [kN]	NRd- [kN]	MRd+ [kNm]	MRd- [kNm]	MSd/MRd
SLU	113/129	0,0	59,8	9252,76	-786,76	142,32	-142,32	42%

Sezione:



Fibre compresse		*Superiori*
$\sigma_{c,max}$=	21,17	N/mm^2
$\sigma_{s,min}$=	-391,30	N/mm^2
$\varepsilon_{c,max}$=	0,35	%
$\varepsilon_{s,min}$=	-2,00	%
d=	308,00	mm
x=	45,92	mm
x/d=	0,15	

Dominio M-N



Combinazione	fram/nodo	NSd [kN]	MSd [kNm]
SLU	113/129	0,0	59,8

10.4.4. Verifiche allo stato limite ultimo taglio

CALCESTRUZZO			
Calsse calcestruzzo		C35/45	
Resistenza cubica caratteristica	Rck	45,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	37,35	Mpa

ACCIAIO			
Tipologia		B450C	
Reisitenza caratteristica allo snervamento		450	Mpa

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

GEOMETRIA SEZIONE C.A.					
Base	b	1000	mm		
Altezza	h	400	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		5	16	76	1005
strato2		0	0	0	0
strato3		0	0	0	0
strato4		0	0	0	0
strato5		0	0	0	0
Area barre tese	A_s	1005	mm2		
Posizione della barra equivalente	c*	76	mm		

SOLLECITAZIONI			
Load Case		SLU	
Area/nodo		32/31	
Azione assiale (+ di compressione)	N_{Ed}	0	kN
Taglio	V_{Ed}	138,66	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO			
Altezza utile della sezione	d	324	mm
Coefficiente	k	1,79	
Rapporto di armatura longitudinale	ρl	0,31%	
Tensione assiale media	σ_{cp}	0,00	N/mm2
	0.2 x f_{cd}	4,23	N/mm2
	ν_{min}	0,51	N/mm2
Resistenza al taglio minima	$V_{rd,min}$	165,37	kN
Resistenza al taglio senza armatura	**V_{rd}**	**165,37**	**kN**
Verifica		0,84	***Verifica soddisfatta***

10.4.1. Verifica a punzonamento

CALCESTRUZZO			
Calsse calcestruzzo		C35/45	
Resistenza cubica caratteristica	Rck	45,00	Mpa
Resistenza cilindrica caratteristica	f_{ck}	37,35	Mpa

ACCIAIO		
Tipologia	B450C	
Reisitenza caratteristica allo snervamento	450	Mpa

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

GEOMETRIA SEZIONE C.A.					
Base	b	2150	mm		
Altezza	h	400	mm		
Barre tese		*numero barre*	*diametro barre [mm]*	*copriferro in asse barra [mm]*	*Area barre [mm2]*
strato1		13	16	60	2614
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	2614	mm2		
Posizione della barra equivalente	c*	60	mm		

SOLLECITAZIONI			
Load Case			
Frame			
Azione assiale (+ di compressione)	N_{Ed}	0	kN
Taglio	V_{Ed}	265,34	kN

VERIFICA RESISTENZA SEZIONE SENZA ARMATURA A TAGLIO			
Altezza utile della sezione	d	340	mm
Coefficiente	k	1,77	
Rapporto di armatura longitudinale	ρl	0,36%	
Tensione assiale media	σ_{cp}	0,00	N/mm2
	0.2 x f_{cd}	4,23	N/mm2
	ν_{min}	0,50	N/mm2
Resistenza al taglio minima	$V_{rd,min}$	367,26	kN
Resistenza al taglio senza armatura	**V_{rd}**	**367,74**	**kN**
Verifica		0,72	***Verifica soddisfatta***

10.5. Verifiche di resistenza puntoni

La sollecitazione in corrispondenza del puntone risulta pari a:

N_{SLU} = 265.34 kN

La sezione del puntone di diametro 168.3mm e spessore pari a 4.5mm presenta le seguenti proprietà geometriche:

- J = 777 cm^4
- W = 92.40 cm^3
- A = 23.20 cm^2

Considerando una lunghezza pari a 3m si ottiene:

- $N_{cr} = \pi^2 EJ / l_0^2$ = 1789 kN
- $\lambda = (A\ f_{yk} / N_{cr})^{0.5}$ = 0.597
- $\phi = 0.5\ [1 + \alpha\ (\lambda - 0.2) + \lambda^2]$ = 0.7199
- $\chi = 1 / \phi + (\phi^2 - \lambda^2)^{0.5}$ = 0.891

da cui:

- $N_{b,Rd} = \chi\ A\ f_{yk}\ / \gamma_{M1}$ = 516 kN > N_{SLU} = 265.34 kN.

11. RIFERIMENTI

11.1. Documenti referenziati

Rif. [1] Cepav due, documento n° IN0R 12 E E2 RB SLA8 00 001, intitolato “SLA8 - SOTTOPASSO CICLOPEDONALE PK 105+770,987 - RELAZIONE GEOTECNICA”.

Rif. [2] Cepav due, documento n° IN0R 12 E E2 CL SLA8 00 001, intitolato “SLA8 - SOTTOPASSO CICLOPEDONALE PK 105+770,987 - RELAZIONE DI CALCOLO SCATOLARI”.

11.2. Documenti correlati

Non sono presenti documenti correlati.

11.3. Documenti superati

Non sono presenti documenti superati.

12. ALLEGATI

All. [1] Documento intitolato “Tabulati di calcolo – Rostro”

ALLEGATO 1

TITOLO	Tabulati di calcolo – Rostro
TIPO DI DOCUMENTO:	Documento – Formato A4
CODIFICA:	-
PAGINE:	108
DATA:	05/09/19
SORGENTE:	Cepav due
NOTE:	

Table: Area Loads - Surface Pressure

Table: Area Loads - Surface Pressure

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

Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressure KN/m2	JtPattern
101	SACC	Top	-20	None
100	STERRA	Top	-1	sterra
100	SACC	Top	-20	None
99	STERRA	Top	-1	sterra
99	SACC	Top	-20	None
98	STERRA	Top	-1	sterra
98	SACC	Top	-20	None
97	STERRA	Top	-1	sterra
97	SACC	Top	-20	None
96	STERRA	Top	-1	sterra
96	SACC	Top	-20	None
95	STERRA	Top	-1	sterra
95	SACC	Top	-20	None
94	STERRA	Top	-1	sterra
94	SACC	Top	-20	None
93	STERRA	Top	-1	sterra
93	SACC	Top	-20	None
58	STERRA	Top	-1	sterra
58	SACC	Top	-20	None
92	STERRA	Top	-1	sterra
92	SACC	Top	-20	None
91	STERRA	Top	-1	sterra
91	SACC	Top	-20	None
90	STERRA	Top	-1	sterra
90	SACC	Top	-20	None
89	STERRA	Top	-1	sterra
89	SACC	Top	-20	None
88	STERRA	Top	-1	sterra
88	SACC	Top	-20	None
87	STERRA	Top	-1	sterra
87	SACC	Top	-20	None
86	STERRA	Top	-1	sterra
86	SACC	Top	-20	None
85	STERRA	Top	-1	sterra
85	SACC	Top	-20	None
84	STERRA	Top	-1	sterra
84	SACC	Top	-20	None
83	STERRA	Top	-1	sterra
83	SACC	Top	-20	None
82	STERRA	Top	-1	sterra
82	SACC	Top	-20	None
81	STERRA	Top	-1	sterra
81	SACC	Top	-20	None
48	STERRA	Top	-1	sterra
48	SACC	Top	-20	None
80	STERRA	Top	-1	sterra
80	SACC	Top	-20	None
79	STERRA	Top	-1	sterra
79	SACC	Top	-20	None
78	STERRA	Top	-1	sterra
78	SACC	Top	-20	None
77	STERRA	Top	-1	sterra
77	SACC	Top	-20	None
76	STERRA	Top	-1	sterra
76	SACC	Top	-20	None
75	STERRA	Top	-1	sterra
75	SACC	Top	-20	None
74	STERRA	Top	-1	sterra
74	SACC	Top	-20	None
73	STERRA	Top	-1	sterra
73	SACC	Top	-20	None
72	STERRA	Top	-1	sterra
72	SACC	Top	-20	None
71	STERRA	Top	-1	sterra
71	SACC	Top	-20	None
70	STERRA	Top	-1	sterra
70	SACC	Top	-20	None
39	STERRA	Top	-1	sterra

Table: Area Loads - Surface Pressure

Area	LoadPat	Face	Pressure KN/m2	JtPattern
39	SACC	Top	-20	None
69	STERRA	Top	-1	sterra
69	SACC	Top	-20	None
68	STERRA	Top	-1	sterra
68	SACC	Top	-20	None
67	STERRA	Top	-1	sterra
67	SACC	Top	-20	None
66	STERRA	Top	-1	sterra
66	SACC	Top	-20	None
65	STERRA	Top	-1	sterra
65	SACC	Top	-20	None
64	STERRA	Top	-1	sterra
64	SACC	Top	-20	None
63	STERRA	Top	-1	sterra
63	SACC	Top	-20	None
62	STERRA	Top	-1	sterra
62	SACC	Top	-20	None
61	STERRA	Top	-1	sterra
61	SACC	Top	-20	None
60	STERRA	Top	-1	sterra
60	SACC	Top	-20	None
31	STERRA	Top	-1	sterra
31	SACC	Top	-20	None
57	STERRA	Top	-1	sterra
57	SACC	Top	-20	None
56	STERRA	Top	-1	sterra
56	SACC	Top	-20	None
55	STERRA	Top	-1	sterra
55	SACC	Top	-20	None
54	STERRA	Top	-1	sterra
54	SACC	Top	-20	None
53	STERRA	Top	-1	sterra
53	SACC	Top	-20	None
52	STERRA	Top	-1	sterra
52	SACC	Top	-20	None
51	STERRA	Top	-1	sterra
51	SACC	Top	-20	None
50	STERRA	Top	-1	sterra
50	SACC	Top	-20	None
49	STERRA	Top	-1	sterra
49	SACC	Top	-20	None
30	STERRA	Top	-1	sterra
30	SACC	Top	-20	None
47	STERRA	Top	-1	sterra
47	SACC	Top	-20	None
46	STERRA	Top	-1	sterra
46	SACC	Top	-20	None
45	STERRA	Top	-1	sterra
45	SACC	Top	-20	None
44	STERRA	Top	-1	sterra
44	SACC	Top	-20	None
43	STERRA	Top	-1	sterra
43	SACC	Top	-20	None
42	STERRA	Top	-1	sterra
42	SACC	Top	-20	None
41	STERRA	Top	-1	sterra
41	SACC	Top	-20	None
40	STERRA	Top	-1	sterra
40	SACC	Top	-20	None
23	STERRA	Top	-1	sterra
23	SACC	Top	-20	None
38	STERRA	Top	-1	sterra
38	SACC	Top	-20	None
37	STERRA	Top	-1	sterra
37	SACC	Top	-20	None
36	STERRA	Top	-1	sterra
36	SACC	Top	-20	None
35	STERRA	Top	-1	sterra

Table: Area Loads - Surface Pressure

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

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
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

Table: Area Section Assignments

Area	Section	MatProp
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
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

Table: Area Section Properties, Part 1 of 4

Table: Area Section Properties, Part 1 of 4

Section	Material	MatAngle	AreaType	Type	DrillDOF	Thickness	BendThick	Arc
		Degrees				m	m	Degrees
rostro	C35/45	0	Shell	Shell-Thin	Yes	0,4	0,4	

Table: Area Section Properties, Part 2 of 4

Table: Area Section Properties, Part 2 of 4

Section	InComp	CoordSys	Color	TotalWt	TotalMass	F11Mod	F22Mod
				KN	KN-s2/m		
rostro			Magenta	97,861	9,98	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 01/01/2018 00:11:49

Table: Case - Static 1 - Load Assignments

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
DEAD	Load pattern	DEAD	1
STERRA	Load pattern	STERRA	1
SACC	Load pattern	SACC	1

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	F22	F12
						KN/m	KN/m	KN/m
1	1	Shell-Thin	1	DEAD	LinStatic	-0,12	-0,02302	0,75
1	1	Shell-Thin	3	DEAD	LinStatic	0,06592	0,01318	0,75
1	1	Shell-Thin	2	DEAD	LinStatic	0,04919	0,009838	1,28
1	1	Shell-Thin	1	STERRA	LinStatic	0	0	0
1	1	Shell-Thin	3	STERRA	LinStatic	0	0	0
1	1	Shell-Thin	2	STERRA	LinStatic	0	0	0
1	1	Shell-Thin	1	SACC	LinStatic	0	0	0
1	1	Shell-Thin	3	SACC	LinStatic	0	0	0
1	1	Shell-Thin	2	SACC	LinStatic	0	0	0
2	2	Shell-Thin	4	DEAD	LinStatic	-15	-7,54	12,28
2	2	Shell-Thin	6	DEAD	LinStatic	-19,86	-8,51	13,62
2	2	Shell-Thin	7	DEAD	LinStatic	-19,18	-5,14	11,68
2	2	Shell-Thin	4	STERRA	LinStatic	0	0	0
2	2	Shell-Thin	6	STERRA	LinStatic	0	0	0
2	2	Shell-Thin	7	STERRA	LinStatic	0	0	0
2	2	Shell-Thin	4	SACC	LinStatic	0	0	0
2	2	Shell-Thin	6	SACC	LinStatic	0	0	0
2	2	Shell-Thin	7	SACC	LinStatic	0	0	0
3	3	Shell-Thin	4	DEAD	LinStatic	-33,21	-10,1	19,52
3	3	Shell-Thin	3	DEAD	LinStatic	-32,49	-6,5	11,15
3	3	Shell-Thin	5	DEAD	LinStatic	-22,25	-4,45	13,93
3	3	Shell-Thin	6	DEAD	LinStatic	-22,97	-8,05	22,31
3	3	Shell-Thin	4	STERRA	LinStatic	0	0	0
3	3	Shell-Thin	3	STERRA	LinStatic	0	0	0
3	3	Shell-Thin	5	STERRA	LinStatic	0	0	0
3	3	Shell-Thin	6	STERRA	LinStatic	0	0	0
3	3	Shell-Thin	4	SACC	LinStatic	0	0	0
3	3	Shell-Thin	3	SACC	LinStatic	0	0	0
3	3	Shell-Thin	5	SACC	LinStatic	0	0	0
3	3	Shell-Thin	6	SACC	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
4	4	Shell-Thin	7	DEAD	LinStatic	-20	-14,79	19,23
4	4	Shell-Thin	10	DEAD	LinStatic	-20,1	-14,81	18,82
4	4	Shell-Thin	11	DEAD	LinStatic	-20,31	-15,84	18,78
4	4	Shell-Thin	7	STERRA	LinStatic	0	0	0
4	4	Shell-Thin	10	STERRA	LinStatic	0	0	0
4	4	Shell-Thin	11	STERRA	LinStatic	0	0	0
4	4	Shell-Thin	7	SACC	LinStatic	0	0	0
4	4	Shell-Thin	10	SACC	LinStatic	0	0	0
4	4	Shell-Thin	11	SACC	LinStatic	0	0	0
5	5	Shell-Thin	6	DEAD	LinStatic	-23,01	-8,26	25,58
5	5	Shell-Thin	5	DEAD	LinStatic	-22,25	-4,45	13,93
5	5	Shell-Thin	8	DEAD	LinStatic	-22,96	-4,59	15,23
5	5	Shell-Thin	9	DEAD	LinStatic	-23,72	-8,4	26,87
5	5	Shell-Thin	6	STERRA	LinStatic	0	0	0
5	5	Shell-Thin	5	STERRA	LinStatic	0	0	0
5	5	Shell-Thin	8	STERRA	LinStatic	0	0	0
5	5	Shell-Thin	9	STERRA	LinStatic	0	0	0
5	5	Shell-Thin	6	SACC	LinStatic	0	0	0
5	5	Shell-Thin	5	SACC	LinStatic	0	0	0
5	5	Shell-Thin	8	SACC	LinStatic	0	0	0
5	5	Shell-Thin	9	SACC	LinStatic	0	0	0
6	6	Shell-Thin	7	DEAD	LinStatic	-19,61	-15,04	16,84
6	6	Shell-Thin	6	DEAD	LinStatic	-18,05	-7,27	19,08
6	6	Shell-Thin	9	DEAD	LinStatic	-21,72	-8	21,55
6	6	Shell-Thin	10	DEAD	LinStatic	-23,27	-15,77	19,3
6	6	Shell-Thin	7	STERRA	LinStatic	0	0	0
6	6	Shell-Thin	6	STERRA	LinStatic	0	0	0
6	6	Shell-Thin	9	STERRA	LinStatic	0	0	0
6	6	Shell-Thin	10	STERRA	LinStatic	0	0	0
6	6	Shell-Thin	7	SACC	LinStatic	0	0	0
6	6	Shell-Thin	6	SACC	LinStatic	0	0	0
6	6	Shell-Thin	9	SACC	LinStatic	0	0	0
6	6	Shell-Thin	10	SACC	LinStatic	0	0	0
7	7	Shell-Thin	11	DEAD	LinStatic	-22,14	-18,51	21,51
7	7	Shell-Thin	15	DEAD	LinStatic	-21,22	-18,33	20,85
7	7	Shell-Thin	16	DEAD	LinStatic	-21,55	-19,96	21,22
7	7	Shell-Thin	11	STERRA	LinStatic	0	0	0
7	7	Shell-Thin	15	STERRA	LinStatic	0	0	0
7	7	Shell-Thin	16	STERRA	LinStatic	0	0	0
7	7	Shell-Thin	11	SACC	LinStatic	0	0	0
7	7	Shell-Thin	15	SACC	LinStatic	0	0	0
7	7	Shell-Thin	16	SACC	LinStatic	0	0	0
8	8	Shell-Thin	9	DEAD	LinStatic	-23,57	-7,66	27,32
8	8	Shell-Thin	8	DEAD	LinStatic	-22,96	-4,59	15,23
8	8	Shell-Thin	12	DEAD	LinStatic	-23,35	-4,67	16,11
8	8	Shell-Thin	13	DEAD	LinStatic	-23,96	-7,74	28,2
8	8	Shell-Thin	9	STERRA	LinStatic	0	0	0
8	8	Shell-Thin	8	STERRA	LinStatic	0	0	0
8	8	Shell-Thin	12	STERRA	LinStatic	0	0	0
8	8	Shell-Thin	13	STERRA	LinStatic	0	0	0
8	8	Shell-Thin	9	SACC	LinStatic	0	0	0
8	8	Shell-Thin	8	SACC	LinStatic	0	0	0
8	8	Shell-Thin	12	SACC	LinStatic	0	0	0
8	8	Shell-Thin	13	SACC	LinStatic	0	0	0
9	9	Shell-Thin	10	DEAD	LinStatic	-22,42	-11,53	19,84
9	9	Shell-Thin	9	DEAD	LinStatic	-21,57	-7,26	22
9	9	Shell-Thin	13	DEAD	LinStatic	-22,56	-7,46	22,04
9	9	Shell-Thin	14	DEAD	LinStatic	-23,42	-11,73	19,88
9	9	Shell-Thin	10	STERRA	LinStatic	0	0	0
9	9	Shell-Thin	9	STERRA	LinStatic	0	0	0
9	9	Shell-Thin	13	STERRA	LinStatic	0	0	0
9	9	Shell-Thin	14	STERRA	LinStatic	0	0	0
9	9	Shell-Thin	10	SACC	LinStatic	0	0	0
9	9	Shell-Thin	9	SACC	LinStatic	0	0	0
9	9	Shell-Thin	13	SACC	LinStatic	0	0	0
9	9	Shell-Thin	14	SACC	LinStatic	0	0	0
10	10	Shell-Thin	11	DEAD	LinStatic	-20,86	-18,78	19,31
10	10	Shell-Thin	10	DEAD	LinStatic	-19,29	-10,91	19,11

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
10	10	Shell-Thin	14	DEAD	LinStatic	-21,66	-11,38	20,28
10	10	Shell-Thin	15	DEAD	LinStatic	-23,23	-19,25	20,48
10	10	Shell-Thin	11	STERRA	LinStatic	0	0	0
10	10	Shell-Thin	10	STERRA	LinStatic	0	0	0
10	10	Shell-Thin	14	STERRA	LinStatic	0	0	0
10	10	Shell-Thin	15	STERRA	LinStatic	0	0	0
10	10	Shell-Thin	11	SACC	LinStatic	0	0	0
10	10	Shell-Thin	10	SACC	LinStatic	0	0	0
10	10	Shell-Thin	14	SACC	LinStatic	0	0	0
10	10	Shell-Thin	15	SACC	LinStatic	0	0	0
11	11	Shell-Thin	16	DEAD	LinStatic	-23,32	-19,96	22,67
11	11	Shell-Thin	21	DEAD	LinStatic	-21,78	-19,65	21,94
11	11	Shell-Thin	22	DEAD	LinStatic	-22,14	-21,48	22,56
11	11	Shell-Thin	16	STERRA	LinStatic	0	0	0
11	11	Shell-Thin	21	STERRA	LinStatic	0	0	0
11	11	Shell-Thin	22	STERRA	LinStatic	0	0	0
11	11	Shell-Thin	16	SACC	LinStatic	0	0	0
11	11	Shell-Thin	21	SACC	LinStatic	0	0	0
11	11	Shell-Thin	22	SACC	LinStatic	0	0	0
12	12	Shell-Thin	22	DEAD	LinStatic	-23,67	-20,56	23,24
12	12	Shell-Thin	28	DEAD	LinStatic	-21,65	-20,16	22,34
12	12	Shell-Thin	29	DEAD	LinStatic	-22,1	-22,41	23,15
12	12	Shell-Thin	22	STERRA	LinStatic	0	0	0
12	12	Shell-Thin	28	STERRA	LinStatic	0	0	0
12	12	Shell-Thin	29	STERRA	LinStatic	0	0	0
12	12	Shell-Thin	22	SACC	LinStatic	0	0	0
12	12	Shell-Thin	28	SACC	LinStatic	0	0	0
12	12	Shell-Thin	29	SACC	LinStatic	0	0	0
13	13	Shell-Thin	13	DEAD	LinStatic	-23,75	-6,7	28,64
13	13	Shell-Thin	12	DEAD	LinStatic	-23,35	-4,67	16,11
13	13	Shell-Thin	17	DEAD	LinStatic	-22,43	-4,49	16,31
13	13	Shell-Thin	18	DEAD	LinStatic	-22,83	-6,51	28,84
13	13	Shell-Thin	13	STERRA	LinStatic	0	0	0
13	13	Shell-Thin	12	STERRA	LinStatic	0	0	0
13	13	Shell-Thin	17	STERRA	LinStatic	0	0	0
13	13	Shell-Thin	18	STERRA	LinStatic	0	0	0
13	13	Shell-Thin	13	SACC	LinStatic	0	0	0
13	13	Shell-Thin	12	SACC	LinStatic	0	0	0
13	13	Shell-Thin	17	SACC	LinStatic	0	0	0
13	13	Shell-Thin	18	SACC	LinStatic	0	0	0
14	14	Shell-Thin	14	DEAD	LinStatic	-23,08	-10,06	20,39
14	14	Shell-Thin	13	DEAD	LinStatic	-22,35	-6,42	22,48
14	14	Shell-Thin	18	DEAD	LinStatic	-21,88	-6,32	23,03
14	14	Shell-Thin	19	DEAD	LinStatic	-22,61	-9,97	20,94
14	14	Shell-Thin	14	STERRA	LinStatic	0	0	0
14	14	Shell-Thin	13	STERRA	LinStatic	0	0	0
14	14	Shell-Thin	18	STERRA	LinStatic	0	0	0
14	14	Shell-Thin	19	STERRA	LinStatic	0	0	0
14	14	Shell-Thin	14	SACC	LinStatic	0	0	0
14	14	Shell-Thin	13	SACC	LinStatic	0	0	0
14	14	Shell-Thin	18	SACC	LinStatic	0	0	0
14	14	Shell-Thin	19	SACC	LinStatic	0	0	0
15	15	Shell-Thin	15	DEAD	LinStatic	-22,2	-14,09	20,64
15	15	Shell-Thin	14	DEAD	LinStatic	-21,32	-9,71	20,79
15	15	Shell-Thin	19	DEAD	LinStatic	-21,59	-9,77	20,8
15	15	Shell-Thin	20	DEAD	LinStatic	-22,47	-14,15	20,65
15	15	Shell-Thin	15	STERRA	LinStatic	0	0	0
15	15	Shell-Thin	14	STERRA	LinStatic	0	0	0
15	15	Shell-Thin	19	STERRA	LinStatic	0	0	0
15	15	Shell-Thin	20	STERRA	LinStatic	0	0	0
15	15	Shell-Thin	15	SACC	LinStatic	0	0	0
15	15	Shell-Thin	14	SACC	LinStatic	0	0	0
15	15	Shell-Thin	19	SACC	LinStatic	0	0	0
15	15	Shell-Thin	20	SACC	LinStatic	0	0	0
16	16	Shell-Thin	16	DEAD	LinStatic	-21,9	-20,26	20,62
16	16	Shell-Thin	15	DEAD	LinStatic	-20,61	-13,77	20,32
16	16	Shell-Thin	20	DEAD	LinStatic	-21,29	-13,91	20,74
16	16	Shell-Thin	21	DEAD	LinStatic	-22,59	-20,4	21,04

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
16	16	Shell-Thin	16	STERRA	LinStatic	0	0	0
16	16	Shell-Thin	15	STERRA	LinStatic	0	0	0
16	16	Shell-Thin	20	STERRA	LinStatic	0	0	0
16	16	Shell-Thin	21	STERRA	LinStatic	0	0	0
16	16	Shell-Thin	16	SACC	LinStatic	0	0	0
16	16	Shell-Thin	15	SACC	LinStatic	0	0	0
16	16	Shell-Thin	20	SACC	LinStatic	0	0	0
16	16	Shell-Thin	21	SACC	LinStatic	0	0	0
17	17	Shell-Thin	29	DEAD	LinStatic	-23,11	-20,5	23,02
17	17	Shell-Thin	36	DEAD	LinStatic	-20,74	-20,02	21,98
17	17	Shell-Thin	37	DEAD	LinStatic	-21,26	-22,6	22,93
17	17	Shell-Thin	29	STERRA	LinStatic	0	0	0
17	17	Shell-Thin	36	STERRA	LinStatic	0	0	0
17	17	Shell-Thin	37	STERRA	LinStatic	0	0	0
17	17	Shell-Thin	29	SACC	LinStatic	0	0	0
17	17	Shell-Thin	36	SACC	LinStatic	0	0	0
17	17	Shell-Thin	37	SACC	LinStatic	0	0	0
18	18	Shell-Thin	18	DEAD	LinStatic	-22,68	-5,72	29,12
18	18	Shell-Thin	17	DEAD	LinStatic	-22,43	-4,49	16,31
18	18	Shell-Thin	23	DEAD	LinStatic	-20,24	-4,05	16,62
18	18	Shell-Thin	24	DEAD	LinStatic	-20,49	-5,28	29,43
18	18	Shell-Thin	18	STERRA	LinStatic	0	0	0
18	18	Shell-Thin	17	STERRA	LinStatic	0	0	0
18	18	Shell-Thin	23	STERRA	LinStatic	0	0	0
18	18	Shell-Thin	24	STERRA	LinStatic	0	0	0
18	18	Shell-Thin	18	SACC	LinStatic	0	0	0
18	18	Shell-Thin	17	SACC	LinStatic	0	0	0
18	18	Shell-Thin	23	SACC	LinStatic	0	0	0
18	18	Shell-Thin	24	SACC	LinStatic	0	0	0
19	19	Shell-Thin	19	DEAD	LinStatic	-22,26	-8,2	21,07
19	19	Shell-Thin	18	DEAD	LinStatic	-21,73	-5,53	23,32
19	19	Shell-Thin	24	DEAD	LinStatic	-20,02	-5,19	23,36
19	19	Shell-Thin	25	DEAD	LinStatic	-20,56	-7,86	21,12
19	19	Shell-Thin	19	STERRA	LinStatic	0	0	0
19	19	Shell-Thin	18	STERRA	LinStatic	0	0	0
19	19	Shell-Thin	24	STERRA	LinStatic	0	0	0
19	19	Shell-Thin	25	STERRA	LinStatic	0	0	0
19	19	Shell-Thin	19	SACC	LinStatic	0	0	0
19	19	Shell-Thin	18	SACC	LinStatic	0	0	0
19	19	Shell-Thin	24	SACC	LinStatic	0	0	0
19	19	Shell-Thin	25	SACC	LinStatic	0	0	0
20	20	Shell-Thin	20	DEAD	LinStatic	-21,99	-11,77	20,83
20	20	Shell-Thin	19	DEAD	LinStatic	-21,24	-8	20,93
20	20	Shell-Thin	25	DEAD	LinStatic	-19,79	-7,71	21,18
20	20	Shell-Thin	26	DEAD	LinStatic	-20,54	-11,47	21,07
20	20	Shell-Thin	20	STERRA	LinStatic	0	0	0
20	20	Shell-Thin	19	STERRA	LinStatic	0	0	0
20	20	Shell-Thin	25	STERRA	LinStatic	0	0	0
20	20	Shell-Thin	26	STERRA	LinStatic	0	0	0
20	20	Shell-Thin	20	SACC	LinStatic	0	0	0
20	20	Shell-Thin	19	SACC	LinStatic	0	0	0
20	20	Shell-Thin	25	SACC	LinStatic	0	0	0
20	20	Shell-Thin	26	SACC	LinStatic	0	0	0
21	21	Shell-Thin	21	DEAD	LinStatic	-21,59	-15,43	20,87
21	21	Shell-Thin	20	DEAD	LinStatic	-20,81	-11,53	20,91
21	21	Shell-Thin	26	DEAD	LinStatic	-20,05	-11,38	20,68
21	21	Shell-Thin	27	DEAD	LinStatic	-20,83	-15,27	20,64
21	21	Shell-Thin	21	STERRA	LinStatic	0	0	0
21	21	Shell-Thin	20	STERRA	LinStatic	0	0	0
21	21	Shell-Thin	26	STERRA	LinStatic	0	0	0
21	21	Shell-Thin	27	STERRA	LinStatic	0	0	0
21	21	Shell-Thin	21	SACC	LinStatic	0	0	0
21	21	Shell-Thin	20	SACC	LinStatic	0	0	0
21	21	Shell-Thin	26	SACC	LinStatic	0	0	0
21	21	Shell-Thin	27	SACC	LinStatic	0	0	0
22	22	Shell-Thin	22	DEAD	LinStatic	-22,55	-21,06	21,16
22	22	Shell-Thin	21	DEAD	LinStatic	-21,42	-15,39	20,88
22	22	Shell-Thin	27	DEAD	LinStatic	-20,24	-15,16	20,87

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
22	22	Shell-Thin	28	DEAD	LinStatic	-21,37	-20,82	21,16
22	22	Shell-Thin	22	STERRA	LinStatic	0	0	0
22	22	Shell-Thin	21	STERRA	LinStatic	0	0	0
22	22	Shell-Thin	27	STERRA	LinStatic	0	0	0
22	22	Shell-Thin	28	STERRA	LinStatic	0	0	0
22	22	Shell-Thin	22	SACC	LinStatic	0	0	0
22	22	Shell-Thin	21	SACC	LinStatic	0	0	0
22	22	Shell-Thin	27	SACC	LinStatic	0	0	0
22	22	Shell-Thin	28	SACC	LinStatic	0	0	0
23	23	Shell-Thin	37	DEAD	LinStatic	-21,52	-19,65	21,84
23	23	Shell-Thin	45	DEAD	LinStatic	-19	-19,15	20,74
23	23	Shell-Thin	46	DEAD	LinStatic	-19,55	-21,88	21,75
23	23	Shell-Thin	37	STERRA	LinStatic	0	0	0
23	23	Shell-Thin	45	STERRA	LinStatic	0	0	0
23	23	Shell-Thin	46	STERRA	LinStatic	0	0	0
23	23	Shell-Thin	37	SACC	LinStatic	0	0	0
23	23	Shell-Thin	45	SACC	LinStatic	0	0	0
23	23	Shell-Thin	46	SACC	LinStatic	0	0	0
24	24	Shell-Thin	24	DEAD	LinStatic	-20,37	-4,7	29,5
24	24	Shell-Thin	23	DEAD	LinStatic	-20,24	-4,05	16,62
24	24	Shell-Thin	30	DEAD	LinStatic	-16,94	-3,39	16,55
24	24	Shell-Thin	31	DEAD	LinStatic	-17,07	-4,04	29,43
24	24	Shell-Thin	24	STERRA	LinStatic	0	0	0
24	24	Shell-Thin	23	STERRA	LinStatic	0	0	0
24	24	Shell-Thin	30	STERRA	LinStatic	0	0	0
24	24	Shell-Thin	31	STERRA	LinStatic	0	0	0
24	24	Shell-Thin	24	SACC	LinStatic	0	0	0
24	24	Shell-Thin	23	SACC	LinStatic	0	0	0
24	24	Shell-Thin	30	SACC	LinStatic	0	0	0
24	24	Shell-Thin	31	SACC	LinStatic	0	0	0
25	25	Shell-Thin	25	DEAD	LinStatic	-20,3	-6,55	21,28
25	25	Shell-Thin	24	DEAD	LinStatic	-19,91	-4,61	23,43
25	25	Shell-Thin	31	DEAD	LinStatic	-16,86	-4	23,58
25	25	Shell-Thin	32	DEAD	LinStatic	-17,25	-5,94	21,42
25	25	Shell-Thin	25	STERRA	LinStatic	0	0	0
25	25	Shell-Thin	24	STERRA	LinStatic	0	0	0
25	25	Shell-Thin	31	STERRA	LinStatic	0	0	0
25	25	Shell-Thin	32	STERRA	LinStatic	0	0	0
25	25	Shell-Thin	25	SACC	LinStatic	0	0	0
25	25	Shell-Thin	24	SACC	LinStatic	0	0	0
25	25	Shell-Thin	31	SACC	LinStatic	0	0	0
25	25	Shell-Thin	32	SACC	LinStatic	0	0	0
26	26	Shell-Thin	26	DEAD	LinStatic	-20,11	-9,32	20,96
26	26	Shell-Thin	25	DEAD	LinStatic	-19,52	-6,4	21,34
26	26	Shell-Thin	32	DEAD	LinStatic	-16,9	-5,87	21,28
26	26	Shell-Thin	33	DEAD	LinStatic	-17,48	-8,79	20,9
26	26	Shell-Thin	26	STERRA	LinStatic	0	0	0
26	26	Shell-Thin	25	STERRA	LinStatic	0	0	0
26	26	Shell-Thin	32	STERRA	LinStatic	0	0	0
26	26	Shell-Thin	33	STERRA	LinStatic	0	0	0
26	26	Shell-Thin	26	SACC	LinStatic	0	0	0
26	26	Shell-Thin	25	SACC	LinStatic	0	0	0
26	26	Shell-Thin	32	SACC	LinStatic	0	0	0
26	26	Shell-Thin	33	SACC	LinStatic	0	0	0
27	27	Shell-Thin	27	DEAD	LinStatic	-20,36	-12,91	20,44
27	27	Shell-Thin	26	DEAD	LinStatic	-19,62	-9,22	20,57
27	27	Shell-Thin	33	DEAD	LinStatic	-17	-8,7	20,5
27	27	Shell-Thin	34	DEAD	LinStatic	-17,74	-12,38	20,37
27	27	Shell-Thin	27	STERRA	LinStatic	0	0	0
27	27	Shell-Thin	26	STERRA	LinStatic	0	0	0
27	27	Shell-Thin	33	STERRA	LinStatic	0	0	0
27	27	Shell-Thin	34	STERRA	LinStatic	0	0	0
27	27	Shell-Thin	27	SACC	LinStatic	0	0	0
27	27	Shell-Thin	26	SACC	LinStatic	0	0	0
27	27	Shell-Thin	33	SACC	LinStatic	0	0	0
27	27	Shell-Thin	34	SACC	LinStatic	0	0	0
28	28	Shell-Thin	28	DEAD	LinStatic	-20,45	-16,2	20,77
28	28	Shell-Thin	27	DEAD	LinStatic	-19,77	-12,79	20,67

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
28	28	Shell-Thin	34	DEAD	LinStatic	-17,79	-12,4	20,18
28	28	Shell-Thin	35	DEAD	LinStatic	-18,47	-15,8	20,28
28	28	Shell-Thin	28	STERRA	LinStatic	0	0	0
28	28	Shell-Thin	27	STERRA	LinStatic	0	0	0
28	28	Shell-Thin	34	STERRA	LinStatic	0	0	0
28	28	Shell-Thin	35	STERRA	LinStatic	0	0	0
28	28	Shell-Thin	28	SACC	LinStatic	0	0	0
28	28	Shell-Thin	27	SACC	LinStatic	0	0	0
28	28	Shell-Thin	34	SACC	LinStatic	0	0	0
28	28	Shell-Thin	35	SACC	LinStatic	0	0	0
29	29	Shell-Thin	29	DEAD	LinStatic	-22,51	-21,2	20,98
29	29	Shell-Thin	28	DEAD	LinStatic	-21,55	-16,42	20,81
29	29	Shell-Thin	35	DEAD	LinStatic	-18,42	-15,79	20,47
29	29	Shell-Thin	36	DEAD	LinStatic	-19,38	-20,58	20,64
29	29	Shell-Thin	29	STERRA	LinStatic	0	0	0
29	29	Shell-Thin	28	STERRA	LinStatic	0	0	0
29	29	Shell-Thin	35	STERRA	LinStatic	0	0	0
29	29	Shell-Thin	36	STERRA	LinStatic	0	0	0
29	29	Shell-Thin	29	SACC	LinStatic	0	0	0
29	29	Shell-Thin	28	SACC	LinStatic	0	0	0
29	29	Shell-Thin	35	SACC	LinStatic	0	0	0
29	29	Shell-Thin	36	SACC	LinStatic	0	0	0
30	30	Shell-Thin	46	DEAD	LinStatic	-18,97	-17,96	19,69
30	30	Shell-Thin	55	DEAD	LinStatic	-16,55	-17,47	18,63
30	30	Shell-Thin	56	DEAD	LinStatic	-17,07	-20,12	19,6
30	30	Shell-Thin	46	STERRA	LinStatic	0	0	0
30	30	Shell-Thin	55	STERRA	LinStatic	0	0	0
30	30	Shell-Thin	56	STERRA	LinStatic	0	0	0
30	30	Shell-Thin	46	SACC	LinStatic	0	0	0
30	30	Shell-Thin	55	SACC	LinStatic	0	0	0
30	30	Shell-Thin	56	SACC	LinStatic	0	0	0
31	31	Shell-Thin	56	DEAD	LinStatic	-15,74	-15,49	16,76
31	31	Shell-Thin	66	DEAD	LinStatic	-13,59	-15,06	15,81
31	31	Shell-Thin	67	DEAD	LinStatic	-14,07	-17,45	16,67
31	31	Shell-Thin	56	STERRA	LinStatic	0	0	0
31	31	Shell-Thin	66	STERRA	LinStatic	0	0	0
31	31	Shell-Thin	67	STERRA	LinStatic	0	0	0
31	31	Shell-Thin	56	SACC	LinStatic	0	0	0
31	31	Shell-Thin	66	SACC	LinStatic	0	0	0
31	31	Shell-Thin	67	SACC	LinStatic	0	0	0
32	32	Shell-Thin	31	DEAD	LinStatic	-16,97	-3,57	29,45
32	32	Shell-Thin	30	DEAD	LinStatic	-16,94	-3,39	16,55
32	32	Shell-Thin	38	DEAD	LinStatic	-12,54	-2,51	16,5
32	32	Shell-Thin	39	DEAD	LinStatic	-12,58	-2,69	29,4
32	32	Shell-Thin	31	STERRA	LinStatic	0	0	0
32	32	Shell-Thin	30	STERRA	LinStatic	0	0	0
32	32	Shell-Thin	38	STERRA	LinStatic	0	0	0
32	32	Shell-Thin	39	STERRA	LinStatic	0	0	0
32	32	Shell-Thin	31	SACC	LinStatic	0	0	0
32	32	Shell-Thin	30	SACC	LinStatic	0	0	0
32	32	Shell-Thin	38	SACC	LinStatic	0	0	0
32	32	Shell-Thin	39	SACC	LinStatic	0	0	0
33	33	Shell-Thin	32	DEAD	LinStatic	-17,06	-4,99	21,36
33	33	Shell-Thin	31	DEAD	LinStatic	-16,77	-3,53	23,6
33	33	Shell-Thin	39	DEAD	LinStatic	-12,63	-2,7	23,54
33	33	Shell-Thin	40	DEAD	LinStatic	-12,92	-4,16	21,31
33	33	Shell-Thin	32	STERRA	LinStatic	0	0	0
33	33	Shell-Thin	31	STERRA	LinStatic	0	0	0
33	33	Shell-Thin	39	STERRA	LinStatic	0	0	0
33	33	Shell-Thin	40	STERRA	LinStatic	0	0	0
33	33	Shell-Thin	32	SACC	LinStatic	0	0	0
33	33	Shell-Thin	31	SACC	LinStatic	0	0	0
33	33	Shell-Thin	39	SACC	LinStatic	0	0	0
33	33	Shell-Thin	40	SACC	LinStatic	0	0	0
34	34	Shell-Thin	33	DEAD	LinStatic	-17,19	-7,36	20,89
34	34	Shell-Thin	32	DEAD	LinStatic	-16,71	-4,92	21,23
34	34	Shell-Thin	40	DEAD	LinStatic	-12,69	-4,11	21,2
34	34	Shell-Thin	41	DEAD	LinStatic	-13,18	-6,56	20,86

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
34	34	Shell-Thin	33	STERRA	LinStatic	0	0	0
34	34	Shell-Thin	32	STERRA	LinStatic	0	0	0
34	34	Shell-Thin	40	STERRA	LinStatic	0	0	0
34	34	Shell-Thin	41	STERRA	LinStatic	0	0	0
34	34	Shell-Thin	33	SACC	LinStatic	0	0	0
34	34	Shell-Thin	32	SACC	LinStatic	0	0	0
34	34	Shell-Thin	40	SACC	LinStatic	0	0	0
34	34	Shell-Thin	41	SACC	LinStatic	0	0	0
35	35	Shell-Thin	34	DEAD	LinStatic	-17,31	-10,25	20,04
35	35	Shell-Thin	33	DEAD	LinStatic	-16,71	-7,26	20,48
35	35	Shell-Thin	41	DEAD	LinStatic	-13,02	-6,52	20,29
35	35	Shell-Thin	42	DEAD	LinStatic	-13,61	-9,51	19,84
35	35	Shell-Thin	34	STERRA	LinStatic	0	0	0
35	35	Shell-Thin	33	STERRA	LinStatic	0	0	0
35	35	Shell-Thin	41	STERRA	LinStatic	0	0	0
35	35	Shell-Thin	42	STERRA	LinStatic	0	0	0
35	35	Shell-Thin	34	SACC	LinStatic	0	0	0
35	35	Shell-Thin	33	SACC	LinStatic	0	0	0
35	35	Shell-Thin	41	SACC	LinStatic	0	0	0
35	35	Shell-Thin	42	SACC	LinStatic	0	0	0
36	36	Shell-Thin	35	DEAD	LinStatic	-18,06	-13,72	19,74
36	36	Shell-Thin	34	DEAD	LinStatic	-17,37	-10,26	19,85
36	36	Shell-Thin	42	DEAD	LinStatic	-13,51	-9,49	19,49
36	36	Shell-Thin	43	DEAD	LinStatic	-14,2	-12,94	19,38
36	36	Shell-Thin	35	STERRA	LinStatic	0	0	0
36	36	Shell-Thin	34	STERRA	LinStatic	0	0	0
36	36	Shell-Thin	42	STERRA	LinStatic	0	0	0
36	36	Shell-Thin	43	STERRA	LinStatic	0	0	0
36	36	Shell-Thin	35	SACC	LinStatic	0	0	0
36	36	Shell-Thin	34	SACC	LinStatic	0	0	0
36	36	Shell-Thin	42	SACC	LinStatic	0	0	0
36	36	Shell-Thin	43	SACC	LinStatic	0	0	0
37	37	Shell-Thin	36	DEAD	LinStatic	-18,56	-16,51	20,04
37	37	Shell-Thin	35	DEAD	LinStatic	-18	-13,71	19,93
37	37	Shell-Thin	43	DEAD	LinStatic	-14,82	-13,07	19,2
37	37	Shell-Thin	44	DEAD	LinStatic	-15,38	-15,88	19,32
37	37	Shell-Thin	36	STERRA	LinStatic	0	0	0
37	37	Shell-Thin	35	STERRA	LinStatic	0	0	0
37	37	Shell-Thin	43	STERRA	LinStatic	0	0	0
37	37	Shell-Thin	44	STERRA	LinStatic	0	0	0
37	37	Shell-Thin	36	SACC	LinStatic	0	0	0
37	37	Shell-Thin	35	SACC	LinStatic	0	0	0
37	37	Shell-Thin	43	SACC	LinStatic	0	0	0
37	37	Shell-Thin	44	SACC	LinStatic	0	0	0
38	38	Shell-Thin	37	DEAD	LinStatic	-21,6	-20,54	20,05
38	38	Shell-Thin	36	DEAD	LinStatic	-20,89	-16,98	20,07
38	38	Shell-Thin	44	DEAD	LinStatic	-15,88	-15,98	19,4
38	38	Shell-Thin	45	DEAD	LinStatic	-16,6	-19,54	19,39
38	38	Shell-Thin	37	STERRA	LinStatic	0	0	0
38	38	Shell-Thin	36	STERRA	LinStatic	0	0	0
38	38	Shell-Thin	44	STERRA	LinStatic	0	0	0
38	38	Shell-Thin	45	STERRA	LinStatic	0	0	0
38	38	Shell-Thin	37	SACC	LinStatic	0	0	0
38	38	Shell-Thin	36	SACC	LinStatic	0	0	0
38	38	Shell-Thin	44	SACC	LinStatic	0	0	0
38	38	Shell-Thin	45	SACC	LinStatic	0	0	0
39	39	Shell-Thin	67	DEAD	LinStatic	-12,17	-12,48	13,38
39	39	Shell-Thin	78	DEAD	LinStatic	-10,4	-12,12	12,57
39	39	Shell-Thin	79	DEAD	LinStatic	-10,8	-14,16	13,27
39	39	Shell-Thin	67	STERRA	LinStatic	0	0	0
39	39	Shell-Thin	78	STERRA	LinStatic	0	0	0
39	39	Shell-Thin	79	STERRA	LinStatic	0	0	0
39	39	Shell-Thin	67	SACC	LinStatic	0	0	0
39	39	Shell-Thin	78	SACC	LinStatic	0	0	0
39	39	Shell-Thin	79	SACC	LinStatic	0	0	0
40	40	Shell-Thin	39	DEAD	LinStatic	-12,51	-2,37	29,28
40	40	Shell-Thin	38	DEAD	LinStatic	-12,54	-2,51	16,5
40	40	Shell-Thin	47	DEAD	LinStatic	-7,12	-1,42	16,27

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
40	40	Shell-Thin	48	DEAD	LinStatic	-7,1	-1,29	29,06
40	40	Shell-Thin	39	STERRA	LinStatic	0	0	0
40	40	Shell-Thin	38	STERRA	LinStatic	0	0	0
40	40	Shell-Thin	47	STERRA	LinStatic	0	0	0
40	40	Shell-Thin	48	STERRA	LinStatic	0	0	0
40	40	Shell-Thin	39	SACC	LinStatic	0	0	0
40	40	Shell-Thin	38	SACC	LinStatic	0	0	0
40	40	Shell-Thin	47	SACC	LinStatic	0	0	0
40	40	Shell-Thin	48	SACC	LinStatic	0	0	0
41	41	Shell-Thin	40	DEAD	LinStatic	-12,79	-3,51	21,29
41	41	Shell-Thin	39	DEAD	LinStatic	-12,57	-2,38	23,43
41	41	Shell-Thin	48	DEAD	LinStatic	-7,29	-1,32	23,37
41	41	Shell-Thin	49	DEAD	LinStatic	-7,51	-2,45	21,24
41	41	Shell-Thin	40	STERRA	LinStatic	0	0	0
41	41	Shell-Thin	39	STERRA	LinStatic	0	0	0
41	41	Shell-Thin	48	STERRA	LinStatic	0	0	0
41	41	Shell-Thin	49	STERRA	LinStatic	0	0	0
41	41	Shell-Thin	40	SACC	LinStatic	0	0	0
41	41	Shell-Thin	39	SACC	LinStatic	0	0	0
41	41	Shell-Thin	48	SACC	LinStatic	0	0	0
41	41	Shell-Thin	49	SACC	LinStatic	0	0	0
42	42	Shell-Thin	41	DEAD	LinStatic	-12,98	-5,56	20,67
42	42	Shell-Thin	40	DEAD	LinStatic	-12,56	-3,46	21,18
42	42	Shell-Thin	49	DEAD	LinStatic	-7,48	-2,44	21,08
42	42	Shell-Thin	50	DEAD	LinStatic	-7,9	-4,55	20,56
42	42	Shell-Thin	41	STERRA	LinStatic	0	0	0
42	42	Shell-Thin	40	STERRA	LinStatic	0	0	0
42	42	Shell-Thin	49	STERRA	LinStatic	0	0	0
42	42	Shell-Thin	50	STERRA	LinStatic	0	0	0
42	42	Shell-Thin	41	SACC	LinStatic	0	0	0
42	42	Shell-Thin	40	SACC	LinStatic	0	0	0
42	42	Shell-Thin	49	SACC	LinStatic	0	0	0
42	42	Shell-Thin	50	SACC	LinStatic	0	0	0
43	43	Shell-Thin	42	DEAD	LinStatic	-13,37	-8,27	19,62
43	43	Shell-Thin	41	DEAD	LinStatic	-12,82	-5,53	20,09
43	43	Shell-Thin	50	DEAD	LinStatic	-7,78	-4,52	19,87
43	43	Shell-Thin	51	DEAD	LinStatic	-8,32	-7,26	19,39
43	43	Shell-Thin	42	STERRA	LinStatic	0	0	0
43	43	Shell-Thin	41	STERRA	LinStatic	0	0	0
43	43	Shell-Thin	50	STERRA	LinStatic	0	0	0
43	43	Shell-Thin	51	STERRA	LinStatic	0	0	0
43	43	Shell-Thin	42	SACC	LinStatic	0	0	0
43	43	Shell-Thin	41	SACC	LinStatic	0	0	0
43	43	Shell-Thin	50	SACC	LinStatic	0	0	0
43	43	Shell-Thin	51	SACC	LinStatic	0	0	0
44	44	Shell-Thin	43	DEAD	LinStatic	-13,82	-11,06	18,84
44	44	Shell-Thin	42	DEAD	LinStatic	-13,26	-8,24	19,26
44	44	Shell-Thin	51	DEAD	LinStatic	-8,52	-7,3	18,88
44	44	Shell-Thin	52	DEAD	LinStatic	-9,08	-10,12	18,46
44	44	Shell-Thin	43	STERRA	LinStatic	0	0	0
44	44	Shell-Thin	42	STERRA	LinStatic	0	0	0
44	44	Shell-Thin	51	STERRA	LinStatic	0	0	0
44	44	Shell-Thin	52	STERRA	LinStatic	0	0	0
44	44	Shell-Thin	43	SACC	LinStatic	0	0	0
44	44	Shell-Thin	42	SACC	LinStatic	0	0	0
44	44	Shell-Thin	51	SACC	LinStatic	0	0	0
44	44	Shell-Thin	52	SACC	LinStatic	0	0	0
45	45	Shell-Thin	44	DEAD	LinStatic	-15,04	-14,14	18,47
45	45	Shell-Thin	43	DEAD	LinStatic	-14,45	-11,19	18,66
45	45	Shell-Thin	52	DEAD	LinStatic	-9,51	-10,2	18
45	45	Shell-Thin	53	DEAD	LinStatic	-10,1	-13,15	17,81
45	45	Shell-Thin	44	STERRA	LinStatic	0	0	0
45	45	Shell-Thin	43	STERRA	LinStatic	0	0	0
45	45	Shell-Thin	52	STERRA	LinStatic	0	0	0
45	45	Shell-Thin	53	STERRA	LinStatic	0	0	0
45	45	Shell-Thin	44	SACC	LinStatic	0	0	0
45	45	Shell-Thin	43	SACC	LinStatic	0	0	0
45	45	Shell-Thin	52	SACC	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
45	45	Shell-Thin	53	SACC	LinStatic	0	0	0
46	46	Shell-Thin	45	DEAD	LinStatic	-15,93	-16,23	18,63
46	46	Shell-Thin	44	DEAD	LinStatic	-15,54	-14,24	18,55
46	46	Shell-Thin	53	DEAD	LinStatic	-11,37	-13,4	17,6
46	46	Shell-Thin	54	DEAD	LinStatic	-11,77	-15,39	17,68
46	46	Shell-Thin	45	STERRA	LinStatic	0	0	0
46	46	Shell-Thin	44	STERRA	LinStatic	0	0	0
46	46	Shell-Thin	53	STERRA	LinStatic	0	0	0
46	46	Shell-Thin	54	STERRA	LinStatic	0	0	0
46	46	Shell-Thin	45	SACC	LinStatic	0	0	0
46	46	Shell-Thin	44	SACC	LinStatic	0	0	0
46	46	Shell-Thin	53	SACC	LinStatic	0	0	0
46	46	Shell-Thin	54	SACC	LinStatic	0	0	0
47	47	Shell-Thin	46	DEAD	LinStatic	-19,77	-18,97	18,35
47	47	Shell-Thin	45	DEAD	LinStatic	-19,36	-16,91	18,59
47	47	Shell-Thin	54	DEAD	LinStatic	-12,86	-15,61	17,65
47	47	Shell-Thin	55	DEAD	LinStatic	-13,27	-17,67	17,41
47	47	Shell-Thin	46	STERRA	LinStatic	0	0	0
47	47	Shell-Thin	45	STERRA	LinStatic	0	0	0
47	47	Shell-Thin	54	STERRA	LinStatic	0	0	0
47	47	Shell-Thin	55	STERRA	LinStatic	0	0	0
47	47	Shell-Thin	46	SACC	LinStatic	0	0	0
47	47	Shell-Thin	45	SACC	LinStatic	0	0	0
47	47	Shell-Thin	54	SACC	LinStatic	0	0	0
47	47	Shell-Thin	55	SACC	LinStatic	0	0	0
48	48	Shell-Thin	79	DEAD	LinStatic	-8,47	-9,2	9,81
48	48	Shell-Thin	91	DEAD	LinStatic	-7,11	-8,93	9,16
48	48	Shell-Thin	92	DEAD	LinStatic	-7,43	-10,56	9,7
48	48	Shell-Thin	79	STERRA	LinStatic	0	0	0
48	48	Shell-Thin	91	STERRA	LinStatic	0	0	0
48	48	Shell-Thin	92	STERRA	LinStatic	0	0	0
48	48	Shell-Thin	79	SACC	LinStatic	0	0	0
48	48	Shell-Thin	91	SACC	LinStatic	0	0	0
48	48	Shell-Thin	92	SACC	LinStatic	0	0	0
49	49	Shell-Thin	48	DEAD	LinStatic	-7,05	-1,06	28,92
49	49	Shell-Thin	47	DEAD	LinStatic	-7,12	-1,42	16,27
49	49	Shell-Thin	57	DEAD	LinStatic	-0,64	-0,13	16,01
49	49	Shell-Thin	58	DEAD	LinStatic	-0,56	0,24	28,65
49	49	Shell-Thin	48	STERRA	LinStatic	0	0	0
49	49	Shell-Thin	47	STERRA	LinStatic	0	0	0
49	49	Shell-Thin	57	STERRA	LinStatic	0	0	0
49	49	Shell-Thin	58	STERRA	LinStatic	0	0	0
49	49	Shell-Thin	48	SACC	LinStatic	0	0	0
49	49	Shell-Thin	47	SACC	LinStatic	0	0	0
49	49	Shell-Thin	57	SACC	LinStatic	0	0	0
49	49	Shell-Thin	58	SACC	LinStatic	0	0	0
50	50	Shell-Thin	49	DEAD	LinStatic	-7,44	-2,07	21,1
50	50	Shell-Thin	48	DEAD	LinStatic	-7,24	-1,1	23,23
50	50	Shell-Thin	58	DEAD	LinStatic	-0,88	0,18	23,12
50	50	Shell-Thin	59	DEAD	LinStatic	-1,08	-0,8	20,98
50	50	Shell-Thin	49	STERRA	LinStatic	0	0	0
50	50	Shell-Thin	48	STERRA	LinStatic	0	0	0
50	50	Shell-Thin	58	STERRA	LinStatic	0	0	0
50	50	Shell-Thin	59	STERRA	LinStatic	0	0	0
50	50	Shell-Thin	49	SACC	LinStatic	0	0	0
50	50	Shell-Thin	48	SACC	LinStatic	0	0	0
50	50	Shell-Thin	58	SACC	LinStatic	0	0	0
50	50	Shell-Thin	59	SACC	LinStatic	0	0	0
51	51	Shell-Thin	50	DEAD	LinStatic	-7,8	-4,06	20,43
51	51	Shell-Thin	49	DEAD	LinStatic	-7,4	-2,06	20,94
51	51	Shell-Thin	59	DEAD	LinStatic	-1,12	-0,81	20,77
51	51	Shell-Thin	60	DEAD	LinStatic	-1,52	-2,81	20,25
51	51	Shell-Thin	50	STERRA	LinStatic	0	0	0
51	51	Shell-Thin	49	STERRA	LinStatic	0	0	0
51	51	Shell-Thin	59	STERRA	LinStatic	0	0	0
51	51	Shell-Thin	60	STERRA	LinStatic	0	0	0
51	51	Shell-Thin	50	SACC	LinStatic	0	0	0
51	51	Shell-Thin	49	SACC	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
51	51	Shell-Thin	59	SACC	LinStatic	0	0	0
51	51	Shell-Thin	60	SACC	LinStatic	0	0	0
52	52	Shell-Thin	51	DEAD	LinStatic	-8,17	-6,5	19,01
52	52	Shell-Thin	50	DEAD	LinStatic	-7,68	-4,04	19,73
52	52	Shell-Thin	60	DEAD	LinStatic	-1,62	-2,83	19,48
52	52	Shell-Thin	61	DEAD	LinStatic	-2,12	-5,29	18,76
52	52	Shell-Thin	51	STERRA	LinStatic	0	0	0
52	52	Shell-Thin	50	STERRA	LinStatic	0	0	0
52	52	Shell-Thin	60	STERRA	LinStatic	0	0	0
52	52	Shell-Thin	61	STERRA	LinStatic	0	0	0
52	52	Shell-Thin	51	SACC	LinStatic	0	0	0
52	52	Shell-Thin	50	SACC	LinStatic	0	0	0
52	52	Shell-Thin	60	SACC	LinStatic	0	0	0
52	52	Shell-Thin	61	SACC	LinStatic	0	0	0
53	53	Shell-Thin	52	DEAD	LinStatic	-8,89	-9,19	17,97
53	53	Shell-Thin	51	DEAD	LinStatic	-8,37	-6,54	18,5
53	53	Shell-Thin	61	DEAD	LinStatic	-2,45	-5,36	17,98
53	53	Shell-Thin	62	DEAD	LinStatic	-2,98	-8,01	17,45
53	53	Shell-Thin	52	STERRA	LinStatic	0	0	0
53	53	Shell-Thin	51	STERRA	LinStatic	0	0	0
53	53	Shell-Thin	61	STERRA	LinStatic	0	0	0
53	53	Shell-Thin	62	STERRA	LinStatic	0	0	0
53	53	Shell-Thin	52	SACC	LinStatic	0	0	0
53	53	Shell-Thin	51	SACC	LinStatic	0	0	0
53	53	Shell-Thin	61	SACC	LinStatic	0	0	0
53	53	Shell-Thin	62	SACC	LinStatic	0	0	0
54	54	Shell-Thin	53	DEAD	LinStatic	-9,78	-11,56	17,04
54	54	Shell-Thin	52	DEAD	LinStatic	-9,32	-9,28	17,52
54	54	Shell-Thin	62	DEAD	LinStatic	-3,82	-8,18	16,88
54	54	Shell-Thin	63	DEAD	LinStatic	-4,28	-10,46	16,4
54	54	Shell-Thin	53	STERRA	LinStatic	0	0	0
54	54	Shell-Thin	52	STERRA	LinStatic	0	0	0
54	54	Shell-Thin	62	STERRA	LinStatic	0	0	0
54	54	Shell-Thin	63	STERRA	LinStatic	0	0	0
54	54	Shell-Thin	53	SACC	LinStatic	0	0	0
54	54	Shell-Thin	52	SACC	LinStatic	0	0	0
54	54	Shell-Thin	62	SACC	LinStatic	0	0	0
54	54	Shell-Thin	63	SACC	LinStatic	0	0	0
55	55	Shell-Thin	54	DEAD	LinStatic	-11,48	-13,93	16,54
55	55	Shell-Thin	53	DEAD	LinStatic	-11,05	-11,82	16,83
55	55	Shell-Thin	63	DEAD	LinStatic	-5,44	-10,69	15,88
55	55	Shell-Thin	64	DEAD	LinStatic	-5,86	-12,81	15,6
55	55	Shell-Thin	54	STERRA	LinStatic	0	0	0
55	55	Shell-Thin	53	STERRA	LinStatic	0	0	0
55	55	Shell-Thin	63	STERRA	LinStatic	0	0	0
55	55	Shell-Thin	64	STERRA	LinStatic	0	0	0
55	55	Shell-Thin	54	SACC	LinStatic	0	0	0
55	55	Shell-Thin	53	SACC	LinStatic	0	0	0
55	55	Shell-Thin	63	SACC	LinStatic	0	0	0
55	55	Shell-Thin	64	SACC	LinStatic	0	0	0
56	56	Shell-Thin	55	DEAD	LinStatic	-12,77	-15,16	16,54
56	56	Shell-Thin	54	DEAD	LinStatic	-12,56	-14,15	16,51
56	56	Shell-Thin	64	DEAD	LinStatic	-7,82	-13,2	15,37
56	56	Shell-Thin	65	DEAD	LinStatic	-8,02	-14,21	15,4
56	56	Shell-Thin	55	STERRA	LinStatic	0	0	0
56	56	Shell-Thin	54	STERRA	LinStatic	0	0	0
56	56	Shell-Thin	64	STERRA	LinStatic	0	0	0
56	56	Shell-Thin	65	STERRA	LinStatic	0	0	0
56	56	Shell-Thin	55	SACC	LinStatic	0	0	0
56	56	Shell-Thin	54	SACC	LinStatic	0	0	0
56	56	Shell-Thin	64	SACC	LinStatic	0	0	0
56	56	Shell-Thin	65	SACC	LinStatic	0	0	0
57	57	Shell-Thin	56	DEAD	LinStatic	-17,13	-16,53	15,97
57	57	Shell-Thin	55	DEAD	LinStatic	-17,03	-16,01	16,41
57	57	Shell-Thin	65	DEAD	LinStatic	-9,65	-14,54	15,28
57	57	Shell-Thin	66	DEAD	LinStatic	-9,75	-15,06	14,84
57	57	Shell-Thin	56	STERRA	LinStatic	0	0	0
57	57	Shell-Thin	55	STERRA	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
57	57	Shell-Thin	65	STERRA	LinStatic	0	0	0
57	57	Shell-Thin	66	STERRA	LinStatic	0	0	0
57	57	Shell-Thin	56	SACC	LinStatic	0	0	0
57	57	Shell-Thin	55	SACC	LinStatic	0	0	0
57	57	Shell-Thin	65	SACC	LinStatic	0	0	0
57	57	Shell-Thin	66	SACC	LinStatic	0	0	0
58	58	Shell-Thin	92	DEAD	LinStatic	-4,54	-5,88	6,18
58	58	Shell-Thin	105	DEAD	LinStatic	-3,82	-5,73	5,72
58	58	Shell-Thin	106	DEAD	LinStatic	-4,05	-6,86	6,01
58	58	Shell-Thin	92	STERRA	LinStatic	0	0	0
58	58	Shell-Thin	105	STERRA	LinStatic	0	0	0
58	58	Shell-Thin	106	STERRA	LinStatic	0	0	0
58	58	Shell-Thin	92	SACC	LinStatic	0	0	0
58	58	Shell-Thin	105	SACC	LinStatic	0	0	0
58	58	Shell-Thin	106	SACC	LinStatic	0	0	0
59	59	Shell-Thin	106	DEAD	LinStatic	-0,95	-2,73	2,43
59	59	Shell-Thin	120	DEAD	LinStatic	-1,28	-2,8	2,32
59	59	Shell-Thin	121	DEAD	LinStatic	-1,34	-3,08	2,18
59	59	Shell-Thin	106	STERRA	LinStatic	0	0	0
59	59	Shell-Thin	120	STERRA	LinStatic	0	0	0
59	59	Shell-Thin	121	STERRA	LinStatic	0	0	0
59	59	Shell-Thin	106	SACC	LinStatic	0	0	0
59	59	Shell-Thin	120	SACC	LinStatic	0	0	0
59	59	Shell-Thin	121	SACC	LinStatic	0	0	0
60	60	Shell-Thin	58	DEAD	LinStatic	-0,53	0,38	28,44
60	60	Shell-Thin	57	DEAD	LinStatic	-0,64	-0,13	16,01
60	60	Shell-Thin	68	DEAD	LinStatic	7,05	1,41	15,66
60	60	Shell-Thin	69	DEAD	LinStatic	7,15	1,92	28,09
60	60	Shell-Thin	58	STERRA	LinStatic	0	0	0
60	60	Shell-Thin	57	STERRA	LinStatic	0	0	0
60	60	Shell-Thin	68	STERRA	LinStatic	0	0	0
60	60	Shell-Thin	69	STERRA	LinStatic	0	0	0
60	60	Shell-Thin	58	SACC	LinStatic	0	0	0
60	60	Shell-Thin	57	SACC	LinStatic	0	0	0
60	60	Shell-Thin	68	SACC	LinStatic	0	0	0
60	60	Shell-Thin	69	SACC	LinStatic	0	0	0
61	61	Shell-Thin	59	DEAD	LinStatic	-1,07	-0,74	20,84
61	61	Shell-Thin	58	DEAD	LinStatic	-0,86	0,32	22,91
61	61	Shell-Thin	69	DEAD	LinStatic	6,74	1,83	22,74
61	61	Shell-Thin	70	DEAD	LinStatic	6,53	0,78	20,67
61	61	Shell-Thin	59	STERRA	LinStatic	0	0	0
61	61	Shell-Thin	58	STERRA	LinStatic	0	0	0
61	61	Shell-Thin	69	STERRA	LinStatic	0	0	0
61	61	Shell-Thin	70	STERRA	LinStatic	0	0	0
61	61	Shell-Thin	59	SACC	LinStatic	0	0	0
61	61	Shell-Thin	58	SACC	LinStatic	0	0	0
61	61	Shell-Thin	69	SACC	LinStatic	0	0	0
61	61	Shell-Thin	70	SACC	LinStatic	0	0	0
62	62	Shell-Thin	60	DEAD	LinStatic	-1,52	-2,78	19,97
62	62	Shell-Thin	59	DEAD	LinStatic	-1,11	-0,75	20,62
62	62	Shell-Thin	70	DEAD	LinStatic	6,35	0,74	20,41
62	62	Shell-Thin	71	DEAD	LinStatic	5,94	-1,29	19,76
62	62	Shell-Thin	60	STERRA	LinStatic	0	0	0
62	62	Shell-Thin	59	STERRA	LinStatic	0	0	0
62	62	Shell-Thin	70	STERRA	LinStatic	0	0	0
62	62	Shell-Thin	71	STERRA	LinStatic	0	0	0
62	62	Shell-Thin	60	SACC	LinStatic	0	0	0
62	62	Shell-Thin	59	SACC	LinStatic	0	0	0
62	62	Shell-Thin	70	SACC	LinStatic	0	0	0
62	62	Shell-Thin	71	SACC	LinStatic	0	0	0
63	63	Shell-Thin	61	DEAD	LinStatic	-2,1	-5,23	18,37
63	63	Shell-Thin	60	DEAD	LinStatic	-1,62	-2,8	19,19
63	63	Shell-Thin	71	DEAD	LinStatic	5,59	-1,36	18,72
63	63	Shell-Thin	72	DEAD	LinStatic	5,11	-3,79	17,89
63	63	Shell-Thin	61	STERRA	LinStatic	0	0	0
63	63	Shell-Thin	60	STERRA	LinStatic	0	0	0
63	63	Shell-Thin	71	STERRA	LinStatic	0	0	0
63	63	Shell-Thin	72	STERRA	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
63	63	Shell-Thin	61	SACC	LinStatic	0	0	0
63	63	Shell-Thin	60	SACC	LinStatic	0	0	0
63	63	Shell-Thin	71	SACC	LinStatic	0	0	0
63	63	Shell-Thin	72	SACC	LinStatic	0	0	0
64	64	Shell-Thin	62	DEAD	LinStatic	-2,88	-7,53	16,77
64	64	Shell-Thin	61	DEAD	LinStatic	-2,43	-5,29	17,59
64	64	Shell-Thin	72	DEAD	LinStatic	4,26	-3,95	17
64	64	Shell-Thin	73	DEAD	LinStatic	3,81	-6,2	16,19
64	64	Shell-Thin	62	STERRA	LinStatic	0	0	0
64	64	Shell-Thin	61	STERRA	LinStatic	0	0	0
64	64	Shell-Thin	72	STERRA	LinStatic	0	0	0
64	64	Shell-Thin	73	STERRA	LinStatic	0	0	0
64	64	Shell-Thin	62	SACC	LinStatic	0	0	0
64	64	Shell-Thin	61	SACC	LinStatic	0	0	0
64	64	Shell-Thin	72	SACC	LinStatic	0	0	0
64	64	Shell-Thin	73	SACC	LinStatic	0	0	0
65	65	Shell-Thin	63	DEAD	LinStatic	-4,13	-9,72	15,59
65	65	Shell-Thin	62	DEAD	LinStatic	-3,73	-7,7	16,2
65	65	Shell-Thin	73	DEAD	LinStatic	2,55	-6,45	15,29
65	65	Shell-Thin	74	DEAD	LinStatic	2,15	-8,47	14,68
65	65	Shell-Thin	63	STERRA	LinStatic	0	0	0
65	65	Shell-Thin	62	STERRA	LinStatic	0	0	0
65	65	Shell-Thin	73	STERRA	LinStatic	0	0	0
65	65	Shell-Thin	74	STERRA	LinStatic	0	0	0
65	65	Shell-Thin	63	SACC	LinStatic	0	0	0
65	65	Shell-Thin	62	SACC	LinStatic	0	0	0
65	65	Shell-Thin	73	SACC	LinStatic	0	0	0
65	65	Shell-Thin	74	SACC	LinStatic	0	0	0
66	66	Shell-Thin	64	DEAD	LinStatic	-5,58	-11,36	14,6
66	66	Shell-Thin	63	DEAD	LinStatic	-5,29	-9,96	15,07
66	66	Shell-Thin	74	DEAD	LinStatic	0,39	-8,82	14,13
66	66	Shell-Thin	75	DEAD	LinStatic	0,11	-10,23	13,66
66	66	Shell-Thin	64	STERRA	LinStatic	0	0	0
66	66	Shell-Thin	63	STERRA	LinStatic	0	0	0
66	66	Shell-Thin	74	STERRA	LinStatic	0	0	0
66	66	Shell-Thin	75	STERRA	LinStatic	0	0	0
66	66	Shell-Thin	64	SACC	LinStatic	0	0	0
66	66	Shell-Thin	63	SACC	LinStatic	0	0	0
66	66	Shell-Thin	74	SACC	LinStatic	0	0	0
66	66	Shell-Thin	75	SACC	LinStatic	0	0	0
67	67	Shell-Thin	65	DEAD	LinStatic	-7,75	-12,86	14,04
67	67	Shell-Thin	64	DEAD	LinStatic	-7,53	-11,76	14,37
67	67	Shell-Thin	75	DEAD	LinStatic	-1,81	-10,61	13,19
67	67	Shell-Thin	76	DEAD	LinStatic	-2,03	-11,72	12,86
67	67	Shell-Thin	65	STERRA	LinStatic	0	0	0
67	67	Shell-Thin	64	STERRA	LinStatic	0	0	0
67	67	Shell-Thin	75	STERRA	LinStatic	0	0	0
67	67	Shell-Thin	76	STERRA	LinStatic	0	0	0
67	67	Shell-Thin	65	SACC	LinStatic	0	0	0
67	67	Shell-Thin	64	SACC	LinStatic	0	0	0
67	67	Shell-Thin	75	SACC	LinStatic	0	0	0
67	67	Shell-Thin	76	SACC	LinStatic	0	0	0
68	68	Shell-Thin	66	DEAD	LinStatic	-9,4	-13,28	13,93
68	68	Shell-Thin	65	DEAD	LinStatic	-9,38	-13,19	13,93
68	68	Shell-Thin	76	DEAD	LinStatic	-4,52	-12,22	12,66
68	68	Shell-Thin	77	DEAD	LinStatic	-4,54	-12,31	12,66
68	68	Shell-Thin	66	STERRA	LinStatic	0	0	0
68	68	Shell-Thin	65	STERRA	LinStatic	0	0	0
68	68	Shell-Thin	76	STERRA	LinStatic	0	0	0
68	68	Shell-Thin	77	STERRA	LinStatic	0	0	0
68	68	Shell-Thin	66	SACC	LinStatic	0	0	0
68	68	Shell-Thin	65	SACC	LinStatic	0	0	0
68	68	Shell-Thin	76	SACC	LinStatic	0	0	0
68	68	Shell-Thin	77	SACC	LinStatic	0	0	0
69	69	Shell-Thin	67	DEAD	LinStatic	-13,97	-13,49	13,09
69	69	Shell-Thin	66	DEAD	LinStatic	-14,11	-14,22	13,68
69	69	Shell-Thin	77	DEAD	LinStatic	-6,5	-12,7	12,5
69	69	Shell-Thin	78	DEAD	LinStatic	-6,35	-11,96	11,91

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
69	69	Shell-Thin	67	STERRA	LinStatic	0	0	0
69	69	Shell-Thin	66	STERRA	LinStatic	0	0	0
69	69	Shell-Thin	77	STERRA	LinStatic	0	0	0
69	69	Shell-Thin	78	STERRA	LinStatic	0	0	0
69	69	Shell-Thin	67	SACC	LinStatic	0	0	0
69	69	Shell-Thin	66	SACC	LinStatic	0	0	0
69	69	Shell-Thin	77	SACC	LinStatic	0	0	0
69	69	Shell-Thin	78	SACC	LinStatic	0	0	0
70	70	Shell-Thin	69	DEAD	LinStatic	7,15	1,92	27,82
70	70	Shell-Thin	68	DEAD	LinStatic	7,05	1,41	15,66
70	70	Shell-Thin	80	DEAD	LinStatic	16,27	3,25	15,26
70	70	Shell-Thin	81	DEAD	LinStatic	16,37	3,76	27,42
70	70	Shell-Thin	69	STERRA	LinStatic	0	0	0
70	70	Shell-Thin	68	STERRA	LinStatic	0	0	0
70	70	Shell-Thin	80	STERRA	LinStatic	0	0	0
70	70	Shell-Thin	81	STERRA	LinStatic	0	0	0
70	70	Shell-Thin	69	SACC	LinStatic	0	0	0
70	70	Shell-Thin	68	SACC	LinStatic	0	0	0
70	70	Shell-Thin	80	SACC	LinStatic	0	0	0
70	70	Shell-Thin	81	SACC	LinStatic	0	0	0
71	71	Shell-Thin	70	DEAD	LinStatic	6,45	0,42	20,43
71	71	Shell-Thin	69	DEAD	LinStatic	6,74	1,83	22,47
71	71	Shell-Thin	81	DEAD	LinStatic	15,91	3,67	22,28
71	71	Shell-Thin	82	DEAD	LinStatic	15,62	2,25	20,24
71	71	Shell-Thin	70	STERRA	LinStatic	0	0	0
71	71	Shell-Thin	69	STERRA	LinStatic	0	0	0
71	71	Shell-Thin	81	STERRA	LinStatic	0	0	0
71	71	Shell-Thin	82	STERRA	LinStatic	0	0	0
71	71	Shell-Thin	70	SACC	LinStatic	0	0	0
71	71	Shell-Thin	69	SACC	LinStatic	0	0	0
71	71	Shell-Thin	81	SACC	LinStatic	0	0	0
71	71	Shell-Thin	82	SACC	LinStatic	0	0	0
72	72	Shell-Thin	71	DEAD	LinStatic	5,81	-1,97	19,36
72	72	Shell-Thin	70	DEAD	LinStatic	6,28	0,38	20,18
72	72	Shell-Thin	82	DEAD	LinStatic	15,2	2,17	19,71
72	72	Shell-Thin	83	DEAD	LinStatic	14,73	-0,19	18,89
72	72	Shell-Thin	71	STERRA	LinStatic	0	0	0
72	72	Shell-Thin	70	STERRA	LinStatic	0	0	0
72	72	Shell-Thin	82	STERRA	LinStatic	0	0	0
72	72	Shell-Thin	83	STERRA	LinStatic	0	0	0
72	72	Shell-Thin	71	SACC	LinStatic	0	0	0
72	72	Shell-Thin	70	SACC	LinStatic	0	0	0
72	72	Shell-Thin	82	SACC	LinStatic	0	0	0
72	72	Shell-Thin	83	SACC	LinStatic	0	0	0
73	73	Shell-Thin	72	DEAD	LinStatic	5,01	-4,28	17,22
73	73	Shell-Thin	71	DEAD	LinStatic	5,46	-2,04	18,32
73	73	Shell-Thin	83	DEAD	LinStatic	13,72	-0,39	17,66
73	73	Shell-Thin	84	DEAD	LinStatic	13,27	-2,63	16,56
73	73	Shell-Thin	72	STERRA	LinStatic	0	0	0
73	73	Shell-Thin	71	STERRA	LinStatic	0	0	0
73	73	Shell-Thin	83	STERRA	LinStatic	0	0	0
73	73	Shell-Thin	84	STERRA	LinStatic	0	0	0
73	73	Shell-Thin	72	SACC	LinStatic	0	0	0
73	73	Shell-Thin	71	SACC	LinStatic	0	0	0
73	73	Shell-Thin	83	SACC	LinStatic	0	0	0
73	73	Shell-Thin	84	SACC	LinStatic	0	0	0
74	74	Shell-Thin	73	DEAD	LinStatic	3,79	-6,34	15,36
74	74	Shell-Thin	72	DEAD	LinStatic	4,16	-4,45	16,33
74	74	Shell-Thin	84	DEAD	LinStatic	11,61	-2,96	15,27
74	74	Shell-Thin	85	DEAD	LinStatic	11,23	-4,85	14,31
74	74	Shell-Thin	73	STERRA	LinStatic	0	0	0
74	74	Shell-Thin	72	STERRA	LinStatic	0	0	0
74	74	Shell-Thin	84	STERRA	LinStatic	0	0	0
74	74	Shell-Thin	85	STERRA	LinStatic	0	0	0
74	74	Shell-Thin	73	SACC	LinStatic	0	0	0
74	74	Shell-Thin	72	SACC	LinStatic	0	0	0
74	74	Shell-Thin	84	SACC	LinStatic	0	0	0
74	74	Shell-Thin	85	SACC	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
75	75	Shell-Thin	74	DEAD	LinStatic	2,26	-7,93	13,64
75	75	Shell-Thin	73	DEAD	LinStatic	2,52	-6,59	14,47
75	75	Shell-Thin	85	DEAD	LinStatic	8,99	-5,3	13,42
75	75	Shell-Thin	86	DEAD	LinStatic	8,73	-6,63	12,59
75	75	Shell-Thin	74	STERRA	LinStatic	0	0	0
75	75	Shell-Thin	73	STERRA	LinStatic	0	0	0
75	75	Shell-Thin	85	STERRA	LinStatic	0	0	0
75	75	Shell-Thin	86	STERRA	LinStatic	0	0	0
75	75	Shell-Thin	74	SACC	LinStatic	0	0	0
75	75	Shell-Thin	73	SACC	LinStatic	0	0	0
75	75	Shell-Thin	85	SACC	LinStatic	0	0	0
75	75	Shell-Thin	86	SACC	LinStatic	0	0	0
76	76	Shell-Thin	75	DEAD	LinStatic	0,29	-9,34	12,55
76	76	Shell-Thin	74	DEAD	LinStatic	0,5	-8,28	13,09
76	76	Shell-Thin	86	DEAD	LinStatic	6,39	-7,1	11,85
76	76	Shell-Thin	87	DEAD	LinStatic	6,18	-8,16	11,31
76	76	Shell-Thin	75	STERRA	LinStatic	0	0	0
76	76	Shell-Thin	74	STERRA	LinStatic	0	0	0
76	76	Shell-Thin	86	STERRA	LinStatic	0	0	0
76	76	Shell-Thin	87	STERRA	LinStatic	0	0	0
76	76	Shell-Thin	75	SACC	LinStatic	0	0	0
76	76	Shell-Thin	74	SACC	LinStatic	0	0	0
76	76	Shell-Thin	86	SACC	LinStatic	0	0	0
76	76	Shell-Thin	87	SACC	LinStatic	0	0	0
77	77	Shell-Thin	76	DEAD	LinStatic	-1,73	-10,21	11,72
77	77	Shell-Thin	75	DEAD	LinStatic	-1,63	-9,72	12,08
77	77	Shell-Thin	87	DEAD	LinStatic	3,68	-8,66	10,92
77	77	Shell-Thin	88	DEAD	LinStatic	3,58	-9,15	10,56
77	77	Shell-Thin	76	STERRA	LinStatic	0	0	0
77	77	Shell-Thin	75	STERRA	LinStatic	0	0	0
77	77	Shell-Thin	87	STERRA	LinStatic	0	0	0
77	77	Shell-Thin	88	STERRA	LinStatic	0	0	0
77	77	Shell-Thin	76	SACC	LinStatic	0	0	0
77	77	Shell-Thin	75	SACC	LinStatic	0	0	0
77	77	Shell-Thin	87	SACC	LinStatic	0	0	0
77	77	Shell-Thin	88	SACC	LinStatic	0	0	0
78	78	Shell-Thin	77	DEAD	LinStatic	-4,26	-10,93	11,21
78	78	Shell-Thin	76	DEAD	LinStatic	-4,22	-10,71	11,51
78	78	Shell-Thin	88	DEAD	LinStatic	1,14	-9,64	10,23
78	78	Shell-Thin	89	DEAD	LinStatic	1,1	-9,86	9,93
78	78	Shell-Thin	77	STERRA	LinStatic	0	0	0
78	78	Shell-Thin	76	STERRA	LinStatic	0	0	0
78	78	Shell-Thin	88	STERRA	LinStatic	0	0	0
78	78	Shell-Thin	89	STERRA	LinStatic	0	0	0
78	78	Shell-Thin	77	SACC	LinStatic	0	0	0
78	78	Shell-Thin	76	SACC	LinStatic	0	0	0
78	78	Shell-Thin	88	SACC	LinStatic	0	0	0
78	78	Shell-Thin	89	SACC	LinStatic	0	0	0
79	79	Shell-Thin	78	DEAD	LinStatic	-6,11	-10,75	11,02
79	79	Shell-Thin	77	DEAD	LinStatic	-6,22	-11,32	11,05
79	79	Shell-Thin	89	DEAD	LinStatic	-1,62	-10,4	9,78
79	79	Shell-Thin	90	DEAD	LinStatic	-1,51	-9,83	9,75
79	79	Shell-Thin	78	STERRA	LinStatic	0	0	0
79	79	Shell-Thin	77	STERRA	LinStatic	0	0	0
79	79	Shell-Thin	89	STERRA	LinStatic	0	0	0
79	79	Shell-Thin	90	STERRA	LinStatic	0	0	0
79	79	Shell-Thin	78	SACC	LinStatic	0	0	0
79	79	Shell-Thin	77	SACC	LinStatic	0	0	0
79	79	Shell-Thin	89	SACC	LinStatic	0	0	0
79	79	Shell-Thin	90	SACC	LinStatic	0	0	0
80	80	Shell-Thin	79	DEAD	LinStatic	-10,57	-10,14	9,96
80	80	Shell-Thin	78	DEAD	LinStatic	-10,88	-11,71	10,67
80	80	Shell-Thin	90	DEAD	LinStatic	-3,52	-10,24	9,56
80	80	Shell-Thin	91	DEAD	LinStatic	-3,21	-8,67	8,85
80	80	Shell-Thin	79	STERRA	LinStatic	0	0	0
80	80	Shell-Thin	78	STERRA	LinStatic	0	0	0
80	80	Shell-Thin	90	STERRA	LinStatic	0	0	0
80	80	Shell-Thin	91	STERRA	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
80	80	Shell-Thin	79	SACC	LinStatic	0	0	0
80	80	Shell-Thin	78	SACC	LinStatic	0	0	0
80	80	Shell-Thin	90	SACC	LinStatic	0	0	0
80	80	Shell-Thin	91	SACC	LinStatic	0	0	0
81	81	Shell-Thin	81	DEAD	LinStatic	16,31	3,48	27,17
81	81	Shell-Thin	80	DEAD	LinStatic	16,27	3,25	15,26
81	81	Shell-Thin	93	DEAD	LinStatic	27,93	5,59	14,64
81	81	Shell-Thin	94	DEAD	LinStatic	27,97	5,81	26,55
81	81	Shell-Thin	81	STERRA	LinStatic	0	0	0
81	81	Shell-Thin	80	STERRA	LinStatic	0	0	0
81	81	Shell-Thin	93	STERRA	LinStatic	0	0	0
81	81	Shell-Thin	94	STERRA	LinStatic	0	0	0
81	81	Shell-Thin	81	SACC	LinStatic	0	0	0
81	81	Shell-Thin	80	SACC	LinStatic	0	0	0
81	81	Shell-Thin	93	SACC	LinStatic	0	0	0
81	81	Shell-Thin	94	SACC	LinStatic	0	0	0
82	82	Shell-Thin	82	DEAD	LinStatic	15,38	1,01	19,82
82	82	Shell-Thin	81	DEAD	LinStatic	15,85	3,39	22,02
82	82	Shell-Thin	94	DEAD	LinStatic	27,31	5,68	21,53
82	82	Shell-Thin	95	DEAD	LinStatic	26,84	3,31	19,33
82	82	Shell-Thin	82	STERRA	LinStatic	0	0	0
82	82	Shell-Thin	81	STERRA	LinStatic	0	0	0
82	82	Shell-Thin	94	STERRA	LinStatic	0	0	0
82	82	Shell-Thin	95	STERRA	LinStatic	0	0	0
82	82	Shell-Thin	82	SACC	LinStatic	0	0	0
82	82	Shell-Thin	81	SACC	LinStatic	0	0	0
82	82	Shell-Thin	94	SACC	LinStatic	0	0	0
82	82	Shell-Thin	95	SACC	LinStatic	0	0	0
83	83	Shell-Thin	83	DEAD	LinStatic	14,42	-1,73	18,17
83	83	Shell-Thin	82	DEAD	LinStatic	14,95	0,93	19,28
83	83	Shell-Thin	95	DEAD	LinStatic	25,66	3,07	18,4
83	83	Shell-Thin	96	DEAD	LinStatic	25,13	0,41	17,28
83	83	Shell-Thin	83	STERRA	LinStatic	0	0	0
83	83	Shell-Thin	82	STERRA	LinStatic	0	0	0
83	83	Shell-Thin	95	STERRA	LinStatic	0	0	0
83	83	Shell-Thin	96	STERRA	LinStatic	0	0	0
83	83	Shell-Thin	83	SACC	LinStatic	0	0	0
83	83	Shell-Thin	82	SACC	LinStatic	0	0	0
83	83	Shell-Thin	95	SACC	LinStatic	0	0	0
83	83	Shell-Thin	96	SACC	LinStatic	0	0	0
84	84	Shell-Thin	84	DEAD	LinStatic	13,04	-3,81	15,53
84	84	Shell-Thin	83	DEAD	LinStatic	13,41	-1,93	16,94
84	84	Shell-Thin	96	DEAD	LinStatic	22,66	-0,08395	15,37
84	84	Shell-Thin	97	DEAD	LinStatic	22,28	-1,96	13,96
84	84	Shell-Thin	84	STERRA	LinStatic	0	0	0
84	84	Shell-Thin	83	STERRA	LinStatic	0	0	0
84	84	Shell-Thin	96	STERRA	LinStatic	0	0	0
84	84	Shell-Thin	97	STERRA	LinStatic	0	0	0
84	84	Shell-Thin	84	SACC	LinStatic	0	0	0
84	84	Shell-Thin	83	SACC	LinStatic	0	0	0
84	84	Shell-Thin	96	SACC	LinStatic	0	0	0
84	84	Shell-Thin	97	SACC	LinStatic	0	0	0
85	85	Shell-Thin	85	DEAD	LinStatic	11,17	-5,14	13,03
85	85	Shell-Thin	84	DEAD	LinStatic	11,37	-4,14	14,24
85	85	Shell-Thin	97	DEAD	LinStatic	18,8	-2,65	12,76
85	85	Shell-Thin	98	DEAD	LinStatic	18,6	-3,65	11,54
85	85	Shell-Thin	85	STERRA	LinStatic	0	0	0
85	85	Shell-Thin	84	STERRA	LinStatic	0	0	0
85	85	Shell-Thin	97	STERRA	LinStatic	0	0	0
85	85	Shell-Thin	98	STERRA	LinStatic	0	0	0
85	85	Shell-Thin	85	SACC	LinStatic	0	0	0
85	85	Shell-Thin	84	SACC	LinStatic	0	0	0
85	85	Shell-Thin	97	SACC	LinStatic	0	0	0
85	85	Shell-Thin	98	SACC	LinStatic	0	0	0
86	86	Shell-Thin	86	DEAD	LinStatic	8,79	-6,32	11,35
86	86	Shell-Thin	85	DEAD	LinStatic	8,94	-5,59	12,14
86	86	Shell-Thin	98	DEAD	LinStatic	15,29	-4,32	10,58
86	86	Shell-Thin	99	DEAD	LinStatic	15,14	-5,05	9,79

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
86	86	Shell-Thin	86	STERRA	LinStatic	0	0	0
86	86	Shell-Thin	85	STERRA	LinStatic	0	0	0
86	86	Shell-Thin	98	STERRA	LinStatic	0	0	0
86	86	Shell-Thin	99	STERRA	LinStatic	0	0	0
86	86	Shell-Thin	86	SACC	LinStatic	0	0	0
86	86	Shell-Thin	85	SACC	LinStatic	0	0	0
86	86	Shell-Thin	98	SACC	LinStatic	0	0	0
86	86	Shell-Thin	99	SACC	LinStatic	0	0	0
87	87	Shell-Thin	87	DEAD	LinStatic	6,38	-7,15	10,01
87	87	Shell-Thin	86	DEAD	LinStatic	6,45	-6,79	10,61
87	87	Shell-Thin	99	DEAD	LinStatic	11,93	-5,69	9,21
87	87	Shell-Thin	100	DEAD	LinStatic	11,86	-6,06	8,62
87	87	Shell-Thin	87	STERRA	LinStatic	0	0	0
87	87	Shell-Thin	86	STERRA	LinStatic	0	0	0
87	87	Shell-Thin	99	STERRA	LinStatic	0	0	0
87	87	Shell-Thin	100	STERRA	LinStatic	0	0	0
87	87	Shell-Thin	87	SACC	LinStatic	0	0	0
87	87	Shell-Thin	86	SACC	LinStatic	0	0	0
87	87	Shell-Thin	99	SACC	LinStatic	0	0	0
87	87	Shell-Thin	100	SACC	LinStatic	0	0	0
88	88	Shell-Thin	88	DEAD	LinStatic	3,83	-7,87	9,28
88	88	Shell-Thin	87	DEAD	LinStatic	3,88	-7,65	9,62
88	88	Shell-Thin	100	DEAD	LinStatic	8,9	-6,65	8,18
88	88	Shell-Thin	101	DEAD	LinStatic	8,85	-6,86	7,83
88	88	Shell-Thin	88	STERRA	LinStatic	0	0	0
88	88	Shell-Thin	87	STERRA	LinStatic	0	0	0
88	88	Shell-Thin	100	STERRA	LinStatic	0	0	0
88	88	Shell-Thin	101	STERRA	LinStatic	0	0	0
88	88	Shell-Thin	88	SACC	LinStatic	0	0	0
88	88	Shell-Thin	87	SACC	LinStatic	0	0	0
88	88	Shell-Thin	100	SACC	LinStatic	0	0	0
88	88	Shell-Thin	101	SACC	LinStatic	0	0	0
89	89	Shell-Thin	89	DEAD	LinStatic	1,44	-8,17	8,75
89	89	Shell-Thin	88	DEAD	LinStatic	1,4	-8,35	8,95
89	89	Shell-Thin	101	DEAD	LinStatic	6	-7,43	7,66
89	89	Shell-Thin	102	DEAD	LinStatic	6,04	-7,25	7,46
89	89	Shell-Thin	89	STERRA	LinStatic	0	0	0
89	89	Shell-Thin	88	STERRA	LinStatic	0	0	0
89	89	Shell-Thin	101	STERRA	LinStatic	0	0	0
89	89	Shell-Thin	102	STERRA	LinStatic	0	0	0
89	89	Shell-Thin	89	SACC	LinStatic	0	0	0
89	89	Shell-Thin	88	SACC	LinStatic	0	0	0
89	89	Shell-Thin	101	SACC	LinStatic	0	0	0
89	89	Shell-Thin	102	SACC	LinStatic	0	0	0
90	90	Shell-Thin	90	DEAD	LinStatic	-1,21	-8,36	8,36
90	90	Shell-Thin	89	DEAD	LinStatic	-1,28	-8,71	8,6
90	90	Shell-Thin	102	DEAD	LinStatic	3,43	-7,77	7,29
90	90	Shell-Thin	103	DEAD	LinStatic	3,5	-7,42	7,05
90	90	Shell-Thin	90	STERRA	LinStatic	0	0	0
90	90	Shell-Thin	89	STERRA	LinStatic	0	0	0
90	90	Shell-Thin	102	STERRA	LinStatic	0	0	0
90	90	Shell-Thin	103	STERRA	LinStatic	0	0	0
90	90	Shell-Thin	90	SACC	LinStatic	0	0	0
90	90	Shell-Thin	89	SACC	LinStatic	0	0	0
90	90	Shell-Thin	102	SACC	LinStatic	0	0	0
90	90	Shell-Thin	103	SACC	LinStatic	0	0	0
91	91	Shell-Thin	91	DEAD	LinStatic	-3,05	-7,89	8,09
91	91	Shell-Thin	90	DEAD	LinStatic	-3,23	-8,76	8,17
91	91	Shell-Thin	103	DEAD	LinStatic	0,82	-7,95	6,95
91	91	Shell-Thin	104	DEAD	LinStatic	0,99	-7,08	6,87
91	91	Shell-Thin	91	STERRA	LinStatic	0	0	0
91	91	Shell-Thin	90	STERRA	LinStatic	0	0	0
91	91	Shell-Thin	103	STERRA	LinStatic	0	0	0
91	91	Shell-Thin	104	STERRA	LinStatic	0	0	0
91	91	Shell-Thin	91	SACC	LinStatic	0	0	0
91	91	Shell-Thin	90	SACC	LinStatic	0	0	0
91	91	Shell-Thin	103	SACC	LinStatic	0	0	0
91	91	Shell-Thin	104	SACC	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
92	92	Shell-Thin	92	DEAD	LinStatic	-7,11	-6,75	6,78
92	92	Shell-Thin	91	DEAD	LinStatic	-7,52	-8,78	7,6
92	92	Shell-Thin	104	DEAD	LinStatic	-0,8	-7,44	6,66
92	92	Shell-Thin	105	DEAD	LinStatic	-0,4	-5,41	5,83
92	92	Shell-Thin	92	STERRA	LinStatic	0	0	0
92	92	Shell-Thin	91	STERRA	LinStatic	0	0	0
92	92	Shell-Thin	104	STERRA	LinStatic	0	0	0
92	92	Shell-Thin	105	STERRA	LinStatic	0	0	0
92	92	Shell-Thin	92	SACC	LinStatic	0	0	0
92	92	Shell-Thin	91	SACC	LinStatic	0	0	0
92	92	Shell-Thin	104	SACC	LinStatic	0	0	0
92	92	Shell-Thin	105	SACC	LinStatic	0	0	0
93	93	Shell-Thin	94	DEAD	LinStatic	27,73	4,58	25,7
93	93	Shell-Thin	93	DEAD	LinStatic	27,93	5,59	14,64
93	93	Shell-Thin	107	DEAD	LinStatic	44,26	8,85	14,55
93	93	Shell-Thin	108	DEAD	LinStatic	44,06	7,85	25,61
93	93	Shell-Thin	94	STERRA	LinStatic	0	0	0
93	93	Shell-Thin	93	STERRA	LinStatic	0	0	0
93	93	Shell-Thin	107	STERRA	LinStatic	0	0	0
93	93	Shell-Thin	108	STERRA	LinStatic	0	0	0
93	93	Shell-Thin	94	SACC	LinStatic	0	0	0
93	93	Shell-Thin	93	SACC	LinStatic	0	0	0
93	93	Shell-Thin	107	SACC	LinStatic	0	0	0
93	93	Shell-Thin	108	SACC	LinStatic	0	0	0
94	94	Shell-Thin	95	DEAD	LinStatic	26,23	0,26	18,3
94	94	Shell-Thin	94	DEAD	LinStatic	27,07	4,45	20,69
94	94	Shell-Thin	108	DEAD	LinStatic	42,59	7,55	20,32
94	94	Shell-Thin	109	DEAD	LinStatic	41,76	3,37	17,93
94	94	Shell-Thin	95	STERRA	LinStatic	0	0	0
94	94	Shell-Thin	94	STERRA	LinStatic	0	0	0
94	94	Shell-Thin	108	STERRA	LinStatic	0	0	0
94	94	Shell-Thin	109	STERRA	LinStatic	0	0	0
94	94	Shell-Thin	95	SACC	LinStatic	0	0	0
94	94	Shell-Thin	94	SACC	LinStatic	0	0	0
94	94	Shell-Thin	108	SACC	LinStatic	0	0	0
94	94	Shell-Thin	109	SACC	LinStatic	0	0	0
95	95	Shell-Thin	96	DEAD	LinStatic	24,61	-2,2	15,45
95	95	Shell-Thin	95	DEAD	LinStatic	25,06	0,02975	17,36
95	95	Shell-Thin	109	DEAD	LinStatic	37,66	2,55	15,34
95	95	Shell-Thin	110	DEAD	LinStatic	37,21	0,32	13,42
95	95	Shell-Thin	96	STERRA	LinStatic	0	0	0
95	95	Shell-Thin	95	STERRA	LinStatic	0	0	0
95	95	Shell-Thin	109	STERRA	LinStatic	0	0	0
95	95	Shell-Thin	110	STERRA	LinStatic	0	0	0
95	95	Shell-Thin	96	SACC	LinStatic	0	0	0
95	95	Shell-Thin	95	SACC	LinStatic	0	0	0
95	95	Shell-Thin	109	SACC	LinStatic	0	0	0
95	95	Shell-Thin	110	SACC	LinStatic	0	0	0
96	96	Shell-Thin	97	DEAD	LinStatic	22,07	-3,02	11,87
96	96	Shell-Thin	96	DEAD	LinStatic	22,14	-2,7	13,54
96	96	Shell-Thin	110	DEAD	LinStatic	30,53	-1,02	11,76
96	96	Shell-Thin	111	DEAD	LinStatic	30,46	-1,34	10,09
96	96	Shell-Thin	97	STERRA	LinStatic	0	0	0
96	96	Shell-Thin	96	STERRA	LinStatic	0	0	0
96	96	Shell-Thin	110	STERRA	LinStatic	0	0	0
96	96	Shell-Thin	111	STERRA	LinStatic	0	0	0
96	96	Shell-Thin	97	SACC	LinStatic	0	0	0
96	96	Shell-Thin	96	SACC	LinStatic	0	0	0
96	96	Shell-Thin	110	SACC	LinStatic	0	0	0
96	96	Shell-Thin	111	SACC	LinStatic	0	0	0
97	97	Shell-Thin	98	DEAD	LinStatic	18,55	-3,88	9,74
97	97	Shell-Thin	97	DEAD	LinStatic	18,58	-3,71	10,67
97	97	Shell-Thin	111	DEAD	LinStatic	25,26	-2,38	9,01
97	97	Shell-Thin	112	DEAD	LinStatic	25,22	-2,54	8,08
97	97	Shell-Thin	98	STERRA	LinStatic	0	0	0
97	97	Shell-Thin	97	STERRA	LinStatic	0	0	0
97	97	Shell-Thin	111	STERRA	LinStatic	0	0	0
97	97	Shell-Thin	112	STERRA	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
97	97	Shell-Thin	98	SACC	LinStatic	0	0	0
97	97	Shell-Thin	97	SACC	LinStatic	0	0	0
97	97	Shell-Thin	111	SACC	LinStatic	0	0	0
97	97	Shell-Thin	112	SACC	LinStatic	0	0	0
98	98	Shell-Thin	99	DEAD	LinStatic	15,27	-4,43	8,03
98	98	Shell-Thin	98	DEAD	LinStatic	15,24	-4,54	8,77
98	98	Shell-Thin	112	DEAD	LinStatic	20,67	-3,46	7,33
98	98	Shell-Thin	113	DEAD	LinStatic	20,69	-3,35	6,58
98	98	Shell-Thin	99	STERRA	LinStatic	0	0	0
98	98	Shell-Thin	98	STERRA	LinStatic	0	0	0
98	98	Shell-Thin	112	STERRA	LinStatic	0	0	0
98	98	Shell-Thin	113	STERRA	LinStatic	0	0	0
98	98	Shell-Thin	99	SACC	LinStatic	0	0	0
98	98	Shell-Thin	98	SACC	LinStatic	0	0	0
98	98	Shell-Thin	112	SACC	LinStatic	0	0	0
98	98	Shell-Thin	113	SACC	LinStatic	0	0	0
99	99	Shell-Thin	100	DEAD	LinStatic	12,08	-4,94	7,04
99	99	Shell-Thin	99	DEAD	LinStatic	12,05	-5,08	7,44
99	99	Shell-Thin	113	DEAD	LinStatic	16,87	-4,11	6,08
99	99	Shell-Thin	114	DEAD	LinStatic	16,89	-3,97	5,68
99	99	Shell-Thin	100	STERRA	LinStatic	0	0	0
99	99	Shell-Thin	99	STERRA	LinStatic	0	0	0
99	99	Shell-Thin	113	STERRA	LinStatic	0	0	0
99	99	Shell-Thin	114	STERRA	LinStatic	0	0	0
99	99	Shell-Thin	100	SACC	LinStatic	0	0	0
99	99	Shell-Thin	99	SACC	LinStatic	0	0	0
99	99	Shell-Thin	113	SACC	LinStatic	0	0	0
99	99	Shell-Thin	114	SACC	LinStatic	0	0	0
100	100	Shell-Thin	101	DEAD	LinStatic	9,18	-5,25	6,34
100	100	Shell-Thin	100	DEAD	LinStatic	9,12	-5,53	6,6
100	100	Shell-Thin	114	DEAD	LinStatic	13,47	-4,66	5,43
100	100	Shell-Thin	115	DEAD	LinStatic	13,53	-4,38	5,17
100	100	Shell-Thin	101	STERRA	LinStatic	0	0	0
100	100	Shell-Thin	100	STERRA	LinStatic	0	0	0
100	100	Shell-Thin	114	STERRA	LinStatic	0	0	0
100	100	Shell-Thin	115	STERRA	LinStatic	0	0	0
100	100	Shell-Thin	101	SACC	LinStatic	0	0	0
100	100	Shell-Thin	100	SACC	LinStatic	0	0	0
100	100	Shell-Thin	114	SACC	LinStatic	0	0	0
100	100	Shell-Thin	115	SACC	LinStatic	0	0	0
101	101	Shell-Thin	102	DEAD	LinStatic	6,39	-5,51	6,04
101	101	Shell-Thin	101	DEAD	LinStatic	6,33	-5,82	6,17
101	101	Shell-Thin	115	DEAD	LinStatic	10,43	-5	4,98
101	101	Shell-Thin	116	DEAD	LinStatic	10,5	-4,69	4,85
101	101	Shell-Thin	102	STERRA	LinStatic	0	0	0
101	101	Shell-Thin	101	STERRA	LinStatic	0	0	0
101	101	Shell-Thin	115	STERRA	LinStatic	0	0	0
101	101	Shell-Thin	116	STERRA	LinStatic	0	0	0
101	101	Shell-Thin	102	SACC	LinStatic	0	0	0
101	101	Shell-Thin	101	SACC	LinStatic	0	0	0
101	101	Shell-Thin	115	SACC	LinStatic	0	0	0
101	101	Shell-Thin	116	SACC	LinStatic	0	0	0
102	102	Shell-Thin	103	DEAD	LinStatic	3,88	-5,51	5,82
102	102	Shell-Thin	102	DEAD	LinStatic	3,77	-6,03	5,87
102	102	Shell-Thin	116	DEAD	LinStatic	7,57	-5,27	4,85
102	102	Shell-Thin	117	DEAD	LinStatic	7,67	-4,75	4,8
102	102	Shell-Thin	103	STERRA	LinStatic	0	0	0
102	102	Shell-Thin	102	STERRA	LinStatic	0	0	0
102	102	Shell-Thin	116	STERRA	LinStatic	0	0	0
102	102	Shell-Thin	117	STERRA	LinStatic	0	0	0
102	102	Shell-Thin	103	SACC	LinStatic	0	0	0
102	102	Shell-Thin	102	SACC	LinStatic	0	0	0
102	102	Shell-Thin	116	SACC	LinStatic	0	0	0
102	102	Shell-Thin	117	SACC	LinStatic	0	0	0
103	103	Shell-Thin	104	DEAD	LinStatic	1,32	-5,45	5,55
103	103	Shell-Thin	103	DEAD	LinStatic	1,2	-6,05	5,72
103	103	Shell-Thin	117	DEAD	LinStatic	5,03	-5,28	4,72
103	103	Shell-Thin	118	DEAD	LinStatic	5,15	-4,68	4,55

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
103	103	Shell-Thin	104	STERRA	LinStatic	0	0	0
103	103	Shell-Thin	103	STERRA	LinStatic	0	0	0
103	103	Shell-Thin	117	STERRA	LinStatic	0	0	0
103	103	Shell-Thin	118	STERRA	LinStatic	0	0	0
103	103	Shell-Thin	104	SACC	LinStatic	0	0	0
103	103	Shell-Thin	103	SACC	LinStatic	0	0	0
103	103	Shell-Thin	117	SACC	LinStatic	0	0	0
103	103	Shell-Thin	118	SACC	LinStatic	0	0	0
104	104	Shell-Thin	105	DEAD	LinStatic	-0,31	-4,95	5,2
104	104	Shell-Thin	104	DEAD	LinStatic	-0,48	-5,81	5,33
104	104	Shell-Thin	118	DEAD	LinStatic	2,53	-5,2	4,47
104	104	Shell-Thin	119	DEAD	LinStatic	2,7	-4,35	4,34
104	104	Shell-Thin	105	STERRA	LinStatic	0	0	0
104	104	Shell-Thin	104	STERRA	LinStatic	0	0	0
104	104	Shell-Thin	118	STERRA	LinStatic	0	0	0
104	104	Shell-Thin	119	STERRA	LinStatic	0	0	0
104	104	Shell-Thin	105	SACC	LinStatic	0	0	0
104	104	Shell-Thin	104	SACC	LinStatic	0	0	0
104	104	Shell-Thin	118	SACC	LinStatic	0	0	0
104	104	Shell-Thin	119	SACC	LinStatic	0	0	0
105	105	Shell-Thin	106	DEAD	LinStatic	-3,58	-3,35	3,75
105	105	Shell-Thin	105	DEAD	LinStatic	-4,05	-5,7	4,6
105	105	Shell-Thin	119	DEAD	LinStatic	1,1	-4,67	4,06
105	105	Shell-Thin	120	DEAD	LinStatic	1,57	-2,32	3,22
105	105	Shell-Thin	106	STERRA	LinStatic	0	0	0
105	105	Shell-Thin	105	STERRA	LinStatic	0	0	0
105	105	Shell-Thin	119	STERRA	LinStatic	0	0	0
105	105	Shell-Thin	120	STERRA	LinStatic	0	0	0
105	105	Shell-Thin	106	SACC	LinStatic	0	0	0
105	105	Shell-Thin	105	SACC	LinStatic	0	0	0
105	105	Shell-Thin	119	SACC	LinStatic	0	0	0
105	105	Shell-Thin	120	SACC	LinStatic	0	0	0
106	106	Shell-Thin	108	DEAD	LinStatic	43,34	4,27	25,14
106	106	Shell-Thin	107	DEAD	LinStatic	44,26	8,85	14,55
106	106	Shell-Thin	122	DEAD	LinStatic	62,12	12,42	12,98
106	106	Shell-Thin	123	DEAD	LinStatic	61,2	7,85	23,57
106	106	Shell-Thin	108	STERRA	LinStatic	0	0	0
106	106	Shell-Thin	107	STERRA	LinStatic	0	0	0
106	106	Shell-Thin	122	STERRA	LinStatic	0	0	0
106	106	Shell-Thin	123	STERRA	LinStatic	0	0	0
106	106	Shell-Thin	108	SACC	LinStatic	0	0	0
106	106	Shell-Thin	107	SACC	LinStatic	0	0	0
106	106	Shell-Thin	122	SACC	LinStatic	0	0	0
106	106	Shell-Thin	123	SACC	LinStatic	0	0	0
107	107	Shell-Thin	109	DEAD	LinStatic	40,78	-1,49	15,64
107	107	Shell-Thin	108	DEAD	LinStatic	41,88	3,98	19,84
107	107	Shell-Thin	123	DEAD	LinStatic	57,49	7,1	15,74
107	107	Shell-Thin	124	DEAD	LinStatic	56,39	1,63	11,54
107	107	Shell-Thin	109	STERRA	LinStatic	0	0	0
107	107	Shell-Thin	108	STERRA	LinStatic	0	0	0
107	107	Shell-Thin	123	STERRA	LinStatic	0	0	0
107	107	Shell-Thin	124	STERRA	LinStatic	0	0	0
107	107	Shell-Thin	109	SACC	LinStatic	0	0	0
107	107	Shell-Thin	108	SACC	LinStatic	0	0	0
107	107	Shell-Thin	123	SACC	LinStatic	0	0	0
107	107	Shell-Thin	124	SACC	LinStatic	0	0	0
108	108	Shell-Thin	110	DEAD	LinStatic	36,94	-1,05	10,61
108	108	Shell-Thin	109	DEAD	LinStatic	36,69	-2,31	13,04
108	108	Shell-Thin	124	DEAD	LinStatic	42,55	-1,14	9,11
108	108	Shell-Thin	125	DEAD	LinStatic	42,8	0,13	6,68
108	108	Shell-Thin	110	STERRA	LinStatic	0	0	0
108	108	Shell-Thin	109	STERRA	LinStatic	0	0	0
108	108	Shell-Thin	124	STERRA	LinStatic	0	0	0
108	108	Shell-Thin	125	STERRA	LinStatic	0	0	0
108	108	Shell-Thin	110	SACC	LinStatic	0	0	0
108	108	Shell-Thin	109	SACC	LinStatic	0	0	0
108	108	Shell-Thin	124	SACC	LinStatic	0	0	0
108	108	Shell-Thin	125	SACC	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
109	109	Shell-Thin	111	DEAD	LinStatic	30,36	-1,86	8,12
109	109	Shell-Thin	110	DEAD	LinStatic	30,25	-2,38	8,95
109	109	Shell-Thin	125	DEAD	LinStatic	34,77	-1,48	6,28
109	109	Shell-Thin	126	DEAD	LinStatic	34,87	-0,96	5,45
109	109	Shell-Thin	111	STERRA	LinStatic	0	0	0
109	109	Shell-Thin	110	STERRA	LinStatic	0	0	0
109	109	Shell-Thin	125	STERRA	LinStatic	0	0	0
109	109	Shell-Thin	126	STERRA	LinStatic	0	0	0
109	109	Shell-Thin	111	SACC	LinStatic	0	0	0
109	109	Shell-Thin	110	SACC	LinStatic	0	0	0
109	109	Shell-Thin	125	SACC	LinStatic	0	0	0
109	109	Shell-Thin	126	SACC	LinStatic	0	0	0
110	110	Shell-Thin	112	DEAD	LinStatic	25,3	-2,17	6,23
110	110	Shell-Thin	111	DEAD	LinStatic	25,15	-2,9	7,04
110	110	Shell-Thin	126	DEAD	LinStatic	28,42	-2,25	4,69
110	110	Shell-Thin	127	DEAD	LinStatic	28,56	-1,52	3,88
110	110	Shell-Thin	112	STERRA	LinStatic	0	0	0
110	110	Shell-Thin	111	STERRA	LinStatic	0	0	0
110	110	Shell-Thin	126	STERRA	LinStatic	0	0	0
110	110	Shell-Thin	127	STERRA	LinStatic	0	0	0
110	110	Shell-Thin	112	SACC	LinStatic	0	0	0
110	110	Shell-Thin	111	SACC	LinStatic	0	0	0
110	110	Shell-Thin	126	SACC	LinStatic	0	0	0
110	110	Shell-Thin	127	SACC	LinStatic	0	0	0
111	111	Shell-Thin	113	DEAD	LinStatic	20,86	-2,48	5,09
111	111	Shell-Thin	112	DEAD	LinStatic	20,74	-3,08	5,47
111	111	Shell-Thin	127	DEAD	LinStatic	23,68	-2,49	3,61
111	111	Shell-Thin	128	DEAD	LinStatic	23,8	-1,89	3,23
111	111	Shell-Thin	113	STERRA	LinStatic	0	0	0
111	111	Shell-Thin	112	STERRA	LinStatic	0	0	0
111	111	Shell-Thin	127	STERRA	LinStatic	0	0	0
111	111	Shell-Thin	128	STERRA	LinStatic	0	0	0
111	111	Shell-Thin	113	SACC	LinStatic	0	0	0
111	111	Shell-Thin	112	SACC	LinStatic	0	0	0
111	111	Shell-Thin	127	SACC	LinStatic	0	0	0
111	111	Shell-Thin	128	SACC	LinStatic	0	0	0
112	112	Shell-Thin	114	DEAD	LinStatic	17,15	-2,68	4,31
112	112	Shell-Thin	113	DEAD	LinStatic	17,04	-3,25	4,59
112	112	Shell-Thin	128	DEAD	LinStatic	19,72	-2,71	3
112	112	Shell-Thin	129	DEAD	LinStatic	19,83	-2,15	2,72
112	112	Shell-Thin	114	STERRA	LinStatic	0	0	0
112	112	Shell-Thin	113	STERRA	LinStatic	0	0	0
112	112	Shell-Thin	128	STERRA	LinStatic	0	0	0
112	112	Shell-Thin	129	STERRA	LinStatic	0	0	0
112	112	Shell-Thin	114	SACC	LinStatic	0	0	0
112	112	Shell-Thin	113	SACC	LinStatic	0	0	0
112	112	Shell-Thin	128	SACC	LinStatic	0	0	0
112	112	Shell-Thin	129	SACC	LinStatic	0	0	0
113	113	Shell-Thin	115	DEAD	LinStatic	13,83	-2,86	3,94
113	113	Shell-Thin	114	DEAD	LinStatic	13,73	-3,37	4,06
113	113	Shell-Thin	129	DEAD	LinStatic	16,34	-2,84	2,58
113	113	Shell-Thin	130	DEAD	LinStatic	16,45	-2,34	2,46
113	113	Shell-Thin	115	STERRA	LinStatic	0	0	0
113	113	Shell-Thin	114	STERRA	LinStatic	0	0	0
113	113	Shell-Thin	129	STERRA	LinStatic	0	0	0
113	113	Shell-Thin	130	STERRA	LinStatic	0	0	0
113	113	Shell-Thin	115	SACC	LinStatic	0	0	0
113	113	Shell-Thin	114	SACC	LinStatic	0	0	0
113	113	Shell-Thin	129	SACC	LinStatic	0	0	0
113	113	Shell-Thin	130	SACC	LinStatic	0	0	0
114	114	Shell-Thin	116	DEAD	LinStatic	10,85	-2,94	3,71
114	114	Shell-Thin	115	DEAD	LinStatic	10,74	-3,48	3,75
114	114	Shell-Thin	130	DEAD	LinStatic	13,24	-2,98	2,46
114	114	Shell-Thin	131	DEAD	LinStatic	13,35	-2,44	2,42
114	114	Shell-Thin	116	STERRA	LinStatic	0	0	0
114	114	Shell-Thin	115	STERRA	LinStatic	0	0	0
114	114	Shell-Thin	130	STERRA	LinStatic	0	0	0
114	114	Shell-Thin	131	STERRA	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
114	114	Shell-Thin	116	SACC	LinStatic	0	0	0
114	114	Shell-Thin	115	SACC	LinStatic	0	0	0
114	114	Shell-Thin	130	SACC	LinStatic	0	0	0
114	114	Shell-Thin	131	SACC	LinStatic	0	0	0
115	115	Shell-Thin	117	DEAD	LinStatic	8,02	-3,01	3,71
115	115	Shell-Thin	116	DEAD	LinStatic	7,92	-3,52	3,7
115	115	Shell-Thin	131	DEAD	LinStatic	10,31	-3,04	2,36
115	115	Shell-Thin	132	DEAD	LinStatic	10,41	-2,53	2,36
115	115	Shell-Thin	117	STERRA	LinStatic	0	0	0
115	115	Shell-Thin	116	STERRA	LinStatic	0	0	0
115	115	Shell-Thin	131	STERRA	LinStatic	0	0	0
115	115	Shell-Thin	132	STERRA	LinStatic	0	0	0
115	115	Shell-Thin	117	SACC	LinStatic	0	0	0
115	115	Shell-Thin	116	SACC	LinStatic	0	0	0
115	115	Shell-Thin	131	SACC	LinStatic	0	0	0
115	115	Shell-Thin	132	SACC	LinStatic	0	0	0
116	116	Shell-Thin	118	DEAD	LinStatic	5,5	-2,92	3,65
116	116	Shell-Thin	117	DEAD	LinStatic	5,38	-3,54	3,63
116	116	Shell-Thin	132	DEAD	LinStatic	7,42	-3,13	2,45
116	116	Shell-Thin	133	DEAD	LinStatic	7,54	-2,51	2,47
116	116	Shell-Thin	118	STERRA	LinStatic	0	0	0
116	116	Shell-Thin	117	STERRA	LinStatic	0	0	0
116	116	Shell-Thin	132	STERRA	LinStatic	0	0	0
116	116	Shell-Thin	133	STERRA	LinStatic	0	0	0
116	116	Shell-Thin	118	SACC	LinStatic	0	0	0
116	116	Shell-Thin	117	SACC	LinStatic	0	0	0
116	116	Shell-Thin	132	SACC	LinStatic	0	0	0
116	116	Shell-Thin	133	SACC	LinStatic	0	0	0
117	117	Shell-Thin	119	DEAD	LinStatic	3,02	-2,78	3,44
117	117	Shell-Thin	118	DEAD	LinStatic	2,88	-3,45	3,56
117	117	Shell-Thin	133	DEAD	LinStatic	4,74	-3,07	2,43
117	117	Shell-Thin	134	DEAD	LinStatic	4,88	-2,41	2,31
117	117	Shell-Thin	119	STERRA	LinStatic	0	0	0
117	117	Shell-Thin	118	STERRA	LinStatic	0	0	0
117	117	Shell-Thin	133	STERRA	LinStatic	0	0	0
117	117	Shell-Thin	134	STERRA	LinStatic	0	0	0
117	117	Shell-Thin	119	SACC	LinStatic	0	0	0
117	117	Shell-Thin	118	SACC	LinStatic	0	0	0
117	117	Shell-Thin	133	SACC	LinStatic	0	0	0
117	117	Shell-Thin	134	SACC	LinStatic	0	0	0
118	118	Shell-Thin	120	DEAD	LinStatic	1,56	-2,38	2,82
118	118	Shell-Thin	119	DEAD	LinStatic	1,41	-3,1	3,16
118	118	Shell-Thin	134	DEAD	LinStatic	2,25	-2,93	2,28
118	118	Shell-Thin	135	DEAD	LinStatic	2,4	-2,21	1,94
118	118	Shell-Thin	120	STERRA	LinStatic	0	0	0
118	118	Shell-Thin	119	STERRA	LinStatic	0	0	0
118	118	Shell-Thin	134	STERRA	LinStatic	0	0	0
118	118	Shell-Thin	135	STERRA	LinStatic	0	0	0
118	118	Shell-Thin	120	SACC	LinStatic	0	0	0
118	118	Shell-Thin	119	SACC	LinStatic	0	0	0
118	118	Shell-Thin	134	SACC	LinStatic	0	0	0
118	118	Shell-Thin	135	SACC	LinStatic	0	0	0
119	119	Shell-Thin	121	DEAD	LinStatic	-0,77	-0,75	1,49
119	119	Shell-Thin	120	DEAD	LinStatic	-1,2	-2,93	1,93
119	119	Shell-Thin	135	DEAD	LinStatic	0,78	-2,54	1,37
119	119	Shell-Thin	136	DEAD	LinStatic	1,21	-0,35	0,93
119	119	Shell-Thin	121	STERRA	LinStatic	0	0	0
119	119	Shell-Thin	120	STERRA	LinStatic	0	0	0
119	119	Shell-Thin	135	STERRA	LinStatic	0	0	0
119	119	Shell-Thin	136	STERRA	LinStatic	0	0	0
119	119	Shell-Thin	121	SACC	LinStatic	0	0	0
119	119	Shell-Thin	120	SACC	LinStatic	0	0	0
119	119	Shell-Thin	135	SACC	LinStatic	0	0	0
119	119	Shell-Thin	136	SACC	LinStatic	0	0	0
120	120	Shell-Thin	123	DEAD	LinStatic	59,11	-2,59	17,54
120	120	Shell-Thin	122	DEAD	LinStatic	62,12	12,42	12,98
120	120	Shell-Thin	137	DEAD	LinStatic	103,7	20,74	12,26
120	120	Shell-Thin	138	DEAD	LinStatic	100,7	5,72	16,82

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
120	120	Shell-Thin	123	STERRA	LinStatic	0	0	0
120	120	Shell-Thin	122	STERRA	LinStatic	0	0	0
120	120	Shell-Thin	137	STERRA	LinStatic	0	0	0
120	120	Shell-Thin	138	STERRA	LinStatic	0	0	0
120	120	Shell-Thin	123	SACC	LinStatic	0	0	0
120	120	Shell-Thin	122	SACC	LinStatic	0	0	0
120	120	Shell-Thin	137	SACC	LinStatic	0	0	0
120	120	Shell-Thin	138	SACC	LinStatic	0	0	0
121	121	Shell-Thin	124	DEAD	LinStatic	56,3	1,15	6,69
121	121	Shell-Thin	123	DEAD	LinStatic	55,4	-3,34	9,71
121	121	Shell-Thin	138	DEAD	LinStatic	58,51	-2,71	4,72
121	121	Shell-Thin	139	DEAD	LinStatic	59,41	1,77	1,71
121	121	Shell-Thin	124	STERRA	LinStatic	0	0	0
121	121	Shell-Thin	123	STERRA	LinStatic	0	0	0
121	121	Shell-Thin	138	STERRA	LinStatic	0	0	0
121	121	Shell-Thin	139	STERRA	LinStatic	0	0	0
121	121	Shell-Thin	124	SACC	LinStatic	0	0	0
121	121	Shell-Thin	123	SACC	LinStatic	0	0	0
121	121	Shell-Thin	138	SACC	LinStatic	0	0	0
121	121	Shell-Thin	139	SACC	LinStatic	0	0	0
122	122	Shell-Thin	125	DEAD	LinStatic	42,78	-0,007354	4
122	122	Shell-Thin	124	DEAD	LinStatic	42,45	-1,62	4,27
122	122	Shell-Thin	139	DEAD	LinStatic	46	-0,91	3,28
122	122	Shell-Thin	140	DEAD	LinStatic	46,32	0,7	3
122	122	Shell-Thin	125	STERRA	LinStatic	0	0	0
122	122	Shell-Thin	124	STERRA	LinStatic	0	0	0
122	122	Shell-Thin	139	STERRA	LinStatic	0	0	0
122	122	Shell-Thin	140	STERRA	LinStatic	0	0	0
122	122	Shell-Thin	125	SACC	LinStatic	0	0	0
122	122	Shell-Thin	124	SACC	LinStatic	0	0	0
122	122	Shell-Thin	139	SACC	LinStatic	0	0	0
122	122	Shell-Thin	140	SACC	LinStatic	0	0	0
123	123	Shell-Thin	126	DEAD	LinStatic	35	-0,31	3,15
123	123	Shell-Thin	125	DEAD	LinStatic	34,74	-1,61	3,6
123	123	Shell-Thin	140	DEAD	LinStatic	36,72	-1,22	1,89
123	123	Shell-Thin	141	DEAD	LinStatic	36,99	0,08965	1,44
123	123	Shell-Thin	126	STERRA	LinStatic	0	0	0
123	123	Shell-Thin	125	STERRA	LinStatic	0	0	0
123	123	Shell-Thin	140	STERRA	LinStatic	0	0	0
123	123	Shell-Thin	141	STERRA	LinStatic	0	0	0
123	123	Shell-Thin	126	SACC	LinStatic	0	0	0
123	123	Shell-Thin	125	SACC	LinStatic	0	0	0
123	123	Shell-Thin	140	SACC	LinStatic	0	0	0
123	123	Shell-Thin	141	SACC	LinStatic	0	0	0
124	124	Shell-Thin	127	DEAD	LinStatic	28,76	-0,52	2,24
124	124	Shell-Thin	126	DEAD	LinStatic	28,55	-1,6	2,4
124	124	Shell-Thin	141	DEAD	LinStatic	30,57	-1,19	1,52
124	124	Shell-Thin	142	DEAD	LinStatic	30,79	-0,11	1,36
124	124	Shell-Thin	127	STERRA	LinStatic	0	0	0
124	124	Shell-Thin	126	STERRA	LinStatic	0	0	0
124	124	Shell-Thin	141	STERRA	LinStatic	0	0	0
124	124	Shell-Thin	142	STERRA	LinStatic	0	0	0
124	124	Shell-Thin	127	SACC	LinStatic	0	0	0
124	124	Shell-Thin	126	SACC	LinStatic	0	0	0
124	124	Shell-Thin	141	SACC	LinStatic	0	0	0
124	124	Shell-Thin	142	SACC	LinStatic	0	0	0
125	125	Shell-Thin	128	DEAD	LinStatic	24,04	-0,7	1,82
125	125	Shell-Thin	127	DEAD	LinStatic	23,88	-1,49	1,97
125	125	Shell-Thin	142	DEAD	LinStatic	25,84	-1,1	1,12
125	125	Shell-Thin	143	DEAD	LinStatic	26	-0,31	0,97
125	125	Shell-Thin	128	STERRA	LinStatic	0	0	0
125	125	Shell-Thin	127	STERRA	LinStatic	0	0	0
125	125	Shell-Thin	142	STERRA	LinStatic	0	0	0
125	125	Shell-Thin	143	STERRA	LinStatic	0	0	0
125	125	Shell-Thin	128	SACC	LinStatic	0	0	0
125	125	Shell-Thin	127	SACC	LinStatic	0	0	0
125	125	Shell-Thin	142	SACC	LinStatic	0	0	0
125	125	Shell-Thin	143	SACC	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
126	126	Shell-Thin	129	DEAD	LinStatic	20,1	-0,82	1,53
126	126	Shell-Thin	128	DEAD	LinStatic	19,96	-1,51	1,6
126	126	Shell-Thin	143	DEAD	LinStatic	22,12	-1,08	0,91
126	126	Shell-Thin	144	DEAD	LinStatic	22,26	-0,38	0,85
126	126	Shell-Thin	129	STERRA	LinStatic	0	0	0
126	126	Shell-Thin	128	STERRA	LinStatic	0	0	0
126	126	Shell-Thin	143	STERRA	LinStatic	0	0	0
126	126	Shell-Thin	144	STERRA	LinStatic	0	0	0
126	126	Shell-Thin	129	SACC	LinStatic	0	0	0
126	126	Shell-Thin	128	SACC	LinStatic	0	0	0
126	126	Shell-Thin	143	SACC	LinStatic	0	0	0
126	126	Shell-Thin	144	SACC	LinStatic	0	0	0
127	127	Shell-Thin	130	DEAD	LinStatic	16,74	-0,89	1,36
127	127	Shell-Thin	129	DEAD	LinStatic	16,61	-1,51	1,4
127	127	Shell-Thin	144	DEAD	LinStatic	18,89	-1,06	0,82
127	127	Shell-Thin	145	DEAD	LinStatic	19,02	-0,43	0,79
127	127	Shell-Thin	130	STERRA	LinStatic	0	0	0
127	127	Shell-Thin	129	STERRA	LinStatic	0	0	0
127	127	Shell-Thin	144	STERRA	LinStatic	0	0	0
127	127	Shell-Thin	145	STERRA	LinStatic	0	0	0
127	127	Shell-Thin	130	SACC	LinStatic	0	0	0
127	127	Shell-Thin	129	SACC	LinStatic	0	0	0
127	127	Shell-Thin	144	SACC	LinStatic	0	0	0
127	127	Shell-Thin	145	SACC	LinStatic	0	0	0
128	128	Shell-Thin	131	DEAD	LinStatic	13,65	-0,94	1,36
128	128	Shell-Thin	130	DEAD	LinStatic	13,53	-1,53	1,36
128	128	Shell-Thin	145	DEAD	LinStatic	15,91	-1,05	0,74
128	128	Shell-Thin	146	DEAD	LinStatic	16,03	-0,47	0,73
128	128	Shell-Thin	131	STERRA	LinStatic	0	0	0
128	128	Shell-Thin	130	STERRA	LinStatic	0	0	0
128	128	Shell-Thin	145	STERRA	LinStatic	0	0	0
128	128	Shell-Thin	146	STERRA	LinStatic	0	0	0
128	128	Shell-Thin	131	SACC	LinStatic	0	0	0
128	128	Shell-Thin	130	SACC	LinStatic	0	0	0
128	128	Shell-Thin	145	SACC	LinStatic	0	0	0
128	128	Shell-Thin	146	SACC	LinStatic	0	0	0
129	129	Shell-Thin	132	DEAD	LinStatic	10,73	-0,92	1,32
129	129	Shell-Thin	131	DEAD	LinStatic	10,61	-1,55	1,3
129	129	Shell-Thin	146	DEAD	LinStatic	12,9	-1,09	0,8
129	129	Shell-Thin	147	DEAD	LinStatic	13,03	-0,46	0,81
129	129	Shell-Thin	132	STERRA	LinStatic	0	0	0
129	129	Shell-Thin	131	STERRA	LinStatic	0	0	0
129	129	Shell-Thin	146	STERRA	LinStatic	0	0	0
129	129	Shell-Thin	147	STERRA	LinStatic	0	0	0
129	129	Shell-Thin	132	SACC	LinStatic	0	0	0
129	129	Shell-Thin	131	SACC	LinStatic	0	0	0
129	129	Shell-Thin	146	SACC	LinStatic	0	0	0
129	129	Shell-Thin	147	SACC	LinStatic	0	0	0
130	130	Shell-Thin	133	DEAD	LinStatic	7,86	-0,92	1,42
130	130	Shell-Thin	132	DEAD	LinStatic	7,74	-1,52	1,41
130	130	Shell-Thin	147	DEAD	LinStatic	9,76	-1,12	0,77
130	130	Shell-Thin	148	DEAD	LinStatic	9,89	-0,51	0,78
130	130	Shell-Thin	133	STERRA	LinStatic	0	0	0
130	130	Shell-Thin	132	STERRA	LinStatic	0	0	0
130	130	Shell-Thin	147	STERRA	LinStatic	0	0	0
130	130	Shell-Thin	148	STERRA	LinStatic	0	0	0
130	130	Shell-Thin	133	SACC	LinStatic	0	0	0
130	130	Shell-Thin	132	SACC	LinStatic	0	0	0
130	130	Shell-Thin	147	SACC	LinStatic	0	0	0
130	130	Shell-Thin	148	SACC	LinStatic	0	0	0
131	131	Shell-Thin	134	DEAD	LinStatic	5,2	-0,77	1,37
131	131	Shell-Thin	133	DEAD	LinStatic	5,06	-1,47	1,37
131	131	Shell-Thin	148	DEAD	LinStatic	6,36	-1,21	0,87
131	131	Shell-Thin	149	DEAD	LinStatic	6,5	-0,51	0,87
131	131	Shell-Thin	134	STERRA	LinStatic	0	0	0
131	131	Shell-Thin	133	STERRA	LinStatic	0	0	0
131	131	Shell-Thin	148	STERRA	LinStatic	0	0	0
131	131	Shell-Thin	149	STERRA	LinStatic	0	0	0

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

Area	AreaElem	ShellType	Joint	OutputCase	CaseType	F11	F22	F12
						KN/m	KN/m	KN/m
131	131	Shell-Thin	134	SACC	LinStatic	0	0	0
131	131	Shell-Thin	133	SACC	LinStatic	0	0	0
131	131	Shell-Thin	148	SACC	LinStatic	0	0	0
131	131	Shell-Thin	149	SACC	LinStatic	0	0	0
132	132	Shell-Thin	135	DEAD	LinStatic	2,71	-0,67	1,21
132	132	Shell-Thin	134	DEAD	LinStatic	2,58	-1,3	1,35
132	132	Shell-Thin	149	DEAD	LinStatic	3,05	-1,2	0,8
132	132	Shell-Thin	150	DEAD	LinStatic	3,18	-0,57	0,67
132	132	Shell-Thin	135	STERRA	LinStatic	0	0	0
132	132	Shell-Thin	134	STERRA	LinStatic	0	0	0
132	132	Shell-Thin	149	STERRA	LinStatic	0	0	0
132	132	Shell-Thin	150	STERRA	LinStatic	0	0	0
132	132	Shell-Thin	135	SACC	LinStatic	0	0	0
132	132	Shell-Thin	134	SACC	LinStatic	0	0	0
132	132	Shell-Thin	149	SACC	LinStatic	0	0	0
132	132	Shell-Thin	150	SACC	LinStatic	0	0	0
133	133	Shell-Thin	136	DEAD	LinStatic	1,21	-0,36	0,6
133	133	Shell-Thin	135	DEAD	LinStatic	1,09	-0,99	0,65
133	133	Shell-Thin	150	DEAD	LinStatic	0,5	-1,11	0,48
133	133	Shell-Thin	151	DEAD	LinStatic	0,63	-0,48	0,42
133	133	Shell-Thin	136	STERRA	LinStatic	0	0	0
133	133	Shell-Thin	135	STERRA	LinStatic	0	0	0
133	133	Shell-Thin	150	STERRA	LinStatic	0	0	0
133	133	Shell-Thin	151	STERRA	LinStatic	0	0	0
133	133	Shell-Thin	136	SACC	LinStatic	0	0	0
133	133	Shell-Thin	135	SACC	LinStatic	0	0	0
133	133	Shell-Thin	150	SACC	LinStatic	0	0	0
133	133	Shell-Thin	151	SACC	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	FMin	FAngle	FVM	M11
				KN/m	KN/m	Degrees	KN/m	KN-m/m
1	1	1	DEAD	0,69	-0,82	46,747	1,31	0
1	1	3	DEAD	0,79	-0,71	43,999	1,31	0
1	1	2	DEAD	1,31	-1,25	44,56	2,22	0
1	1	1	STERRA	0	0	0	0	0,7715
1	1	3	STERRA	0	0	0	0	0,7878
1	1	2	STERRA	0	0	0	0	0,5314
1	1	1	SACC	0	0	0	0	0,3012
1	1	3	SACC	0	0	0	0	0,3076
1	1	2	SACC	0	0	0	0	0,2075
2	2	4	DEAD	1,56	-24,1	53,45	24,92	0
2	2	6	DEAD	0,58	-28,94	56,305	29,23	0
2	2	7	DEAD	1,47	-25,79	60,505	26,55	0
2	2	4	STERRA	0	0	0	0	13,6362
2	2	6	STERRA	0	0	0	0	19,4109
2	2	7	STERRA	0	0	0	0	16,7728
2	2	4	SACC	0	0	0	0	9,1575
2	2	6	SACC	0	0	0	0	13,5188
2	2	7	SACC	0	0	0	0	12,1207
3	3	4	DEAD	1,03	-44,35	60,31	44,87	0
3	3	3	DEAD	-2,37	-36,62	69,692	35,49	0
3	3	5	DEAD	3,18	-29,89	61,284	31,6	0
3	3	6	DEAD	8,01	-39,04	54,242	43,6	0
3	3	4	STERRA	0	0	0	0	12,0904
3	3	3	STERRA	0	0	0	0	19,4573
3	3	5	STERRA	0	0	0	0	29,1895
3	3	6	STERRA	0	0	0	0	19,6438
3	3	4	SACC	0	0	0	0	8,178
3	3	3	SACC	0	0	0	0	11,7657
3	3	5	SACC	0	0	0	0	18,3447
3	3	6	SACC	0	0	0	0	13,689
4	4	7	DEAD	2,01	-36,8	48,858	37,85	0
4	4	10	DEAD	1,55	-36,46	49,001	37,26	0
4	4	11	DEAD	0,84	-36,99	48,391	37,41	0
4	4	7	STERRA	0	0	0	0	19,4435

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
4	4	10	STERRA	0	0	0	0	18,1596
4	4	11	STERRA	0	0	0	0	16,7944
4	4	7	SACC	0	0	0	0	14,4242
4	4	10	SACC	0	0	0	0	13,9472
4	4	11	SACC	0	0	0	0	13,2678
5	5	6	DEAD	10,98	-42,26	53,044	48,69	0
5	5	5	DEAD	3,18	-29,89	61,284	31,6	0
5	5	8	DEAD	4,01	-31,56	60,548	33,74	0
5	5	9	DEAD	11,88	-44	52,956	50,99	0
5	5	6	STERRA	0	0	0	0	19,7492
5	5	5	STERRA	0	0	0	0	29,1895
5	5	8	STERRA	0	0	0	0	37,1729
5	5	9	STERRA	0	0	0	0	24,8177
5	5	6	SACC	0	0	0	0	13,7727
5	5	5	SACC	0	0	0	0	18,3447
5	5	8	SACC	0	0	0	0	24,1046
5	5	9	SACC	0	0	0	0	17,5681
6	6	7	DEAD	-0,33	-34,32	48,861	34,16	0
6	6	6	DEAD	7,17	-32,49	52,89	36,61	0
6	6	9	DEAD	7,75	-37,47	53,828	41,89	0
6	6	10	DEAD	0,14	-39,19	50,496	39,26	0
6	6	7	STERRA	0	0	0	0	15,7644
6	6	6	STERRA	0	0	0	0	19,5163
6	6	9	STERRA	0	0	0	0	24,85
6	6	10	STERRA	0	0	0	0	18,8314
6	6	7	SACC	0	0	0	0	11,3592
6	6	6	SACC	0	0	0	0	13,6024
6	6	9	SACC	0	0	0	0	17,5674
6	6	10	SACC	0	0	0	0	14,5464
7	7	11	DEAD	1,25	-41,91	47,411	42,55	0
7	7	15	DEAD	1,13	-40,68	46,984	41,25	0
7	7	16	DEAD	0,48	-41,99	46,069	42,23	0
7	7	11	STERRA	0	0	0	0	17,27
7	7	15	STERRA	0	0	0	0	14,8116
7	7	16	STERRA	0	0	0	0	13,5037
7	7	11	SACC	0	0	0	0	14,1765
7	7	15	SACC	0	0	0	0	12,6248
7	7	16	SACC	0	0	0	0	11,8966
8	8	9	DEAD	12,84	-44,07	53,117	51,7	0
8	8	8	DEAD	4,01	-31,56	60,548	33,74	0
8	8	12	DEAD	4,61	-32,63	60,051	35,16	0
8	8	13	DEAD	13,49	-45,2	53,021	53,24	0
8	8	9	STERRA	0	0	0	0	24,8161
8	8	8	STERRA	0	0	0	0	37,1729
8	8	12	STERRA	0	0	0	0	43,5783
8	8	13	STERRA	0	0	0	0	28,7503
8	8	9	SACC	0	0	0	0	17,5617
8	8	8	SACC	0	0	0	0	24,1046
8	8	12	SACC	0	0	0	0	29,063
8	8	13	SACC	0	0	0	0	20,7207
9	9	10	DEAD	3,59	-37,55	52,674	39,47	0
9	9	9	DEAD	8,71	-37,55	54,008	42,58	0
9	9	13	DEAD	8,29	-38,31	54,455	43,06	0
9	9	14	DEAD	3,15	-38,3	53,187	39,96	0
9	9	10	STERRA	0	0	0	0	18,8925
9	9	9	STERRA	0	0	0	0	24,8484
9	9	13	STERRA	0	0	0	0	28,7868
9	9	14	STERRA	0	0	0	0	19,6978
9	9	10	SACC	0	0	0	0	14,6113
9	9	9	SACC	0	0	0	0	17,5609
9	9	13	SACC	0	0	0	0	20,7474
9	9	14	SACC	0	0	0	0	15,4842
10	10	11	DEAD	-0,49	-39,16	46,543	38,92	0
10	10	10	DEAD	4,46	-34,66	51,186	37,09	0
10	10	14	DEAD	4,4	-37,44	52,108	39,83	0
10	10	15	DEAD	-0,66	-41,82	47,772	41,5	0
10	10	11	STERRA	0	0	0	0	16,4882
10	10	10	STERRA	0	0	0	0	18,2207

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
10	10	14	STERRA	0	0	0	0	19,9083
10	10	15	STERRA	0	0	0	0	14,8287
10	10	11	SACC	0	0	0	0	12,9373
10	10	10	SACC	0	0	0	0	14,0121
10	10	14	SACC	0	0	0	0	15,6414
10	10	15	SACC	0	0	0	0	12,7921
11	11	16	DEAD	1,1	-44,37	47,118	44,93	0
11	11	21	DEAD	1,25	-42,68	46,386	43,32	0
11	11	22	DEAD	0,75	-44,37	45,421	44,75	0
11	11	16	STERRA	0	0	0	0	12,9404
11	11	21	STERRA	0	0	0	0	10,3866
11	11	22	STERRA	0	0	0	0	9,1976
11	11	16	SACC	0	0	0	0	12,0682
11	11	21	SACC	0	0	0	0	10,1957
11	11	22	SACC	0	0	0	0	9,4751
12	12	22	DEAD	1,18	-45,41	46,915	46,01	0
12	12	28	DEAD	1,45	-43,26	45,959	44	0
12	12	29	DEAD	0,9	-45,41	44,813	45,86	0
12	12	22	STERRA	0	0	0	0	8,3187
12	12	28	STERRA	0	0	0	0	6,2752
12	12	29	STERRA	0	0	0	0	5,3337
12	12	22	SACC	0	0	0	0	9,3886
12	12	28	SACC	0	0	0	0	7,7049
12	12	29	SACC	0	0	0	0	7,1089
13	13	13	DEAD	14,66	-45,11	53,29	53,95	0
13	13	12	DEAD	4,61	-32,63	60,051	35,16	0
13	13	17	DEAD	5,16	-32,07	59,409	34,93	0
13	13	18	DEAD	15,3	-44,65	52,9	53,95	0
13	13	13	STERRA	0	0	0	0	28,7471
13	13	12	STERRA	0	0	0	0	43,5783
13	13	17	STERRA	0	0	0	0	47,7605
13	13	18	STERRA	0	0	0	0	31,2226
13	13	13	SACC	0	0	0	0	20,719
13	13	12	SACC	0	0	0	0	29,063
13	13	17	SACC	0	0	0	0	32,7396
13	13	18	SACC	0	0	0	0	22,8525
14	14	14	DEAD	4,83	-37,98	53,854	40,6	0
14	14	13	DEAD	9,46	-38,23	54,759	43,74	0
14	14	18	DEAD	10,21	-38,41	54,333	44,41	0
14	14	19	DEAD	5,58	-38,17	53,399	41,24	0
14	14	14	STERRA	0	0	0	0	19,7011
14	14	13	STERRA	0	0	0	0	28,7836
14	14	18	STERRA	0	0	0	0	31,2495
14	14	19	STERRA	0	0	0	0	20,528
14	14	14	SACC	0	0	0	0	15,4818
14	14	13	SACC	0	0	0	0	20,7457
14	14	18	SACC	0	0	0	0	22,864
14	14	19	SACC	0	0	0	0	16,4213
15	15	15	DEAD	2,88	-39,18	50,555	40,7	0
15	15	14	DEAD	6,07	-37,1	52,801	40,47	0
15	15	19	DEAD	5,95	-37,31	52,934	40,61	0
15	15	20	DEAD	2,76	-39,38	50,696	40,83	0
15	15	15	STERRA	0	0	0	0	14,8489
15	15	14	STERRA	0	0	0	0	19,9116
15	15	19	STERRA	0	0	0	0	20,5021
15	15	20	STERRA	0	0	0	0	14,0709
15	15	15	SACC	0	0	0	0	12,8326
15	15	14	SACC	0	0	0	0	15,639
15	15	19	SACC	0	0	0	0	16,401
15	15	20	SACC	0	0	0	0	12,4738
16	16	16	DEAD	-0,44	-41,72	46,139	41,5	0
16	16	15	DEAD	3,42	-37,8	49,77	39,62	0
16	16	20	DEAD	3,47	-38,67	50,043	40,51	0
16	16	21	DEAD	-0,42	-42,56	46,49	42,35	0
16	16	16	STERRA	0	0	0	0	13,4544
16	16	15	STERRA	0	0	0	0	14,8318
16	16	20	STERRA	0	0	0	0	14,1342
16	16	21	STERRA	0	0	0	0	10,139

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
16	16	16	SACC	0	0	0	0	11,7301
16	16	15	SACC	0	0	0	0	12,6653
16	16	20	SACC	0	0	0	0	12,5402
16	16	21	SACC	0	0	0	0	10,1647
17	17	29	DEAD	1,25	-44,86	46,626	45,5	0
17	17	36	DEAD	1,6	-42,37	45,468	43,19	0
17	17	37	DEAD	1,01	-44,87	44,159	45,39	0
17	17	29	STERRA	0	0	0	0	4,521
17	17	36	STERRA	0	0	0	0	3,3759
17	17	37	STERRA	0	0	0	0	2,737
17	17	29	SACC	0	0	0	0	7,0326
17	17	36	SACC	0	0	0	0	5,9335
17	17	37	SACC	0	0	0	0	5,5272
18	18	18	DEAD	16,14	-44,53	53,116	54,42	0
18	18	17	DEAD	5,16	-32,07	59,409	34,93	0
18	18	23	DEAD	6,34	-30,63	57,987	34,24	0
18	18	24	DEAD	17,52	-43,28	52,242	54,21	0
18	18	18	STERRA	0	0	0	0	31,2239
18	18	17	STERRA	0	0	0	0	47,7605
18	18	23	STERRA	0	0	0	0	49,6026
18	18	24	STERRA	0	0	0	0	32,3705
18	18	18	SACC	0	0	0	0	22,8529
18	18	17	SACC	0	0	0	0	32,7396
18	18	23	SACC	0	0	0	0	34,9065
18	18	24	SACC	0	0	0	0	24,0585
19	19	19	DEAD	6,98	-37,44	54,225	41,38	0
19	19	18	DEAD	11,06	-38,31	54,577	44,87	0
19	19	24	DEAD	11,91	-37,12	53,808	44,29	0
19	19	25	DEAD	7,84	-36,26	53,367	40,75	0
19	19	19	STERRA	0	0	0	0	20,5242
19	19	18	STERRA	0	0	0	0	31,2508
19	19	24	STERRA	0	0	0	0	32,3977
19	19	25	STERRA	0	0	0	0	20,7117
19	19	19	SACC	0	0	0	0	16,4194
19	19	18	SACC	0	0	0	0	22,8644
19	19	24	SACC	0	0	0	0	24,0765
19	19	25	SACC	0	0	0	0	16,7306
20	20	20	DEAD	4,56	-38,32	51,899	40,8	0
20	20	19	DEAD	7,34	-36,57	53,777	40,74	0
20	20	25	DEAD	8,28	-35,77	52,958	40,55	0
20	20	26	DEAD	5,55	-37,56	51,07	40,62	0
20	20	20	STERRA	0	0	0	0	14,0752
20	20	19	STERRA	0	0	0	0	20,4982
20	20	25	STERRA	0	0	0	0	20,7491
20	20	26	STERRA	0	0	0	0	13,2371
20	20	20	SACC	0	0	0	0	12,4724
20	20	19	SACC	0	0	0	0	16,3991
20	20	25	SACC	0	0	0	0	16,7539
20	20	26	SACC	0	0	0	0	12,0726
21	21	21	DEAD	2,59	-39,61	49,203	40,97	0
21	21	20	DEAD	5,25	-37,6	51,258	40,48	0
21	21	26	DEAD	5,41	-36,85	50,924	39,83	0
21	21	27	DEAD	2,77	-38,88	48,836	40,34	0
21	21	21	STERRA	0	0	0	0	10,1415
21	21	20	STERRA	0	0	0	0	14,1385
21	21	26	STERRA	0	0	0	0	13,2346
21	21	27	STERRA	0	0	0	0	8,8332
21	21	21	SACC	0	0	0	0	10,1951
21	21	20	SACC	0	0	0	0	12,5388
21	21	26	SACC	0	0	0	0	12,0683
21	21	27	SACC	0	0	0	0	9,32
22	22	22	DEAD	-0,63	-42,98	46,01	42,67	0
22	22	21	DEAD	2,69	-39,5	49,107	40,91	0
22	22	27	DEAD	3,33	-38,72	48,473	40,49	0
22	22	28	DEAD	0,06288	-42,26	45,374	42,29	0
22	22	22	STERRA	0	0	0	0	9,255
22	22	21	STERRA	0	0	0	0	10,3891
22	22	27	STERRA	0	0	0	0	8,8288

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
22	22	28	STERRA	0	0	0	0	5,9643
22	22	22	SACC	0	0	0	0	9,379
22	22	21	SACC	0	0	0	0	10,2261
22	22	27	SACC	0	0	0	0	9,34
22	22	28	SACC	0	0	0	0	7,6137
23	23	37	DEAD	1,27	-42,44	46,224	43,09	0
23	23	45	DEAD	1,67	-39,82	44,899	40,68	0
23	23	46	DEAD	1,07	-42,49	43,468	43,04	0
23	23	37	STERRA	0	0	0	0	2,1573
23	23	45	STERRA	0	0	0	0	2,0792
23	23	46	STERRA	0	0	0	0	1,7283
23	23	37	SACC	0	0	0	0	5,5662
23	23	45	SACC	0	0	0	0	5,2899
23	23	46	SACC	0	0	0	0	5,0757
24	24	24	DEAD	17,99	-43,06	52,436	54,33	0
24	24	23	DEAD	6,34	-30,63	57,987	34,24	0
24	24	30	DEAD	7,72	-28,05	56,129	32,6	0
24	24	31	DEAD	19,59	-40,7	51,238	53,27	0
24	24	24	STERRA	0	0	0	0	32,3705
24	24	23	STERRA	0	0	0	0	49,6026
24	24	30	STERRA	0	0	0	0	49,2544
24	24	31	STERRA	0	0	0	0	32,1483
24	24	24	SACC	0	0	0	0	24,0579
24	24	23	SACC	0	0	0	0	34,9065
24	24	30	SACC	0	0	0	0	35,5527
24	24	31	SACC	0	0	0	0	24,2481
25	25	25	DEAD	8,93	-35,78	53,95	40,99	0
25	25	24	DEAD	12,39	-36,91	54,041	44,41	0
25	25	31	DEAD	14,01	-34,87	52,628	43,59	0
25	25	32	DEAD	10,56	-33,75	52,391	40,09	0
25	25	25	STERRA	0	0	0	0	20,7124
25	25	24	STERRA	0	0	0	0	32,3978
25	25	31	STERRA	0	0	0	0	32,1708
25	25	32	STERRA	0	0	0	0	20,3115
25	25	25	SACC	0	0	0	0	16,7312
25	25	24	SACC	0	0	0	0	24,0759
25	25	31	SACC	0	0	0	0	24,2633
25	25	32	SACC	0	0	0	0	16,5303
26	26	26	DEAD	6,93	-36,35	52,219	40,27	0
26	26	25	DEAD	9,36	-35,29	53,548	40,78	0
26	26	32	DEAD	10,6	-33,37	52,26	39,75	0
26	26	33	DEAD	8,21	-34,49	50,871	39,24	0
26	26	26	STERRA	0	0	0	0	13,2335
26	26	25	STERRA	0	0	0	0	20,7498
26	26	32	STERRA	0	0	0	0	20,3289
26	26	33	STERRA	0	0	0	0	12,5143
26	26	26	SACC	0	0	0	0	12,0707
26	26	25	SACC	0	0	0	0	16,7545
26	26	32	SACC	0	0	0	0	16,5431
26	26	33	SACC	0	0	0	0	11,5467
27	27	27	DEAD	4,14	-37,41	50,166	39,64	0
27	27	26	DEAD	6,79	-35,63	52,097	39,47	0
27	27	33	DEAD	8,06	-33,76	50,727	38,43	0
27	27	34	DEAD	5,48	-35,61	48,743	38,64	0
27	27	27	STERRA	0	0	0	0	8,8381
27	27	26	STERRA	0	0	0	0	13,231
27	27	33	STERRA	0	0	0	0	12,5405
27	27	34	STERRA	0	0	0	0	7,6487
27	27	27	SACC	0	0	0	0	9,3195
27	27	26	SACC	0	0	0	0	12,0664
27	27	33	SACC	0	0	0	0	11,565
27	27	34	SACC	0	0	0	0	8,5377
28	28	28	DEAD	2,55	-39,2	47,922	40,53	0
28	28	27	DEAD	4,68	-37,24	49,79	39,79	0
28	28	34	DEAD	5,27	-35,45	48,808	38,36	0
28	28	35	DEAD	3,18	-37,46	46,884	39,15	0
28	28	28	STERRA	0	0	0	0	5,9574
28	28	27	STERRA	0	0	0	0	8,8337

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
28	28	34	STERRA	0	0	0	0	7,6561
28	28	35	STERRA	0	0	0	0	4,9086
28	28	28	SACC	0	0	0	0	7,6379
28	28	27	SACC	0	0	0	0	9,3396
28	28	34	SACC	0	0	0	0	8,5414
28	28	35	SACC	0	0	0	0	6,8724
29	29	29	DEAD	-0,86	-42,85	45,892	42,42	0
29	29	28	DEAD	1,98	-39,96	48,515	40,98	0
29	29	35	DEAD	3,4	-37,62	46,837	39,43	0
29	29	36	DEAD	0,67	-40,62	44,168	40,96	0
29	29	29	STERRA	0	0	0	0	5,4257
29	29	28	STERRA	0	0	0	0	6,2683
29	29	35	STERRA	0	0	0	0	4,8747
29	29	36	STERRA	0	0	0	0	3,1102
29	29	29	SACC	0	0	0	0	7,0395
29	29	28	SACC	0	0	0	0	7,7292
29	29	35	SACC	0	0	0	0	6,8701
29	29	36	SACC	0	0	0	0	5,8635
30	30	46	DEAD	1,23	-38,16	45,736	38,79	0
30	30	55	DEAD	1,62	-35,64	44,286	36,48	0
30	30	56	DEAD	1,06	-38,26	42,777	38,8	0
30	30	46	STERRA	0	0	0	0	1,3384
30	30	55	STERRA	0	0	0	0	2,2512
30	30	56	STERRA	0	0	0	0	2,091
30	30	46	SACC	0	0	0	0	5,1433
30	30	55	SACC	0	0	0	0	5,7056
30	30	56	SACC	0	0	0	0	5,6005
31	31	56	DEAD	1,15	-32,38	45,214	32,97	0
31	31	66	DEAD	1,5	-30,15	43,671	30,93	0
31	31	67	DEAD	0,99	-32,52	42,106	33,02	0
31	31	56	STERRA	0	0	0	0	1,6423
31	31	66	STERRA	0	0	0	0	3,1734
31	31	67	STERRA	0	0	0	0	3,0309
31	31	56	SACC	0	0	0	0	5,4005
31	31	66	SACC	0	0	0	0	6,507
31	31	67	SACC	0	0	0	0	6,3435
32	32	31	DEAD	19,93	-40,48	51,408	53,32	0
32	32	30	DEAD	7,72	-28,05	56,129	32,6	0
32	32	38	DEAD	9,72	-24,77	53,456	30,8	0
32	32	39	DEAD	22,18	-37,45	49,772	52,2	0
32	32	31	STERRA	0	0	0	0	32,1489
32	32	30	STERRA	0	0	0	0	49,2544
32	32	38	STERRA	0	0	0	0	46,8669
32	32	39	STERRA	0	0	0	0	30,5922
32	32	31	SACC	0	0	0	0	24,2479
32	32	30	SACC	0	0	0	0	35,5527
32	32	38	SACC	0	0	0	0	34,6678
32	32	39	SACC	0	0	0	0	23,3912
33	33	32	DEAD	11,18	-33,22	52,887	40	0
33	33	31	DEAD	14,36	-34,65	52,834	43,64	0
33	33	39	DEAD	16,39	-31,73	50,954	42,37	0
33	33	40	DEAD	13,21	-30,3	50,809	38,64	0
33	33	32	STERRA	0	0	0	0	20,311
33	33	31	STERRA	0	0	0	0	32,1714
33	33	39	STERRA	0	0	0	0	30,6127
33	33	40	STERRA	0	0	0	0	19,2437
33	33	32	SACC	0	0	0	0	16,5298
33	33	31	SACC	0	0	0	0	24,2632
33	33	39	SACC	0	0	0	0	23,407
33	33	40	SACC	0	0	0	0	15,7404
34	34	33	DEAD	9,18	-33,74	51,623	39,14	0
34	34	32	DEAD	11,22	-32,84	52,759	39,66	0
34	34	40	DEAD	13,23	-30,03	50,716	38,4	0
34	34	41	DEAD	11,26	-30,99	49,508	37,9	0
34	34	33	STERRA	0	0	0	0	12,5147
34	34	32	STERRA	0	0	0	0	20,3284
34	34	40	STERRA	0	0	0	0	19,264
34	34	41	STERRA	0	0	0	0	11,723

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
34	34	33	SACC	0	0	0	0	11,5473
34	34	32	SACC	0	0	0	0	16,5426
34	34	40	SACC	0	0	0	0	15,7558
34	34	41	SACC	0	0	0	0	10,8713
35	35	34	DEAD	6,56	-34,12	49,997	37,84	0
35	35	33	DEAD	9,03	-33,01	51,496	38,33	0
35	35	41	DEAD	10,77	-30,32	49,546	36,9	0
35	35	42	DEAD	8,39	-31,51	47,953	36,44	0
35	35	34	STERRA	0	0	0	0	7,6458
35	35	33	STERRA	0	0	0	0	12,5409
35	35	41	STERRA	0	0	0	0	11,7378
35	35	42	STERRA	0	0	0	0	7,0272
35	35	34	SACC	0	0	0	0	8,536
35	35	33	SACC	0	0	0	0	11,5656
35	35	41	SACC	0	0	0	0	10,8836
35	35	42	SACC	0	0	0	0	8,005
36	36	35	DEAD	3,97	-35,75	48,137	37,89	0
36	36	34	DEAD	6,35	-33,97	50,074	37,55	0
36	36	42	DEAD	8,09	-31,09	47,944	35,83	0
36	36	43	DEAD	5,82	-32,96	45,927	36,23	0
36	36	35	STERRA	0	0	0	0	4,9139
36	36	34	STERRA	0	0	0	0	7,6532
36	36	42	STERRA	0	0	0	0	7,0458
36	36	43	STERRA	0	0	0	0	4,2547
36	36	35	SACC	0	0	0	0	6,8732
36	36	34	SACC	0	0	0	0	8,5397
36	36	42	SACC	0	0	0	0	8,0194
36	36	43	SACC	0	0	0	0	6,4536
37	37	36	DEAD	2,53	-37,61	46,466	38,94	0
37	37	35	DEAD	4,19	-35,9	48,077	38,17	0
37	37	43	DEAD	5,28	-33,17	46,307	36,1	0
37	37	44	DEAD	3,69	-34,95	44,636	36,93	0
37	37	36	STERRA	0	0	0	0	3,0964
37	37	35	STERRA	0	0	0	0	4,88
37	37	43	STERRA	0	0	0	0	4,2674
37	37	44	STERRA	0	0	0	0	2,8019
37	37	36	SACC	0	0	0	0	5,8803
37	37	35	SACC	0	0	0	0	6,8709
37	37	43	SACC	0	0	0	0	6,462
37	37	44	SACC	0	0	0	0	5,6824
38	38	37	DEAD	-1,01	-41,13	45,759	40,64	0
38	38	36	DEAD	1,23	-39,1	47,785	39,73	0
38	38	44	DEAD	3,47	-35,33	44,933	37,19	0
38	38	45	DEAD	1,37	-37,51	42,83	38,21	0
38	38	37	STERRA	0	0	0	0	2,8333
38	38	36	STERRA	0	0	0	0	3,362
38	38	44	STERRA	0	0	0	0	2,7602
38	38	45	STERRA	0	0	0	0	1,9106
38	38	37	SACC	0	0	0	0	5,4731
38	38	36	SACC	0	0	0	0	5,9504
38	38	44	SACC	0	0	0	0	5,6728
38	38	45	SACC	0	0	0	0	5,2803
39	39	67	DEAD	1,06	-25,7	44,67	26,25	0
39	39	78	DEAD	1,34	-23,86	43,037	24,55	0
39	39	79	DEAD	0,9	-25,86	41,402	26,32	0
39	39	67	STERRA	0	0	0	0	2,1953
39	39	78	STERRA	0	0	0	0	3,6807
39	39	79	STERRA	0	0	0	0	3,4235
39	39	67	SACC	0	0	0	0	5,5022
39	39	78	SACC	0	0	0	0	6,5289
39	39	79	SACC	0	0	0	0	6,1833
40	40	39	DEAD	22,28	-37,16	49,912	52,01	0
40	40	38	DEAD	9,72	-24,77	53,456	30,8	0
40	40	47	DEAD	12,25	-20,8	49,965	28,93	0
40	40	48	DEAD	25,02	-33,4	47,854	50,76	0
40	40	39	STERRA	0	0	0	0	30,5927
40	40	38	STERRA	0	0	0	0	46,8669
40	40	47	STERRA	0	0	0	0	42,5734

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
40	40	48	STERRA	0	0	0	0	27,7501
40	40	39	SACC	0	0	0	0	23,391
40	40	38	SACC	0	0	0	0	34,6678
40	40	47	SACC	0	0	0	0	32,2322
40	40	48	SACC	0	0	0	0	21,4624
41	41	40	DEAD	13,64	-29,94	51,151	38,61	0
41	41	39	DEAD	16,5	-31,45	51,133	42,19	0
41	41	48	DEAD	19,26	-27,87	48,634	41,04	0
41	41	49	DEAD	16,4	-26,37	48,397	37,38	0
41	41	40	STERRA	0	0	0	0	19,2436
41	41	39	STERRA	0	0	0	0	30,6133
41	41	48	STERRA	0	0	0	0	27,7688
41	41	49	STERRA	0	0	0	0	17,5027
41	41	40	SACC	0	0	0	0	15,7403
41	41	39	SACC	0	0	0	0	23,4069
41	41	48	SACC	0	0	0	0	21,4783
41	41	49	SACC	0	0	0	0	14,3473
42	42	41	DEAD	11,73	-30,27	50,086	37,54	0
42	42	40	DEAD	13,66	-29,68	51,06	38,37	0
42	42	49	DEAD	16,27	-26,19	48,403	37,1	0
42	42	50	DEAD	14,41	-26,85	47,329	36,27	0
42	42	41	STERRA	0	0	0	0	11,7225
42	42	40	STERRA	0	0	0	0	19,264
42	42	49	STERRA	0	0	0	0	17,5204
42	42	50	STERRA	0	0	0	0	10,8155
42	42	41	SACC	0	0	0	0	10,8709
42	42	40	SACC	0	0	0	0	15,7557
42	42	49	SACC	0	0	0	0	14,3621
42	42	50	SACC	0	0	0	0	10,0194
43	43	42	DEAD	8,97	-30,6	48,703	35,93	0
43	43	41	DEAD	11,25	-29,59	50,14	36,54	0
43	43	50	DEAD	13,78	-26,08	47,342	35,07	0
43	43	51	DEAD	11,61	-27,19	45,788	34,49	0
43	43	42	STERRA	0	0	0	0	7,0274
43	43	41	STERRA	0	0	0	0	11,7373
43	43	50	STERRA	0	0	0	0	10,8323
43	43	51	STERRA	0	0	0	0	6,7488
43	43	42	SACC	0	0	0	0	8,0057
43	43	41	SACC	0	0	0	0	10,8832
43	43	50	SACC	0	0	0	0	10,0335
43	43	51	SACC	0	0	0	0	7,6804
44	44	43	DEAD	6,44	-31,33	47,095	35	0
44	44	42	DEAD	8,67	-30,18	48,708	35,32	0
44	44	51	DEAD	10,99	-26,8	45,925	33,67	0
44	44	52	DEAD	8,87	-28,06	44,196	33,39	0
44	44	43	STERRA	0	0	0	0	4,2524
44	44	42	STERRA	0	0	0	0	7,0459
44	44	51	STERRA	0	0	0	0	6,7615
44	44	52	STERRA	0	0	0	0	4,4587
44	44	43	SACC	0	0	0	0	6,4521
44	44	42	SACC	0	0	0	0	8,0201
44	44	51	SACC	0	0	0	0	7,6923
44	44	52	SACC	0	0	0	0	6,5988
45	45	44	DEAD	3,89	-33,06	45,697	35,17	0
45	45	43	DEAD	5,91	-31,55	47,494	34,88	0
45	45	52	DEAD	8,15	-27,86	44,448	32,71	0
45	45	53	DEAD	6,26	-29,5	42,552	33,08	0
45	45	44	STERRA	0	0	0	0	2,8084
45	45	43	STERRA	0	0	0	0	4,2651
45	45	52	STERRA	0	0	0	0	4,4713
45	45	53	STERRA	0	0	0	0	3,2111
45	45	44	SACC	0	0	0	0	5,6857
45	45	43	SACC	0	0	0	0	6,4605
45	45	52	SACC	0	0	0	0	6,6101
45	45	53	SACC	0	0	0	0	6,1508
46	46	45	DEAD	2,55	-34,71	44,777	36,05	0
46	46	44	DEAD	3,68	-33,45	46,003	35,44	0
46	46	53	DEAD	5,25	-30,02	43,348	32,96	0

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
46	46	54	DEAD	4,19	-31,35	42,074	33,64	0
46	46	45	STERRA	0	0	0	0	1,8862
46	46	44	STERRA	0	0	0	0	2,7667
46	46	53	STERRA	0	0	0	0	3,2254
46	46	54	STERRA	0	0	0	0	2,5561
46	46	45	SACC	0	0	0	0	5,2825
46	46	44	SACC	0	0	0	0	5,6761
46	46	53	SACC	0	0	0	0	6,1606
46	46	54	SACC	0	0	0	0	5,8942
47	47	46	DEAD	-1,01	-37,73	45,628	37,23	0
47	47	45	DEAD	0,5	-36,77	46,885	37,02	0
47	47	54	DEAD	3,47	-31,93	42,77	33,8	0
47	47	55	DEAD	2,08	-33,01	41,4	34,1	0
47	47	46	STERRA	0	0	0	0	1,8381
47	47	45	STERRA	0	0	0	0	2,0548
47	47	54	STERRA	0	0	0	0	2,5204
47	47	55	STERRA	0	0	0	0	2,1732
47	47	46	SACC	0	0	0	0	5,0625
47	47	45	SACC	0	0	0	0	5,2921
47	47	54	SACC	0	0	0	0	5,8876
47	47	55	SACC	0	0	0	0	5,7427
48	48	79	DEAD	0,97	-18,65	43,935	19,16	0
48	48	91	DEAD	1,18	-17,22	42,16	17,84	0
48	48	92	DEAD	0,83	-18,82	40,431	19,25	0
48	48	79	STERRA	0	0	0	0	2,1562
48	48	91	STERRA	0	0	0	0	3,0494
48	48	92	STERRA	0	0	0	0	2,7377
48	48	79	SACC	0	0	0	0	4,6598
48	48	91	SACC	0	0	0	0	5,0994
48	48	92	SACC	0	0	0	0	4,662
49	49	48	DEAD	25,02	-33,13	47,957	50,53	0
49	49	47	DEAD	12,25	-20,8	49,965	28,93	0
49	49	57	DEAD	15,63	-16,39	45,455	27,73	0
49	49	58	DEAD	28,5	-28,82	45,401	49,64	0
49	49	48	STERRA	0	0	0	0	27,7507
49	49	47	STERRA	0	0	0	0	42,5734
49	49	57	STERRA	0	0	0	0	36,4844
49	49	58	STERRA	0	0	0	0	23,6802
49	49	48	SACC	0	0	0	0	21,4623
49	49	47	SACC	0	0	0	0	32,2322
49	49	57	SACC	0	0	0	0	28,2172
49	49	58	SACC	0	0	0	0	18,4464
50	50	49	DEAD	16,51	-26,02	48,624	37,14	0
50	50	48	DEAD	19,27	-27,6	48,767	40,81	0
50	50	58	DEAD	22,77	-23,48	45,656	40,06	0
50	50	59	DEAD	20,05	-21,92	45,192	36,36	0
50	50	49	STERRA	0	0	0	0	17,5028
50	50	48	STERRA	0	0	0	0	27,7694
50	50	58	STERRA	0	0	0	0	23,6978
50	50	59	STERRA	0	0	0	0	15,0943
50	50	49	SACC	0	0	0	0	14,3472
50	50	48	SACC	0	0	0	0	21,4782
50	50	58	SACC	0	0	0	0	18,4628
50	50	59	SACC	0	0	0	0	12,3369
51	51	50	DEAD	14,58	-26,44	47,614	36,02	0
51	51	49	DEAD	16,38	-25,84	48,632	36,86	0
51	51	59	DEAD	19,8	-21,73	45,218	35,98	0
51	51	60	DEAD	18,1	-22,43	44,092	35,17	0
51	51	50	STERRA	0	0	0	0	10,8153
51	51	49	STERRA	0	0	0	0	17,5205
51	51	59	STERRA	0	0	0	0	15,1105
51	51	60	STERRA	0	0	0	0	9,7577
51	51	50	SACC	0	0	0	0	10,0192
51	51	49	SACC	0	0	0	0	14,3621
51	51	59	SACC	0	0	0	0	12,3513
51	51	60	SACC	0	0	0	0	8,9837
52	52	51	DEAD	11,69	-26,37	46,256	33,77	0
52	52	50	DEAD	13,95	-25,67	47,637	34,81	0

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
52	52	60	DEAD	17,26	-21,71	44,117	33,82	0
52	52	61	DEAD	15,12	-22,53	42,581	32,82	0
52	52	51	STERRA	0	0	0	0	6,7483
52	52	50	STERRA	0	0	0	0	10,8321
52	52	60	STERRA	0	0	0	0	9,7716
52	52	61	STERRA	0	0	0	0	6,7826
52	52	51	SACC	0	0	0	0	7,68
52	52	50	SACC	0	0	0	0	10,0334
52	52	60	SACC	0	0	0	0	8,9963
52	52	61	SACC	0	0	0	0	7,568
53	53	52	DEAD	8,93	-27,01	44,763	32,41	0
53	53	51	DEAD	11,07	-25,98	46,409	32,94	0
53	53	61	DEAD	14,14	-21,95	42,685	31,49	0
53	53	62	DEAD	12,14	-23,12	40,897	31,03	0
53	53	52	STERRA	0	0	0	0	4,4588
53	53	51	STERRA	0	0	0	0	6,761
53	53	61	STERRA	0	0	0	0	6,7966
53	53	62	STERRA	0	0	0	0	5,3473
53	53	52	SACC	0	0	0	0	6,5996
53	53	51	SACC	0	0	0	0	7,6919
53	53	61	SACC	0	0	0	0	7,5813
53	53	62	SACC	0	0	0	0	7,3148
54	54	53	DEAD	6,39	-27,73	43,503	31,42	0
54	54	52	DEAD	8,22	-26,82	45,037	31,73	0
54	54	62	DEAD	11,02	-23,02	41,326	30,08	0
54	54	63	DEAD	9,32	-24,06	39,664	29,83	0
54	54	53	STERRA	0	0	0	0	3,2094
54	54	52	STERRA	0	0	0	0	4,4713
54	54	62	STERRA	0	0	0	0	5,3598
54	54	63	STERRA	0	0	0	0	4,6957
54	54	53	SACC	0	0	0	0	6,1494
54	54	52	SACC	0	0	0	0	6,6109
54	54	62	SACC	0	0	0	0	7,3281
54	54	63	SACC	0	0	0	0	7,4831
55	55	54	DEAD	3,89	-29,29	42,88	31,42	0
55	55	53	DEAD	5,4	-28,27	44,35	31,32	0
55	55	63	DEAD	8,03	-24,17	40,305	29,02	0
55	55	64	DEAD	6,64	-25,31	38,726	29,2	0
55	55	54	STERRA	0	0	0	0	2,5653
55	55	53	STERRA	0	0	0	0	3,2236
55	55	63	STERRA	0	0	0	0	4,7036
55	55	64	STERRA	0	0	0	0	4,2062
55	55	54	SACC	0	0	0	0	5,9023
55	55	53	SACC	0	0	0	0	6,1592
55	55	63	SACC	0	0	0	0	7,4914
55	55	64	SACC	0	0	0	0	7,4803
56	56	55	DEAD	2,62	-30,55	42,93	31,94	0
56	56	54	DEAD	3,17	-29,88	43,627	31,59	0
56	56	64	DEAD	5,09	-26,11	40,038	28,99	0
56	56	65	DEAD	4,59	-26,82	39,318	29,38	0
56	56	55	STERRA	0	0	0	0	2,1293
56	56	54	STERRA	0	0	0	0	2,5296
56	56	64	STERRA	0	0	0	0	4,2145
56	56	65	STERRA	0	0	0	0	3,6365
56	56	55	SACC	0	0	0	0	5,7173
56	56	54	SACC	0	0	0	0	5,8957
56	56	64	SACC	0	0	0	0	7,4833
56	56	65	SACC	0	0	0	0	7,0591
57	57	56	DEAD	-0,86	-32,81	45,537	32,38	0
57	57	55	DEAD	-0,11	-32,94	45,886	32,88	0
57	57	65	DEAD	3,38	-27,56	40,453	29,4	0
57	57	66	DEAD	2,67	-27,48	39,931	28,91	0
57	57	56	STERRA	0	0	0	0	2,2593
57	57	55	STERRA	0	0	0	0	2,2074
57	57	65	STERRA	0	0	0	0	3,611
57	57	66	STERRA	0	0	0	0	3,1135
57	57	56	SACC	0	0	0	0	5,6897
57	57	55	SACC	0	0	0	0	5,6803

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
57	57	65	SACC	0	0	0	0	7,0572
57	57	66	SACC	0	0	0	0	6,5087
58	58	92	DEAD	1	-11,42	41,923	11,95	0
58	58	105	DEAD	1,03	-10,58	40,259	11,13	0
58	58	106	DEAD	0,72	-11,63	38,409	12,01	0
58	58	92	STERRA	0	0	0	0	1,3526
58	58	105	STERRA	0	0	0	0	1,7892
58	58	106	STERRA	0	0	0	0	1,4921
58	58	92	SACC	0	0	0	0	2,8382
58	58	105	SACC	0	0	0	0	2,9338
58	58	106	SACC	0	0	0	0	2,4989
59	59	106	DEAD	0,75	-4,43	34,937	4,85	0
59	59	120	DEAD	0,4	-4,48	35,953	4,69	0
59	59	121	DEAD	0,14	-4,56	34,125	4,64	0
59	59	106	STERRA	0	0	0	0	0,1881
59	59	120	STERRA	0	0	0	0	0,6135
59	59	121	STERRA	0	0	0	0	0,6023
59	59	106	SACC	0	0	0	0	0,6235
59	59	120	SACC	0	0	0	0	0,9843
59	59	121	SACC	0	0	0	0	0,9538
60	60	58	DEAD	28,37	-28,52	45,461	49,27	0
60	60	57	DEAD	15,63	-16,39	45,455	27,73	0
60	60	68	DEAD	20,14	-11,68	39,896	27,88	0
60	60	69	DEAD	32,75	-23,68	42,34	49,08	0
60	60	58	STERRA	0	0	0	0	23,6808
60	60	57	STERRA	0	0	0	0	36,4844
60	60	68	STERRA	0	0	0	0	28,687
60	60	69	STERRA	0	0	0	0	18,4452
60	60	58	SACC	0	0	0	0	18,4464
60	60	57	SACC	0	0	0	0	28,2172
60	60	68	SACC	0	0	0	0	22,5904
60	60	69	SACC	0	0	0	0	14,3411
61	61	59	DEAD	19,93	-21,74	45,224	36,1	0
61	61	58	DEAD	22,65	-23,19	45,733	39,69	0
61	61	69	DEAD	27,16	-18,58	41,924	39,84	0
61	61	70	DEAD	24,52	-17,21	41,042	36,33	0
61	61	59	STERRA	0	0	0	0	15,0948
61	61	58	STERRA	0	0	0	0	23,6984
61	61	69	STERRA	0	0	0	0	18,4657
61	61	70	STERRA	0	0	0	0	12,0661
61	61	59	SACC	0	0	0	0	12,3373
61	61	58	SACC	0	0	0	0	18,4628
61	61	69	SACC	0	0	0	0	14,361
61	61	70	SACC	0	0	0	0	9,7303
62	62	60	DEAD	17,83	-22,13	44,093	34,68	0
62	62	59	DEAD	19,69	-21,55	45,251	35,73	0
62	62	70	DEAD	24,15	-17,06	41,089	35,86	0
62	62	71	DEAD	22,42	-17,76	39,814	34,88	0
62	62	60	STERRA	0	0	0	0	9,7577
62	62	59	STERRA	0	0	0	0	15,111
62	62	70	STERRA	0	0	0	0	12,0822
62	62	71	STERRA	0	0	0	0	8,5395
62	62	60	SACC	0	0	0	0	8,9836
62	62	59	SACC	0	0	0	0	12,3516
62	62	70	SACC	0	0	0	0	9,7449
62	62	71	SACC	0	0	0	0	7,7589
63	63	61	DEAD	14,77	-22,1	42,57	32,14	0
63	63	60	DEAD	16,99	-21,41	44,117	33,33	0
63	63	71	DEAD	21,16	-16,92	39,739	33,04	0
63	63	72	DEAD	19,1	-17,78	38,022	31,94	0
63	63	61	STERRA	0	0	0	0	6,7817
63	63	60	STERRA	0	0	0	0	9,7716
63	63	71	STERRA	0	0	0	0	8,5484
63	63	72	STERRA	0	0	0	0	7,056
63	63	61	SACC	0	0	0	0	7,5672
63	63	60	SACC	0	0	0	0	8,9962
63	63	71	SACC	0	0	0	0	7,7669
63	63	72	SACC	0	0	0	0	7,6378

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
64	64	62	DEAD	11,73	-22,14	41,052	29,79	0
64	64	61	DEAD	13,79	-21,51	42,676	30,82	0
64	64	72	DEAD	17,65	-17,34	38,209	30,3	0
64	64	73	DEAD	15,75	-18,13	36,409	29,37	0
64	64	62	STERRA	0	0	0	0	5,3466
64	64	61	STERRA	0	0	0	0	6,7957
64	64	72	STERRA	0	0	0	0	7,067
64	64	73	STERRA	0	0	0	0	6,9035
64	64	62	SACC	0	0	0	0	7,3143
64	64	61	SACC	0	0	0	0	7,5805
64	64	72	SACC	0	0	0	0	7,6493
64	64	73	SACC	0	0	0	0	8,6366
65	65	63	DEAD	8,91	-22,77	39,918	28,3	0
65	65	62	DEAD	10,61	-22,04	41,504	28,85	0
65	65	73	DEAD	13,99	-17,89	36,802	27,68	0
65	65	74	DEAD	12,45	-18,77	35,062	27,23	0
65	65	63	STERRA	0	0	0	0	4,6962
65	65	62	STERRA	0	0	0	0	5,3591
65	65	73	STERRA	0	0	0	0	6,9214
65	65	74	STERRA	0	0	0	0	7,2138
65	65	63	SACC	0	0	0	0	7,4845
65	65	62	SACC	0	0	0	0	7,3276
65	65	73	SACC	0	0	0	0	8,6562
65	65	74	SACC	0	0	0	0	9,8193
66	66	64	DEAD	6,41	-23,35	39,393	27,13	0
66	66	63	DEAD	7,63	-22,88	40,604	27,49	0
66	66	74	DEAD	10,65	-19,08	35,975	26,09	0
66	66	75	DEAD	9,55	-19,66	34,637	25,8	0
66	66	64	STERRA	0	0	0	0	4,2054
66	66	63	STERRA	0	0	0	0	4,7041
66	66	74	STERRA	0	0	0	0	7,2297
66	66	75	STERRA	0	0	0	0	7,1215
66	66	64	SACC	0	0	0	0	7,4795
66	66	63	SACC	0	0	0	0	7,4929
66	66	74	SACC	0	0	0	0	9,8371
66	66	75	SACC	0	0	0	0	10,2418
67	67	65	DEAD	3,97	-24,58	39,845	26,79	0
67	67	64	DEAD	4,88	-24,17	40,82	26,94	0
67	67	75	DEAD	7,69	-20,11	35,775	24,87	0
67	67	76	DEAD	6,87	-20,62	34,683	24,78	0
67	67	65	STERRA	0	0	0	0	3,6489
67	67	64	STERRA	0	0	0	0	4,2137
67	67	75	STERRA	0	0	0	0	7,1199
67	67	76	STERRA	0	0	0	0	6,1874
67	67	65	SACC	0	0	0	0	7,0725
67	67	64	SACC	0	0	0	0	7,4825
67	67	75	SACC	0	0	0	0	10,2408
67	67	76	SACC	0	0	0	0	9,4616
68	68	66	DEAD	2,72	-25,4	41,03	26,86	0
68	68	65	DEAD	2,77	-25,34	41,104	26,83	0
68	68	76	DEAD	4,87	-21,6	36,546	24,4	0
68	68	77	DEAD	4,82	-21,67	36,47	24,44	0
68	68	66	STERRA	0	0	0	0	3,0427
68	68	65	STERRA	0	0	0	0	3,6234
68	68	76	STERRA	0	0	0	0	6,1751
68	68	77	STERRA	0	0	0	0	4,7793
68	68	66	SACC	0	0	0	0	6,4447
68	68	65	SACC	0	0	0	0	7,0706
68	68	76	SACC	0	0	0	0	9,4415
68	68	77	SACC	0	0	0	0	7,9163
69	69	67	DEAD	-0,63	-26,82	45,525	26,51	0
69	69	66	DEAD	-0,49	-27,85	44,886	27,61	0
69	69	77	DEAD	3,28	-22,48	38,035	24,28	0
69	69	78	DEAD	3,08	-21,39	38,371	23,09	0
69	69	67	STERRA	0	0	0	0	3,3056
69	69	66	STERRA	0	0	0	0	3,1026
69	69	77	STERRA	0	0	0	0	4,7575
69	69	78	STERRA	0	0	0	0	3,5198

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
69	69	67	SACC	0	0	0	0	6,5976
69	69	66	SACC	0	0	0	0	6,443
69	69	77	SACC	0	0	0	0	7,9106
69	69	78	SACC	0	0	0	0	6,3631
70	70	69	DEAD	32,48	-23,41	42,314	48,61	0
70	70	68	DEAD	20,14	-11,68	39,896	27,88	0
70	70	80	DEAD	26,35	-6,83	33,453	30,35	0
70	70	81	DEAD	38,2	-18,07	38,527	49,77	0
70	70	69	STERRA	0	0	0	0	18,4458
70	70	68	STERRA	0	0	0	0	28,687
70	70	80	STERRA	0	0	0	0	19,1934
70	70	81	STERRA	0	0	0	0	12,1248
70	70	69	SACC	0	0	0	0	14,3414
70	70	68	SACC	0	0	0	0	22,5904
70	70	80	SACC	0	0	0	0	15,2809
70	70	81	SACC	0	0	0	0	9,1769
71	71	70	DEAD	24,09	-17,22	40,799	35,94	0
71	71	69	DEAD	26,89	-18,31	41,887	39,38	0
71	71	81	DEAD	32,89	-13,31	37,32	41,19	0
71	71	82	DEAD	30,26	-12,38	35,861	37,99	0
71	71	70	STERRA	0	0	0	0	12,068
71	71	69	STERRA	0	0	0	0	18,4663
71	71	81	STERRA	0	0	0	0	12,1502
71	71	82	STERRA	0	0	0	0	8,5715
71	71	70	SACC	0	0	0	0	9,7319
71	71	69	SACC	0	0	0	0	14,3612
71	71	81	SACC	0	0	0	0	9,2022
71	71	82	SACC	0	0	0	0	6,6479
72	72	71	DEAD	21,67	-17,83	39,32	34,26	0
72	72	70	DEAD	23,72	-17,06	40,843	35,48	0
72	72	82	DEAD	29,44	-12,07	35,852	36,98	0
72	72	83	DEAD	27,58	-13,04	34,229	35,92	0
72	72	71	STERRA	0	0	0	0	8,5401
72	72	70	STERRA	0	0	0	0	12,0841
72	72	82	STERRA	0	0	0	0	8,5845
72	72	83	STERRA	0	0	0	0	7,2097
72	72	71	SACC	0	0	0	0	7,7594
72	72	70	SACC	0	0	0	0	9,7465
72	72	82	SACC	0	0	0	0	6,6602
72	72	83	SACC	0	0	0	0	6,3834
73	73	72	DEAD	18,2	-17,47	37,451	30,89	0
73	73	71	DEAD	20,4	-16,99	39,215	32,43	0
73	73	83	DEAD	25,69	-12,35	34,113	33,61	0
73	73	84	DEAD	23,7	-13,05	32,179	32,26	0
73	73	72	STERRA	0	0	0	0	7,0543
73	73	71	STERRA	0	0	0	0	8,5491
73	73	83	STERRA	0	0	0	0	7,2056
73	73	84	STERRA	0	0	0	0	7,4252
73	73	72	SACC	0	0	0	0	7,636
73	73	71	SACC	0	0	0	0	7,7674
73	73	83	SACC	0	0	0	0	6,379
73	73	84	SACC	0	0	0	0	7,7591
74	74	73	DEAD	14,9	-17,45	35,882	28,04	0
74	74	72	DEAD	16,74	-17,03	37,613	29,25	0
74	74	84	DEAD	21,25	-12,6	32,254	29,63	0
74	74	85	DEAD	19,6	-13,22	30,337	28,61	0
74	74	73	STERRA	0	0	0	0	6,9008
74	74	72	STERRA	0	0	0	0	7,0652
74	74	84	STERRA	0	0	0	0	7,4207
74	74	85	STERRA	0	0	0	0	8,981
74	74	73	SACC	0	0	0	0	8,634
74	74	72	SACC	0	0	0	0	7,6476
74	74	84	SACC	0	0	0	0	7,755
74	74	85	SACC	0	0	0	0	10,4741
75	75	74	DEAD	11,72	-17,39	34,762	25,37	0
75	75	73	DEAD	13,14	-17,2	36,259	26,36	0
75	75	85	DEAD	17,06	-13,36	30,986	26,4	0
75	75	86	DEAD	15,8	-13,7	29,308	25,56	0

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
75	75	74	STERRA	0	0	0	0	7,2149
75	75	73	STERRA	0	0	0	0	6,9187
75	75	85	STERRA	0	0	0	0	9,0067
75	75	86	STERRA	0	0	0	0	10,9168
75	75	74	SACC	0	0	0	0	9,8209
75	75	73	SACC	0	0	0	0	8,6536
75	75	85	SACC	0	0	0	0	10,5037
75	75	86	SACC	0	0	0	0	13,4019
76	76	75	DEAD	8,92	-17,97	34,507	23,72	0
76	76	74	DEAD	9,92	-17,69	35,73	24,22	0
76	76	86	DEAD	13,28	-13,99	30,173	23,62	0
76	76	87	DEAD	12,4	-14,38	28,814	23,21	0
76	76	75	STERRA	0	0	0	0	7,1235
76	76	74	STERRA	0	0	0	0	7,2308
76	76	86	STERRA	0	0	0	0	10,9478
76	76	87	STERRA	0	0	0	0	11,5289
76	76	75	SACC	0	0	0	0	10,245
76	76	74	SACC	0	0	0	0	9,8388
76	76	86	SACC	0	0	0	0	13,4369
76	76	87	SACC	0	0	0	0	14,5997
77	77	76	DEAD	6,49	-18,43	35,048	22,39	0
77	77	75	DEAD	7,06	-18,42	35,741	22,78	0
77	77	87	DEAD	10,05	-15,03	30,269	21,86	0
77	77	88	DEAD	9,54	-15,12	29,457	21,53	0
77	77	76	STERRA	0	0	0	0	6,1873
77	77	75	STERRA	0	0	0	0	7,1219
77	77	87	STERRA	0	0	0	0	11,529
77	77	88	STERRA	0	0	0	0	9,9607
77	77	76	SACC	0	0	0	0	9,4612
77	77	75	SACC	0	0	0	0	10,2439
77	77	87	SACC	0	0	0	0	14,5996
77	77	88	SACC	0	0	0	0	13,1035
78	78	77	DEAD	4,1	-19,3	36,719	21,64	0
78	78	76	DEAD	4,5	-19,43	37,125	22,02	0
78	78	88	DEAD	7,31	-15,81	31,099	20,47	0
78	78	89	DEAD	6,96	-15,72	30,55	20,12	0
78	78	77	STERRA	0	0	0	0	4,789
78	78	76	STERRA	0	0	0	0	6,175
78	78	88	STERRA	0	0	0	0	9,9292
78	78	89	STERRA	0	0	0	0	7,0012
78	78	77	SACC	0	0	0	0	7,9284
78	78	76	SACC	0	0	0	0	9,4411
78	78	88	SACC	0	0	0	0	13,0691
78	78	89	SACC	0	0	0	0	9,8405
79	79	78	DEAD	2,83	-19,7	39,055	21,26	0
79	79	77	DEAD	2,57	-20,12	38,504	21,51	0
79	79	89	DEAD	4,7	-16,73	32,907	19,51	0
79	79	90	DEAD	4,93	-16,27	33,44	19,21	0
79	79	78	STERRA	0	0	0	0	3,4335
79	79	77	STERRA	0	0	0	0	4,7672
79	79	89	STERRA	0	0	0	0	6,9716
79	79	90	STERRA	0	0	0	0	4,4057
79	79	78	SACC	0	0	0	0	6,2716
79	79	77	SACC	0	0	0	0	7,9227
79	79	89	SACC	0	0	0	0	9,8014
79	79	90	SACC	0	0	0	0	6,836
80	80	79	DEAD	-0,4	-20,31	45,613	20,12	0
80	80	78	DEAD	-0,62	-21,97	43,892	21,67	0
80	80	90	DEAD	3,25	-17,01	35,327	18,85	0
80	80	91	DEAD	3,32	-15,2	36,426	17,1	0
80	80	79	STERRA	0	0	0	0	3,7821
80	80	78	STERRA	0	0	0	0	3,5943
80	80	90	STERRA	0	0	0	0	4,3945
80	80	91	STERRA	0	0	0	0	2,7384
80	80	79	SACC	0	0	0	0	6,5813
80	80	78	SACC	0	0	0	0	6,4375
80	80	90	SACC	0	0	0	0	6,8338
80	80	91	SACC	0	0	0	0	4,715

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
81	81	81	DEAD	37,81	-18,02	38,356	49,36	0
81	81	80	DEAD	26,35	-6,83	33,453	30,35	0
81	81	93	DEAD	35,17	-1,66	26,327	36,03	0
81	81	94	DEAD	45,66	-11,88	33,672	52,62	0
81	81	81	STERRA	0	0	0	0	12,126
81	81	80	STERRA	0	0	0	0	19,1934
81	81	93	STERRA	0	0	0	0	7,7325
81	81	94	STERRA	0	0	0	0	4,8601
81	81	81	SACC	0	0	0	0	9,1779
81	81	80	SACC	0	0	0	0	15,2809
81	81	93	SACC	0	0	0	0	6,0046
81	81	94	SACC	0	0	0	0	3,0659
82	82	82	DEAD	29,27	-12,89	35,042	37,42	0
82	82	81	DEAD	32,5	-13,27	37,1	40,79	0
82	82	94	DEAD	40,59	-7,6	31,665	44,88	0
82	82	95	DEAD	37,7	-7,56	29,337	42	0
82	82	82	STERRA	0	0	0	0	8,5759
82	82	81	STERRA	0	0	0	0	12,1514
82	82	94	STERRA	0	0	0	0	4,9366
82	82	95	STERRA	0	0	0	0	5,0004
82	82	82	SACC	0	0	0	0	6,6518
82	82	81	SACC	0	0	0	0	9,2032
82	82	94	SACC	0	0	0	0	3,1348
82	82	95	SACC	0	0	0	0	3,434
83	83	83	DEAD	26,22	-13,54	33,019	35,02	0
83	83	82	DEAD	28,46	-12,58	35,011	36,41	0
83	83	95	DEAD	35,96	-7,22	29,224	40,06	0
83	83	96	DEAD	34,02	-8,48	27,213	38,96	0
83	83	83	STERRA	0	0	0	0	7,2108
83	83	82	STERRA	0	0	0	0	8,5889
83	83	95	STERRA	0	0	0	0	5,0205
83	83	96	STERRA	0	0	0	0	5,9177
83	83	83	SACC	0	0	0	0	6,3845
83	83	82	SACC	0	0	0	0	6,6641
83	83	95	SACC	0	0	0	0	3,4524
83	83	96	SACC	0	0	0	0	4,9945
84	84	84	DEAD	22,28	-13,05	30,765	30,95	0
84	84	83	DEAD	24,34	-12,86	32,816	32,72	0
84	84	96	DEAD	30,41	-7,83	26,754	34,99	0
84	84	97	DEAD	28,65	-8,33	24,519	33,6	0
84	84	84	STERRA	0	0	0	0	7,4246
84	84	83	STERRA	0	0	0	0	7,2066
84	84	96	STERRA	0	0	0	0	5,904
84	84	97	STERRA	0	0	0	0	7,6707
84	84	84	SACC	0	0	0	0	7,7586
84	84	83	SACC	0	0	0	0	6,3801
84	84	96	SACC	0	0	0	0	4,9828
84	84	97	SACC	0	0	0	0	7,7172
85	85	85	DEAD	18,39	-12,36	28,979	26,79	0
85	85	84	DEAD	19,83	-12,6	30,716	28,32	0
85	85	97	DEAD	24,74	-8,6	24,974	29,98	0
85	85	98	DEAD	23,5	-8,56	23,03	28,76	0
85	85	85	STERRA	0	0	0	0	8,9736
85	85	84	STERRA	0	0	0	0	7,4201
85	85	97	STERRA	0	0	0	0	7,6454
85	85	98	STERRA	0	0	0	0	11,0114
85	85	85	SACC	0	0	0	0	10,4661
85	85	84	SACC	0	0	0	0	7,7545
85	85	97	SACC	0	0	0	0	7,6899
85	85	98	SACC	0	0	0	0	12,2502
86	86	86	DEAD	14,87	-12,41	28,178	23,65	0
86	86	85	DEAD	15,82	-12,47	29,56	24,56	0
86	86	98	DEAD	19,91	-8,94	23,596	25,58	0
86	86	99	DEAD	19,11	-9,02	22,064	24,88	0
86	86	86	STERRA	0	0	0	0	10,9149
86	86	85	STERRA	0	0	0	0	8,9993
86	86	98	STERRA	0	0	0	0	11,0259
86	86	99	STERRA	0	0	0	0	15,9839

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
86	86	86	SACC	0	0	0	0	13,4002
86	86	85	SACC	0	0	0	0	10,4956
86	86	98	SACC	0	0	0	0	12,2668
86	86	99	SACC	0	0	0	0	18,5239
87	87	87	DEAD	11,7	-12,47	27,978	20,94	0
87	87	86	DEAD	12,34	-12,68	29,019	21,66	0
87	87	99	DEAD	15,87	-9,63	23,136	22,3	0
87	87	100	DEAD	15,33	-9,53	21,942	21,72	0
87	87	87	STERRA	0	0	0	0	11,5394
87	87	86	STERRA	0	0	0	0	10,9459
87	87	99	STERRA	0	0	0	0	16,0973
87	87	100	STERRA	0	0	0	0	18,2059
87	87	87	SACC	0	0	0	0	14,6119
87	87	86	SACC	0	0	0	0	13,4352
87	87	99	SACC	0	0	0	0	18,6522
87	87	100	SACC	0	0	0	0	21,5126
88	88	88	DEAD	8,95	-12,98	28,883	19,11	0
88	88	87	DEAD	9,33	-13,11	29,539	19,52	0
88	88	100	DEAD	12,41	-10,16	23,227	19,57	0
88	88	101	DEAD	12,09	-10,1	22,451	19,24	0
88	88	88	STERRA	0	0	0	0	9,9582
88	88	87	STERRA	0	0	0	0	11,5396
88	88	100	STERRA	0	0	0	0	18,2061
88	88	101	STERRA	0	0	0	0	15,1553
88	88	88	SACC	0	0	0	0	13,1015
88	88	87	SACC	0	0	0	0	14,6118
88	88	100	SACC	0	0	0	0	21,5125
88	88	101	SACC	0	0	0	0	18,3409
89	89	89	DEAD	6,62	-13,35	30,616	17,61	0
89	89	88	DEAD	6,71	-13,67	30,702	17,99	0
89	89	101	DEAD	9,48	-10,91	24,379	17,67	0
89	89	102	DEAD	9,39	-10,6	24,164	17,32	0
89	89	89	STERRA	0	0	0	0	6,9942
89	89	88	STERRA	0	0	0	0	9,9267
89	89	101	STERRA	0	0	0	0	15,042
89	89	102	STERRA	0	0	0	0	9,1951
89	89	89	SACC	0	0	0	0	9,8318
89	89	88	SACC	0	0	0	0	13,0671
89	89	101	SACC	0	0	0	0	18,212
89	89	102	SACC	0	0	0	0	11,6949
90	90	90	DEAD	4,3	-13,87	33,427	16,45	0
90	90	89	DEAD	4,37	-14,37	33,318	16,98	0
90	90	102	DEAD	7,02	-11,37	26,241	16,07	0
90	90	103	DEAD	6,95	-10,87	26,129	15,56	0
90	90	90	STERRA	0	0	0	0	4,4143
90	90	89	STERRA	0	0	0	0	6,9645
90	90	102	STERRA	0	0	0	0	9,1828
90	90	103	STERRA	0	0	0	0	5,0143
90	90	90	SACC	0	0	0	0	6,8484
90	90	89	SACC	0	0	0	0	9,7927
90	90	102	SACC	0	0	0	0	11,6826
90	90	103	SACC	0	0	0	0	6,9179
91	91	91	DEAD	2,97	-13,92	36,686	15,62	0
91	91	90	DEAD	2,63	-14,62	35,645	16,09	0
91	91	103	DEAD	4,65	-11,78	28,873	14,67	0
91	91	104	DEAD	4,93	-11,01	29,792	14,14	0
91	91	91	STERRA	0	0	0	0	2,6619
91	91	90	STERRA	0	0	0	0	4,4031
91	91	103	STERRA	0	0	0	0	5,0329
91	91	104	STERRA	0	0	0	0	2,7916
91	91	91	SACC	0	0	0	0	4,624
91	91	90	SACC	0	0	0	0	6,8463
91	91	103	SACC	0	0	0	0	6,9344
91	91	104	SACC	0	0	0	0	4,2719
92	92	92	DEAD	-0,15	-13,71	45,758	13,64	0
92	92	91	DEAD	-0,52	-15,78	42,625	15,53	0
92	92	104	DEAD	3,32	-11,56	31,758	13,53	0
92	92	105	DEAD	3,45	-9,25	33,378	11,37	0

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
92	92	92	STERRA	0	0	0	0	3,0957
92	92	91	STERRA	0	0	0	0	2,9728
92	92	104	STERRA	0	0	0	0	2,7558
92	92	105	STERRA	0	0	0	0	1,4345
92	92	92	SACC	0	0	0	0	5,1075
92	92	91	SACC	0	0	0	0	5,0084
92	92	104	SACC	0	0	0	0	4,2336
92	92	105	SACC	0	0	0	0	2,4585
93	93	94	DEAD	44,34	-12,03	32,878	51,42	0
93	93	93	DEAD	35,17	-1,66	26,327	36,03	0
93	93	107	DEAD	49,47	3,64	19,712	47,76	0
93	93	108	DEAD	57,32	-5,42	27,373	60,21	0
93	93	94	STERRA	0	0	0	0	4,8671
93	93	93	STERRA	0	0	0	0	7,7325
93	93	107	STERRA	0	0	0	0	-7,0016
93	93	108	STERRA	0	0	0	0	-2,5342
93	93	94	SACC	0	0	0	0	3,0721
93	93	93	SACC	0	0	0	0	6,0046
93	93	107	SACC	0	0	0	0	-6,3635
93	93	108	SACC	0	0	0	0	-3,2671
94	94	95	DEAD	35,68	-9,19	27,324	41,06	0
94	94	94	DEAD	39,33	-7,82	30,667	43,77	0
94	94	108	DEAD	51,9	-1,75	24,614	52,8	0
94	94	109	DEAD	48,83	-3,7	21,527	50,78	0
94	94	95	STERRA	0	0	0	0	5,0043
94	94	94	STERRA	0	0	0	0	4,9435
94	94	108	STERRA	0	0	0	0	-2,4753
94	94	109	STERRA	0	0	0	0	2,1308
94	94	95	SACC	0	0	0	0	3,4374
94	94	94	SACC	0	0	0	0	3,1411
94	94	108	SACC	0	0	0	0	-3,2115
94	94	109	SACC	0	0	0	0	0,778
95	95	96	DEAD	31,65	-9,25	24,52	37,15	0
95	95	95	DEAD	33,95	-8,86	27,111	39,14	0
95	95	109	DEAD	43,42	-3,21	20,573	45,11	0
95	95	110	DEAD	41,58	-4,05	18,016	43,74	0
95	95	96	STERRA	0	0	0	0	5,9173
95	95	95	STERRA	0	0	0	0	5,0245
95	95	109	STERRA	0	0	0	0	2,0488
95	95	110	STERRA	0	0	0	0	4,8033
95	95	96	SACC	0	0	0	0	4,9945
95	95	95	SACC	0	0	0	0	3,4558
95	95	109	SACC	0	0	0	0	0,7099
95	95	110	SACC	0	0	0	0	3,7465
96	96	97	DEAD	26,8	-7,74	21,71	31,39	0
96	96	96	DEAD	28,09	-8,65	23,733	33,27	0
96	96	110	DEAD	34,42	-4,92	18,349	37,13	0
96	96	111	DEAD	33,39	-4,27	16,201	35,72	0
96	96	97	STERRA	0	0	0	0	7,6713
96	96	96	STERRA	0	0	0	0	5,9036
96	96	110	STERRA	0	0	0	0	4,788
96	96	111	STERRA	0	0	0	0	7,7719
96	96	97	SACC	0	0	0	0	7,7181
96	96	96	SACC	0	0	0	0	4,9827
96	96	110	SACC	0	0	0	0	3,7348
96	96	111	SACC	0	0	0	0	7,5317
97	97	98	DEAD	22,19	-7,51	20,48	26,75	0
97	97	97	DEAD	22,87	-7,99	21,867	27,74	0
97	97	111	DEAD	27,94	-5,06	16,554	30,78	0
97	97	112	DEAD	27,4	-4,72	15,098	30,05	0
97	97	98	STERRA	0	0	0	0	11,0204
97	97	97	STERRA	0	0	0	0	7,646
97	97	111	STERRA	0	0	0	0	7,7839
97	97	112	STERRA	0	0	0	0	12,3067
97	97	98	SACC	0	0	0	0	12,2606
97	97	97	SACC	0	0	0	0	7,6908
97	97	111	SACC	0	0	0	0	7,5478
97	97	112	SACC	0	0	0	0	13,249

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
98	98	99	DEAD	18,12	-7,29	19,589	22,66	0
98	98	98	DEAD	18,57	-7,87	20,786	23,52	0
98	98	112	DEAD	22,72	-5,51	15,642	25,91	0
98	98	113	DEAD	22,37	-5,03	14,353	25,27	0
98	98	99	STERRA	0	0	0	0	15,9432
98	98	98	STERRA	0	0	0	0	11,0348
98	98	112	STERRA	0	0	0	0	12,1208
98	98	113	STERRA	0	0	0	0	20,8421
98	98	99	SACC	0	0	0	0	18,4779
98	98	98	SACC	0	0	0	0	12,2772
98	98	112	SACC	0	0	0	0	13,0395
98	98	113	SACC	0	0	0	0	23,477
99	99	100	DEAD	14,61	-7,47	19,795	19,46	0
99	99	99	DEAD	14,84	-7,86	20,499	19,96	0
99	99	113	DEAD	18,5	-5,75	15,057	21,95	0
99	99	114	DEAD	18,34	-5,42	14,273	21,56	0
99	99	100	STERRA	0	0	0	0	18,2575
99	99	99	STERRA	0	0	0	0	16,0565
99	99	113	STERRA	0	0	0	0	21,0479
99	99	114	STERRA	0	0	0	0	31,0604
99	99	100	SACC	0	0	0	0	21,5714
99	99	99	SACC	0	0	0	0	18,6062
99	99	113	SACC	0	0	0	0	23,7105
99	99	114	SACC	0	0	0	0	35,4939
100	100	101	DEAD	11,57	-7,64	20,654	16,75	0
100	100	100	DEAD	11,66	-8,06	21,009	17,17	0
100	100	114	DEAD	14,97	-6,16	15,464	18,82	0
100	100	115	DEAD	14,91	-5,76	15,002	18,48	0
100	100	101	STERRA	0	0	0	0	15,1149
100	100	100	STERRA	0	0	0	0	18,2577
100	100	114	STERRA	0	0	0	0	31,0606
100	100	115	STERRA	0	0	0	0	20,1535
100	100	101	SACC	0	0	0	0	18,2953
100	100	100	SACC	0	0	0	0	21,5713
100	100	114	SACC	0	0	0	0	35,4942
100	100	115	SACC	0	0	0	0	23,4144
101	101	102	DEAD	8,92	-8,04	22,716	14,69	0
101	101	101	DEAD	8,91	-8,4	22,726	14,99	0
101	101	115	DEAD	11,9	-6,46	16,424	16,14	0
101	101	116	DEAD	11,91	-6,11	16,29	15,87	0
101	101	102	STERRA	0	0	0	0	9,2035
101	101	101	STERRA	0	0	0	0	15,0016
101	101	115	STERRA	0	0	0	0	19,9481
101	101	116	STERRA	0	0	0	0	10,4334
101	101	102	SACC	0	0	0	0	11,7049
101	101	101	SACC	0	0	0	0	18,1664
101	101	115	SACC	0	0	0	0	23,1816
101	101	116	SACC	0	0	0	0	12,521
102	102	103	DEAD	6,66	-8,29	25,545	12,97	0
102	102	102	DEAD	6,52	-8,77	25,053	13,29	0
102	102	116	DEAD	9,2	-6,9	18,528	13,98	0
102	102	117	DEAD	9,31	-6,39	18,844	13,68	0
102	102	103	STERRA	0	0	0	0	5,0157
102	102	102	STERRA	0	0	0	0	9,1912
102	102	116	STERRA	0	0	0	0	10,6174
102	102	117	STERRA	0	0	0	0	5,5712
102	102	103	SACC	0	0	0	0	6,9186
102	102	102	SACC	0	0	0	0	11,6926
102	102	116	SACC	0	0	0	0	12,7289
102	102	117	SACC	0	0	0	0	6,9959
103	103	104	DEAD	4,43	-8,56	29,314	11,44	0
103	103	103	DEAD	4,34	-9,19	28,815	11,97	0
103	103	117	DEAD	6,86	-7,12	21,245	12,11	0
103	103	118	DEAD	6,93	-6,47	21,41	11,61	0
103	103	104	STERRA	0	0	0	0	2,7994
103	103	103	STERRA	0	0	0	0	5,0342
103	103	117	STERRA	0	0	0	0	5,56
103	103	118	STERRA	0	0	0	0	2,5717

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
103	103	104	SACC	0	0	0	0	4,2847
103	103	103	SACC	0	0	0	0	6,9351
103	103	117	SACC	0	0	0	0	6,9851
103	103	118	SACC	0	0	0	0	3,4782
104	104	105	DEAD	3,07	-8,33	32,973	10,21	0
104	104	104	DEAD	2,82	-9,1	31,723	10,79	0
104	104	118	DEAD	4,58	-7,25	24,56	10,33	0
104	104	119	DEAD	4,77	-6,42	25,454	9,72	0
104	104	105	STERRA	0	0	0	0	1,3708
104	104	104	STERRA	0	0	0	0	2,7637
104	104	118	STERRA	0	0	0	0	2,575
104	104	119	STERRA	0	0	0	0	1,1638
104	104	105	SACC	0	0	0	0	2,3721
104	104	104	SACC	0	0	0	0	4,2464
104	104	118	SACC	0	0	0	0	3,4779
104	104	119	SACC	0	0	0	0	1,7506
105	105	106	DEAD	0,29	-7,22	45,866	7,37	0
105	105	105	DEAD	-0,2	-9,54	39,902	9,44	0
105	105	119	DEAD	3,19	-6,77	27,31	8,81	0
105	105	120	DEAD	3,38	-4,13	29,425	6,52	0
105	105	106	STERRA	0	0	0	0	1,8033
105	105	105	STERRA	0	0	0	0	1,7254
105	105	119	STERRA	0	0	0	0	1,1091
105	105	120	STERRA	0	0	0	0	0,2705
105	105	106	SACC	0	0	0	0	2,9324
105	105	105	SACC	0	0	0	0	2,8475
105	105	119	SACC	0	0	0	0	1,6827
105	105	120	SACC	0	0	0	0	0,4864
106	106	108	DEAD	55,64	-8,03	26,073	60,06	0
106	106	107	DEAD	49,47	3,64	19,712	47,76	0
106	106	122	DEAD	65,3	9,24	13,795	61,21	0
106	106	123	DEAD	70,12	-1,07	20,728	70,66	0
106	106	108	STERRA	0	0	0	0	-2,5251
106	106	107	STERRA	0	0	0	0	-7,0016
106	106	122	STERRA	0	0	0	0	-20,6949
106	106	123	STERRA	0	0	0	0	-6,3994
106	106	108	SACC	0	0	0	0	-3,2587
106	106	107	SACC	0	0	0	0	-6,3635
106	106	122	SACC	0	0	0	0	-18,0329
106	106	123	SACC	0	0	0	0	-6,6071
107	107	109	DEAD	45,94	-6,65	18,247	49,6	0
107	107	108	DEAD	50,36	-4,5	23,156	52,76	0
107	107	123	DEAD	62	2,59	15,995	60,74	0
107	107	124	DEAD	58,73	-0,7	11,423	59,08	0
107	107	109	STERRA	0	0	0	0	2,1227
107	107	108	STERRA	0	0	0	0	-2,4663
107	107	123	STERRA	0	0	0	0	-5,9723
107	107	124	STERRA	0	0	0	0	0,4186
107	107	109	SACC	0	0	0	0	0,7711
107	107	108	SACC	0	0	0	0	-3,2031
107	107	123	SACC	0	0	0	0	-6,2597
107	107	124	SACC	0	0	0	0	-0,837
108	108	110	DEAD	39,7	-3,81	14,594	41,74	0
108	108	109	DEAD	40,65	-6,27	16,891	44,12	0
108	108	124	DEAD	44,37	-2,96	11,321	45,93	0
108	108	125	DEAD	43,82	-0,89	8,688	44,28	0
108	108	110	STERRA	0	0	0	0	4,8038
108	108	109	STERRA	0	0	0	0	2,0407
108	108	124	STERRA	0	0	0	0	0,506
108	108	125	STERRA	0	0	0	0	4,0998
108	108	110	SACC	0	0	0	0	3,747
108	108	109	SACC	0	0	0	0	0,7031
108	108	124	SACC	0	0	0	0	-0,7627
108	108	125	SACC	0	0	0	0	2,9525
109	109	111	DEAD	32,29	-3,79	13,372	34,34	0
109	109	110	DEAD	32,55	-4,68	14,367	35,12	0
109	109	125	DEAD	35,82	-2,54	9,549	37,16	0
109	109	126	DEAD	35,68	-1,76	8,455	36,6	0

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
109	109	111	STERRA	0	0	0	0	7,7732
109	109	110	STERRA	0	0	0	0	4,7885
109	109	125	STERRA	0	0	0	0	4,1402
109	109	126	STERRA	0	0	0	0	7,7712
109	109	111	SACC	0	0	0	0	7,5333
109	109	110	SACC	0	0	0	0	3,7354
109	109	125	SACC	0	0	0	0	2,9894
109	109	126	SACC	0	0	0	0	7,363
110	110	112	DEAD	26,64	-3,52	12,192	28,56	0
110	110	111	DEAD	26,82	-4,57	13,321	29,37	0
110	110	126	DEAD	29,12	-2,95	8,513	30,7	0
110	110	127	DEAD	29,06	-2,01	7,24	30,11	0
110	110	112	STERRA	0	0	0	0	12,304
110	110	111	STERRA	0	0	0	0	7,7852
110	110	126	STERRA	0	0	0	0	7,8136
110	110	127	STERRA	0	0	0	0	13,2609
110	110	112	SACC	0	0	0	0	13,2458
110	110	111	SACC	0	0	0	0	7,5493
110	110	126	SACC	0	0	0	0	7,4056
110	110	127	SACC	0	0	0	0	14,0714
111	111	113	DEAD	21,92	-3,54	11,783	23,89	0
111	111	112	DEAD	21,94	-4,28	12,343	24,36	0
111	111	127	DEAD	24,17	-2,98	7,718	25,79	0
111	111	128	DEAD	24,2	-2,29	7,057	25,42	0
111	111	113	STERRA	0	0	0	0	20,8973
111	111	112	STERRA	0	0	0	0	12,1181
111	111	127	STERRA	0	0	0	0	13,7818
111	111	128	STERRA	0	0	0	0	21,1422
111	111	113	SACC	0	0	0	0	23,5395
111	111	112	SACC	0	0	0	0	13,0363
111	111	127	SACC	0	0	0	0	14,6586
111	111	128	SACC	0	0	0	0	23,5098
112	112	114	DEAD	18,05	-3,58	11,734	20,08	0
112	112	113	DEAD	18,03	-4,24	12,183	20,48	0
112	112	128	DEAD	20,11	-3,11	7,5	21,83	0
112	112	129	DEAD	20,16	-2,48	6,942	21,51	0
112	112	114	STERRA	0	0	0	0	30,947
112	112	113	STERRA	0	0	0	0	21,1031
112	112	128	STERRA	0	0	0	0	20,5649
112	112	129	STERRA	0	0	0	0	47,957
112	112	114	SACC	0	0	0	0	35,3654
112	112	113	SACC	0	0	0	0	23,773
112	112	128	SACC	0	0	0	0	22,8537
112	112	129	SACC	0	0	0	0	54,3128
113	113	115	DEAD	14,71	-3,75	12,636	16,9	0
113	113	114	DEAD	14,64	-4,28	12,704	17,19	0
113	113	129	DEAD	16,68	-3,18	7,52	18,48	0
113	113	130	DEAD	16,76	-2,66	7,332	18,24	0
113	113	115	STERRA	0	0	0	0	20,2086
113	113	114	STERRA	0	0	0	0	30,9472
113	113	129	STERRA	0	0	0	0	47,9577
113	113	130	STERRA	0	0	0	0	19,6977
113	113	115	SACC	0	0	0	0	23,4768
113	113	114	SACC	0	0	0	0	35,3657
113	113	129	SACC	0	0	0	0	54,3125
113	113	130	SACC	0	0	0	0	22,5627
114	114	116	DEAD	11,78	-3,87	14,14	14,12	0
114	114	115	DEAD	11,67	-4,41	13,911	14,39	0
114	114	130	DEAD	13,6	-3,35	8,439	15,55	0
114	114	131	DEAD	13,71	-2,8	8,511	15,3	0
114	114	116	STERRA	0	0	0	0	10,4309
114	114	115	STERRA	0	0	0	0	20,0032
114	114	130	STERRA	0	0	0	0	20,2772
114	114	131	STERRA	0	0	0	0	12,1818
114	114	116	SACC	0	0	0	0	12,5181
114	114	115	SACC	0	0	0	0	23,244
114	114	130	SACC	0	0	0	0	23,2188
114	114	131	SACC	0	0	0	0	14,1704

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
115	115	117	DEAD	9,15	-4,14	16,945	11,78	0
115	115	116	DEAD	9,02	-4,62	16,464	12,01	0
115	115	131	DEAD	10,72	-3,45	9,751	12,79	0
115	115	132	DEAD	10,83	-2,95	10,037	12,57	0
115	115	117	STERRA	0	0	0	0	5,5719
115	115	116	STERRA	0	0	0	0	10,6149
115	115	131	STERRA	0	0	0	0	11,6665
115	115	132	STERRA	0	0	0	0	5,8174
115	115	117	SACC	0	0	0	0	6,9967
115	115	116	SACC	0	0	0	0	12,726
115	115	131	SACC	0	0	0	0	13,5863
115	115	132	SACC	0	0	0	0	6,9525
116	116	118	DEAD	6,86	-4,28	20,448	9,73	0
116	116	117	DEAD	6,67	-4,83	19,568	10	0
116	116	132	DEAD	7,96	-3,67	12,481	10,3	0
116	116	133	DEAD	8,12	-3,09	13,106	10,02	0
116	116	118	STERRA	0	0	0	0	2,5732
116	116	117	STERRA	0	0	0	0	5,5607
116	116	132	STERRA	0	0	0	0	5,7854
116	116	133	STERRA	0	0	0	0	2,501
116	116	118	SACC	0	0	0	0	3,4796
116	116	117	SACC	0	0	0	0	6,9859
116	116	132	SACC	0	0	0	0	6,9158
116	116	133	SACC	0	0	0	0	3,0962
117	117	119	DEAD	4,62	-4,38	24,935	7,79	0
117	117	118	DEAD	4,48	-5,05	24,189	8,26	0
117	117	133	DEAD	5,44	-3,77	15,935	8,01	0
117	117	134	DEAD	5,55	-3,07	16,17	7,57	0
117	117	119	STERRA	0	0	0	0	1,1624
117	117	118	STERRA	0	0	0	0	2,5765
117	117	133	STERRA	0	0	0	0	2,4881
117	117	134	STERRA	0	0	0	0	0,7702
117	117	119	SACC	0	0	0	0	1,7505
117	117	118	SACC	0	0	0	0	3,4792
117	117	133	SACC	0	0	0	0	3,0845
117	117	134	SACC	0	0	0	0	0,9928
118	118	120	DEAD	3,02	-3,85	27,525	5,97	0
118	118	119	DEAD	3,04	-4,72	27,234	6,77	0
118	118	134	DEAD	3,11	-3,79	20,654	5,99	0
118	118	135	DEAD	3,1	-2,92	20,014	5,22	0
118	118	120	STERRA	0	0	0	0	0,247
118	118	119	STERRA	0	0	0	0	1,1077
118	118	134	STERRA	0	0	0	0	0,7564
118	118	135	STERRA	0	0	0	0	0,1872
118	118	120	SACC	0	0	0	0	0,4501
118	118	119	SACC	0	0	0	0	1,6826
118	118	134	SACC	0	0	0	0	0,9714
118	118	135	SACC	0	0	0	0	0,2576
119	119	121	DEAD	0,73	-2,25	45,177	2,69	0
119	119	120	DEAD	0,04844	-4,19	32,943	4,21	0
119	119	135	DEAD	1,27	-3,03	19,813	3,83	0
119	119	136	DEAD	1,65	-0,79	24,969	2,15	0
119	119	121	STERRA	0	0	0	0	0,7192
119	119	120	STERRA	0	0	0	0	0,59
119	119	135	STERRA	0	0	0	0	0,1822
119	119	136	STERRA	0	0	0	0	-0,17
119	119	121	SACC	0	0	0	0	1,138
119	119	120	SACC	0	0	0	0	0,948
119	119	135	SACC	0	0	0	0	0,2598
119	119	136	SACC	0	0	0	0	-0,2706
120	120	123	DEAD	63,75	-7,23	14,811	67,66	0
120	120	122	DEAD	65,3	9,24	13,795	61,21	0
120	120	137	DEAD	105,48	18,97	8,235	97,39	0
120	120	138	DEAD	103,59	2,83	9,753	102,2	0
120	120	123	STERRA	0	0	0	0	-6,4209
120	120	122	STERRA	0	0	0	0	-20,6949
120	120	137	STERRA	0	0	0	0	-37,1088
120	120	138	STERRA	0	0	0	0	-6,9136

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
120	120	123	SACC	0	0	0	0	-6,6259
120	120	122	SACC	0	0	0	0	-18,0329
120	120	137	SACC	0	0	0	0	-31,8947
120	120	138	SACC	0	0	0	0	-7,2072
121	121	124	DEAD	57,1	0,35	6,823	56,93	0
121	121	123	DEAD	56,97	-4,9	9,151	59,57	0
121	121	138	DEAD	58,88	-3,08	4,386	60,47	0
121	121	139	DEAD	59,46	1,72	1,693	58,62	0
121	121	124	STERRA	0	0	0	0	0,4307
121	121	123	STERRA	0	0	0	0	-5,9938
121	121	138	STERRA	0	0	0	0	-8,4932
121	121	139	STERRA	0	0	0	0	-0,6216
121	121	124	SACC	0	0	0	0	-0,8267
121	121	123	SACC	0	0	0	0	-6,2785
121	121	138	SACC	0	0	0	0	-8,5124
121	121	139	SACC	0	0	0	0	-1,8951
122	122	125	DEAD	43,15	-0,38	5,293	43,34	0
122	122	124	DEAD	42,86	-2,03	5,484	43,92	0
122	122	139	DEAD	46,22	-1,14	3,975	46,8	0
122	122	140	DEAD	46,52	0,5	3,75	46,27	0
122	122	125	STERRA	0	0	0	0	4,0948
122	122	124	STERRA	0	0	0	0	0,5181
122	122	139	STERRA	0	0	0	0	-0,9287
122	122	140	STERRA	0	0	0	0	3,6412
122	122	125	SACC	0	0	0	0	2,9478
122	122	124	SACC	0	0	0	0	-0,7524
122	122	139	SACC	0	0	0	0	-2,146
122	122	140	SACC	0	0	0	0	2,3722
123	123	126	DEAD	35,28	-0,59	5,053	35,58	0
123	123	125	DEAD	35,09	-1,97	5,596	36,12	0
123	123	140	DEAD	36,82	-1,31	2,851	37,49	0
123	123	141	DEAD	37,04	0,03315	2,239	37,03	0
123	123	126	STERRA	0	0	0	0	7,7734
123	123	125	STERRA	0	0	0	0	4,1351
123	123	140	STERRA	0	0	0	0	3,4669
123	123	141	STERRA	0	0	0	0	7,8144
123	123	126	SACC	0	0	0	0	7,3649
123	123	125	SACC	0	0	0	0	2,9847
123	123	140	SACC	0	0	0	0	2,2209
123	123	141	SACC	0	0	0	0	7,2598
124	124	127	DEAD	28,93	-0,69	4,349	29,28	0
124	124	126	DEAD	28,74	-1,79	4,516	29,67	0
124	124	141	DEAD	30,64	-1,26	2,725	31,3	0
124	124	142	DEAD	30,85	-0,17	2,514	30,93	0
124	124	127	STERRA	0	0	0	0	13,2527
124	124	126	STERRA	0	0	0	0	7,8157
124	124	141	STERRA	0	0	0	0	7,6226
124	124	142	STERRA	0	0	0	0	14,0397
124	124	127	SACC	0	0	0	0	14,0622
124	124	126	SACC	0	0	0	0	7,4075
124	124	141	SACC	0	0	0	0	7,0691
124	124	142	SACC	0	0	0	0	14,7459
125	125	128	DEAD	24,17	-0,83	4,191	24,6	0
125	125	127	DEAD	24,03	-1,65	4,412	24,9	0
125	125	142	DEAD	25,88	-1,15	2,366	26,48	0
125	125	143	DEAD	26,03	-0,34	2,105	26,2	0
125	125	128	STERRA	0	0	0	0	21,1568
125	125	127	STERRA	0	0	0	0	13,7736
125	125	142	STERRA	0	0	0	0	13,1788
125	125	143	STERRA	0	0	0	0	27,0239
125	125	128	SACC	0	0	0	0	23,5263
125	125	127	SACC	0	0	0	0	14,6493
125	125	142	SACC	0	0	0	0	13,7852
125	125	143	SACC	0	0	0	0	29,9381
126	126	129	DEAD	20,21	-0,93	4,173	20,69	0
126	126	128	DEAD	20,07	-1,63	4,231	20,94	0
126	126	143	DEAD	22,15	-1,12	2,249	22,73	0
126	126	144	DEAD	22,29	-0,42	2,146	22,5	0

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
126	126	129	STERRA	0	0	0	0	47,9454
126	126	128	STERRA	0	0	0	0	20,5795
126	126	143	STERRA	0	0	0	0	27,1492
126	126	144	STERRA	0	0	0	0	44,2412
126	126	129	SACC	0	0	0	0	54,2996
126	126	128	SACC	0	0	0	0	22,8702
126	126	143	SACC	0	0	0	0	30,0881
126	126	144	SACC	0	0	0	0	49,8509
127	127	130	DEAD	16,84	-0,99	4,38	17,36	0
127	127	129	DEAD	16,72	-1,62	4,377	17,58	0
127	127	144	DEAD	18,93	-1,09	2,363	19,5	0
127	127	145	DEAD	19,05	-0,46	2,313	19,29	0
127	127	130	STERRA	0	0	0	0	19,7121
127	127	129	STERRA	0	0	0	0	47,946
127	127	144	STERRA	0	0	0	0	44,2391
127	127	145	STERRA	0	0	0	0	26,3033
127	127	130	SACC	0	0	0	0	22,579
127	127	129	SACC	0	0	0	0	54,2992
127	127	144	SACC	0	0	0	0	49,8524
127	127	145	SACC	0	0	0	0	29,7929
128	128	131	DEAD	13,77	-1,07	5,266	14,34	0
128	128	130	DEAD	13,65	-1,65	5,121	14,55	0
128	128	145	DEAD	15,94	-1,09	2,477	16,51	0
128	128	146	DEAD	16,06	-0,5	2,532	16,32	0
128	128	131	STERRA	0	0	0	0	12,1738
128	128	130	STERRA	0	0	0	0	20,2916
128	128	145	STERRA	0	0	0	0	26,1697
128	128	146	STERRA	0	0	0	0	11,6466
128	128	131	SACC	0	0	0	0	14,1614
128	128	130	SACC	0	0	0	0	23,2352
128	128	145	SACC	0	0	0	0	29,6429
128	128	146	SACC	0	0	0	0	13,3094
129	129	132	DEAD	10,88	-1,07	6,372	11,45	0
129	129	131	DEAD	10,75	-1,69	6,057	11,68	0
129	129	146	DEAD	12,95	-1,14	3,25	13,55	0
129	129	147	DEAD	13,08	-0,51	3,425	13,34	0
129	129	132	STERRA	0	0	0	0	5,8178
129	129	131	STERRA	0	0	0	0	11,6585
129	129	146	STERRA	0	0	0	0	12,486
129	129	147	STERRA	0	0	0	0	5,8149
129	129	132	SACC	0	0	0	0	6,9531
129	129	131	SACC	0	0	0	0	13,5772
129	129	146	SACC	0	0	0	0	14,2606
129	129	147	SACC	0	0	0	0	6,7
130	130	133	DEAD	8,08	-1,14	8,959	8,71	0
130	130	132	DEAD	7,95	-1,73	8,456	8,94	0
130	130	147	DEAD	9,82	-1,17	4,024	10,45	0
130	130	148	DEAD	9,94	-0,57	4,267	10,24	0
130	130	133	STERRA	0	0	0	0	2,4993
130	130	132	STERRA	0	0	0	0	5,7858
130	130	147	STERRA	0	0	0	0	5,9557
130	130	148	STERRA	0	0	0	0	2,2497
130	130	133	SACC	0	0	0	0	3,0941
130	130	132	SACC	0	0	0	0	6,9164
130	130	147	SACC	0	0	0	0	6,8583
130	130	148	SACC	0	0	0	0	2,5721
131	131	134	DEAD	5,5	-1,08	12,343	6,11	0
131	131	133	DEAD	5,34	-1,75	11,398	6,4	0
131	131	148	DEAD	6,46	-1,31	6,466	7,21	0
131	131	149	DEAD	6,61	-0,62	6,963	6,94	0
131	131	134	STERRA	0	0	0	0	0,7714
131	131	133	STERRA	0	0	0	0	2,4864
131	131	148	STERRA	0	0	0	0	2,3121
131	131	149	STERRA	0	0	0	0	0,449
131	131	134	SACC	0	0	0	0	0,9945
131	131	133	SACC	0	0	0	0	3,0825
131	131	148	SACC	0	0	0	0	2,6383
131	131	149	SACC	0	0	0	0	0,4107

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
132	132	135	DEAD	3,1	-1,06	17,881	3,74	0
132	132	134	DEAD	3	-1,72	17,381	4,14	0
132	132	149	DEAD	3,2	-1,35	10,276	4,04	0
132	132	150	DEAD	3,29	-0,69	9,782	3,69	0
132	132	135	STERRA	0	0	0	0	0,183
132	132	134	STERRA	0	0	0	0	0,7576
132	132	149	STERRA	0	0	0	0	0,4819
132	132	150	STERRA	0	0	0	0	-0,2725
132	132	135	SACC	0	0	0	0	0,2516
132	132	134	SACC	0	0	0	0	0,9731
132	132	149	SACC	0	0	0	0	0,4482
132	132	150	SACC	0	0	0	0	-0,4997
133	133	136	DEAD	1,41	-0,56	18,645	1,76	0
133	133	135	DEAD	1,27	-1,18	16,033	2,12	0
133	133	150	DEAD	0,63	-1,24	15,275	1,65	0
133	133	151	DEAD	0,77	-0,62	18,721	1,21	0
133	133	136	STERRA	0	0	0	0	-0,1629
133	133	135	STERRA	0	0	0	0	0,178
133	133	150	STERRA	0	0	0	0	-0,3304
133	133	151	STERRA	0	0	0	0	0,1377
133	133	136	SACC	0	0	0	0	-0,2607
133	133	135	SACC	0	0	0	0	0,2539
133	133	150	SACC	0	0	0	0	-0,6041
133	133	151	SACC	0	0	0	0	0,2216

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
				KN-m/m	KN-m/m	KN-m/m	KN-m/m	Degrees
1	1	1	DEAD	0	0	0	0	0
1	1	3	DEAD	0	0	0	0	0
1	1	2	DEAD	0	0	0	0	0
1	1	1	STERRA	0,1543	-0,0194	0,7721	0,1537	-1,802
1	1	3	STERRA	0,1576	-0,0137	0,7881	0,1573	-1,247
1	1	2	STERRA	0,0067	-0,062	0,5386	-0,0005211	-6,644
1	1	1	SACC	0,0602	-0,0076	0,3015	0,06	-1,802
1	1	3	SACC	0,0615	-0,0054	0,3077	0,0614	-1,247
1	1	2	SACC	0,0026	-0,0242	0,2103	-0,0002035	-6,644
2	2	4	DEAD	0	0	0	0	0
2	2	6	DEAD	0	0	0	0	0
2	2	7	DEAD	0	0	0	0	0
2	2	4	STERRA	-0,9723	-6,826	16,3292	-3,6654	-21,531
2	2	6	STERRA	3,5632	-7,5498	22,4317	0,5424	-21,808
2	2	7	STERRA	4,7729	-9,578	22,0749	-0,5292	-28,968
2	2	4	SACC	-0,5017	-4,6724	11,0478	-2,392	-22,026
2	2	6	SACC	2,5437	-5,4279	15,7497	0,3127	-22,344
2	2	7	SACC	4,0773	-6,9913	16,1645	0,0335	-30,045
3	3	4	DEAD	0	0	0	0	0
3	3	3	DEAD	0	0	0	0	0
3	3	5	DEAD	0	0	0	0	0
3	3	6	DEAD	0	0	0	0	0
3	3	4	STERRA	-1,2815	-5,5852	14,1163	-3,3074	-19,937
3	3	3	STERRA	3,8915	-2,2689	19,7813	3,5675	-8,126
3	3	5	STERRA	5,8379	-1,4317	29,2769	5,7504	-3,495
3	3	6	STERRA	3,6098	-4,748	20,9443	2,3093	-15,318
3	3	4	SACC	-0,6976	-3,8523	9,6168	-2,1364	-20,48
3	3	3	SACC	2,3531	-1,5248	12,0065	2,1123	-8,976
3	3	5	SACC	3,6689	-1,0054	18,4133	3,6004	-3,901
3	3	6	SACC	2,5777	-3,3329	14,6121	1,6547	-15,48
4	4	7	DEAD	0	0	0	0	0
4	4	10	DEAD	0	0	0	0	0
4	4	11	DEAD	0	0	0	0	0
4	4	7	STERRA	0,4666	-9,1009	23,1026	-3,1925	-21,903
4	4	10	STERRA	0,7427	-8,2445	21,4432	-2,5409	-21,716
4	4	11	STERRA	-1,5857	-7,6866	19,5851	-4,3765	-19,955
4	4	7	SACC	0,883	-6,9513	17,3572	-2,0501	-22,877
4	4	10	SACC	1,0166	-6,5936	16,7164	-1,7526	-22,781

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
4	4	11	SACC	0,0223	-6,3837	15,8436	-2,5535	-21,974
5	5	6	DEAD	0	0	0	0	0
5	5	5	DEAD	0	0	0	0	0
5	5	8	DEAD	0	0	0	0	0
5	5	9	DEAD	0	0	0	0	0
5	5	6	STERRA	4,1372	-4,2353	20,8242	3,0622	-14,241
5	5	5	STERRA	5,8379	-1,5801	29,2959	5,7315	-3,853
5	5	8	STERRA	7,4346	-1,4339	37,2419	7,3656	-2,754
5	5	9	STERRA	4,0747	-4,0892	25,5947	3,2977	-10,759
5	5	6	SACC	2,9958	-3,0562	14,5791	2,1895	-14,781
5	5	5	SACC	3,6689	-1,1155	18,429	3,5846	-4,322
5	5	8	SACC	4,8209	-1,0674	24,1635	4,762	-3,159
5	5	9	SACC	3,0418	-3,0082	18,1665	2,4435	-11,249
6	6	7	DEAD	0	0	0	0	0
6	6	6	DEAD	0	0	0	0	0
6	6	9	DEAD	0	0	0	0	0
6	6	10	DEAD	0	0	0	0	0
6	6	7	STERRA	-0,2693	-8,6224	19,5211	-4,0259	-23,542
6	6	6	STERRA	4,0906	-6,9197	22,1654	1,4415	-20,949
6	6	9	STERRA	4,0812	-5,7509	26,3361	2,595	-14,489
6	6	10	STERRA	0,8771	-7,4537	21,5224	-1,814	-19,851
6	6	7	SACC	0,27	-6,4916	14,3518	-2,7225	-24,749
6	6	6	SACC	2,9618	-5,041	15,6113	0,9529	-21,728
6	6	9	SACC	3,0416	-4,3026	18,7462	1,8628	-15,322
6	6	10	SACC	1,1364	-5,7532	16,6764	-0,9935	-20,316
7	7	11	DEAD	0	0	0	0	0
7	7	15	DEAD	0	0	0	0	0
7	7	16	DEAD	0	0	0	0	0
7	7	11	STERRA	-2,96	-6,6413	19,2554	-4,9454	-16,644
7	7	15	STERRA	-2,9278	-5,3707	16,3109	-4,4271	-15,598
7	7	16	STERRA	-6,239	-4,3437	14,4172	-7,1524	-11,875
7	7	11	SACC	-1,3827	-5,8613	16,1374	-3,3435	-18,497
7	7	15	SACC	-1,4447	-5,0988	14,2783	-3,0982	-17,967
7	7	16	SACC	-3,4204	-4,4574	13,0993	-4,6231	-15,1
8	8	9	DEAD	0	0	0	0	0
8	8	8	DEAD	0	0	0	0	0
8	8	12	DEAD	0	0	0	0	0
8	8	13	DEAD	0	0	0	0	0
8	8	9	STERRA	4,0667	-3,4603	25,378	3,5048	-9,223
8	8	8	STERRA	7,4346	-1,3905	37,2378	7,3697	-2,671
8	8	12	STERRA	8,7157	-1,0075	43,6074	8,6866	-1,654
8	8	13	STERRA	4,8085	-3,0773	29,1395	4,4193	-7,208
8	8	9	SACC	3,0093	-2,6703	18,0362	2,5348	-10,076
8	8	8	SACC	4,8209	-1,044	24,1609	4,7646	-3,09
8	8	12	SACC	5,8126	-0,8204	29,0919	5,7837	-2,018
8	8	13	SACC	3,5737	-2,4467	21,063	3,2315	-7,964
9	9	10	DEAD	0	0	0	0	0
9	9	9	DEAD	0	0	0	0	0
9	9	13	DEAD	0	0	0	0	0
9	9	14	DEAD	0	0	0	0	0
9	9	10	STERRA	1,1825	-6,2419	20,8713	-0,7963	-17,59
9	9	9	STERRA	4,0731	-5,2592	26,1039	2,8176	-13,426
9	9	13	STERRA	4,8158	-4,4002	29,569	4,0336	-10,08
9	9	14	STERRA	0,5744	-5,3829	21,1089	-0,8367	-14,689
9	9	10	SACC	1,4609	-4,9249	16,2512	-0,179	-18,417
9	9	9	SACC	3,0092	-4,0823	18,6278	1,9422	-14,648
9	9	13	SACC	3,5791	-3,5574	21,4554	2,8712	-11,255
9	9	14	SACC	0,9654	-4,4	16,7136	-0,264	-15,61
10	10	11	DEAD	0	0	0	0	0
10	10	10	DEAD	0	0	0	0	0
10	10	14	DEAD	0	0	0	0	0
10	10	15	DEAD	0	0	0	0	0
10	10	11	STERRA	-3,1164	-7,0305	18,7488	-5,3769	-17,825
10	10	10	STERRA	1,0481	-7,0146	20,7217	-1,4529	-19,624
10	10	14	STERRA	0,6165	-5,6932	21,4631	-0,9383	-15,275
10	10	15	STERRA	-2,9244	-5,709	16,5061	-4,6018	-16,374
10	10	11	SACC	-1,6305	-6,0192	15,1025	-3,7957	-19,785
10	10	10	SACC	1,3411	-5,7048	16,202	-0,8489	-21,001

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	14	SACC	0,9968	-4,7475	17,0458	-0,4076	-16,479
10	10	15	SACC	-1,4113	-5,0619	14,4115	-3,0307	-17,74
11	11	16	DEAD	0	0	0	0	0
11	11	21	DEAD	0	0	0	0	0
11	11	22	DEAD	0	0	0	0	0
11	11	16	STERRA	-6,5885	-2,8122	13,3373	-6,9854	-8,033
11	11	21	STERRA	-6,6795	-1,556	10,5273	-6,8202	-5,167
11	11	22	STERRA	-9,9321	-0,4995	9,2106	-9,9451	-1,495
11	11	16	SACC	-4,1853	-3,4518	12,7709	-4,8879	-11,507
11	11	21	SACC	-4,3715	-2,59	10,6425	-4,8182	-9,787
11	11	22	SACC	-6,584	-1,8253	9,68	-6,7888	-6,404
12	12	22	DEAD	0	0	0	0	0
12	12	28	DEAD	0	0	0	0	0
12	12	29	DEAD	0	0	0	0	0
12	12	22	STERRA	-9,8325	0,9925	8,3728	-9,8866	3,121
12	12	28	STERRA	-9,9	1,9973	6,5181	-10,143	6,936
12	12	29	STERRA	-12,4997	2,8431	5,776	-12,9419	8,842
12	12	22	SACC	-7,0626	-0,7222	9,4203	-7,0942	-2,509
12	12	28	SACC	-7,2604	0,0353	7,705	-7,2604	0,135
12	12	29	SACC	-9,1975	0,7203	7,1407	-9,2292	2,525
13	13	13	DEAD	0	0	0	0	0
13	13	12	DEAD	0	0	0	0	0
13	13	17	DEAD	0	0	0	0	0
13	13	18	DEAD	0	0	0	0	0
13	13	13	STERRA	4,7928	-2,314	28,9686	4,5713	-5,467
13	13	12	STERRA	8,7157	-0,9815	43,6059	8,6881	-1,611
13	13	17	STERRA	9,5521	-0,578	47,7692	9,5434	-0,866
13	13	18	STERRA	5,2644	-1,9105	31,3625	5,1246	-4,187
13	13	13	SACC	3,5652	-1,9766	20,9438	3,3404	-6,489
13	13	12	SACC	5,8126	-0,8118	29,0913	5,7843	-1,997
13	13	17	SACC	6,5479	-0,5569	32,7515	6,5361	-1,218
13	13	18	SACC	3,9255	-1,7217	23,0078	3,7702	-5,155
14	14	14	DEAD	0	0	0	0	0
14	14	13	DEAD	0	0	0	0	0
14	14	18	DEAD	0	0	0	0	0
14	14	19	DEAD	0	0	0	0	0
14	14	14	STERRA	0,591	-4,2453	20,6018	-0,3096	-11,978
14	14	13	STERRA	4,8001	-3,5897	29,3094	4,2743	-8,333
14	14	18	STERRA	5,2698	-2,6177	31,5106	5,0086	-5,697
14	14	19	STERRA	0,8524	-3,2732	21,0583	0,3221	-9,202
14	14	14	SACC	0,9533	-3,6572	16,3505	0,0846	-13,362
14	14	13	SACC	3,5706	-3,0408	21,2682	3,0481	-9,749
14	14	18	SACC	3,9278	-2,3924	23,1616	3,6303	-7,09
14	14	19	SACC	1,0912	-3,0088	16,9907	0,5218	-10,716
15	15	15	DEAD	0	0	0	0	0
15	15	14	DEAD	0	0	0	0	0
15	15	19	DEAD	0	0	0	0	0
15	15	20	DEAD	0	0	0	0	0
15	15	15	STERRA	-2,8234	-4,5908	15,9703	-3,9448	-13,727
15	15	14	STERRA	0,6331	-4,6137	20,9589	-0,4142	-12,789
15	15	19	STERRA	0,8472	-3,4829	21,101	0,2482	-9,757
15	15	20	STERRA	-3,4232	-3,4599	14,7303	-4,0826	-10,791
15	15	15	SACC	-1,2089	-4,1849	13,9852	-2,3615	-15,399
15	15	14	SACC	0,9847	-4,0781	16,6975	-0,0738	-14,55
15	15	19	SACC	1,0872	-3,2882	17,0772	0,411	-11,62
15	15	20	SACC	-1,8578	-3,395	13,2374	-2,6213	-12,675
16	16	16	DEAD	0	0	0	0	0
16	16	15	DEAD	0	0	0	0	0
16	16	20	DEAD	0	0	0	0	0
16	16	21	DEAD	0	0	0	0	0
16	16	16	STERRA	-6,4857	-3,5291	14,0606	-7,0919	-9,746
16	16	15	STERRA	-2,8268	-4,3307	15,8367	-3,8317	-13,064
16	16	20	STERRA	-3,4106	-3,1009	14,6661	-3,9425	-9,734
16	16	21	STERRA	-6,729	-2,2994	10,4468	-7,0368	-7,625
16	16	16	SACC	-4,2529	-3,9082	12,6345	-5,1573	-13,03
16	16	15	SACC	-1,2424	-4,2301	13,8508	-2,4279	-15,656
16	16	20	SACC	-1,8445	-3,2131	13,2253	-2,5296	-12,036
16	16	21	SACC	-4,3777	-2,8912	10,7185	-4,9314	-10,842

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
17	17	29	DEAD	0	0	0	0	0
17	17	36	DEAD	0	0	0	0	0
17	17	37	DEAD	0	0	0	0	0
17	17	29	STERRA	-12,2207	3,9471	5,405	-13,1046	12,623
17	17	36	STERRA	-12,1598	4,5566	4,6137	-13,3976	15,198
17	17	37	STERRA	-13,7502	5,0388	4,155	-15,1682	15,717
17	17	29	SACC	-9,5462	1,6109	7,1877	-9,7012	5,499
17	17	36	SACC	-9,657	2,1134	6,2149	-9,9384	7,585
17	17	37	SACC	-10,9442	2,5621	5,9165	-11,3335	8,641
18	18	18	DEAD	0	0	0	0	0
18	18	17	DEAD	0	0	0	0	0
18	18	23	DEAD	0	0	0	0	0
18	18	24	DEAD	0	0	0	0	0
18	18	18	STERRA	5,271	-1,1376	31,2737	5,2212	-2,505
18	18	17	STERRA	9,5521	-0,5421	47,7682	9,5444	-0,813
18	18	23	STERRA	9,9205	-0,1476	49,6031	9,92	-0,213
18	18	24	STERRA	5,5542	-0,7431	32,391	5,5337	-1,586
18	18	18	SACC	3,9274	-1,2104	22,93	3,8503	-3,645
18	18	17	SACC	6,5479	-0,5358	32,7506	6,537	-1,171
18	18	23	SACC	6,9813	-0,267	34,909	6,9787	-0,548
18	18	24	SACC	4,1646	-0,9416	24,103	4,1201	-2,704
19	19	19	DEAD	0	0	0	0	0
19	19	18	DEAD	0	0	0	0	0
19	19	24	DEAD	0	0	0	0	0
19	19	25	DEAD	0	0	0	0	0
19	19	19	STERRA	0,8331	-2,1208	20,75	0,6073	-6,078
19	19	18	STERRA	5,2764	-1,8602	31,3833	5,1438	-4,076
19	19	24	STERRA	5,5597	-0,9115	32,4287	5,5288	-1,943
19	19	25	STERRA	0,9666	-1,1721	20,781	0,8973	-3,385
19	19	19	SACC	1,0816	-2,204	16,7298	0,7712	-8,017
19	19	18	SACC	3,9297	-1,8957	23,0523	3,7418	-5,661
19	19	24	SACC	4,1682	-1,2292	24,1521	4,0926	-3,52
19	19	25	SACC	1,0591	-1,5376	16,88	0,9096	-5,551
20	20	20	DEAD	0	0	0	0	0
20	20	19	DEAD	0	0	0	0	0
20	20	25	DEAD	0	0	0	0	0
20	20	26	DEAD	0	0	0	0	0
20	20	20	STERRA	-3,4015	-2,1937	14,3464	-3,6726	-7,046
20	20	19	STERRA	0,828	-2,3237	20,769	0,5572	-6,646
20	20	25	STERRA	0,9741	-1,1191	20,8122	0,9109	-3,229
20	20	26	STERRA	-3,3654	-0,9891	13,2958	-3,4241	-3,398
20	20	20	SACC	-1,8647	-2,4599	12,8828	-2,275	-9,47
20	20	19	SACC	1,0775	-2,4626	16,7852	0,6915	-8,91
20	20	25	SACC	1,0637	-1,5678	16,909	0,9086	-5,651
20	20	26	SACC	-2,0107	-1,5651	12,2445	-2,1825	-6,266
21	21	21	DEAD	0	0	0	0	0
21	21	20	DEAD	0	0	0	0	0
21	21	26	DEAD	0	0	0	0	0
21	21	27	DEAD	0	0	0	0	0
21	21	21	STERRA	-6,7167	-1,3828	10,2542	-6,8294	-4,658
21	21	20	STERRA	-3,3888	-1,8243	14,3264	-3,5767	-5,879
21	21	26	STERRA	-3,3659	-0,6809	13,2624	-3,3938	-2,345
21	21	27	STERRA	-7,2057	-0,2395	8,8368	-7,2092	-0,855
21	21	21	SACC	-4,2259	-2,0614	10,484	-4,5148	-7,977
21	21	20	SACC	-1,8514	-2,3053	12,8991	-2,2117	-8,883
21	21	26	SACC	-2,0115	-1,4128	12,2087	-2,1519	-5,674
21	21	27	SACC	-4,9398	-1,1689	9,4152	-5,035	-4,655
22	22	22	DEAD	0	0	0	0	0
22	22	21	DEAD	0	0	0	0	0
22	22	27	DEAD	0	0	0	0	0
22	22	28	DEAD	0	0	0	0	0
22	22	22	STERRA	-9,6453	0,2557	9,2584	-9,6487	0,775
22	22	21	STERRA	-6,6672	-0,7192	10,4194	-6,6975	-2,41
22	22	27	STERRA	-7,2066	0,3087	8,8348	-7,2125	1,103
22	22	28	STERRA	-9,9622	1,2836	6,0671	-10,065	4,579
22	22	22	SACC	-7,0645	-1,2572	9,4746	-7,1601	-4,347
22	22	21	SACC	-4,2197	-1,7708	10,44	-4,4336	-6,888
22	22	27	SACC	-4,9358	-0,7973	9,3844	-4,9802	-3,187

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
22	22	28	SACC	-7,2786	-0,2836	7,6191	-7,284	-1,091
23	23	37	DEAD	0	0	0	0	0
23	23	45	DEAD	0	0	0	0	0
23	23	46	DEAD	0	0	0	0	0
23	23	37	STERRA	-13,4042	5,5455	3,9313	-15,1782	17,739
23	23	45	STERRA	-13,1531	5,7084	3,981	-15,055	18,426
23	23	46	STERRA	-13,6143	5,7619	3,6512	-15,5372	18,455
23	23	37	SACC	-11,1961	3,0109	6,0906	-11,7205	9,88
23	23	45	SACC	-11,1458	3,1783	5,8831	-11,739	10,572
23	23	46	SACC	-11,5904	3,2976	5,7045	-12,2192	10,795
24	24	24	DEAD	0	0	0	0	0
24	24	23	DEAD	0	0	0	0	0
24	24	30	DEAD	0	0	0	0	0
24	24	31	DEAD	0	0	0	0	0
24	24	24	STERRA	5,5545	-0,0039	32,3705	5,5545	-0,008428
24	24	23	STERRA	9,9205	-0,1202	49,6029	9,9201	-0,174
24	24	30	STERRA	9,8509	0,2519	49,256	9,8493	0,366
24	24	31	STERRA	5,5632	0,3681	32,1534	5,5581	0,793
24	24	24	SACC	4,1616	-0,4177	24,0667	4,1528	-1,202
24	24	23	SACC	6,9813	-0,2502	34,9087	6,9791	-0,513
24	24	30	SACC	7,1105	0,022	35,5527	7,1105	0,044
24	24	31	SACC	4,193	-0,1455	24,2491	4,192	-0,416
25	25	25	DEAD	0	0	0	0	0
25	25	24	DEAD	0	0	0	0	0
25	25	31	DEAD	0	0	0	0	0
25	25	32	DEAD	0	0	0	0	0
25	25	25	STERRA	0,9701	-0,0375	20,7125	0,97	-0,109
25	25	24	STERRA	5,56	-0,1718	32,3989	5,5589	-0,367
25	25	31	STERRA	5,5677	0,7452	32,1916	5,5468	1,603
25	25	32	STERRA	1,0468	0,8796	20,3516	1,0067	2,609
25	25	25	SACC	1,0624	-0,7027	16,7627	1,0309	-2,563
25	25	24	SACC	4,1652	-0,7036	24,1008	4,1404	-2,021
25	25	31	SACC	4,1961	-0,0167	24,2633	4,1961	-0,048
25	25	32	SACC	0,9861	-0,0157	16,5303	0,9861	-0,058
26	26	26	DEAD	0	0	0	0	0
26	26	25	DEAD	0	0	0	0	0
26	26	32	DEAD	0	0	0	0	0
26	26	33	DEAD	0	0	0	0	0
26	26	26	STERRA	-3,3831	0,2558	13,2375	-3,387	0,882
26	26	25	STERRA	0,9776	0,0125	20,7498	0,9776	0,036
26	26	32	STERRA	1,0503	1,1921	20,4023	0,9769	3,525
26	26	33	STERRA	-3,3172	1,4354	12,6434	-3,4462	5,139
26	26	26	SACC	-2,0203	-0,5991	12,0961	-2,0458	-2,43
26	26	25	SACC	1,0671	-0,7396	16,7893	1,0323	-2,693
26	26	32	SACC	0,9886	0,1743	16,545	0,9867	0,642
26	26	33	SACC	-2,247	0,3149	11,5539	-2,2542	1,307
27	27	27	DEAD	0	0	0	0	0
27	27	26	DEAD	0	0	0	0	0
27	27	33	DEAD	0	0	0	0	0
27	27	34	DEAD	0	0	0	0	0
27	27	27	STERRA	-7,1814	0,9455	8,8937	-7,237	3,366
27	27	26	STERRA	-3,3836	0,5496	13,2492	-3,4018	1,893
27	27	33	STERRA	-3,3119	1,7539	12,7322	-3,5036	6,239
27	27	34	STERRA	-7,1515	2,1497	7,9546	-7,4574	8,099
27	27	27	SACC	-4,9421	-0,1944	9,3222	-4,9448	-0,781
27	27	26	SACC	-2,0212	-0,4412	12,0802	-2,035	-1,792
27	27	33	SACC	-2,2434	0,5459	11,5865	-2,2649	2,26
27	27	34	SACC	-5,2151	0,7926	8,5832	-5,2606	3,288
28	28	28	DEAD	0	0	0	0	0
28	28	27	DEAD	0	0	0	0	0
28	28	34	DEAD	0	0	0	0	0
28	28	35	DEAD	0	0	0	0	0
28	28	28	STERRA	-9,9964	1,9753	6,1984	-10,2374	6,954
28	28	27	STERRA	-7,1822	1,5207	8,9768	-7,3254	5,376
28	28	34	STERRA	-7,15	2,5189	8,0729	-7,5668	9,396
28	28	35	STERRA	-10,252	2,9735	5,471	-10,8143	10,709
28	28	28	SACC	-7,1573	0,4475	7,6515	-7,1708	1,731
28	28	27	SACC	-4,9381	0,1606	9,3414	-4,9399	0,644

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
28	28	34	SACC	-5,2144	1,0239	8,6172	-5,2901	4,234
28	28	35	SACC	-7,813	1,3108	6,9885	-7,9291	5,061
29	29	29	DEAD	0	0	0	0	0
29	29	28	DEAD	0	0	0	0	0
29	29	35	DEAD	0	0	0	0	0
29	29	36	DEAD	0	0	0	0	0
29	29	29	STERRA	-12,0397	3,382	6,0577	-12,6717	10,585
29	29	28	STERRA	-9,9343	2,63	6,6845	-10,3505	8,993
29	29	35	STERRA	-10,2588	3,3671	5,5901	-10,9741	11,994
29	29	36	STERRA	-12,2129	4,1191	4,1473	-13,25	14,132
29	29	29	SACC	-9,5448	1,1627	7,1206	-9,6259	3,991
29	29	28	SACC	-7,139	0,772	7,7692	-7,179	2,964
29	29	35	SACC	-7,8135	1,5895	7,0402	-7,9836	6,108
29	29	36	SACC	-9,671	1,9802	6,1119	-9,9194	7,151
30	30	46	DEAD	0	0	0	0	0
30	30	55	DEAD	0	0	0	0	0
30	30	56	DEAD	0	0	0	0	0
30	30	46	STERRA	-13,1651	5,597	3,2471	-15,0738	18,831
30	30	55	STERRA	-12,7064	5,3674	3,9779	-14,4331	17,833
30	30	56	STERRA	-12,1874	5,0253	3,6823	-13,7787	17,571
30	30	46	SACC	-11,6403	3,1809	5,7259	-12,223	10,38
30	30	55	SACC	-11,3898	3,0321	6,2275	-11,9116	9,766
30	30	56	SACC	-11,0538	2,8187	6,0646	-11,5179	9,35
31	31	56	DEAD	0	0	0	0	0
31	31	66	DEAD	0	0	0	0	0
31	31	67	DEAD	0	0	0	0	0
31	31	56	STERRA	-11,4695	4,2926	2,9226	-12,7498	16,608
31	31	66	STERRA	-10,8419	3,8469	4,1599	-11,8284	14,382
31	31	67	STERRA	-9,8008	3,2612	3,8122	-10,5821	13,472
31	31	56	SACC	-10,6656	2,1895	5,6935	-10,9586	7,623
31	31	66	SACC	-10,2302	1,8736	6,7141	-10,4374	6,31
31	31	67	SACC	-9,5048	1,4488	6,4748	-9,6362	5,181
32	32	31	DEAD	0	0	0	0	0
32	32	30	DEAD	0	0	0	0	0
32	32	38	DEAD	0	0	0	0	0
32	32	39	DEAD	0	0	0	0	0
32	32	31	STERRA	5,5662	1,066	32,1916	5,5236	2,293
32	32	30	STERRA	9,8509	0,2752	49,2563	9,849	0,4
32	32	38	STERRA	9,3734	0,6251	46,8773	9,363	0,955
32	32	39	STERRA	5,3026	1,4159	30,6712	5,2236	3,195
32	32	31	SACC	4,1924	0,386	24,2554	4,1849	1,102
32	32	30	SACC	7,1105	0,0381	35,5528	7,1105	0,077
32	32	38	SACC	6,9336	0,3139	34,6714	6,93	0,648
32	32	39	SACC	4,0115	0,6618	23,4137	3,9889	1,954
33	33	32	DEAD	0	0	0	0	0
33	33	31	DEAD	0	0	0	0	0
33	33	39	DEAD	0	0	0	0	0
33	33	40	DEAD	0	0	0	0	0
33	33	32	STERRA	1,0444	1,9756	20,5115	0,8439	5,795
33	33	31	STERRA	5,5707	1,442	32,2493	5,4928	3,094
33	33	39	STERRA	5,3067	2,3174	30,8232	5,0962	5,189
33	33	40	STERRA	0,9852	2,851	19,6785	0,5504	8,672
33	33	32	SACC	0,9838	0,8408	16,5752	0,9384	3,087
33	33	31	SACC	4,1954	0,5139	24,2763	4,1822	1,466
33	33	39	SACC	4,0147	1,2146	23,4828	3,9389	3,57
33	33	40	SACC	0,7828	1,5415	15,8976	0,6256	5,823
34	34	33	DEAD	0	0	0	0	0
34	34	32	DEAD	0	0	0	0	0
34	34	40	DEAD	0	0	0	0	0
34	34	41	DEAD	0	0	0	0	0
34	34	33	STERRA	-3,3152	2,674	12,9542	-3,7547	9,334
34	34	32	STERRA	1,0479	2,286	20,5957	0,7805	6,67
34	34	40	STERRA	0,9893	3,4334	19,8878	0,3655	10,297
34	34	41	STERRA	-3,226	3,8214	12,6432	-4,1462	13,539
34	34	33	SACC	-2,2437	1,3176	11,6721	-2,3685	5,409
34	34	32	SACC	0,9864	1,0308	16,6106	0,9183	3,775
34	34	40	SACC	0,7859	1,9716	16,0111	0,5306	7,379
34	34	41	SACC	-2,4758	2,2584	11,2431	-2,8476	9,348

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
35	35	34	DEAD	0	0	0	0	0
35	35	33	DEAD	0	0	0	0	0
35	35	41	DEAD	0	0	0	0	0
35	35	42	DEAD	0	0	0	0	0
35	35	34	STERRA	-7,166	3,3012	8,3483	-7,8685	12,013
35	35	33	STERRA	-3,31	2,9946	13,0878	-3,8569	10,349
35	35	41	STERRA	-3,223	4,1851	12,8289	-4,3142	14,613
35	35	42	STERRA	-7,0026	4,4917	8,3421	-8,3174	16,316
35	35	34	SACC	-5,2235	1,7762	8,7616	-5,4491	7,238
35	35	33	SACC	-2,2401	1,5454	11,7365	-2,411	6,31
35	35	41	SACC	-2,4734	2,5545	11,3554	-2,9453	10,466
35	35	42	SACC	-5,5152	2,7853	8,5563	-6,0666	11,196
36	36	35	DEAD	0	0	0	0	0
36	36	34	DEAD	0	0	0	0	0
36	36	42	DEAD	0	0	0	0	0
36	36	43	DEAD	0	0	0	0	0
36	36	35	STERRA	-10,2257	3,9291	5,8729	-11,1847	13,716
36	36	34	STERRA	-7,1645	3,6512	8,504	-8,0154	13,117
36	36	42	STERRA	-6,9989	4,6954	8,4709	-8,424	16,884
36	36	43	STERRA	-10,0557	4,9732	5,8133	-11,6143	17,401
36	36	35	SACC	-7,8091	2,1814	7,1904	-8,1263	8,274
36	36	34	SACC	-5,2228	2,0088	8,8269	-5,51	8,137
36	36	42	SACC	-5,5123	2,9471	8,6334	-6,1263	11,768
36	36	43	SACC	-8,0764	3,1197	7,0951	-8,7179	11,62
37	37	36	DEAD	0	0	0	0	0
37	37	35	DEAD	0	0	0	0	0
37	37	43	DEAD	0	0	0	0	0
37	37	44	DEAD	0	0	0	0	0
37	37	36	STERRA	-12,2821	4,5467	4,34	-13,5257	15,298
37	37	35	STERRA	-10,2325	4,347	6,0412	-11,3937	14,956
37	37	43	STERRA	-10,0531	5,0872	5,8905	-11,6763	17,696
37	37	44	STERRA	-12,206	5,2868	4,4773	-13,8814	17,583
37	37	36	SACC	-9,5866	2,5365	6,2857	-9,992	9,08
37	37	35	SACC	-7,8096	2,4408	7,266	-8,2047	9,197
37	37	43	SACC	-8,0747	3,1503	7,1154	-8,7281	11,716
37	37	44	SACC	-10,0572	3,246	6,3256	-10,7004	11,207
38	38	37	DEAD	0	0	0	0	0
38	38	36	DEAD	0	0	0	0	0
38	38	44	DEAD	0	0	0	0	0
38	38	45	DEAD	0	0	0	0	0
38	38	37	STERRA	-13,269	5,2713	4,4054	-14,8412	16,607
38	38	36	STERRA	-12,229	4,9497	4,8007	-13,6676	16,207
38	38	44	STERRA	-12,2144	5,3115	4,4529	-13,9071	17,676
38	38	45	STERRA	-13,1869	5,6332	3,7808	-15,057	18,366
38	38	37	SACC	-11,2147	2,7743	5,9222	-11,6638	9,196
38	38	36	SACC	-9,5726	2,6938	6,4046	-10,0268	9,57
38	38	44	SACC	-10,0592	3,2264	6,3088	-10,6952	11,151
38	38	45	SACC	-11,1477	3,307	5,921	-11,7884	10,965
39	39	67	DEAD	0	0	0	0	0
39	39	78	DEAD	0	0	0	0	0
39	39	79	DEAD	0	0	0	0	0
39	39	67	STERRA	-8,6494	2,3293	2,6744	-9,1285	11,624
39	39	78	STERRA	-7,945	1,9439	3,9971	-8,2614	9,245
39	39	79	STERRA	-7,0715	1,3837	3,6029	-7,2509	7,386
39	39	67	SACC	-8,4534	0,6534	5,5327	-8,484	2,675
39	39	78	SACC	-7,906	0,4336	6,5419	-7,9191	1,719
39	39	79	SACC	-7,4475	0,0514	6,1835	-7,4477	0,216
40	40	39	DEAD	0	0	0	0	0
40	40	38	DEAD	0	0	0	0	0
40	40	47	DEAD	0	0	0	0	0
40	40	48	DEAD	0	0	0	0	0
40	40	39	STERRA	5,3054	2,0745	30,7618	5,1364	4,659
40	40	38	STERRA	9,3734	0,6456	46,878	9,3623	0,986
40	40	47	STERRA	8,5147	0,9757	42,6013	8,4867	1,64
40	40	48	STERRA	4,7786	2,4046	27,9992	4,5296	5,912
40	40	39	SACC	4,0105	1,2021	23,4652	3,9362	3,536
40	40	38	SACC	6,9336	0,3298	34,6717	6,9296	0,681
40	40	47	SACC	6,4464	0,6105	32,2467	6,432	1,355

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
40	40	48	SACC	3,6129	1,4828	21,5848	3,4906	4,717
41	41	40	DEAD	0	0	0	0	0
41	41	39	DEAD	0	0	0	0	0
41	41	48	DEAD	0	0	0	0	0
41	41	49	DEAD	0	0	0	0	0
41	41	40	STERRA	0,9849	3,9006	20,042	0,1865	11,568
41	41	39	STERRA	5,3096	2,9758	30,9586	4,9643	6,618
41	41	48	STERRA	4,7823	3,8091	28,3836	4,1676	9,168
41	41	49	STERRA	0,7802	4,7339	18,7498	-0,4669	14,759
41	41	40	SACC	0,7825	2,4166	16,1211	0,4017	8,953
41	41	39	SACC	4,0137	1,7546	23,5643	3,8562	5,128
41	41	48	SACC	3,6161	2,4689	21,8133	3,2811	7,726
41	41	49	SACC	0,4593	3,1309	15,0204	-0,2139	12,135
42	42	41	DEAD	0	0	0	0	0
42	42	40	DEAD	0	0	0	0	0
42	42	49	DEAD	0	0	0	0	0
42	42	50	DEAD	0	0	0	0	0
42	42	41	STERRA	-3,2282	5,0285	13,2564	-4,7621	16,964
42	42	40	STERRA	0,989	4,4819	20,304	-0,051	13,064
42	42	49	STERRA	0,7837	5,5882	19,2147	-0,9106	16,867
42	42	50	STERRA	-3,1583	6,1347	13,1265	-5,4694	20,642
42	42	41	SACC	-2,4776	3,2888	11,6372	-3,2439	13,116
42	42	40	SACC	0,7856	2,8456	16,2784	0,2629	10,407
42	42	49	SACC	0,4623	3,8085	15,3372	-0,5128	14,361
42	42	50	SACC	-2,7421	4,2517	11,3062	-4,0289	16,839
43	43	42	DEAD	0	0	0	0	0
43	43	41	DEAD	0	0	0	0	0
43	43	50	DEAD	0	0	0	0	0
43	43	51	DEAD	0	0	0	0	0
43	43	42	STERRA	-7,0018	5,6493	9,0194	-8,9939	19,423
43	43	41	STERRA	-3,2252	5,3887	13,476	-4,9639	17,882
43	43	50	STERRA	-3,1549	6,5548	13,4239	-5,7465	21,572
43	43	51	STERRA	-6,7345	6,8154	9,5936	-9,5793	22,656
43	43	42	SACC	-5,5117	3,8078	9,0045	-6,5106	14,698
43	43	41	SACC	-2,4752	3,5835	11,7838	-3,3758	14,107
43	43	50	SACC	-2,7393	4,6228	11,5311	-4,2369	17,95
43	43	51	SACC	-5,7378	4,8472	9,2482	-7,3056	17,924
44	44	43	DEAD	0	0	0	0	0
44	44	42	DEAD	0	0	0	0	0
44	44	51	DEAD	0	0	0	0	0
44	44	52	DEAD	0	0	0	0	0
44	44	43	STERRA	-10,0669	5,8992	6,3697	-12,1842	19,743
44	44	42	STERRA	-6,9981	5,8557	9,1671	-9,1193	19,912
44	44	51	STERRA	-6,732	6,8965	9,6626	-9,633	22,814
44	44	52	STERRA	-9,6784	6,94	7,2961	-12,5158	22,237
44	44	43	SACC	-8,0839	3,9861	7,4734	-9,1052	14,371
44	44	42	SACC	-5,5088	3,9667	9,0973	-6,5861	15,194
44	44	51	SACC	-5,7355	4,9259	9,3055	-7,3487	18,133
44	44	52	SACC	-8,2969	4,9453	8,0911	-9,7892	16,792
45	45	44	DEAD	0	0	0	0	0
45	45	43	DEAD	0	0	0	0	0
45	45	52	DEAD	0	0	0	0	0
45	45	53	DEAD	0	0	0	0	0
45	45	44	STERRA	-12,1739	5,9013	4,8536	-14,2192	19,115
45	45	43	STERRA	-10,0644	5,9949	6,4423	-12,2416	19,96
45	45	52	STERRA	-9,6758	6,7563	7,1795	-12,384	21,843
45	45	53	STERRA	-11,7643	6,6627	5,7462	-14,2994	20,832
45	45	44	SACC	-10,0406	3,8742	6,5883	-10,9432	13,115
45	45	43	SACC	-8,0822	4,017	7,4963	-9,1181	14,459
45	45	52	SACC	-8,2946	4,7672	8,0044	-9,689	16,303
45	45	53	SACC	-10,1841	4,6244	7,3691	-11,4024	14,759
46	46	45	DEAD	0	0	0	0	0
46	46	44	DEAD	0	0	0	0	0
46	46	53	DEAD	0	0	0	0	0
46	46	54	DEAD	0	0	0	0	0
46	46	45	STERRA	-13,3089	5,7428	3,8124	-15,2351	18,542
46	46	44	STERRA	-12,1823	5,9404	4,8398	-14,2554	19,238
46	46	53	STERRA	-11,7614	6,3333	5,5432	-14,0793	20,102

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
46	46	54	STERRA	-12,8305	6,1356	4,7031	-14,9775	19,287
46	46	45	SACC	-11,1364	3,5884	6,0325	-11,8864	11,805
46	46	44	SACC	-10,0425	3,8293	6,5594	-10,9257	12,988
46	46	53	SACC	-10,1821	4,2619	7,2052	-11,2268	13,772
46	46	54	SACC	-11,2966	4,021	6,7883	-12,1906	12,535
47	47	46	DEAD	0	0	0	0	0
47	47	45	DEAD	0	0	0	0	0
47	47	54	DEAD	0	0	0	0	0
47	47	55	DEAD	0	0	0	0	0
47	47	46	STERRA	-13,0651	5,663	3,7458	-14,9728	18,617
47	47	45	STERRA	-13,2752	5,7973	4,0002	-15,2206	18,551
47	47	54	STERRA	-12,8376	5,7059	4,4082	-14,7255	18,307
47	47	55	STERRA	-12,722	5,5717	4,0267	-14,5755	18,4
47	47	46	SACC	-11,6565	3,2279	5,664	-12,258	10,557
47	47	45	SACC	-11,1345	3,489	6,0025	-11,8449	11,508
47	47	54	SACC	-11,2979	3,5998	6,6111	-12,0215	11,365
47	47	55	SACC	-11,3824	3,3386	6,3705	-12,0102	10,651
48	48	79	DEAD	0	0	0	0	0
48	48	91	DEAD	0	0	0	0	0
48	48	92	DEAD	0	0	0	0	0
48	48	79	STERRA	-5,6038	0,8038	2,2386	-5,6862	5,852
48	48	91	STERRA	-4,9637	0,658	3,1031	-5,0173	4,663
48	48	92	STERRA	-4,6762	0,3392	2,7532	-4,6917	2,614
48	48	79	SACC	-5,8418	-0,3488	4,6714	-5,8534	-1,9
48	48	91	SACC	-5,3127	-0,3121	5,1087	-5,322	-1,715
48	48	92	SACC	-5,4882	-0,4511	4,682	-5,5082	-2,54
49	49	48	DEAD	0	0	0	0	0
49	49	47	DEAD	0	0	0	0	0
49	49	57	DEAD	0	0	0	0	0
49	49	58	DEAD	0	0	0	0	0
49	49	48	STERRA	4,7815	3,0279	28,1432	4,3891	7,385
49	49	47	STERRA	8,5147	0,9945	42,6024	8,4857	1,671
49	49	57	STERRA	7,2969	1,3071	36,5428	7,2385	2,559
49	49	58	STERRA	4,0042	3,3405	24,2319	3,4525	9,377
49	49	48	SACC	3,6123	2,0327	21,6909	3,3838	6,415
49	49	47	SACC	6,4464	0,6269	32,2475	6,4312	1,392
49	49	57	SACC	5,6434	0,9124	28,254	5,6066	2,311
49	49	58	SACC	2,9994	2,3181	18,7868	2,659	8,353
50	50	49	DEAD	0	0	0	0	0
50	50	48	DEAD	0	0	0	0	0
50	50	58	DEAD	0	0	0	0	0
50	50	59	DEAD	0	0	0	0	0
50	50	49	STERRA	0,7807	5,7357	19,2811	-0,9976	17,225
50	50	48	STERRA	4,7853	4,4323	28,5945	3,9602	10,545
50	50	58	STERRA	4,0077	5,2237	24,9978	2,7077	13,975
50	50	59	STERRA	0,4392	6,5272	17,5798	-2,0463	20,847
50	50	49	SACC	0,4592	4,0221	15,428	-0,6216	15,04
50	50	48	SACC	3,6155	3,0185	21,9745	3,1192	9,337
50	50	58	SACC	3,0027	3,7428	19,3212	2,1442	12,918
50	50	59	SACC	0,031	4,7465	13,9549	-1,587	18,823
51	51	50	DEAD	0	0	0	0	0
51	51	49	DEAD	0	0	0	0	0
51	51	59	DEAD	0	0	0	0	0
51	51	60	DEAD	0	0	0	0	0
51	51	50	STERRA	-3,1593	7,3	13,9331	-6,277	23,127
51	51	49	STERRA	0,7842	6,5892	19,8034	-1,4986	19,109
51	51	59	STERRA	0,4425	7,6456	18,3709	-2,818	23,096
51	51	60	STERRA	-3,0965	8,3564	13,8727	-7,2116	26,218
51	51	50	SACC	-2,7428	5,3055	11,9368	-4,6603	19,871
51	51	49	SACC	0,4621	4,6991	15,8016	-0,9774	17,032
51	51	59	SACC	0,0338	5,6757	14,5677	-2,1826	21,331
51	51	60	SACC	-2,9912	6,2822	11,6747	-5,6821	23,188
52	52	51	DEAD	0	0	0	0	0
52	52	50	DEAD	0	0	0	0	0
52	52	60	DEAD	0	0	0	0	0
52	52	61	DEAD	0	0	0	0	0
52	52	51	STERRA	-6,7373	7,9516	10,4311	-10,4201	24,852
52	52	50	STERRA	-3,1559	7,7189	14,2543	-6,5781	23,91

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
52	52	60	STERRA	-3,0937	8,8474	14,2777	-7,5998	26,99
52	52	61	STERRA	-6,3437	9,0801	11,4232	-10,9843	27,07
52	52	51	SACC	-5,7398	5,9	9,905	-7,9648	20,663
52	52	50	SACC	-2,7399	5,6753	12,1906	-4,8972	20,812
52	52	60	SACC	-2,9886	6,7375	12,0207	-6,0131	24,175
52	52	61	SACC	-5,8439	6,9622	10,5286	-8,8045	23,037
53	53	52	DEAD	0	0	0	0	0
53	53	51	DEAD	0	0	0	0	0
53	53	61	DEAD	0	0	0	0	0
53	53	62	DEAD	0	0	0	0	0
53	53	52	STERRA	-9,6781	7,8774	7,9741	-13,1935	24,049
53	53	51	STERRA	-6,7347	8,0284	10,5007	-10,4744	24,977
53	53	61	STERRA	-6,3409	9,0549	11,4145	-10,9588	27,021
53	53	62	STERRA	-9,0751	8,9039	9,5939	-13,3217	25,498
53	53	52	SACC	-8,2929	5,845	8,6196	-10,313	19,065
53	53	51	SACC	-5,7374	5,9762	9,9662	-8,0118	20,835
53	53	61	SACC	-5,8412	6,9674	10,544	-8,804	23,036
53	53	62	SACC	-8,3153	6,8362	9,8829	-10,8834	20,589
54	54	53	DEAD	0	0	0	0	0
54	54	52	DEAD	0	0	0	0	0
54	54	62	DEAD	0	0	0	0	0
54	54	63	DEAD	0	0	0	0	0
54	54	53	STERRA	-11,7728	7,2559	6,1474	-14,7108	22,043
54	54	52	STERRA	-9,6756	7,6952	7,8502	-13,0544	23,705
54	54	62	STERRA	-9,0726	8,4628	9,2653	-12,9781	24,773
54	54	63	STERRA	-11,0449	8,0235	8,0646	-14,4138	22,776
54	54	53	SACC	-10,191	5,2362	7,6833	-11,7249	16,328
54	54	52	SACC	-8,2907	5,6632	8,5188	-10,1986	18,619
54	54	62	SACC	-8,3126	6,4316	9,6332	-10,6177	19,717
54	54	63	SACC	-10,1621	6,0046	9,3326	-12,0116	17,119
55	55	54	DEAD	0	0	0	0	0
55	55	53	DEAD	0	0	0	0	0
55	55	63	DEAD	0	0	0	0	0
55	55	64	DEAD	0	0	0	0	0
55	55	54	STERRA	-12,7842	6,32	4,8326	-15,0515	19,735
55	55	53	STERRA	-11,77	6,9096	5,9221	-14,4685	21,333
55	55	63	STERRA	-11,0434	7,2838	7,556	-13,8958	21,386
55	55	64	STERRA	-12,0566	6,6942	6,6072	-14,4576	19,732
55	55	54	SACC	-11,256	4,2712	6,9068	-12,2605	13,233
55	55	53	SACC	-10,189	4,8718	7,5009	-11,5308	15,398
55	55	63	SACC	-10,1605	5,2891	8,9549	-11,6239	15,466
55	55	64	SACC	-11,1497	4,6884	8,5936	-12,263	13,358
56	56	55	DEAD	0	0	0	0	0
56	56	54	DEAD	0	0	0	0	0
56	56	64	DEAD	0	0	0	0	0
56	56	65	DEAD	0	0	0	0	0
56	56	55	STERRA	-12,9413	5,3063	3,8102	-14,6222	17,576
56	56	54	STERRA	-12,7913	5,9007	4,5388	-14,8005	18,803
56	56	64	STERRA	-12,055	5,8763	6,1149	-13,9554	17,922
56	56	65	STERRA	-11,9833	5,2819	5,2549	-13,6017	17,035
56	56	55	SACC	-11,5089	3,2352	6,3049	-12,0965	10,293
56	56	54	SACC	-11,2574	3,8281	6,7112	-12,0729	12,027
56	56	64	SACC	-11,1491	3,8662	8,2537	-11,9195	11,269
56	56	65	SACC	-11,2007	3,2733	7,6281	-11,7697	9,862
57	57	56	DEAD	0	0	0	0	0
57	57	55	DEAD	0	0	0	0	0
57	57	65	DEAD	0	0	0	0	0
57	57	66	DEAD	0	0	0	0	0
57	57	56	STERRA	-11,3461	4,6561	3,7002	-12,7869	17,195
57	57	55	STERRA	-12,9257	5,0669	3,7472	-14,4656	16,904
57	57	65	STERRA	-11,9884	4,4829	4,8075	-13,1849	14,944
57	57	66	STERRA	-10,8539	4,0721	4,214	-11,9544	15,123
57	57	56	SACC	-10,6077	2,5022	6,0652	-10,9833	8,535
57	57	55	SACC	-11,5163	2,9308	6,1661	-12,0021	9,411
57	57	65	SACC	-11,2011	2,5167	7,3977	-11,5416	7,706
57	57	66	SACC	-10,2299	2,0881	6,7652	-10,4864	7,005
58	58	92	DEAD	0	0	0	0	0
58	58	105	DEAD	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
58	58	106	DEAD	0	0	0	0	0
58	58	92	STERRA	-3,2347	0,2099	1,3621	-3,2443	2,614
58	58	105	STERRA	-2,7838	0,2016	1,798	-2,7926	2,519
58	58	106	STERRA	-2,8232	0,0572	1,4928	-2,8239	0,76
58	58	92	SACC	-3,7144	-0,3911	2,8614	-3,7377	-3,404
58	58	105	SACC	-3,3248	-0,2486	2,9437	-3,3346	-2,271
58	58	106	SACC	-3,7538	-0,256	2,5094	-3,7643	-2,34
59	59	106	DEAD	0	0	0	0	0
59	59	120	DEAD	0	0	0	0	0
59	59	121	DEAD	0	0	0	0	0
59	59	106	STERRA	-1,5903	0,1623	0,2028	-1,605	5,171
59	59	120	STERRA	-1,4065	0,0358	0,6141	-1,4071	1,014
59	59	121	STERRA	-1,1051	-0,1262	0,6116	-1,1144	-4,204
59	59	106	SACC	-2,0482	0,0131	0,6235	-2,0483	0,282
59	59	120	SACC	-1,9224	-0,0983	0,9876	-1,9257	-1,935
59	59	121	SACC	-1,6611	-0,2381	0,9753	-1,6826	-5,162
60	60	58	DEAD	0	0	0	0	0
60	60	57	DEAD	0	0	0	0	0
60	60	68	DEAD	0	0	0	0	0
60	60	69	DEAD	0	0	0	0	0
60	60	58	STERRA	4,0072	3,9324	24,4377	3,2503	10,895
60	60	57	STERRA	7,2969	1,3248	36,5444	7,2369	2,594
60	60	68	STERRA	5,7374	1,6237	28,8013	5,6231	4,027
60	60	69	STERRA	2,9833	4,2313	19,5274	1,9011	14,346
60	60	58	SACC	2,9995	2,8757	18,9644	2,4815	10,211
60	60	57	SACC	5,6434	0,9297	28,2554	5,6052	2,354
60	60	68	SACC	4,5181	1,2194	22,6723	4,4362	3,843
60	60	69	SACC	2,1676	3,1654	15,115	1,3937	13,738
61	61	59	DEAD	0	0	0	0	0
61	61	58	DEAD	0	0	0	0	0
61	61	69	DEAD	0	0	0	0	0
61	61	70	DEAD	0	0	0	0	0
61	61	59	STERRA	0,442	7,4746	18,2349	-2,698	22,787
61	61	58	STERRA	4,0107	5,816	25,2881	2,421	15,288
61	61	69	STERRA	2,9874	6,5639	20,8744	0,5787	20,151
61	61	70	STERRA	-0,0344	8,2225	16,2245	-4,1928	26,827
61	61	59	SACC	0,0329	5,6416	14,5324	-2,1622	21,261
61	61	58	SACC	3,0028	4,3002	19,5784	1,8872	14,544
61	61	69	SACC	2,1716	5,0241	16,1648	0,3677	19,75
61	61	70	SACC	-0,4844	6,3655	12,7841	-3,5383	25,629
62	62	60	DEAD	0	0	0	0	0
62	62	59	DEAD	0	0	0	0	0
62	62	70	DEAD	0	0	0	0	0
62	62	71	DEAD	0	0	0	0	0
62	62	60	STERRA	-3,0965	9,4618	14,7688	-8,1076	27,907
62	62	59	STERRA	0,4453	8,5926	19,0743	-3,518	24,761
62	62	70	STERRA	-0,0312	9,5769	17,3569	-5,3059	28,845
62	62	71	STERRA	-2,9935	10,4461	14,7051	-9,159	30,55
62	62	60	SACC	-2,9916	7,3407	12,4689	-6,477	25,398
62	62	59	SACC	0,0358	6,5702	15,1986	-2,8112	23,428
62	62	70	SACC	-0,4815	7,5317	13,7351	-4,4717	27,914
62	62	71	SACC	-3,1402	8,3022	12,2403	-7,6216	28,36
63	63	61	DEAD	0	0	0	0	0
63	63	60	DEAD	0	0	0	0	0
63	63	71	DEAD	0	0	0	0	0
63	63	72	DEAD	0	0	0	0	0
63	63	61	STERRA	-6,3484	10,1799	12,3299	-11,8965	28,591
63	63	60	STERRA	-3,0937	9,9518	15,1887	-8,5108	28,561
63	63	71	STERRA	-2,9917	11,0115	15,21	-9,6533	31,173
63	63	72	STERRA	-5,7201	11,2396	13,5961	-12,2601	30,194
63	63	61	SACC	-5,8479	8,0386	11,3291	-9,6098	25,079
63	63	60	SACC	-2,9891	7,7954	12,8362	-6,8291	26,225
63	63	71	SACC	-3,1386	8,8504	12,7095	-8,0811	29,181
63	63	72	SACC	-5,6555	9,0936	12,2549	-10,2726	26,918
64	64	62	DEAD	0	0	0	0	0
64	64	61	DEAD	0	0	0	0	0
64	64	72	DEAD	0	0	0	0	0
64	64	73	DEAD	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
64	64	62	STERRA	-9,0786	9,839	10,3334	-14,0655	26,878
64	64	61	STERRA	-6,3456	10,1536	12,3192	-11,8691	28,546
64	64	72	STERRA	-5,7179	11,1553	13,5315	-12,1825	30,093
64	64	73	STERRA	-8,1155	10,8407	12,5816	-13,7936	27,645
64	64	62	SACC	-8,3178	7,7765	10,5239	-11,5274	22,427
64	64	61	SACC	-5,8452	8,0427	11,3437	-9,6084	25,075
64	64	72	SACC	-5,6532	9,0645	12,2411	-10,2449	26,865
64	64	73	SACC	-7,9412	8,7984	12,4356	-11,7402	23,354
65	65	63	DEAD	0	0	0	0	0
65	65	62	DEAD	0	0	0	0	0
65	65	73	DEAD	0	0	0	0	0
65	65	74	DEAD	0	0	0	0	0
65	65	63	STERRA	-11,0425	8,6286	8,505	-14,8513	23,817
65	65	62	STERRA	-9,0761	9,3925	9,9869	-13,7039	26,23
65	65	73	STERRA	-8,1119	10,1682	12,0496	-13,2401	26,763
65	65	74	STERRA	-9,9427	9,4042	11,3644	-14,0934	23,815
65	65	63	SACC	-10,155	6,6377	9,7032	-12,3737	18,483
65	65	62	SACC	-8,3152	7,3677	10,2514	-11,2389	21,645
65	65	73	SACC	-7,9373	8,1807	12,0111	-11,2921	22,298
65	65	74	SACC	-9,7358	7,4507	12,3346	-12,251	18,654
66	66	64	DEAD	0	0	0	0	0
66	66	63	DEAD	0	0	0	0	0
66	66	74	DEAD	0	0	0	0	0
66	66	75	DEAD	0	0	0	0	0
66	66	64	STERRA	-12,0605	6,8502	6,7059	-14,561	20,053
66	66	63	STERRA	-11,041	7,8878	7,9758	-14,3127	22,528
66	66	74	STERRA	-9,9395	8,2658	10,5623	-13,2721	21,958
66	66	75	STERRA	-10,8557	7,2283	9,6673	-13,4016	19,402
66	66	64	SACC	-11,1536	4,8907	8,6851	-12,3593	13,848
66	66	63	SACC	-10,1533	5,9163	9,2929	-11,9533	16,922
66	66	74	SACC	-9,7322	6,3339	11,7082	-11,6033	16,458
66	66	75	SACC	-10,6577	5,3082	11,5128	-11,9286	13,465
67	67	65	DEAD	0	0	0	0	0
67	67	64	DEAD	0	0	0	0	0
67	67	75	DEAD	0	0	0	0	0
67	67	76	DEAD	0	0	0	0	0
67	67	65	STERRA	-11,9211	4,9772	5,104	-13,3762	16,296
67	67	64	STERRA	-12,0588	6,0115	6,1936	-14,0388	18,23
67	67	75	STERRA	-10,8561	5,8928	8,8794	-12,6156	16,625
67	67	76	STERRA	-10,7235	4,8585	7,4839	-12,02	14,941
67	67	65	SACC	-11,1334	3,0307	7,5638	-11,6246	9,207
67	67	64	SACC	-11,153	4,0576	8,3277	-11,9982	11,766
67	67	75	SACC	-10,6579	3,9787	10,9726	-11,3898	10,422
67	67	76	SACC	-10,5365	2,9518	9,8882	-10,9631	8,223
68	68	66	DEAD	0	0	0	0	0
68	68	65	DEAD	0	0	0	0	0
68	68	76	DEAD	0	0	0	0	0
68	68	77	DEAD	0	0	0	0	0
68	68	66	STERRA	-11,208	3,4274	3,8242	-11,9895	12,844
68	68	65	STERRA	-11,9262	4,2053	4,6878	-12,9906	14,204
68	68	76	STERRA	-10,7259	3,7458	6,9681	-11,5189	11,953
68	68	77	STERRA	-9,6341	2,968	5,3666	-10,2214	11,192
68	68	66	SACC	-10,5496	1,5477	6,5845	-10,6894	5,162
68	68	65	SACC	-11,1338	2,281	7,3521	-11,4152	7,034
68	68	76	SACC	-10,5405	1,8588	9,6129	-10,712	5,27
68	68	77	SACC	-9,5283	1,1255	7,9886	-9,6006	3,676
69	69	67	DEAD	0	0	0	0	0
69	69	66	DEAD	0	0	0	0	0
69	69	77	DEAD	0	0	0	0	0
69	69	78	DEAD	0	0	0	0	0
69	69	67	STERRA	-8,4273	2,8103	3,9441	-9,0657	12,798
69	69	66	STERRA	-11,1961	3,1161	3,7522	-11,8456	11,775
69	69	77	STERRA	-9,6385	2,1501	5,0717	-9,9527	8,316
69	69	78	STERRA	-7,9772	1,8443	3,8085	-8,2658	8,894
69	69	67	SACC	-8,2343	1,0631	6,6734	-8,3102	4,079
69	69	66	SACC	-10,55	1,2651	6,5367	-10,6436	4,235
69	69	77	SACC	-9,5294	0,3934	7,9194	-9,5383	1,292
69	69	78	SACC	-7,9392	0,1913	6,3656	-7,9418	0,766

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
70	70	69	DEAD	0	0	0	0	0
70	70	68	DEAD	0	0	0	0	0
70	70	80	DEAD	0	0	0	0	0
70	70	81	DEAD	0	0	0	0	0
70	70	69	STERRA	2,9863	4,8037	19,8168	1,6152	15,93
70	70	68	STERRA	5,7374	1,6424	28,8039	5,6205	4,073
70	70	80	STERRA	3,8387	1,943	19,4355	3,5966	7,101
70	70	81	STERRA	1,6846	5,1044	14,2057	-0,3962	22,179
70	70	69	SACC	2,1687	3,7318	15,3943	1,1157	15,757
70	70	68	SACC	4,5181	1,2391	22,6749	4,4335	3,904
70	70	80	SACC	3,0562	1,541	15,4722	2,8649	7,075
70	70	81	SACC	1,086	4,0337	10,8442	-0,5814	22,458
71	71	70	DEAD	0	0	0	0	0
71	71	69	DEAD	0	0	0	0	0
71	71	81	DEAD	0	0	0	0	0
71	71	82	DEAD	0	0	0	0	0
71	71	70	STERRA	-0,0251	9,1	16,9472	-4,9043	28,199
71	71	69	STERRA	2,9904	7,1374	21,2553	0,2013	21,344
71	71	81	STERRA	1,6897	7,8444	16,3481	-2,5082	28,153
71	71	82	STERRA	-0,6838	9,807	14,7879	-6,9002	32,369
71	71	70	SACC	-0,4764	7,2365	13,4832	-4,2277	27,402
71	71	69	SACC	2,1727	5,5906	16,5371	-0,0032	21,266
71	71	81	SACC	1,091	6,3018	12,6406	-2,3474	28,618
71	71	82	SACC	-1,1101	7,9476	11,6126	-6,0748	31,992
72	72	71	DEAD	0	0	0	0	0
72	72	70	DEAD	0	0	0	0	0
72	72	82	DEAD	0	0	0	0	0
72	72	83	DEAD	0	0	0	0	0
72	72	71	STERRA	-2,9903	11,4384	15,5841	-10,0342	31,625
72	72	70	STERRA	-0,0219	10,4519	18,1092	-6,047	29,962
72	72	82	STERRA	-0,6812	11,3083	16,1721	-8,2688	33,861
72	72	83	STERRA	-2,8069	12,2947	15,4771	-11,0742	33,918
72	72	71	SACC	-3,1378	9,3046	13,0933	-8,4717	29,824
72	72	70	SACC	-0,4735	8,4001	14,4689	-5,1958	29,343
72	72	82	SACC	-1,1076	9,2776	12,834	-7,2815	33,642
72	72	83	SACC	-3,1078	10,182	12,8715	-9,5958	32,505
73	73	72	DEAD	0	0	0	0	0
73	73	71	DEAD	0	0	0	0	0
73	73	83	DEAD	0	0	0	0	0
73	73	84	DEAD	0	0	0	0	0
73	73	72	STERRA	-5,7287	12,2568	14,486	-13,1603	31,23
73	73	71	STERRA	-2,9885	12,0023	16,097	-10,5364	32,165
73	73	83	STERRA	-2,8077	12,9073	16,0432	-11,6454	34,4
73	73	84	STERRA	-4,6665	13,1617	15,8632	-13,1046	32,664
73	73	72	SACC	-5,6645	10,1484	13,119	-11,1476	28,382
73	73	71	SACC	-3,1362	9,8522	13,5756	-8,9444	30,521
73	73	83	SACC	-3,1087	10,8058	13,4364	-10,1661	33,149
73	73	84	SACC	-4,9082	11,1021	14,2071	-11,3562	30,148
74	74	73	DEAD	0	0	0	0	0
74	74	72	DEAD	0	0	0	0	0
74	74	84	DEAD	0	0	0	0	0
74	74	85	DEAD	0	0	0	0	0
74	74	73	STERRA	-8,129	11,7812	13,3598	-14,588	28,734
74	74	72	STERRA	-5,7265	12,1758	14,4228	-13,0841	31,144
74	74	84	STERRA	-4,6674	13,1121	15,8147	-13,0614	32,626
74	74	85	STERRA	-6,4799	12,7175	16,1332	-13,6321	29,353
74	74	73	SACC	-7,9544	9,7998	13,1783	-12,4988	24,878
74	74	72	SACC	-5,6622	10,1236	13,1078	-11,1224	28,34
74	74	84	SACC	-4,909	11,1376	14,2347	-11,3887	30,19
74	74	85	SACC	-6,7426	10,8137	15,6874	-11,956	25,739
75	75	74	DEAD	0	0	0	0	0
75	75	73	DEAD	0	0	0	0	0
75	75	85	DEAD	0	0	0	0	0
75	75	86	DEAD	0	0	0	0	0
75	75	74	STERRA	-9,937	10,043	11,8453	-14,5674	24,753
75	75	73	STERRA	-8,1254	11,1071	12,8112	-14,0178	27,946
75	75	85	STERRA	-6,4747	11,9309	15,488	-12,956	28,512
75	75	86	STERRA	-8,1763	10,8668	15,8348	-13,0944	24,35

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
75	75	74	SACC	-9,7275	8,1492	12,7724	-12,679	19,91
75	75	73	SACC	-7,9505	9,1799	12,7287	-12,0256	23,937
75	75	85	SACC	-6,7367	10,0917	15,1557	-11,3887	24,748
75	75	86	SACC	-8,5235	9,061	16,6618	-11,7834	19,787
76	76	75	DEAD	0	0	0	0	0
76	76	74	DEAD	0	0	0	0	0
76	76	86	DEAD	0	0	0	0	0
76	76	87	DEAD	0	0	0	0	0
76	76	75	STERRA	-10,8458	7,3512	9,7476	-13,4699	19,645
76	76	74	STERRA	-9,9338	8,894	11,0081	-13,7111	23,011
76	76	86	STERRA	-8,1701	9,2818	14,7127	-11,935	22,079
76	76	87	STERRA	-9,0247	7,739	14,117	-11,6128	18,491
76	76	75	SACC	-10,6419	5,4655	11,5887	-11,9856	13,813
76	76	74	SACC	-9,724	7,0213	12,0979	-11,9831	17,836
76	76	86	SACC	-8,5165	7,4666	15,7357	-10,8152	17,112
76	76	87	SACC	-9,4222	5,9109	15,9754	-10,7979	13,101
77	77	76	DEAD	0	0	0	0	0
77	77	75	DEAD	0	0	0	0	0
77	77	87	DEAD	0	0	0	0	0
77	77	88	DEAD	0	0	0	0	0
77	77	76	STERRA	-10,724	4,4636	7,2931	-11,8298	13,915
77	77	75	STERRA	-10,8461	6,0074	8,9453	-12,6695	16,885
77	77	87	STERRA	-9,0247	5,8084	13,0569	-10,5525	14,737
77	77	88	STERRA	-8,6923	4,2646	10,8895	-9,6211	12,286
77	77	76	SACC	-10,5387	2,5687	9,7858	-10,8633	7,203
77	77	75	SACC	-10,6421	4,1229	11,0283	-11,4265	10,772
77	77	87	SACC	-9,4223	3,9329	15,2271	-10,0498	9,065
77	77	88	SACC	-9,0694	2,3787	13,3558	-9,3218	6,055
78	78	77	DEAD	0	0	0	0	0
78	78	76	DEAD	0	0	0	0	0
78	78	88	DEAD	0	0	0	0	0
78	78	89	DEAD	0	0	0	0	0
78	78	77	STERRA	-9,5856	2,2469	5,1321	-9,9286	8,68
78	78	76	STERRA	-10,7264	3,3214	6,8043	-11,3557	10,728
78	78	88	STERRA	-8,6986	2,6686	10,3039	-9,0734	7,994
78	78	89	STERRA	-7,5689	1,5942	7,1736	-7,7412	6,172
78	78	77	SACC	-9,4676	0,4224	7,9387	-9,4779	1,39
78	78	76	SACC	-10,5427	1,4497	9,5457	-10,6473	4,128
78	78	88	SACC	-9,0763	0,7807	13,0966	-9,1038	2,017
78	78	89	SACC	-7,8887	-0,2466	9,8439	-7,8921	-0,797
79	79	78	DEAD	0	0	0	0	0
79	79	77	DEAD	0	0	0	0	0
79	79	89	DEAD	0	0	0	0	0
79	79	90	DEAD	0	0	0	0	0
79	79	78	STERRA	-8,4089	1,0121	3,5194	-8,4947	4,85
79	79	77	STERRA	-9,59	1,5002	4,9223	-9,7451	5,902
79	79	89	STERRA	-7,5748	0,8172	7,0173	-7,6206	3,205
79	79	90	STERRA	-6,2572	0,329	4,4158	-6,2674	1,766
79	79	78	SACC	-8,3965	-0,6101	6,297	-8,4218	-2,378
79	79	77	SACC	-9,4688	-0,2413	7,926	-9,4721	-0,795
79	79	89	SACC	-7,8965	-0,9262	9,8497	-7,9449	-2,988
79	79	90	SACC	-6,6048	-1,295	6,9596	-6,7285	-5,453
80	80	79	DEAD	0	0	0	0	0
80	80	78	DEAD	0	0	0	0	0
80	80	90	DEAD	0	0	0	0	0
80	80	91	DEAD	0	0	0	0	0
80	80	79	STERRA	-5,2786	1,1178	3,918	-5,4145	6,93
80	80	78	STERRA	-8,3767	0,9683	3,6722	-8,4545	4,595
80	80	90	STERRA	-6,2595	0,0047	4,3945	-6,2595	0,025
80	80	91	STERRA	-5,0259	0,1542	2,7415	-5,0289	1,137
80	80	79	SACC	-5,4575	-0,1323	6,5828	-5,459	-0,63
80	80	78	SACC	-8,3633	-0,5147	6,4553	-8,3812	-1,989
80	80	90	SACC	-6,6053	-1,4556	6,9897	-6,7611	-6,111
80	80	91	SACC	-5,3896	-1,0733	4,8277	-5,5023	-5,997
81	81	81	DEAD	0	0	0	0	0
81	81	80	DEAD	0	0	0	0	0
81	81	93	DEAD	0	0	0	0	0
81	81	94	DEAD	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	81	STERRA	1,6907	5,7059	14,6402	-0,8235	23,779
81	81	80	STERRA	3,8387	1,9711	19,4424	3,5897	7,2
81	81	93	STERRA	1,5465	2,3301	8,5119	0,767	18,496
81	81	94	STERRA	-0,0165	6,0649	8,9585	-4,1148	34,049
81	81	81	SACC	1,0911	4,6387	11,2881	-1,0191	24,461
81	81	80	SACC	3,0562	1,5702	15,4794	2,8577	7,204
81	81	93	SACC	1,2009	1,9263	6,6816	0,5239	19,365
81	81	94	SACC	-0,3515	4,9948	6,6362	-3,9218	35,557
82	82	82	DEAD	0	0	0	0	0
82	82	81	DEAD	0	0	0	0	0
82	82	94	DEAD	0	0	0	0	0
82	82	95	DEAD	0	0	0	0	0
82	82	82	STERRA	-0,6617	10,5837	15,5047	-7,5905	33,211
82	82	81	STERRA	1,6957	8,4445	16,8553	-3,0082	29,12
82	82	94	STERRA	-0,0012	9,1176	11,9136	-6,9782	37,424
82	82	95	STERRA	-1,5767	11,2567	13,4391	-10,0155	36,857
82	82	82	SACC	-1,0906	8,7458	12,3449	-6,7836	33,062
82	82	81	SACC	1,0961	6,9043	13,1559	-2,8566	29,791
82	82	94	SACC	-0,3377	7,5896	9,1842	-6,3871	38,557
82	82	95	SACC	-1,8911	9,4311	10,5712	-9,0283	37,118
83	83	83	DEAD	0	0	0	0	0
83	83	82	DEAD	0	0	0	0	0
83	83	95	DEAD	0	0	0	0	0
83	83	96	DEAD	0	0	0	0	0
83	83	83	STERRA	-2,8014	13,0577	16,1891	-11,7797	34,512
83	83	82	STERRA	-0,6591	12,0711	16,8913	-8,9615	34,52
83	83	95	STERRA	-1,5727	12,6941	14,8391	-11,3913	37,721
83	83	96	STERRA	-2,5172	13,6807	16,0163	-12,6158	36,433
83	83	83	SACC	-3,1024	10,9983	13,6187	-10,3366	33,335
83	83	82	SACC	-1,0881	10,0627	13,5714	-7,9954	34,467
83	83	95	SACC	-1,8874	10,737	11,8465	-10,2815	38,018
83	83	96	SACC	-2,8572	11,6726	13,3838	-11,2465	35,705
84	84	84	DEAD	0	0	0	0	0
84	84	83	DEAD	0	0	0	0	0
84	84	96	DEAD	0	0	0	0	0
84	84	97	DEAD	0	0	0	0	0
84	84	84	STERRA	-4,6696	13,9623	16,593	-13,838	33,291
84	84	83	STERRA	-2,8023	13,6645	16,7543	-12,3499	34,943
84	84	96	STERRA	-2,52	14,2545	16,5558	-13,1718	36,769
84	84	97	STERRA	-3,0879	14,5523	17,8061	-13,2233	34,856
84	84	84	SACC	-4,9105	11,9878	14,9826	-12,1345	31,074
84	84	83	SACC	-3,1032	11,6174	14,1862	-10,9094	33,899
84	84	96	SACC	-2,8596	12,2903	13,9622	-11,839	36,152
84	84	97	SACC	-3,4592	12,6606	15,9681	-11,71	33,092
85	85	85	DEAD	0	0	0	0	0
85	85	84	DEAD	0	0	0	0	0
85	85	97	DEAD	0	0	0	0	0
85	85	98	DEAD	0	0	0	0	0
85	85	85	STERRA	-6,5168	13,6401	16,9141	-14,4573	30,206
85	85	84	STERRA	-4,6705	13,927	16,5573	-13,8077	33,268
85	85	97	STERRA	-3,093	14,6357	17,8657	-13,3132	34,927
85	85	98	STERRA	-3,6642	14,3488	19,7898	-12,4425	31,458
85	85	85	SACC	-6,7827	11,8542	16,5012	-12,8179	26,981
85	85	84	SACC	-4,9114	12,0396	15,0252	-12,182	31,128
85	85	97	SACC	-3,4646	12,8609	16,1308	-11,9055	33,278
85	85	98	SACC	-4,0811	12,6755	19,1626	-10,9934	28,605
86	86	86	DEAD	0	0	0	0	0
86	86	85	DEAD	0	0	0	0	0
86	86	98	DEAD	0	0	0	0	0
86	86	99	DEAD	0	0	0	0	0
86	86	86	STERRA	-8,1858	11,6504	16,4291	-13,7	25,329
86	86	85	STERRA	-6,5117	12,8777	16,2766	-13,7889	29,471
86	86	98	STERRA	-3,6613	13,7943	19,3096	-11,945	30,985
86	86	99	STERRA	-5,0125	12,5671	21,8608	-10,8894	25,063
86	86	86	SACC	-8,532	9,9578	17,2467	-12,3785	21,121
86	86	85	SACC	-6,7768	11,1591	15,97	-12,2512	26,132
86	86	98	SACC	-4,0778	12,2208	18,7961	-10,607	28,114
86	86	99	SACC	-5,5867	11,0196	22,8014	-9,8643	21,215

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
87	87	87	DEAD	0	0	0	0	0
87	87	86	DEAD	0	0	0	0	0
87	87	99	DEAD	0	0	0	0	0
87	87	100	DEAD	0	0	0	0	0
87	87	87	STERRA	-8,9722	7,8176	14,1792	-11,6119	18,658
87	87	86	STERRA	-8,1796	10,0302	15,2414	-12,4751	23,183
87	87	99	STERRA	-4,9898	10,5552	20,4728	-9,3653	22,516
87	87	100	STERRA	-6,1764	8,3425	20,7871	-8,7576	17,192
87	87	87	SACC	-9,3612	6,0242	16,0406	-10,7899	13,342
87	87	86	SACC	-8,525	8,3227	16,233	-11,3227	18,581
87	87	99	SACC	-5,5611	8,9441	21,5977	-8,5066	18,228
87	87	100	SACC	-6,9003	6,6456	22,9901	-8,3778	12,535
88	88	88	DEAD	0	0	0	0	0
88	88	87	DEAD	0	0	0	0	0
88	88	100	DEAD	0	0	0	0	0
88	88	101	DEAD	0	0	0	0	0
88	88	88	STERRA	-8,7048	3,6536	10,648	-9,3945	10,691
88	88	87	STERRA	-8,9721	5,8654	13,0983	-10,5309	14,883
88	88	100	STERRA	-6,1764	5,4269	19,3594	-7,3297	11,998
88	88	101	STERRA	-5,2655	3,2151	15,6495	-5,7598	8,739
88	88	88	SACC	-9,0797	1,7282	13,2353	-9,2135	4,428
88	88	87	SACC	-9,3612	4,0218	15,2685	-10,0179	9,274
88	88	100	SACC	-6,9003	3,557	21,9511	-7,3388	7,028
88	88	101	SACC	-5,887	1,2634	18,4066	-5,9527	2,977
89	89	89	DEAD	0	0	0	0	0
89	89	88	DEAD	0	0	0	0	0
89	89	101	DEAD	0	0	0	0	0
89	89	102	DEAD	0	0	0	0	0
89	89	89	STERRA	-7,6043	0,7919	7,037	-7,6471	3,096
89	89	88	STERRA	-8,7111	2,0309	10,1454	-8,9298	6,147
89	89	101	STERRA	-5,2882	1,2042	15,1131	-5,3593	3,378
89	89	102	STERRA	-4,1825	-0,0349	9,1952	-4,1826	-0,149
89	89	89	SACC	-7,932	-1,0956	9,8991	-7,9994	-3,516
89	89	88	SACC	-9,0865	0,0979	13,0675	-9,087	0,253
89	89	101	SACC	-5,9127	-0,7995	18,2384	-5,9392	-1,896
89	89	102	SACC	-4,71	-1,993	11,9335	-4,9487	-6,829
90	90	90	DEAD	0	0	0	0	0
90	90	89	DEAD	0	0	0	0	0
90	90	102	DEAD	0	0	0	0	0
90	90	103	DEAD	0	0	0	0	0
90	90	90	STERRA	-6,2142	-0,3391	4,4251	-6,225	-1,825
90	90	89	STERRA	-7,6102	0,008	6,9645	-7,6102	0,031
90	90	102	STERRA	-4,185	-0,6269	9,2122	-4,2143	-2,679
90	90	103	STERRA	-3,8773	-0,974	5,1197	-3,9827	-6,178
90	90	90	SACC	-6,5427	-1,967	7,1313	-6,8256	-8,186
90	90	89	SACC	-7,9399	-1,7811	9,9698	-8,117	-5,679
90	90	102	SACC	-4,7125	-2,4514	12,0413	-5,0712	-8,325
90	90	103	SACC	-4,4339	-2,6373	7,5007	-5,0167	-12,461
91	91	91	DEAD	0	0	0	0	0
91	91	90	DEAD	0	0	0	0	0
91	91	103	DEAD	0	0	0	0	0
91	91	104	DEAD	0	0	0	0	0
91	91	91	STERRA	-5,4088	-0,519	2,6951	-5,4421	-3,664
91	91	90	STERRA	-6,2164	-0,5401	4,4305	-6,2438	-2,904
91	91	103	STERRA	-3,8736	-0,9632	5,1358	-3,9765	-6,102
91	91	104	STERRA	-3,4469	-0,942	2,9307	-3,5861	-8,402
91	91	91	SACC	-5,8443	-1,7702	4,9153	-6,1355	-9,343
91	91	90	SACC	-6,5431	-1,9878	7,1351	-6,832	-8,269
91	91	103	SACC	-4,4306	-2,4152	7,4264	-4,9226	-11,513
91	91	104	SACC	-4,0545	-2,1977	4,8164	-4,5989	-13,914
92	92	92	DEAD	0	0	0	0	0
92	92	91	DEAD	0	0	0	0	0
92	92	104	DEAD	0	0	0	0	0
92	92	105	DEAD	0	0	0	0	0
92	92	92	STERRA	-2,886	0,286	3,1094	-2,8997	2,731
92	92	91	STERRA	-5,3466	-0,1855	2,9769	-5,3508	-1,277
92	92	104	STERRA	-3,4541	-0,8729	2,8762	-3,5744	-7,851
92	92	105	STERRA	-2,8547	-0,4014	1,4717	-2,8919	-5,301

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
92	92	92	SACC	-3,2605	-0,4238	5,129	-3,2819	-2,892
92	92	91	SACC	-5,7674	-1,2015	5,1408	-5,8997	-6,286
92	92	104	SACC	-4,0621	-1,9274	4,6596	-4,4881	-12,461
92	92	105	SACC	-3,4198	-1,1497	2,6753	-3,6367	-10,682
93	93	94	DEAD	0	0	0	0	0
93	93	93	DEAD	0	0	0	0	0
93	93	107	DEAD	0	0	0	0	0
93	93	108	DEAD	0	0	0	0	0
93	93	94	STERRA	0,0183	6,8174	9,6783	-4,793	35,212
93	93	93	STERRA	1,5465	2,4212	8,5674	0,7116	19,027
93	93	107	STERRA	-1,4003	2,9733	-0,1163	-8,2856	66,643
93	93	108	STERRA	-2,2022	7,3696	5,0033	-9,7396	45,645
93	93	94	SACC	-0,3202	5,7277	7,3495	-4,5976	36,752
93	93	93	SACC	1,2009	2,0112	6,7355	0,47	19,971
93	93	107	SACC	-1,2727	2,5258	-0,2322	-7,404	67,611
93	93	108	SACC	-2,1886	6,2422	3,5376	-8,9933	47,469
94	94	95	DEAD	0	0	0	0	0
94	94	94	DEAD	0	0	0	0	0
94	94	108	DEAD	0	0	0	0	0
94	94	109	DEAD	0	0	0	0	0
94	94	95	STERRA	-1,5569	11,8442	14,0139	-10,5665	37,259
94	94	94	STERRA	0,0336	9,8236	12,6142	-7,6372	37,984
94	94	108	STERRA	-2,1904	10,3721	8,0402	-12,7059	45,393
94	94	109	STERRA	-2,2993	12,3927	12,5049	-12,6734	39,933
94	94	95	SACC	-1,8739	10,0558	11,1823	-9,6188	37,603
94	94	94	SACC	-0,3064	8,2797	9,8746	-7,0399	39,12
94	94	108	SACC	-2,1775	8,8388	6,1594	-11,5484	46,674
94	94	109	SACC	-2,4363	10,6149	9,9067	-11,5651	40,695
95	95	96	DEAD	0	0	0	0	0
95	95	95	DEAD	0	0	0	0	0
95	95	109	DEAD	0	0	0	0	0
95	95	110	DEAD	0	0	0	0	0
95	95	96	STERRA	-2,5191	14,0743	16,3919	-12,9937	36,658
95	95	95	STERRA	-1,5529	13,2297	15,3681	-11,8965	38,02
95	95	109	STERRA	-2,3157	13,5035	13,5453	-13,8122	40,41
95	95	110	STERRA	-1,9346	14,3482	16,1727	-13,304	38,393
95	95	96	SACC	-2,8573	12,1499	13,837	-11,6998	36,047
95	95	95	SACC	-1,8702	11,3154	12,4173	-10,8317	38,378
95	95	109	SACC	-2,45	11,6636	10,9001	-12,6401	41,143
95	95	110	SACC	-2,2192	12,4981	13,6127	-12,0854	38,288
96	96	97	DEAD	0	0	0	0	0
96	96	96	DEAD	0	0	0	0	0
96	96	110	DEAD	0	0	0	0	0
96	96	111	DEAD	0	0	0	0	0
96	96	97	STERRA	-3,0851	14,9444	18,1758	-13,5896	35,104
96	96	96	STERRA	-2,5218	14,6398	16,9247	-13,543	36,973
96	96	110	STERRA	-1,9376	14,85	16,6512	-13,8009	38,62
96	96	111	STERRA	-1,4333	15,1547	19,0075	-12,6688	36,553
96	96	97	SACC	-3,4549	13,1538	16,4225	-12,1594	33,494
96	96	96	SACC	-2,8597	12,7587	14,4092	-12,2861	36,458
96	96	110	SACC	-2,2215	13,0633	14,1552	-12,6418	38,579
96	96	111	SACC	-1,782	13,4584	17,1162	-11,3665	35,457
97	97	98	DEAD	0	0	0	0	0
97	97	97	DEAD	0	0	0	0	0
97	97	111	DEAD	0	0	0	0	0
97	97	112	DEAD	0	0	0	0	0
97	97	98	STERRA	-3,6195	14,9408	20,3381	-12,9372	31,949
97	97	97	STERRA	-3,0902	15,0335	18,241	-13,6852	35,175
97	97	111	STERRA	-1,4309	15,254	19,1111	-12,7581	36,597
97	97	112	STERRA	-0,3805	15,1613	22,3981	-10,4718	33,648
97	97	98	SACC	-4,0291	13,3928	19,7908	-11,5593	29,347
97	97	97	SACC	-3,4604	13,3589	16,5909	-12,3606	33,673
97	97	111	SACC	-1,7788	13,6742	17,332	-11,563	35,585
97	97	112	SACC	-0,6693	13,7081	21,6633	-9,0836	31,542
98	98	99	DEAD	0	0	0	0	0
98	98	98	DEAD	0	0	0	0	0
98	98	112	DEAD	0	0	0	0	0
98	98	113	DEAD	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
98	98	99	STERRA	-5,2163	13,6823	22,659	-11,9321	26,144
98	98	98	STERRA	-3,6166	14,5103	19,9638	-12,5456	31,606
98	98	112	STERRA	-0,4176	14,9837	22,0939	-10,3908	33,648
98	98	113	STERRA	1,636	14,1556	28,3446	-5,8665	27,924
98	98	99	SACC	-5,8165	12,3228	23,6341	-10,9726	22,706
98	98	98	SACC	-4,0258	13,0772	19,5354	-11,284	29,032
98	98	112	SACC	-0,7112	13,6681	21,4641	-9,1358	31,648
98	98	113	SACC	1,5707	12,9137	29,4571	-4,4095	24,848
99	99	100	DEAD	0	0	0	0	0
99	99	99	DEAD	0	0	0	0	0
99	99	113	DEAD	0	0	0	0	0
99	99	114	DEAD	0	0	0	0	0
99	99	100	STERRA	-5,9182	8,5091	20,9521	-8,6128	17,571
99	99	99	STERRA	-5,1936	11,7028	21,238	-10,3751	23,882
99	99	113	STERRA	1,6771	12,8095	27,4215	-4,6965	26,453
99	99	114	STERRA	-0,4679	9,6158	33,7616	-3,1692	15,691
99	99	100	SACC	-6,6062	6,868	23,1563	-8,1911	12,994
99	99	99	SACC	-5,7908	10,283	22,3621	-9,5467	20,065
99	99	113	SACC	1,6174	11,5793	28,6672	-3,3394	23,174
99	99	114	SACC	-0,8395	8,1643	37,2442	-2,5897	12,1
100	100	101	DEAD	0	0	0	0	0
100	100	100	DEAD	0	0	0	0	0
100	100	114	DEAD	0	0	0	0	0
100	100	115	DEAD	0	0	0	0	0
100	100	101	STERRA	-5,4675	2,1041	15,3278	-5,6804	5,777
100	100	100	STERRA	-5,9182	5,2993	19,3683	-7,0288	11,836
100	100	114	STERRA	-0,4679	4,1887	31,6076	-1,0149	7,44
100	100	115	STERRA	1,6023	0,9934	20,2065	1,5493	3,057
100	100	101	SACC	-6,1149	0,0351	18,2953	-6,115	0,082
100	100	100	SACC	-6,6062	3,4451	21,9864	-7,0213	6,87
100	100	114	SACC	-0,8394	2,2181	35,6291	-0,9743	3,481
100	100	115	SACC	1,4878	-1,1919	23,479	1,4232	-3,102
101	101	102	DEAD	0	0	0	0	0
101	101	101	DEAD	0	0	0	0	0
101	101	115	DEAD	0	0	0	0	0
101	101	116	DEAD	0	0	0	0	0
101	101	102	STERRA	-4,1407	-0,7195	9,2422	-4,1794	-3,077
101	101	101	STERRA	-5,4901	0,123	15,0024	-5,4909	0,344
101	101	115	STERRA	1,5613	-0,3606	19,9552	1,5542	-1,123
101	101	116	STERRA	-0,5295	-1,203	10,5639	-0,66	-6,189
101	101	102	SACC	-4,6598	-2,7386	12,151	-5,1059	-9,253
101	101	101	SACC	-6,1407	-1,9944	18,3289	-6,3033	-4,659
101	101	115	SACC	1,4413	-2,5187	23,4696	1,1533	-6,523
101	101	116	SACC	-0,9472	-3,263	13,2699	-1,6961	-12,926
102	102	103	DEAD	0	0	0	0	0
102	102	102	DEAD	0	0	0	0	0
102	102	116	DEAD	0	0	0	0	0
102	102	117	DEAD	0	0	0	0	0
102	102	103	STERRA	-3,8704	-1,3385	5,2129	-4,0676	-8,383
102	102	102	STERRA	-4,1431	-1,1775	9,2944	-4,2463	-5,008
102	102	116	STERRA	-0,4927	-1,4138	10,7945	-0,6698	-7,14
102	102	117	STERRA	-1,4756	-1,5748	5,9071	-1,8115	-12,041
102	102	103	SACC	-4,4305	-3,0215	7,6729	-5,1848	-14,017
102	102	102	SACC	-4,6622	-3,0457	12,2414	-5,211	-10,214
102	102	116	SACC	-0,9056	-3,2955	13,4837	-1,6604	-12,9
102	102	117	SACC	-2,0393	-3,2714	8,056	-3,0994	-17,955
103	103	104	DEAD	0	0	0	0	0
103	103	103	DEAD	0	0	0	0	0
103	103	117	DEAD	0	0	0	0	0
103	103	118	DEAD	0	0	0	0	0
103	103	104	STERRA	-3,4076	-1,259	3,0451	-3,6532	-11,041
103	103	103	STERRA	-3,8667	-1,3626	5,2382	-4,0706	-8,511
103	103	117	STERRA	-1,4778	-1,6045	5,9085	-1,8263	-12,255
103	103	118	STERRA	-1,8206	-1,5009	3,0355	-2,2845	-17,175
103	103	104	SACC	-3,9905	-2,5213	4,9924	-4,6981	-15,678
103	103	103	SACC	-4,4272	-2,8426	7,6066	-5,0987	-13,291
103	103	117	SACC	-2,0414	-3,1051	7,9501	-3,0064	-17,264
103	103	118	SACC	-2,4493	-2,7839	4,5806	-3,5518	-21,604

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
104	104	105	DEAD	0	0	0	0	0
104	104	104	DEAD	0	0	0	0	0
104	104	118	DEAD	0	0	0	0	0
104	104	119	DEAD	0	0	0	0	0
104	104	105	STERRA	-3,1733	-0,8712	1,5321	-3,3346	-10,489
104	104	104	STERRA	-3,4147	-1,0825	2,9478	-3,5989	-9,656
104	104	118	STERRA	-1,8199	-1,28	2,9206	-2,1655	-15,11
104	104	119	STERRA	-1,6744	-1,0686	1,5211	-2,0318	-18,491
104	104	105	SACC	-3,8517	-1,6967	2,8046	-4,2841	-14,3
104	104	104	SACC	-3,9981	-2,1164	4,758	-4,5096	-13,588
104	104	118	SACC	-2,4494	-2,3327	4,2858	-3,2573	-19,103
104	104	119	SACC	-2,2777	-1,913	2,5143	-3,0414	-21,762
105	105	106	DEAD	0	0	0	0	0
105	105	105	DEAD	0	0	0	0	0
105	105	119	DEAD	0	0	0	0	0
105	105	120	DEAD	0	0	0	0	0
105	105	106	STERRA	-1,2672	0,0707	1,8049	-1,2689	1,318
105	105	105	STERRA	-3,1023	-0,4274	1,763	-3,1399	-5,02
105	105	119	STERRA	-1,6853	-0,8852	1,3659	-1,9422	-16,178
105	105	120	STERRA	-1,4751	-0,3871	0,3525	-1,5571	-11,96
105	105	106	SACC	-1,5864	-0,1974	2,941	-1,5951	-2,497
105	105	105	SACC	-3,7566	-0,9926	2,9934	-3,9026	-8,365
105	105	119	SACC	-2,2913	-1,5471	2,214	-2,8226	-18,952
105	105	120	SACC	-2,022	-0,752	0,6945	-2,2301	-15,473
106	106	108	DEAD	0	0	0	0	0
106	106	107	DEAD	0	0	0	0	0
106	106	122	DEAD	0	0	0	0	0
106	106	123	DEAD	0	0	0	0	0
106	106	108	STERRA	-2,1569	8,2759	5,9369	-10,619	45,637
106	106	107	STERRA	-1,4003	3,2173	0,0646	-8,4665	65,52
106	106	122	STERRA	-4,139	3,7517	-3,3285	-21,5054	77,81
106	106	123	STERRA	-3,3392	8,8103	4,0729	-13,8115	49,926
106	106	108	SACC	-2,1464	7,0693	4,3886	-9,7937	47,249
106	106	107	SACC	-1,2727	2,7392	-0,0788	-7,5574	66,45
106	106	122	SACC	-3,6066	3,2062	-2,9261	-18,7134	78,018
106	106	123	SACC	-3,0698	7,5363	2,9026	-12,5796	51,604
107	107	109	DEAD	0	0	0	0	0
107	107	108	DEAD	0	0	0	0	0
107	107	123	DEAD	0	0	0	0	0
107	107	124	DEAD	0	0	0	0	0
107	107	109	STERRA	-2,3396	12,5147	12,6037	-12,8205	39,946
107	107	108	STERRA	-2,1452	10,9732	8,6686	-13,2801	45,419
107	107	123	STERRA	-3,2538	11,0949	6,5649	-15,7909	48,492
107	107	124	STERRA	-1,7087	12,6365	12,0361	-13,3262	42,594
107	107	109	SACC	-2,4704	10,7969	10,0682	-11,7675	40,731
107	107	108	SACC	-2,1353	9,4011	6,747	-12,0855	46,625
107	107	123	SACC	-3,0003	9,5435	5,0517	-14,3117	49,845
107	107	124	SACC	-1,7748	10,9393	9,6434	-12,2553	43,773
108	108	110	DEAD	0	0	0	0	0
108	108	109	DEAD	0	0	0	0	0
108	108	124	DEAD	0	0	0	0	0
108	108	125	DEAD	0	0	0	0	0
108	108	110	STERRA	-1,9317	14,3954	16,2202	-13,3481	38,416
108	108	109	STERRA	-2,356	13,6364	13,6548	-13,9701	40,421
108	108	124	STERRA	-1,6913	13,6874	13,1388	-14,3241	42,705
108	108	125	STERRA	-1,1986	14,4465	16,138	-13,2367	39,804
108	108	110	SACC	-2,2166	12,6285	13,7409	-12,2106	38,357
108	108	109	SACC	-2,484	11,8535	11,0697	-12,8506	41,172
108	108	124	SACC	-1,7599	11,9558	10,7048	-13,2275	43,806
108	108	125	SACC	-1,3859	12,7308	13,6975	-12,131	40,165
109	109	111	DEAD	0	0	0	0	0
109	109	110	DEAD	0	0	0	0	0
109	109	125	DEAD	0	0	0	0	0
109	109	126	DEAD	0	0	0	0	0
109	109	111	STERRA	-1,4268	15,2099	19,0635	-12,7171	36,586
109	109	110	STERRA	-1,9348	14,9156	16,7166	-13,8629	38,649
109	109	125	STERRA	-1,1905	14,9396	16,6503	-13,7006	39,942
109	109	126	STERRA	-0,5416	15,2338	19,4055	-12,1758	37,369

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
109	109	111	SACC	-1,7742	13,5938	17,2479	-11,4888	35,551
109	109	110	SACC	-2,2189	13,2072	14,2968	-12,7804	38,648
109	109	125	SACC	-1,3785	13,2926	14,2763	-12,6654	40,335
109	109	126	SACC	-0,7823	13,6792	17,563	-10,9823	36,71
110	110	112	DEAD	0	0	0	0	0
110	110	111	DEAD	0	0	0	0	0
110	110	126	DEAD	0	0	0	0	0
110	110	127	DEAD	0	0	0	0	0
110	110	112	STERRA	-0,394	15,1154	22,3496	-10,4397	33,608
110	110	111	STERRA	-1,4245	15,3072	19,1651	-12,8044	36,629
110	110	126	STERRA	-0,5331	15,3029	19,502	-12,2215	37,373
110	110	127	STERRA	0,4595	15,1111	23,271	-9,5506	33,522
110	110	112	SACC	-0,6852	13,7175	21,665	-9,1044	31,54
110	110	111	SACC	-1,7709	13,805	17,4596	-11,6812	35,673
110	110	126	SACC	-0,7737	13,8538	17,7607	-11,1289	36,777
110	110	127	SACC	0,2744	13,7662	22,5709	-8,2251	31,692
111	111	113	DEAD	0	0	0	0	0
111	111	112	DEAD	0	0	0	0	0
111	111	127	DEAD	0	0	0	0	0
111	111	128	DEAD	0	0	0	0	0
111	111	113	STERRA	1,9121	14,2903	28,5605	-5,7511	28,202
111	111	112	STERRA	-0,4312	14,7085	21,8344	-10,1476	33,448
111	111	127	STERRA	0,5637	14,41	23,0261	-8,6806	32,681
111	111	128	STERRA	3,5217	13,9917	28,8664	-4,2025	28,901
111	111	113	SACC	1,8832	13,1128	29,717	-4,2944	25,226
111	111	112	SACC	-0,7272	13,4159	21,2325	-8,9233	31,422
111	111	127	SACC	0,3919	13,121	22,4599	-7,4095	30,734
111	111	128	SACC	3,7002	12,8179	29,8039	-2,5939	26,153
112	112	114	DEAD	0	0	0	0	0
112	112	113	DEAD	0	0	0	0	0
112	112	128	DEAD	0	0	0	0	0
112	112	129	DEAD	0	0	0	0	0
112	112	114	STERRA	-1,0348	10,4971	34,0846	-4,1724	16,641
112	112	113	STERRA	1,9532	14,1016	28,5732	-5,5169	27,912
112	112	128	STERRA	3,4062	13,2035	27,7316	-3,7605	28,492
112	112	129	STERRA	20,0781	9,599	50,9424	17,0927	17,276
112	112	114	SACC	-1,4821	9,1957	37,5328	-3,6495	13,262
112	112	113	SACC	1,9299	13,0886	29,8982	-4,1953	25,079
112	112	128	SACC	3,569	12,1025	28,6854	-2,2627	25,727
112	112	129	SACC	22,4391	8,2096	56,3031	20,4489	13,627
113	113	115	DEAD	0	0	0	0	0
113	113	114	DEAD	0	0	0	0	0
113	113	129	DEAD	0	0	0	0	0
113	113	130	DEAD	0	0	0	0	0
113	113	115	STERRA	1,8778	-0,3314	20,2146	1,8718	-1,036
113	113	114	STERRA	-1,0348	3,2772	31,2796	-1,3672	5,791
113	113	129	STERRA	20,0782	4,1365	48,5584	19,4774	8,264
113	113	130	STERRA	3,3989	0,5278	19,7148	3,3818	1,853
113	113	115	SACC	1,7999	-2,6724	23,8014	1,4753	-6,925
113	113	114	SACC	-1,4821	1,2168	35,4058	-1,5222	1,889
113	113	129	SACC	22,4391	2,211	54,4651	22,2864	3,949
113	113	130	SACC	3,5251	-1,6782	22,7095	3,3783	-4,999
114	114	116	DEAD	0	0	0	0	0
114	114	115	DEAD	0	0	0	0	0
114	114	130	DEAD	0	0	0	0	0
114	114	131	DEAD	0	0	0	0	0
114	114	116	STERRA	-0,5423	-0,9697	10,5159	-0,6274	-5,011
114	114	115	STERRA	1,8367	-0,5285	20,0186	1,8214	-1,665
114	114	130	STERRA	3,5148	-0,2728	20,2816	3,5104	-0,932
114	114	131	STERRA	0,5848	-0,714	12,2256	0,541	-3,51
114	114	116	SACC	-0,9618	-2,9868	13,1503	-1,5939	-11,95
114	114	115	SACC	1,7533	-2,6889	23,5753	1,422	-7,025
114	114	130	SACC	3,6563	-2,3883	23,5062	3,369	-6,861
114	114	131	SACC	0,3293	-2,6862	14,6734	-0,1738	-10,607
115	115	117	DEAD	0	0	0	0	0
115	115	116	DEAD	0	0	0	0	0
115	115	131	DEAD	0	0	0	0	0
115	115	132	DEAD	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
115	115	117	STERRA	-1,472	-1,6828	5,9533	-1,8534	-12,77
115	115	116	STERRA	-0,5055	-1,4153	10,7922	-0,6828	-7,14
115	115	131	STERRA	0,4818	-1,461	11,8542	0,2941	-7,321
115	115	132	STERRA	-0,4125	-1,7286	6,2649	-0,86	-14,514
115	115	117	SACC	-2,035	-3,3898	8,1275	-3,1657	-18,447
115	115	116	SACC	-0,9202	-3,2863	13,4762	-1,6704	-12,859
115	115	131	SACC	0,2124	-3,3354	14,3719	-0,5732	-13,255
115	115	132	SACC	-0,8047	-3,4389	8,2575	-2,1097	-20,781
116	116	118	DEAD	0	0	0	0	0
116	116	117	DEAD	0	0	0	0	0
116	116	132	DEAD	0	0	0	0	0
116	116	133	DEAD	0	0	0	0	0
116	116	118	STERRA	-1,8131	-1,6265	3,1105	-2,3504	-18,281
116	116	117	STERRA	-1,4742	-1,7065	5,9528	-1,8663	-12,94
116	116	132	STERRA	-0,4189	-1,7864	6,263	-0,8965	-14,968
116	116	133	STERRA	-0,7794	-1,7065	3,2277	-1,5062	-23,067
116	116	118	SACC	-2,4425	-2,931	4,6849	-3,6478	-22,354
116	116	117	SACC	-2,0372	-3,2154	8,0145	-3,0657	-17,739
116	116	132	SACC	-0,812	-3,3097	8,1396	-2,0358	-20,291
116	116	133	SACC	-1,2167	-3,0253	4,655	-2,7754	-27,259
117	117	119	DEAD	0	0	0	0	0
117	117	118	DEAD	0	0	0	0	0
117	117	133	DEAD	0	0	0	0	0
117	117	134	DEAD	0	0	0	0	0
117	117	119	STERRA	-1,6813	-1,1946	1,5976	-2,1166	-20,019
117	117	118	STERRA	-1,8124	-1,4491	3,0118	-2,2477	-16,719
117	117	133	STERRA	-0,782	-1,542	3,1005	-1,3945	-21,661
117	117	134	STERRA	-0,8941	-1,2876	1,4711	-1,595	-28,563
117	117	119	SACC	-2,2784	-2,0602	2,6174	-3,1454	-22,822
117	117	118	SACC	-2,4426	-2,538	4,4181	-3,3815	-20,301
117	117	133	SACC	-1,219	-2,6546	4,3499	-2,4844	-25,486
117	117	134	SACC	-1,3377	-2,1768	2,2966	-2,6415	-30,92
118	118	120	DEAD	0	0	0	0	0
118	118	119	DEAD	0	0	0	0	0
118	118	134	DEAD	0	0	0	0	0
118	118	135	DEAD	0	0	0	0	0
118	118	120	STERRA	-1,5926	-0,6927	0,4787	-1,8243	-18,492
118	118	119	STERRA	-1,6922	-0,9132	1,3793	-1,9638	-16,558
118	118	134	STERRA	-0,8968	-0,9847	1,2154	-1,3559	-24,993
118	118	135	STERRA	-0,7863	-0,7642	0,6065	-1,2056	-28,753
118	118	120	SACC	-2,2033	-1,1644	0,8886	-2,6419	-20,636
118	118	119	SACC	-2,292	-1,556	2,2193	-2,8287	-19,03
118	118	134	SACC	-1,342	-1,6488	1,8288	-2,1994	-27,475
118	118	135	SACC	-1,1755	-1,2572	0,9881	-1,906	-30,16
119	119	121	DEAD	0	0	0	0	0
119	119	120	DEAD	0	0	0	0	0
119	119	135	DEAD	0	0	0	0	0
119	119	136	DEAD	0	0	0	0	0
119	119	121	STERRA	-0,521	0,0304	0,7199	-0,5217	1,402
119	119	120	STERRA	-1,524	-0,3895	0,6595	-1,5935	-10,116
119	119	135	STERRA	-0,7873	-0,542	0,4246	-1,0296	-24,095
119	119	136	STERRA	-0,7765	-0,122	-0,1463	-0,8001	-10,961
119	119	121	SACC	-0,7399	-0,0127	1,1381	-0,74	-0,389
119	119	120	SACC	-2,1037	-0,6754	1,0908	-2,2465	-11,937
119	119	135	SACC	-1,175	-0,8837	0,6807	-1,5958	-25,464
119	119	136	SACC	-1,1603	-0,2211	-0,2187	-1,2122	-13,213
120	120	123	DEAD	0	0	0	0	0
120	120	122	DEAD	0	0	0	0	0
120	120	137	DEAD	0	0	0	0	0
120	120	138	DEAD	0	0	0	0	0
120	120	123	STERRA	-3,4468	9,3596	4,5431	-14,4108	49,514
120	120	122	STERRA	-4,139	4,1299	-3,166	-21,6679	76,743
120	120	137	STERRA	-7,4218	3,9459	-6,9062	-37,6243	82,557
120	120	138	STERRA	2,0578	9,1756	7,7855	-12,6413	58,027
120	120	123	SACC	-3,1637	8,0022	3,2925	-13,0821	51,103
120	120	122	SACC	-3,6066	3,5193	-2,7939	-18,8456	76,996
120	120	137	SACC	-6,3789	3,3229	-5,9533	-32,3203	82,701
120	120	138	SACC	1,7605	7,8059	6,2786	-11,7254	59,937

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
121	121	124	DEAD	0	0	0	0	0
121	121	123	DEAD	0	0	0	0	0
121	121	138	DEAD	0	0	0	0	0
121	121	139	DEAD	0	0	0	0	0
121	121	124	STERRA	-1,6484	12,6248	12,0587	-13,2764	42,646
121	121	123	STERRA	-3,3614	11,1718	6,5715	-15,9266	48,36
121	121	138	STERRA	1,7419	11,646	9,3452	-16,0964	56,861
121	121	139	STERRA	-0,4053	13,0991	12,5861	-13,613	45,237
121	121	124	SACC	-1,7232	10,9716	9,7058	-12,2557	43,83
121	121	123	SACC	-3,0942	9,6167	5,0613	-14,434	49,7
121	121	138	SACC	1,4994	10,0336	7,7066	-14,7195	58,258
121	121	139	SACC	-0,3528	11,3885	10,2906	-12,5385	46,937
122	122	125	DEAD	0	0	0	0	0
122	122	124	DEAD	0	0	0	0	0
122	122	139	DEAD	0	0	0	0	0
122	122	140	DEAD	0	0	0	0	0
122	122	125	STERRA	-1,2239	14,5041	16,1813	-13,3104	39,805
122	122	124	STERRA	-1,6309	13,7792	13,2647	-14,3774	42,771
122	122	139	STERRA	-0,4667	13,8686	13,1728	-14,5682	45,477
122	122	140	STERRA	0,135	14,5934	16,5865	-12,8102	41,575
122	122	125	SACC	-1,4093	12,84	13,7927	-12,2542	40,185
122	122	124	SACC	-1,7083	12,0759	10,855	-13,3157	43,867
122	122	139	SACC	-0,403	12,1949	10,9516	-13,5005	47,044
122	122	140	SACC	0,115	12,959	14,2517	-11,7644	42,511
123	123	126	DEAD	0	0	0	0	0
123	123	125	DEAD	0	0	0	0	0
123	123	140	DEAD	0	0	0	0	0
123	123	141	DEAD	0	0	0	0	0
123	123	126	STERRA	-0,5308	15,2765	19,452	-12,2094	37,397
123	123	125	STERRA	-1,2158	14,9776	16,6744	-13,7551	39,936
123	123	140	STERRA	0,1002	15,1269	17,0039	-13,4368	41,825
123	123	141	STERRA	-0,0244	15,4258	19,811	-12,0209	37,872
123	123	126	SACC	-0,7728	13,7817	17,6658	-11,0737	36,776
123	123	125	SACC	-1,4019	13,385	14,3549	-12,7721	40,347
123	123	140	SACC	0,0847	13,5812	14,776	-12,4703	42,752
123	123	141	SACC	-0,0232	13,9779	18,0627	-10,8262	37,699
124	124	127	DEAD	0	0	0	0	0
124	124	126	DEAD	0	0	0	0	0
124	124	141	DEAD	0	0	0	0	0
124	124	142	DEAD	0	0	0	0	0
124	124	127	STERRA	0,4184	15,1746	23,3112	-9,6401	33,539
124	124	126	STERRA	-0,5223	15,3474	19,5503	-12,2569	37,401
124	124	141	STERRA	-0,0628	15,5356	19,7837	-12,2238	38,053
124	124	142	STERRA	0,0608	15,3627	23,9282	-9,8277	32,768
124	124	127	SACC	0,2282	13,8842	22,657	-8,3666	31,759
124	124	126	SACC	-0,7643	13,9557	17,8631	-11,2199	36,841
124	124	141	SACC	-0,0614	14,2073	18,1517	-11,1439	37,956
124	124	142	SACC	0,0654	14,1357	23,3335	-8,5223	31,279
125	125	128	DEAD	0	0	0	0	0
125	125	127	DEAD	0	0	0	0	0
125	125	142	DEAD	0	0	0	0	0
125	125	143	DEAD	0	0	0	0	0
125	125	128	STERRA	3,5947	12,9599	28,0304	-3,2788	27,94
125	125	127	STERRA	0,5226	14,7927	23,3568	-9,0606	32,936
125	125	142	STERRA	-0,1113	14,919	22,8658	-9,7983	32,996
125	125	143	STERRA	0,1851	13,0862	32,3483	-5,1392	22,14
125	125	128	SACC	3,7825	11,6847	28,951	-1,6422	24,904
125	125	127	SACC	0,3456	13,6007	22,8639	-7,869	31,131
125	125	142	SACC	-0,1268	13,7782	22,2637	-8,6053	31,606
125	125	143	SACC	0,2098	11,8622	34,0911	-3,9433	19,296
126	126	129	DEAD	0	0	0	0	0
126	126	128	DEAD	0	0	0	0	0
126	126	143	DEAD	0	0	0	0	0
126	126	144	DEAD	0	0	0	0	0
126	126	129	STERRA	20,0197	7,8005	49,9765	17,9885	14,595
126	126	128	STERRA	3,4792	10,0849	25,251	-1,1922	24,854
126	126	143	STERRA	0,2102	9,054	29,9094	-2,55	16,954
126	126	144	STERRA	-0,2794	6,7696	45,2478	-1,286	8,457

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
126	126	129	SACC	22,3729	6,1961	55,4599	21,2126	10,607
126	126	128	SACC	3,6513	8,6041	26,1593	0,3622	20,92
126	126	143	SACC	0,2398	7,4627	31,8499	-1,522	13,283
126	126	144	SACC	-0,3167	5,0546	50,3551	-0,8209	5,697
127	127	130	DEAD	0	0	0	0	0
127	127	129	DEAD	0	0	0	0	0
127	127	144	DEAD	0	0	0	0	0
127	127	145	DEAD	0	0	0	0	0
127	127	130	STERRA	3,4709	3,5996	20,4742	2,7089	11,953
127	127	129	STERRA	20,0198	5,8891	49,1371	18,8288	11,434
127	127	144	STERRA	-0,2798	6,8716	45,2756	-1,3163	8,578
127	127	145	STERRA	0,2124	4,5821	27,0846	-0,569	9,677
127	127	130	SACC	3,6067	1,817	22,7515	3,4342	5,421
127	127	129	SACC	22,3728	4,2216	54,848	21,8241	7,407
127	127	144	SACC	-0,3164	5,3524	50,417	-0,8811	6,022
127	127	145	SACC	0,241	2,9478	30,0841	-0,0502	5,641
128	128	131	DEAD	0	0	0	0	0
128	128	130	DEAD	0	0	0	0	0
128	128	145	DEAD	0	0	0	0	0
128	128	146	DEAD	0	0	0	0	0
128	128	131	STERRA	0,545	-1,1461	12,2857	0,4331	-5,575
128	128	130	STERRA	3,5868	0,7117	20,3219	3,5565	2,435
128	128	145	STERRA	0,1856	0,5413	26,181	0,1744	1,193
128	128	146	STERRA	-0,1177	-1,3164	11,7921	-0,2632	-6,308
128	128	131	SACC	0,2841	-3,1711	14,8516	-0,4062	-12,281
128	128	130	SACC	3,7379	-1,2588	23,3161	3,657	-3,679
128	128	145	SACC	0,211	-1,4436	29,7136	0,1404	-2,801
128	128	146	SACC	-0,133	-3,3559	14,1007	-0,9242	-13,267
129	129	132	DEAD	0	0	0	0	0
129	129	131	DEAD	0	0	0	0	0
129	129	146	DEAD	0	0	0	0	0
129	129	147	DEAD	0	0	0	0	0
129	129	132	STERRA	-0,4102	-1,8215	6,3114	-0,9038	-15,162
129	129	131	STERRA	0,442	-1,5722	11,8747	0,2258	-7,83
129	129	146	STERRA	0,0501	-1,7981	12,7408	-0,2046	-8,064
129	129	147	STERRA	-0,0313	-2,0474	6,4606	-0,677	-17,504
129	129	132	SACC	-0,8019	-3,5468	8,3306	-2,1794	-21,225
129	129	131	SACC	0,1672	-3,4567	14,4158	-0,6714	-13,637
129	129	146	SACC	0,0572	-3,7124	15,1724	-0,8545	-13,799
129	129	147	SACC	-0,0351	-3,8025	8,4118	-1,7468	-24,236
130	130	133	DEAD	0	0	0	0	0
130	130	132	DEAD	0	0	0	0	0
130	130	147	DEAD	0	0	0	0	0
130	130	148	DEAD	0	0	0	0	0
130	130	133	STERRA	-0,7878	-1,7922	3,2875	-1,576	-23,739
130	130	132	STERRA	-0,4166	-1,8882	6,3154	-0,9462	-15,667
130	130	147	STERRA	-0,0031	-2,0353	6,5846	-0,6319	-17,169
130	130	148	STERRA	-0,0087	-1,9394	3,3646	-1,1237	-29,895
130	130	133	SACC	-1,227	-3,1314	4,738	-2,8708	-27,698
130	130	132	SACC	-0,8093	-3,4282	8,2182	-2,1111	-20,794
130	130	147	SACC	-0,0034	-3,6008	8,401	-1,5461	-23,192
130	130	148	SACC	-0,009	-3,3039	4,8286	-2,2655	-34,332
131	131	134	DEAD	0	0	0	0	0
131	131	133	DEAD	0	0	0	0	0
131	131	148	DEAD	0	0	0	0	0
131	131	149	DEAD	0	0	0	0	0
131	131	134	STERRA	-0,888	-1,3653	1,5393	-1,656	-29,356
131	131	133	STERRA	-0,7904	-1,616	3,1492	-1,4532	-22,302
131	131	148	STERRA	0,0038	-1,7033	3,2154	-0,8995	-27,939
131	131	149	STERRA	-0,0078	-1,4526	1,6911	-1,2499	-40,532
131	131	134	SACC	-1,3292	-2,2805	2,392	-2,7268	-31,501
131	131	133	SACC	-1,2293	-2,7442	4,4164	-2,5632	-25,923
131	131	148	SACC	0,0042	-2,8522	4,4629	-1,8203	-32,607
131	131	149	SACC	-0,0093	-2,3885	2,5984	-2,197	-42,488
132	132	135	DEAD	0	0	0	0	0
132	132	134	DEAD	0	0	0	0	0
132	132	149	DEAD	0	0	0	0	0
132	132	150	DEAD	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
132	132	135	STERRA	-0,8073	-0,774	0,6067	-1,231	-28,696
132	132	134	STERRA	-0,8908	-1,0968	1,3053	-1,4385	-26,538
132	132	149	STERRA	-0,0012	-1,1474	1,413	-0,9322	-39,056
132	132	150	STERRA	0,0015	-0,8247	0,7005	-0,9715	-49,715
132	132	135	SACC	-1,2051	-1,2667	0,9844	-1,9379	-30,05
132	132	134	SACC	-1,3335	-1,8045	1,9614	-2,3218	-28,708
132	132	149	SACC	-0,0018	-1,8719	2,1086	-1,6622	-41,573
132	132	150	SACC	0,004	-1,3341	1,1098	-1,6055	-50,345
133	133	136	DEAD	0	0	0	0	0
133	133	135	DEAD	0	0	0	0	0
133	133	150	DEAD	0	0	0	0	0
133	133	151	DEAD	0	0	0	0	0
133	133	136	STERRA	-0,741	-0,3017	-0,0341	-0,8698	-23,115
133	133	135	STERRA	-0,8083	-0,4574	0,3574	-0,9878	-21,422
133	133	150	STERRA	-0,0101	-0,4654	0,3219	-0,6624	-54,495
133	133	151	STERRA	0,0037	-0,3097	0,3876	-0,2462	-38,894
133	133	136	SACC	-1,1109	-0,4928	-0,035	-1,3366	-24,61
133	133	135	SACC	-1,2046	-0,745	0,5672	-1,5179	-22,806
133	133	150	SACC	-0,0169	-0,753	0,4977	-1,1187	-55,65
133	133	151	SACC	0,0071	-0,5008	0,6265	-0,3978	-38,955

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	DEAD	0	0	0	0
1	1	3	DEAD	0	0	0	0
1	1	2	DEAD	0	0	0	0
1	1	1	STERRA	-1,04	-0,25	1,07	-166,441
1	1	3	STERRA	-1,04	-0,25	1,07	-166,441
1	1	2	STERRA	-1,04	-0,25	1,07	-166,441
1	1	1	SACC	-0,41	-0,09769	0,42	-166,441
1	1	3	SACC	-0,41	-0,09769	0,42	-166,441
1	1	2	SACC	-0,41	-0,09769	0,42	-166,441
2	2	4	DEAD	0	0	0	0
2	2	6	DEAD	0	0	0	0
2	2	7	DEAD	0	0	0	0
2	2	4	STERRA	-6,62	-22,68	23,63	-106,258
2	2	6	STERRA	-6,62	-22,68	23,63	-106,258
2	2	7	STERRA	-6,62	-22,68	23,63	-106,258
2	2	4	SACC	-2,22	-15,93	16,08	-97,937
2	2	6	SACC	-2,22	-15,93	16,08	-97,937
2	2	7	SACC	-2,22	-15,93	16,08	-97,937
3	3	4	DEAD	0	0	0	0
3	3	3	DEAD	0	0	0	0
3	3	5	DEAD	0	0	0	0
3	3	6	DEAD	0	0	0	0
3	3	4	STERRA	-28,35	-28,37	40,11	-134,988
3	3	3	STERRA	-28,35	-18,19	33,69	-147,321
3	3	5	STERRA	-35,88	-18,19	40,23	-153,121
3	3	6	STERRA	-35,88	-28,37	45,74	-141,674
3	3	4	SACC	-14,19	-19,36	24,01	-126,243
3	3	3	SACC	-14,19	-12,59	18,97	-138,425
3	3	5	SACC	-17,89	-12,59	21,87	-144,854
3	3	6	SACC	-17,89	-19,36	26,36	-132,727
4	4	7	DEAD	0	0	0	0
4	4	10	DEAD	0	0	0	0
4	4	11	DEAD	0	0	0	0
4	4	7	STERRA	-7,68	0,97	7,74	172,77
4	4	10	STERRA	-7,68	0,97	7,74	172,77
4	4	11	STERRA	-7,68	0,97	7,74	172,77
4	4	7	SACC	-3,58	0,26	3,59	175,794
4	4	10	SACC	-3,58	0,26	3,59	175,794
4	4	11	SACC	-3,58	0,26	3,59	175,794
5	5	6	DEAD	0	0	0	0
5	5	5	DEAD	0	0	0	0
5	5	8	DEAD	0	0	0	0

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
5	5	9	DEAD	0	0	0	0
5	5	6	STERRA	-33,13	-8,96	34,32	-164,866
5	5	5	STERRA	-33,13	-14,69	36,24	-156,081
5	5	8	STERRA	-43,2	-14,69	45,64	-161,216
5	5	9	STERRA	-43,2	-8,96	44,12	-168,283
5	5	6	SACC	-15,97	-6,87	17,38	-156,731
5	5	5	SACC	-15,97	-10,69	19,21	-146,201
5	5	8	SACC	-22,76	-10,69	25,14	-154,84
5	5	9	SACC	-22,76	-6,87	23,77	-163,21
6	6	7	DEAD	0	0	0	0
6	6	6	DEAD	0	0	0	0
6	6	9	DEAD	0	0	0	0
6	6	10	DEAD	0	0	0	0
6	6	7	STERRA	-17,01	-9,85	19,65	-149,929
6	6	6	STERRA	-17,01	-5,85	17,98	-161,01
6	6	9	STERRA	-24,84	-5,85	25,52	-166,743
6	6	10	STERRA	-24,84	-9,85	26,72	-158,377
6	6	7	SACC	-10,3	-8,01	13,05	-142,148
6	6	6	SACC	-10,3	-5,29	11,58	-152,828
6	6	9	SACC	-12,99	-5,29	14,03	-157,848
6	6	10	SACC	-12,99	-8,01	15,26	-148,353
7	7	11	DEAD	0	0	0	0
7	7	15	DEAD	0	0	0	0
7	7	16	DEAD	0	0	0	0
7	7	11	STERRA	-8,91	3,44	9,55	158,903
7	7	15	STERRA	-8,91	3,44	9,55	158,903
7	7	16	STERRA	-8,91	3,44	9,55	158,903
7	7	11	SACC	-5,15	2,43	5,7	154,738
7	7	15	SACC	-5,15	2,43	5,7	154,738
7	7	16	SACC	-5,15	2,43	5,7	154,738
8	8	9	DEAD	0	0	0	0
8	8	8	DEAD	0	0	0	0
8	8	12	DEAD	0	0	0	0
8	8	13	DEAD	0	0	0	0
8	8	9	STERRA	-44,03	-9,72	45,09	-167,555
8	8	8	STERRA	-44,03	-11,58	45,53	-165,264
8	8	12	STERRA	-52,57	-11,58	53,83	-167,577
8	8	13	STERRA	-52,57	-9,72	53,46	-169,528
8	8	9	SACC	-23,39	-7,57	24,58	-162,06
8	8	8	SACC	-23,39	-9,05	25,07	-158,848
8	8	12	SACC	-29,6	-9,05	30,96	-163,005
8	8	13	SACC	-29,6	-7,57	30,56	-165,654
9	9	10	DEAD	0	0	0	0
9	9	9	DEAD	0	0	0	0
9	9	13	DEAD	0	0	0	0
9	9	14	DEAD	0	0	0	0
9	9	10	STERRA	-23,55	-1,29	23,59	-176,854
9	9	9	STERRA	-23,55	-5,96	24,3	-165,793
9	9	13	STERRA	-34,38	-5,96	34,89	-170,161
9	9	14	STERRA	-34,38	-1,29	34,4	-177,844
9	9	10	SACC	-12,01	-1,2	12,07	-174,295
9	9	9	SACC	-12,01	-4,88	12,96	-157,875
9	9	13	SACC	-20	-4,88	20,59	-166,285
9	9	14	SACC	-20	-1,2	20,04	-176,568
10	10	11	DEAD	0	0	0	0
10	10	10	DEAD	0	0	0	0
10	10	14	DEAD	0	0	0	0
10	10	15	DEAD	0	0	0	0
10	10	11	STERRA	-10,55	-0,72	10,58	-176,108
10	10	10	STERRA	-10,55	1,44	10,65	172,246
10	10	14	STERRA	-22,12	1,44	22,17	176,283
10	10	15	STERRA	-22,12	-0,72	22,13	-178,141
10	10	11	SACC	-7,02	-1,84	7,26	-165,286
10	10	10	SACC	-7,02	0,1	7,02	179,159
10	10	14	SACC	-13,16	0,1	13,16	179,551
10	10	15	SACC	-13,16	-1,84	13,28	-172,02
11	11	16	DEAD	0	0	0	0
11	11	21	DEAD	0	0	0	0

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
11	11	22	DEAD	0	0	0	0
11	11	16	STERRA	-8,45	3,97	9,33	154,86
11	11	21	STERRA	-8,45	3,97	9,33	154,86
11	11	22	STERRA	-8,45	3,97	9,33	154,86
11	11	16	SACC	-5,47	3,29	6,38	148,999
11	11	21	SACC	-5,47	3,29	6,38	148,999
11	11	22	SACC	-5,47	3,29	6,38	148,999
12	12	22	DEAD	0	0	0	0
12	12	28	DEAD	0	0	0	0
12	12	29	DEAD	0	0	0	0
12	12	22	STERRA	-6,73	3,16	7,43	154,86
12	12	28	STERRA	-6,73	3,16	7,43	154,86
12	12	29	STERRA	-6,73	3,16	7,43	154,86
12	12	22	SACC	-4,68	3,05	5,58	146,884
12	12	28	SACC	-4,68	3,05	5,58	146,884
12	12	29	SACC	-4,68	3,05	5,58	146,884
13	13	13	DEAD	0	0	0	0
13	13	12	DEAD	0	0	0	0
13	13	17	DEAD	0	0	0	0
13	13	18	DEAD	0	0	0	0
13	13	13	STERRA	-52,65	-6,24	53,02	-173,246
13	13	12	STERRA	-52,65	-7,5	53,18	-171,897
13	13	17	STERRA	-58,55	-7,5	59,03	-172,704
13	13	18	STERRA	-58,55	-6,24	58,88	-173,921
13	13	13	SACC	-29,72	-5,27	30,18	-169,943
13	13	12	SACC	-29,72	-6,57	30,43	-167,54
13	13	17	SACC	-35,05	-6,57	35,66	-169,389
13	13	18	SACC	-35,05	-5,27	35,45	-171,448
14	14	14	DEAD	0	0	0	0
14	14	13	DEAD	0	0	0	0
14	14	18	DEAD	0	0	0	0
14	14	19	DEAD	0	0	0	0
14	14	14	STERRA	-34,75	-3,17	34,89	-174,79
14	14	13	STERRA	-34,75	-3,89	34,97	-173,614
14	14	18	STERRA	-40,41	-3,89	40,6	-174,503
14	14	19	STERRA	-40,41	-3,17	40,54	-175,517
14	14	14	SACC	-20,43	-2,61	20,6	-172,729
14	14	13	SACC	-20,43	-3,36	20,71	-170,648
14	14	18	SACC	-24,51	-3,36	24,74	-172,182
14	14	19	SACC	-24,51	-2,61	24,65	-173,928
15	15	15	DEAD	0	0	0	0
15	15	14	DEAD	0	0	0	0
15	15	19	DEAD	0	0	0	0
15	15	20	DEAD	0	0	0	0
15	15	15	STERRA	-21,41	2,15	21,51	174,258
15	15	14	STERRA	-21,41	-0,66	21,42	-178,233
15	15	19	STERRA	-26,13	-0,66	26,14	-178,553
15	15	20	STERRA	-26,13	2,15	26,22	175,292
15	15	15	SACC	-12,43	1,87	12,57	171,428
15	15	14	SACC	-12,43	-0,72	12,45	-176,67
15	15	19	SACC	-16,3	-0,72	16,32	-177,46
15	15	20	SACC	-16,3	1,87	16,41	173,444
16	16	16	DEAD	0	0	0	0
16	16	15	DEAD	0	0	0	0
16	16	20	DEAD	0	0	0	0
16	16	21	DEAD	0	0	0	0
16	16	16	STERRA	-9,01	3,61	9,71	158,161
16	16	15	STERRA	-9,01	4,79	10,2	152,016
16	16	20	STERRA	-18,06	4,79	18,68	165,15
16	16	21	STERRA	-18,06	3,61	18,41	168,691
16	16	16	SACC	-6,75	1,54	6,92	167,112
16	16	15	SACC	-6,75	3,19	7,46	154,67
16	16	20	SACC	-11,72	3,19	12,15	164,763
16	16	21	SACC	-11,72	1,54	11,83	172,499
17	17	29	DEAD	0	0	0	0
17	17	36	DEAD	0	0	0	0
17	17	37	DEAD	0	0	0	0
17	17	29	STERRA	-4,31	1,46	4,55	161,35

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
17	17	36	STERRA	-4,31	1,46	4,55	161,35
17	17	37	STERRA	-4,31	1,46	4,55	161,35
17	17	29	SACC	-3,14	1,93	3,69	148,382
17	17	36	SACC	-3,14	1,93	3,69	148,382
17	17	37	SACC	-3,14	1,93	3,69	148,382
18	18	18	DEAD	0	0	0	0
18	18	17	DEAD	0	0	0	0
18	18	23	DEAD	0	0	0	0
18	18	24	DEAD	0	0	0	0
18	18	18	STERRA	-58,51	-3,04	58,59	-177,029
18	18	17	STERRA	-58,51	-3,33	58,61	-176,742
18	18	23	STERRA	-60,92	-3,33	61,01	-176,87
18	18	24	STERRA	-60,92	-3,04	60,99	-177,146
18	18	18	SACC	-35,1	-3,15	35,24	-174,869
18	18	17	SACC	-35,1	-3,83	35,31	-173,773
18	18	23	SACC	-38,42	-3,83	38,61	-174,308
18	18	24	SACC	-38,42	-3,15	38,55	-175,311
19	19	19	DEAD	0	0	0	0
19	19	18	DEAD	0	0	0	0
19	19	24	DEAD	0	0	0	0
19	19	25	DEAD	0	0	0	0
19	19	19	STERRA	-40,35	-1,36	40,37	-178,067
19	19	18	STERRA	-40,35	-1,88	40,39	-177,332
19	19	24	STERRA	-43,67	-1,88	43,71	-177,535
19	19	25	STERRA	-43,67	-1,36	43,69	-178,213
19	19	19	SACC	-24,58	-0,99	24,6	-177,698
19	19	18	SACC	-24,58	-1,89	24,65	-175,603
19	19	24	SACC	-27,69	-1,89	27,76	-176,096
19	19	25	SACC	-27,69	-0,99	27,71	-177,957
20	20	20	DEAD	0	0	0	0
20	20	19	DEAD	0	0	0	0
20	20	25	DEAD	0	0	0	0
20	20	26	DEAD	0	0	0	0
20	20	20	STERRA	-26,36	0,32	26,36	179,295
20	20	19	STERRA	-26,36	-0,05587	26,36	-179,879
20	20	25	STERRA	-30,12	-0,05587	30,12	-179,894
20	20	26	STERRA	-30,12	0,32	30,13	179,383
20	20	20	SACC	-16,66	0,51	16,67	178,233
20	20	19	SACC	-16,66	0,05714	16,66	179,804
20	20	25	SACC	-19,27	0,05714	19,27	179,83
20	20	26	SACC	-19,27	0,51	19,28	178,472
21	21	21	DEAD	0	0	0	0
21	21	20	DEAD	0	0	0	0
21	21	26	DEAD	0	0	0	0
21	21	27	DEAD	0	0	0	0
21	21	21	STERRA	-17,77	3,22	18,05	169,74
21	21	20	STERRA	-17,77	1,45	17,82	175,345
21	21	26	STERRA	-19,16	1,45	19,22	175,683
21	21	27	STERRA	-19,16	3,22	19,43	170,474
21	21	21	SACC	-11,18	3,31	11,66	163,513
21	21	20	SACC	-11,18	1,4	11,27	172,884
21	21	26	SACC	-12,58	1,4	12,66	173,668
21	21	27	SACC	-12,58	3,31	13,01	165,261
22	22	22	DEAD	0	0	0	0
22	22	21	DEAD	0	0	0	0
22	22	27	DEAD	0	0	0	0
22	22	28	DEAD	0	0	0	0
22	22	22	STERRA	-7,47	4,46	8,7	149,141
22	22	21	STERRA	-7,47	5,23	9,12	144,993
22	22	27	STERRA	-13,45	5,23	14,43	158,743
22	22	28	STERRA	-13,45	4,46	14,17	161,64
22	22	22	SACC	-6,29	2,51	6,78	158,213
22	22	21	SACC	-6,29	4,25	7,59	145,962
22	22	27	SACC	-9,33	4,25	10,25	155,511
22	22	28	SACC	-9,33	2,51	9,66	164,915
23	23	37	DEAD	0	0	0	0
23	23	45	DEAD	0	0	0	0
23	23	46	DEAD	0	0	0	0

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
23	23	37	STERRA	-1,78	-0,68	1,9	-158,965
23	23	45	STERRA	-1,78	-0,68	1,9	-158,965
23	23	46	STERRA	-1,78	-0,68	1,9	-158,965
23	23	37	SACC	-1,32	0,24	1,34	169,744
23	23	45	SACC	-1,32	0,24	1,34	169,744
23	23	46	SACC	-1,32	0,24	1,34	169,744
24	24	24	DEAD	0	0	0	0
24	24	23	DEAD	0	0	0	0
24	24	30	DEAD	0	0	0	0
24	24	31	DEAD	0	0	0	0
24	24	24	STERRA	-60,84	0,37	60,84	179,65
24	24	23	STERRA	-60,84	0,64	60,84	179,395
24	24	30	STERRA	-60,4	0,64	60,41	179,391
24	24	31	STERRA	-60,4	0,37	60,41	179,647
24	24	24	SACC	-38,43	-0,69	38,44	-178,975
24	24	23	SACC	-38,43	-1,03	38,45	-178,471
24	24	30	SACC	-40,01	-1,03	40,02	-178,531
24	24	31	SACC	-40,01	-0,69	40,02	-179,015
25	25	25	DEAD	0	0	0	0
25	25	24	DEAD	0	0	0	0
25	25	31	DEAD	0	0	0	0
25	25	32	DEAD	0	0	0	0
25	25	25	STERRA	-43,55	0,2	43,55	179,738
25	25	24	STERRA	-43,55	0,44	43,56	179,424
25	25	31	STERRA	-44,16	0,44	44,16	179,432
25	25	32	STERRA	-44,16	0,2	44,16	179,741
25	25	25	SACC	-27,76	0,27	27,76	179,449
25	25	24	SACC	-27,76	-0,1	27,76	-179,786
25	25	31	SACC	-29,1	-0,1	29,1	-179,796
25	25	32	SACC	-29,1	0,27	29,1	179,474
26	26	26	DEAD	0	0	0	0
26	26	25	DEAD	0	0	0	0
26	26	32	DEAD	0	0	0	0
26	26	33	DEAD	0	0	0	0
26	26	26	STERRA	-30,05	0,61	30,06	178,832
26	26	25	STERRA	-30,05	0,59	30,06	178,876
26	26	32	STERRA	-31,08	0,59	31,09	178,913
26	26	33	STERRA	-31,08	0,61	31,09	178,87
26	26	26	SACC	-19,35	1,27	19,39	176,247
26	26	25	SACC	-19,35	0,76	19,36	177,76
26	26	32	SACC	-20,43	0,76	20,44	177,879
26	26	33	SACC	-20,43	1,27	20,47	176,445
27	27	27	DEAD	0	0	0	0
27	27	26	DEAD	0	0	0	0
27	27	33	DEAD	0	0	0	0
27	27	34	DEAD	0	0	0	0
27	27	27	STERRA	-19,34	1,27	19,39	176,258
27	27	26	STERRA	-19,34	1,12	19,38	176,685
27	27	33	STERRA	-21,07	1,12	21,1	176,956
27	27	34	STERRA	-21,07	1,27	21,11	176,564
27	27	27	SACC	-12,9	1,8	13,03	172,077
27	27	26	SACC	-12,9	1,62	13,01	172,843
27	27	33	SACC	-13,87	1,62	13,97	173,338
27	27	34	SACC	-13,87	1,8	13,99	172,624
28	28	28	DEAD	0	0	0	0
28	28	27	DEAD	0	0	0	0
28	28	34	DEAD	0	0	0	0
28	28	35	DEAD	0	0	0	0
28	28	28	STERRA	-13,39	2,45	13,61	169,615
28	28	27	STERRA	-13,39	1,46	13,47	173,779
28	28	34	STERRA	-12,95	1,46	13,03	173,567
28	28	35	STERRA	-12,95	2,45	13,18	169,266
28	28	28	SACC	-8,86	3,26	9,44	159,821
28	28	27	SACC	-8,86	1,95	9,08	167,617
28	28	34	SACC	-8,75	1,95	8,97	167,462
28	28	35	SACC	-8,75	3,26	9,34	159,582
29	29	29	DEAD	0	0	0	0
29	29	28	DEAD	0	0	0	0

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
29	29	35	DEAD	0	0	0	0
29	29	36	DEAD	0	0	0	0
29	29	29	STERRA	-5,46	3,2	6,33	149,645
29	29	28	STERRA	-5,46	3,72	6,61	145,728
29	29	35	STERRA	-8,65	3,72	9,41	156,717
29	29	36	STERRA	-8,65	3,2	9,22	159,704
29	29	29	SACC	-5,21	1,79	5,51	161,074
29	29	28	SACC	-5,21	3,68	6,38	144,754
29	29	35	SACC	-6,3	3,68	7,3	149,721
29	29	36	SACC	-6,3	1,79	6,55	164,182
30	30	46	DEAD	0	0	0	0
30	30	55	DEAD	0	0	0	0
30	30	56	DEAD	0	0	0	0
30	30	46	STERRA	0,24	-2,77	2,78	-85,044
30	30	55	STERRA	0,24	-2,77	2,78	-85,044
30	30	56	STERRA	0,24	-2,77	2,78	-85,044
30	30	46	SACC	0,15	-1,6	1,61	-84,625
30	30	55	SACC	0,15	-1,6	1,61	-84,625
30	30	56	SACC	0,15	-1,6	1,61	-84,625
31	31	56	DEAD	0	0	0	0
31	31	66	DEAD	0	0	0	0
31	31	67	DEAD	0	0	0	0
31	31	56	STERRA	1,05	-4,19	4,32	-75,968
31	31	66	STERRA	1,05	-4,19	4,32	-75,968
31	31	67	STERRA	1,05	-4,19	4,32	-75,968
31	31	56	SACC	0,53	-2,97	3,02	-79,953
31	31	66	SACC	0,53	-2,97	3,02	-79,953
31	31	67	SACC	0,53	-2,97	3,02	-79,953
32	32	31	DEAD	0	0	0	0
32	32	30	DEAD	0	0	0	0
32	32	38	DEAD	0	0	0	0
32	32	39	DEAD	0	0	0	0
32	32	31	STERRA	-60,33	3,64	60,44	176,543
32	32	30	STERRA	-60,33	4,38	60,48	175,844
32	32	38	STERRA	-57,46	4,38	57,62	175,637
32	32	39	STERRA	-57,46	3,64	57,57	176,371
32	32	31	SACC	-40,02	1,83	40,06	177,386
32	32	30	SACC	-40,02	1,81	40,06	177,405
32	32	38	SACC	-39,93	1,81	39,97	177,398
32	32	39	SACC	-39,93	1,83	39,97	177,379
33	33	32	DEAD	0	0	0	0
33	33	31	DEAD	0	0	0	0
33	33	39	DEAD	0	0	0	0
33	33	40	DEAD	0	0	0	0
33	33	32	STERRA	-44,02	2,05	44,06	177,335
33	33	31	STERRA	-44,02	2,76	44,1	176,416
33	33	39	STERRA	-42,32	2,76	42,41	176,273
33	33	40	STERRA	-42,32	2,05	42,37	177,228
33	33	32	SACC	-29,15	1,82	29,21	176,419
33	33	31	SACC	-29,15	1,75	29,2	176,556
33	33	39	SACC	-28,92	1,75	28,97	176,528
33	33	40	SACC	-28,92	1,82	28,98	176,39
34	34	33	DEAD	0	0	0	0
34	34	32	DEAD	0	0	0	0
34	34	40	DEAD	0	0	0	0
34	34	41	DEAD	0	0	0	0
34	34	33	STERRA	-30,97	1,03	30,99	178,091
34	34	32	STERRA	-30,97	1,54	31,01	177,147
34	34	40	STERRA	-30,03	1,54	30,07	177,058
34	34	41	STERRA	-30,03	1,03	30,05	178,031
34	34	33	SACC	-20,52	1,79	20,59	175,005
34	34	32	SACC	-20,52	1,68	20,58	175,308
34	34	40	SACC	-20,13	1,68	20,2	175,22
34	34	41	SACC	-20,13	1,79	20,21	174,91
35	35	34	DEAD	0	0	0	0
35	35	33	DEAD	0	0	0	0
35	35	41	DEAD	0	0	0	0
35	35	42	DEAD	0	0	0	0

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
35	35	34	STERRA	-21,03	0,49	21,04	178,652
35	35	33	STERRA	-21,03	0,76	21,05	177,933
35	35	41	STERRA	-20,39	0,76	20,41	177,868
35	35	42	STERRA	-20,39	0,49	20,4	178,61
35	35	34	SACC	-13,96	1,81	14,07	172,627
35	35	33	SACC	-13,96	1,6	14,05	173,444
35	35	41	SACC	-13,44	1,6	13,53	173,192
35	35	42	SACC	-13,44	1,81	13,56	172,344
36	36	35	DEAD	0	0	0	0
36	36	34	DEAD	0	0	0	0
36	36	42	DEAD	0	0	0	0
36	36	43	DEAD	0	0	0	0
36	36	35	STERRA	-13,08	0,37	13,08	178,367
36	36	34	STERRA	-13,08	0,39	13,08	178,301
36	36	42	STERRA	-13,25	0,39	13,26	178,324
36	36	43	STERRA	-13,25	0,37	13,26	178,389
36	36	35	SACC	-9	1,52	9,13	170,413
36	36	34	SACC	-9	1,6	9,14	169,938
36	36	42	SACC	-8,65	1,6	8,8	169,542
36	36	43	SACC	-8,65	1,52	8,79	170,036
37	37	36	DEAD	0	0	0	0
37	37	35	DEAD	0	0	0	0
37	37	43	DEAD	0	0	0	0
37	37	44	DEAD	0	0	0	0
37	37	36	STERRA	-8,72	0,43	8,73	177,197
37	37	35	STERRA	-8,72	0,07004	8,72	179,54
37	37	43	STERRA	-7,62	0,07004	7,62	179,474
37	37	44	STERRA	-7,62	0,43	7,63	176,794
37	37	36	SACC	-5,88	1,96	6,19	161,574
37	37	35	SACC	-5,88	1,25	6,01	168,014
37	37	43	SACC	-5,15	1,25	5,3	166,376
37	37	44	SACC	-5,15	1,96	5,51	159,176
38	38	37	DEAD	0	0	0	0
38	38	36	DEAD	0	0	0	0
38	38	44	DEAD	0	0	0	0
38	38	45	DEAD	0	0	0	0
38	38	37	STERRA	-3,08	0,83	3,19	164,949
38	38	36	STERRA	-3,08	1,06	3,26	160,978
38	38	44	STERRA	-4,19	1,06	4,32	165,778
38	38	45	STERRA	-4,19	0,83	4,27	168,818
38	38	37	SACC	-3,49	0,04672	3,49	179,233
38	38	36	SACC	-3,49	1,96	4	150,686
38	38	44	SACC	-3,2	1,96	3,75	148,493
38	38	45	SACC	-3,2	0,04672	3,2	179,163
39	39	67	DEAD	0	0	0	0
39	39	78	DEAD	0	0	0	0
39	39	79	DEAD	0	0	0	0
39	39	67	STERRA	0,44	-4,37	4,39	-84,211
39	39	78	STERRA	0,44	-4,37	4,39	-84,211
39	39	79	STERRA	0,44	-4,37	4,39	-84,211
39	39	67	SACC	-0,43	-3,21	3,24	-97,704
39	39	78	SACC	-0,43	-3,21	3,24	-97,704
39	39	79	SACC	-0,43	-3,21	3,24	-97,704
40	40	39	DEAD	0	0	0	0
40	40	38	DEAD	0	0	0	0
40	40	47	DEAD	0	0	0	0
40	40	48	DEAD	0	0	0	0
40	40	39	STERRA	-57,38	6,76	57,78	173,282
40	40	38	STERRA	-57,38	7,91	57,93	172,155
40	40	47	STERRA	-52,37	7,91	52,96	171,415
40	40	48	STERRA	-52,37	6,76	52,8	172,646
40	40	39	SACC	-39,94	4,39	40,18	173,73
40	40	38	SACC	-39,94	4,7	40,22	173,291
40	40	47	SACC	-38,19	4,7	38,48	172,987
40	40	48	SACC	-38,19	4,39	38,44	173,444
41	41	40	DEAD	0	0	0	0
41	41	39	DEAD	0	0	0	0
41	41	48	DEAD	0	0	0	0

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
41	41	49	DEAD	0	0	0	0
41	41	40	STERRA	-42,17	3,9	42,35	174,712
41	41	39	STERRA	-42,17	5,02	42,47	173,214
41	41	48	STERRA	-38,36	5,02	38,69	172,547
41	41	49	STERRA	-38,36	3,9	38,56	174,189
41	41	40	SACC	-28,96	3,4	29,16	173,296
41	41	39	SACC	-28,96	3,66	29,19	172,795
41	41	48	SACC	-27,11	3,66	27,36	172,309
41	41	49	SACC	-27,11	3,4	27,33	172,843
42	42	41	DEAD	0	0	0	0
42	42	40	DEAD	0	0	0	0
42	42	49	DEAD	0	0	0	0
42	42	50	DEAD	0	0	0	0
42	42	41	STERRA	-29,89	1,65	29,93	176,845
42	42	40	STERRA	-29,89	2,6	30	175,031
42	42	49	STERRA	-27	2,6	27,12	174,502
42	42	50	STERRA	-27	1,65	27,05	176,508
42	42	41	SACC	-20,21	2,45	20,36	173,099
42	42	40	SACC	-20,21	2,65	20,38	172,532
42	42	49	SACC	-18,34	2,65	18,53	171,779
42	42	50	SACC	-18,34	2,45	18,5	172,402
43	43	42	DEAD	0	0	0	0
43	43	41	DEAD	0	0	0	0
43	43	50	DEAD	0	0	0	0
43	43	51	DEAD	0	0	0	0
43	43	42	STERRA	-20,31	-0,023	20,31	-179,935
43	43	41	STERRA	-20,31	0,66	20,32	178,144
43	43	50	STERRA	-18,14	0,66	18,15	177,923
43	43	51	STERRA	-18,14	-0,023	18,14	-179,927
43	43	42	SACC	-13,54	1,56	13,63	173,439
43	43	41	SACC	-13,54	1,69	13,64	172,891
43	43	50	SACC	-11,72	1,69	11,85	171,806
43	43	51	SACC	-11,72	1,56	11,83	172,436
44	44	43	DEAD	0	0	0	0
44	44	42	DEAD	0	0	0	0
44	44	51	DEAD	0	0	0	0
44	44	52	DEAD	0	0	0	0
44	44	43	STERRA	-13,25	-1,19	13,31	-174,858
44	44	42	STERRA	-13,25	-0,77	13,27	-176,677
44	44	51	STERRA	-11,56	-0,77	11,58	-176,191
44	44	52	STERRA	-11,56	-1,19	11,62	-174,109
44	44	43	SACC	-8,73	0,8	8,77	174,747
44	44	42	SACC	-8,73	0,85	8,78	174,44
44	44	51	SACC	-7,09	0,85	7,14	173,166
44	44	52	SACC	-7,09	0,8	7,14	173,542
45	45	44	DEAD	0	0	0	0
45	45	43	DEAD	0	0	0	0
45	45	52	DEAD	0	0	0	0
45	45	53	DEAD	0	0	0	0
45	45	44	STERRA	-7,67	-1,74	7,86	-167,217
45	45	43	STERRA	-7,67	-1,67	7,84	-167,736
45	45	52	STERRA	-6,99	-1,67	7,18	-166,585
45	45	53	STERRA	-6,99	-1,74	7,2	-166,021
45	45	44	SACC	-5,27	0,002165	5,27	179,976
45	45	43	SACC	-5,27	0,24	5,28	177,39
45	45	52	SACC	-4,18	0,24	4,19	176,71
45	45	53	SACC	-4,18	0,002165	4,18	179,97
46	46	45	DEAD	0	0	0	0
46	46	44	DEAD	0	0	0	0
46	46	53	DEAD	0	0	0	0
46	46	54	DEAD	0	0	0	0
46	46	45	STERRA	-4,4	-2,34	4,98	-152,034
46	46	44	STERRA	-4,4	-2,14	4,89	-154,093
46	46	53	STERRA	-3,67	-2,14	4,25	-149,787
46	46	54	STERRA	-3,67	-2,34	4,35	-147,522
46	46	45	SACC	-2,86	-0,28	2,87	-174,42
46	46	44	SACC	-2,86	-0,35	2,88	-173,014
46	46	53	SACC	-2,42	-0,35	2,44	-171,757

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
46	46	54	SACC	-2,42	-0,28	2,43	-173,412
47	47	46	DEAD	0	0	0	0
47	47	45	DEAD	0	0	0	0
47	47	54	DEAD	0	0	0	0
47	47	55	DEAD	0	0	0	0
47	47	46	STERRA	-0,43	-1,65	1,71	-104,709
47	47	45	STERRA	-0,43	-1,98	2,02	-102,36
47	47	54	STERRA	-0,88	-1,98	2,17	-114,106
47	47	55	STERRA	-0,88	-1,65	1,87	-118,192
47	47	46	SACC	-1,18	-1,85	2,19	-122,451
47	47	45	SACC	-1,18	-0,34	1,22	-163,977
47	47	54	SACC	-0,88	-0,34	0,95	-159,077
47	47	55	SACC	-0,88	-1,85	2,05	-115,529
48	48	79	DEAD	0	0	0	0
48	48	91	DEAD	0	0	0	0
48	48	92	DEAD	0	0	0	0
48	48	79	STERRA	-0,57	-3,31	3,36	-99,817
48	48	91	STERRA	-0,57	-3,31	3,36	-99,817
48	48	92	STERRA	-0,57	-3,31	3,36	-99,817
48	48	79	SACC	-1,64	-2,31	2,83	-125,354
48	48	91	SACC	-1,64	-2,31	2,83	-125,354
48	48	92	SACC	-1,64	-2,31	2,83	-125,354
49	49	48	DEAD	0	0	0	0
49	49	47	DEAD	0	0	0	0
49	49	57	DEAD	0	0	0	0
49	49	58	DEAD	0	0	0	0
49	49	48	STERRA	-52,31	9,71	53,2	169,479
49	49	47	STERRA	-52,31	11,24	53,5	167,876
49	49	57	STERRA	-45,33	11,24	46,7	166,079
49	49	58	STERRA	-45,33	9,71	46,36	167,905
49	49	48	SACC	-38,21	6,98	38,84	169,652
49	49	47	SACC	-38,21	7,63	38,96	168,701
49	49	57	SACC	-34,75	7,63	35,58	167,612
49	49	58	SACC	-34,75	6,98	35,45	168,649
50	50	49	DEAD	0	0	0	0
50	50	48	DEAD	0	0	0	0
50	50	58	DEAD	0	0	0	0
50	50	59	DEAD	0	0	0	0
50	50	49	STERRA	-38,22	5,68	38,64	171,539
50	50	48	STERRA	-38,22	7,19	38,89	169,342
50	50	58	STERRA	-32,47	7,19	33,26	167,511
50	50	59	STERRA	-32,47	5,68	32,96	170,069
50	50	49	SACC	-27,15	4,95	27,6	169,67
50	50	48	SACC	-27,15	5,59	27,72	168,372
50	50	58	SACC	-23,67	5,59	24,32	166,723
50	50	59	SACC	-23,67	4,95	24,19	168,194
51	51	50	DEAD	0	0	0	0
51	51	49	DEAD	0	0	0	0
51	51	59	DEAD	0	0	0	0
51	51	60	DEAD	0	0	0	0
51	51	50	STERRA	-26,82	2,24	26,92	175,227
51	51	49	STERRA	-26,82	3,64	27,07	172,277
51	51	59	STERRA	-22,15	3,64	22,45	170,674
51	51	60	STERRA	-22,15	2,24	22,26	174,226
51	51	50	SACC	-18,38	2,95	18,62	170,87
51	51	49	SACC	-18,38	3,58	18,73	168,992
51	51	59	SACC	-15,01	3,58	15,43	166,602
51	51	60	SACC	-15,01	2,95	15,3	168,867
52	52	51	DEAD	0	0	0	0
52	52	50	DEAD	0	0	0	0
52	52	60	DEAD	0	0	0	0
52	52	61	DEAD	0	0	0	0
52	52	51	STERRA	-18,01	-0,56	18,02	-178,233
52	52	50	STERRA	-18,01	0,59	18,02	178,126
52	52	60	STERRA	-14,23	0,59	14,24	177,628
52	52	61	STERRA	-14,23	-0,56	14,24	-177,764
52	52	51	SACC	-11,8	1,14	11,86	174,502
52	52	50	SACC	-11,8	1,64	11,92	172,109

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
52	52	60	SACC	-8,61	1,64	8,76	169,238
52	52	61	SACC	-8,61	1,14	8,68	172,48
53	53	52	DEAD	0	0	0	0
53	53	51	DEAD	0	0	0	0
53	53	61	DEAD	0	0	0	0
53	53	62	DEAD	0	0	0	0
53	53	52	STERRA	-11,5	-2,61	11,8	-167,237
53	53	51	STERRA	-11,5	-1,88	11,66	-170,706
53	53	61	STERRA	-8,56	-1,88	8,76	-167,591
53	53	62	STERRA	-8,56	-2,61	8,94	-163,062
53	53	52	SACC	-7,2	-0,38	7,21	-177,009
53	53	51	SACC	-7,2	-0,09479	7,2	-179,246
53	53	61	SACC	-4,35	-0,09479	4,35	-178,751
53	53	62	SACC	-4,35	-0,38	4,36	-175,053
54	54	53	DEAD	0	0	0	0
54	54	52	DEAD	0	0	0	0
54	54	62	DEAD	0	0	0	0
54	54	63	DEAD	0	0	0	0
54	54	53	STERRA	-7,01	-4,03	8,09	-150,097
54	54	52	STERRA	-7,01	-3,6	7,89	-152,816
54	54	62	STERRA	-4,95	-3,6	6,12	-143,943
54	54	63	STERRA	-4,95	-4,03	6,38	-140,81
54	54	53	SACC	-4,25	-1,58	4,53	-159,662
54	54	52	SACC	-4,25	-1,4	4,48	-161,771
54	54	62	SACC	-2,12	-1,4	2,54	-146,565
54	54	63	SACC	-2,12	-1,58	2,64	-143,384
55	55	54	DEAD	0	0	0	0
55	55	53	DEAD	0	0	0	0
55	55	63	DEAD	0	0	0	0
55	55	64	DEAD	0	0	0	0
55	55	54	STERRA	-3,57	-4,55	5,78	-128,094
55	55	53	STERRA	-3,57	-4,55	5,78	-128,114
55	55	63	STERRA	-3,01	-4,55	5,46	-123,514
55	55	64	STERRA	-3,01	-4,55	5,46	-123,495
55	55	54	SACC	-2,33	-2,44	3,38	-133,633
55	55	53	SACC	-2,33	-2,17	3,19	-136,969
55	55	63	SACC	-1,48	-2,17	2,63	-124,247
55	55	64	SACC	-1,48	-2,44	2,86	-121,212
56	56	55	DEAD	0	0	0	0
56	56	54	DEAD	0	0	0	0
56	56	64	DEAD	0	0	0	0
56	56	65	DEAD	0	0	0	0
56	56	55	STERRA	-1,3	-5,37	5,52	-103,61
56	56	54	STERRA	-1,3	-4,6	4,78	-105,772
56	56	64	STERRA	-1,91	-4,6	4,98	-112,585
56	56	65	STERRA	-1,91	-5,37	5,7	-109,624
56	56	55	SACC	-0,75	-3,11	3,2	-103,502
56	56	54	SACC	-0,75	-2,42	2,54	-107,149
56	56	64	SACC	-1,6	-2,42	2,9	-123,396
56	56	65	SACC	-1,6	-3,11	3,5	-117,159
57	57	56	DEAD	0	0	0	0
57	57	55	DEAD	0	0	0	0
57	57	65	DEAD	0	0	0	0
57	57	66	DEAD	0	0	0	0
57	57	56	STERRA	2,2	-3,12	3,82	-54,843
57	57	55	STERRA	2,2	-4,66	5,15	-64,746
57	57	65	STERRA	0,3	-4,66	4,67	-86,327
57	57	66	STERRA	0,3	-3,12	3,13	-84,526
57	57	56	SACC	1,46	-2,79	3,15	-62,294
57	57	55	SACC	1,46	-2,57	2,96	-60,346
57	57	65	SACC	-0,46	-2,57	2,61	-100,245
57	57	66	SACC	-0,46	-2,79	2,83	-99,465
58	58	92	DEAD	0	0	0	0
58	58	105	DEAD	0	0	0	0
58	58	106	DEAD	0	0	0	0
58	58	92	STERRA	-1	-2,06	2,29	-115,876
58	58	105	STERRA	-1	-2,06	2,29	-115,876
58	58	106	STERRA	-1	-2,06	2,29	-115,876

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
58	58	92	SACC	-2	-1,37	2,42	-145,488
58	58	105	SACC	-2	-1,37	2,42	-145,488
58	58	106	SACC	-2	-1,37	2,42	-145,488
59	59	106	DEAD	0	0	0	0
59	59	120	DEAD	0	0	0	0
59	59	121	DEAD	0	0	0	0
59	59	106	STERRA	0,4	-1,19	1,26	-71,552
59	59	120	STERRA	0,4	-1,19	1,26	-71,552
59	59	121	STERRA	0,4	-1,19	1,26	-71,552
59	59	106	SACC	0,28	-0,92	0,96	-73,064
59	59	120	SACC	0,28	-0,92	0,96	-73,064
59	59	121	SACC	0,28	-0,92	0,96	-73,064
60	60	58	DEAD	0	0	0	0
60	60	57	DEAD	0	0	0	0
60	60	68	DEAD	0	0	0	0
60	60	69	DEAD	0	0	0	0
60	60	58	STERRA	-45,28	12,55	46,99	164,509
60	60	57	STERRA	-45,28	14,4	47,52	162,357
60	60	68	STERRA	-36,43	14,4	39,17	158,43
60	60	69	STERRA	-36,43	12,55	38,53	160,99
60	60	58	SACC	-34,77	9,6	36,07	164,564
60	60	57	SACC	-34,77	10,61	36,35	163,023
60	60	68	SACC	-29,51	10,61	31,36	160,217
60	60	69	SACC	-29,51	9,6	31,03	161,979
61	61	59	DEAD	0	0	0	0
61	61	58	DEAD	0	0	0	0
61	61	69	DEAD	0	0	0	0
61	61	70	DEAD	0	0	0	0
61	61	59	STERRA	-32,32	7,38	33,15	167,139
61	61	58	STERRA	-32,32	9,27	33,62	163,997
61	61	69	STERRA	-24,7	9,27	26,38	159,432
61	61	70	STERRA	-24,7	7,38	25,78	163,368
61	61	59	SACC	-23,67	6,42	24,53	164,817
61	61	58	SACC	-23,67	7,51	24,83	162,4
61	61	69	SACC	-18,51	7,51	19,97	157,915
61	61	70	SACC	-18,51	6,42	19,59	160,856
62	62	60	DEAD	0	0	0	0
62	62	59	DEAD	0	0	0	0
62	62	70	DEAD	0	0	0	0
62	62	71	DEAD	0	0	0	0
62	62	60	STERRA	-21,9	2,65	22,06	173,107
62	62	59	STERRA	-21,9	4,65	22,39	168,012
62	62	70	STERRA	-15,65	4,65	16,32	163,445
62	62	71	STERRA	-15,65	2,65	15,87	170,394
62	62	60	SACC	-14,96	3,18	15,3	168,016
62	62	59	SACC	-14,96	4,45	15,61	163,436
62	62	70	SACC	-10,19	4,45	11,12	156,4
62	62	71	SACC	-10,19	3,18	10,67	162,683
63	63	61	DEAD	0	0	0	0
63	63	60	DEAD	0	0	0	0
63	63	71	DEAD	0	0	0	0
63	63	72	DEAD	0	0	0	0
63	63	61	STERRA	-14	-1,38	14,06	-174,357
63	63	60	STERRA	-14	0,44	14	178,217
63	63	71	STERRA	-8,82	0,44	8,83	177,171
63	63	72	STERRA	-8,82	-1,38	8,93	-171,09
63	63	61	SACC	-8,58	0,18	8,59	178,827
63	63	60	SACC	-8,58	1,36	8,69	171,018
63	63	71	SACC	-4,09	1,36	4,31	161,656
63	63	72	SACC	-4,09	0,18	4,1	177,54
64	64	62	DEAD	0	0	0	0
64	64	61	DEAD	0	0	0	0
64	64	72	DEAD	0	0	0	0
64	64	73	DEAD	0	0	0	0
64	64	62	STERRA	-8,47	-4,42	9,55	-152,465
64	64	61	STERRA	-8,47	-3,26	9,07	-158,971
64	64	72	STERRA	-4,03	-3,26	5,18	-141,039
64	64	73	STERRA	-4,03	-4,42	5,98	-132,362

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
64	64	62	SACC	-4,45	-2,22	4,97	-153,48
64	64	61	SACC	-4,45	-1,58	4,72	-160,422
64	64	72	SACC	-0,12	-1,58	1,59	-94,321
64	64	73	SACC	-0,12	-2,22	2,22	-93,082
65	65	63	DEAD	0	0	0	0
65	65	62	DEAD	0	0	0	0
65	65	73	DEAD	0	0	0	0
65	65	74	DEAD	0	0	0	0
65	65	63	STERRA	-4,97	-6,44	8,14	-127,661
65	65	62	STERRA	-4,97	-5,97	7,77	-129,773
65	65	73	STERRA	-1,67	-5,97	6,2	-105,624
65	65	74	STERRA	-1,67	-6,44	6,65	-104,538
65	65	63	SACC	-2,27	-3,97	4,57	-119,722
65	65	62	SACC	-2,27	-3,83	4,45	-120,634
65	65	73	SACC	1,21	-3,83	4,02	-72,464
65	65	74	SACC	1,21	-3,97	4,15	-73,058
66	66	64	DEAD	0	0	0	0
66	66	63	DEAD	0	0	0	0
66	66	74	DEAD	0	0	0	0
66	66	75	DEAD	0	0	0	0
66	66	64	STERRA	-3,03	-7,75	8,32	-111,353
66	66	63	STERRA	-3,03	-7,39	7,99	-112,286
66	66	74	STERRA	-1,68	-7,39	7,58	-102,806
66	66	75	STERRA	-1,68	-7,75	7,93	-102,234
66	66	64	SACC	-1,49	-5,26	5,47	-105,812
66	66	63	SACC	-1,49	-5	5,22	-106,586
66	66	74	SACC	-0,04426	-5	5	-90,507
66	66	75	SACC	-0,04426	-5,26	5,26	-90,482
67	67	65	DEAD	0	0	0	0
67	67	64	DEAD	0	0	0	0
67	67	75	DEAD	0	0	0	0
67	67	76	DEAD	0	0	0	0
67	67	65	STERRA	-1,54	-7,71	7,87	-101,303
67	67	64	STERRA	-1,54	-7,73	7,88	-101,277
67	67	75	STERRA	-2,81	-7,73	8,23	-109,99
67	67	76	STERRA	-2,81	-7,71	8,21	-110,033
67	67	65	SACC	-1,14	-5,61	5,73	-101,524
67	67	64	SACC	-1,14	-5,26	5,38	-102,272
67	67	75	SACC	-2,42	-5,26	5,79	-114,707
67	67	76	SACC	-2,42	-5,61	6,11	-113,329
68	68	66	DEAD	0	0	0	0
68	68	65	DEAD	0	0	0	0
68	68	76	DEAD	0	0	0	0
68	68	77	DEAD	0	0	0	0
68	68	66	STERRA	-0,42	-8,13	8,14	-92,952
68	68	65	STERRA	-0,42	-6,84	6,85	-93,508
68	68	76	STERRA	-3,24	-6,84	7,56	-115,33
68	68	77	STERRA	-3,24	-8,13	8,75	-111,709
68	68	66	SACC	-0,7	-6,06	6,1	-96,623
68	68	65	SACC	-0,7	-4,58	4,64	-98,732
68	68	76	SACC	-3,81	-4,58	5,96	-129,745
68	68	77	SACC	-3,81	-6,06	7,16	-122,156
69	69	67	DEAD	0	0	0	0
69	69	66	DEAD	0	0	0	0
69	69	77	DEAD	0	0	0	0
69	69	78	DEAD	0	0	0	0
69	69	67	STERRA	4,04	-2,61	4,81	-32,886
69	69	66	STERRA	4,04	-6,44	7,6	-57,895
69	69	77	STERRA	-0,94	-6,44	6,51	-98,294
69	69	78	STERRA	-0,94	-2,61	2,78	-109,764
69	69	67	SACC	3,55	-1,72	3,94	-25,848
69	69	66	SACC	3,55	-4,23	5,52	-49,988
69	69	77	SACC	-2,34	-4,23	4,83	-118,929
69	69	78	SACC	-2,34	-1,72	2,9	-143,653
70	70	69	DEAD	0	0	0	0
70	70	68	DEAD	0	0	0	0
70	70	80	DEAD	0	0	0	0
70	70	81	DEAD	0	0	0	0

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
70	70	69	STERRA	-36,43	15,42	39,56	157,054
70	70	68	STERRA	-36,43	17,49	40,41	154,359
70	70	80	STERRA	-25,47	17,49	30,89	145,525
70	70	81	STERRA	-25,47	15,42	29,77	148,8
70	70	69	SACC	-29,55	12,36	32,03	157,308
70	70	68	SACC	-29,55	13,67	32,56	155,181
70	70	80	SACC	-22,14	13,67	26,02	148,312
70	70	81	SACC	-22,14	12,36	25,35	150,832
71	71	70	DEAD	0	0	0	0
71	71	69	DEAD	0	0	0	0
71	71	81	DEAD	0	0	0	0
71	71	82	DEAD	0	0	0	0
71	71	70	STERRA	-24,56	9,06	26,17	159,749
71	71	69	STERRA	-24,56	11,28	27,02	155,331
71	71	81	STERRA	-14,81	11,28	18,62	142,713
71	71	82	STERRA	-14,81	9,06	17,36	148,548
71	71	70	SACC	-18,46	7,88	20,07	156,885
71	71	69	SACC	-18,46	9,43	20,72	152,946
71	71	81	SACC	-11,29	9,43	14,7	140,129
71	71	82	SACC	-11,29	7,88	13,76	145,082
72	72	71	DEAD	0	0	0	0
72	72	70	DEAD	0	0	0	0
72	72	82	DEAD	0	0	0	0
72	72	83	DEAD	0	0	0	0
72	72	71	STERRA	-15,21	2,78	15,46	169,658
72	72	70	STERRA	-15,21	5,69	16,24	159,494
72	72	82	STERRA	-7,71	5,69	9,58	143,586
72	72	83	STERRA	-7,71	2,78	8,19	160,205
72	72	71	SACC	-9,9	3,02	10,35	163,025
72	72	70	SACC	-9,9	5,32	11,24	151,759
72	72	82	SACC	-3,99	5,32	6,65	126,875
72	72	83	SACC	-3,99	3,02	5	142,852
73	73	72	DEAD	0	0	0	0
73	73	71	DEAD	0	0	0	0
73	73	83	DEAD	0	0	0	0
73	73	84	DEAD	0	0	0	0
73	73	72	STERRA	-8,29	-2,79	8,75	-161,397
73	73	71	STERRA	-8,29	0,25	8,3	178,242
73	73	83	STERRA	-2,37	0,25	2,38	173,867
73	73	84	STERRA	-2,37	-2,79	3,66	-130,315
73	73	72	SACC	-3,75	-1,59	4,07	-157,024
73	73	71	SACC	-3,75	0,93	3,86	166,089
73	73	83	SACC	1,47	0,93	1,74	32,221
73	73	84	SACC	1,47	-1,59	2,17	-47,172
74	74	73	DEAD	0	0	0	0
74	74	72	DEAD	0	0	0	0
74	74	84	DEAD	0	0	0	0
74	74	85	DEAD	0	0	0	0
74	74	73	STERRA	-3,8	-7,06	8,02	-118,307
74	74	72	STERRA	-3,8	-5,02	6,3	-127,133
74	74	84	STERRA	2,16	-5,02	5,47	-66,769
74	74	85	STERRA	2,16	-7,06	7,38	-73,021
74	74	73	SACC	-0,09514	-5,31	5,31	-91,027
74	74	72	SACC	-0,09514	-3,72	3,72	-91,464
74	74	84	SACC	5,89	-3,72	6,97	-32,278
74	74	85	SACC	5,89	-5,31	7,93	-42,006
75	75	74	DEAD	0	0	0	0
75	75	73	DEAD	0	0	0	0
75	75	85	DEAD	0	0	0	0
75	75	86	DEAD	0	0	0	0
75	75	74	STERRA	-1,82	-9,76	9,93	-100,581
75	75	73	STERRA	-1,82	-9,38	9,56	-101
75	75	85	STERRA	3,75	-9,38	10,11	-68,193
75	75	86	STERRA	3,75	-9,76	10,46	-68,967
75	75	74	SACC	0,88	-7,72	7,77	-83,479
75	75	73	SACC	0,88	-7,76	7,81	-83,507
75	75	85	SACC	6,86	-7,76	10,36	-48,491
75	75	86	SACC	6,86	-7,72	10,33	-48,368

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
76	76	75	DEAD	0	0	0	0
76	76	74	DEAD	0	0	0	0
76	76	86	DEAD	0	0	0	0
76	76	87	DEAD	0	0	0	0
76	76	75	STERRA	-1,71	-11,63	11,75	-98,373
76	76	74	STERRA	-1,71	-11,43	11,55	-98,516
76	76	86	STERRA	0,67	-11,43	11,45	-86,654
76	76	87	STERRA	0,67	-11,63	11,64	-86,711
76	76	75	SACC	-0,14	-9,59	9,59	-90,806
76	76	74	SACC	-0,14	-9,55	9,55	-90,81
76	76	86	SACC	2,48	-9,55	9,87	-75,444
76	76	87	SACC	2,48	-9,59	9,91	-75,505
77	77	76	DEAD	0	0	0	0
77	77	75	DEAD	0	0	0	0
77	77	87	DEAD	0	0	0	0
77	77	88	DEAD	0	0	0	0
77	77	76	STERRA	-2,54	-12,36	12,62	-101,626
77	77	75	STERRA	-2,54	-11,63	11,9	-102,33
77	77	87	STERRA	-4,73	-11,63	12,56	-112,143
77	77	88	STERRA	-4,73	-12,36	13,23	-110,957
77	77	76	SACC	-2,05	-10,45	10,65	-101,093
77	77	75	SACC	-2,05	-9,59	9,8	-102,062
77	77	87	SACC	-4,51	-9,59	10,6	-115,212
77	77	88	SACC	-4,51	-10,45	11,38	-113,363
78	78	77	DEAD	0	0	0	0
78	78	76	DEAD	0	0	0	0
78	78	88	DEAD	0	0	0	0
78	78	89	DEAD	0	0	0	0
78	78	77	STERRA	-2,53	-10,68	10,98	-103,343
78	78	76	STERRA	-2,53	-10,72	11,02	-103,297
78	78	88	STERRA	-7,86	-10,72	13,3	-126,255
78	78	89	STERRA	-7,86	-10,68	13,26	-126,353
78	78	77	SACC	-2,92	-9,01	9,47	-107,938
78	78	76	SACC	-2,92	-8,62	9,1	-108,693
78	78	88	SACC	-8,85	-8,62	12,35	-135,748
78	78	89	SACC	-8,85	-9,01	12,62	-134,483
79	79	78	DEAD	0	0	0	0
79	79	77	DEAD	0	0	0	0
79	79	89	DEAD	0	0	0	0
79	79	90	DEAD	0	0	0	0
79	79	78	STERRA	-2,25	-9,12	9,4	-103,846
79	79	77	STERRA	-2,25	-8,65	8,94	-104,57
79	79	89	STERRA	-6,51	-8,65	10,83	-126,948
79	79	90	STERRA	-6,51	-9,12	11,21	-125,498
79	79	78	SACC	-3,34	-7,47	8,18	-114,096
79	79	77	SACC	-3,34	-6,71	7,49	-116,463
79	79	89	SACC	-7,88	-6,71	10,35	-139,598
79	79	90	SACC	-7,88	-7,47	10,86	-136,549
80	80	79	DEAD	0	0	0	0
80	80	78	DEAD	0	0	0	0
80	80	90	DEAD	0	0	0	0
80	80	91	DEAD	0	0	0	0
80	80	79	STERRA	3,98	-0,36	4	-5,127
80	80	78	STERRA	3,98	-6,8	7,88	-59,668
80	80	90	STERRA	-2,39	-6,8	7,21	-109,387
80	80	91	STERRA	-2,39	-0,36	2,42	-171,515
80	80	79	SACC	3,75	1,09	3,9	16,163
80	80	78	SACC	3,75	-4,75	6,05	-51,743
80	80	90	SACC	-4,07	-4,75	6,26	-130,571
80	80	91	SACC	-4,07	1,09	4,21	165,055
81	81	81	DEAD	0	0	0	0
81	81	80	DEAD	0	0	0	0
81	81	93	DEAD	0	0	0	0
81	81	94	DEAD	0	0	0	0
81	81	81	STERRA	-25,67	18,81	31,82	143,767
81	81	80	STERRA	-25,67	20,83	33,05	140,938
81	81	93	STERRA	-11,17	20,83	23,63	118,198
81	81	94	STERRA	-11,17	18,81	21,87	120,701

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
81	81	81	SACC	-22,32	15,59	27,23	145,069
81	81	80	SACC	-22,32	17,02	28,07	142,682
81	81	93	SACC	-11,39	17,02	20,48	123,789
81	81	94	SACC	-11,39	15,59	19,31	126,144
82	82	82	DEAD	0	0	0	0
82	82	81	DEAD	0	0	0	0
82	82	94	DEAD	0	0	0	0
82	82	95	DEAD	0	0	0	0
82	82	82	STERRA	-14,68	10,56	18,08	144,289
82	82	81	STERRA	-14,68	13,26	19,78	137,92
82	82	94	STERRA	-2,11	13,26	13,42	99,025
82	82	95	STERRA	-2,11	10,56	10,76	101,282
82	82	82	SACC	-11,19	9,13	14,44	140,777
82	82	81	SACC	-11,19	11,32	15,91	134,66
82	82	94	SACC	-1,33	11,32	11,4	96,724
82	82	95	SACC	-1,33	9,13	9,23	98,316
83	83	83	DEAD	0	0	0	0
83	83	82	DEAD	0	0	0	0
83	83	95	DEAD	0	0	0	0
83	83	96	DEAD	0	0	0	0
83	83	83	STERRA	-6,92	2,43	7,33	160,659
83	83	82	STERRA	-6,92	6,57	9,54	136,482
83	83	95	STERRA	0,95	6,57	6,63	81,792
83	83	96	STERRA	0,95	2,43	2,61	68,682
83	83	83	SACC	-3,3	2,39	4,07	144,101
83	83	82	SACC	-3,3	6	6,84	118,803
83	83	95	SACC	3	6	6,7	63,425
83	83	96	SACC	3	2,39	3,83	38,508
84	84	84	DEAD	0	0	0	0
84	84	83	DEAD	0	0	0	0
84	84	96	DEAD	0	0	0	0
84	84	97	DEAD	0	0	0	0
84	84	84	STERRA	-1,29	-4,44	4,62	-106,164
84	84	83	STERRA	-1,29	0,05346	1,29	177,62
84	84	96	STERRA	4,07	0,05346	4,07	0,753
84	84	97	STERRA	4,07	-4,44	6,02	-47,493
84	84	84	SACC	2,44	-3,74	4,46	-56,862
84	84	83	SACC	2,44	0,44	2,48	10,176
84	84	96	SACC	7,13	0,44	7,14	3,516
84	84	97	SACC	7,13	-3,74	8,05	-27,67
85	85	85	DEAD	0	0	0	0
85	85	84	DEAD	0	0	0	0
85	85	97	DEAD	0	0	0	0
85	85	98	DEAD	0	0	0	0
85	85	85	STERRA	2,92	-10,85	11,24	-74,939
85	85	84	STERRA	2,92	-6,44	7,07	-65,622
85	85	97	STERRA	9,18	-6,44	11,22	-35,053
85	85	98	STERRA	9,18	-10,85	14,22	-49,755
85	85	85	SACC	6,53	-9,98	11,93	-56,785
85	85	84	SACC	6,53	-5,64	8,63	-40,808
85	85	97	SACC	12,92	-5,64	14,1	-23,582
85	85	98	SACC	12,92	-9,98	16,33	-37,672
86	86	86	DEAD	0	0	0	0
86	86	85	DEAD	0	0	0	0
86	86	98	DEAD	0	0	0	0
86	86	99	DEAD	0	0	0	0
86	86	86	STERRA	3,45	-15,21	15,6	-77,211
86	86	85	STERRA	3,45	-14,09	14,51	-76,236
86	86	98	STERRA	13,97	-14,09	19,84	-45,256
86	86	99	STERRA	13,97	-15,21	20,65	-47,436
86	86	86	SACC	6,37	-14,33	15,68	-66,038
86	86	85	SACC	6,37	-13,48	14,91	-64,71
86	86	98	SACC	17,96	-13,48	22,45	-36,896
86	86	99	SACC	17,96	-14,33	22,97	-38,594
87	87	87	DEAD	0	0	0	0
87	87	86	DEAD	0	0	0	0
87	87	99	DEAD	0	0	0	0
87	87	100	DEAD	0	0	0	0

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
87	87	87	STERRA	0,24	-17,31	17,31	-89,215
87	87	86	STERRA	0,24	-18,67	18,67	-89,273
87	87	99	STERRA	5,47	-18,67	19,46	-73,662
87	87	100	STERRA	5,47	-17,31	18,15	-72,453
87	87	87	SACC	1,92	-16,45	16,56	-83,345
87	87	86	SACC	1,92	-18,19	18,29	-83,976
87	87	99	SACC	7,74	-18,19	19,76	-66,952
87	87	100	SACC	7,74	-16,45	18,18	-64,806
88	88	88	DEAD	0	0	0	0
88	88	87	DEAD	0	0	0	0
88	88	100	DEAD	0	0	0	0
88	88	101	DEAD	0	0	0	0
88	88	88	STERRA	-3,95	-19,53	19,93	-101,434
88	88	87	STERRA	-3,95	-17,31	17,75	-102,857
88	88	100	STERRA	-9,03	-17,31	19,52	-117,55
88	88	101	STERRA	-9,03	-19,53	21,52	-114,81
88	88	88	SACC	-3,61	-18,96	19,3	-100,789
88	88	87	SACC	-3,61	-16,43	16,82	-102,401
88	88	100	SACC	-9,35	-16,43	18,91	-119,653
88	88	101	SACC	-9,35	-18,96	21,14	-116,261
89	89	89	DEAD	0	0	0	0
89	89	88	DEAD	0	0	0	0
89	89	101	DEAD	0	0	0	0
89	89	102	DEAD	0	0	0	0
89	89	89	STERRA	-7,28	-16,11	17,68	-114,314
89	89	88	STERRA	-7,28	-16,11	17,68	-114,308
89	89	101	STERRA	-17,35	-16,11	23,68	-137,119
89	89	102	STERRA	-17,35	-16,11	23,67	-137,126
89	89	89	SACC	-8,08	-15,26	17,27	-117,899
89	89	88	SACC	-8,08	-15,09	17,12	-118,16
89	89	101	SACC	-19,42	-15,09	24,6	-142,148
89	89	102	SACC	-19,42	-15,26	24,7	-141,842
90	90	90	DEAD	0	0	0	0
90	90	89	DEAD	0	0	0	0
90	90	102	DEAD	0	0	0	0
90	90	103	DEAD	0	0	0	0
90	90	90	STERRA	-6,62	-9,28	11,4	-125,512
90	90	89	STERRA	-6,62	-13,04	14,62	-116,918
90	90	102	STERRA	-12,21	-13,04	17,86	-133,129
90	90	103	STERRA	-12,21	-9,28	15,34	-142,781
90	90	90	SACC	-7,86	-7,93	11,16	-134,741
90	90	89	SACC	-7,86	-11,8	14,17	-123,672
90	90	102	SACC	-14,15	-11,8	18,42	-140,184
90	90	103	SACC	-14,15	-7,93	16,22	-150,732
91	91	91	DEAD	0	0	0	0
91	91	90	DEAD	0	0	0	0
91	91	103	DEAD	0	0	0	0
91	91	104	DEAD	0	0	0	0
91	91	91	STERRA	-4,56	-6,71	8,11	-124,184
91	91	90	STERRA	-4,56	-8,02	9,23	-119,586
91	91	103	STERRA	-6,28	-8,02	10,19	-128,066
91	91	104	STERRA	-6,28	-6,71	9,19	-133,133
91	91	91	SACC	-6,2	-5,43	8,25	-138,781
91	91	90	SACC	-6,2	-6,55	9,02	-133,445
91	91	103	SACC	-7,72	-6,55	10,13	-139,708
91	91	104	SACC	-7,72	-5,43	9,44	-144,876
92	92	92	DEAD	0	0	0	0
92	92	91	DEAD	0	0	0	0
92	92	104	DEAD	0	0	0	0
92	92	105	DEAD	0	0	0	0
92	92	92	STERRA	2,8	1,52	3,19	28,507
92	92	91	STERRA	2,8	-4,91	5,65	-60,308
92	92	104	STERRA	-2,19	-4,91	5,38	-114,04
92	92	105	STERRA	-2,19	1,52	2,67	145,228
92	92	92	SACC	2,85	3,24	4,31	48,637
92	92	91	SACC	2,85	-3,21	4,29	-48,347
92	92	104	SACC	-3,63	-3,21	4,84	-138,523
92	92	105	SACC	-3,63	3,24	4,86	138,233

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
93	93	94	DEAD	0	0	0	0
93	93	93	DEAD	0	0	0	0
93	93	107	DEAD	0	0	0	0
93	93	108	DEAD	0	0	0	0
93	93	94	STERRA	-11,81	22,87	25,74	117,317
93	93	93	STERRA	-11,81	25,38	27,99	114,958
93	93	107	STERRA	13,53	25,38	28,76	61,934
93	93	108	STERRA	13,53	22,87	26,57	59,386
93	93	94	SACC	-11,91	19,3	22,68	121,683
93	93	93	SACC	-11,91	21,39	24,49	119,112
93	93	107	SACC	8,92	21,39	23,18	67,359
93	93	108	SACC	8,92	19,3	21,26	65,188
94	94	95	DEAD	0	0	0	0
94	94	94	DEAD	0	0	0	0
94	94	108	DEAD	0	0	0	0
94	94	109	DEAD	0	0	0	0
94	94	95	STERRA	-1,69	9,55	9,7	100,009
94	94	94	STERRA	-1,69	14,67	14,77	96,554
94	94	108	STERRA	14,02	14,67	20,29	46,29
94	94	109	STERRA	14,02	9,55	16,97	34,253
94	94	95	SACC	-0,91	8,08	8,13	96,41
94	94	94	SACC	-0,91	12,6	12,64	94,12
94	94	108	SACC	11,86	12,6	17,3	46,754
94	94	109	SACC	11,86	8,08	14,35	34,283
95	95	96	DEAD	0	0	0	0
95	95	95	DEAD	0	0	0	0
95	95	109	DEAD	0	0	0	0
95	95	110	DEAD	0	0	0	0
95	95	96	STERRA	2,14	0,9	2,32	22,794
95	95	95	STERRA	2,14	5,56	5,95	68,941
95	95	109	STERRA	8,57	5,56	10,22	32,944
95	95	110	STERRA	8,57	0,9	8,62	5,986
95	95	96	SACC	4,11	0,68	4,17	9,366
95	95	95	SACC	4,11	4,89	6,39	49,911
95	95	109	SACC	9,29	4,89	10,5	27,747
95	95	110	SACC	9,29	0,68	9,32	4,177
96	96	97	DEAD	0	0	0	0
96	96	96	DEAD	0	0	0	0
96	96	110	DEAD	0	0	0	0
96	96	111	DEAD	0	0	0	0
96	96	97	STERRA	5,38	-4,66	7,12	-40,86
96	96	96	STERRA	5,38	-0,97	5,47	-10,176
96	96	110	STERRA	9,59	-0,97	9,63	-5,755
96	96	111	STERRA	9,59	-4,66	10,66	-25,906
96	96	97	SACC	8,4	-4,42	9,49	-27,731
96	96	96	SACC	8,4	-0,84	8,44	-5,71
96	96	110	SACC	12,07	-0,84	12,1	-3,981
96	96	111	SACC	12,07	-4,42	12,85	-20,098
97	97	98	DEAD	0	0	0	0
97	97	97	DEAD	0	0	0	0
97	97	111	DEAD	0	0	0	0
97	97	112	DEAD	0	0	0	0
97	97	98	STERRA	10,9	-11,51	15,86	-46,57
97	97	97	STERRA	10,9	-6,05	12,47	-29,051
97	97	111	STERRA	14,87	-6,05	16,05	-22,156
97	97	112	STERRA	14,87	-11,51	18,81	-37,754
97	97	98	SACC	14,7	-11,49	18,66	-38,015
97	97	97	SACC	14,7	-5,69	15,77	-21,17
97	97	111	SACC	18,61	-5,69	19,47	-17,01
97	97	112	SACC	18,61	-11,49	21,88	-31,696
98	98	99	DEAD	0	0	0	0
98	98	98	DEAD	0	0	0	0
98	98	112	DEAD	0	0	0	0
98	98	113	DEAD	0	0	0	0
98	98	99	STERRA	15,33	-26,54	30,65	-59,996
98	98	98	STERRA	15,33	-13,92	20,7	-42,24
98	98	112	STERRA	28,51	-13,92	31,72	-26,024
98	98	113	STERRA	28,51	-26,54	38,95	-42,959

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
98	98	99	SACC	19,39	-28,14	34,17	-55,432
98	98	98	SACC	19,39	-14,06	23,95	-35,955
98	98	112	SACC	34,03	-14,06	36,82	-22,452
98	98	113	SACC	34,03	-28,14	44,16	-39,585
99	99	100	DEAD	0	0	0	0
99	99	99	DEAD	0	0	0	0
99	99	113	DEAD	0	0	0	0
99	99	114	DEAD	0	0	0	0
99	99	100	STERRA	3,78	-29,87	30,11	-82,785
99	99	99	STERRA	3,78	-34,78	34,99	-83,795
99	99	113	STERRA	30,78	-34,78	46,45	-48,495
99	99	114	STERRA	30,78	-29,87	42,89	-44,146
99	99	100	SACC	5,77	-31,73	32,25	-79,698
99	99	99	SACC	5,77	-37,41	37,85	-81,234
99	99	113	SACC	36,24	-37,41	52,08	-45,903
99	99	114	SACC	36,24	-31,73	48,17	-41,203
100	100	101	DEAD	0	0	0	0
100	100	100	DEAD	0	0	0	0
100	100	114	DEAD	0	0	0	0
100	100	115	DEAD	0	0	0	0
100	100	101	STERRA	-7,02	-35,48	36,16	-101,198
100	100	100	STERRA	-7,02	-29,88	30,69	-103,228
100	100	114	STERRA	-33,86	-29,88	45,16	-138,571
100	100	115	STERRA	-33,86	-35,48	49,04	-133,662
100	100	101	SACC	-7,08	-38,06	38,71	-100,54
100	100	100	SACC	-7,08	-31,72	32,5	-102,587
100	100	114	SACC	-37,51	-31,72	49,12	-139,783
100	100	115	SACC	-37,51	-38,06	53,44	-134,581
101	101	102	DEAD	0	0	0	0
101	101	101	DEAD	0	0	0	0
101	101	115	DEAD	0	0	0	0
101	101	116	DEAD	0	0	0	0
101	101	102	STERRA	-18,37	-15,39	23,96	-140,037
101	101	101	STERRA	-18,37	-27,28	32,89	-123,951
101	101	115	STERRA	-31,21	-27,28	41,45	-138,844
101	101	116	STERRA	-31,21	-15,39	34,8	-153,75
101	101	102	SACC	-20,52	-15,4	25,66	-143,105
101	101	101	SACC	-20,52	-28,78	35,34	-125,491
101	101	115	SACC	-35,03	-28,78	45,33	-140,599
101	101	116	SACC	-35,03	-15,4	38,27	-156,265
102	102	103	DEAD	0	0	0	0
102	102	102	DEAD	0	0	0	0
102	102	116	DEAD	0	0	0	0
102	102	117	DEAD	0	0	0	0
102	102	103	STERRA	-13,61	-8,83	16,23	-147,024
102	102	102	STERRA	-13,61	-13,17	18,94	-135,945
102	102	116	STERRA	-16,62	-13,17	21,21	-141,607
102	102	117	STERRA	-16,62	-8,83	18,82	-152,016
102	102	103	SACC	-15,64	-8,18	17,65	-152,381
102	102	102	SACC	-15,64	-12,9	20,27	-140,477
102	102	116	SACC	-18,95	-12,9	22,92	-145,756
102	102	117	SACC	-18,95	-8,18	20,64	-156,65
103	103	104	DEAD	0	0	0	0
103	103	103	DEAD	0	0	0	0
103	103	117	DEAD	0	0	0	0
103	103	118	DEAD	0	0	0	0
103	103	104	STERRA	-6,89	-5,13	8,59	-143,339
103	103	103	STERRA	-6,89	-7,9	10,48	-131,091
103	103	117	STERRA	-9,49	-7,9	12,35	-140,237
103	103	118	STERRA	-9,49	-5,13	10,79	-151,626
103	103	104	SACC	-8,25	-4,22	9,27	-152,938
103	103	103	SACC	-8,25	-7,14	10,91	-139,152
103	103	117	SACC	-11,21	-7,14	13,29	-147,529
103	103	118	SACC	-11,21	-4,22	11,98	-159,393
104	104	105	DEAD	0	0	0	0
104	104	104	DEAD	0	0	0	0
104	104	118	DEAD	0	0	0	0
104	104	119	DEAD	0	0	0	0

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
104	104	105	STERRA	-4,13	-4,45	6,07	-132,876
104	104	104	STERRA	-4,13	-4,78	6,32	-130,831
104	104	118	STERRA	-4,19	-4,78	6,36	-131,262
104	104	119	STERRA	-4,19	-4,45	6,12	-133,311
104	104	105	SACC	-5,73	-3,99	6,98	-145,155
104	104	104	SACC	-5,73	-3,9	6,93	-145,747
104	104	118	SACC	-5,22	-3,9	6,52	-143,231
104	104	119	SACC	-5,22	-3,99	6,57	-142,622
105	105	106	DEAD	0	0	0	0
105	105	105	DEAD	0	0	0	0
105	105	119	DEAD	0	0	0	0
105	105	120	DEAD	0	0	0	0
105	105	106	STERRA	1,85	2,44	3,06	52,809
105	105	105	STERRA	1,85	-3,18	3,68	-59,761
105	105	119	STERRA	-1,32	-3,18	3,44	-112,508
105	105	120	STERRA	-1,32	2,44	2,77	118,342
105	105	106	SACC	2,21	4,25	4,79	62,543
105	105	105	SACC	2,21	-2,32	3,2	-46,342
105	105	119	SACC	-2,22	-2,32	3,21	-133,763
105	105	120	SACC	-2,22	4,25	4,8	117,542
106	106	108	DEAD	0	0	0	0
106	106	107	DEAD	0	0	0	0
106	106	122	DEAD	0	0	0	0
106	106	123	DEAD	0	0	0	0
106	106	108	STERRA	12,8	23,39	26,67	61,317
106	106	107	STERRA	12,8	31,18	33,7	67,68
106	106	122	STERRA	46,73	31,18	56,18	33,707
106	106	123	STERRA	46,73	23,39	52,26	26,592
106	106	108	SACC	8,4	19,58	21,31	66,793
106	106	107	SACC	8,4	26,63	27,93	72,505
106	106	122	SACC	37,15	26,63	45,71	35,636
106	106	123	SACC	37,15	19,58	42	27,792
107	107	109	DEAD	0	0	0	0
107	107	108	DEAD	0	0	0	0
107	107	123	DEAD	0	0	0	0
107	107	124	DEAD	0	0	0	0
107	107	109	STERRA	15,25	2,17	15,41	8,111
107	107	108	STERRA	15,25	10,87	18,73	35,481
107	107	123	STERRA	21,48	10,87	24,07	26,845
107	107	124	STERRA	21,48	2,17	21,59	5,778
107	107	109	SACC	13,02	1,35	13,09	5,9
107	107	108	SACC	13,02	9,15	15,92	35,088
107	107	123	SACC	18,03	9,15	20,22	26,905
107	107	124	SACC	18,03	1,35	18,08	4,269
108	108	110	DEAD	0	0	0	0
108	108	109	DEAD	0	0	0	0
108	108	124	DEAD	0	0	0	0
108	108	125	DEAD	0	0	0	0
108	108	110	STERRA	9,29	-1,04	9,35	-6,401
108	108	109	STERRA	9,29	-0,7	9,32	-4,31
108	108	124	STERRA	12,16	-0,7	12,19	-3,295
108	108	125	STERRA	12,16	-1,04	12,21	-4,899
108	108	110	SACC	10,01	-1,47	10,12	-8,384
108	108	109	SACC	10,01	-0,94	10,05	-5,376
108	108	124	SACC	12,33	-0,94	12,36	-4,369
108	108	125	SACC	12,33	-1,47	12,42	-6,823
109	109	111	DEAD	0	0	0	0
109	109	110	DEAD	0	0	0	0
109	109	125	DEAD	0	0	0	0
109	109	126	DEAD	0	0	0	0
109	109	111	STERRA	10,2	-3,41	10,75	-18,491
109	109	110	STERRA	10,2	-2,7	10,55	-14,857
109	109	125	STERRA	12,43	-2,7	12,72	-12,276
109	109	126	STERRA	12,43	-3,41	12,89	-15,34
109	109	111	SACC	12,7	-3,62	13,21	-15,925
109	109	110	SACC	12,7	-2,87	13,02	-12,718
109	109	125	SACC	14,69	-2,87	14,97	-11,04
109	109	126	SACC	14,69	-3,62	15,13	-13,857

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
110	110	112	DEAD	0	0	0	0
110	110	111	DEAD	0	0	0	0
110	110	126	DEAD	0	0	0	0
110	110	127	DEAD	0	0	0	0
110	110	112	STERRA	15,64	-4,93	16,4	-17,499
110	110	111	STERRA	15,64	-5,12	16,46	-18,127
110	110	126	STERRA	18,85	-5,12	19,53	-15,197
110	110	127	STERRA	18,85	-4,93	19,48	-14,66
110	110	112	SACC	19,44	-5,1	20,1	-14,7
110	110	111	SACC	19,44	-5,29	20,15	-15,216
110	110	126	SACC	22,79	-5,29	23,4	-13,063
110	110	127	SACC	22,79	-5,1	23,36	-12,614
111	111	113	DEAD	0	0	0	0
111	111	112	DEAD	0	0	0	0
111	111	127	DEAD	0	0	0	0
111	111	128	DEAD	0	0	0	0
111	111	113	STERRA	31,83	-9,49	33,22	-16,606
111	111	112	STERRA	31,83	-6,42	32,48	-11,402
111	111	127	STERRA	26,93	-6,42	27,69	-13,409
111	111	128	STERRA	26,93	-9,49	28,55	-19,419
111	111	113	SACC	37,77	-10,13	39,11	-15,015
111	111	112	SACC	37,77	-6,64	38,35	-9,973
111	111	127	SACC	32,06	-6,64	32,75	-11,704
111	111	128	SACC	32,06	-10,13	33,63	-17,536
112	112	114	DEAD	0	0	0	0
112	112	113	DEAD	0	0	0	0
112	112	128	DEAD	0	0	0	0
112	112	129	DEAD	0	0	0	0
112	112	114	STERRA	38,51	-118,02	124,15	-71,928
112	112	113	STERRA	38,51	-19,72	43,27	-27,117
112	112	128	STERRA	99,16	-19,72	101,1	-11,249
112	112	129	STERRA	99,16	-118,02	154,15	-49,964
112	112	114	SACC	44,99	-133,06	140,46	-71,317
112	112	113	SACC	44,99	-21,65	49,93	-25,695
112	112	128	SACC	113,65	-21,65	115,7	-10,785
112	112	129	SACC	113,65	-133,06	174,99	-49,498
113	113	115	DEAD	0	0	0	0
113	113	114	DEAD	0	0	0	0
113	113	129	DEAD	0	0	0	0
113	113	130	DEAD	0	0	0	0
113	113	115	STERRA	-41,41	-20,08	46,02	-154,134
113	113	114	STERRA	-41,41	-118,04	125,09	-109,332
113	113	129	STERRA	-101,96	-118,04	155,98	-130,821
113	113	130	STERRA	-101,96	-20,08	103,92	-168,861
113	113	115	SACC	-46,06	-22,07	51,07	-154,401
113	113	114	SACC	-46,06	-133,05	140,79	-109,095
113	113	129	SACC	-114,7	-133,05	175,66	-130,764
113	113	130	SACC	-114,7	-22,07	116,8	-169,11
114	114	116	DEAD	0	0	0	0
114	114	115	DEAD	0	0	0	0
114	114	130	DEAD	0	0	0	0
114	114	131	DEAD	0	0	0	0
114	114	116	STERRA	-34,36	-7,16	35,1	-168,228
114	114	115	STERRA	-34,36	-9,92	35,76	-163,904
114	114	130	STERRA	-29,26	-9,92	30,89	-161,278
114	114	131	STERRA	-29,26	-7,16	30,12	-166,247
114	114	116	SACC	-38,57	-7,48	39,29	-169,019
114	114	115	SACC	-38,57	-10,54	39,99	-164,711
114	114	130	SACC	-32,77	-10,54	34,43	-162,166
114	114	131	SACC	-32,77	-7,48	33,62	-167,136
115	115	117	DEAD	0	0	0	0
115	115	116	DEAD	0	0	0	0
115	115	131	DEAD	0	0	0	0
115	115	132	DEAD	0	0	0	0
115	115	117	STERRA	-17,2	-6,22	18,29	-160,112
115	115	116	STERRA	-17,2	-5,86	18,17	-161,182
115	115	131	STERRA	-19,99	-5,86	20,83	-163,655
115	115	132	STERRA	-19,99	-6,22	20,93	-162,707

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
115	115	117	SACC	-19,56	-6,51	20,61	-161,589
115	115	116	SACC	-19,56	-6,02	20,46	-162,887
115	115	131	SACC	-22,68	-6,02	23,47	-165,133
115	115	132	SACC	-22,68	-6,51	23,6	-163,987
116	116	118	DEAD	0	0	0	0
116	116	117	DEAD	0	0	0	0
116	116	132	DEAD	0	0	0	0
116	116	133	DEAD	0	0	0	0
116	116	118	STERRA	-9,93	-4,89	11,07	-153,763
116	116	117	STERRA	-9,93	-5	11,11	-153,262
116	116	132	STERRA	-10,95	-5	12,04	-155,459
116	116	133	STERRA	-10,95	-4,89	11,99	-155,93
116	116	118	SACC	-11,65	-5,15	12,73	-156,16
116	116	117	SACC	-11,65	-5,14	12,73	-156,175
116	116	132	SACC	-12,73	-5,14	13,73	-158,001
116	116	133	SACC	-12,73	-5,15	13,73	-157,986
117	117	119	DEAD	0	0	0	0
117	117	118	DEAD	0	0	0	0
117	117	133	DEAD	0	0	0	0
117	117	134	DEAD	0	0	0	0
117	117	119	STERRA	-4,42	-3,06	5,38	-145,348
117	117	118	STERRA	-4,42	-4,27	6,15	-135,986
117	117	133	STERRA	-5,47	-4,27	6,94	-142,018
117	117	134	STERRA	-5,47	-3,06	6,27	-150,814
117	117	119	SACC	-5,39	-3,05	6,2	-150,488
117	117	118	SACC	-5,39	-4,47	7	-140,361
117	117	133	SACC	-6,65	-4,47	8,01	-146,097
117	117	134	SACC	-6,65	-3,05	7,31	-155,335
118	118	120	DEAD	0	0	0	0
118	118	119	DEAD	0	0	0	0
118	118	134	DEAD	0	0	0	0
118	118	135	DEAD	0	0	0	0
118	118	120	STERRA	-2,62	-3,27	4,19	-128,678
118	118	119	STERRA	-2,62	-3,21	4,15	-129,15
118	118	134	STERRA	-1,61	-3,21	3,6	-116,601
118	118	135	STERRA	-1,61	-3,27	3,64	-116,217
118	118	120	SACC	-3,8	-3,79	5,36	-135,073
118	118	119	SACC	-3,8	-3,4	5,09	-138,175
118	118	134	SACC	-2	-3,4	3,94	-120,529
118	118	135	SACC	-2	-3,79	4,28	-117,883
119	119	121	DEAD	0	0	0	0
119	119	120	DEAD	0	0	0	0
119	119	135	DEAD	0	0	0	0
119	119	136	DEAD	0	0	0	0
119	119	121	STERRA	1,21	2,73	2,98	66,112
119	119	120	STERRA	1,21	-2,23	2,54	-61,572
119	119	135	STERRA	-0,46	-2,23	2,28	-101,524
119	119	136	STERRA	-0,46	2,73	2,77	99,471
119	119	121	SACC	1,7	4,39	4,71	68,86
119	119	120	SACC	1,7	-2,35	2,9	-54,188
119	119	135	SACC	-0,79	-2,35	2,48	-108,592
119	119	136	SACC	-0,79	4,39	4,46	100,219
120	120	123	DEAD	0	0	0	0
120	120	122	DEAD	0	0	0	0
120	120	137	DEAD	0	0	0	0
120	120	138	DEAD	0	0	0	0
120	120	123	STERRA	50,25	-9,45	51,13	-10,65
120	120	122	STERRA	50,25	34,49	60,95	34,462
120	120	137	STERRA	105,28	34,49	110,78	18,139
120	120	138	STERRA	105,28	-9,45	105,7	-5,129
120	120	123	SACC	40,4	-9,13	41,42	-12,73
120	120	122	SACC	40,4	29,35	49,94	35,999
120	120	137	SACC	86,3	29,35	91,16	18,785
120	120	138	SACC	86,3	-9,13	86,78	-6,037
121	121	124	DEAD	0	0	0	0
121	121	123	DEAD	0	0	0	0
121	121	138	DEAD	0	0	0	0
121	121	139	DEAD	0	0	0	0

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
121	121	124	STERRA	19,83	-1,19	19,87	-3,444
121	121	123	STERRA	19,83	-20,49	28,52	-45,942
121	121	138	STERRA	24,83	-20,49	32,2	-39,533
121	121	139	STERRA	24,83	-1,19	24,86	-2,752
121	121	124	SACC	16,76	-2,17	16,9	-7,377
121	121	123	SACC	16,76	-18,29	24,8	-47,498
121	121	138	SACC	20,78	-18,29	27,68	-41,34
121	121	139	SACC	20,78	-2,17	20,9	-5,959
122	122	125	DEAD	0	0	0	0
122	122	124	DEAD	0	0	0	0
122	122	139	DEAD	0	0	0	0
122	122	140	DEAD	0	0	0	0
122	122	125	STERRA	11,91	-4,29	12,66	-19,8
122	122	124	STERRA	11,91	-3,32	12,37	-15,552
122	122	139	STERRA	15,35	-3,32	15,7	-12,191
122	122	140	STERRA	15,35	-4,29	15,94	-15,615
122	122	125	SACC	12,19	-4,98	13,17	-22,221
122	122	124	SACC	12,19	-3,89	12,8	-17,679
122	122	139	SACC	15,02	-3,89	15,51	-14,507
122	122	140	SACC	15,02	-4,98	15,82	-18,347
123	123	126	DEAD	0	0	0	0
123	123	125	DEAD	0	0	0	0
123	123	140	DEAD	0	0	0	0
123	123	141	DEAD	0	0	0	0
123	123	126	STERRA	11,83	-1,5	11,92	-7,222
123	123	125	STERRA	11,83	-5,55	13,06	-25,126
123	123	140	STERRA	14,28	-5,55	15,32	-21,23
123	123	141	STERRA	14,28	-1,5	14,36	-5,992
123	123	126	SACC	14,16	-2,38	14,36	-9,53
123	123	125	SACC	14,16	-6,06	15,4	-23,182
123	123	140	SACC	16,43	-6,06	17,52	-20,249
123	123	141	SACC	16,43	-2,38	16,6	-8,23
124	124	127	DEAD	0	0	0	0
124	124	126	DEAD	0	0	0	0
124	124	141	DEAD	0	0	0	0
124	124	142	DEAD	0	0	0	0
124	124	127	STERRA	17,85	1,19	17,89	3,816
124	124	126	STERRA	17,85	-2,89	18,08	-9,212
124	124	141	STERRA	21,24	-2,89	21,43	-7,762
124	124	142	STERRA	21,24	1,19	21,27	3,209
124	124	127	SACC	21,74	0,57	21,75	1,494
124	124	126	SACC	21,74	-3,76	22,06	-9,816
124	124	141	SACC	25,27	-3,76	25,55	-8,466
124	124	142	SACC	25,27	0,57	25,28	1,285
125	125	128	DEAD	0	0	0	0
125	125	127	DEAD	0	0	0	0
125	125	142	DEAD	0	0	0	0
125	125	143	DEAD	0	0	0	0
125	125	128	STERRA	24,89	10,71	27,09	23,293
125	125	127	STERRA	24,89	-3,16	25,09	-7,247
125	125	142	STERRA	47,22	-3,16	47,32	-3,834
125	125	143	STERRA	47,22	10,71	48,42	12,784
125	125	128	SACC	29,79	11,24	31,84	20,674
125	125	127	SACC	29,79	-4,26	30,09	-8,137
125	125	142	SACC	54,94	-4,26	55,1	-4,434
125	125	143	SACC	54,94	11,24	56,08	11,565
126	126	129	DEAD	0	0	0	0
126	126	128	DEAD	0	0	0	0
126	126	143	DEAD	0	0	0	0
126	126	144	DEAD	0	0	0	0
126	126	129	STERRA	99,73	93,6	136,78	43,184
126	126	128	STERRA	99,73	8,45	100,09	4,843
126	126	143	STERRA	64,22	8,45	64,78	7,496
126	126	144	STERRA	64,22	93,6	113,52	55,544
126	126	129	SACC	114,33	105,13	155,31	42,599
126	126	128	SACC	114,33	8,73	114,66	4,369
126	126	143	SACC	74,01	8,73	74,52	6,731
126	126	144	SACC	74,01	105,13	128,56	54,855

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
127	127	130	DEAD	0	0	0	0
127	127	129	DEAD	0	0	0	0
127	127	144	DEAD	0	0	0	0
127	127	145	DEAD	0	0	0	0
127	127	130	STERRA	-102,49	8,38	102,83	175,325
127	127	129	STERRA	-102,49	93,59	138,79	137,6
127	127	144	STERRA	-66,9	93,59	115,04	125,559
127	127	145	STERRA	-66,9	8,38	67,42	172,86
127	127	130	SACC	-115,28	8,52	115,59	175,774
127	127	129	SACC	-115,28	105,14	156,02	137,635
127	127	144	SACC	-74,98	105,14	129,13	125,495
127	127	145	SACC	-74,98	8,52	75,46	173,519
128	128	131	DEAD	0	0	0	0
128	128	130	DEAD	0	0	0	0
128	128	145	DEAD	0	0	0	0
128	128	146	DEAD	0	0	0	0
128	128	131	STERRA	-27,2	-3,11	27,38	-173,485
128	128	130	STERRA	-27,2	10,59	29,19	158,738
128	128	145	STERRA	-49,34	10,59	50,46	167,891
128	128	146	STERRA	-49,34	-3,11	49,44	-176,397
128	128	131	SACC	-30,44	-4,52	30,77	-171,546
128	128	130	SACC	-30,44	11,03	32,37	160,087
128	128	145	SACC	-55,52	11,03	56,61	168,769
128	128	146	SACC	-55,52	-4,52	55,71	-175,342
129	129	132	DEAD	0	0	0	0
129	129	131	DEAD	0	0	0	0
129	129	146	DEAD	0	0	0	0
129	129	147	DEAD	0	0	0	0
129	129	132	STERRA	-19,06	-2,76	19,25	-171,769
129	129	131	STERRA	-19,06	1,1	19,09	176,704
129	129	146	STERRA	-21,93	1,1	21,95	177,135
129	129	147	STERRA	-21,93	-2,76	22,1	-172,835
129	129	132	SACC	-21,61	-4,15	22,01	-169,143
129	129	131	SACC	-21,61	0,24	21,62	179,367
129	129	146	SACC	-24,85	0,24	24,85	179,45
129	129	147	SACC	-24,85	-4,15	25,19	-170,529
130	130	133	DEAD	0	0	0	0
130	130	132	DEAD	0	0	0	0
130	130	147	DEAD	0	0	0	0
130	130	148	DEAD	0	0	0	0
130	130	133	STERRA	-10,62	-3,56	11,2	-161,452
130	130	132	STERRA	-10,62	-1,74	10,76	-170,718
130	130	147	STERRA	-12,07	-1,74	12,2	-171,816
130	130	148	STERRA	-12,07	-3,56	12,59	-163,552
130	130	133	SACC	-12,35	-5,06	13,35	-157,7
130	130	132	SACC	-12,35	-3	12,71	-166,329
130	130	147	SACC	-13,95	-3	14,27	-167,85
130	130	148	SACC	-13,95	-5,06	14,84	-160,049
131	131	134	DEAD	0	0	0	0
131	131	133	DEAD	0	0	0	0
131	131	148	DEAD	0	0	0	0
131	131	149	DEAD	0	0	0	0
131	131	134	STERRA	-5,49	-3,54	6,53	-147,225
131	131	133	STERRA	-5,49	-3,1	6,31	-150,514
131	131	148	STERRA	-6	-3,1	6,76	-152,65
131	131	149	STERRA	-6	-3,54	6,97	-149,504
131	131	134	SACC	-6,68	-5	8,34	-143,188
131	131	133	SACC	-6,68	-4,56	8,09	-145,637
131	131	148	SACC	-7,16	-4,56	8,49	-147,476
131	131	149	SACC	-7,16	-5	8,73	-145,086
132	132	135	DEAD	0	0	0	0
132	132	134	DEAD	0	0	0	0
132	132	149	DEAD	0	0	0	0
132	132	150	DEAD	0	0	0	0
132	132	135	STERRA	-1,73	-2,93	3,4	-120,608
132	132	134	STERRA	-1,73	-3,33	3,76	-117,47
132	132	149	STERRA	-2,35	-3,33	4,08	-125,233
132	132	150	STERRA	-2,35	-2,93	3,76	-128,789

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

Area	AreaElem	Joint	OutputCase	V13	V23	VMax	VAngle
				KN/m	KN/m	KN/m	Degrees
132	132	135	SACC	-2,16	-4,19	4,71	-117,251
132	132	134	SACC	-2,16	-4,8	5,26	-114,194
132	132	149	SACC	-2,94	-4,8	5,63	-121,478
132	132	150	SACC	-2,94	-4,19	5,12	-125,066
133	133	136	DEAD	0	0	0	0
133	133	135	DEAD	0	0	0	0
133	133	150	DEAD	0	0	0	0
133	133	151	DEAD	0	0	0	0
133	133	136	STERRA	-1,14	-3,19	3,38	-109,661
133	133	135	STERRA	-1,14	-3,45	3,64	-108,24
133	133	150	STERRA	1,66	-3,45	3,83	-64,353
133	133	151	STERRA	1,66	-3,19	3,59	-62,502
133	133	136	SACC	-1,74	-4,72	5,03	-110,23
133	133	135	SACC	-1,74	-5,07	5,36	-108,939
133	133	150	SACC	2,89	-5,07	5,84	-60,271
133	133	151	SACC	2,89	-4,72	5,53	-58,479

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
1	GLOBAL	Cartesian	-3,372E-05	0	4,865E-05	No	-3,372E-05
2	GLOBAL	Cartesian	0,28568	0	0,03576	No	0,28568
3	GLOBAL	Cartesian	-3,372E-05	0	0,0394	No	-3,372E-05
4	GLOBAL	Cartesian	0,28932	0	0,0394	No	0,28932
5	GLOBAL	Cartesian	-3,372E-05	0	0,32875	No	-3,372E-05
6	GLOBAL	Cartesian	0,28932	0	0,32875	No	0,28932
7	GLOBAL	Cartesian	0,57867	0	0,32875	No	0,57867
8	GLOBAL	Cartesian	-3,372E-05	0	0,6181	No	-3,372E-05
9	GLOBAL	Cartesian	0,28932	0	0,6181	No	0,28932
10	GLOBAL	Cartesian	0,57867	0	0,6181	No	0,57867
11	GLOBAL	Cartesian	0,86802	0	0,6181	No	0,86802
12	GLOBAL	Cartesian	-3,372E-05	0	0,90745	No	-3,372E-05
13	GLOBAL	Cartesian	0,28932	0	0,90745	No	0,28932
14	GLOBAL	Cartesian	0,57867	0	0,90745	No	0,57867
15	GLOBAL	Cartesian	0,86802	0	0,90745	No	0,86802
16	GLOBAL	Cartesian	1,15737	0	0,90745	No	1,15737
17	GLOBAL	Cartesian	-3,372E-05	0	1,1968	No	-3,372E-05
18	GLOBAL	Cartesian	0,28932	0	1,1968	No	0,28932
19	GLOBAL	Cartesian	0,57867	0	1,1968	No	0,57867
20	GLOBAL	Cartesian	0,86802	0	1,1968	No	0,86802
21	GLOBAL	Cartesian	1,15737	0	1,1968	No	1,15737
22	GLOBAL	Cartesian	1,44672	0	1,1968	No	1,44672
23	GLOBAL	Cartesian	-3,372E-05	0	1,48615	No	-3,372E-05
24	GLOBAL	Cartesian	0,28932	0	1,48615	No	0,28932
25	GLOBAL	Cartesian	0,57867	0	1,48615	No	0,57867
26	GLOBAL	Cartesian	0,86802	0	1,48615	No	0,86802
27	GLOBAL	Cartesian	1,15737	0	1,48615	No	1,15737
28	GLOBAL	Cartesian	1,44672	0	1,48615	No	1,44672
29	GLOBAL	Cartesian	1,73607	0	1,48615	No	1,73607
30	GLOBAL	Cartesian	-3,372E-05	0	1,7755	No	-3,372E-05
31	GLOBAL	Cartesian	0,28932	0	1,7755	No	0,28932
32	GLOBAL	Cartesian	0,57867	0	1,7755	No	0,57867
33	GLOBAL	Cartesian	0,86802	0	1,7755	No	0,86802
34	GLOBAL	Cartesian	1,15737	0	1,7755	No	1,15737
35	GLOBAL	Cartesian	1,44672	0	1,7755	No	1,44672
36	GLOBAL	Cartesian	1,73607	0	1,7755	No	1,73607
37	GLOBAL	Cartesian	2,02542	0	1,7755	No	2,02542
38	GLOBAL	Cartesian	-3,372E-05	0	2,06485	No	-3,372E-05
39	GLOBAL	Cartesian	0,28932	0	2,06485	No	0,28932
40	GLOBAL	Cartesian	0,57867	0	2,06485	No	0,57867
41	GLOBAL	Cartesian	0,86802	0	2,06485	No	0,86802
42	GLOBAL	Cartesian	1,15737	0	2,06485	No	1,15737
43	GLOBAL	Cartesian	1,44672	0	2,06485	No	1,44672
44	GLOBAL	Cartesian	1,73607	0	2,06485	No	1,73607
45	GLOBAL	Cartesian	2,02542	0	2,06485	No	2,02542
46	GLOBAL	Cartesian	2,31477	0	2,06485	No	2,31477

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
47	GLOBAL	Cartesian	-3,372E-05	0	2,3542	No	-3,372E-05
48	GLOBAL	Cartesian	0,28932	0	2,3542	No	0,28932
49	GLOBAL	Cartesian	0,57867	0	2,3542	No	0,57867
50	GLOBAL	Cartesian	0,86802	0	2,3542	No	0,86802
51	GLOBAL	Cartesian	1,15737	0	2,3542	No	1,15737
52	GLOBAL	Cartesian	1,44672	0	2,3542	No	1,44672
53	GLOBAL	Cartesian	1,73607	0	2,3542	No	1,73607
54	GLOBAL	Cartesian	2,02542	0	2,3542	No	2,02542
55	GLOBAL	Cartesian	2,31477	0	2,3542	No	2,31477
56	GLOBAL	Cartesian	2,60412	0	2,3542	No	2,60412
57	GLOBAL	Cartesian	-3,372E-05	0	2,64355	No	-3,372E-05
58	GLOBAL	Cartesian	0,28932	0	2,64355	No	0,28932
59	GLOBAL	Cartesian	0,57867	0	2,64355	No	0,57867
60	GLOBAL	Cartesian	0,86802	0	2,64355	No	0,86802
61	GLOBAL	Cartesian	1,15737	0	2,64355	No	1,15737
62	GLOBAL	Cartesian	1,44672	0	2,64355	No	1,44672
63	GLOBAL	Cartesian	1,73607	0	2,64355	No	1,73607
64	GLOBAL	Cartesian	2,02542	0	2,64355	No	2,02542
65	GLOBAL	Cartesian	2,31477	0	2,64355	No	2,31477
66	GLOBAL	Cartesian	2,60412	0	2,64355	No	2,60412
67	GLOBAL	Cartesian	2,89347	0	2,64355	No	2,89347
68	GLOBAL	Cartesian	-3,372E-05	0	2,9329	No	-3,372E-05
69	GLOBAL	Cartesian	0,28932	0	2,9329	No	0,28932
70	GLOBAL	Cartesian	0,57867	0	2,9329	No	0,57867
71	GLOBAL	Cartesian	0,86802	0	2,9329	No	0,86802
72	GLOBAL	Cartesian	1,15737	0	2,9329	No	1,15737
73	GLOBAL	Cartesian	1,44672	0	2,9329	No	1,44672
74	GLOBAL	Cartesian	1,73607	0	2,9329	No	1,73607
75	GLOBAL	Cartesian	2,02542	0	2,9329	No	2,02542
76	GLOBAL	Cartesian	2,31477	0	2,9329	No	2,31477
77	GLOBAL	Cartesian	2,60412	0	2,9329	No	2,60412
78	GLOBAL	Cartesian	2,89347	0	2,9329	No	2,89347
79	GLOBAL	Cartesian	3,18282	0	2,9329	No	3,18282
80	GLOBAL	Cartesian	-3,372E-05	0	3,22225	No	-3,372E-05
81	GLOBAL	Cartesian	0,28932	0	3,22225	No	0,28932
82	GLOBAL	Cartesian	0,57867	0	3,22225	No	0,57867
83	GLOBAL	Cartesian	0,86802	0	3,22225	No	0,86802
84	GLOBAL	Cartesian	1,15737	0	3,22225	No	1,15737
85	GLOBAL	Cartesian	1,44672	0	3,22225	No	1,44672
86	GLOBAL	Cartesian	1,73607	0	3,22225	No	1,73607
87	GLOBAL	Cartesian	2,02542	0	3,22225	No	2,02542
88	GLOBAL	Cartesian	2,31477	0	3,22225	No	2,31477
89	GLOBAL	Cartesian	2,60412	0	3,22225	No	2,60412
90	GLOBAL	Cartesian	2,89347	0	3,22225	No	2,89347
91	GLOBAL	Cartesian	3,18282	0	3,22225	No	3,18282
92	GLOBAL	Cartesian	3,47217	0	3,22225	No	3,47217
93	GLOBAL	Cartesian	-3,372E-05	0	3,5116	No	-3,372E-05
94	GLOBAL	Cartesian	0,28932	0	3,5116	No	0,28932
95	GLOBAL	Cartesian	0,57867	0	3,5116	No	0,57867
96	GLOBAL	Cartesian	0,86802	0	3,5116	No	0,86802
97	GLOBAL	Cartesian	1,15737	0	3,5116	No	1,15737
98	GLOBAL	Cartesian	1,44672	0	3,5116	No	1,44672
99	GLOBAL	Cartesian	1,73607	0	3,5116	No	1,73607
100	GLOBAL	Cartesian	2,02542	0	3,5116	No	2,02542
101	GLOBAL	Cartesian	2,31477	0	3,5116	No	2,31477
102	GLOBAL	Cartesian	2,60412	0	3,5116	No	2,60412
103	GLOBAL	Cartesian	2,89347	0	3,5116	No	2,89347
104	GLOBAL	Cartesian	3,18282	0	3,5116	No	3,18282
105	GLOBAL	Cartesian	3,47217	0	3,5116	No	3,47217
106	GLOBAL	Cartesian	3,76152	0	3,5116	No	3,76152
107	GLOBAL	Cartesian	-3,372E-05	0	3,80095	No	-3,372E-05
108	GLOBAL	Cartesian	0,28932	0	3,80095	No	0,28932
109	GLOBAL	Cartesian	0,57867	0	3,80095	No	0,57867
110	GLOBAL	Cartesian	0,86802	0	3,80095	No	0,86802
111	GLOBAL	Cartesian	1,15737	0	3,80095	No	1,15737
112	GLOBAL	Cartesian	1,44672	0	3,80095	No	1,44672
113	GLOBAL	Cartesian	1,73607	0	3,80095	No	1,73607
114	GLOBAL	Cartesian	2,02542	0	3,80095	No	2,02542

Table: Joint Coordinates, Part 1 of 2

Joint	CoordSys	CoordType	XorR	Y	Z	SpecialJt	GlobalX
			m	m	m		m
115	GLOBAL	Cartesian	2,31477	0	3,80095	No	2,31477
116	GLOBAL	Cartesian	2,60412	0	3,80095	No	2,60412
117	GLOBAL	Cartesian	2,89347	0	3,80095	No	2,89347
118	GLOBAL	Cartesian	3,18282	0	3,80095	No	3,18282
119	GLOBAL	Cartesian	3,47217	0	3,80095	No	3,47217
120	GLOBAL	Cartesian	3,76152	0	3,80095	No	3,76152
121	GLOBAL	Cartesian	4,05087	0	3,80095	No	4,05087
122	GLOBAL	Cartesian	-3,372E-05	0	4,00095	No	-3,372E-05
123	GLOBAL	Cartesian	0,28932	0	4,00095	No	0,28932
124	GLOBAL	Cartesian	0,57867	0	4,00095	No	0,57867
125	GLOBAL	Cartesian	0,86802	0	4,00095	No	0,86802
126	GLOBAL	Cartesian	1,15737	0	4,00095	No	1,15737
127	GLOBAL	Cartesian	1,44672	0	4,00095	No	1,44672
128	GLOBAL	Cartesian	1,73607	0	4,00095	No	1,73607
129	GLOBAL	Cartesian	2,02542	0	4,00095	No	2,02542
130	GLOBAL	Cartesian	2,31477	0	4,00095	No	2,31477
131	GLOBAL	Cartesian	2,60412	0	4,00095	No	2,60412
132	GLOBAL	Cartesian	2,89347	0	4,00095	No	2,89347
133	GLOBAL	Cartesian	3,18282	0	4,00095	No	3,18282
134	GLOBAL	Cartesian	3,47217	0	4,00095	No	3,47217
135	GLOBAL	Cartesian	3,76152	0	4,00095	No	3,76152
136	GLOBAL	Cartesian	4,05087	0	4,00095	No	4,05087
137	GLOBAL	Cartesian	-3,372E-05	0	4,20095	No	-3,372E-05
138	GLOBAL	Cartesian	0,28932	0	4,20095	No	0,28932
139	GLOBAL	Cartesian	0,57867	0	4,20095	No	0,57867
140	GLOBAL	Cartesian	0,86802	0	4,20095	No	0,86802
141	GLOBAL	Cartesian	1,15737	0	4,20095	No	1,15737
142	GLOBAL	Cartesian	1,44672	0	4,20095	No	1,44672
143	GLOBAL	Cartesian	1,73607	0	4,20095	No	1,73607
144	GLOBAL	Cartesian	2,02542	0	4,20095	No	2,02542
145	GLOBAL	Cartesian	2,31477	0	4,20095	No	2,31477
146	GLOBAL	Cartesian	2,60412	0	4,20095	No	2,60412
147	GLOBAL	Cartesian	2,89347	0	4,20095	No	2,89347
148	GLOBAL	Cartesian	3,18282	0	4,20095	No	3,18282
149	GLOBAL	Cartesian	3,47217	0	4,20095	No	3,47217
150	GLOBAL	Cartesian	3,76152	0	4,20095	No	3,76152
151	GLOBAL	Cartesian	4,05087	0	4,20095	No	4,05087

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
1	0	4,865E-05	
2	0	0,03576	
3	0	0,0394	
4	0	0,0394	
5	0	0,32875	
6	0	0,32875	
7	0	0,32875	
8	0	0,6181	
9	0	0,6181	
10	0	0,6181	
11	0	0,6181	
12	0	0,90745	
13	0	0,90745	
14	0	0,90745	
15	0	0,90745	
16	0	0,90745	
17	0	1,1968	
18	0	1,1968	
19	0	1,1968	
20	0	1,1968	
21	0	1,1968	
22	0	1,1968	
23	0	1,48615	
24	0	1,48615	
25	0	1,48615	

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
26	0	1,48615	
27	0	1,48615	
28	0	1,48615	
29	0	1,48615	
30	0	1,7755	
31	0	1,7755	
32	0	1,7755	
33	0	1,7755	
34	0	1,7755	
35	0	1,7755	
36	0	1,7755	
37	0	1,7755	
38	0	2,06485	
39	0	2,06485	
40	0	2,06485	
41	0	2,06485	
42	0	2,06485	
43	0	2,06485	
44	0	2,06485	
45	0	2,06485	
46	0	2,06485	
47	0	2,3542	
48	0	2,3542	
49	0	2,3542	
50	0	2,3542	
51	0	2,3542	
52	0	2,3542	
53	0	2,3542	
54	0	2,3542	
55	0	2,3542	
56	0	2,3542	
57	0	2,64355	
58	0	2,64355	
59	0	2,64355	
60	0	2,64355	
61	0	2,64355	
62	0	2,64355	
63	0	2,64355	
64	0	2,64355	
65	0	2,64355	
66	0	2,64355	
67	0	2,64355	
68	0	2,9329	
69	0	2,9329	
70	0	2,9329	
71	0	2,9329	
72	0	2,9329	
73	0	2,9329	
74	0	2,9329	
75	0	2,9329	
76	0	2,9329	
77	0	2,9329	
78	0	2,9329	
79	0	2,9329	
80	0	3,22225	
81	0	3,22225	
82	0	3,22225	
83	0	3,22225	
84	0	3,22225	
85	0	3,22225	
86	0	3,22225	
87	0	3,22225	
88	0	3,22225	
89	0	3,22225	
90	0	3,22225	
91	0	3,22225	
92	0	3,22225	
93	0	3,5116	

Table: Joint Coordinates, Part 2 of 2

Joint	GlobalY	GlobalZ	GUID
	m	m	
94	0	3,5116	
95	0	3,5116	
96	0	3,5116	
97	0	3,5116	
98	0	3,5116	
99	0	3,5116	
100	0	3,5116	
101	0	3,5116	
102	0	3,5116	
103	0	3,5116	
104	0	3,5116	
105	0	3,5116	
106	0	3,5116	
107	0	3,80095	
108	0	3,80095	
109	0	3,80095	
110	0	3,80095	
111	0	3,80095	
112	0	3,80095	
113	0	3,80095	
114	0	3,80095	
115	0	3,80095	
116	0	3,80095	
117	0	3,80095	
118	0	3,80095	
119	0	3,80095	
120	0	3,80095	
121	0	3,80095	
122	0	4,00095	
123	0	4,00095	
124	0	4,00095	
125	0	4,00095	
126	0	4,00095	
127	0	4,00095	
128	0	4,00095	
129	0	4,00095	
130	0	4,00095	
131	0	4,00095	
132	0	4,00095	
133	0	4,00095	
134	0	4,00095	
135	0	4,00095	
136	0	4,00095	
137	0	4,20095	
138	0	4,20095	
139	0	4,20095	
140	0	4,20095	
141	0	4,20095	
142	0	4,20095	
143	0	4,20095	
144	0	4,20095	
145	0	4,20095	
146	0	4,20095	
147	0	4,20095	
148	0	4,20095	
149	0	4,20095	
150	0	4,20095	
151	0	4,20095	

Table: Joint Pattern Assignments

Table: Joint Pattern Assignments

Joint	Pattern	Value
136	sterra	11,490514
135	sterra	11,490514
150	sterra	9,490514
151	sterra	9,490514

Table: Joint Pattern Assignments

Joint	Pattern	Value
134	sterra	11,490514
149	sterra	9,490514
133	sterra	11,490514
148	sterra	9,490514
132	sterra	11,490514
147	sterra	9,490514
131	sterra	11,490514
146	sterra	9,490514
130	sterra	11,490514
145	sterra	9,490514
129	sterra	11,490514
144	sterra	9,490514
128	sterra	11,490514
143	sterra	9,490514
127	sterra	11,490514
142	sterra	9,490514
126	sterra	11,490514
141	sterra	9,490514
125	sterra	11,490514
140	sterra	9,490514
124	sterra	11,490514
139	sterra	9,490514
123	sterra	11,490514
138	sterra	9,490514
122	sterra	11,490514
137	sterra	9,490514
121	sterra	13,490514
120	sterra	13,490514
119	sterra	13,490514
118	sterra	13,490514
117	sterra	13,490514
116	sterra	13,490514
115	sterra	13,490514
114	sterra	13,490514
113	sterra	13,490514
112	sterra	13,490514
111	sterra	13,490514
110	sterra	13,490514
109	sterra	13,490514
108	sterra	13,490514
107	sterra	13,490514
106	sterra	16,384014
105	sterra	16,384014
104	sterra	16,384014
103	sterra	16,384014
102	sterra	16,384014
101	sterra	16,384014
100	sterra	16,384014
99	sterra	16,384014
98	sterra	16,384014
97	sterra	16,384014
96	sterra	16,384014
95	sterra	16,384014
94	sterra	16,384014
93	sterra	16,384014
92	sterra	19,277514
91	sterra	19,277514
90	sterra	19,277514
89	sterra	19,277514
88	sterra	19,277514
87	sterra	19,277514
86	sterra	19,277514
85	sterra	19,277514
84	sterra	19,277514
83	sterra	19,277514
82	sterra	19,277514
81	sterra	19,277514
80	sterra	19,277514

Table: Joint Pattern Assignments

Joint	Pattern	Value
79	sterra	22,171014
78	sterra	22,171014
77	sterra	22,171014
76	sterra	22,171014
75	sterra	22,171014
74	sterra	22,171014
73	sterra	22,171014
72	sterra	22,171014
71	sterra	22,171014
70	sterra	22,171014
69	sterra	22,171014
68	sterra	22,171014
67	sterra	25,064514
66	sterra	25,064514
65	sterra	25,064514
64	sterra	25,064514
63	sterra	25,064514
62	sterra	25,064514
61	sterra	25,064514
60	sterra	25,064514
59	sterra	25,064514
58	sterra	25,064514
57	sterra	25,064514
56	sterra	27,958014
55	sterra	27,958014
54	sterra	27,958014
53	sterra	27,958014
52	sterra	27,958014
51	sterra	27,958014
50	sterra	27,958014
49	sterra	27,958014
48	sterra	27,958014
47	sterra	27,958014
46	sterra	30,851514
45	sterra	30,851514
44	sterra	30,851514
43	sterra	30,851514
42	sterra	30,851514
41	sterra	30,851514
40	sterra	30,851514
39	sterra	30,851514
38	sterra	30,851514
37	sterra	33,745014
36	sterra	33,745014
35	sterra	33,745014
34	sterra	33,745014
33	sterra	33,745014
32	sterra	33,745014
31	sterra	33,745014
30	sterra	33,745014
29	sterra	36,638514
28	sterra	36,638514
27	sterra	36,638514
26	sterra	36,638514
25	sterra	36,638514
24	sterra	36,638514
23	sterra	36,638514
22	sterra	39,532014
21	sterra	39,532014
20	sterra	39,532014
19	sterra	39,532014
18	sterra	39,532014
17	sterra	39,532014
16	sterra	42,425514
15	sterra	42,425514
14	sterra	42,425514
13	sterra	42,425514
12	sterra	42,425514

Table: Joint Pattern Assignments

Joint	Pattern	Value
11	sterra	45,319014
10	sterra	45,319014
9	sterra	45,319014
8	sterra	45,319014
7	sterra	48,212514
6	sterra	48,212514
5	sterra	48,212514
4	sterra	51,106014
3	sterra	51,106014
1	sterra	51,499514
2	sterra	51,142371

Table: Joint Pattern Definitions

Table: Joint Pattern Definitions

Pattern
sterra

Table: Joint Reactions

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
1	DEAD	LinStatic	0,129	0	0,02	0	-4,332E-05	0
1	STERRA	LinStatic	0	-0,102	0	0,0153	0	-0,0116
1	SACC	LinStatic	0	-0,04	0	0,006	0	-0,0045
3	DEAD	LinStatic	6,293	0	3,721	0	-0,0519	0
3	STERRA	LinStatic	0	3,199	0	0,3183	0	-3,2202
3	SACC	LinStatic	0	3,379	0	0,1998	0	-1,9695
5	DEAD	LinStatic	7,577	0	5,931	0	-0,1272	0
5	STERRA	LinStatic	0	-13,924	0	0,0088	0	-8,3776
5	SACC	LinStatic	0	-6,927	0	0,0088	0	-5,2779
8	DEAD	LinStatic	6,898	0	6,762	0	-0,1367	0
8	STERRA	LinStatic	0	-15,352	0	0,0053	0	-10,694
8	SACC	LinStatic	0	-7,949	0	0,0027	0	-6,9436
12	DEAD	LinStatic	6,863	0	7,044	0	-0,1449	0
12	STERRA	LinStatic	0	-18,247	0	-0,0002626	0	-12,5199
12	SACC	LinStatic	0	-10,214	0	0,0003438	0	-8,3587
17	DEAD	LinStatic	6,525	0	7,181	0	-0,1471	0
17	STERRA	LinStatic	0	-19,818	0	0,0001012	0	-13,7244
17	SACC	LinStatic	0	-11,804	0	0,0004263	0	-9,4122
23	DEAD	LinStatic	5,848	0	7,247	0	-0,1505	0
23	STERRA	LinStatic	0	-20,354	0	-0,0005272	0	-14,264
23	SACC	LinStatic	0	-12,819	0	-6,141E-05	0	-10,0391
30	DEAD	LinStatic	4,851	0	7,231	0	-0,1503	0
30	STERRA	LinStatic	0	-20,025	0	-0,0003895	0	-14,1697
30	SACC	LinStatic	0	-13,294	0	5,395E-05	0	-10,2258
38	DEAD	LinStatic	3,552	0	7,172	0	-0,1503	0
38	STERRA	LinStatic	0	-18,993	0	-0,0003383	0	-13,4844
38	SACC	LinStatic	0	-13,286	0	6,888E-05	0	-9,969
47	DEAD	LinStatic	1,959	0	7,068	0	-0,1487	0
47	STERRA	LinStatic	0	-17,345	0	-0,0002818	0	-12,2466
47	SACC	LinStatic	0	-12,799	0	8,426E-05	0	-9,2631
57	DEAD	LinStatic	0,057	0	6,929	0	-0,1468	0
57	STERRA	LinStatic	0	-15,139	0	-0,0001844	0	-10,4882
57	SACC	LinStatic	0	-11,815	0	0,0001074	0	-8,0999
68	DEAD	LinStatic	-2,198	0	6,756	0	-0,1443	0
68	STERRA	LinStatic	0	-12,418	0	0,0001872	0	-8,2321
68	SACC	LinStatic	0	-10,314	0	0,0003478	0	-6,4686
80	DEAD	LinStatic	-4,923	0	6,54	0	-0,1417	0
80	STERRA	LinStatic	0	-9,192	0	0,0017	0	-5,4726
80	SACC	LinStatic	0	-8,254	0	0,0016	0	-4,3406
93	DEAD	LinStatic	-8,407	0	6,266	0	-0,1373	0
93	STERRA	LinStatic	0	-5,09	0	0,0063	0	-2,0955
93	SACC	LinStatic	0	-5,261	0	0,0053	0	-1,6039
107	DEAD	LinStatic	-10,76	0	5,078	0	-0,1191	0
107	STERRA	LinStatic	0	0,711	0	-0,0022	0	1,443

Table: Joint Reactions

Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
			KN	KN	KN	KN-m	KN-m	KN-m
107	SACC	LinStatic	0	-0,367	0	-0,0026	0	1,3347
122	DEAD	LinStatic	-13,576	0	3,529	0	-0,0922	0
122	STERRA	LinStatic	0	10,316	0	-0,0172	0	4,2255
122	SACC	LinStatic	0	8,033	0	-0,0156	0	3,676
129	DEAD	LinStatic	0	0	0	0	0	0
129	STERRA	LinStatic	0	-88,449	0	0	0	0
129	SACC	LinStatic	0	-100,235	0	0	0	0
137	DEAD	LinStatic	-10,687	0	3,386	0	-0,0406	0
137	STERRA	LinStatic	0	22,016	0	0,6197	0	3,2899
137	SACC	LinStatic	0	18,188	0	0,5336	0	2,8355

Table: Joint Restraint Assignments

Table: Joint Restraint Assignments

Joint	U1	U2	U3	R1	R2	R3
1	Yes	Yes	Yes	Yes	Yes	Yes
3	Yes	Yes	Yes	Yes	Yes	Yes
5	Yes	Yes	Yes	Yes	Yes	Yes
8	Yes	Yes	Yes	Yes	Yes	Yes
12	Yes	Yes	Yes	Yes	Yes	Yes
17	Yes	Yes	Yes	Yes	Yes	Yes
23	Yes	Yes	Yes	Yes	Yes	Yes
30	Yes	Yes	Yes	Yes	Yes	Yes
38	Yes	Yes	Yes	Yes	Yes	Yes
47	Yes	Yes	Yes	Yes	Yes	Yes
57	Yes	Yes	Yes	Yes	Yes	Yes
68	Yes	Yes	Yes	Yes	Yes	Yes
80	Yes	Yes	Yes	Yes	Yes	Yes
93	Yes	Yes	Yes	Yes	Yes	Yes
107	Yes	Yes	Yes	Yes	Yes	Yes
122	Yes	Yes	Yes	Yes	Yes	Yes
129	No	Yes	No	No	No	No
137	Yes	Yes	Yes	Yes	Yes	Yes

Table: Load Case Definitions, Part 1 of 3

Table: Load Case Definitions, Part 1 of 3

Case	Type	InitialCond	ModalCase	BaseCase	MassSource	DesTypeOpt	DesignType
DEAD	LinStatic	Zero				Prog Det	Dead
MODAL	LinModal	Zero				Prog Det	Other
STERRA	LinStatic	Zero				Prog Det	Live
SACC	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
DEAD	Prog Det	Non-Composite	None	Yes	Finished	
MODAL	Prog Det	Other	None	Yes	Finished	
STERRA	Prog Det	Short-Term Composite	None	Yes	Finished	
SACC	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
DEAD	
MODAL	
STERRA	
SACC	

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
DEAD	Dead	1			
STERRA	Live	0			
SACC	Live	0			

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

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

Material	Fc	eFc	LtWtConc	SSCurveOpt	SSHysType	SFc	SCap	FinalSlope
	KN/m2	KN/m2						
C35/45	35000	35000	No	Mander	Takeda	0,002059	0,005	-0,1

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

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

Material	FAngle	DAngle
	Degrees	Degrees
C35/45	0	0