

COMMITTENTE:



ALTA SORVEGLIANZA:



GENERAL CONTRACTOR:



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

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

PROGETTO ESECUTIVO

RI87-RILEVATO COLL. QBSE-AV/AC DA PK 107+684,000 A PK 109+134,000

TOMBINI 2.00x2.00

ALLEGATO ALLA RELAZIONE DI CALCOLO – TABULATI DI CALCOLO

| | |
|---|--|
| GENERAL CONTRACTOR | DIRETTORE LAVORI |
| Consorzio Cepav due Data: <u>29 MAG 2020</u> | Consorzio Cepav due Il Direttore del Consorzio (Ing. T. Toranta) |

| COMMESSA | LOTTO | FASE | ENTE | TIPODOC | OPERA/DISCIPLINA | PROGR | REV |
|----------|-------|------|------|---------|------------------|-------|-----|
| I N O R | 1 2 | E | E 2 | C L | R I 8 7 0 4 | 0 0 2 | A |

| PROGETTAZIONE | | | | | |
|---------------|-------------|---------|----------|------------|----------|
| Rev. | Descrizione | Redatto | Data | Verificato | Data |
| A | Emissione | GUIARTE | 22/07/19 | AIELLO | 22/07/19 |
| B | | | | | |
| C | | | | | |



CIG. 751447334A File: IN0R12EE2CLR18704002A_10.docx



Progetto cofinanziato dalla Unione Europea

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

CUP: F81H9100000008

GENERAL CONTRACTOR

Cepav due 

ALTA SORVEGLIANZA


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GRUPPO FERROVIE DELLO STATO ITALIANE

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ALLEGATO 1

| | |
|---------------------------|---|
| TITOLO | Tabulati di calcolo – 2.00x2.00 – $H_{ric} = 1.10m$ |
| TIPO DI DOCUMENTO: | Documento – Formato A4 |
| CODIFICA: | - |
| PAGINE: | 135 |
| DATA: | 22/07/2019 |
| SORGENTE: | Cepav due |
| NOTE: | |

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Table: Case - Static 1 - Load Assignments

Table: Case - Static 1 - Load Assignments

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

Table: Connectivity - Frame, Part 1 of 2

Table: Connectivity - Frame, Part 1 of 2

| Frame | JointI | JointJ | IsCurved | Length | CentroidX | CentroidY | CentroidZ |
|-------|--------|--------|----------|--------|-----------|-----------|-----------|
| | | | | m | m | m | m |
| 1 | 1 | 2 | No | 0,0875 | 0,04375 | 0 | 0 |
| 2 | 2 | 3 | No | 0,0875 | 0,13125 | 0 | 0 |
| 3 | 3 | 4 | No | 0,1 | 0,225 | 0 | 0 |
| 4 | 4 | 5 | No | 0,1 | 0,325 | 0 | 0 |
| 5 | 5 | 6 | No | 0,1 | 0,425 | 0 | 0 |
| 6 | 6 | 7 | No | 0,1 | 0,525 | 0 | 0 |
| 7 | 7 | 8 | No | 0,1 | 0,625 | 0 | 0 |
| 8 | 8 | 9 | No | 0,1 | 0,725 | 0 | 0 |
| 9 | 9 | 10 | No | 0,1 | 0,825 | 0 | 0 |
| 10 | 10 | 11 | No | 0,1 | 0,925 | 0 | 0 |
| 11 | 11 | 12 | No | 0,1 | 1,025 | 0 | 0 |
| 12 | 12 | 13 | No | 0,1 | 1,125 | 0 | 0 |
| 13 | 13 | 14 | No | 0,1 | 1,225 | 0 | 0 |
| 14 | 14 | 15 | No | 0,1 | 1,325 | 0 | 0 |
| 15 | 15 | 16 | No | 0,1 | 1,425 | 0 | 0 |
| 16 | 16 | 17 | No | 0,1 | 1,525 | 0 | 0 |
| 17 | 17 | 18 | No | 0,1 | 1,625 | 0 | 0 |
| 18 | 18 | 19 | No | 0,1 | 1,725 | 0 | 0 |
| 19 | 19 | 20 | No | 0,1 | 1,825 | 0 | 0 |
| 20 | 20 | 21 | No | 0,1 | 1,925 | 0 | 0 |
| 21 | 21 | 22 | No | 0,1 | 2,025 | 0 | 0 |
| 22 | 22 | 23 | No | 0,1 | 2,125 | 0 | 0 |
| 23 | 23 | 24 | No | 0,0875 | 2,21875 | 0 | 0 |
| 24 | 24 | 25 | No | 0,0875 | 2,30625 | 0 | 0 |
| 25 | 1 | 26 | No | 0,0875 | 0 | 0 | 0,04375 |
| 26 | 25 | 27 | No | 0,0875 | 2,35 | 0 | 0,04375 |
| 27 | 26 | 28 | No | 0,0875 | 0 | 0 | 0,13125 |
| 28 | 27 | 29 | No | 0,0875 | 2,35 | 0 | 0,13125 |
| 29 | 28 | 30 | No | 0,5 | 0 | 0 | 0,425 |
| 30 | 29 | 31 | No | 0,5 | 2,35 | 0 | 0,425 |
| 31 | 30 | 32 | No | 0,5 | 0 | 0 | 0,925 |
| 32 | 31 | 33 | No | 0,5 | 2,35 | 0 | 0,925 |
| 33 | 32 | 34 | No | 0,5 | 0 | 0 | 1,425 |
| 34 | 33 | 35 | No | 0,5 | 2,35 | 0 | 1,425 |
| 35 | 34 | 36 | No | 0,5 | 0 | 0 | 1,925 |



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Table: Connectivity - Frame, Part 1 of 2

| Frame | JointI | JointJ | IsCurved | Length m | CentroidX m | CentroidY m | CentroidZ m |
|-------|--------|--------|----------|-------------|----------------|----------------|----------------|
| 36 | 35 | 37 | No | 0,5 | 2,35 | 0 | 1,925 |
| 37 | 36 | 38 | No | 0,0875 | 0 | 0 | 2,21875 |
| 38 | 37 | 39 | No | 0,0875 | 2,35 | 0 | 2,21875 |
| 39 | 38 | 40 | No | 0,0875 | 0 | 0 | 2,30625 |
| 40 | 39 | 47 | No | 0,0875 | 2,35 | 0 | 2,30625 |
| 41 | 40 | 41 | No | 0,0875 | 0,04375 | 0 | 2,35 |
| 42 | 41 | 42 | No | 0,0875 | 0,13125 | 0 | 2,35 |
| 43 | 42 | 43 | No | 0,66667 | 0,50833 | 0 | 2,35 |
| 44 | 43 | 44 | No | 0,66667 | 1,175 | 0 | 2,35 |
| 45 | 44 | 45 | No | 0,66667 | 1,84167 | 0 | 2,35 |
| 46 | 45 | 46 | No | 0,0875 | 2,21875 | 0 | 2,35 |
| 47 | 46 | 47 | No | 0,0875 | 2,30625 | 0 | 2,35 |

Table: Connectivity - Frame, Part 2 of 2

Table: Connectivity - Frame, Part 2 of 2

| Frame | GUID |
|-------|------|
| 1 | |
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Table: Element Forces - Frames, Part 1 of 2

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|-----------|----------|-----------|------------|
| 1 | 0 | PP | LinStatic | -2,542 | 29,297 | 0 | 0 | 0 |
| 1 | 0,0875 | PP | LinStatic | -2,542 | 30,062 | 0 | 0 | 0 |
| 1 | 0 | REINTSUP | LinStatic | -0,009961 | 8,143 | 0 | 0 | 0 |
| 1 | 0,0875 | REINTSUP | LinStatic | -0,009961 | 8,143 | 0 | 0 | 0 |
| 1 | 0 | BALLAST | LinStatic | -0,022 | 18,095 | 0 | 0 | 0 |
| 1 | 0,0875 | BALLAST | LinStatic | -0,022 | 18,095 | 0 | 0 | 0 |
| 1 | 0 | STERRASX | LinStatic | -37,942 | -5,507 | 0 | 0 | 0 |
| 1 | 0,0875 | STERRASX | LinStatic | -37,942 | -5,507 | 0 | 0 | 0 |
| 1 | 0 | STERRADX | LinStatic | 9,334 | 5,511 | 0 | 0 | 0 |
| 1 | 0,0875 | STERRADX | LinStatic | 9,334 | 5,511 | 0 | 0 | 0 |
| 1 | 0 | TERMP | LinStatic | 1,521 | -0,001583 | 0 | 0 | 0 |
| 1 | 0,0875 | TERMP | LinStatic | 1,521 | -0,001583 | 0 | 0 | 0 |
| 1 | 0 | TERMN | LinStatic | -4,563 | 0,00475 | 0 | 0 | 0 |
| 1 | 0,0875 | TERMN | LinStatic | -4,563 | 0,00475 | 0 | 0 | 0 |
| 1 | 0 | GRADTP | LinStatic | -5,139 | 0,001696 | 0 | 0 | 0 |
| 1 | 0,0875 | GRADTP | LinStatic | -5,139 | 0,001696 | 0 | 0 | 0 |
| 1 | 0 | GRADTN | LinStatic | 5,139 | -0,001696 | 0 | 0 | 0 |
| 1 | 0,0875 | GRADTN | LinStatic | 5,139 | -0,001696 | 0 | 0 | 0 |
| 1 | 0 | LM71C | LinStatic | -0,096 | 78,679 | 0 | 0 | 0 |
| 1 | 0,0875 | LM71C | LinStatic | -0,096 | 78,679 | 0 | 0 | 0 |
| 1 | 0 | STLM71 | LinStatic | -42,465 | -8,429 | 0 | 0 | 0 |
| 1 | 0,0875 | STLM71 | LinStatic | -42,465 | -8,429 | 0 | 0 | 0 |
| 1 | 0 | AVVLM71 | LinStatic | -12,998 | -11,132 | 0 | 0 | 0 |
| 1 | 0,0875 | AVVLM71 | LinStatic | -12,998 | -11,132 | 0 | 0 | 0 |
| 1 | 0 | SW2 | LinStatic | -0,075 | 61,693 | 0 | 0 | 0 |
| 1 | 0,0875 | SW2 | LinStatic | -0,075 | 61,693 | 0 | 0 | 0 |
| 1 | 0 | STSW2 | LinStatic | -33,292 | -6,608 | 0 | 0 | 0 |
| 1 | 0,0875 | STSW2 | LinStatic | -33,292 | -6,608 | 0 | 0 | 0 |
| 1 | 0 | FRENSW2 | LinStatic | -13,79 | -11,81 | 0 | 0 | 0 |
| 1 | 0,0875 | FRENSW2 | LinStatic | -13,79 | -11,81 | 0 | 0 | 0 |
| 1 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 1 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 1 | 0 | INCRTER | LinStatic | -37,878 | -7,519 | 0 | 0 | 0 |
| 1 | 0,0875 | INCRTER | LinStatic | -37,878 | -7,519 | 0 | 0 | 0 |
| 1 | 0 | LM71SISO | LinStatic | -4,887 | -4,185 | 0 | 0 | 0 |
| 1 | 0,0875 | LM71SISO | LinStatic | -4,887 | -4,185 | 0 | 0 | 0 |
| 1 | 0 | SW2SISO | LinStatic | -3,824 | -3,275 | 0 | 0 | 0 |
| 1 | 0,0875 | SW2SISO | LinStatic | -3,824 | -3,275 | 0 | 0 | 0 |
| 1 | 0 | SISMAO | LinStatic | -15,102 | -9,971 | 0 | 0 | 0 |
| 1 | 0,0875 | SISMAO | LinStatic | -15,102 | -9,971 | 0 | 0 | 0 |
| 1 | 0 | LM71SVA | LinStatic | 0,002864 | -2,341 | 0 | 0 | 0 |
| 1 | 0,0875 | LM71SVA | LinStatic | 0,002864 | -2,341 | 0 | 0 | 0 |
| 1 | 0 | SW2SVA | LinStatic | 0,002255 | -1,843 | 0 | 0 | 0 |
| 1 | 0,0875 | SW2SVA | LinStatic | 0,002255 | -1,843 | 0 | 0 | 0 |
| 1 | 0 | SISMAVA | LinStatic | 0,383 | -8,324 | 0 | 0 | 0 |
| 1 | 0,0875 | SISMAVA | LinStatic | 0,383 | -8,324 | 0 | 0 | 0 |
| 1 | 0 | LM71SVB | LinStatic | -0,002864 | 2,341 | 0 | 0 | 0 |
| 1 | 0,0875 | LM71SVB | LinStatic | -0,002864 | 2,341 | 0 | 0 | 0 |
| 1 | 0 | SW2SVB | LinStatic | -0,002255 | 1,843 | 0 | 0 | 0 |
| 1 | 0,0875 | SW2SVB | LinStatic | -0,002255 | 1,843 | 0 | 0 | 0 |
| 1 | 0 | SISMAVB | LinStatic | -0,383 | 8,324 | 0 | 0 | 0 |
| 1 | 0,0875 | SISMAVB | LinStatic | -0,383 | 8,324 | 0 | 0 | 0 |
| 2 | 0 | PP | LinStatic | -2,542 | 26,988 | 0 | 0 | 0 |
| 2 | 0,0875 | PP | LinStatic | -2,542 | 27,754 | 0 | 0 | 0 |
| 2 | 0 | REINTSUP | LinStatic | -0,009961 | 7,509 | 0 | 0 | 0 |
| 2 | 0,0875 | REINTSUP | LinStatic | -0,009961 | 7,509 | 0 | 0 | 0 |
| 2 | 0 | BALLAST | LinStatic | -0,022 | 16,687 | 0 | 0 | 0 |
| 2 | 0,0875 | BALLAST | LinStatic | -0,022 | 16,687 | 0 | 0 | 0 |
| 2 | 0 | STERRASX | LinStatic | -36,113 | -1,248 | 0 | 0 | 0 |
| 2 | 0,0875 | STERRASX | LinStatic | -36,113 | -1,248 | 0 | 0 | 0 |
| 2 | 0 | STERRADX | LinStatic | 7,505 | 1,259 | 0 | 0 | 0 |
| 2 | 0,0875 | STERRADX | LinStatic | 7,505 | 1,259 | 0 | 0 | 0 |
| 2 | 0 | TERMP | LinStatic | 1,521 | -0,004067 | 0 | 0 | 0 |
| 2 | 0,0875 | TERMP | LinStatic | 1,521 | -0,004067 | 0 | 0 | 0 |
| 2 | 0 | TERMN | LinStatic | -4,563 | 0,012 | 0 | 0 | 0 |
| 2 | 0,0875 | TERMN | LinStatic | -4,563 | 0,012 | 0 | 0 | 0 |
| 2 | 0 | GRADTP | LinStatic | -5,139 | 0,004356 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|-----------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 2 | 0,0875 | GRADTP | LinStatic | -5,139 | 0,004356 | 0 | 0 | 0 |
| 2 | 0 | GRADTN | LinStatic | 5,139 | -0,004356 | 0 | 0 | 0 |
| 2 | 0,0875 | GRADTN | LinStatic | 5,139 | -0,004356 | 0 | 0 | 0 |
| 2 | 0 | LM71C | LinStatic | -0,096 | 72,556 | 0 | 0 | 0 |
| 2 | 0,0875 | LM71C | LinStatic | -0,096 | 72,556 | 0 | 0 | 0 |
| 2 | 0 | STLM71 | LinStatic | -40,302 | -2,433 | 0 | 0 | 0 |
| 2 | 0,0875 | STLM71 | LinStatic | -40,302 | -2,433 | 0 | 0 | 0 |
| 2 | 0 | AVVLM71 | LinStatic | -11,993 | -5,562 | 0 | 0 | 0 |
| 2 | 0,0875 | AVVLM71 | LinStatic | -11,993 | -5,562 | 0 | 0 | 0 |
| 2 | 0 | SW2 | LinStatic | -0,075 | 56,892 | 0 | 0 | 0 |
| 2 | 0,0875 | SW2 | LinStatic | -0,075 | 56,892 | 0 | 0 | 0 |
| 2 | 0 | STSW2 | LinStatic | -31,596 | -1,908 | 0 | 0 | 0 |
| 2 | 0,0875 | STSW2 | LinStatic | -31,596 | -1,908 | 0 | 0 | 0 |
| 2 | 0 | FRENSW2 | LinStatic | -12,723 | -5,901 | 0 | 0 | 0 |
| 2 | 0,0875 | FRENSW2 | LinStatic | -12,723 | -5,901 | 0 | 0 | 0 |
| 2 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 2 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | INCRTER | LinStatic | -35,949 | -2,171 | 0 | 0 | 0 |
| 2 | 0,0875 | INCRTER | LinStatic | -35,949 | -2,171 | 0 | 0 | 0 |
| 2 | 0 | LM71SISO | LinStatic | -4,509 | -2,091 | 0 | 0 | 0 |
| 2 | 0,0875 | LM71SISO | LinStatic | -4,509 | -2,091 | 0 | 0 | 0 |
| 2 | 0 | SW2SISO | LinStatic | -3,528 | -1,636 | 0 | 0 | 0 |
| 2 | 0,0875 | SW2SISO | LinStatic | -3,528 | -1,636 | 0 | 0 | 0 |
| 2 | 0 | SISMAO | LinStatic | -13,934 | -4,644 | 0 | 0 | 0 |
| 2 | 0,0875 | SISMAO | LinStatic | -13,934 | -4,644 | 0 | 0 | 0 |
| 2 | 0 | LM71SVA | LinStatic | 0,002864 | -2,159 | 0 | 0 | 0 |
| 2 | 0,0875 | LM71SVA | LinStatic | 0,002864 | -2,159 | 0 | 0 | 0 |
| 2 | 0 | SW2SVA | LinStatic | 0,002255 | -1,7 | 0 | 0 | 0 |
| 2 | 0,0875 | SW2SVA | LinStatic | 0,002255 | -1,7 | 0 | 0 | 0 |
| 2 | 0 | SISMAVA | LinStatic | 0,383 | -7,676 | 0 | 0 | 0 |
| 2 | 0,0875 | SISMAVA | LinStatic | 0,383 | -7,676 | 0 | 0 | 0 |
| 2 | 0 | LM71SVB | LinStatic | -0,002864 | 2,159 | 0 | 0 | 0 |
| 2 | 0,0875 | LM71SVB | LinStatic | -0,002864 | 2,159 | 0 | 0 | 0 |
| 2 | 0 | SW2SVB | LinStatic | -0,002255 | 1,7 | 0 | 0 | 0 |
| 2 | 0,0875 | SW2SVB | LinStatic | -0,002255 | 1,7 | 0 | 0 | 0 |
| 2 | 0 | SISMAVB | LinStatic | -0,383 | 7,676 | 0 | 0 | 0 |
| 2 | 0,0875 | SISMAVB | LinStatic | -0,383 | 7,676 | 0 | 0 | 0 |
| 3 | 0 | PP | LinStatic | -2,542 | 24,463 | 0 | 0 | 0 |
| 3 | 0,1 | PP | LinStatic | -2,542 | 25,338 | 0 | 0 | 0 |
| 3 | 0 | REINTSUP | LinStatic | -0,009961 | 6,831 | 0 | 0 | 0 |
| 3 | 0,1 | REINTSUP | LinStatic | -0,009961 | 6,831 | 0 | 0 | 0 |
| 3 | 0 | BALLAST | LinStatic | -0,022 | 15,18 | 0 | 0 | 0 |
| 3 | 0,1 | BALLAST | LinStatic | -0,022 | 15,18 | 0 | 0 | 0 |
| 3 | 0 | STERRASX | LinStatic | -34,154 | 2,945 | 0 | 0 | 0 |
| 3 | 0,1 | STERRASX | LinStatic | -34,154 | 2,945 | 0 | 0 | 0 |
| 3 | 0 | STERRADX | LinStatic | 5,547 | -2,928 | 0 | 0 | 0 |
| 3 | 0,1 | STERRADX | LinStatic | 5,547 | -2,928 | 0 | 0 | 0 |
| 3 | 0 | TERMP | LinStatic | 1,521 | -0,006053 | 0 | 0 | 0 |
| 3 | 0,1 | TERMP | LinStatic | 1,521 | -0,006053 | 0 | 0 | 0 |
| 3 | 0 | TERMN | LinStatic | -4,563 | 0,018 | 0 | 0 | 0 |
| 3 | 0,1 | TERMN | LinStatic | -4,563 | 0,018 | 0 | 0 | 0 |
| 3 | 0 | GRADTP | LinStatic | -5,139 | 0,006484 | 0 | 0 | 0 |
| 3 | 0,1 | GRADTP | LinStatic | -5,139 | 0,006484 | 0 | 0 | 0 |
| 3 | 0 | GRADTN | LinStatic | 5,139 | -0,006484 | 0 | 0 | 0 |
| 3 | 0,1 | GRADTN | LinStatic | 5,139 | -0,006484 | 0 | 0 | 0 |
| 3 | 0 | LM71C | LinStatic | -0,096 | 66,004 | 0 | 0 | 0 |
| 3 | 0,1 | LM71C | LinStatic | -0,096 | 66,004 | 0 | 0 | 0 |
| 3 | 0 | STLM71 | LinStatic | -37,984 | 3,47 | 0 | 0 | 0 |
| 3 | 0,1 | STLM71 | LinStatic | -37,984 | 3,47 | 0 | 0 | 0 |
| 3 | 0 | AVVLM71 | LinStatic | -10,915 | -0,078 | 0 | 0 | 0 |
| 3 | 0,1 | AVVLM71 | LinStatic | -10,915 | -0,078 | 0 | 0 | 0 |
| 3 | 0 | SW2 | LinStatic | -0,075 | 51,754 | 0 | 0 | 0 |
| 3 | 0,1 | SW2 | LinStatic | -0,075 | 51,754 | 0 | 0 | 0 |
| 3 | 0 | STSW2 | LinStatic | -29,779 | 2,72 | 0 | 0 | 0 |
| 3 | 0,1 | STSW2 | LinStatic | -29,779 | 2,72 | 0 | 0 | 0 |
| 3 | 0 | FRENSW2 | LinStatic | -11,58 | -0,083 | 0 | 0 | 0 |
| 3 | 0,1 | FRENSW2 | LinStatic | -11,58 | -0,083 | 0 | 0 | 0 |
| 3 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|-----------|----------|-----------|------------|
| 3 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 3 | 0 | INCRTER | LinStatic | -33,882 | 3,095 | 0 | 0 | 0 |
| 3 | 0,1 | INCRTER | LinStatic | -33,882 | 3,095 | 0 | 0 | 0 |
| 3 | 0 | LM71SISO | LinStatic | -4,104 | -0,029 | 0 | 0 | 0 |
| 3 | 0,1 | LM71SISO | LinStatic | -4,104 | -0,029 | 0 | 0 | 0 |
| 3 | 0 | SW2SISO | LinStatic | -3,211 | -0,023 | 0 | 0 | 0 |
| 3 | 0,1 | SW2SISO | LinStatic | -3,211 | -0,023 | 0 | 0 | 0 |
| 3 | 0 | SISMAO | LinStatic | -12,682 | 0,602 | 0 | 0 | 0 |
| 3 | 0,1 | SISMAO | LinStatic | -12,682 | 0,602 | 0 | 0 | 0 |
| 3 | 0 | LM71SVA | LinStatic | 0,002864 | -1,964 | 0 | 0 | 0 |
| 3 | 0,1 | LM71SVA | LinStatic | 0,002864 | -1,964 | 0 | 0 | 0 |
| 3 | 0 | SW2SVA | LinStatic | 0,002255 | -1,546 | 0 | 0 | 0 |
| 3 | 0,1 | SW2SVA | LinStatic | 0,002255 | -1,546 | 0 | 0 | 0 |
| 3 | 0 | SISMAVA | LinStatic | 0,383 | -6,983 | 0 | 0 | 0 |
| 3 | 0,1 | SISMAVA | LinStatic | 0,383 | -6,983 | 0 | 0 | 0 |
| 3 | 0 | LM71SVB | LinStatic | -0,002864 | 1,964 | 0 | 0 | 0 |
| 3 | 0,1 | LM71SVB | LinStatic | -0,002864 | 1,964 | 0 | 0 | 0 |
| 3 | 0 | SW2SVB | LinStatic | -0,002255 | 1,546 | 0 | 0 | 0 |
| 3 | 0,1 | SW2SVB | LinStatic | -0,002255 | 1,546 | 0 | 0 | 0 |
| 3 | 0 | SISMAVB | LinStatic | -0,383 | 6,983 | 0 | 0 | 0 |
| 3 | 0,1 | SISMAVB | LinStatic | -0,383 | 6,983 | 0 | 0 | 0 |
| 4 | 0 | PP | LinStatic | -2,542 | 21,831 | 0 | 0 | 0 |
| 4 | 0,1 | PP | LinStatic | -2,542 | 22,705 | 0 | 0 | 0 |
| 4 | 0 | REINTSUP | LinStatic | -0,009961 | 6,109 | 0 | 0 | 0 |
| 4 | 0,1 | REINTSUP | LinStatic | -0,009961 | 6,109 | 0 | 0 | 0 |
| 4 | 0 | BALLAST | LinStatic | -0,022 | 13,575 | 0 | 0 | 0 |
| 4 | 0,1 | BALLAST | LinStatic | -0,022 | 13,575 | 0 | 0 | 0 |
| 4 | 0 | STERRASX | LinStatic | -32,065 | 6,966 | 0 | 0 | 0 |
| 4 | 0,1 | STERRASX | LinStatic | -32,065 | 6,966 | 0 | 0 | 0 |
| 4 | 0 | STERRADX | LinStatic | 3,457 | -6,945 | 0 | 0 | 0 |
| 4 | 0,1 | STERRADX | LinStatic | 3,457 | -6,945 | 0 | 0 | 0 |
| 4 | 0 | TERMP | LinStatic | 1,521 | -0,007424 | 0 | 0 | 0 |
| 4 | 0,1 | TERMP | LinStatic | 1,521 | -0,007424 | 0 | 0 | 0 |
| 4 | 0 | TERMN | LinStatic | -4,563 | 0,022 | 0 | 0 | 0 |
| 4 | 0,1 | TERMN | LinStatic | -4,563 | 0,022 | 0 | 0 | 0 |
| 4 | 0 | GRADTP | LinStatic | -5,139 | 0,007951 | 0 | 0 | 0 |
| 4 | 0,1 | GRADTP | LinStatic | -5,139 | 0,007951 | 0 | 0 | 0 |
| 4 | 0 | GRADTN | LinStatic | 5,139 | -0,007951 | 0 | 0 | 0 |
| 4 | 0,1 | GRADTN | LinStatic | 5,139 | -0,007951 | 0 | 0 | 0 |
| 4 | 0 | LM71C | LinStatic | -0,096 | 59,024 | 0 | 0 | 0 |
| 4 | 0,1 | LM71C | LinStatic | -0,096 | 59,024 | 0 | 0 | 0 |
| 4 | 0 | STLM71 | LinStatic | -35,512 | 9,132 | 0 | 0 | 0 |
| 4 | 0,1 | STLM71 | LinStatic | -35,512 | 9,132 | 0 | 0 | 0 |
| 4 | 0 | AVVLM71 | LinStatic | -9,766 | 5,184 | 0 | 0 | 0 |
| 4 | 0,1 | AVVLM71 | LinStatic | -9,766 | 5,184 | 0 | 0 | 0 |
| 4 | 0 | SW2 | LinStatic | -0,075 | 46,281 | 0 | 0 | 0 |
| 4 | 0,1 | SW2 | LinStatic | -0,075 | 46,281 | 0 | 0 | 0 |
| 4 | 0 | STSW2 | LinStatic | -27,841 | 7,159 | 0 | 0 | 0 |
| 4 | 0,1 | STSW2 | LinStatic | -27,841 | 7,159 | 0 | 0 | 0 |
| 4 | 0 | FRENSW2 | LinStatic | -10,361 | 5,5 | 0 | 0 | 0 |
| 4 | 0,1 | FRENSW2 | LinStatic | -10,361 | 5,5 | 0 | 0 | 0 |
| 4 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 4 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 4 | 0 | INCRTER | LinStatic | -31,677 | 8,146 | 0 | 0 | 0 |
| 4 | 0,1 | INCRTER | LinStatic | -31,677 | 8,146 | 0 | 0 | 0 |
| 4 | 0 | LM71SISO | LinStatic | -3,672 | 1,949 | 0 | 0 | 0 |
| 4 | 0,1 | LM71SISO | LinStatic | -3,672 | 1,949 | 0 | 0 | 0 |
| 4 | 0 | SW2SISO | LinStatic | -2,873 | 1,525 | 0 | 0 | 0 |
| 4 | 0,1 | SW2SISO | LinStatic | -2,873 | 1,525 | 0 | 0 | 0 |
| 4 | 0 | SISMAO | LinStatic | -11,347 | 5,635 | 0 | 0 | 0 |
| 4 | 0,1 | SISMAO | LinStatic | -11,347 | 5,635 | 0 | 0 | 0 |
| 4 | 0 | LM71SVA | LinStatic | 0,002864 | -1,756 | 0 | 0 | 0 |
| 4 | 0,1 | LM71SVA | LinStatic | 0,002864 | -1,756 | 0 | 0 | 0 |
| 4 | 0 | SW2SVA | LinStatic | 0,002255 | -1,383 | 0 | 0 | 0 |
| 4 | 0,1 | SW2SVA | LinStatic | 0,002255 | -1,383 | 0 | 0 | 0 |
| 4 | 0 | SISMAVA | LinStatic | 0,383 | -6,245 | 0 | 0 | 0 |
| 4 | 0,1 | SISMAVA | LinStatic | 0,383 | -6,245 | 0 | 0 | 0 |
| 4 | 0 | LM71SVB | LinStatic | -0,002864 | 1,756 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|-----------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 4 | 0,1 | LM71SVB | LinStatic | -0,002864 | 1,756 | 0 | 0 | 0 |
| 4 | 0 | SW2SVB | LinStatic | -0,002255 | 1,383 | 0 | 0 | 0 |
| 4 | 0,1 | SW2SVB | LinStatic | -0,002255 | 1,383 | 0 | 0 | 0 |
| 4 | 0 | SISMAVB | LinStatic | -0,383 | 6,245 | 0 | 0 | 0 |
| 4 | 0,1 | SISMAVB | LinStatic | -0,383 | 6,245 | 0 | 0 | 0 |
| 5 | 0 | PP | LinStatic | -2,542 | 19,202 | 0 | 0 | 0 |
| 5 | 0,1 | PP | LinStatic | -2,542 | 20,077 | 0 | 0 | 0 |
| 5 | 0 | REINTSUP | LinStatic | -0,009961 | 5,387 | 0 | 0 | 0 |
| 5 | 0,1 | REINTSUP | LinStatic | -0,009961 | 5,387 | 0 | 0 | 0 |
| 5 | 0 | BALLAST | LinStatic | -0,022 | 11,972 | 0 | 0 | 0 |
| 5 | 0,1 | BALLAST | LinStatic | -0,022 | 11,972 | 0 | 0 | 0 |
| 5 | 0 | STERRASX | LinStatic | -29,975 | 10,538 | 0 | 0 | 0 |
| 5 | 0,1 | STERRASX | LinStatic | -29,975 | 10,538 | 0 | 0 | 0 |
| 5 | 0 | STERRADX | LinStatic | 1,368 | -10,515 | 0 | 0 | 0 |
| 5 | 0,1 | STERRADX | LinStatic | 1,368 | -10,515 | 0 | 0 | 0 |
| 5 | 0 | TERMP | LinStatic | 1,521 | -0,008125 | 0 | 0 | 0 |
| 5 | 0,1 | TERMP | LinStatic | 1,521 | -0,008125 | 0 | 0 | 0 |
| 5 | 0 | TERMN | LinStatic | -4,563 | 0,024 | 0 | 0 | 0 |
| 5 | 0,1 | TERMN | LinStatic | -4,563 | 0,024 | 0 | 0 | 0 |
| 5 | 0 | GRADTP | LinStatic | -5,139 | 0,008702 | 0 | 0 | 0 |
| 5 | 0,1 | GRADTP | LinStatic | -5,139 | 0,008702 | 0 | 0 | 0 |
| 5 | 0 | GRADTN | LinStatic | 5,139 | -0,008702 | 0 | 0 | 0 |
| 5 | 0,1 | GRADTN | LinStatic | 5,139 | -0,008702 | 0 | 0 | 0 |
| 5 | 0 | LM71C | LinStatic | -0,096 | 52,054 | 0 | 0 | 0 |
| 5 | 0,1 | LM71C | LinStatic | -0,096 | 52,054 | 0 | 0 | 0 |
| 5 | 0 | STLM71 | LinStatic | -33,04 | 14,162 | 0 | 0 | 0 |
| 5 | 0,1 | STLM71 | LinStatic | -33,04 | 14,162 | 0 | 0 | 0 |
| 5 | 0 | AVVLM71 | LinStatic | -8,617 | 9,859 | 0 | 0 | 0 |
| 5 | 0,1 | AVVLM71 | LinStatic | -8,617 | 9,859 | 0 | 0 | 0 |
| 5 | 0 | SW2 | LinStatic | -0,075 | 40,816 | 0 | 0 | 0 |
| 5 | 0,1 | SW2 | LinStatic | -0,075 | 40,816 | 0 | 0 | 0 |
| 5 | 0 | STSW2 | LinStatic | -25,903 | 11,103 | 0 | 0 | 0 |
| 5 | 0,1 | STSW2 | LinStatic | -25,903 | 11,103 | 0 | 0 | 0 |
| 5 | 0 | FRENSW2 | LinStatic | -9,142 | 10,459 | 0 | 0 | 0 |
| 5 | 0,1 | FRENSW2 | LinStatic | -9,142 | 10,459 | 0 | 0 | 0 |
| 5 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 5 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 5 | 0 | INCRTER | LinStatic | -29,472 | 12,632 | 0 | 0 | 0 |
| 5 | 0,1 | INCRTER | LinStatic | -29,472 | 12,632 | 0 | 0 | 0 |
| 5 | 0 | LM71SISO | LinStatic | -3,24 | 3,707 | 0 | 0 | 0 |
| 5 | 0,1 | LM71SISO | LinStatic | -3,24 | 3,707 | 0 | 0 | 0 |
| 5 | 0 | SW2SISO | LinStatic | -2,535 | 2,9 | 0 | 0 | 0 |
| 5 | 0,1 | SW2SISO | LinStatic | -2,535 | 2,9 | 0 | 0 | 0 |
| 5 | 0 | SISMAO | LinStatic | -10,012 | 10,106 | 0 | 0 | 0 |
| 5 | 0,1 | SISMAO | LinStatic | -10,012 | 10,106 | 0 | 0 | 0 |
| 5 | 0 | LM71SVA | LinStatic | 0,002864 | -1,549 | 0 | 0 | 0 |
| 5 | 0,1 | LM71SVA | LinStatic | 0,002864 | -1,549 | 0 | 0 | 0 |
| 5 | 0 | SW2SVA | LinStatic | 0,002255 | -1,22 | 0 | 0 | 0 |
| 5 | 0,1 | SW2SVA | LinStatic | 0,002255 | -1,22 | 0 | 0 | 0 |
| 5 | 0 | SISMAVA | LinStatic | 0,383 | -5,508 | 0 | 0 | 0 |
| 5 | 0,1 | SISMAVA | LinStatic | 0,383 | -5,508 | 0 | 0 | 0 |
| 5 | 0 | LM71SVB | LinStatic | -0,002864 | 1,549 | 0 | 0 | 0 |
| 5 | 0,1 | LM71SVB | LinStatic | -0,002864 | 1,549 | 0 | 0 | 0 |
| 5 | 0 | SW2SVB | LinStatic | -0,002255 | 1,22 | 0 | 0 | 0 |
| 5 | 0,1 | SW2SVB | LinStatic | -0,002255 | 1,22 | 0 | 0 | 0 |
| 5 | 0 | SISMAVB | LinStatic | -0,383 | 5,508 | 0 | 0 | 0 |
| 5 | 0,1 | SISMAVB | LinStatic | -0,383 | 5,508 | 0 | 0 | 0 |
| 6 | 0 | PP | LinStatic | -2,542 | 16,576 | 0 | 0 | 0 |
| 6 | 0,1 | PP | LinStatic | -2,542 | 17,451 | 0 | 0 | 0 |
| 6 | 0 | REINTSUP | LinStatic | -0,00996 | 4,667 | 0 | 0 | 0 |
| 6 | 0,1 | REINTSUP | LinStatic | -0,00996 | 4,667 | 0 | 0 | 0 |
| 6 | 0 | BALLAST | LinStatic | -0,022 | 10,371 | 0 | 0 | 0 |
| 6 | 0,1 | BALLAST | LinStatic | -0,022 | 10,371 | 0 | 0 | 0 |
| 6 | 0 | STERRASX | LinStatic | -27,885 | 13,661 | 0 | 0 | 0 |
| 6 | 0,1 | STERRASX | LinStatic | -27,885 | 13,661 | 0 | 0 | 0 |
| 6 | 0 | STERRADX | LinStatic | -0,722 | -13,638 | 0 | 0 | 0 |
| 6 | 0,1 | STERRADX | LinStatic | -0,722 | -13,638 | 0 | 0 | 0 |
| 6 | 0 | TERMP | LinStatic | 1,521 | -0,008235 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|-----------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 6 | 0,1 | TERMP | LinStatic | 1,521 | -0,008235 | 0 | 0 | 0 |
| 6 | 0 | TERMN | LinStatic | -4,563 | 0,025 | 0 | 0 | 0 |
| 6 | 0,1 | TERMN | LinStatic | -4,563 | 0,025 | 0 | 0 | 0 |
| 6 | 0 | GRADTP | LinStatic | -5,139 | 0,00882 | 0 | 0 | 0 |
| 6 | 0,1 | GRADTP | LinStatic | -5,139 | 0,00882 | 0 | 0 | 0 |
| 6 | 0 | GRADTN | LinStatic | 5,139 | -0,00882 | 0 | 0 | 0 |
| 6 | 0,1 | GRADTN | LinStatic | 5,139 | -0,00882 | 0 | 0 | 0 |
| 6 | 0 | LM71C | LinStatic | -0,096 | 45,093 | 0 | 0 | 0 |
| 6 | 0,1 | LM71C | LinStatic | -0,096 | 45,093 | 0 | 0 | 0 |
| 6 | 0 | STLM71 | LinStatic | -30,568 | 18,56 | 0 | 0 | 0 |
| 6 | 0,1 | STLM71 | LinStatic | -30,568 | 18,56 | 0 | 0 | 0 |
| 6 | 0 | AVVLM71 | LinStatic | -7,468 | 13,947 | 0 | 0 | 0 |
| 6 | 0,1 | AVVLM71 | LinStatic | -7,468 | 13,947 | 0 | 0 | 0 |
| 6 | 0 | SW2 | LinStatic | -0,075 | 35,358 | 0 | 0 | 0 |
| 6 | 0,1 | SW2 | LinStatic | -0,075 | 35,358 | 0 | 0 | 0 |
| 6 | 0 | STSW2 | LinStatic | -23,965 | 14,55 | 0 | 0 | 0 |
| 6 | 0,1 | STSW2 | LinStatic | -23,965 | 14,55 | 0 | 0 | 0 |
| 6 | 0 | FRENSW2 | LinStatic | -7,923 | 14,797 | 0 | 0 | 0 |
| 6 | 0,1 | FRENSW2 | LinStatic | -7,923 | 14,797 | 0 | 0 | 0 |
| 6 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 6 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 6 | 0 | INCRTER | LinStatic | -27,266 | 16,555 | 0 | 0 | 0 |
| 6 | 0,1 | INCRTER | LinStatic | -27,266 | 16,555 | 0 | 0 | 0 |
| 6 | 0 | LM71SISO | LinStatic | -2,808 | 5,244 | 0 | 0 | 0 |
| 6 | 0,1 | LM71SISO | LinStatic | -2,808 | 5,244 | 0 | 0 | 0 |
| 6 | 0 | SW2SISO | LinStatic | -2,197 | 4,103 | 0 | 0 | 0 |
| 6 | 0,1 | SW2SISO | LinStatic | -2,197 | 4,103 | 0 | 0 | 0 |
| 6 | 0 | SISMAO | LinStatic | -8,677 | 14,017 | 0 | 0 | 0 |
| 6 | 0,1 | SISMAO | LinStatic | -8,677 | 14,017 | 0 | 0 | 0 |
| 6 | 0 | LM71SVA | LinStatic | 0,002864 | -1,342 | 0 | 0 | 0 |
| 6 | 0,1 | LM71SVA | LinStatic | 0,002864 | -1,342 | 0 | 0 | 0 |
| 6 | 0 | SW2SVA | LinStatic | 0,002255 | -1,057 | 0 | 0 | 0 |
| 6 | 0,1 | SW2SVA | LinStatic | 0,002255 | -1,057 | 0 | 0 | 0 |
| 6 | 0 | SISMAVA | LinStatic | 0,383 | -4,771 | 0 | 0 | 0 |
| 6 | 0,1 | SISMAVA | LinStatic | 0,383 | -4,771 | 0 | 0 | 0 |
| 6 | 0 | LM71SVB | LinStatic | -0,002864 | 1,342 | 0 | 0 | 0 |
| 6 | 0,1 | LM71SVB | LinStatic | -0,002864 | 1,342 | 0 | 0 | 0 |
| 6 | 0 | SW2SVB | LinStatic | -0,002255 | 1,057 | 0 | 0 | 0 |
| 6 | 0,1 | SW2SVB | LinStatic | -0,002255 | 1,057 | 0 | 0 | 0 |
| 6 | 0 | SISMAVB | LinStatic | -0,383 | 4,771 | 0 | 0 | 0 |
| 6 | 0,1 | SISMAVB | LinStatic | -0,383 | 4,771 | 0 | 0 | 0 |
| 7 | 0 | PP | LinStatic | -2,542 | 13,954 | 0 | 0 | 0 |
| 7 | 0,1 | PP | LinStatic | -2,542 | 14,828 | 0 | 0 | 0 |
| 7 | 0 | REINTSUP | LinStatic | -0,00996 | 3,947 | 0 | 0 | 0 |
| 7 | 0,1 | REINTSUP | LinStatic | -0,00996 | 3,947 | 0 | 0 | 0 |
| 7 | 0 | BALLAST | LinStatic | -0,022 | 8,772 | 0 | 0 | 0 |
| 7 | 0,1 | BALLAST | LinStatic | -0,022 | 8,772 | 0 | 0 | 0 |
| 7 | 0 | STERRASX | LinStatic | -25,796 | 16,336 | 0 | 0 | 0 |
| 7 | 0,1 | STERRASX | LinStatic | -25,796 | 16,336 | 0 | 0 | 0 |
| 7 | 0 | STERRADX | LinStatic | -2,811 | -16,314 | 0 | 0 | 0 |
| 7 | 0,1 | STERRADX | LinStatic | -2,811 | -16,314 | 0 | 0 | 0 |
| 7 | 0 | TERMP | LinStatic | 1,521 | -0,007834 | 0 | 0 | 0 |
| 7 | 0,1 | TERMP | LinStatic | 1,521 | -0,007834 | 0 | 0 | 0 |
| 7 | 0 | TERMN | LinStatic | -4,563 | 0,024 | 0 | 0 | 0 |
| 7 | 0,1 | TERMN | LinStatic | -4,563 | 0,024 | 0 | 0 | 0 |
| 7 | 0 | GRADTP | LinStatic | -5,139 | 0,008391 | 0 | 0 | 0 |
| 7 | 0,1 | GRADTP | LinStatic | -5,139 | 0,008391 | 0 | 0 | 0 |
| 7 | 0 | GRADTN | LinStatic | 5,139 | -0,008391 | 0 | 0 | 0 |
| 7 | 0,1 | GRADTN | LinStatic | 5,139 | -0,008391 | 0 | 0 | 0 |
| 7 | 0 | LM71C | LinStatic | -0,096 | 38,14 | 0 | 0 | 0 |
| 7 | 0,1 | LM71C | LinStatic | -0,096 | 38,14 | 0 | 0 | 0 |
| 7 | 0 | STLM71 | LinStatic | -28,096 | 22,327 | 0 | 0 | 0 |
| 7 | 0,1 | STLM71 | LinStatic | -28,096 | 22,327 | 0 | 0 | 0 |
| 7 | 0 | AVVLM71 | LinStatic | -6,319 | 17,451 | 0 | 0 | 0 |
| 7 | 0,1 | AVVLM71 | LinStatic | -6,319 | 17,451 | 0 | 0 | 0 |
| 7 | 0 | SW2 | LinStatic | -0,075 | 29,906 | 0 | 0 | 0 |
| 7 | 0,1 | SW2 | LinStatic | -0,075 | 29,906 | 0 | 0 | 0 |
| 7 | 0 | STSW2 | LinStatic | -22,027 | 17,504 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|-----------|----------|-----------|------------|
| 7 | 0,1 | STSW2 | LinStatic | -22,027 | 17,504 | 0 | 0 | 0 |
| 7 | 0 | FRENSW2 | LinStatic | -6,704 | 18,514 | 0 | 0 | 0 |
| 7 | 0,1 | FRENSW2 | LinStatic | -6,704 | 18,514 | 0 | 0 | 0 |
| 7 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 7 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 7 | 0 | INCRTER | LinStatic | -25,061 | 19,915 | 0 | 0 | 0 |
| 7 | 0,1 | INCRTER | LinStatic | -25,061 | 19,915 | 0 | 0 | 0 |
| 7 | 0 | LM71SISO | LinStatic | -2,376 | 6,561 | 0 | 0 | 0 |
| 7 | 0,1 | LM71SISO | LinStatic | -2,376 | 6,561 | 0 | 0 | 0 |
| 7 | 0 | SW2SISO | LinStatic | -1,859 | 5,133 | 0 | 0 | 0 |
| 7 | 0,1 | SW2SISO | LinStatic | -1,859 | 5,133 | 0 | 0 | 0 |
| 7 | 0 | SISMAO | LinStatic | -7,342 | 17,368 | 0 | 0 | 0 |
| 7 | 0,1 | SISMAO | LinStatic | -7,342 | 17,368 | 0 | 0 | 0 |
| 7 | 0 | LM71SVA | LinStatic | 0,002864 | -1,135 | 0 | 0 | 0 |
| 7 | 0,1 | LM71SVA | LinStatic | 0,002864 | -1,135 | 0 | 0 | 0 |
| 7 | 0 | SW2SVA | LinStatic | 0,002255 | -0,894 | 0 | 0 | 0 |
| 7 | 0,1 | SW2SVA | LinStatic | 0,002255 | -0,894 | 0 | 0 | 0 |
| 7 | 0 | SISMAVA | LinStatic | 0,383 | -4,036 | 0 | 0 | 0 |
| 7 | 0,1 | SISMAVA | LinStatic | 0,383 | -4,036 | 0 | 0 | 0 |
| 7 | 0 | LM71SVB | LinStatic | -0,002864 | 1,135 | 0 | 0 | 0 |
| 7 | 0,1 | LM71SVB | LinStatic | -0,002864 | 1,135 | 0 | 0 | 0 |
| 7 | 0 | SW2SVB | LinStatic | -0,002255 | 0,894 | 0 | 0 | 0 |
| 7 | 0,1 | SW2SVB | LinStatic | -0,002255 | 0,894 | 0 | 0 | 0 |
| 7 | 0 | SISMAVB | LinStatic | -0,383 | 4,036 | 0 | 0 | 0 |
| 7 | 0,1 | SISMAVB | LinStatic | -0,383 | 4,036 | 0 | 0 | 0 |
| 8 | 0 | PP | LinStatic | -2,542 | 11,333 | 0 | 0 | 0 |
| 8 | 0,1 | PP | LinStatic | -2,542 | 12,208 | 0 | 0 | 0 |
| 8 | 0 | REINTSUP | LinStatic | -0,00996 | 3,228 | 0 | 0 | 0 |
| 8 | 0,1 | REINTSUP | LinStatic | -0,00996 | 3,228 | 0 | 0 | 0 |
| 8 | 0 | BALLAST | LinStatic | -0,022 | 7,174 | 0 | 0 | 0 |
| 8 | 0,1 | BALLAST | LinStatic | -0,022 | 7,174 | 0 | 0 | 0 |
| 8 | 0 | STERRASX | LinStatic | -23,706 | 18,563 | 0 | 0 | 0 |
| 8 | 0,1 | STERRASX | LinStatic | -23,706 | 18,563 | 0 | 0 | 0 |
| 8 | 0 | STERRADX | LinStatic | -4,901 | -18,544 | 0 | 0 | 0 |
| 8 | 0,1 | STERRADX | LinStatic | -4,901 | -18,544 | 0 | 0 | 0 |
| 8 | 0 | TERMP | LinStatic | 1,521 | -0,007 | 0 | 0 | 0 |
| 8 | 0,1 | TERMP | LinStatic | 1,521 | -0,007 | 0 | 0 | 0 |
| 8 | 0 | TERMN | LinStatic | -4,563 | 0,021 | 0 | 0 | 0 |
| 8 | 0,1 | TERMN | LinStatic | -4,563 | 0,021 | 0 | 0 | 0 |
| 8 | 0 | GRADTP | LinStatic | -5,139 | 0,007497 | 0 | 0 | 0 |
| 8 | 0,1 | GRADTP | LinStatic | -5,139 | 0,007497 | 0 | 0 | 0 |
| 8 | 0 | GRADTN | LinStatic | 5,139 | -0,007497 | 0 | 0 | 0 |
| 8 | 0,1 | GRADTN | LinStatic | 5,139 | -0,007497 | 0 | 0 | 0 |
| 8 | 0 | LM71C | LinStatic | -0,096 | 31,195 | 0 | 0 | 0 |
| 8 | 0,1 | LM71C | LinStatic | -0,096 | 31,195 | 0 | 0 | 0 |
| 8 | 0 | STLM71 | LinStatic | -25,624 | 25,464 | 0 | 0 | 0 |
| 8 | 0,1 | STLM71 | LinStatic | -25,624 | 25,464 | 0 | 0 | 0 |
| 8 | 0 | AVVLM71 | LinStatic | -5,17 | 20,369 | 0 | 0 | 0 |
| 8 | 0,1 | AVVLM71 | LinStatic | -5,17 | 20,369 | 0 | 0 | 0 |
| 8 | 0 | SW2 | LinStatic | -0,075 | 24,46 | 0 | 0 | 0 |
| 8 | 0,1 | SW2 | LinStatic | -0,075 | 24,46 | 0 | 0 | 0 |
| 8 | 0 | STSW2 | LinStatic | -20,089 | 19,963 | 0 | 0 | 0 |
| 8 | 0,1 | STSW2 | LinStatic | -20,089 | 19,963 | 0 | 0 | 0 |
| 8 | 0 | FRENSW2 | LinStatic | -5,485 | 21,61 | 0 | 0 | 0 |
| 8 | 0,1 | FRENSW2 | LinStatic | -5,485 | 21,61 | 0 | 0 | 0 |
| 8 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 8 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 8 | 0 | INCRTER | LinStatic | -22,856 | 22,713 | 0 | 0 | 0 |
| 8 | 0,1 | INCRTER | LinStatic | -22,856 | 22,713 | 0 | 0 | 0 |
| 8 | 0 | LM71SISO | LinStatic | -1,944 | 7,658 | 0 | 0 | 0 |
| 8 | 0,1 | LM71SISO | LinStatic | -1,944 | 7,658 | 0 | 0 | 0 |
| 8 | 0 | SW2SISO | LinStatic | -1,521 | 5,992 | 0 | 0 | 0 |
| 8 | 0,1 | SW2SISO | LinStatic | -1,521 | 5,992 | 0 | 0 | 0 |
| 8 | 0 | SISMAO | LinStatic | -6,007 | 20,159 | 0 | 0 | 0 |
| 8 | 0,1 | SISMAO | LinStatic | -6,007 | 20,159 | 0 | 0 | 0 |
| 8 | 0 | LM71SVA | LinStatic | 0,002864 | -0,928 | 0 | 0 | 0 |
| 8 | 0,1 | LM71SVA | LinStatic | 0,002864 | -0,928 | 0 | 0 | 0 |
| 8 | 0 | SW2SVA | LinStatic | 0,002255 | -0,731 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|-----------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 8 | 0,1 | SW2SVA | LinStatic | 0,002255 | -0,731 | 0 | 0 | 0 |
| 8 | 0 | SISMAVA | LinStatic | 0,383 | -3,301 | 0 | 0 | 0 |
| 8 | 0,1 | SISMAVA | LinStatic | 0,383 | -3,301 | 0 | 0 | 0 |
| 8 | 0 | LM71SVB | LinStatic | -0,002864 | 0,928 | 0 | 0 | 0 |
| 8 | 0,1 | LM71SVB | LinStatic | -0,002864 | 0,928 | 0 | 0 | 0 |
| 8 | 0 | SW2SVB | LinStatic | -0,002255 | 0,731 | 0 | 0 | 0 |
| 8 | 0,1 | SW2SVB | LinStatic | -0,002255 | 0,731 | 0 | 0 | 0 |
| 8 | 0 | SISMAVB | LinStatic | -0,383 | 3,301 | 0 | 0 | 0 |
| 8 | 0,1 | SISMAVB | LinStatic | -0,383 | 3,301 | 0 | 0 | 0 |
| 9 | 0 | PP | LinStatic | -2,542 | 8,715 | 0 | 0 | 0 |
| 9 | 0,1 | PP | LinStatic | -2,542 | 9,59 | 0 | 0 | 0 |
| 9 | 0 | REINTSUP | LinStatic | -0,00996 | 2,51 | 0 | 0 | 0 |
| 9 | 0,1 | REINTSUP | LinStatic | -0,00996 | 2,51 | 0 | 0 | 0 |
| 9 | 0 | BALLAST | LinStatic | -0,022 | 5,579 | 0 | 0 | 0 |
| 9 | 0,1 | BALLAST | LinStatic | -0,022 | 5,579 | 0 | 0 | 0 |
| 9 | 0 | STERRASX | LinStatic | -21,617 | 20,344 | 0 | 0 | 0 |
| 9 | 0,1 | STERRASX | LinStatic | -21,617 | 20,344 | 0 | 0 | 0 |
| 9 | 0 | STERRADX | LinStatic | -6,99 | -20,328 | 0 | 0 | 0 |
| 9 | 0,1 | STERRADX | LinStatic | -6,99 | -20,328 | 0 | 0 | 0 |
| 9 | 0 | TERMP | LinStatic | 1,521 | -0,005812 | 0 | 0 | 0 |
| 9 | 0,1 | TERMP | LinStatic | 1,521 | -0,005812 | 0 | 0 | 0 |
| 9 | 0 | TERMN | LinStatic | -4,563 | 0,017 | 0 | 0 | 0 |
| 9 | 0,1 | TERMN | LinStatic | -4,563 | 0,017 | 0 | 0 | 0 |
| 9 | 0 | GRADTP | LinStatic | -5,139 | 0,006224 | 0 | 0 | 0 |
| 9 | 0,1 | GRADTP | LinStatic | -5,139 | 0,006224 | 0 | 0 | 0 |
| 9 | 0 | GRADTN | LinStatic | 5,139 | -0,006224 | 0 | 0 | 0 |
| 9 | 0,1 | GRADTN | LinStatic | 5,139 | -0,006224 | 0 | 0 | 0 |
| 9 | 0 | LM71C | LinStatic | -0,096 | 24,256 | 0 | 0 | 0 |
| 9 | 0,1 | LM71C | LinStatic | -0,096 | 24,256 | 0 | 0 | 0 |
| 9 | 0 | STLM71 | LinStatic | -23,152 | 27,972 | 0 | 0 | 0 |
| 9 | 0,1 | STLM71 | LinStatic | -23,152 | 27,972 | 0 | 0 | 0 |
| 9 | 0 | AVVLM71 | LinStatic | -4,021 | 22,703 | 0 | 0 | 0 |
| 9 | 0,1 | AVVLM71 | LinStatic | -4,021 | 22,703 | 0 | 0 | 0 |
| 9 | 0 | SW2 | LinStatic | -0,075 | 19,019 | 0 | 0 | 0 |
| 9 | 0,1 | SW2 | LinStatic | -0,075 | 19,019 | 0 | 0 | 0 |
| 9 | 0 | STSW2 | LinStatic | -18,151 | 21,929 | 0 | 0 | 0 |
| 9 | 0,1 | STSW2 | LinStatic | -18,151 | 21,929 | 0 | 0 | 0 |
| 9 | 0 | FRENSW2 | LinStatic | -4,266 | 24,086 | 0 | 0 | 0 |
| 9 | 0,1 | FRENSW2 | LinStatic | -4,266 | 24,086 | 0 | 0 | 0 |
| 9 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 9 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 9 | 0 | INCRTER | LinStatic | -20,651 | 24,95 | 0 | 0 | 0 |
| 9 | 0,1 | INCRTER | LinStatic | -20,651 | 24,95 | 0 | 0 | 0 |
| 9 | 0 | LM71SISO | LinStatic | -1,512 | 8,536 | 0 | 0 | 0 |
| 9 | 0,1 | LM71SISO | LinStatic | -1,512 | 8,536 | 0 | 0 | 0 |
| 9 | 0 | SW2SISO | LinStatic | -1,183 | 6,678 | 0 | 0 | 0 |
| 9 | 0,1 | SW2SISO | LinStatic | -1,183 | 6,678 | 0 | 0 | 0 |
| 9 | 0 | SISMAO | LinStatic | -4,672 | 22,391 | 0 | 0 | 0 |
| 9 | 0,1 | SISMAO | LinStatic | -4,672 | 22,391 | 0 | 0 | 0 |
| 9 | 0 | LM71SVA | LinStatic | 0,002864 | -0,722 | 0 | 0 | 0 |
| 9 | 0,1 | LM71SVA | LinStatic | 0,002864 | -0,722 | 0 | 0 | 0 |
| 9 | 0 | SW2SVA | LinStatic | 0,002255 | -0,568 | 0 | 0 | 0 |
| 9 | 0,1 | SW2SVA | LinStatic | 0,002255 | -0,568 | 0 | 0 | 0 |
| 9 | 0 | SISMAVA | LinStatic | 0,383 | -2,567 | 0 | 0 | 0 |
| 9 | 0,1 | SISMAVA | LinStatic | 0,383 | -2,567 | 0 | 0 | 0 |
| 9 | 0 | LM71SVB | LinStatic | -0,002864 | 0,722 | 0 | 0 | 0 |
| 9 | 0,1 | LM71SVB | LinStatic | -0,002864 | 0,722 | 0 | 0 | 0 |
| 9 | 0 | SW2SVB | LinStatic | -0,002255 | 0,568 | 0 | 0 | 0 |
| 9 | 0,1 | SW2SVB | LinStatic | -0,002255 | 0,568 | 0 | 0 | 0 |
| 9 | 0 | SISMAVB | LinStatic | -0,383 | 2,567 | 0 | 0 | 0 |
| 9 | 0,1 | SISMAVB | LinStatic | -0,383 | 2,567 | 0 | 0 | 0 |
| 10 | 0 | PP | LinStatic | -2,542 | 6,099 | 0 | 0 | 0 |
| 10 | 0,1 | PP | LinStatic | -2,542 | 6,974 | 0 | 0 | 0 |
| 10 | 0 | REINTSUP | LinStatic | -0,00996 | 1,793 | 0 | 0 | 0 |
| 10 | 0,1 | REINTSUP | LinStatic | -0,00996 | 1,793 | 0 | 0 | 0 |
| 10 | 0 | BALLAST | LinStatic | -0,022 | 3,984 | 0 | 0 | 0 |
| 10 | 0,1 | BALLAST | LinStatic | -0,022 | 3,984 | 0 | 0 | 0 |
| 10 | 0 | STERRASX | LinStatic | -19,527 | 21,678 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|-----------|----------|-----------|------------|
| 10 | 0,1 | STERRASX | LinStatic | -19,527 | 21,678 | 0 | 0 | 0 |
| 10 | 0 | STERRADX | LinStatic | -9,08 | -21,666 | 0 | 0 | 0 |
| 10 | 0,1 | STERRADX | LinStatic | -9,08 | -21,666 | 0 | 0 | 0 |
| 10 | 0 | TERMP | LinStatic | 1,521 | -0,004348 | 0 | 0 | 0 |
| 10 | 0,1 | TERMP | LinStatic | 1,521 | -0,004348 | 0 | 0 | 0 |
| 10 | 0 | TERMN | LinStatic | -4,563 | 0,013 | 0 | 0 | 0 |
| 10 | 0,1 | TERMN | LinStatic | -4,563 | 0,013 | 0 | 0 | 0 |
| 10 | 0 | GRADTP | LinStatic | -5,139 | 0,004657 | 0 | 0 | 0 |
| 10 | 0,1 | GRADTP | LinStatic | -5,139 | 0,004657 | 0 | 0 | 0 |
| 10 | 0 | GRADTN | LinStatic | 5,139 | -0,004657 | 0 | 0 | 0 |
| 10 | 0,1 | GRADTN | LinStatic | 5,139 | -0,004657 | 0 | 0 | 0 |
| 10 | 0 | LM71C | LinStatic | -0,096 | 17,322 | 0 | 0 | 0 |
| 10 | 0,1 | LM71C | LinStatic | -0,096 | 17,322 | 0 | 0 | 0 |
| 10 | 0 | STLM71 | LinStatic | -20,68 | 29,851 | 0 | 0 | 0 |
| 10 | 0,1 | STLM71 | LinStatic | -20,68 | 29,851 | 0 | 0 | 0 |
| 10 | 0 | AVVLM71 | LinStatic | -2,872 | 24,453 | 0 | 0 | 0 |
| 10 | 0,1 | AVVLM71 | LinStatic | -2,872 | 24,453 | 0 | 0 | 0 |
| 10 | 0 | SW2 | LinStatic | -0,075 | 13,582 | 0 | 0 | 0 |
| 10 | 0,1 | SW2 | LinStatic | -0,075 | 13,582 | 0 | 0 | 0 |
| 10 | 0 | STSW2 | LinStatic | -16,213 | 23,403 | 0 | 0 | 0 |
| 10 | 0,1 | STSW2 | LinStatic | -16,213 | 23,403 | 0 | 0 | 0 |
| 10 | 0 | FRENSW2 | LinStatic | -3,047 | 25,942 | 0 | 0 | 0 |
| 10 | 0,1 | FRENSW2 | LinStatic | -3,047 | 25,942 | 0 | 0 | 0 |
| 10 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 10 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 10 | 0 | INCRTER | LinStatic | -18,446 | 26,627 | 0 | 0 | 0 |
| 10 | 0,1 | INCRTER | LinStatic | -18,446 | 26,627 | 0 | 0 | 0 |
| 10 | 0 | LM71SISO | LinStatic | -1,08 | 9,194 | 0 | 0 | 0 |
| 10 | 0,1 | LM71SISO | LinStatic | -1,08 | 9,194 | 0 | 0 | 0 |
| 10 | 0 | SW2SISO | LinStatic | -0,845 | 7,193 | 0 | 0 | 0 |
| 10 | 0,1 | SW2SISO | LinStatic | -0,845 | 7,193 | 0 | 0 | 0 |
| 10 | 0 | SISMAO | LinStatic | -3,337 | 24,064 | 0 | 0 | 0 |
| 10 | 0,1 | SISMAO | LinStatic | -3,337 | 24,064 | 0 | 0 | 0 |
| 10 | 0 | LM71SVA | LinStatic | 0,002864 | -0,515 | 0 | 0 | 0 |
| 10 | 0,1 | LM71SVA | LinStatic | 0,002864 | -0,515 | 0 | 0 | 0 |
| 10 | 0 | SW2SVA | LinStatic | 0,002255 | -0,406 | 0 | 0 | 0 |
| 10 | 0,1 | SW2SVA | LinStatic | 0,002255 | -0,406 | 0 | 0 | 0 |
| 10 | 0 | SISMAVA | LinStatic | 0,383 | -1,833 | 0 | 0 | 0 |
| 10 | 0,1 | SISMAVA | LinStatic | 0,383 | -1,833 | 0 | 0 | 0 |
| 10 | 0 | LM71SVB | LinStatic | -0,002864 | 0,515 | 0 | 0 | 0 |
| 10 | 0,1 | LM71SVB | LinStatic | -0,002864 | 0,515 | 0 | 0 | 0 |
| 10 | 0 | SW2SVB | LinStatic | -0,002255 | 0,406 | 0 | 0 | 0 |
| 10 | 0,1 | SW2SVB | LinStatic | -0,002255 | 0,406 | 0 | 0 | 0 |
| 10 | 0 | SISMAVB | LinStatic | -0,383 | 1,833 | 0 | 0 | 0 |
| 10 | 0,1 | SISMAVB | LinStatic | -0,383 | 1,833 | 0 | 0 | 0 |
| 11 | 0 | PP | LinStatic | -2,542 | 3,484 | 0 | 0 | 0 |
| 11 | 0,1 | PP | LinStatic | -2,542 | 3,484 | 0 | 0 | 0 |
| 11 | 0 | REINTSUP | LinStatic | -0,00996 | 1,075 | 0 | 0 | 0 |
| 11 | 0,1 | REINTSUP | LinStatic | -0,00996 | 1,075 | 0 | 0 | 0 |
| 11 | 0 | BALLAST | LinStatic | -0,022 | 2,39 | 0 | 0 | 0 |
| 11 | 0,1 | BALLAST | LinStatic | -0,022 | 2,39 | 0 | 0 | 0 |
| 11 | 0 | STERRASX | LinStatic | -17,438 | 22,567 | 0 | 0 | 0 |
| 11 | 0,1 | STERRASX | LinStatic | -17,438 | 22,567 | 0 | 0 | 0 |
| 11 | 0 | STERRADX | LinStatic | -11,169 | -22,559 | 0 | 0 | 0 |
| 11 | 0,1 | STERRADX | LinStatic | -11,169 | -22,559 | 0 | 0 | 0 |
| 11 | 0 | TERMP | LinStatic | 1,521 | -0,002687 | 0 | 0 | 0 |
| 11 | 0,1 | TERMP | LinStatic | 1,521 | -0,002687 | 0 | 0 | 0 |
| 11 | 0 | TERMN | LinStatic | -4,563 | 0,008062 | 0 | 0 | 0 |
| 11 | 0,1 | TERMN | LinStatic | -4,563 | 0,008062 | 0 | 0 | 0 |
| 11 | 0 | GRADTP | LinStatic | -5,139 | 0,002878 | 0 | 0 | 0 |
| 11 | 0,1 | GRADTP | LinStatic | -5,139 | 0,002878 | 0 | 0 | 0 |
| 11 | 0 | GRADTN | LinStatic | 5,139 | -0,002878 | 0 | 0 | 0 |
| 11 | 0,1 | GRADTN | LinStatic | 5,139 | -0,002878 | 0 | 0 | 0 |
| 11 | 0 | LM71C | LinStatic | -0,096 | 10,392 | 0 | 0 | 0 |
| 11 | 0,1 | LM71C | LinStatic | -0,096 | 10,392 | 0 | 0 | 0 |
| 11 | 0 | STLM71 | LinStatic | -18,208 | 31,103 | 0 | 0 | 0 |
| 11 | 0,1 | STLM71 | LinStatic | -18,208 | 31,103 | 0 | 0 | 0 |
| 11 | 0 | AVVLM71 | LinStatic | -1,723 | 25,619 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|------------|----------|-----------|------------|
| 11 | 0,1 | AVVLM71 | LinStatic | -1,723 | 25,619 | 0 | 0 | 0 |
| 11 | 0 | SW2 | LinStatic | -0,075 | 8,148 | 0 | 0 | 0 |
| 11 | 0,1 | SW2 | LinStatic | -0,075 | 8,148 | 0 | 0 | 0 |
| 11 | 0 | STSW2 | LinStatic | -14,275 | 24,384 | 0 | 0 | 0 |
| 11 | 0,1 | STSW2 | LinStatic | -14,275 | 24,384 | 0 | 0 | 0 |
| 11 | 0 | FRENSW2 | LinStatic | -1,828 | 27,18 | 0 | 0 | 0 |
| 11 | 0,1 | FRENSW2 | LinStatic | -1,828 | 27,18 | 0 | 0 | 0 |
| 11 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 11 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 11 | 0 | INCRTER | LinStatic | -16,241 | 27,743 | 0 | 0 | 0 |
| 11 | 0,1 | INCRTER | LinStatic | -16,241 | 27,743 | 0 | 0 | 0 |
| 11 | 0 | LM71SISO | LinStatic | -0,648 | 9,632 | 0 | 0 | 0 |
| 11 | 0,1 | LM71SISO | LinStatic | -0,648 | 9,632 | 0 | 0 | 0 |
| 11 | 0 | SW2SISO | LinStatic | -0,507 | 7,536 | 0 | 0 | 0 |
| 11 | 0,1 | SW2SISO | LinStatic | -0,507 | 7,536 | 0 | 0 | 0 |
| 11 | 0 | SISMAO | LinStatic | -2,002 | 25,18 | 0 | 0 | 0 |
| 11 | 0,1 | SISMAO | LinStatic | -2,002 | 25,18 | 0 | 0 | 0 |
| 11 | 0 | LM71SVA | LinStatic | 0,002864 | -0,309 | 0 | 0 | 0 |
| 11 | 0,1 | LM71SVA | LinStatic | 0,002864 | -0,309 | 0 | 0 | 0 |
| 11 | 0 | SW2SVA | LinStatic | 0,002255 | -0,243 | 0 | 0 | 0 |
| 11 | 0,1 | SW2SVA | LinStatic | 0,002255 | -0,243 | 0 | 0 | 0 |
| 11 | 0 | SISMAVA | LinStatic | 0,383 | -1,1 | 0 | 0 | 0 |
| 11 | 0,1 | SISMAVA | LinStatic | 0,383 | -1,1 | 0 | 0 | 0 |
| 11 | 0 | LM71SVB | LinStatic | -0,002864 | 0,309 | 0 | 0 | 0 |
| 11 | 0,1 | LM71SVB | LinStatic | -0,002864 | 0,309 | 0 | 0 | 0 |
| 11 | 0 | SW2SVB | LinStatic | -0,002255 | 0,243 | 0 | 0 | 0 |
| 11 | 0,1 | SW2SVB | LinStatic | -0,002255 | 0,243 | 0 | 0 | 0 |
| 11 | 0 | SISMAVB | LinStatic | -0,383 | 1,1 | 0 | 0 | 0 |
| 11 | 0,1 | SISMAVB | LinStatic | -0,383 | 1,1 | 0 | 0 | 0 |
| 12 | 0 | PP | LinStatic | -2,542 | 0,87 | 0 | 0 | 0 |
| 12 | 0,1 | PP | LinStatic | -2,542 | 1,744 | 0 | 0 | 0 |
| 12 | 0 | REINTSUP | LinStatic | -0,00996 | 0,358 | 0 | 0 | 0 |
| 12 | 0,1 | REINTSUP | LinStatic | -0,00996 | 0,358 | 0 | 0 | 0 |
| 12 | 0 | BALLAST | LinStatic | -0,022 | 0,797 | 0 | 0 | 0 |
| 12 | 0,1 | BALLAST | LinStatic | -0,022 | 0,797 | 0 | 0 | 0 |
| 12 | 0 | STERRASX | LinStatic | -15,348 | 23,009 | 0 | 0 | 0 |
| 12 | 0,1 | STERRASX | LinStatic | -15,348 | 23,009 | 0 | 0 | 0 |
| 12 | 0 | STERRADX | LinStatic | -13,259 | -23,007 | 0 | 0 | 0 |
| 12 | 0,1 | STERRADX | LinStatic | -13,259 | -23,007 | 0 | 0 | 0 |
| 12 | 0 | TERMP | LinStatic | 1,521 | -0,0009089 | 0 | 0 | 0 |
| 12 | 0,1 | TERMP | LinStatic | 1,521 | -0,0009089 | 0 | 0 | 0 |
| 12 | 0 | TERMN | LinStatic | -4,563 | 0,002727 | 0 | 0 | 0 |
| 12 | 0,1 | TERMN | LinStatic | -4,563 | 0,002727 | 0 | 0 | 0 |
| 12 | 0 | GRADTP | LinStatic | -5,139 | 0,0009735 | 0 | 0 | 0 |
| 12 | 0,1 | GRADTP | LinStatic | -5,139 | 0,0009735 | 0 | 0 | 0 |
| 12 | 0 | GRADTN | LinStatic | 5,139 | -0,0009735 | 0 | 0 | 0 |
| 12 | 0,1 | GRADTN | LinStatic | 5,139 | -0,0009735 | 0 | 0 | 0 |
| 12 | 0 | LM71C | LinStatic | -0,096 | 3,464 | 0 | 0 | 0 |
| 12 | 0,1 | LM71C | LinStatic | -0,096 | 3,464 | 0 | 0 | 0 |
| 12 | 0 | STLM71 | LinStatic | -15,736 | 31,727 | 0 | 0 | 0 |
| 12 | 0,1 | STLM71 | LinStatic | -15,736 | 31,727 | 0 | 0 | 0 |
| 12 | 0 | AVVLM71 | LinStatic | -0,574 | 26,202 | 0 | 0 | 0 |
| 12 | 0,1 | AVVLM71 | LinStatic | -0,574 | 26,202 | 0 | 0 | 0 |
| 12 | 0 | SW2 | LinStatic | -0,075 | 2,716 | 0 | 0 | 0 |
| 12 | 0,1 | SW2 | LinStatic | -0,075 | 2,716 | 0 | 0 | 0 |
| 12 | 0 | STSW2 | LinStatic | -12,337 | 24,873 | 0 | 0 | 0 |
| 12 | 0,1 | STSW2 | LinStatic | -12,337 | 24,873 | 0 | 0 | 0 |
| 12 | 0 | FRENSW2 | LinStatic | -0,609 | 27,798 | 0 | 0 | 0 |
| 12 | 0,1 | FRENSW2 | LinStatic | -0,609 | 27,798 | 0 | 0 | 0 |
| 12 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 12 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 12 | 0 | INCRTER | LinStatic | -14,036 | 28,3 | 0 | 0 | 0 |
| 12 | 0,1 | INCRTER | LinStatic | -14,036 | 28,3 | 0 | 0 | 0 |
| 12 | 0 | LM71SISO | LinStatic | -0,216 | 9,851 | 0 | 0 | 0 |
| 12 | 0,1 | LM71SISO | LinStatic | -0,216 | 9,851 | 0 | 0 | 0 |
| 12 | 0 | SW2SISO | LinStatic | -0,169 | 7,708 | 0 | 0 | 0 |
| 12 | 0,1 | SW2SISO | LinStatic | -0,169 | 7,708 | 0 | 0 | 0 |
| 12 | 0 | SISMAO | LinStatic | -0,667 | 25,738 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|------------|----------|-----------|------------|
| 12 | 0,1 | SISMAO | LinStatic | -0,667 | 25,738 | 0 | 0 | 0 |
| 12 | 0 | LM71SVA | LinStatic | 0,002864 | -0,103 | 0 | 0 | 0 |
| 12 | 0,1 | LM71SVA | LinStatic | 0,002864 | -0,103 | 0 | 0 | 0 |
| 12 | 0 | SW2SVA | LinStatic | 0,002255 | -0,081 | 0 | 0 | 0 |
| 12 | 0,1 | SW2SVA | LinStatic | 0,002255 | -0,081 | 0 | 0 | 0 |
| 12 | 0 | SISMAVA | LinStatic | 0,383 | -0,367 | 0 | 0 | 0 |
| 12 | 0,1 | SISMAVA | LinStatic | 0,383 | -0,367 | 0 | 0 | 0 |
| 12 | 0 | LM71SVB | LinStatic | -0,002864 | 0,103 | 0 | 0 | 0 |
| 12 | 0,1 | LM71SVB | LinStatic | -0,002864 | 0,103 | 0 | 0 | 0 |
| 12 | 0 | SW2SVB | LinStatic | -0,002255 | 0,081 | 0 | 0 | 0 |
| 12 | 0,1 | SW2SVB | LinStatic | -0,002255 | 0,081 | 0 | 0 | 0 |
| 12 | 0 | SISMAVB | LinStatic | -0,383 | 0,367 | 0 | 0 | 0 |
| 12 | 0,1 | SISMAVB | LinStatic | -0,383 | 0,367 | 0 | 0 | 0 |
| 13 | 0 | PP | LinStatic | -2,542 | -1,744 | 0 | 0 | 0 |
| 13 | 0,1 | PP | LinStatic | -2,542 | -0,87 | 0 | 0 | 0 |
| 13 | 0 | REINTSUP | LinStatic | -0,00996 | -0,358 | 0 | 0 | 0 |
| 13 | 0,1 | REINTSUP | LinStatic | -0,00996 | -0,358 | 0 | 0 | 0 |
| 13 | 0 | BALLAST | LinStatic | -0,022 | -0,797 | 0 | 0 | 0 |
| 13 | 0,1 | BALLAST | LinStatic | -0,022 | -0,797 | 0 | 0 | 0 |
| 13 | 0 | STERRASX | LinStatic | -13,259 | 23,007 | 0 | 0 | 0 |
| 13 | 0,1 | STERRASX | LinStatic | -13,259 | 23,007 | 0 | 0 | 0 |
| 13 | 0 | STERRADX | LinStatic | -15,348 | -23,009 | 0 | 0 | 0 |
| 13 | 0,1 | STERRADX | LinStatic | -15,348 | -23,009 | 0 | 0 | 0 |
| 13 | 0 | TERMP | LinStatic | 1,521 | 0,0009089 | 0 | 0 | 0 |
| 13 | 0,1 | TERMP | LinStatic | 1,521 | 0,0009089 | 0 | 0 | 0 |
| 13 | 0 | TERMN | LinStatic | -4,563 | -0,002727 | 0 | 0 | 0 |
| 13 | 0,1 | TERMN | LinStatic | -4,563 | -0,002727 | 0 | 0 | 0 |
| 13 | 0 | GRADTP | LinStatic | -5,139 | -0,0009735 | 0 | 0 | 0 |
| 13 | 0,1 | GRADTP | LinStatic | -5,139 | -0,0009735 | 0 | 0 | 0 |
| 13 | 0 | GRADTN | LinStatic | 5,139 | 0,0009735 | 0 | 0 | 0 |
| 13 | 0,1 | GRADTN | LinStatic | 5,139 | 0,0009735 | 0 | 0 | 0 |
| 13 | 0 | LM71C | LinStatic | -0,096 | -3,464 | 0 | 0 | 0 |
| 13 | 0,1 | LM71C | LinStatic | -0,096 | -3,464 | 0 | 0 | 0 |
| 13 | 0 | STLM71 | LinStatic | -13,264 | 31,724 | 0 | 0 | 0 |
| 13 | 0,1 | STLM71 | LinStatic | -13,264 | 31,724 | 0 | 0 | 0 |
| 13 | 0 | AVVLM71 | LinStatic | 0,574 | 26,202 | 0 | 0 | 0 |
| 13 | 0,1 | AVVLM71 | LinStatic | 0,574 | 26,202 | 0 | 0 | 0 |
| 13 | 0 | SW2 | LinStatic | -0,075 | -2,716 | 0 | 0 | 0 |
| 13 | 0,1 | SW2 | LinStatic | -0,075 | -2,716 | 0 | 0 | 0 |
| 13 | 0 | STSW2 | LinStatic | -10,399 | 24,871 | 0 | 0 | 0 |
| 13 | 0,1 | STSW2 | LinStatic | -10,399 | 24,871 | 0 | 0 | 0 |
| 13 | 0 | FRENSW2 | LinStatic | 0,609 | 27,798 | 0 | 0 | 0 |
| 13 | 0,1 | FRENSW2 | LinStatic | 0,609 | 27,798 | 0 | 0 | 0 |
| 13 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 13 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 13 | 0 | INCRTER | LinStatic | -11,831 | 28,298 | 0 | 0 | 0 |
| 13 | 0,1 | INCRTER | LinStatic | -11,831 | 28,298 | 0 | 0 | 0 |
| 13 | 0 | LM71SISO | LinStatic | 0,216 | 9,851 | 0 | 0 | 0 |
| 13 | 0,1 | LM71SISO | LinStatic | 0,216 | 9,851 | 0 | 0 | 0 |
| 13 | 0 | SW2SISO | LinStatic | 0,169 | 7,708 | 0 | 0 | 0 |
| 13 | 0,1 | SW2SISO | LinStatic | 0,169 | 7,708 | 0 | 0 | 0 |
| 13 | 0 | SISMAO | LinStatic | 0,667 | 25,738 | 0 | 0 | 0 |
| 13 | 0,1 | SISMAO | LinStatic | 0,667 | 25,738 | 0 | 0 | 0 |
| 13 | 0 | LM71SVA | LinStatic | 0,002864 | 0,103 | 0 | 0 | 0 |
| 13 | 0,1 | LM71SVA | LinStatic | 0,002864 | 0,103 | 0 | 0 | 0 |
| 13 | 0 | SW2SVA | LinStatic | 0,002255 | 0,081 | 0 | 0 | 0 |
| 13 | 0,1 | SW2SVA | LinStatic | 0,002255 | 0,081 | 0 | 0 | 0 |
| 13 | 0 | SISMAVA | LinStatic | 0,383 | 0,367 | 0 | 0 | 0 |
| 13 | 0,1 | SISMAVA | LinStatic | 0,383 | 0,367 | 0 | 0 | 0 |
| 13 | 0 | LM71SVB | LinStatic | -0,002864 | -0,103 | 0 | 0 | 0 |
| 13 | 0,1 | LM71SVB | LinStatic | -0,002864 | -0,103 | 0 | 0 | 0 |
| 13 | 0 | SW2SVB | LinStatic | -0,002255 | -0,081 | 0 | 0 | 0 |
| 13 | 0,1 | SW2SVB | LinStatic | -0,002255 | -0,081 | 0 | 0 | 0 |
| 13 | 0 | SISMAVB | LinStatic | -0,383 | -0,367 | 0 | 0 | 0 |
| 13 | 0,1 | SISMAVB | LinStatic | -0,383 | -0,367 | 0 | 0 | 0 |
| 14 | 0 | PP | LinStatic | -2,542 | -4,359 | 0 | 0 | 0 |
| 14 | 0,1 | PP | LinStatic | -2,542 | -3,484 | 0 | 0 | 0 |
| 14 | 0 | REINTSUP | LinStatic | -0,00996 | -1,075 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|-----------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 14 | 0,1 | REINTSUP | LinStatic | -0,00996 | -1,075 | 0 | 0 | 0 |
| 14 | 0 | BALLAST | LinStatic | -0,022 | -2,39 | 0 | 0 | 0 |
| 14 | 0,1 | BALLAST | LinStatic | -0,022 | -2,39 | 0 | 0 | 0 |
| 14 | 0 | STERRASX | LinStatic | -11,169 | 22,559 | 0 | 0 | 0 |
| 14 | 0,1 | STERRASX | LinStatic | -11,169 | 22,559 | 0 | 0 | 0 |
| 14 | 0 | STERRADX | LinStatic | -17,438 | -22,567 | 0 | 0 | 0 |
| 14 | 0,1 | STERRADX | LinStatic | -17,438 | -22,567 | 0 | 0 | 0 |
| 14 | 0 | TERMP | LinStatic | 1,521 | 0,002687 | 0 | 0 | 0 |
| 14 | 0,1 | TERMP | LinStatic | 1,521 | 0,002687 | 0 | 0 | 0 |
| 14 | 0 | TERMN | LinStatic | -4,563 | -0,008062 | 0 | 0 | 0 |
| 14 | 0,1 | TERMN | LinStatic | -4,563 | -0,008062 | 0 | 0 | 0 |
| 14 | 0 | GRADTP | LinStatic | -5,139 | -0,002878 | 0 | 0 | 0 |
| 14 | 0,1 | GRADTP | LinStatic | -5,139 | -0,002878 | 0 | 0 | 0 |
| 14 | 0 | GRADTN | LinStatic | 5,139 | 0,002878 | 0 | 0 | 0 |
| 14 | 0,1 | GRADTN | LinStatic | 5,139 | 0,002878 | 0 | 0 | 0 |
| 14 | 0 | LM71C | LinStatic | -0,096 | -10,392 | 0 | 0 | 0 |
| 14 | 0,1 | LM71C | LinStatic | -0,096 | -10,392 | 0 | 0 | 0 |
| 14 | 0 | STLM71 | LinStatic | -10,792 | 31,094 | 0 | 0 | 0 |
| 14 | 0,1 | STLM71 | LinStatic | -10,792 | 31,094 | 0 | 0 | 0 |
| 14 | 0 | AVVLM71 | LinStatic | 1,723 | 25,619 | 0 | 0 | 0 |
| 14 | 0,1 | AVVLM71 | LinStatic | 1,723 | 25,619 | 0 | 0 | 0 |
| 14 | 0 | SW2 | LinStatic | -0,075 | -8,148 | 0 | 0 | 0 |
| 14 | 0,1 | SW2 | LinStatic | -0,075 | -8,148 | 0 | 0 | 0 |
| 14 | 0 | STSW2 | LinStatic | -8,461 | 24,377 | 0 | 0 | 0 |
| 14 | 0,1 | STSW2 | LinStatic | -8,461 | 24,377 | 0 | 0 | 0 |
| 14 | 0 | FRENSW2 | LinStatic | 1,828 | 27,18 | 0 | 0 | 0 |
| 14 | 0,1 | FRENSW2 | LinStatic | 1,828 | 27,18 | 0 | 0 | 0 |
| 14 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 14 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 14 | 0 | INCRTER | LinStatic | -9,626 | 27,736 | 0 | 0 | 0 |
| 14 | 0,1 | INCRTER | LinStatic | -9,626 | 27,736 | 0 | 0 | 0 |
| 14 | 0 | LM71SISO | LinStatic | 0,648 | 9,632 | 0 | 0 | 0 |
| 14 | 0,1 | LM71SISO | LinStatic | 0,648 | 9,632 | 0 | 0 | 0 |
| 14 | 0 | SW2SISO | LinStatic | 0,507 | 7,536 | 0 | 0 | 0 |
| 14 | 0,1 | SW2SISO | LinStatic | 0,507 | 7,536 | 0 | 0 | 0 |
| 14 | 0 | SISMAO | LinStatic | 2,002 | 25,18 | 0 | 0 | 0 |
| 14 | 0,1 | SISMAO | LinStatic | 2,002 | 25,18 | 0 | 0 | 0 |
| 14 | 0 | LM71SVA | LinStatic | 0,002864 | 0,309 | 0 | 0 | 0 |
| 14 | 0,1 | LM71SVA | LinStatic | 0,002864 | 0,309 | 0 | 0 | 0 |
| 14 | 0 | SW2SVA | LinStatic | 0,002255 | 0,243 | 0 | 0 | 0 |
| 14 | 0,1 | SW2SVA | LinStatic | 0,002255 | 0,243 | 0 | 0 | 0 |
| 14 | 0 | SISMAVA | LinStatic | 0,383 | 1,1 | 0 | 0 | 0 |
| 14 | 0,1 | SISMAVA | LinStatic | 0,383 | 1,1 | 0 | 0 | 0 |
| 14 | 0 | LM71SVB | LinStatic | -0,002864 | -0,309 | 0 | 0 | 0 |
| 14 | 0,1 | LM71SVB | LinStatic | -0,002864 | -0,309 | 0 | 0 | 0 |
| 14 | 0 | SW2SVB | LinStatic | -0,002255 | -0,243 | 0 | 0 | 0 |
| 14 | 0,1 | SW2SVB | LinStatic | -0,002255 | -0,243 | 0 | 0 | 0 |
| 14 | 0 | SISMAVB | LinStatic | -0,383 | -1,1 | 0 | 0 | 0 |
| 14 | 0,1 | SISMAVB | LinStatic | -0,383 | -1,1 | 0 | 0 | 0 |
| 15 | 0 | PP | LinStatic | -2,542 | -6,974 | 0 | 0 | 0 |
| 15 | 0,1 | PP | LinStatic | -2,542 | -6,099 | 0 | 0 | 0 |
| 15 | 0 | REINTSUP | LinStatic | -0,00996 | -1,793 | 0 | 0 | 0 |
| 15 | 0,1 | REINTSUP | LinStatic | -0,00996 | -1,793 | 0 | 0 | 0 |
| 15 | 0 | BALLAST | LinStatic | -0,022 | -3,984 | 0 | 0 | 0 |
| 15 | 0,1 | BALLAST | LinStatic | -0,022 | -3,984 | 0 | 0 | 0 |
| 15 | 0 | STERRASX | LinStatic | -9,08 | 21,666 | 0 | 0 | 0 |
| 15 | 0,1 | STERRASX | LinStatic | -9,08 | 21,666 | 0 | 0 | 0 |
| 15 | 0 | STERRADX | LinStatic | -19,527 | -21,678 | 0 | 0 | 0 |
| 15 | 0,1 | STERRADX | LinStatic | -19,527 | -21,678 | 0 | 0 | 0 |
| 15 | 0 | TERMP | LinStatic | 1,521 | 0,004348 | 0 | 0 | 0 |
| 15 | 0,1 | TERMP | LinStatic | 1,521 | 0,004348 | 0 | 0 | 0 |
| 15 | 0 | TERMN | LinStatic | -4,563 | -0,013 | 0 | 0 | 0 |
| 15 | 0,1 | TERMN | LinStatic | -4,563 | -0,013 | 0 | 0 | 0 |
| 15 | 0 | GRADTP | LinStatic | -5,139 | -0,004657 | 0 | 0 | 0 |
| 15 | 0,1 | GRADTP | LinStatic | -5,139 | -0,004657 | 0 | 0 | 0 |
| 15 | 0 | GRADTN | LinStatic | 5,139 | 0,004657 | 0 | 0 | 0 |
| 15 | 0,1 | GRADTN | LinStatic | 5,139 | 0,004657 | 0 | 0 | 0 |
| 15 | 0 | LM71C | LinStatic | -0,096 | -17,322 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|-----------|----------|-----------|------------|
| 15 | 0,1 | LM71C | LinStatic | -0,096 | -17,322 | 0 | 0 | 0 |
| 15 | 0 | STLM71 | LinStatic | -8,32 | 29,837 | 0 | 0 | 0 |
| 15 | 0,1 | STLM71 | LinStatic | -8,32 | 29,837 | 0 | 0 | 0 |
| 15 | 0 | AVVLM71 | LinStatic | 2,872 | 24,453 | 0 | 0 | 0 |
| 15 | 0,1 | AVVLM71 | LinStatic | 2,872 | 24,453 | 0 | 0 | 0 |
| 15 | 0 | SW2 | LinStatic | -0,075 | -13,582 | 0 | 0 | 0 |
| 15 | 0,1 | SW2 | LinStatic | -0,075 | -13,582 | 0 | 0 | 0 |
| 15 | 0 | STSW2 | LinStatic | -6,523 | 23,392 | 0 | 0 | 0 |
| 15 | 0,1 | STSW2 | LinStatic | -6,523 | 23,392 | 0 | 0 | 0 |
| 15 | 0 | FRENSW2 | LinStatic | 3,047 | 25,942 | 0 | 0 | 0 |
| 15 | 0,1 | FRENSW2 | LinStatic | 3,047 | 25,942 | 0 | 0 | 0 |
| 15 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 15 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 15 | 0 | INCRTER | LinStatic | -7,422 | 26,615 | 0 | 0 | 0 |
| 15 | 0,1 | INCRTER | LinStatic | -7,422 | 26,615 | 0 | 0 | 0 |
| 15 | 0 | LM71SISO | LinStatic | 1,08 | 9,194 | 0 | 0 | 0 |
| 15 | 0,1 | LM71SISO | LinStatic | 1,08 | 9,194 | 0 | 0 | 0 |
| 15 | 0 | SW2SISO | LinStatic | 0,845 | 7,193 | 0 | 0 | 0 |
| 15 | 0,1 | SW2SISO | LinStatic | 0,845 | 7,193 | 0 | 0 | 0 |
| 15 | 0 | SISMAO | LinStatic | 3,337 | 24,064 | 0 | 0 | 0 |
| 15 | 0,1 | SISMAO | LinStatic | 3,337 | 24,064 | 0 | 0 | 0 |
| 15 | 0 | LM71SVA | LinStatic | 0,002864 | 0,515 | 0 | 0 | 0 |
| 15 | 0,1 | LM71SVA | LinStatic | 0,002864 | 0,515 | 0 | 0 | 0 |
| 15 | 0 | SW2SVA | LinStatic | 0,002255 | 0,406 | 0 | 0 | 0 |
| 15 | 0,1 | SW2SVA | LinStatic | 0,002255 | 0,406 | 0 | 0 | 0 |
| 15 | 0 | SISMAVA | LinStatic | 0,383 | 1,833 | 0 | 0 | 0 |
| 15 | 0,1 | SISMAVA | LinStatic | 0,383 | 1,833 | 0 | 0 | 0 |
| 15 | 0 | LM71SVB | LinStatic | -0,002864 | -0,515 | 0 | 0 | 0 |
| 15 | 0,1 | LM71SVB | LinStatic | -0,002864 | -0,515 | 0 | 0 | 0 |
| 15 | 0 | SW2SVB | LinStatic | -0,002255 | -0,406 | 0 | 0 | 0 |
| 15 | 0,1 | SW2SVB | LinStatic | -0,002255 | -0,406 | 0 | 0 | 0 |
| 15 | 0 | SISMAVB | LinStatic | -0,383 | -1,833 | 0 | 0 | 0 |
| 15 | 0,1 | SISMAVB | LinStatic | -0,383 | -1,833 | 0 | 0 | 0 |
| 16 | 0 | PP | LinStatic | -2,542 | -9,59 | 0 | 0 | 0 |
| 16 | 0,1 | PP | LinStatic | -2,542 | -8,715 | 0 | 0 | 0 |
| 16 | 0 | REINTSUP | LinStatic | -0,00996 | -2,51 | 0 | 0 | 0 |
| 16 | 0,1 | REINTSUP | LinStatic | -0,00996 | -2,51 | 0 | 0 | 0 |
| 16 | 0 | BALLAST | LinStatic | -0,022 | -5,579 | 0 | 0 | 0 |
| 16 | 0,1 | BALLAST | LinStatic | -0,022 | -5,579 | 0 | 0 | 0 |
| 16 | 0 | STERRASX | LinStatic | -6,99 | 20,328 | 0 | 0 | 0 |
| 16 | 0,1 | STERRASX | LinStatic | -6,99 | 20,328 | 0 | 0 | 0 |
| 16 | 0 | STERRADX | LinStatic | -21,617 | -20,344 | 0 | 0 | 0 |
| 16 | 0,1 | STERRADX | LinStatic | -21,617 | -20,344 | 0 | 0 | 0 |
| 16 | 0 | TERMP | LinStatic | 1,521 | 0,005812 | 0 | 0 | 0 |
| 16 | 0,1 | TERMP | LinStatic | 1,521 | 0,005812 | 0 | 0 | 0 |
| 16 | 0 | TERMN | LinStatic | -4,563 | -0,017 | 0 | 0 | 0 |
| 16 | 0,1 | TERMN | LinStatic | -4,563 | -0,017 | 0 | 0 | 0 |
| 16 | 0 | GRADTP | LinStatic | -5,139 | -0,006224 | 0 | 0 | 0 |
| 16 | 0,1 | GRADTP | LinStatic | -5,139 | -0,006224 | 0 | 0 | 0 |
| 16 | 0 | GRADTN | LinStatic | 5,139 | 0,006224 | 0 | 0 | 0 |
| 16 | 0,1 | GRADTN | LinStatic | 5,139 | 0,006224 | 0 | 0 | 0 |
| 16 | 0 | LM71C | LinStatic | -0,096 | -24,256 | 0 | 0 | 0 |
| 16 | 0,1 | LM71C | LinStatic | -0,096 | -24,256 | 0 | 0 | 0 |
| 16 | 0 | STLM71 | LinStatic | -5,848 | 27,953 | 0 | 0 | 0 |
| 16 | 0,1 | STLM71 | LinStatic | -5,848 | 27,953 | 0 | 0 | 0 |
| 16 | 0 | AVVLM71 | LinStatic | 4,021 | 22,703 | 0 | 0 | 0 |
| 16 | 0,1 | AVVLM71 | LinStatic | 4,021 | 22,703 | 0 | 0 | 0 |
| 16 | 0 | SW2 | LinStatic | -0,075 | -19,019 | 0 | 0 | 0 |
| 16 | 0,1 | SW2 | LinStatic | -0,075 | -19,019 | 0 | 0 | 0 |
| 16 | 0 | STSW2 | LinStatic | -4,585 | 21,915 | 0 | 0 | 0 |
| 16 | 0,1 | STSW2 | LinStatic | -4,585 | 21,915 | 0 | 0 | 0 |
| 16 | 0 | FRENSW2 | LinStatic | 4,266 | 24,086 | 0 | 0 | 0 |
| 16 | 0,1 | FRENSW2 | LinStatic | 4,266 | 24,086 | 0 | 0 | 0 |
| 16 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 16 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 16 | 0 | INCRTER | LinStatic | -5,217 | 24,934 | 0 | 0 | 0 |
| 16 | 0,1 | INCRTER | LinStatic | -5,217 | 24,934 | 0 | 0 | 0 |
| 16 | 0 | LM71SISO | LinStatic | 1,512 | 8,536 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|-----------|----------|-----------|------------|
| 16 | 0,1 | LM71SISO | LinStatic | 1,512 | 8,536 | 0 | 0 | 0 |
| 16 | 0 | SW2SISO | LinStatic | 1,183 | 6,678 | 0 | 0 | 0 |
| 16 | 0,1 | SW2SISO | LinStatic | 1,183 | 6,678 | 0 | 0 | 0 |
| 16 | 0 | SISMAO | LinStatic | 4,672 | 22,391 | 0 | 0 | 0 |
| 16 | 0,1 | SISMAO | LinStatic | 4,672 | 22,391 | 0 | 0 | 0 |
| 16 | 0 | LM71SVA | LinStatic | 0,002864 | 0,722 | 0 | 0 | 0 |
| 16 | 0,1 | LM71SVA | LinStatic | 0,002864 | 0,722 | 0 | 0 | 0 |
| 16 | 0 | SW2SVA | LinStatic | 0,002255 | 0,568 | 0 | 0 | 0 |
| 16 | 0,1 | SW2SVA | LinStatic | 0,002255 | 0,568 | 0 | 0 | 0 |
| 16 | 0 | SISMAVA | LinStatic | 0,383 | 2,567 | 0 | 0 | 0 |
| 16 | 0,1 | SISMAVA | LinStatic | 0,383 | 2,567 | 0 | 0 | 0 |
| 16 | 0 | LM71SVB | LinStatic | -0,002864 | -0,722 | 0 | 0 | 0 |
| 16 | 0,1 | LM71SVB | LinStatic | -0,002864 | -0,722 | 0 | 0 | 0 |
| 16 | 0 | SW2SVB | LinStatic | -0,002255 | -0,568 | 0 | 0 | 0 |
| 16 | 0,1 | SW2SVB | LinStatic | -0,002255 | -0,568 | 0 | 0 | 0 |
| 16 | 0 | SISMAVB | LinStatic | -0,383 | -2,567 | 0 | 0 | 0 |
| 16 | 0,1 | SISMAVB | LinStatic | -0,383 | -2,567 | 0 | 0 | 0 |
| 17 | 0 | PP | LinStatic | -2,542 | -12,208 | 0 | 0 | 0 |
| 17 | 0,1 | PP | LinStatic | -2,542 | -11,333 | 0 | 0 | 0 |
| 17 | 0 | REINTSUP | LinStatic | -0,00996 | -3,228 | 0 | 0 | 0 |
| 17 | 0,1 | REINTSUP | LinStatic | -0,00996 | -3,228 | 0 | 0 | 0 |
| 17 | 0 | BALLAST | LinStatic | -0,022 | -7,174 | 0 | 0 | 0 |
| 17 | 0,1 | BALLAST | LinStatic | -0,022 | -7,174 | 0 | 0 | 0 |
| 17 | 0 | STERRASX | LinStatic | -4,901 | 18,544 | 0 | 0 | 0 |
| 17 | 0,1 | STERRASX | LinStatic | -4,901 | 18,544 | 0 | 0 | 0 |
| 17 | 0 | STERRADX | LinStatic | -23,706 | -18,563 | 0 | 0 | 0 |
| 17 | 0,1 | STERRADX | LinStatic | -23,706 | -18,563 | 0 | 0 | 0 |
| 17 | 0 | TERMP | LinStatic | 1,521 | 0,007 | 0 | 0 | 0 |
| 17 | 0,1 | TERMP | LinStatic | 1,521 | 0,007 | 0 | 0 | 0 |
| 17 | 0 | TERMN | LinStatic | -4,563 | -0,021 | 0 | 0 | 0 |
| 17 | 0,1 | TERMN | LinStatic | -4,563 | -0,021 | 0 | 0 | 0 |
| 17 | 0 | GRADTP | LinStatic | -5,139 | -0,007497 | 0 | 0 | 0 |
| 17 | 0,1 | GRADTP | LinStatic | -5,139 | -0,007497 | 0 | 0 | 0 |
| 17 | 0 | GRADTN | LinStatic | 5,139 | 0,007497 | 0 | 0 | 0 |
| 17 | 0,1 | GRADTN | LinStatic | 5,139 | 0,007497 | 0 | 0 | 0 |
| 17 | 0 | LM71C | LinStatic | -0,096 | -31,195 | 0 | 0 | 0 |
| 17 | 0,1 | LM71C | LinStatic | -0,096 | -31,195 | 0 | 0 | 0 |
| 17 | 0 | STLM71 | LinStatic | -3,376 | 25,442 | 0 | 0 | 0 |
| 17 | 0,1 | STLM71 | LinStatic | -3,376 | 25,442 | 0 | 0 | 0 |
| 17 | 0 | AVVLM71 | LinStatic | 5,17 | 20,369 | 0 | 0 | 0 |
| 17 | 0,1 | AVVLM71 | LinStatic | 5,17 | 20,369 | 0 | 0 | 0 |
| 17 | 0 | SW2 | LinStatic | -0,075 | -24,46 | 0 | 0 | 0 |
| 17 | 0,1 | SW2 | LinStatic | -0,075 | -24,46 | 0 | 0 | 0 |
| 17 | 0 | STSW2 | LinStatic | -2,647 | 19,946 | 0 | 0 | 0 |
| 17 | 0,1 | STSW2 | LinStatic | -2,647 | 19,946 | 0 | 0 | 0 |
| 17 | 0 | FRENSW2 | LinStatic | 5,485 | 21,61 | 0 | 0 | 0 |
| 17 | 0,1 | FRENSW2 | LinStatic | 5,485 | 21,61 | 0 | 0 | 0 |
| 17 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 17 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 17 | 0 | INCRTER | LinStatic | -3,012 | 22,694 | 0 | 0 | 0 |
| 17 | 0,1 | INCRTER | LinStatic | -3,012 | 22,694 | 0 | 0 | 0 |
| 17 | 0 | LM71SISO | LinStatic | 1,944 | 7,658 | 0 | 0 | 0 |
| 17 | 0,1 | LM71SISO | LinStatic | 1,944 | 7,658 | 0 | 0 | 0 |
| 17 | 0 | SW2SISO | LinStatic | 1,521 | 5,992 | 0 | 0 | 0 |
| 17 | 0,1 | SW2SISO | LinStatic | 1,521 | 5,992 | 0 | 0 | 0 |
| 17 | 0 | SISMAO | LinStatic | 6,007 | 20,159 | 0 | 0 | 0 |
| 17 | 0,1 | SISMAO | LinStatic | 6,007 | 20,159 | 0 | 0 | 0 |
| 17 | 0 | LM71SVA | LinStatic | 0,002864 | 0,928 | 0 | 0 | 0 |
| 17 | 0,1 | LM71SVA | LinStatic | 0,002864 | 0,928 | 0 | 0 | 0 |
| 17 | 0 | SW2SVA | LinStatic | 0,002255 | 0,731 | 0 | 0 | 0 |
| 17 | 0,1 | SW2SVA | LinStatic | 0,002255 | 0,731 | 0 | 0 | 0 |
| 17 | 0 | SISMAVA | LinStatic | 0,383 | 3,301 | 0 | 0 | 0 |
| 17 | 0,1 | SISMAVA | LinStatic | 0,383 | 3,301 | 0 | 0 | 0 |
| 17 | 0 | LM71SVB | LinStatic | -0,002864 | -0,928 | 0 | 0 | 0 |
| 17 | 0,1 | LM71SVB | LinStatic | -0,002864 | -0,928 | 0 | 0 | 0 |
| 17 | 0 | SW2SVB | LinStatic | -0,002255 | -0,731 | 0 | 0 | 0 |
| 17 | 0,1 | SW2SVB | LinStatic | -0,002255 | -0,731 | 0 | 0 | 0 |
| 17 | 0 | SISMAVB | LinStatic | -0,383 | -3,301 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|-----------|----------|-----------|------------|
| 17 | 0,1 | SISMAVB | LinStatic | -0,383 | -3,301 | 0 | 0 | 0 |
| 18 | 0 | PP | LinStatic | -2,542 | -14,828 | 0 | 0 | 0 |
| 18 | 0,1 | PP | LinStatic | -2,542 | -13,954 | 0 | 0 | 0 |
| 18 | 0 | REINTSUP | LinStatic | -0,00996 | -3,947 | 0 | 0 | 0 |
| 18 | 0,1 | REINTSUP | LinStatic | -0,00996 | -3,947 | 0 | 0 | 0 |
| 18 | 0 | BALLAST | LinStatic | -0,022 | -8,772 | 0 | 0 | 0 |
| 18 | 0,1 | BALLAST | LinStatic | -0,022 | -8,772 | 0 | 0 | 0 |
| 18 | 0 | STERRASX | LinStatic | -2,811 | 16,314 | 0 | 0 | 0 |
| 18 | 0,1 | STERRASX | LinStatic | -2,811 | 16,314 | 0 | 0 | 0 |
| 18 | 0 | STERRADX | LinStatic | -25,796 | -16,336 | 0 | 0 | 0 |
| 18 | 0,1 | STERRADX | LinStatic | -25,796 | -16,336 | 0 | 0 | 0 |
| 18 | 0 | TERMP | LinStatic | 1,521 | 0,007834 | 0 | 0 | 0 |
| 18 | 0,1 | TERMP | LinStatic | 1,521 | 0,007834 | 0 | 0 | 0 |
| 18 | 0 | TERMN | LinStatic | -4,563 | -0,024 | 0 | 0 | 0 |
| 18 | 0,1 | TERMN | LinStatic | -4,563 | -0,024 | 0 | 0 | 0 |
| 18 | 0 | GRADTP | LinStatic | -5,139 | -0,008391 | 0 | 0 | 0 |
| 18 | 0,1 | GRADTP | LinStatic | -5,139 | -0,008391 | 0 | 0 | 0 |
| 18 | 0 | GRADTN | LinStatic | 5,139 | 0,008391 | 0 | 0 | 0 |
| 18 | 0,1 | GRADTN | LinStatic | 5,139 | 0,008391 | 0 | 0 | 0 |
| 18 | 0 | LM71C | LinStatic | -0,096 | -38,14 | 0 | 0 | 0 |
| 18 | 0,1 | LM71C | LinStatic | -0,096 | -38,14 | 0 | 0 | 0 |
| 18 | 0 | STLM71 | LinStatic | -0,904 | 22,302 | 0 | 0 | 0 |
| 18 | 0,1 | STLM71 | LinStatic | -0,904 | 22,302 | 0 | 0 | 0 |
| 18 | 0 | AVVLM71 | LinStatic | 6,319 | 17,451 | 0 | 0 | 0 |
| 18 | 0,1 | AVVLM71 | LinStatic | 6,319 | 17,451 | 0 | 0 | 0 |
| 18 | 0 | SW2 | LinStatic | -0,075 | -29,906 | 0 | 0 | 0 |
| 18 | 0,1 | SW2 | LinStatic | -0,075 | -29,906 | 0 | 0 | 0 |
| 18 | 0 | STSW2 | LinStatic | -0,709 | 17,484 | 0 | 0 | 0 |
| 18 | 0,1 | STSW2 | LinStatic | -0,709 | 17,484 | 0 | 0 | 0 |
| 18 | 0 | FRENSW2 | LinStatic | 6,704 | 18,514 | 0 | 0 | 0 |
| 18 | 0,1 | FRENSW2 | LinStatic | 6,704 | 18,514 | 0 | 0 | 0 |
| 18 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 18 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 18 | 0 | INCRTER | LinStatic | -0,807 | 19,893 | 0 | 0 | 0 |
| 18 | 0,1 | INCRTER | LinStatic | -0,807 | 19,893 | 0 | 0 | 0 |
| 18 | 0 | LM71SISO | LinStatic | 2,376 | 6,561 | 0 | 0 | 0 |
| 18 | 0,1 | LM71SISO | LinStatic | 2,376 | 6,561 | 0 | 0 | 0 |
| 18 | 0 | SW2SISO | LinStatic | 1,859 | 5,133 | 0 | 0 | 0 |
| 18 | 0,1 | SW2SISO | LinStatic | 1,859 | 5,133 | 0 | 0 | 0 |
| 18 | 0 | SISMAO | LinStatic | 7,342 | 17,368 | 0 | 0 | 0 |
| 18 | 0,1 | SISMAO | LinStatic | 7,342 | 17,368 | 0 | 0 | 0 |
| 18 | 0 | LM71SVA | LinStatic | 0,002864 | 1,135 | 0 | 0 | 0 |
| 18 | 0,1 | LM71SVA | LinStatic | 0,002864 | 1,135 | 0 | 0 | 0 |
| 18 | 0 | SW2SVA | LinStatic | 0,002255 | 0,894 | 0 | 0 | 0 |
| 18 | 0,1 | SW2SVA | LinStatic | 0,002255 | 0,894 | 0 | 0 | 0 |
| 18 | 0 | SISMAVA | LinStatic | 0,383 | 4,036 | 0 | 0 | 0 |
| 18 | 0,1 | SISMAVA | LinStatic | 0,383 | 4,036 | 0 | 0 | 0 |
| 18 | 0 | LM71SVB | LinStatic | -0,002864 | -1,135 | 0 | 0 | 0 |
| 18 | 0,1 | LM71SVB | LinStatic | -0,002864 | -1,135 | 0 | 0 | 0 |
| 18 | 0 | SW2SVB | LinStatic | -0,002255 | -0,894 | 0 | 0 | 0 |
| 18 | 0,1 | SW2SVB | LinStatic | -0,002255 | -0,894 | 0 | 0 | 0 |
| 18 | 0 | SISMAVB | LinStatic | -0,383 | -4,036 | 0 | 0 | 0 |
| 18 | 0,1 | SISMAVB | LinStatic | -0,383 | -4,036 | 0 | 0 | 0 |
| 19 | 0 | PP | LinStatic | -2,542 | -17,451 | 0 | 0 | 0 |
| 19 | 0,1 | PP | LinStatic | -2,542 | -16,576 | 0 | 0 | 0 |
| 19 | 0 | REINTSUP | LinStatic | -0,00996 | -4,667 | 0 | 0 | 0 |
| 19 | 0,1 | REINTSUP | LinStatic | -0,00996 | -4,667 | 0 | 0 | 0 |
| 19 | 0 | BALLAST | LinStatic | -0,022 | -10,371 | 0 | 0 | 0 |
| 19 | 0,1 | BALLAST | LinStatic | -0,022 | -10,371 | 0 | 0 | 0 |
| 19 | 0 | STERRASX | LinStatic | -0,722 | 13,638 | 0 | 0 | 0 |
| 19 | 0,1 | STERRASX | LinStatic | -0,722 | 13,638 | 0 | 0 | 0 |
| 19 | 0 | STERRADX | LinStatic | -27,885 | -13,661 | 0 | 0 | 0 |
| 19 | 0,1 | STERRADX | LinStatic | -27,885 | -13,661 | 0 | 0 | 0 |
| 19 | 0 | TERMP | LinStatic | 1,521 | 0,008235 | 0 | 0 | 0 |
| 19 | 0,1 | TERMP | LinStatic | 1,521 | 0,008235 | 0 | 0 | 0 |
| 19 | 0 | TERMN | LinStatic | -4,563 | -0,025 | 0 | 0 | 0 |
| 19 | 0,1 | TERMN | LinStatic | -4,563 | -0,025 | 0 | 0 | 0 |
| 19 | 0 | GRADTP | LinStatic | -5,139 | -0,00882 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|-----------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 19 | 0,1 | GRADTP | LinStatic | -5,139 | -0,00882 | 0 | 0 | 0 |
| 19 | 0 | GRADTN | LinStatic | 5,139 | 0,00882 | 0 | 0 | 0 |
| 19 | 0,1 | GRADTN | LinStatic | 5,139 | 0,00882 | 0 | 0 | 0 |
| 19 | 0 | LM71C | LinStatic | -0,096 | -45,093 | 0 | 0 | 0 |
| 19 | 0,1 | LM71C | LinStatic | -0,096 | -45,093 | 0 | 0 | 0 |
| 19 | 0 | STLM71 | LinStatic | 1,568 | 18,534 | 0 | 0 | 0 |
| 19 | 0,1 | STLM71 | LinStatic | 1,568 | 18,534 | 0 | 0 | 0 |
| 19 | 0 | AVVLM71 | LinStatic | 7,468 | 13,947 | 0 | 0 | 0 |
| 19 | 0,1 | AVVLM71 | LinStatic | 7,468 | 13,947 | 0 | 0 | 0 |
| 19 | 0 | SW2 | LinStatic | -0,075 | -35,358 | 0 | 0 | 0 |
| 19 | 0,1 | SW2 | LinStatic | -0,075 | -35,358 | 0 | 0 | 0 |
| 19 | 0 | STSW2 | LinStatic | 1,229 | 14,53 | 0 | 0 | 0 |
| 19 | 0,1 | STSW2 | LinStatic | 1,229 | 14,53 | 0 | 0 | 0 |
| 19 | 0 | FRENSW2 | LinStatic | 7,923 | 14,797 | 0 | 0 | 0 |
| 19 | 0,1 | FRENSW2 | LinStatic | 7,923 | 14,797 | 0 | 0 | 0 |
| 19 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 19 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 19 | 0 | INCRTER | LinStatic | 1,398 | 16,532 | 0 | 0 | 0 |
| 19 | 0,1 | INCRTER | LinStatic | 1,398 | 16,532 | 0 | 0 | 0 |
| 19 | 0 | LM71SISO | LinStatic | 2,808 | 5,244 | 0 | 0 | 0 |
| 19 | 0,1 | LM71SISO | LinStatic | 2,808 | 5,244 | 0 | 0 | 0 |
| 19 | 0 | SW2SISO | LinStatic | 2,197 | 4,103 | 0 | 0 | 0 |
| 19 | 0,1 | SW2SISO | LinStatic | 2,197 | 4,103 | 0 | 0 | 0 |
| 19 | 0 | SISMAO | LinStatic | 8,677 | 14,017 | 0 | 0 | 0 |
| 19 | 0,1 | SISMAO | LinStatic | 8,677 | 14,017 | 0 | 0 | 0 |
| 19 | 0 | LM71SVA | LinStatic | 0,002864 | 1,342 | 0 | 0 | 0 |
| 19 | 0,1 | LM71SVA | LinStatic | 0,002864 | 1,342 | 0 | 0 | 0 |
| 19 | 0 | SW2SVA | LinStatic | 0,002255 | 1,057 | 0 | 0 | 0 |
| 19 | 0,1 | SW2SVA | LinStatic | 0,002255 | 1,057 | 0 | 0 | 0 |
| 19 | 0 | SISMAVA | LinStatic | 0,383 | 4,771 | 0 | 0 | 0 |
| 19 | 0,1 | SISMAVA | LinStatic | 0,383 | 4,771 | 0 | 0 | 0 |
| 19 | 0 | LM71SVB | LinStatic | -0,002864 | -1,342 | 0 | 0 | 0 |
| 19 | 0,1 | LM71SVB | LinStatic | -0,002864 | -1,342 | 0 | 0 | 0 |
| 19 | 0 | SW2SVB | LinStatic | -0,002255 | -1,057 | 0 | 0 | 0 |
| 19 | 0,1 | SW2SVB | LinStatic | -0,002255 | -1,057 | 0 | 0 | 0 |
| 19 | 0 | SISMAVB | LinStatic | -0,383 | -4,771 | 0 | 0 | 0 |
| 19 | 0,1 | SISMAVB | LinStatic | -0,383 | -4,771 | 0 | 0 | 0 |
| 20 | 0 | PP | LinStatic | -2,542 | -20,077 | 0 | 0 | 0 |
| 20 | 0,1 | PP | LinStatic | -2,542 | -19,202 | 0 | 0 | 0 |
| 20 | 0 | REINTSUP | LinStatic | -0,009961 | -5,387 | 0 | 0 | 0 |
| 20 | 0,1 | REINTSUP | LinStatic | -0,009961 | -5,387 | 0 | 0 | 0 |
| 20 | 0 | BALLAST | LinStatic | -0,022 | -11,972 | 0 | 0 | 0 |
| 20 | 0,1 | BALLAST | LinStatic | -0,022 | -11,972 | 0 | 0 | 0 |
| 20 | 0 | STERRASX | LinStatic | 1,368 | 10,515 | 0 | 0 | 0 |
| 20 | 0,1 | STERRASX | LinStatic | 1,368 | 10,515 | 0 | 0 | 0 |
| 20 | 0 | STERRADX | LinStatic | -29,975 | -10,538 | 0 | 0 | 0 |
| 20 | 0,1 | STERRADX | LinStatic | -29,975 | -10,538 | 0 | 0 | 0 |
| 20 | 0 | TERMP | LinStatic | 1,521 | 0,008125 | 0 | 0 | 0 |
| 20 | 0,1 | TERMP | LinStatic | 1,521 | 0,008125 | 0 | 0 | 0 |
| 20 | 0 | TERMN | LinStatic | -4,563 | -0,024 | 0 | 0 | 0 |
| 20 | 0,1 | TERMN | LinStatic | -4,563 | -0,024 | 0 | 0 | 0 |
| 20 | 0 | GRADTP | LinStatic | -5,139 | -0,008702 | 0 | 0 | 0 |
| 20 | 0,1 | GRADTP | LinStatic | -5,139 | -0,008702 | 0 | 0 | 0 |
| 20 | 0 | GRADTN | LinStatic | 5,139 | 0,008702 | 0 | 0 | 0 |
| 20 | 0,1 | GRADTN | LinStatic | 5,139 | 0,008702 | 0 | 0 | 0 |
| 20 | 0 | LM71C | LinStatic | -0,096 | -52,054 | 0 | 0 | 0 |
| 20 | 0,1 | LM71C | LinStatic | -0,096 | -52,054 | 0 | 0 | 0 |
| 20 | 0 | STLM71 | LinStatic | 4,04 | 14,136 | 0 | 0 | 0 |
| 20 | 0,1 | STLM71 | LinStatic | 4,04 | 14,136 | 0 | 0 | 0 |
| 20 | 0 | AVVLM71 | LinStatic | 8,617 | 9,859 | 0 | 0 | 0 |
| 20 | 0,1 | AVVLM71 | LinStatic | 8,617 | 9,859 | 0 | 0 | 0 |
| 20 | 0 | SW2 | LinStatic | -0,075 | -40,816 | 0 | 0 | 0 |
| 20 | 0,1 | SW2 | LinStatic | -0,075 | -40,816 | 0 | 0 | 0 |
| 20 | 0 | STSW2 | LinStatic | 3,167 | 11,083 | 0 | 0 | 0 |
| 20 | 0,1 | STSW2 | LinStatic | 3,167 | 11,083 | 0 | 0 | 0 |
| 20 | 0 | FRENSW2 | LinStatic | 9,142 | 10,459 | 0 | 0 | 0 |
| 20 | 0,1 | FRENSW2 | LinStatic | 9,142 | 10,459 | 0 | 0 | 0 |
| 20 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|-----------|----------|-----------|------------|
| 20 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 20 | 0 | INCRTER | LinStatic | 3,603 | 12,609 | 0 | 0 | 0 |
| 20 | 0,1 | INCRTER | LinStatic | 3,603 | 12,609 | 0 | 0 | 0 |
| 20 | 0 | LM71SISO | LinStatic | 3,24 | 3,707 | 0 | 0 | 0 |
| 20 | 0,1 | LM71SISO | LinStatic | 3,24 | 3,707 | 0 | 0 | 0 |
| 20 | 0 | SW2SISO | LinStatic | 2,535 | 2,9 | 0 | 0 | 0 |
| 20 | 0,1 | SW2SISO | LinStatic | 2,535 | 2,9 | 0 | 0 | 0 |
| 20 | 0 | SISMAO | LinStatic | 10,012 | 10,106 | 0 | 0 | 0 |
| 20 | 0,1 | SISMAO | LinStatic | 10,012 | 10,106 | 0 | 0 | 0 |
| 20 | 0 | LM71SVA | LinStatic | 0,002864 | 1,549 | 0 | 0 | 0 |
| 20 | 0,1 | LM71SVA | LinStatic | 0,002864 | 1,549 | 0 | 0 | 0 |
| 20 | 0 | SW2SVA | LinStatic | 0,002255 | 1,22 | 0 | 0 | 0 |
| 20 | 0,1 | SW2SVA | LinStatic | 0,002255 | 1,22 | 0 | 0 | 0 |
| 20 | 0 | SISMAVA | LinStatic | 0,383 | 5,508 | 0 | 0 | 0 |
| 20 | 0,1 | SISMAVA | LinStatic | 0,383 | 5,508 | 0 | 0 | 0 |
| 20 | 0 | LM71SVB | LinStatic | -0,002864 | -1,549 | 0 | 0 | 0 |
| 20 | 0,1 | LM71SVB | LinStatic | -0,002864 | -1,549 | 0 | 0 | 0 |
| 20 | 0 | SW2SVB | LinStatic | -0,002255 | -1,22 | 0 | 0 | 0 |
| 20 | 0,1 | SW2SVB | LinStatic | -0,002255 | -1,22 | 0 | 0 | 0 |
| 20 | 0 | SISMAVB | LinStatic | -0,383 | -5,508 | 0 | 0 | 0 |
| 20 | 0,1 | SISMAVB | LinStatic | -0,383 | -5,508 | 0 | 0 | 0 |
| 21 | 0 | PP | LinStatic | -2,542 | -22,705 | 0 | 0 | 0 |
| 21 | 0,1 | PP | LinStatic | -2,542 | -21,831 | 0 | 0 | 0 |
| 21 | 0 | REINTSUP | LinStatic | -0,009961 | -6,109 | 0 | 0 | 0 |
| 21 | 0,1 | REINTSUP | LinStatic | -0,009961 | -6,109 | 0 | 0 | 0 |
| 21 | 0 | BALLAST | LinStatic | -0,022 | -13,575 | 0 | 0 | 0 |
| 21 | 0,1 | BALLAST | LinStatic | -0,022 | -13,575 | 0 | 0 | 0 |
| 21 | 0 | STERRASX | LinStatic | 3,457 | 6,945 | 0 | 0 | 0 |
| 21 | 0,1 | STERRASX | LinStatic | 3,457 | 6,945 | 0 | 0 | 0 |
| 21 | 0 | STERRADX | LinStatic | -32,065 | -6,966 | 0 | 0 | 0 |
| 21 | 0,1 | STERRADX | LinStatic | -32,065 | -6,966 | 0 | 0 | 0 |
| 21 | 0 | TERMP | LinStatic | 1,521 | 0,007424 | 0 | 0 | 0 |
| 21 | 0,1 | TERMP | LinStatic | 1,521 | 0,007424 | 0 | 0 | 0 |
| 21 | 0 | TERMN | LinStatic | -4,563 | -0,022 | 0 | 0 | 0 |
| 21 | 0,1 | TERMN | LinStatic | -4,563 | -0,022 | 0 | 0 | 0 |
| 21 | 0 | GRADTP | LinStatic | -5,139 | -0,007951 | 0 | 0 | 0 |
| 21 | 0,1 | GRADTP | LinStatic | -5,139 | -0,007951 | 0 | 0 | 0 |
| 21 | 0 | GRADTN | LinStatic | 5,139 | 0,007951 | 0 | 0 | 0 |
| 21 | 0,1 | GRADTN | LinStatic | 5,139 | 0,007951 | 0 | 0 | 0 |
| 21 | 0 | LM71C | LinStatic | -0,096 | -59,024 | 0 | 0 | 0 |
| 21 | 0,1 | LM71C | LinStatic | -0,096 | -59,024 | 0 | 0 | 0 |
| 21 | 0 | STLM71 | LinStatic | 6,512 | 9,109 | 0 | 0 | 0 |
| 21 | 0,1 | STLM71 | LinStatic | 6,512 | 9,109 | 0 | 0 | 0 |
| 21 | 0 | AVVLM71 | LinStatic | 9,766 | 5,184 | 0 | 0 | 0 |
| 21 | 0,1 | AVVLM71 | LinStatic | 9,766 | 5,184 | 0 | 0 | 0 |
| 21 | 0 | SW2 | LinStatic | -0,075 | -46,281 | 0 | 0 | 0 |
| 21 | 0,1 | SW2 | LinStatic | -0,075 | -46,281 | 0 | 0 | 0 |
| 21 | 0 | STSW2 | LinStatic | 5,105 | 7,141 | 0 | 0 | 0 |
| 21 | 0,1 | STSW2 | LinStatic | 5,105 | 7,141 | 0 | 0 | 0 |
| 21 | 0 | FRENSW2 | LinStatic | 10,361 | 5,5 | 0 | 0 | 0 |
| 21 | 0,1 | FRENSW2 | LinStatic | 10,361 | 5,5 | 0 | 0 | 0 |
| 21 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 21 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 21 | 0 | INCRTER | LinStatic | 5,808 | 8,125 | 0 | 0 | 0 |
| 21 | 0,1 | INCRTER | LinStatic | 5,808 | 8,125 | 0 | 0 | 0 |
| 21 | 0 | LM71SISO | LinStatic | 3,672 | 1,949 | 0 | 0 | 0 |
| 21 | 0,1 | LM71SISO | LinStatic | 3,672 | 1,949 | 0 | 0 | 0 |
| 21 | 0 | SW2SISO | LinStatic | 2,873 | 1,525 | 0 | 0 | 0 |
| 21 | 0,1 | SW2SISO | LinStatic | 2,873 | 1,525 | 0 | 0 | 0 |
| 21 | 0 | SISMAO | LinStatic | 11,347 | 5,635 | 0 | 0 | 0 |
| 21 | 0,1 | SISMAO | LinStatic | 11,347 | 5,635 | 0 | 0 | 0 |
| 21 | 0 | LM71SVA | LinStatic | 0,002864 | 1,756 | 0 | 0 | 0 |
| 21 | 0,1 | LM71SVA | LinStatic | 0,002864 | 1,756 | 0 | 0 | 0 |
| 21 | 0 | SW2SVA | LinStatic | 0,002255 | 1,383 | 0 | 0 | 0 |
| 21 | 0,1 | SW2SVA | LinStatic | 0,002255 | 1,383 | 0 | 0 | 0 |
| 21 | 0 | SISMAVA | LinStatic | 0,383 | 6,245 | 0 | 0 | 0 |
| 21 | 0,1 | SISMAVA | LinStatic | 0,383 | 6,245 | 0 | 0 | 0 |
| 21 | 0 | LM71SVB | LinStatic | -0,002864 | -1,756 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|-----------|----------|-----------|------------|
| 21 | 0,1 | LM71SVB | LinStatic | -0,002864 | -1,756 | 0 | 0 | 0 |
| 21 | 0 | SW2SVB | LinStatic | -0,002255 | -1,383 | 0 | 0 | 0 |
| 21 | 0,1 | SW2SVB | LinStatic | -0,002255 | -1,383 | 0 | 0 | 0 |
| 21 | 0 | SISMAVB | LinStatic | -0,383 | -6,245 | 0 | 0 | 0 |
| 21 | 0,1 | SISMAVB | LinStatic | -0,383 | -6,245 | 0 | 0 | 0 |
| 22 | 0 | PP | LinStatic | -2,542 | -25,338 | 0 | 0 | 0 |
| 22 | 0,1 | PP | LinStatic | -2,542 | -24,463 | 0 | 0 | 0 |
| 22 | 0 | REINTSUP | LinStatic | -0,009961 | -6,831 | 0 | 0 | 0 |
| 22 | 0,1 | REINTSUP | LinStatic | -0,009961 | -6,831 | 0 | 0 | 0 |
| 22 | 0 | BALLAST | LinStatic | -0,022 | -15,18 | 0 | 0 | 0 |
| 22 | 0,1 | BALLAST | LinStatic | -0,022 | -15,18 | 0 | 0 | 0 |
| 22 | 0 | STERRASX | LinStatic | 5,547 | 2,928 | 0 | 0 | 0 |
| 22 | 0,1 | STERRASX | LinStatic | 5,547 | 2,928 | 0 | 0 | 0 |
| 22 | 0 | STERRADX | LinStatic | -34,154 | -2,945 | 0 | 0 | 0 |
| 22 | 0,1 | STERRADX | LinStatic | -34,154 | -2,945 | 0 | 0 | 0 |
| 22 | 0 | TERMP | LinStatic | 1,521 | 0,006053 | 0 | 0 | 0 |
| 22 | 0,1 | TERMP | LinStatic | 1,521 | 0,006053 | 0 | 0 | 0 |
| 22 | 0 | TERMN | LinStatic | -4,563 | -0,018 | 0 | 0 | 0 |
| 22 | 0,1 | TERMN | LinStatic | -4,563 | -0,018 | 0 | 0 | 0 |
| 22 | 0 | GRADTP | LinStatic | -5,139 | -0,006484 | 0 | 0 | 0 |
| 22 | 0,1 | GRADTP | LinStatic | -5,139 | -0,006484 | 0 | 0 | 0 |
| 22 | 0 | GRADTN | LinStatic | 5,139 | 0,006484 | 0 | 0 | 0 |
| 22 | 0,1 | GRADTN | LinStatic | 5,139 | 0,006484 | 0 | 0 | 0 |
| 22 | 0 | LM71C | LinStatic | -0,096 | -66,004 | 0 | 0 | 0 |
| 22 | 0,1 | LM71C | LinStatic | -0,096 | -66,004 | 0 | 0 | 0 |
| 22 | 0 | STLM71 | LinStatic | 8,984 | 3,451 | 0 | 0 | 0 |
| 22 | 0,1 | STLM71 | LinStatic | 8,984 | 3,451 | 0 | 0 | 0 |
| 22 | 0 | AVVLM71 | LinStatic | 10,915 | -0,078 | 0 | 0 | 0 |
| 22 | 0,1 | AVVLM71 | LinStatic | 10,915 | -0,078 | 0 | 0 | 0 |
| 22 | 0 | SW2 | LinStatic | -0,075 | -51,754 | 0 | 0 | 0 |
| 22 | 0,1 | SW2 | LinStatic | -0,075 | -51,754 | 0 | 0 | 0 |
| 22 | 0 | STSW2 | LinStatic | 7,043 | 2,705 | 0 | 0 | 0 |
| 22 | 0,1 | STSW2 | LinStatic | 7,043 | 2,705 | 0 | 0 | 0 |
| 22 | 0 | FRENSW2 | LinStatic | 11,58 | -0,083 | 0 | 0 | 0 |
| 22 | 0,1 | FRENSW2 | LinStatic | 11,58 | -0,083 | 0 | 0 | 0 |
| 22 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 22 | 0,1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 22 | 0 | INCRTER | LinStatic | 8,013 | 3,078 | 0 | 0 | 0 |
| 22 | 0,1 | INCRTER | LinStatic | 8,013 | 3,078 | 0 | 0 | 0 |
| 22 | 0 | LM71SISO | LinStatic | 4,104 | -0,029 | 0 | 0 | 0 |
| 22 | 0,1 | LM71SISO | LinStatic | 4,104 | -0,029 | 0 | 0 | 0 |
| 22 | 0 | SW2SISO | LinStatic | 3,211 | -0,023 | 0 | 0 | 0 |
| 22 | 0,1 | SW2SISO | LinStatic | 3,211 | -0,023 | 0 | 0 | 0 |
| 22 | 0 | SISMAO | LinStatic | 12,682 | 0,602 | 0 | 0 | 0 |
| 22 | 0,1 | SISMAO | LinStatic | 12,682 | 0,602 | 0 | 0 | 0 |
| 22 | 0 | LM71SVA | LinStatic | 0,002864 | 1,964 | 0 | 0 | 0 |
| 22 | 0,1 | LM71SVA | LinStatic | 0,002864 | 1,964 | 0 | 0 | 0 |
| 22 | 0 | SW2SVA | LinStatic | 0,002255 | 1,546 | 0 | 0 | 0 |
| 22 | 0,1 | SW2SVA | LinStatic | 0,002255 | 1,546 | 0 | 0 | 0 |
| 22 | 0 | SISMAVA | LinStatic | 0,383 | 6,983 | 0 | 0 | 0 |
| 22 | 0,1 | SISMAVA | LinStatic | 0,383 | 6,983 | 0 | 0 | 0 |
| 22 | 0 | LM71SVB | LinStatic | -0,002864 | -1,964 | 0 | 0 | 0 |
| 22 | 0,1 | LM71SVB | LinStatic | -0,002864 | -1,964 | 0 | 0 | 0 |
| 22 | 0 | SW2SVB | LinStatic | -0,002255 | -1,546 | 0 | 0 | 0 |
| 22 | 0,1 | SW2SVB | LinStatic | -0,002255 | -1,546 | 0 | 0 | 0 |
| 22 | 0 | SISMAVB | LinStatic | -0,383 | -6,983 | 0 | 0 | 0 |
| 22 | 0,1 | SISMAVB | LinStatic | -0,383 | -6,983 | 0 | 0 | 0 |
| 23 | 0 | PP | LinStatic | -2,542 | -27,754 | 0 | 0 | 0 |
| 23 | 0,0875 | PP | LinStatic | -2,542 | -26,988 | 0 | 0 | 0 |
| 23 | 0 | REINTSUP | LinStatic | -0,009961 | -7,509 | 0 | 0 | 0 |
| 23 | 0,0875 | REINTSUP | LinStatic | -0,009961 | -7,509 | 0 | 0 | 0 |
| 23 | 0 | BALLAST | LinStatic | -0,022 | -16,687 | 0 | 0 | 0 |
| 23 | 0,0875 | BALLAST | LinStatic | -0,022 | -16,687 | 0 | 0 | 0 |
| 23 | 0 | STERRASX | LinStatic | 7,505 | -1,259 | 0 | 0 | 0 |
| 23 | 0,0875 | STERRASX | LinStatic | 7,505 | -1,259 | 0 | 0 | 0 |
| 23 | 0 | STERRADX | LinStatic | -36,113 | 1,248 | 0 | 0 | 0 |
| 23 | 0,0875 | STERRADX | LinStatic | -36,113 | 1,248 | 0 | 0 | 0 |
| 23 | 0 | TERMP | LinStatic | 1,521 | 0,004067 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|-----------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 23 | 0,0875 | TERMP | LinStatic | 1,521 | 0,004067 | 0 | 0 | 0 |
| 23 | 0 | TERMN | LinStatic | -4,563 | -0,012 | 0 | 0 | 0 |
| 23 | 0,0875 | TERMN | LinStatic | -4,563 | -0,012 | 0 | 0 | 0 |
| 23 | 0 | GRADTP | LinStatic | -5,139 | -0,004356 | 0 | 0 | 0 |
| 23 | 0,0875 | GRADTP | LinStatic | -5,139 | -0,004356 | 0 | 0 | 0 |
| 23 | 0 | GRADTN | LinStatic | 5,139 | 0,004356 | 0 | 0 | 0 |
| 23 | 0,0875 | GRADTN | LinStatic | 5,139 | 0,004356 | 0 | 0 | 0 |
| 23 | 0 | LM71C | LinStatic | -0,096 | -72,556 | 0 | 0 | 0 |
| 23 | 0,0875 | LM71C | LinStatic | -0,096 | -72,556 | 0 | 0 | 0 |
| 23 | 0 | STLM71 | LinStatic | 11,301 | -2,446 | 0 | 0 | 0 |
| 23 | 0,0875 | STLM71 | LinStatic | 11,301 | -2,446 | 0 | 0 | 0 |
| 23 | 0 | AVVLM71 | LinStatic | 11,993 | -5,562 | 0 | 0 | 0 |
| 23 | 0,0875 | AVVLM71 | LinStatic | 11,993 | -5,562 | 0 | 0 | 0 |
| 23 | 0 | SW2 | LinStatic | -0,075 | -56,892 | 0 | 0 | 0 |
| 23 | 0,0875 | SW2 | LinStatic | -0,075 | -56,892 | 0 | 0 | 0 |
| 23 | 0 | STSW2 | LinStatic | 8,86 | -1,918 | 0 | 0 | 0 |
| 23 | 0,0875 | STSW2 | LinStatic | 8,86 | -1,918 | 0 | 0 | 0 |
| 23 | 0 | FRENSW2 | LinStatic | 12,723 | -5,901 | 0 | 0 | 0 |
| 23 | 0,0875 | FRENSW2 | LinStatic | 12,723 | -5,901 | 0 | 0 | 0 |
| 23 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 23 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 23 | 0 | INCRTER | LinStatic | 10,08 | -2,182 | 0 | 0 | 0 |
| 23 | 0,0875 | INCRTER | LinStatic | 10,08 | -2,182 | 0 | 0 | 0 |
| 23 | 0 | LM71SISO | LinStatic | 4,509 | -2,091 | 0 | 0 | 0 |
| 23 | 0,0875 | LM71SISO | LinStatic | 4,509 | -2,091 | 0 | 0 | 0 |
| 23 | 0 | SW2SISO | LinStatic | 3,528 | -1,636 | 0 | 0 | 0 |
| 23 | 0,0875 | SW2SISO | LinStatic | 3,528 | -1,636 | 0 | 0 | 0 |
| 23 | 0 | SISMAO | LinStatic | 13,934 | -4,644 | 0 | 0 | 0 |
| 23 | 0,0875 | SISMAO | LinStatic | 13,934 | -4,644 | 0 | 0 | 0 |
| 23 | 0 | LM71SVA | LinStatic | 0,002864 | 2,159 | 0 | 0 | 0 |
| 23 | 0,0875 | LM71SVA | LinStatic | 0,002864 | 2,159 | 0 | 0 | 0 |
| 23 | 0 | SW2SVA | LinStatic | 0,002255 | 1,7 | 0 | 0 | 0 |
| 23 | 0,0875 | SW2SVA | LinStatic | 0,002255 | 1,7 | 0 | 0 | 0 |
| 23 | 0 | SISMAVA | LinStatic | 0,383 | 7,676 | 0 | 0 | 0 |
| 23 | 0,0875 | SISMAVA | LinStatic | 0,383 | 7,676 | 0 | 0 | 0 |
| 23 | 0 | LM71SVB | LinStatic | -0,002864 | -2,159 | 0 | 0 | 0 |
| 23 | 0,0875 | LM71SVB | LinStatic | -0,002864 | -2,159 | 0 | 0 | 0 |
| 23 | 0 | SW2SVB | LinStatic | -0,002255 | -1,7 | 0 | 0 | 0 |
| 23 | 0,0875 | SW2SVB | LinStatic | -0,002255 | -1,7 | 0 | 0 | 0 |
| 23 | 0 | SISMAVB | LinStatic | -0,383 | -7,676 | 0 | 0 | 0 |
| 23 | 0,0875 | SISMAVB | LinStatic | -0,383 | -7,676 | 0 | 0 | 0 |
| 24 | 0 | PP | LinStatic | -2,542 | -30,062 | 0 | 0 | 0 |
| 24 | 0,0875 | PP | LinStatic | -2,542 | -29,297 | 0 | 0 | 0 |
| 24 | 0 | REINTSUP | LinStatic | -0,009961 | -8,143 | 0 | 0 | 0 |
| 24 | 0,0875 | REINTSUP | LinStatic | -0,009961 | -8,143 | 0 | 0 | 0 |
| 24 | 0 | BALLAST | LinStatic | -0,022 | -18,095 | 0 | 0 | 0 |
| 24 | 0,0875 | BALLAST | LinStatic | -0,022 | -18,095 | 0 | 0 | 0 |
| 24 | 0 | STERRASX | LinStatic | 9,334 | -5,511 | 0 | 0 | 0 |
| 24 | 0,0875 | STERRASX | LinStatic | 9,334 | -5,511 | 0 | 0 | 0 |
| 24 | 0 | STERRADX | LinStatic | -37,942 | 5,507 | 0 | 0 | 0 |
| 24 | 0,0875 | STERRADX | LinStatic | -37,942 | 5,507 | 0 | 0 | 0 |
| 24 | 0 | TERMP | LinStatic | 1,521 | 0,001583 | 0 | 0 | 0 |
| 24 | 0,0875 | TERMP | LinStatic | 1,521 | 0,001583 | 0 | 0 | 0 |
| 24 | 0 | TERMN | LinStatic | -4,563 | -0,00475 | 0 | 0 | 0 |
| 24 | 0,0875 | TERMN | LinStatic | -4,563 | -0,00475 | 0 | 0 | 0 |
| 24 | 0 | GRADTP | LinStatic | -5,139 | -0,001696 | 0 | 0 | 0 |
| 24 | 0,0875 | GRADTP | LinStatic | -5,139 | -0,001696 | 0 | 0 | 0 |
| 24 | 0 | GRADTN | LinStatic | 5,139 | 0,001696 | 0 | 0 | 0 |
| 24 | 0,0875 | GRADTN | LinStatic | 5,139 | 0,001696 | 0 | 0 | 0 |
| 24 | 0 | LM71C | LinStatic | -0,096 | -78,679 | 0 | 0 | 0 |
| 24 | 0,0875 | LM71C | LinStatic | -0,096 | -78,679 | 0 | 0 | 0 |
| 24 | 0 | STLM71 | LinStatic | 13,464 | -8,434 | 0 | 0 | 0 |
| 24 | 0,0875 | STLM71 | LinStatic | 13,464 | -8,434 | 0 | 0 | 0 |
| 24 | 0 | AVVLM71 | LinStatic | 12,998 | -11,132 | 0 | 0 | 0 |
| 24 | 0,0875 | AVVLM71 | LinStatic | 12,998 | -11,132 | 0 | 0 | 0 |
| 24 | 0 | SW2 | LinStatic | -0,075 | -61,693 | 0 | 0 | 0 |
| 24 | 0,0875 | SW2 | LinStatic | -0,075 | -61,693 | 0 | 0 | 0 |
| 24 | 0 | STSW2 | LinStatic | 10,555 | -6,612 | 0 | 0 | 0 |



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| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|------------|----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 24 | 0,0875 | STSW2 | LinStatic | 10,555 | -6,612 | 0 | 0 | 0 |
| 24 | 0 | FRENSW2 | LinStatic | 13,79 | -11,81 | 0 | 0 | 0 |
| 24 | 0,0875 | FRENSW2 | LinStatic | 13,79 | -11,81 | 0 | 0 | 0 |
| 24 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 24 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 24 | 0 | INCRTER | LinStatic | 12,01 | -7,523 | 0 | 0 | 0 |
| 24 | 0,0875 | INCRTER | LinStatic | 12,01 | -7,523 | 0 | 0 | 0 |
| 24 | 0 | LM71SISO | LinStatic | 4,887 | -4,185 | 0 | 0 | 0 |
| 24 | 0,0875 | LM71SISO | LinStatic | 4,887 | -4,185 | 0 | 0 | 0 |
| 24 | 0 | SW2SISO | LinStatic | 3,824 | -3,275 | 0 | 0 | 0 |
| 24 | 0,0875 | SW2SISO | LinStatic | 3,824 | -3,275 | 0 | 0 | 0 |
| 24 | 0 | SISMAO | LinStatic | 15,102 | -9,971 | 0 | 0 | 0 |
| 24 | 0,0875 | SISMAO | LinStatic | 15,102 | -9,971 | 0 | 0 | 0 |
| 24 | 0 | LM71SVA | LinStatic | 0,002864 | 2,341 | 0 | 0 | 0 |
| 24 | 0,0875 | LM71SVA | LinStatic | 0,002864 | 2,341 | 0 | 0 | 0 |
| 24 | 0 | SW2SVA | LinStatic | 0,002255 | 1,843 | 0 | 0 | 0 |
| 24 | 0,0875 | SW2SVA | LinStatic | 0,002255 | 1,843 | 0 | 0 | 0 |
| 24 | 0 | SISMAVA | LinStatic | 0,383 | 8,324 | 0 | 0 | 0 |
| 24 | 0,0875 | SISMAVA | LinStatic | 0,383 | 8,324 | 0 | 0 | 0 |
| 24 | 0 | LM71SVB | LinStatic | -0,002864 | -2,341 | 0 | 0 | 0 |
| 24 | 0,0875 | LM71SVB | LinStatic | -0,002864 | -2,341 | 0 | 0 | 0 |
| 24 | 0 | SW2SVB | LinStatic | -0,002255 | -1,843 | 0 | 0 | 0 |
| 24 | 0,0875 | SW2SVB | LinStatic | -0,002255 | -1,843 | 0 | 0 | 0 |
| 24 | 0 | SISMAVB | LinStatic | -0,383 | -8,324 | 0 | 0 | 0 |
| 24 | 0,0875 | SISMAVB | LinStatic | -0,383 | -8,324 | 0 | 0 | 0 |
| 25 | 0 | PP | LinStatic | -30,835 | 2,542 | 0 | 0 | 0 |
| 25 | 0,04375 | PP | LinStatic | -30,452 | 2,542 | 0 | 0 | 0 |
| 25 | 0,0875 | PP | LinStatic | -30,069 | 2,542 | 0 | 0 | 0 |
| 25 | 0 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 25 | 0,04375 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 25 | 0,0875 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 25 | 0 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 25 | 0,04375 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 25 | 0,0875 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 25 | 0 | STERRASX | LinStatic | 7,809 | 38,856 | 0 | 0 | 0 |
| 25 | 0,04375 | STERRASX | LinStatic | 7,809 | 37,511 | 0 | 0 | 0 |
| 25 | 0,0875 | STERRASX | LinStatic | 7,809 | 36,183 | 0 | 0 | 0 |
| 25 | 0 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 25 | 0,04375 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 25 | 0,0875 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 25 | 0 | TERMP | LinStatic | -4,547E-13 | -1,521 | 0 | 0 | 0 |
| 25 | 0,04375 | TERMP | LinStatic | -4,547E-13 | -1,521 | 0 | 0 | 0 |
| 25 | 0,0875 | TERMP | LinStatic | -4,547E-13 | -1,521 | 0 | 0 | 0 |
| 25 | 0 | TERMN | LinStatic | 1,364E-12 | 4,563 | 0 | 0 | 0 |
| 25 | 0,04375 | TERMN | LinStatic | 1,364E-12 | 4,563 | 0 | 0 | 0 |
| 25 | 0,0875 | TERMN | LinStatic | 1,364E-12 | 4,563 | 0 | 0 | 0 |
| 25 | 0 | GRADTP | LinStatic | -2,274E-13 | 5,139 | 0 | 0 | 0 |
| 25 | 0,04375 | GRADTP | LinStatic | -2,274E-13 | 5,139 | 0 | 0 | 0 |
| 25 | 0,0875 | GRADTP | LinStatic | -2,274E-13 | 5,139 | 0 | 0 | 0 |
| 25 | 0 | GRADTN | LinStatic | 2,274E-13 | -5,139 | 0 | 0 | 0 |
| 25 | 0,04375 | GRADTN | LinStatic | 2,274E-13 | -5,139 | 0 | 0 | 0 |
| 25 | 0,0875 | GRADTN | LinStatic | 2,274E-13 | -5,139 | 0 | 0 | 0 |
| 25 | 0 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 25 | 0,04375 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 25 | 0,0875 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 25 | 0 | STLM71 | LinStatic | 11,671 | 43,547 | 0 | 0 | 0 |
| 25 | 0,04375 | STLM71 | LinStatic | 11,671 | 42,465 | 0 | 0 | 0 |
| 25 | 0,0875 | STLM71 | LinStatic | 11,671 | 41,384 | 0 | 0 | 0 |
| 25 | 0 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 25 | 0,04375 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 25 | 0,0875 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 25 | 0 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 25 | 0,04375 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 25 | 0,0875 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 25 | 0 | STSW2 | LinStatic | 9,149 | 34,14 | 0 | 0 | 0 |
| 25 | 0,04375 | STSW2 | LinStatic | 9,149 | 33,292 | 0 | 0 | 0 |
| 25 | 0,0875 | STSW2 | LinStatic | 9,149 | 32,444 | 0 | 0 | 0 |
| 25 | 0 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|------------|-----------|----------|-----------|------------|
| 25 | 0,04375 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 25 | 0,0875 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 25 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 25 | 0,04375 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 25 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 25 | 0 | INCRTER | LinStatic | 10,41 | 38,843 | 0 | 0 | 0 |
| 25 | 0,04375 | INCRTER | LinStatic | 10,41 | 37,878 | 0 | 0 | 0 |
| 25 | 0,0875 | INCRTER | LinStatic | 10,41 | 36,914 | 0 | 0 | 0 |
| 25 | 0 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 25 | 0,04375 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 25 | 0,0875 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 25 | 0 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 25 | 0,04375 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 25 | 0,0875 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 25 | 0 | SISMAO | LinStatic | 12,85 | 15,686 | 0 | 0 | 0 |
| 25 | 0,04375 | SISMAO | LinStatic | 12,85 | 15,583 | 0 | 0 | 0 |
| 25 | 0,0875 | SISMAO | LinStatic | 12,85 | 15,48 | 0 | 0 | 0 |
| 25 | 0 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 25 | 0,04375 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 25 | 0,0875 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 25 | 0 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 25 | 0,04375 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 25 | 0,0875 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 25 | 0 | SISMAVA | LinStatic | 8,648 | -0,383 | 0 | 0 | 0 |
| 25 | 0,04375 | SISMAVA | LinStatic | 8,591 | -0,383 | 0 | 0 | 0 |
| 25 | 0,0875 | SISMAVA | LinStatic | 8,534 | -0,383 | 0 | 0 | 0 |
| 25 | 0 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 25 | 0,04375 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 25 | 0,0875 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 25 | 0 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 25 | 0,04375 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 25 | 0,0875 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 25 | 0 | SISMAVB | LinStatic | -8,648 | 0,383 | 0 | 0 | 0 |
| 25 | 0,04375 | SISMAVB | LinStatic | -8,591 | 0,383 | 0 | 0 | 0 |
| 25 | 0,0875 | SISMAVB | LinStatic | -8,534 | 0,383 | 0 | 0 | 0 |
| 26 | 0 | PP | LinStatic | -30,835 | -2,542 | 0 | 0 | 0 |
| 26 | 0,04375 | PP | LinStatic | -30,452 | -2,542 | 0 | 0 | 0 |
| 26 | 0,0875 | PP | LinStatic | -30,069 | -2,542 | 0 | 0 | 0 |
| 26 | 0 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 26 | 0,04375 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 26 | 0,0875 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 26 | 0 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 26 | 0,04375 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 26 | 0,0875 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 26 | 0 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 26 | 0,04375 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 26 | 0,0875 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 26 | 0 | STERRADX | LinStatic | 7,809 | -38,856 | 0 | 0 | 0 |
| 26 | 0,04375 | STERRADX | LinStatic | 7,809 | -37,511 | 0 | 0 | 0 |
| 26 | 0,0875 | STERRADX | LinStatic | 7,809 | -36,183 | 0 | 0 | 0 |
| 26 | 0 | TERMP | LinStatic | 1,023E-12 | 1,521 | 0 | 0 | 0 |
| 26 | 0,04375 | TERMP | LinStatic | 1,023E-12 | 1,521 | 0 | 0 | 0 |
| 26 | 0,0875 | TERMP | LinStatic | 1,023E-12 | 1,521 | 0 | 0 | 0 |
| 26 | 0 | TERMN | LinStatic | -2,728E-12 | -4,563 | 0 | 0 | 0 |
| 26 | 0,04375 | TERMN | LinStatic | -2,728E-12 | -4,563 | 0 | 0 | 0 |
| 26 | 0,0875 | TERMN | LinStatic | -2,728E-12 | -4,563 | 0 | 0 | 0 |
| 26 | 0 | GRADTP | LinStatic | -4,547E-13 | -5,139 | 0 | 0 | 0 |
| 26 | 0,04375 | GRADTP | LinStatic | -4,547E-13 | -5,139 | 0 | 0 | 0 |
| 26 | 0,0875 | GRADTP | LinStatic | -4,547E-13 | -5,139 | 0 | 0 | 0 |
| 26 | 0 | GRADTN | LinStatic | 4,547E-13 | 5,139 | 0 | 0 | 0 |
| 26 | 0,04375 | GRADTN | LinStatic | 4,547E-13 | 5,139 | 0 | 0 | 0 |
| 26 | 0,0875 | GRADTN | LinStatic | 4,547E-13 | 5,139 | 0 | 0 | 0 |
| 26 | 0 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 26 | 0,04375 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 26 | 0,0875 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 26 | 0 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 26 | 0,04375 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 26 | 0,0875 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |

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|-------|--------------|------------|-----------|------------|-----------|----------|-----------|------------|
| 26 | 0 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 26 | 0,04375 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 26 | 0,0875 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 26 | 0 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 26 | 0,04375 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 26 | 0,0875 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 26 | 0 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 26 | 0,04375 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 26 | 0,0875 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 26 | 0 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 26 | 0,04375 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 26 | 0,0875 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 26 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 26 | 0,04375 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 26 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 26 | 0 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 26 | 0,04375 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 26 | 0,0875 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 26 | 0 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 26 | 0,04375 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 26 | 0,0875 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 26 | 0 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 26 | 0,04375 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 26 | 0,0875 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 26 | 0 | SISMAO | LinStatic | -12,85 | 15,686 | 0 | 0 | 0 |
| 26 | 0,04375 | SISMAO | LinStatic | -12,85 | 15,583 | 0 | 0 | 0 |
| 26 | 0,0875 | SISMAO | LinStatic | -12,85 | 15,48 | 0 | 0 | 0 |
| 26 | 0 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 26 | 0,04375 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 26 | 0,0875 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 26 | 0 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 26 | 0,04375 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 26 | 0,0875 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 26 | 0 | SISMAVA | LinStatic | 8,648 | 0,383 | 0 | 0 | 0 |
| 26 | 0,04375 | SISMAVA | LinStatic | 8,591 | 0,383 | 0 | 0 | 0 |
| 26 | 0,0875 | SISMAVA | LinStatic | 8,534 | 0,383 | 0 | 0 | 0 |
| 26 | 0 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 26 | 0,04375 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 26 | 0,0875 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 26 | 0 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 26 | 0,04375 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 26 | 0,0875 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 26 | 0 | SISMAVB | LinStatic | -8,648 | -0,383 | 0 | 0 | 0 |
| 26 | 0,04375 | SISMAVB | LinStatic | -8,591 | -0,383 | 0 | 0 | 0 |
| 26 | 0,0875 | SISMAVB | LinStatic | -8,534 | -0,383 | 0 | 0 | 0 |
| 27 | 0 | PP | LinStatic | -30,069 | 2,542 | 0 | 0 | 0 |
| 27 | 0,04375 | PP | LinStatic | -29,687 | 2,542 | 0 | 0 | 0 |
| 27 | 0,0875 | PP | LinStatic | -29,304 | 2,542 | 0 | 0 | 0 |
| 27 | 0 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 27 | 0,04375 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 27 | 0,0875 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 27 | 0 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 27 | 0,04375 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 27 | 0,0875 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 27 | 0 | STERRASX | LinStatic | 7,809 | 36,183 | 0 | 0 | 0 |
| 27 | 0,04375 | STERRASX | LinStatic | 7,809 | 34,872 | 0 | 0 | 0 |
| 27 | 0,0875 | STERRASX | LinStatic | 7,809 | 33,576 | 0 | 0 | 0 |
| 27 | 0 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 27 | 0,04375 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 27 | 0,0875 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 27 | 0 | TERMP | LinStatic | -6,821E-13 | -1,521 | 0 | 0 | 0 |
| 27 | 0,04375 | TERMP | LinStatic | -6,821E-13 | -1,521 | 0 | 0 | 0 |
| 27 | 0,0875 | TERMP | LinStatic | -6,821E-13 | -1,521 | 0 | 0 | 0 |
| 27 | 0 | TERMN | LinStatic | 1,819E-12 | 4,563 | 0 | 0 | 0 |
| 27 | 0,04375 | TERMN | LinStatic | 1,819E-12 | 4,563 | 0 | 0 | 0 |
| 27 | 0,0875 | TERMN | LinStatic | 1,819E-12 | 4,563 | 0 | 0 | 0 |
| 27 | 0 | GRADTP | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 27 | 0,04375 | GRADTP | LinStatic | 0 | 5,139 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|---------|-----------|----------|-----------|------------|
| 27 | 0,0875 | GRADTP | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 27 | 0 | GRADTN | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 27 | 0,04375 | GRADTN | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 27 | 0,0875 | GRADTN | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 27 | 0 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 27 | 0,04375 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 27 | 0,0875 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 27 | 0 | STLM71 | LinStatic | 11,671 | 41,384 | 0 | 0 | 0 |
| 27 | 0,04375 | STLM71 | LinStatic | 11,671 | 40,302 | 0 | 0 | 0 |
| 27 | 0,0875 | STLM71 | LinStatic | 11,671 | 39,221 | 0 | 0 | 0 |
| 27 | 0 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 27 | 0,04375 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 27 | 0,0875 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 27 | 0 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 27 | 0,04375 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 27 | 0,0875 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 27 | 0 | STSW2 | LinStatic | 9,149 | 32,444 | 0 | 0 | 0 |
| 27 | 0,04375 | STSW2 | LinStatic | 9,149 | 31,596 | 0 | 0 | 0 |
| 27 | 0,0875 | STSW2 | LinStatic | 9,149 | 30,748 | 0 | 0 | 0 |
| 27 | 0 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 27 | 0,04375 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 27 | 0,0875 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 27 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 27 | 0,04375 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 27 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 27 | 0 | INCRTER | LinStatic | 10,41 | 36,914 | 0 | 0 | 0 |
| 27 | 0,04375 | INCRTER | LinStatic | 10,41 | 35,949 | 0 | 0 | 0 |
| 27 | 0,0875 | INCRTER | LinStatic | 10,41 | 34,984 | 0 | 0 | 0 |
| 27 | 0 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 27 | 0,04375 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 27 | 0,0875 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 27 | 0 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 27 | 0,04375 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 27 | 0,0875 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 27 | 0 | SISMAO | LinStatic | 12,85 | 15,48 | 0 | 0 | 0 |
| 27 | 0,04375 | SISMAO | LinStatic | 12,85 | 15,376 | 0 | 0 | 0 |
| 27 | 0,0875 | SISMAO | LinStatic | 12,85 | 15,273 | 0 | 0 | 0 |
| 27 | 0 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 27 | 0,04375 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 27 | 0,0875 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 27 | 0 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 27 | 0,04375 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 27 | 0,0875 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 27 | 0 | SISMAVA | LinStatic | 8,534 | -0,383 | 0 | 0 | 0 |
| 27 | 0,04375 | SISMAVA | LinStatic | 8,477 | -0,383 | 0 | 0 | 0 |
| 27 | 0,0875 | SISMAVA | LinStatic | 8,421 | -0,383 | 0 | 0 | 0 |
| 27 | 0 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 27 | 0,04375 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 27 | 0,0875 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 27 | 0 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 27 | 0,04375 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 27 | 0,0875 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 27 | 0 | SISMAVB | LinStatic | -8,534 | 0,383 | 0 | 0 | 0 |
| 27 | 0,04375 | SISMAVB | LinStatic | -8,477 | 0,383 | 0 | 0 | 0 |
| 27 | 0,0875 | SISMAVB | LinStatic | -8,421 | 0,383 | 0 | 0 | 0 |
| 28 | 0 | PP | LinStatic | -30,069 | -2,542 | 0 | 0 | 0 |
| 28 | 0,04375 | PP | LinStatic | -29,687 | -2,542 | 0 | 0 | 0 |
| 28 | 0,0875 | PP | LinStatic | -29,304 | -2,542 | 0 | 0 | 0 |
| 28 | 0 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 28 | 0,04375 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 28 | 0,0875 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 28 | 0 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 28 | 0,04375 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 28 | 0,0875 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 28 | 0 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 28 | 0,04375 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 28 | 0,0875 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 28 | 0 | STERRADX | LinStatic | 7,809 | -36,183 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|------------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 28 | 0,04375 | STERRADX | LinStatic | 7,809 | -34,872 | 0 | 0 | 0 |
| 28 | 0,0875 | STERRADX | LinStatic | 7,809 | -33,576 | 0 | 0 | 0 |
| 28 | 0 | TERMP | LinStatic | 1,023E-12 | 1,521 | 0 | 0 | 0 |
| 28 | 0,04375 | TERMP | LinStatic | 1,023E-12 | 1,521 | 0 | 0 | 0 |
| 28 | 0,0875 | TERMP | LinStatic | 1,023E-12 | 1,521 | 0 | 0 | 0 |
| 28 | 0 | TERMN | LinStatic | -3,183E-12 | -4,563 | 0 | 0 | 0 |
| 28 | 0,04375 | TERMN | LinStatic | -3,183E-12 | -4,563 | 0 | 0 | 0 |
| 28 | 0,0875 | TERMN | LinStatic | -3,183E-12 | -4,563 | 0 | 0 | 0 |
| 28 | 0 | GRADTP | LinStatic | -3,411E-13 | -5,139 | 0 | 0 | 0 |
| 28 | 0,04375 | GRADTP | LinStatic | -3,411E-13 | -5,139 | 0 | 0 | 0 |
| 28 | 0,0875 | GRADTP | LinStatic | -3,411E-13 | -5,139 | 0 | 0 | 0 |
| 28 | 0 | GRADTN | LinStatic | 3,411E-13 | 5,139 | 0 | 0 | 0 |
| 28 | 0,04375 | GRADTN | LinStatic | 3,411E-13 | 5,139 | 0 | 0 | 0 |
| 28 | 0,0875 | GRADTN | LinStatic | 3,411E-13 | 5,139 | 0 | 0 | 0 |
| 28 | 0 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 28 | 0,04375 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 28 | 0,0875 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 28 | 0 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 28 | 0,04375 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 28 | 0,0875 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 28 | 0 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 28 | 0,04375 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 28 | 0,0875 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 28 | 0 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 28 | 0,04375 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 28 | 0,0875 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 28 | 0 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 28 | 0,04375 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 28 | 0,0875 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 28 | 0 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 28 | 0,04375 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 28 | 0,0875 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 28 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 28 | 0,04375 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 28 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 28 | 0 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 28 | 0,04375 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 28 | 0,0875 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 28 | 0 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 28 | 0,04375 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 28 | 0,0875 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 28 | 0 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 28 | 0,04375 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 28 | 0,0875 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 28 | 0 | SISMAO | LinStatic | -12,85 | 15,48 | 0 | 0 | 0 |
| 28 | 0,04375 | SISMAO | LinStatic | -12,85 | 15,376 | 0 | 0 | 0 |
| 28 | 0,0875 | SISMAO | LinStatic | -12,85 | 15,273 | 0 | 0 | 0 |
| 28 | 0 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 28 | 0,04375 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 28 | 0,0875 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 28 | 0 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 28 | 0,04375 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 28 | 0,0875 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 28 | 0 | SISMAVA | LinStatic | 8,534 | 0,383 | 0 | 0 | 0 |
| 28 | 0,04375 | SISMAVA | LinStatic | 8,477 | 0,383 | 0 | 0 | 0 |
| 28 | 0,0875 | SISMAVA | LinStatic | 8,42 | 0,383 | 0 | 0 | 0 |
| 28 | 0 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 28 | 0,04375 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 28 | 0,0875 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 28 | 0 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 28 | 0,04375 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 28 | 0,0875 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 28 | 0 | SISMAVB | LinStatic | -8,534 | -0,383 | 0 | 0 | 0 |
| 28 | 0,04375 | SISMAVB | LinStatic | -8,477 | -0,383 | 0 | 0 | 0 |
| 28 | 0,0875 | SISMAVB | LinStatic | -8,42 | -0,383 | 0 | 0 | 0 |
| 29 | 0 | PP | LinStatic | -29,304 | 2,542 | 0 | 0 | 0 |
| 29 | 0,25 | PP | LinStatic | -27,117 | 2,542 | 0 | 0 | 0 |
| 29 | 0,5 | PP | LinStatic | -24,93 | 2,542 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|------------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 29 | 0 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 29 | 0,25 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 29 | 0,5 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 29 | 0 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 29 | 0,25 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 29 | 0,5 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 29 | 0 | STERRASX | LinStatic | 7,809 | 33,576 | 0 | 0 | 0 |
| 29 | 0,25 | STERRASX | LinStatic | 7,809 | 26,487 | 0 | 0 | 0 |
| 29 | 0,5 | STERRASX | LinStatic | 7,809 | 19,93 | 0 | 0 | 0 |
| 29 | 0 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 29 | 0,25 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 29 | 0,5 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 29 | 0 | TERMP | LinStatic | -7,105E-13 | -1,521 | 0 | 0 | 0 |
| 29 | 0,25 | TERMP | LinStatic | -7,105E-13 | -1,521 | 0 | 0 | 0 |
| 29 | 0,5 | TERMP | LinStatic | -7,105E-13 | -1,521 | 0 | 0 | 0 |
| 29 | 0 | TERMN | LinStatic | 1,819E-12 | 4,563 | 0 | 0 | 0 |
| 29 | 0,25 | TERMN | LinStatic | 1,819E-12 | 4,563 | 0 | 0 | 0 |
| 29 | 0,5 | TERMN | LinStatic | 1,819E-12 | 4,563 | 0 | 0 | 0 |
| 29 | 0 | GRADTP | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 29 | 0,25 | GRADTP | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 29 | 0,5 | GRADTP | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 29 | 0 | GRADTN | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 29 | 0,25 | GRADTN | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 29 | 0,5 | GRADTN | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 29 | 0 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 29 | 0,25 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 29 | 0,5 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 29 | 0 | STLM71 | LinStatic | 11,671 | 39,221 | 0 | 0 | 0 |
| 29 | 0,25 | STLM71 | LinStatic | 11,671 | 33,041 | 0 | 0 | 0 |
| 29 | 0,5 | STLM71 | LinStatic | 11,671 | 26,861 | 0 | 0 | 0 |
| 29 | 0 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 29 | 0,25 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 29 | 0,5 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 29 | 0 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 29 | 0,25 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 29 | 0,5 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 29 | 0 | STSW2 | LinStatic | 9,149 | 30,748 | 0 | 0 | 0 |
| 29 | 0,25 | STSW2 | LinStatic | 9,149 | 25,903 | 0 | 0 | 0 |
| 29 | 0,5 | STSW2 | LinStatic | 9,149 | 21,058 | 0 | 0 | 0 |
| 29 | 0 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 29 | 0,25 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 29 | 0,5 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 29 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 29 | 0,25 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 29 | 0,5 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 29 | 0 | INCRTER | LinStatic | 10,41 | 34,984 | 0 | 0 | 0 |
| 29 | 0,25 | INCRTER | LinStatic | 10,41 | 29,472 | 0 | 0 | 0 |
| 29 | 0,5 | INCRTER | LinStatic | 10,41 | 23,959 | 0 | 0 | 0 |
| 29 | 0 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 29 | 0,25 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 29 | 0,5 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 29 | 0 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 29 | 0,25 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 29 | 0,5 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 29 | 0 | SISMAO | LinStatic | 12,85 | 15,273 | 0 | 0 | 0 |
| 29 | 0,25 | SISMAO | LinStatic | 12,85 | 14,683 | 0 | 0 | 0 |
| 29 | 0,5 | SISMAO | LinStatic | 12,85 | 14,093 | 0 | 0 | 0 |
| 29 | 0 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 29 | 0,25 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 29 | 0,5 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 29 | 0 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 29 | 0,25 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 29 | 0,5 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 29 | 0 | SISMAVA | LinStatic | 8,421 | -0,383 | 0 | 0 | 0 |
| 29 | 0,25 | SISMAVA | LinStatic | 8,096 | -0,383 | 0 | 0 | 0 |
| 29 | 0,5 | SISMAVA | LinStatic | 7,771 | -0,383 | 0 | 0 | 0 |
| 29 | 0 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 29 | 0,25 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|------------|-----------|----------|-----------|------------|
| 29 | 0,5 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 29 | 0 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 29 | 0,25 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 29 | 0,5 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 29 | 0 | SISMAVB | LinStatic | -8,421 | 0,383 | 0 | 0 | 0 |
| 29 | 0,25 | SISMAVB | LinStatic | -8,096 | 0,383 | 0 | 0 | 0 |
| 29 | 0,5 | SISMAVB | LinStatic | -7,771 | 0,383 | 0 | 0 | 0 |
| 30 | 0 | PP | LinStatic | -29,304 | -2,542 | 0 | 0 | 0 |
| 30 | 0,25 | PP | LinStatic | -27,117 | -2,542 | 0 | 0 | 0 |
| 30 | 0,5 | PP | LinStatic | -24,93 | -2,542 | 0 | 0 | 0 |
| 30 | 0 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 30 | 0,25 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 30 | 0,5 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 30 | 0 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 30 | 0,25 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 30 | 0,5 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 30 | 0 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 30 | 0,25 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 30 | 0,5 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 30 | 0 | STERRADX | LinStatic | 7,809 | -33,576 | 0 | 0 | 0 |
| 30 | 0,25 | STERRADX | LinStatic | 7,809 | -26,487 | 0 | 0 | 0 |
| 30 | 0,5 | STERRADX | LinStatic | 7,809 | -19,93 | 0 | 0 | 0 |
| 30 | 0 | TERMP | LinStatic | 1,08E-12 | 1,521 | 0 | 0 | 0 |
| 30 | 0,25 | TERMP | LinStatic | 1,08E-12 | 1,521 | 0 | 0 | 0 |
| 30 | 0,5 | TERMP | LinStatic | 1,08E-12 | 1,521 | 0 | 0 | 0 |
| 30 | 0 | TERMN | LinStatic | -2,956E-12 | -4,563 | 0 | 0 | 0 |
| 30 | 0,25 | TERMN | LinStatic | -2,956E-12 | -4,563 | 0 | 0 | 0 |
| 30 | 0,5 | TERMN | LinStatic | -2,956E-12 | -4,563 | 0 | 0 | 0 |
| 30 | 0 | GRADTP | LinStatic | -5,116E-13 | -5,139 | 0 | 0 | 0 |
| 30 | 0,25 | GRADTP | LinStatic | -5,116E-13 | -5,139 | 0 | 0 | 0 |
| 30 | 0,5 | GRADTP | LinStatic | -5,116E-13 | -5,139 | 0 | 0 | 0 |
| 30 | 0 | GRADTN | LinStatic | 5,116E-13 | 5,139 | 0 | 0 | 0 |
| 30 | 0,25 | GRADTN | LinStatic | 5,116E-13 | 5,139 | 0 | 0 | 0 |
| 30 | 0,5 | GRADTN | LinStatic | 5,116E-13 | 5,139 | 0 | 0 | 0 |
| 30 | 0 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 30 | 0,25 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 30 | 0,5 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 30 | 0 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 30 | 0,25 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 30 | 0,5 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 30 | 0 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 30 | 0,25 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 30 | 0,5 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 30 | 0 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 30 | 0,25 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 30 | 0,5 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 30 | 0 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 30 | 0,25 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 30 | 0,5 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 30 | 0 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 30 | 0,25 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 30 | 0,5 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 30 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 30 | 0,25 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 30 | 0,5 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 30 | 0 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 30 | 0,25 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 30 | 0,5 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 30 | 0 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 30 | 0,25 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 30 | 0,5 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 30 | 0 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 30 | 0,25 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 30 | 0,5 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 30 | 0 | SISMAO | LinStatic | -12,85 | 15,273 | 0 | 0 | 0 |
| 30 | 0,25 | SISMAO | LinStatic | -12,85 | 14,683 | 0 | 0 | 0 |
| 30 | 0,5 | SISMAO | LinStatic | -12,85 | 14,093 | 0 | 0 | 0 |
| 30 | 0 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|------------|-----------|----------|-----------|------------|
| 30 | 0,25 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 30 | 0,5 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 30 | 0 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 30 | 0,25 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 30 | 0,5 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 30 | 0 | SISMAVA | LinStatic | 8,42 | 0,383 | 0 | 0 | 0 |
| 30 | 0,25 | SISMAVA | LinStatic | 8,095 | 0,383 | 0 | 0 | 0 |
| 30 | 0,5 | SISMAVA | LinStatic | 7,77 | 0,383 | 0 | 0 | 0 |
| 30 | 0 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 30 | 0,25 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 30 | 0,5 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 30 | 0 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 30 | 0,25 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 30 | 0,5 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 30 | 0 | SISMAVB | LinStatic | -8,42 | -0,383 | 0 | 0 | 0 |
| 30 | 0,25 | SISMAVB | LinStatic | -8,095 | -0,383 | 0 | 0 | 0 |
| 30 | 0,5 | SISMAVB | LinStatic | -7,77 | -0,383 | 0 | 0 | 0 |
| 31 | 0 | PP | LinStatic | -24,93 | 2,542 | 0 | 0 | 0 |
| 31 | 0,25 | PP | LinStatic | -22,743 | 2,542 | 0 | 0 | 0 |
| 31 | 0,5 | PP | LinStatic | -20,556 | 2,542 | 0 | 0 | 0 |
| 31 | 0 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 31 | 0,25 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 31 | 0,5 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 31 | 0 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 31 | 0,25 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 31 | 0,5 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 31 | 0 | STERRASX | LinStatic | 7,809 | 19,93 | 0 | 0 | 0 |
| 31 | 0,25 | STERRASX | LinStatic | 7,809 | 13,907 | 0 | 0 | 0 |
| 31 | 0,5 | STERRASX | LinStatic | 7,809 | 8,416 | 0 | 0 | 0 |
| 31 | 0 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 31 | 0,25 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 31 | 0,5 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 31 | 0 | TERMP | LinStatic | -7,105E-13 | -1,521 | 0 | 0 | 0 |
| 31 | 0,25 | TERMP | LinStatic | -7,105E-13 | -1,521 | 0 | 0 | 0 |
| 31 | 0,5 | TERMP | LinStatic | -7,105E-13 | -1,521 | 0 | 0 | 0 |
| 31 | 0 | TERMN | LinStatic | 1,99E-12 | 4,563 | 0 | 0 | 0 |
| 31 | 0,25 | TERMN | LinStatic | 1,99E-12 | 4,563 | 0 | 0 | 0 |
| 31 | 0,5 | TERMN | LinStatic | 1,99E-12 | 4,563 | 0 | 0 | 0 |
| 31 | 0 | GRADTP | LinStatic | 2,842E-14 | 5,139 | 0 | 0 | 0 |
| 31 | 0,25 | GRADTP | LinStatic | 2,842E-14 | 5,139 | 0 | 0 | 0 |
| 31 | 0,5 | GRADTP | LinStatic | 2,842E-14 | 5,139 | 0 | 0 | 0 |
| 31 | 0 | GRADTN | LinStatic | -2,842E-14 | -5,139 | 0 | 0 | 0 |
| 31 | 0,25 | GRADTN | LinStatic | -2,842E-14 | -5,139 | 0 | 0 | 0 |
| 31 | 0,5 | GRADTN | LinStatic | -2,842E-14 | -5,139 | 0 | 0 | 0 |
| 31 | 0 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 31 | 0,25 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 31 | 0,5 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 31 | 0 | STLM71 | LinStatic | 11,671 | 26,861 | 0 | 0 | 0 |
| 31 | 0,25 | STLM71 | LinStatic | 11,671 | 20,681 | 0 | 0 | 0 |
| 31 | 0,5 | STLM71 | LinStatic | 11,671 | 14,501 | 0 | 0 | 0 |
| 31 | 0 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 31 | 0,25 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 31 | 0,5 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 31 | 0 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 31 | 0,25 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 31 | 0,5 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 31 | 0 | STSW2 | LinStatic | 9,149 | 21,058 | 0 | 0 | 0 |
| 31 | 0,25 | STSW2 | LinStatic | 9,149 | 16,213 | 0 | 0 | 0 |
| 31 | 0,5 | STSW2 | LinStatic | 9,149 | 11,368 | 0 | 0 | 0 |
| 31 | 0 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 31 | 0,25 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 31 | 0,5 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 31 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 31 | 0,25 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 31 | 0,5 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 31 | 0 | INCRTER | LinStatic | 10,41 | 23,959 | 0 | 0 | 0 |
| 31 | 0,25 | INCRTER | LinStatic | 10,41 | 18,447 | 0 | 0 | 0 |
| 31 | 0,5 | INCRTER | LinStatic | 10,41 | 12,934 | 0 | 0 | 0 |



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| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|------------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 31 | 0 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 31 | 0,25 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 31 | 0,5 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 31 | 0 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 31 | 0,25 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 31 | 0,5 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 31 | 0 | SISMAO | LinStatic | 12,85 | 14,093 | 0 | 0 | 0 |
| 31 | 0,25 | SISMAO | LinStatic | 12,85 | 13,503 | 0 | 0 | 0 |
| 31 | 0,5 | SISMAO | LinStatic | 12,85 | 12,913 | 0 | 0 | 0 |
| 31 | 0 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 31 | 0,25 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 31 | 0,5 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 31 | 0 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 31 | 0,25 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 31 | 0,5 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 31 | 0 | SISMAVA | LinStatic | 7,771 | -0,383 | 0 | 0 | 0 |
| 31 | 0,25 | SISMAVA | LinStatic | 7,446 | -0,383 | 0 | 0 | 0 |
| 31 | 0,5 | SISMAVA | LinStatic | 7,121 | -0,383 | 0 | 0 | 0 |
| 31 | 0 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 31 | 0,25 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 31 | 0,5 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 31 | 0 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 31 | 0,25 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 31 | 0,5 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 31 | 0 | SISMAVB | LinStatic | -7,771 | 0,383 | 0 | 0 | 0 |
| 31 | 0,25 | SISMAVB | LinStatic | -7,446 | 0,383 | 0 | 0 | 0 |
| 31 | 0,5 | SISMAVB | LinStatic | -7,121 | 0,383 | 0 | 0 | 0 |
| 32 | 0 | PP | LinStatic | -24,93 | -2,542 | 0 | 0 | 0 |
| 32 | 0,25 | PP | LinStatic | -22,743 | -2,542 | 0 | 0 | 0 |
| 32 | 0,5 | PP | LinStatic | -20,556 | -2,542 | 0 | 0 | 0 |
| 32 | 0 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 32 | 0,25 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 32 | 0,5 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 32 | 0 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 32 | 0,25 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 32 | 0,5 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 32 | 0 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 32 | 0,25 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 32 | 0,5 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 32 | 0 | STERRADX | LinStatic | 7,809 | -19,93 | 0 | 0 | 0 |
| 32 | 0,25 | STERRADX | LinStatic | 7,809 | -13,907 | 0 | 0 | 0 |
| 32 | 0,5 | STERRADX | LinStatic | 7,809 | -8,416 | 0 | 0 | 0 |
| 32 | 0 | TERMP | LinStatic | 1,08E-12 | 1,521 | 0 | 0 | 0 |
| 32 | 0,25 | TERMP | LinStatic | 1,08E-12 | 1,521 | 0 | 0 | 0 |
| 32 | 0,5 | TERMP | LinStatic | 1,08E-12 | 1,521 | 0 | 0 | 0 |
| 32 | 0 | TERMN | LinStatic | -3,07E-12 | -4,563 | 0 | 0 | 0 |
| 32 | 0,25 | TERMN | LinStatic | -3,07E-12 | -4,563 | 0 | 0 | 0 |
| 32 | 0,5 | TERMN | LinStatic | -3,07E-12 | -4,563 | 0 | 0 | 0 |
| 32 | 0 | GRADTP | LinStatic | -4,547E-13 | -5,139 | 0 | 0 | 0 |
| 32 | 0,25 | GRADTP | LinStatic | -4,547E-13 | -5,139 | 0 | 0 | 0 |
| 32 | 0,5 | GRADTP | LinStatic | -4,547E-13 | -5,139 | 0 | 0 | 0 |
| 32 | 0 | GRADTN | LinStatic | 4,547E-13 | 5,139 | 0 | 0 | 0 |
| 32 | 0,25 | GRADTN | LinStatic | 4,547E-13 | 5,139 | 0 | 0 | 0 |
| 32 | 0,5 | GRADTN | LinStatic | 4,547E-13 | 5,139 | 0 | 0 | 0 |
| 32 | 0 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 32 | 0,25 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 32 | 0,5 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 32 | 0 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 32 | 0,25 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 32 | 0,5 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 32 | 0 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 32 | 0,25 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 32 | 0,5 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 32 | 0 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 32 | 0,25 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 32 | 0,5 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 32 | 0 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 32 | 0,25 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|------------|-----------|----------|-----------|------------|
| 32 | 0,5 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 32 | 0 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 32 | 0,25 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 32 | 0,5 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 32 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 32 | 0,25 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 32 | 0,5 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 32 | 0 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 32 | 0,25 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 32 | 0,5 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 32 | 0 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 32 | 0,25 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 32 | 0,5 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 32 | 0 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 32 | 0,25 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 32 | 0,5 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 32 | 0 | SISMAO | LinStatic | -12,85 | 14,093 | 0 | 0 | 0 |
| 32 | 0,25 | SISMAO | LinStatic | -12,85 | 13,503 | 0 | 0 | 0 |
| 32 | 0,5 | SISMAO | LinStatic | -12,85 | 12,913 | 0 | 0 | 0 |
| 32 | 0 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 32 | 0,25 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 32 | 0,5 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 32 | 0 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 32 | 0,25 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 32 | 0,5 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 32 | 0 | SISMAVA | LinStatic | 7,77 | 0,383 | 0 | 0 | 0 |
| 32 | 0,25 | SISMAVA | LinStatic | 7,445 | 0,383 | 0 | 0 | 0 |
| 32 | 0,5 | SISMAVA | LinStatic | 7,12 | 0,383 | 0 | 0 | 0 |
| 32 | 0 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 32 | 0,25 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 32 | 0,5 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 32 | 0 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 32 | 0,25 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 32 | 0,5 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 32 | 0 | SISMAVB | LinStatic | -7,77 | -0,383 | 0 | 0 | 0 |
| 32 | 0,25 | SISMAVB | LinStatic | -7,445 | -0,383 | 0 | 0 | 0 |
| 32 | 0,5 | SISMAVB | LinStatic | -7,12 | -0,383 | 0 | 0 | 0 |
| 33 | 0 | PP | LinStatic | -20,556 | 2,542 | 0 | 0 | 0 |
| 33 | 0,25 | PP | LinStatic | -18,37 | 2,542 | 0 | 0 | 0 |
| 33 | 0,5 | PP | LinStatic | -16,183 | 2,542 | 0 | 0 | 0 |
| 33 | 0 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 33 | 0,25 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 33 | 0,5 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 33 | 0 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 33 | 0,25 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 33 | 0,5 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 33 | 0 | STERRASX | LinStatic | 7,809 | 8,416 | 0 | 0 | 0 |
| 33 | 0,25 | STERRASX | LinStatic | 7,809 | 3,459 | 0 | 0 | 0 |
| 33 | 0,5 | STERRASX | LinStatic | 7,809 | -0,965 | 0 | 0 | 0 |
| 33 | 0 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 33 | 0,25 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 33 | 0,5 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 33 | 0 | TERMP | LinStatic | -7,39E-13 | -1,521 | 0 | 0 | 0 |
| 33 | 0,25 | TERMP | LinStatic | -7,39E-13 | -1,521 | 0 | 0 | 0 |
| 33 | 0,5 | TERMP | LinStatic | -7,39E-13 | -1,521 | 0 | 0 | 0 |
| 33 | 0 | TERMN | LinStatic | 1,99E-12 | 4,563 | 0 | 0 | 0 |
| 33 | 0,25 | TERMN | LinStatic | 1,99E-12 | 4,563 | 0 | 0 | 0 |
| 33 | 0,5 | TERMN | LinStatic | 1,99E-12 | 4,563 | 0 | 0 | 0 |
| 33 | 0 | GRADTP | LinStatic | 2,842E-14 | 5,139 | 0 | 0 | 0 |
| 33 | 0,25 | GRADTP | LinStatic | 2,842E-14 | 5,139 | 0 | 0 | 0 |
| 33 | 0,5 | GRADTP | LinStatic | 2,842E-14 | 5,139 | 0 | 0 | 0 |
| 33 | 0 | GRADTN | LinStatic | -2,842E-14 | -5,139 | 0 | 0 | 0 |
| 33 | 0,25 | GRADTN | LinStatic | -2,842E-14 | -5,139 | 0 | 0 | 0 |
| 33 | 0,5 | GRADTN | LinStatic | -2,842E-14 | -5,139 | 0 | 0 | 0 |
| 33 | 0 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 33 | 0,25 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 33 | 0,5 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 33 | 0 | STLM71 | LinStatic | 11,671 | 14,501 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|-----------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 33 | 0,25 | STLM71 | LinStatic | 11,671 | 8,321 | 0 | 0 | 0 |
| 33 | 0,5 | STLM71 | LinStatic | 11,671 | 2,141 | 0 | 0 | 0 |
| 33 | 0 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 33 | 0,25 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 33 | 0,5 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 33 | 0 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 33 | 0,25 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 33 | 0,5 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 33 | 0 | STSW2 | LinStatic | 9,149 | 11,368 | 0 | 0 | 0 |
| 33 | 0,25 | STSW2 | LinStatic | 9,149 | 6,523 | 0 | 0 | 0 |
| 33 | 0,5 | STSW2 | LinStatic | 9,149 | 1,678 | 0 | 0 | 0 |
| 33 | 0 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 33 | 0,25 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 33 | 0,5 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 33 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 33 | 0,25 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 33 | 0,5 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 33 | 0 | INCRTER | LinStatic | 10,41 | 12,934 | 0 | 0 | 0 |
| 33 | 0,25 | INCRTER | LinStatic | 10,41 | 7,422 | 0 | 0 | 0 |
| 33 | 0,5 | INCRTER | LinStatic | 10,41 | 1,909 | 0 | 0 | 0 |
| 33 | 0 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 33 | 0,25 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 33 | 0,5 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 33 | 0 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 33 | 0,25 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 33 | 0,5 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 33 | 0 | SISMAO | LinStatic | 12,85 | 12,913 | 0 | 0 | 0 |
| 33 | 0,25 | SISMAO | LinStatic | 12,85 | 12,323 | 0 | 0 | 0 |
| 33 | 0,5 | SISMAO | LinStatic | 12,85 | 11,733 | 0 | 0 | 0 |
| 33 | 0 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 33 | 0,25 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 33 | 0,5 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 33 | 0 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 33 | 0,25 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 33 | 0,5 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 33 | 0 | SISMAVA | LinStatic | 7,121 | -0,383 | 0 | 0 | 0 |
| 33 | 0,25 | SISMAVA | LinStatic | 6,796 | -0,383 | 0 | 0 | 0 |
| 33 | 0,5 | SISMAVA | LinStatic | 6,471 | -0,383 | 0 | 0 | 0 |
| 33 | 0 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 33 | 0,25 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 33 | 0,5 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 33 | 0 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 33 | 0,25 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 33 | 0,5 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 33 | 0 | SISMAVB | LinStatic | -7,121 | 0,383 | 0 | 0 | 0 |
| 33 | 0,25 | SISMAVB | LinStatic | -6,796 | 0,383 | 0 | 0 | 0 |
| 33 | 0,5 | SISMAVB | LinStatic | -6,471 | 0,383 | 0 | 0 | 0 |
| 34 | 0 | PP | LinStatic | -20,556 | -2,542 | 0 | 0 | 0 |
| 34 | 0,25 | PP | LinStatic | -18,37 | -2,542 | 0 | 0 | 0 |
| 34 | 0,5 | PP | LinStatic | -16,183 | -2,542 | 0 | 0 | 0 |
| 34 | 0 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 34 | 0,25 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 34 | 0,5 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 34 | 0 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 34 | 0,25 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 34 | 0,5 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 34 | 0 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 34 | 0,25 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 34 | 0,5 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 34 | 0 | STERRADX | LinStatic | 7,809 | -8,416 | 0 | 0 | 0 |
| 34 | 0,25 | STERRADX | LinStatic | 7,809 | -3,459 | 0 | 0 | 0 |
| 34 | 0,5 | STERRADX | LinStatic | 7,809 | 0,965 | 0 | 0 | 0 |
| 34 | 0 | TERMP | LinStatic | 1,08E-12 | 1,521 | 0 | 0 | 0 |
| 34 | 0,25 | TERMP | LinStatic | 1,08E-12 | 1,521 | 0 | 0 | 0 |
| 34 | 0,5 | TERMP | LinStatic | 1,08E-12 | 1,521 | 0 | 0 | 0 |
| 34 | 0 | TERMN | LinStatic | -3,07E-12 | -4,563 | 0 | 0 | 0 |
| 34 | 0,25 | TERMN | LinStatic | -3,07E-12 | -4,563 | 0 | 0 | 0 |
| 34 | 0,5 | TERMN | LinStatic | -3,07E-12 | -4,563 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|------------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 34 | 0 | GRADTP | LinStatic | -4,547E-13 | -5,139 | 0 | 0 | 0 |
| 34 | 0,25 | GRADTP | LinStatic | -4,547E-13 | -5,139 | 0 | 0 | 0 |
| 34 | 0,5 | GRADTP | LinStatic | -4,547E-13 | -5,139 | 0 | 0 | 0 |
| 34 | 0 | GRADTN | LinStatic | 4,547E-13 | 5,139 | 0 | 0 | 0 |
| 34 | 0,25 | GRADTN | LinStatic | 4,547E-13 | 5,139 | 0 | 0 | 0 |
| 34 | 0,5 | GRADTN | LinStatic | 4,547E-13 | 5,139 | 0 | 0 | 0 |
| 34 | 0 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 34 | 0,25 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 34 | 0,5 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 34 | 0 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 34 | 0,25 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 34 | 0,5 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 34 | 0 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 34 | 0,25 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 34 | 0,5 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 34 | 0 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 34 | 0,25 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 34 | 0,5 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 34 | 0 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 34 | 0,25 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 34 | 0,5 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 34 | 0 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 34 | 0,25 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 34 | 0,5 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 34 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 34 | 0,25 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 34 | 0,5 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 34 | 0 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 34 | 0,25 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 34 | 0,5 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 34 | 0 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 34 | 0,25 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 34 | 0,5 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 34 | 0 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 34 | 0,25 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 34 | 0,5 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 34 | 0 | SISMAO | LinStatic | -12,85 | 12,913 | 0 | 0 | 0 |
| 34 | 0,25 | SISMAO | LinStatic | -12,85 | 12,323 | 0 | 0 | 0 |
| 34 | 0,5 | SISMAO | LinStatic | -12,85 | 11,733 | 0 | 0 | 0 |
| 34 | 0 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 34 | 0,25 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 34 | 0,5 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 34 | 0 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 34 | 0,25 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 34 | 0,5 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 34 | 0 | SISMAVA | LinStatic | 7,12 | 0,383 | 0 | 0 | 0 |
| 34 | 0,25 | SISMAVA | LinStatic | 6,795 | 0,383 | 0 | 0 | 0 |
| 34 | 0,5 | SISMAVA | LinStatic | 6,47 | 0,383 | 0 | 0 | 0 |
| 34 | 0 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 34 | 0,25 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 34 | 0,5 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 34 | 0 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 34 | 0,25 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 34 | 0,5 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 34 | 0 | SISMAVB | LinStatic | -7,12 | -0,383 | 0 | 0 | 0 |
| 34 | 0,25 | SISMAVB | LinStatic | -6,795 | -0,383 | 0 | 0 | 0 |
| 34 | 0,5 | SISMAVB | LinStatic | -6,47 | -0,383 | 0 | 0 | 0 |
| 35 | 0 | PP | LinStatic | -16,183 | 2,542 | 0 | 0 | 0 |
| 35 | 0,25 | PP | LinStatic | -13,996 | 2,542 | 0 | 0 | 0 |
| 35 | 0,5 | PP | LinStatic | -11,809 | 2,542 | 0 | 0 | 0 |
| 35 | 0 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 35 | 0,25 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 35 | 0,5 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 35 | 0 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 35 | 0,25 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 35 | 0,5 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 35 | 0 | STERRASX | LinStatic | 7,809 | -0,965 | 0 | 0 | 0 |
| 35 | 0,25 | STERRASX | LinStatic | 7,809 | -4,856 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|------------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 35 | 0,5 | STERRASX | LinStatic | 7,809 | -8,214 | 0 | 0 | 0 |
| 35 | 0 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 35 | 0,25 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 35 | 0,5 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 35 | 0 | TERMP | LinStatic | -7,674E-13 | -1,521 | 0 | 0 | 0 |
| 35 | 0,25 | TERMP | LinStatic | -7,674E-13 | -1,521 | 0 | 0 | 0 |
| 35 | 0,5 | TERMP | LinStatic | -7,674E-13 | -1,521 | 0 | 0 | 0 |
| 35 | 0 | TERMN | LinStatic | 1,99E-12 | 4,563 | 0 | 0 | 0 |
| 35 | 0,25 | TERMN | LinStatic | 1,99E-12 | 4,563 | 0 | 0 | 0 |
| 35 | 0,5 | TERMN | LinStatic | 1,99E-12 | 4,563 | 0 | 0 | 0 |
| 35 | 0 | GRADTP | LinStatic | 5,684E-14 | 5,139 | 0 | 0 | 0 |
| 35 | 0,25 | GRADTP | LinStatic | 5,684E-14 | 5,139 | 0 | 0 | 0 |
| 35 | 0,5 | GRADTP | LinStatic | 5,684E-14 | 5,139 | 0 | 0 | 0 |
| 35 | 0 | GRADTN | LinStatic | -5,684E-14 | -5,139 | 0 | 0 | 0 |
| 35 | 0,25 | GRADTN | LinStatic | -5,684E-14 | -5,139 | 0 | 0 | 0 |
| 35 | 0,5 | GRADTN | LinStatic | -5,684E-14 | -5,139 | 0 | 0 | 0 |
| 35 | 0 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 35 | 0,25 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 35 | 0,5 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 35 | 0 | STLM71 | LinStatic | 11,671 | 2,141 | 0 | 0 | 0 |
| 35 | 0,25 | STLM71 | LinStatic | 11,671 | -4,039 | 0 | 0 | 0 |
| 35 | 0,5 | STLM71 | LinStatic | 11,671 | -10,219 | 0 | 0 | 0 |
| 35 | 0 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 35 | 0,25 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 35 | 0,5 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 35 | 0 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 35 | 0,25 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 35 | 0,5 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 35 | 0 | STSW2 | LinStatic | 9,149 | 1,678 | 0 | 0 | 0 |
| 35 | 0,25 | STSW2 | LinStatic | 9,149 | -3,167 | 0 | 0 | 0 |
| 35 | 0,5 | STSW2 | LinStatic | 9,149 | -8,012 | 0 | 0 | 0 |
| 35 | 0 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 35 | 0,25 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 35 | 0,5 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 35 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 35 | 0,25 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 35 | 0,5 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 35 | 0 | INCRTER | LinStatic | 10,41 | 1,909 | 0 | 0 | 0 |
| 35 | 0,25 | INCRTER | LinStatic | 10,41 | -3,603 | 0 | 0 | 0 |
| 35 | 0,5 | INCRTER | LinStatic | 10,41 | -9,116 | 0 | 0 | 0 |
| 35 | 0 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 35 | 0,25 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 35 | 0,5 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 35 | 0 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 35 | 0,25 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 35 | 0,5 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 35 | 0 | SISMAO | LinStatic | 12,85 | 11,733 | 0 | 0 | 0 |
| 35 | 0,25 | SISMAO | LinStatic | 12,85 | 11,143 | 0 | 0 | 0 |
| 35 | 0,5 | SISMAO | LinStatic | 12,85 | 10,553 | 0 | 0 | 0 |
| 35 | 0 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 35 | 0,25 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 35 | 0,5 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 35 | 0 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 35 | 0,25 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 35 | 0,5 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 35 | 0 | SISMAVA | LinStatic | 6,471 | -0,383 | 0 | 0 | 0 |
| 35 | 0,25 | SISMAVA | LinStatic | 6,146 | -0,383 | 0 | 0 | 0 |
| 35 | 0,5 | SISMAVA | LinStatic | 5,821 | -0,383 | 0 | 0 | 0 |
| 35 | 0 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 35 | 0,25 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 35 | 0,5 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 35 | 0 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 35 | 0,25 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 35 | 0,5 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 35 | 0 | SISMAVB | LinStatic | -6,471 | 0,383 | 0 | 0 | 0 |
| 35 | 0,25 | SISMAVB | LinStatic | -6,146 | 0,383 | 0 | 0 | 0 |
| 35 | 0,5 | SISMAVB | LinStatic | -5,821 | 0,383 | 0 | 0 | 0 |
| 36 | 0 | PP | LinStatic | -16,183 | -2,542 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|------------|-----------|----------|-----------|------------|
| 36 | 0,25 | PP | LinStatic | -13,996 | -2,542 | 0 | 0 | 0 |
| 36 | 0,5 | PP | LinStatic | -11,809 | -2,542 | 0 | 0 | 0 |
| 36 | 0 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 36 | 0,25 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 36 | 0,5 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 36 | 0 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 36 | 0,25 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 36 | 0,5 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 36 | 0 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 36 | 0,25 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 36 | 0,5 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 36 | 0 | STERRADX | LinStatic | 7,809 | 0,965 | 0 | 0 | 0 |
| 36 | 0,25 | STERRADX | LinStatic | 7,809 | 4,856 | 0 | 0 | 0 |
| 36 | 0,5 | STERRADX | LinStatic | 7,809 | 8,214 | 0 | 0 | 0 |
| 36 | 0 | TERMP | LinStatic | 1,052E-12 | 1,521 | 0 | 0 | 0 |
| 36 | 0,25 | TERMP | LinStatic | 1,052E-12 | 1,521 | 0 | 0 | 0 |
| 36 | 0,5 | TERMP | LinStatic | 1,052E-12 | 1,521 | 0 | 0 | 0 |
| 36 | 0 | TERMN | LinStatic | -2,899E-12 | -4,563 | 0 | 0 | 0 |
| 36 | 0,25 | TERMN | LinStatic | -2,899E-12 | -4,563 | 0 | 0 | 0 |
| 36 | 0,5 | TERMN | LinStatic | -2,899E-12 | -4,563 | 0 | 0 | 0 |
| 36 | 0 | GRADTP | LinStatic | -4,263E-13 | -5,139 | 0 | 0 | 0 |
| 36 | 0,25 | GRADTP | LinStatic | -4,263E-13 | -5,139 | 0 | 0 | 0 |
| 36 | 0,5 | GRADTP | LinStatic | -4,263E-13 | -5,139 | 0 | 0 | 0 |
| 36 | 0 | GRADTN | LinStatic | 4,263E-13 | 5,139 | 0 | 0 | 0 |
| 36 | 0,25 | GRADTN | LinStatic | 4,263E-13 | 5,139 | 0 | 0 | 0 |
| 36 | 0,5 | GRADTN | LinStatic | 4,263E-13 | 5,139 | 0 | 0 | 0 |
| 36 | 0 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 36 | 0,25 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 36 | 0,5 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 36 | 0 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 36 | 0,25 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 36 | 0,5 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 36 | 0 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 36 | 0,25 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 36 | 0,5 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 36 | 0 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 36 | 0,25 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 36 | 0,5 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 36 | 0 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 36 | 0,25 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 36 | 0,5 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 36 | 0 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 36 | 0,25 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 36 | 0,5 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 36 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 36 | 0,25 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 36 | 0,5 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 36 | 0 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 36 | 0,25 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 36 | 0,5 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 36 | 0 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 36 | 0,25 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 36 | 0,5 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 36 | 0 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 36 | 0,25 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 36 | 0,5 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 36 | 0 | SISMAO | LinStatic | -12,85 | 11,733 | 0 | 0 | 0 |
| 36 | 0,25 | SISMAO | LinStatic | -12,85 | 11,143 | 0 | 0 | 0 |
| 36 | 0,5 | SISMAO | LinStatic | -12,85 | 10,553 | 0 | 0 | 0 |
| 36 | 0 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 36 | 0,25 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 36 | 0,5 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 36 | 0 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 36 | 0,25 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 36 | 0,5 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 36 | 0 | SISMAVA | LinStatic | 6,47 | 0,383 | 0 | 0 | 0 |
| 36 | 0,25 | SISMAVA | LinStatic | 6,145 | 0,383 | 0 | 0 | 0 |
| 36 | 0,5 | SISMAVA | LinStatic | 5,82 | 0,383 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|------------|-----------|----------|-----------|------------|
| 36 | 0 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 36 | 0,25 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 36 | 0,5 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 36 | 0 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 36 | 0,25 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 36 | 0,5 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 36 | 0 | SISMAVB | LinStatic | -6,47 | -0,383 | 0 | 0 | 0 |
| 36 | 0,25 | SISMAVB | LinStatic | -6,145 | -0,383 | 0 | 0 | 0 |
| 36 | 0,5 | SISMAVB | LinStatic | -5,82 | -0,383 | 0 | 0 | 0 |
| 37 | 0 | PP | LinStatic | -11,809 | 2,542 | 0 | 0 | 0 |
| 37 | 0,04375 | PP | LinStatic | -11,426 | 2,542 | 0 | 0 | 0 |
| 37 | 0,0875 | PP | LinStatic | -11,044 | 2,542 | 0 | 0 | 0 |
| 37 | 0 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 37 | 0,04375 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 37 | 0,0875 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 37 | 0 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 37 | 0,04375 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 37 | 0,0875 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 37 | 0 | STERRASX | LinStatic | 7,809 | -8,214 | 0 | 0 | 0 |
| 37 | 0,04375 | STERRASX | LinStatic | 7,809 | -8,747 | 0 | 0 | 0 |
| 37 | 0,0875 | STERRASX | LinStatic | 7,809 | -9,264 | 0 | 0 | 0 |
| 37 | 0 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 37 | 0,04375 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 37 | 0,0875 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 37 | 0 | TERMP | LinStatic | -6,821E-13 | -1,521 | 0 | 0 | 0 |
| 37 | 0,04375 | TERMP | LinStatic | -6,821E-13 | -1,521 | 0 | 0 | 0 |
| 37 | 0,0875 | TERMP | LinStatic | -6,821E-13 | -1,521 | 0 | 0 | 0 |
| 37 | 0 | TERMN | LinStatic | 2,274E-12 | 4,563 | 0 | 0 | 0 |
| 37 | 0,04375 | TERMN | LinStatic | 2,274E-12 | 4,563 | 0 | 0 | 0 |
| 37 | 0,0875 | TERMN | LinStatic | 2,274E-12 | 4,563 | 0 | 0 | 0 |
| 37 | 0 | GRADTP | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 37 | 0,04375 | GRADTP | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 37 | 0,0875 | GRADTP | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 37 | 0 | GRADTN | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 37 | 0,04375 | GRADTN | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 37 | 0,0875 | GRADTN | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 37 | 0 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 37 | 0,04375 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 37 | 0,0875 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 37 | 0 | STLM71 | LinStatic | 11,671 | -10,219 | 0 | 0 | 0 |
| 37 | 0,04375 | STLM71 | LinStatic | 11,671 | -11,301 | 0 | 0 | 0 |
| 37 | 0,0875 | STLM71 | LinStatic | 11,671 | -12,382 | 0 | 0 | 0 |
| 37 | 0 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 37 | 0,04375 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 37 | 0,0875 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 37 | 0 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 37 | 0,04375 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 37 | 0,0875 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 37 | 0 | STSW2 | LinStatic | 9,149 | -8,012 | 0 | 0 | 0 |
| 37 | 0,04375 | STSW2 | LinStatic | 9,149 | -8,86 | 0 | 0 | 0 |
| 37 | 0,0875 | STSW2 | LinStatic | 9,149 | -9,708 | 0 | 0 | 0 |
| 37 | 0 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 37 | 0,04375 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 37 | 0,0875 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 37 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 37 | 0,04375 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 37 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 37 | 0 | INCRTER | LinStatic | 10,41 | -9,116 | 0 | 0 | 0 |
| 37 | 0,04375 | INCRTER | LinStatic | 10,41 | -10,08 | 0 | 0 | 0 |
| 37 | 0,0875 | INCRTER | LinStatic | 10,41 | -11,045 | 0 | 0 | 0 |
| 37 | 0 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 37 | 0,04375 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 37 | 0,0875 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 37 | 0 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 37 | 0,04375 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 37 | 0,0875 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 37 | 0 | SISMAO | LinStatic | 12,85 | 10,553 | 0 | 0 | 0 |
| 37 | 0,04375 | SISMAO | LinStatic | 12,85 | 10,45 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|------------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 37 | 0,0875 | SISMAO | LinStatic | 12,85 | 10,347 | 0 | 0 | 0 |
| 37 | 0 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 37 | 0,04375 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 37 | 0,0875 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 37 | 0 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 37 | 0,04375 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 37 | 0,0875 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 37 | 0 | SISMAVA | LinStatic | 5,821 | -0,383 | 0 | 0 | 0 |
| 37 | 0,04375 | SISMAVA | LinStatic | 5,764 | -0,383 | 0 | 0 | 0 |
| 37 | 0,0875 | SISMAVA | LinStatic | 5,707 | -0,383 | 0 | 0 | 0 |
| 37 | 0 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 37 | 0,04375 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 37 | 0,0875 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 37 | 0 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 37 | 0,04375 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 37 | 0,0875 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 37 | 0 | SISMAVB | LinStatic | -5,821 | 0,383 | 0 | 0 | 0 |
| 37 | 0,04375 | SISMAVB | LinStatic | -5,764 | 0,383 | 0 | 0 | 0 |
| 37 | 0,0875 | SISMAVB | LinStatic | -5,707 | 0,383 | 0 | 0 | 0 |
| 38 | 0 | PP | LinStatic | -11,809 | -2,542 | 0 | 0 | 0 |
| 38 | 0,04375 | PP | LinStatic | -11,426 | -2,542 | 0 | 0 | 0 |
| 38 | 0,0875 | PP | LinStatic | -11,044 | -2,542 | 0 | 0 | 0 |
| 38 | 0 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 38 | 0,04375 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 38 | 0,0875 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 38 | 0 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 38 | 0,04375 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 38 | 0,0875 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 38 | 0 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 38 | 0,04375 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 38 | 0,0875 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 38 | 0 | STERRADX | LinStatic | 7,809 | 8,214 | 0 | 0 | 0 |
| 38 | 0,04375 | STERRADX | LinStatic | 7,809 | 8,747 | 0 | 0 | 0 |
| 38 | 0,0875 | STERRADX | LinStatic | 7,809 | 9,264 | 0 | 0 | 0 |
| 38 | 0 | TERMP | LinStatic | 1,137E-12 | 1,521 | 0 | 0 | 0 |
| 38 | 0,04375 | TERMP | LinStatic | 1,137E-12 | 1,521 | 0 | 0 | 0 |
| 38 | 0,0875 | TERMP | LinStatic | 1,137E-12 | 1,521 | 0 | 0 | 0 |
| 38 | 0 | TERMN | LinStatic | -2,274E-12 | -4,563 | 0 | 0 | 0 |
| 38 | 0,04375 | TERMN | LinStatic | -2,274E-12 | -4,563 | 0 | 0 | 0 |
| 38 | 0,0875 | TERMN | LinStatic | -2,274E-12 | -4,563 | 0 | 0 | 0 |
| 38 | 0 | GRADTP | LinStatic | -6,821E-13 | -5,139 | 0 | 0 | 0 |
| 38 | 0,04375 | GRADTP | LinStatic | -6,821E-13 | -5,139 | 0 | 0 | 0 |
| 38 | 0,0875 | GRADTP | LinStatic | -6,821E-13 | -5,139 | 0 | 0 | 0 |
| 38 | 0 | GRADTN | LinStatic | 6,821E-13 | 5,139 | 0 | 0 | 0 |
| 38 | 0,04375 | GRADTN | LinStatic | 6,821E-13 | 5,139 | 0 | 0 | 0 |
| 38 | 0,0875 | GRADTN | LinStatic | 6,821E-13 | 5,139 | 0 | 0 | 0 |
| 38 | 0 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 38 | 0,04375 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 38 | 0,0875 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 38 | 0 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 38 | 0,04375 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 38 | 0,0875 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 38 | 0 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 38 | 0,04375 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 38 | 0,0875 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 38 | 0 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 38 | 0,04375 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 38 | 0,0875 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 38 | 0 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 38 | 0,04375 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 38 | 0,0875 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 38 | 0 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 38 | 0,04375 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 38 | 0,0875 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 38 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 38 | 0,04375 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 38 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 38 | 0 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |



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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|------------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 38 | 0,04375 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 38 | 0,0875 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 38 | 0 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 38 | 0,04375 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 38 | 0,0875 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 38 | 0 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 38 | 0,04375 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 38 | 0,0875 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 38 | 0 | SISMAO | LinStatic | -12,85 | 10,553 | 0 | 0 | 0 |
| 38 | 0,04375 | SISMAO | LinStatic | -12,85 | 10,45 | 0 | 0 | 0 |
| 38 | 0,0875 | SISMAO | LinStatic | -12,85 | 10,347 | 0 | 0 | 0 |
| 38 | 0 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 38 | 0,04375 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 38 | 0,0875 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 38 | 0 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 38 | 0,04375 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 38 | 0,0875 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 38 | 0 | SISMAVA | LinStatic | 5,82 | 0,383 | 0 | 0 | 0 |
| 38 | 0,04375 | SISMAVA | LinStatic | 5,764 | 0,383 | 0 | 0 | 0 |
| 38 | 0,0875 | SISMAVA | LinStatic | 5,707 | 0,383 | 0 | 0 | 0 |
| 38 | 0 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 38 | 0,04375 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 38 | 0,0875 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 38 | 0 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 38 | 0,04375 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 38 | 0,0875 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 38 | 0 | SISMAVB | LinStatic | -5,82 | -0,383 | 0 | 0 | 0 |
| 38 | 0,04375 | SISMAVB | LinStatic | -5,764 | -0,383 | 0 | 0 | 0 |
| 38 | 0,0875 | SISMAVB | LinStatic | -5,707 | -0,383 | 0 | 0 | 0 |
| 39 | 0 | PP | LinStatic | -11,044 | 2,542 | 0 | 0 | 0 |
| 39 | 0,04375 | PP | LinStatic | -10,661 | 2,542 | 0 | 0 | 0 |
| 39 | 0,0875 | PP | LinStatic | -10,278 | 2,542 | 0 | 0 | 0 |
| 39 | 0 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 39 | 0,04375 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 39 | 0,0875 | REINTSUP | LinStatic | -8,46 | 0,009961 | 0 | 0 | 0 |
| 39 | 0 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 39 | 0,04375 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 39 | 0,0875 | BALLAST | LinStatic | -18,8 | 0,022 | 0 | 0 | 0 |
| 39 | 0 | STERRASX | LinStatic | 7,809 | -9,264 | 0 | 0 | 0 |
| 39 | 0,04375 | STERRASX | LinStatic | 7,809 | -9,764 | 0 | 0 | 0 |
| 39 | 0,0875 | STERRASX | LinStatic | 7,809 | -10,248 | 0 | 0 | 0 |
| 39 | 0 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 39 | 0,04375 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 39 | 0,0875 | STERRADX | LinStatic | -7,809 | -10,248 | 0 | 0 | 0 |
| 39 | 0 | TERMP | LinStatic | -9,095E-13 | -1,521 | 0 | 0 | 0 |
| 39 | 0,04375 | TERMP | LinStatic | -9,095E-13 | -1,521 | 0 | 0 | 0 |
| 39 | 0,0875 | TERMP | LinStatic | -9,095E-13 | -1,521 | 0 | 0 | 0 |
| 39 | 0 | TERMN | LinStatic | 1,364E-12 | 4,563 | 0 | 0 | 0 |
| 39 | 0,04375 | TERMN | LinStatic | 1,364E-12 | 4,563 | 0 | 0 | 0 |
| 39 | 0,0875 | TERMN | LinStatic | 1,364E-12 | 4,563 | 0 | 0 | 0 |
| 39 | 0 | GRADTP | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 39 | 0,04375 | GRADTP | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 39 | 0,0875 | GRADTP | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 39 | 0 | GRADTN | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 39 | 0,04375 | GRADTN | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 39 | 0,0875 | GRADTN | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 39 | 0 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 39 | 0,04375 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 39 | 0,0875 | LM71C | LinStatic | -81,745 | 0,096 | 0 | 0 | 0 |
| 39 | 0 | STLM71 | LinStatic | 11,671 | -12,382 | 0 | 0 | 0 |
| 39 | 0,04375 | STLM71 | LinStatic | 11,671 | -13,464 | 0 | 0 | 0 |
| 39 | 0,0875 | STLM71 | LinStatic | 11,671 | -14,545 | 0 | 0 | 0 |
| 39 | 0 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 39 | 0,04375 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 39 | 0,0875 | AVVLM71 | LinStatic | 14,142 | 13,501 | 0 | 0 | 0 |
| 39 | 0 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 39 | 0,04375 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |
| 39 | 0,0875 | SW2 | LinStatic | -64,096 | 0,075 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|------------|-----------|----------|-----------|------------|
| 39 | 0 | STSW2 | LinStatic | 9,149 | -9,708 | 0 | 0 | 0 |
| 39 | 0,04375 | STSW2 | LinStatic | 9,149 | -10,555 | 0 | 0 | 0 |
| 39 | 0,0875 | STSW2 | LinStatic | 9,149 | -11,403 | 0 | 0 | 0 |
| 39 | 0 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 39 | 0,04375 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 39 | 0,0875 | FRENSW2 | LinStatic | 15,003 | 14,323 | 0 | 0 | 0 |
| 39 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 39 | 0,04375 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 39 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 39 | 0 | INCRTER | LinStatic | 10,41 | -11,045 | 0 | 0 | 0 |
| 39 | 0,04375 | INCRTER | LinStatic | 10,41 | -12,01 | 0 | 0 | 0 |
| 39 | 0,0875 | INCRTER | LinStatic | 10,41 | -12,974 | 0 | 0 | 0 |
| 39 | 0 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 39 | 0,04375 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 39 | 0,0875 | LM71SISO | LinStatic | 5,317 | 5,076 | 0 | 0 | 0 |
| 39 | 0 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 39 | 0,04375 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 39 | 0,0875 | SW2SISO | LinStatic | 4,16 | 3,971 | 0 | 0 | 0 |
| 39 | 0 | SISMAO | LinStatic | 12,85 | 10,347 | 0 | 0 | 0 |
| 39 | 0,04375 | SISMAO | LinStatic | 12,85 | 10,243 | 0 | 0 | 0 |
| 39 | 0,0875 | SISMAO | LinStatic | 12,85 | 10,14 | 0 | 0 | 0 |
| 39 | 0 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 39 | 0,04375 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 39 | 0,0875 | LM71SVA | LinStatic | 2,432 | -0,002864 | 0 | 0 | 0 |
| 39 | 0 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 39 | 0,04375 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 39 | 0,0875 | SW2SVA | LinStatic | 1,915 | -0,002255 | 0 | 0 | 0 |
| 39 | 0 | SISMAVA | LinStatic | 5,707 | -0,383 | 0 | 0 | 0 |
| 39 | 0,04375 | SISMAVA | LinStatic | 5,65 | -0,383 | 0 | 0 | 0 |
| 39 | 0,0875 | SISMAVA | LinStatic | 5,593 | -0,383 | 0 | 0 | 0 |
| 39 | 0 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 39 | 0,04375 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 39 | 0,0875 | LM71SVB | LinStatic | -2,432 | 0,002864 | 0 | 0 | 0 |
| 39 | 0 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 39 | 0,04375 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 39 | 0,0875 | SW2SVB | LinStatic | -1,915 | 0,002255 | 0 | 0 | 0 |
| 39 | 0 | SISMAVB | LinStatic | -5,707 | 0,383 | 0 | 0 | 0 |
| 39 | 0,04375 | SISMAVB | LinStatic | -5,65 | 0,383 | 0 | 0 | 0 |
| 39 | 0,0875 | SISMAVB | LinStatic | -5,593 | 0,383 | 0 | 0 | 0 |
| 40 | 0 | PP | LinStatic | -11,044 | -2,542 | 0 | 0 | 0 |
| 40 | 0,04375 | PP | LinStatic | -10,661 | -2,542 | 0 | 0 | 0 |
| 40 | 0,0875 | PP | LinStatic | -10,278 | -2,542 | 0 | 0 | 0 |
| 40 | 0 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 40 | 0,04375 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 40 | 0,0875 | REINTSUP | LinStatic | -8,46 | -0,009961 | 0 | 0 | 0 |
| 40 | 0 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 40 | 0,04375 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 40 | 0,0875 | BALLAST | LinStatic | -18,8 | -0,022 | 0 | 0 | 0 |
| 40 | 0 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 40 | 0,04375 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 40 | 0,0875 | STERRASX | LinStatic | -7,809 | 10,248 | 0 | 0 | 0 |
| 40 | 0 | STERRADX | LinStatic | 7,809 | 9,264 | 0 | 0 | 0 |
| 40 | 0,04375 | STERRADX | LinStatic | 7,809 | 9,764 | 0 | 0 | 0 |
| 40 | 0,0875 | STERRADX | LinStatic | 7,809 | 10,248 | 0 | 0 | 0 |
| 40 | 0 | TERMP | LinStatic | 6,821E-13 | 1,521 | 0 | 0 | 0 |
| 40 | 0,04375 | TERMP | LinStatic | 6,821E-13 | 1,521 | 0 | 0 | 0 |
| 40 | 0,0875 | TERMP | LinStatic | 6,821E-13 | 1,521 | 0 | 0 | 0 |
| 40 | 0 | TERMN | LinStatic | -2,274E-12 | -4,563 | 0 | 0 | 0 |
| 40 | 0,04375 | TERMN | LinStatic | -2,274E-12 | -4,563 | 0 | 0 | 0 |
| 40 | 0,0875 | TERMN | LinStatic | -2,274E-12 | -4,563 | 0 | 0 | 0 |
| 40 | 0 | GRADTP | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 40 | 0,04375 | GRADTP | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 40 | 0,0875 | GRADTP | LinStatic | 0 | -5,139 | 0 | 0 | 0 |
| 40 | 0 | GRADTN | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 40 | 0,04375 | GRADTN | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 40 | 0,0875 | GRADTN | LinStatic | 0 | 5,139 | 0 | 0 | 0 |
| 40 | 0 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 40 | 0,04375 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|----------|------------|----------|-----------|------------|
| 40 | 0,0875 | LM71C | LinStatic | -81,745 | -0,096 | 0 | 0 | 0 |
| 40 | 0 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 40 | 0,04375 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 40 | 0,0875 | STLM71 | LinStatic | -11,671 | 14,545 | 0 | 0 | 0 |
| 40 | 0 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 40 | 0,04375 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 40 | 0,0875 | AVVLM71 | LinStatic | -14,142 | 13,501 | 0 | 0 | 0 |
| 40 | 0 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 40 | 0,04375 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 40 | 0,0875 | SW2 | LinStatic | -64,096 | -0,075 | 0 | 0 | 0 |
| 40 | 0 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 40 | 0,04375 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 40 | 0,0875 | STSW2 | LinStatic | -9,149 | 11,403 | 0 | 0 | 0 |
| 40 | 0 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 40 | 0,04375 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 40 | 0,0875 | FRENSW2 | LinStatic | -15,003 | 14,323 | 0 | 0 | 0 |
| 40 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 40 | 0,04375 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 40 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 40 | 0 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 40 | 0,04375 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 40 | 0,0875 | INCRTER | LinStatic | -10,41 | 12,974 | 0 | 0 | 0 |
| 40 | 0 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 40 | 0,04375 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 40 | 0,0875 | LM71SISO | LinStatic | -5,317 | 5,076 | 0 | 0 | 0 |
| 40 | 0 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 40 | 0,04375 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 40 | 0,0875 | SW2SISO | LinStatic | -4,16 | 3,971 | 0 | 0 | 0 |
| 40 | 0 | SISMAO | LinStatic | -12,85 | 10,347 | 0 | 0 | 0 |
| 40 | 0,04375 | SISMAO | LinStatic | -12,85 | 10,243 | 0 | 0 | 0 |
| 40 | 0,0875 | SISMAO | LinStatic | -12,85 | 10,14 | 0 | 0 | 0 |
| 40 | 0 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 40 | 0,04375 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 40 | 0,0875 | LM71SVA | LinStatic | 2,432 | 0,002864 | 0 | 0 | 0 |
| 40 | 0 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 40 | 0,04375 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 40 | 0,0875 | SW2SVA | LinStatic | 1,915 | 0,002255 | 0 | 0 | 0 |
| 40 | 0 | SISMAVA | LinStatic | 5,707 | 0,383 | 0 | 0 | 0 |
| 40 | 0,04375 | SISMAVA | LinStatic | 5,65 | 0,383 | 0 | 0 | 0 |
| 40 | 0,0875 | SISMAVA | LinStatic | 5,593 | 0,383 | 0 | 0 | 0 |
| 40 | 0 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 40 | 0,04375 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 40 | 0,0875 | LM71SVB | LinStatic | -2,432 | -0,002864 | 0 | 0 | 0 |
| 40 | 0 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 40 | 0,04375 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 40 | 0,0875 | SW2SVB | LinStatic | -1,915 | -0,002255 | 0 | 0 | 0 |
| 40 | 0 | SISMAVB | LinStatic | -5,707 | -0,383 | 0 | 0 | 0 |
| 40 | 0,04375 | SISMAVB | LinStatic | -5,65 | -0,383 | 0 | 0 | 0 |
| 40 | 0,0875 | SISMAVB | LinStatic | -5,593 | -0,383 | 0 | 0 | 0 |
| 41 | 0 | PP | LinStatic | 2,542 | -10,278 | 0 | 0 | 0 |
| 41 | 0,0875 | PP | LinStatic | 2,542 | -9,513 | 0 | 0 | 0 |
| 41 | 0 | REINTSUP | LinStatic | 0,009961 | -8,46 | 0 | 0 | 0 |
| 41 | 0,0875 | REINTSUP | LinStatic | 0,009961 | -7,83 | 0 | 0 | 0 |
| 41 | 0 | BALLAST | LinStatic | 0,022 | -18,8 | 0 | 0 | 0 |
| 41 | 0,0875 | BALLAST | LinStatic | 0,022 | -17,4 | 0 | 0 | 0 |
| 41 | 0 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 41 | 0,0875 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 41 | 0 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 41 | 0,0875 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 41 | 0 | TERMP | LinStatic | -1,521 | -5,116E-13 | 0 | 0 | 0 |
| 41 | 0,0875 | TERMP | LinStatic | -1,521 | -5,116E-13 | 0 | 0 | 0 |
| 41 | 0 | TERMN | LinStatic | 4,563 | 1,478E-12 | 0 | 0 | 0 |
| 41 | 0,0875 | TERMN | LinStatic | 4,563 | 1,478E-12 | 0 | 0 | 0 |
| 41 | 0 | GRADTP | LinStatic | 5,139 | -2,274E-13 | 0 | 0 | 0 |
| 41 | 0,0875 | GRADTP | LinStatic | 5,139 | -2,274E-13 | 0 | 0 | 0 |
| 41 | 0 | GRADTN | LinStatic | -5,139 | 2,274E-13 | 0 | 0 | 0 |
| 41 | 0,0875 | GRADTN | LinStatic | -5,139 | 2,274E-13 | 0 | 0 | 0 |
| 41 | 0 | LM71C | LinStatic | 0,096 | -81,745 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|-----------|-----------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 41 | 0,0875 | LM71C | LinStatic | 0,096 | -75,657 | 0 | 0 | 0 |
| 41 | 0 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 41 | 0,0875 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 41 | 0 | AVVLM71 | LinStatic | 13,501 | 14,142 | 0 | 0 | 0 |
| 41 | 0,0875 | AVVLM71 | LinStatic | 12,495 | 14,142 | 0 | 0 | 0 |
| 41 | 0 | SW2 | LinStatic | 0,075 | -64,096 | 0 | 0 | 0 |
| 41 | 0,0875 | SW2 | LinStatic | 0,075 | -59,323 | 0 | 0 | 0 |
| 41 | 0 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 41 | 0,0875 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 41 | 0 | FRENSW2 | LinStatic | 14,323 | 15,003 | 0 | 0 | 0 |
| 41 | 0,0875 | FRENSW2 | LinStatic | 13,257 | 15,003 | 0 | 0 | 0 |
| 41 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 41 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 41 | 0 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 41 | 0,0875 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 41 | 0 | LM71SISO | LinStatic | 5,076 | 5,317 | 0 | 0 | 0 |
| 41 | 0,0875 | LM71SISO | LinStatic | 4,698 | 5,317 | 0 | 0 | 0 |
| 41 | 0 | SW2SISO | LinStatic | 3,971 | 4,16 | 0 | 0 | 0 |
| 41 | 0,0875 | SW2SISO | LinStatic | 3,676 | 4,16 | 0 | 0 | 0 |
| 41 | 0 | SISMAO | LinStatic | 10,14 | 12,85 | 0 | 0 | 0 |
| 41 | 0,0875 | SISMAO | LinStatic | 9,385 | 12,85 | 0 | 0 | 0 |
| 41 | 0 | LM71SVA | LinStatic | -0,002864 | 2,432 | 0 | 0 | 0 |
| 41 | 0,0875 | LM71SVA | LinStatic | -0,002864 | 2,251 | 0 | 0 | 0 |
| 41 | 0 | SW2SVA | LinStatic | -0,002255 | 1,915 | 0 | 0 | 0 |
| 41 | 0,0875 | SW2SVA | LinStatic | -0,002255 | 1,773 | 0 | 0 | 0 |
| 41 | 0 | SISMAVA | LinStatic | -0,383 | 5,593 | 0 | 0 | 0 |
| 41 | 0,0875 | SISMAVA | LinStatic | -0,383 | 5,176 | 0 | 0 | 0 |
| 41 | 0 | LM71SVB | LinStatic | 0,002864 | -2,432 | 0 | 0 | 0 |
| 41 | 0,0875 | LM71SVB | LinStatic | 0,002864 | -2,251 | 0 | 0 | 0 |
| 41 | 0 | SW2SVB | LinStatic | 0,002255 | -1,915 | 0 | 0 | 0 |
| 41 | 0,0875 | SW2SVB | LinStatic | 0,002255 | -1,773 | 0 | 0 | 0 |
| 41 | 0 | SISMAVB | LinStatic | 0,383 | -5,593 | 0 | 0 | 0 |
| 41 | 0,0875 | SISMAVB | LinStatic | 0,383 | -5,176 | 0 | 0 | 0 |
| 42 | 0 | PP | LinStatic | 2,542 | -9,513 | 0 | 0 | 0 |
| 42 | 0,0875 | PP | LinStatic | 2,542 | -8,747 | 0 | 0 | 0 |
| 42 | 0 | REINTSUP | LinStatic | 0,009961 | -7,83 | 0 | 0 | 0 |
| 42 | 0,0875 | REINTSUP | LinStatic | 0,009961 | -7,2 | 0 | 0 | 0 |
| 42 | 0 | BALLAST | LinStatic | 0,022 | -17,4 | 0 | 0 | 0 |
| 42 | 0,0875 | BALLAST | LinStatic | 0,022 | -16 | 0 | 0 | 0 |
| 42 | 0 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 42 | 0,0875 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 42 | 0 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 42 | 0,0875 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 42 | 0 | TERMP | LinStatic | -1,521 | -5,4E-13 | 0 | 0 | 0 |
| 42 | 0,0875 | TERMP | LinStatic | -1,521 | -5,4E-13 | 0 | 0 | 0 |
| 42 | 0 | TERMN | LinStatic | 4,563 | 1,251E-12 | 0 | 0 | 0 |
| 42 | 0,0875 | TERMN | LinStatic | 4,563 | 1,251E-12 | 0 | 0 | 0 |
| 42 | 0 | GRADTP | LinStatic | 5,139 | 0 | 0 | 0 | 0 |
| 42 | 0,0875 | GRADTP | LinStatic | 5,139 | 0 | 0 | 0 | 0 |
| 42 | 0 | GRADTN | LinStatic | -5,139 | 0 | 0 | 0 | 0 |
| 42 | 0,0875 | GRADTN | LinStatic | -5,139 | 0 | 0 | 0 | 0 |
| 42 | 0 | LM71C | LinStatic | 0,096 | -75,657 | 0 | 0 | 0 |
| 42 | 0,0875 | LM71C | LinStatic | 0,096 | -69,57 | 0 | 0 | 0 |
| 42 | 0 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 42 | 0,0875 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 42 | 0 | AVVLM71 | LinStatic | 12,495 | 14,142 | 0 | 0 | 0 |
| 42 | 0,0875 | AVVLM71 | LinStatic | 11,49 | 14,142 | 0 | 0 | 0 |
| 42 | 0 | SW2 | LinStatic | 0,075 | -59,323 | 0 | 0 | 0 |
| 42 | 0,0875 | SW2 | LinStatic | 0,075 | -54,55 | 0 | 0 | 0 |
| 42 | 0 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 42 | 0,0875 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 42 | 0 | FRENSW2 | LinStatic | 13,257 | 15,003 | 0 | 0 | 0 |
| 42 | 0,0875 | FRENSW2 | LinStatic | 12,19 | 15,003 | 0 | 0 | 0 |
| 42 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 42 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 42 | 0 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 42 | 0,0875 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 42 | 0 | LM71SISO | LinStatic | 4,698 | 5,317 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|------------|----------|-----------|------------|
| 42 | 0,0875 | LM71SISO | LinStatic | 4,32 | 5,317 | 0 | 0 | 0 |
| 42 | 0 | SW2SISO | LinStatic | 3,676 | 4,16 | 0 | 0 | 0 |
| 42 | 0,0875 | SW2SISO | LinStatic | 3,38 | 4,16 | 0 | 0 | 0 |
| 42 | 0 | SISMAO | LinStatic | 9,385 | 12,85 | 0 | 0 | 0 |
| 42 | 0,0875 | SISMAO | LinStatic | 8,63 | 12,85 | 0 | 0 | 0 |
| 42 | 0 | LM71SVA | LinStatic | -0,002864 | 2,251 | 0 | 0 | 0 |
| 42 | 0,0875 | LM71SVA | LinStatic | -0,002864 | 2,07 | 0 | 0 | 0 |
| 42 | 0 | SW2SVA | LinStatic | -0,002255 | 1,773 | 0 | 0 | 0 |
| 42 | 0,0875 | SW2SVA | LinStatic | -0,002255 | 1,63 | 0 | 0 | 0 |
| 42 | 0 | SISMAVA | LinStatic | -0,383 | 5,176 | 0 | 0 | 0 |
| 42 | 0,0875 | SISMAVA | LinStatic | -0,383 | 4,76 | 0 | 0 | 0 |
| 42 | 0 | LM71SVB | LinStatic | 0,002864 | -2,251 | 0 | 0 | 0 |
| 42 | 0,0875 | LM71SVB | LinStatic | 0,002864 | -2,07 | 0 | 0 | 0 |
| 42 | 0 | SW2SVB | LinStatic | 0,002255 | -1,773 | 0 | 0 | 0 |
| 42 | 0,0875 | SW2SVB | LinStatic | 0,002255 | -1,63 | 0 | 0 | 0 |
| 42 | 0 | SISMAVB | LinStatic | 0,383 | -5,176 | 0 | 0 | 0 |
| 42 | 0,0875 | SISMAVB | LinStatic | 0,383 | -4,76 | 0 | 0 | 0 |
| 43 | 0 | PP | LinStatic | 2,542 | -8,747 | 0 | 0 | 0 |
| 43 | 0,33333 | PP | LinStatic | 2,542 | -5,832 | 0 | 0 | 0 |
| 43 | 0,66667 | PP | LinStatic | 2,542 | -2,916 | 0 | 0 | 0 |
| 43 | 0 | REINTSUP | LinStatic | 0,009961 | -7,2 | 0 | 0 | 0 |
| 43 | 0,33333 | REINTSUP | LinStatic | 0,009961 | -4,8 | 0 | 0 | 0 |
| 43 | 0,66667 | REINTSUP | LinStatic | 0,009961 | -2,4 | 0 | 0 | 0 |
| 43 | 0 | BALLAST | LinStatic | 0,022 | -16 | 0 | 0 | 0 |
| 43 | 0,33333 | BALLAST | LinStatic | 0,022 | -10,667 | 0 | 0 | 0 |
| 43 | 0,66667 | BALLAST | LinStatic | 0,022 | -5,333 | 0 | 0 | 0 |
| 43 | 0 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 43 | 0,33333 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 43 | 0,66667 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 43 | 0 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 43 | 0,33333 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 43 | 0,66667 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 43 | 0 | TERMP | LinStatic | -1,521 | -5,76E-13 | 0 | 0 | 0 |
| 43 | 0,33333 | TERMP | LinStatic | -1,521 | -5,76E-13 | 0 | 0 | 0 |
| 43 | 0,66667 | TERMP | LinStatic | -1,521 | -5,76E-13 | 0 | 0 | 0 |
| 43 | 0 | TERMN | LinStatic | 4,563 | 1,517E-12 | 0 | 0 | 0 |
| 43 | 0,33333 | TERMN | LinStatic | 4,563 | 1,517E-12 | 0 | 0 | 0 |
| 43 | 0,66667 | TERMN | LinStatic | 4,563 | 1,517E-12 | 0 | 0 | 0 |
| 43 | 0 | GRADTP | LinStatic | 5,139 | 1,421E-14 | 0 | 0 | 0 |
| 43 | 0,33333 | GRADTP | LinStatic | 5,139 | 1,421E-14 | 0 | 0 | 0 |
| 43 | 0,66667 | GRADTP | LinStatic | 5,139 | 1,421E-14 | 0 | 0 | 0 |
| 43 | 0 | GRADTN | LinStatic | -5,139 | -1,421E-14 | 0 | 0 | 0 |
| 43 | 0,33333 | GRADTN | LinStatic | -5,139 | -1,421E-14 | 0 | 0 | 0 |
| 43 | 0,66667 | GRADTN | LinStatic | -5,139 | -1,421E-14 | 0 | 0 | 0 |
| 43 | 0 | LM71C | LinStatic | 0,096 | -69,57 | 0 | 0 | 0 |
| 43 | 0,33333 | LM71C | LinStatic | 0,096 | -46,38 | 0 | 0 | 0 |
| 43 | 0,66667 | LM71C | LinStatic | 0,096 | -23,19 | 0 | 0 | 0 |
| 43 | 0 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 43 | 0,33333 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 43 | 0,66667 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 43 | 0 | AVVLM71 | LinStatic | 11,49 | 14,142 | 0 | 0 | 0 |
| 43 | 0,33333 | AVVLM71 | LinStatic | 7,66 | 14,142 | 0 | 0 | 0 |
| 43 | 0,66667 | AVVLM71 | LinStatic | 3,83 | 14,142 | 0 | 0 | 0 |
| 43 | 0 | SW2 | LinStatic | 0,075 | -54,55 | 0 | 0 | 0 |
| 43 | 0,33333 | SW2 | LinStatic | 0,075 | -36,367 | 0 | 0 | 0 |
| 43 | 0,66667 | SW2 | LinStatic | 0,075 | -18,183 | 0 | 0 | 0 |
| 43 | 0 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 43 | 0,33333 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 43 | 0,66667 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 43 | 0 | FRENSW2 | LinStatic | 12,19 | 15,003 | 0 | 0 | 0 |
| 43 | 0,33333 | FRENSW2 | LinStatic | 8,127 | 15,003 | 0 | 0 | 0 |
| 43 | 0,66667 | FRENSW2 | LinStatic | 4,063 | 15,003 | 0 | 0 | 0 |
| 43 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 43 | 0,33333 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 43 | 0,66667 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 43 | 0 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 43 | 0,33333 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 43 | 0,66667 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|------------|------------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 43 | 0 | LM71SISO | LinStatic | 4,32 | 5,317 | 0 | 0 | 0 |
| 43 | 0,33333 | LM71SISO | LinStatic | 2,88 | 5,317 | 0 | 0 | 0 |
| 43 | 0,66667 | LM71SISO | LinStatic | 1,44 | 5,317 | 0 | 0 | 0 |
| 43 | 0 | SW2SISO | LinStatic | 3,38 | 4,16 | 0 | 0 | 0 |
| 43 | 0,33333 | SW2SISO | LinStatic | 2,253 | 4,16 | 0 | 0 | 0 |
| 43 | 0,66667 | SW2SISO | LinStatic | 1,127 | 4,16 | 0 | 0 | 0 |
| 43 | 0 | SISMAO | LinStatic | 8,63 | 12,85 | 0 | 0 | 0 |
| 43 | 0,33333 | SISMAO | LinStatic | 5,753 | 12,85 | 0 | 0 | 0 |
| 43 | 0,66667 | SISMAO | LinStatic | 2,877 | 12,85 | 0 | 0 | 0 |
| 43 | 0 | LM71SVA | LinStatic | -0,002864 | 2,07 | 0 | 0 | 0 |
| 43 | 0,33333 | LM71SVA | LinStatic | -0,002864 | 1,38 | 0 | 0 | 0 |
| 43 | 0,66667 | LM71SVA | LinStatic | -0,002864 | 0,69 | 0 | 0 | 0 |
| 43 | 0 | SW2SVA | LinStatic | -0,002255 | 1,63 | 0 | 0 | 0 |
| 43 | 0,33333 | SW2SVA | LinStatic | -0,002255 | 1,087 | 0 | 0 | 0 |
| 43 | 0,66667 | SW2SVA | LinStatic | -0,002255 | 0,543 | 0 | 0 | 0 |
| 43 | 0 | SISMAVA | LinStatic | -0,383 | 4,76 | 0 | 0 | 0 |
| 43 | 0,33333 | SISMAVA | LinStatic | -0,383 | 3,173 | 0 | 0 | 0 |
| 43 | 0,66667 | SISMAVA | LinStatic | -0,383 | 1,587 | 0 | 0 | 0 |
| 43 | 0 | LM71SVB | LinStatic | 0,002864 | -2,07 | 0 | 0 | 0 |
| 43 | 0,33333 | LM71SVB | LinStatic | 0,002864 | -1,38 | 0 | 0 | 0 |
| 43 | 0,66667 | LM71SVB | LinStatic | 0,002864 | -0,69 | 0 | 0 | 0 |
| 43 | 0 | SW2SVB | LinStatic | 0,002255 | -1,63 | 0 | 0 | 0 |
| 43 | 0,33333 | SW2SVB | LinStatic | 0,002255 | -1,087 | 0 | 0 | 0 |
| 43 | 0,66667 | SW2SVB | LinStatic | 0,002255 | -0,543 | 0 | 0 | 0 |
| 43 | 0 | SISMAVB | LinStatic | 0,383 | -4,76 | 0 | 0 | 0 |
| 43 | 0,33333 | SISMAVB | LinStatic | 0,383 | -3,173 | 0 | 0 | 0 |
| 43 | 0,66667 | SISMAVB | LinStatic | 0,383 | -1,587 | 0 | 0 | 0 |
| 44 | 0 | PP | LinStatic | 2,542 | -2,916 | 0 | 0 | 0 |
| 44 | 0,33333 | PP | LinStatic | 2,542 | -3,22E-12 | 0 | 0 | 0 |
| 44 | 0,66667 | PP | LinStatic | 2,542 | 2,916 | 0 | 0 | 0 |
| 44 | 0 | REINTSUP | LinStatic | 0,009961 | -2,4 | 0 | 0 | 0 |
| 44 | 0,33333 | REINTSUP | LinStatic | 0,009961 | -1,468E-12 | 0 | 0 | 0 |
| 44 | 0,66667 | REINTSUP | LinStatic | 0,009961 | 2,4 | 0 | 0 | 0 |
| 44 | 0 | BALLAST | LinStatic | 0,022 | -5,333 | 0 | 0 | 0 |
| 44 | 0,33333 | BALLAST | LinStatic | 0,022 | -4,274E-12 | 0 | 0 | 0 |
| 44 | 0,66667 | BALLAST | LinStatic | 0,022 | 5,333 | 0 | 0 | 0 |
| 44 | 0 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 44 | 0,33333 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 44 | 0,66667 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 44 | 0 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 44 | 0,33333 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 44 | 0,66667 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 44 | 0 | TERMP | LinStatic | -1,521 | -5,738E-13 | 0 | 0 | 0 |
| 44 | 0,33333 | TERMP | LinStatic | -1,521 | -5,738E-13 | 0 | 0 | 0 |
| 44 | 0,66667 | TERMP | LinStatic | -1,521 | -5,738E-13 | 0 | 0 | 0 |
| 44 | 0 | TERMN | LinStatic | 4,563 | 1,513E-12 | 0 | 0 | 0 |
| 44 | 0,33333 | TERMN | LinStatic | 4,563 | 1,513E-12 | 0 | 0 | 0 |
| 44 | 0,66667 | TERMN | LinStatic | 4,563 | 1,513E-12 | 0 | 0 | 0 |
| 44 | 0 | GRADTP | LinStatic | 5,139 | 0 | 0 | 0 | 0 |
| 44 | 0,33333 | GRADTP | LinStatic | 5,139 | 0 | 0 | 0 | 0 |
| 44 | 0,66667 | GRADTP | LinStatic | 5,139 | 0 | 0 | 0 | 0 |
| 44 | 0 | GRADTN | LinStatic | -5,139 | 0 | 0 | 0 | 0 |
| 44 | 0,33333 | GRADTN | LinStatic | -5,139 | 0 | 0 | 0 | 0 |
| 44 | 0,66667 | GRADTN | LinStatic | -5,139 | 0 | 0 | 0 | 0 |
| 44 | 0 | LM71C | LinStatic | 0,096 | -23,19 | 0 | 0 | 0 |
| 44 | 0,33333 | LM71C | LinStatic | 0,096 | -2,429E-11 | 0 | 0 | 0 |
| 44 | 0,66667 | LM71C | LinStatic | 0,096 | 23,19 | 0 | 0 | 0 |
| 44 | 0 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 44 | 0,33333 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 44 | 0,66667 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 44 | 0 | AVVLM71 | LinStatic | 3,83 | 14,142 | 0 | 0 | 0 |
| 44 | 0,33333 | AVVLM71 | LinStatic | -5,075E-10 | 14,142 | 0 | 0 | 0 |
| 44 | 0,66667 | AVVLM71 | LinStatic | -3,83 | 14,142 | 0 | 0 | 0 |
| 44 | 0 | SW2 | LinStatic | 0,075 | -18,183 | 0 | 0 | 0 |
| 44 | 0,33333 | SW2 | LinStatic | 0,075 | -1,926E-11 | 0 | 0 | 0 |
| 44 | 0,66667 | SW2 | LinStatic | 0,075 | 18,183 | 0 | 0 | 0 |
| 44 | 0 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 44 | 0,33333 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|--------------|------------|-----------|------------|------------|----|------|------|
| | | | | KN | KN | KN | KN-m | KN-m |
| 44 | 0,66667 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 44 | 0 | FRENSW2 | LinStatic | 4,063 | 15,003 | 0 | 0 | 0 |
| 44 | 0,33333 | FRENSW2 | LinStatic | -5,619E-10 | 15,003 | 0 | 0 | 0 |
| 44 | 0,66667 | FRENSW2 | LinStatic | -4,063 | 15,003 | 0 | 0 | 0 |
| 44 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 44 | 0,33333 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 44 | 0,66667 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 44 | 0 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 44 | 0,33333 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 44 | 0,66667 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 44 | 0 | LM71SISO | LinStatic | 1,44 | 5,317 | 0 | 0 | 0 |
| 44 | 0,33333 | LM71SISO | LinStatic | -2,305E-10 | 5,317 | 0 | 0 | 0 |
| 44 | 0,66667 | LM71SISO | LinStatic | -1,44 | 5,317 | 0 | 0 | 0 |
| 44 | 0 | SW2SISO | LinStatic | 1,127 | 4,16 | 0 | 0 | 0 |
| 44 | 0,33333 | SW2SISO | LinStatic | -1,634E-10 | 4,16 | 0 | 0 | 0 |
| 44 | 0,66667 | SW2SISO | LinStatic | -1,127 | 4,16 | 0 | 0 | 0 |
| 44 | 0 | SISMAO | LinStatic | 2,877 | 12,85 | 0 | 0 | 0 |
| 44 | 0,33333 | SISMAO | LinStatic | -6,581E-10 | 12,85 | 0 | 0 | 0 |
| 44 | 0,66667 | SISMAO | LinStatic | -2,877 | 12,85 | 0 | 0 | 0 |
| 44 | 0 | LM71SVA | LinStatic | -0,002864 | 0,69 | 0 | 0 | 0 |
| 44 | 0,33333 | LM71SVA | LinStatic | -0,002864 | 5,132E-13 | 0 | 0 | 0 |
| 44 | 0,66667 | LM71SVA | LinStatic | -0,002864 | -0,69 | 0 | 0 | 0 |
| 44 | 0 | SW2SVA | LinStatic | -0,002255 | 0,543 | 0 | 0 | 0 |
| 44 | 0,33333 | SW2SVA | LinStatic | -0,002255 | 5,321E-13 | 0 | 0 | 0 |
| 44 | 0,66667 | SW2SVA | LinStatic | -0,002255 | -0,543 | 0 | 0 | 0 |
| 44 | 0 | SISMAVA | LinStatic | -0,383 | 1,587 | 0 | 0 | 0 |
| 44 | 0,33333 | SISMAVA | LinStatic | -0,383 | 2,204E-12 | 0 | 0 | 0 |
| 44 | 0,66667 | SISMAVA | LinStatic | -0,383 | -1,587 | 0 | 0 | 0 |
| 44 | 0 | LM71SVB | LinStatic | 0,002864 | -0,69 | 0 | 0 | 0 |
| 44 | 0,33333 | LM71SVB | LinStatic | 0,002864 | -5,132E-13 | 0 | 0 | 0 |
| 44 | 0,66667 | LM71SVB | LinStatic | 0,002864 | 0,69 | 0 | 0 | 0 |
| 44 | 0 | SW2SVB | LinStatic | 0,002255 | -0,543 | 0 | 0 | 0 |
| 44 | 0,33333 | SW2SVB | LinStatic | 0,002255 | -5,321E-13 | 0 | 0 | 0 |
| 44 | 0,66667 | SW2SVB | LinStatic | 0,002255 | 0,543 | 0 | 0 | 0 |
| 44 | 0 | SISMAVB | LinStatic | 0,383 | -1,587 | 0 | 0 | 0 |
| 44 | 0,33333 | SISMAVB | LinStatic | 0,383 | -2,204E-12 | 0 | 0 | 0 |
| 44 | 0,66667 | SISMAVB | LinStatic | 0,383 | 1,587 | 0 | 0 | 0 |
| 45 | 0 | PP | LinStatic | 2,542 | 2,916 | 0 | 0 | 0 |
| 45 | 0,33333 | PP | LinStatic | 2,542 | 5,832 | 0 | 0 | 0 |
| 45 | 0,66667 | PP | LinStatic | 2,542 | 8,747 | 0 | 0 | 0 |
| 45 | 0 | REINTSUP | LinStatic | 0,009961 | 2,4 | 0 | 0 | 0 |
| 45 | 0,33333 | REINTSUP | LinStatic | 0,009961 | 4,8 | 0 | 0 | 0 |
| 45 | 0,66667 | REINTSUP | LinStatic | 0,009961 | 7,2 | 0 | 0 | 0 |
| 45 | 0 | BALLAST | LinStatic | 0,022 | 5,333 | 0 | 0 | 0 |
| 45 | 0,33333 | BALLAST | LinStatic | 0,022 | 10,667 | 0 | 0 | 0 |
| 45 | 0,66667 | BALLAST | LinStatic | 0,022 | 16 | 0 | 0 | 0 |
| 45 | 0 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 45 | 0,33333 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 45 | 0,66667 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 45 | 0 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 45 | 0,33333 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 45 | 0,66667 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 45 | 0 | TERMP | LinStatic | -1,521 | -5,764E-13 | 0 | 0 | 0 |
| 45 | 0,33333 | TERMP | LinStatic | -1,521 | -5,764E-13 | 0 | 0 | 0 |
| 45 | 0,66667 | TERMP | LinStatic | -1,521 | -5,764E-13 | 0 | 0 | 0 |
| 45 | 0 | TERMN | LinStatic | 4,563 | 1,533E-12 | 0 | 0 | 0 |
| 45 | 0,33333 | TERMN | LinStatic | 4,563 | 1,533E-12 | 0 | 0 | 0 |
| 45 | 0,66667 | TERMN | LinStatic | 4,563 | 1,533E-12 | 0 | 0 | 0 |
| 45 | 0 | GRADTP | LinStatic | 5,139 | 0 | 0 | 0 | 0 |
| 45 | 0,33333 | GRADTP | LinStatic | 5,139 | 0 | 0 | 0 | 0 |
| 45 | 0,66667 | GRADTP | LinStatic | 5,139 | 0 | 0 | 0 | 0 |
| 45 | 0 | GRADTN | LinStatic | -5,139 | 0 | 0 | 0 | 0 |
| 45 | 0,33333 | GRADTN | LinStatic | -5,139 | 0 | 0 | 0 | 0 |
| 45 | 0,66667 | GRADTN | LinStatic | -5,139 | 0 | 0 | 0 | 0 |
| 45 | 0 | LM71C | LinStatic | 0,096 | 23,19 | 0 | 0 | 0 |
| 45 | 0,33333 | LM71C | LinStatic | 0,096 | 46,38 | 0 | 0 | 0 |
| 45 | 0,66667 | LM71C | LinStatic | 0,096 | 69,57 | 0 | 0 | 0 |
| 45 | 0 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|------------|----------|-----------|------------|
| 45 | 0,33333 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 45 | 0,66667 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 45 | 0 | AVVLM71 | LinStatic | -3,83 | 14,142 | 0 | 0 | 0 |
| 45 | 0,33333 | AVVLM71 | LinStatic | -7,66 | 14,142 | 0 | 0 | 0 |
| 45 | 0,66667 | AVVLM71 | LinStatic | -11,49 | 14,142 | 0 | 0 | 0 |
| 45 | 0 | SW2 | LinStatic | 0,075 | 18,183 | 0 | 0 | 0 |
| 45 | 0,33333 | SW2 | LinStatic | 0,075 | 36,367 | 0 | 0 | 0 |
| 45 | 0,66667 | SW2 | LinStatic | 0,075 | 54,55 | 0 | 0 | 0 |
| 45 | 0 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 45 | 0,33333 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 45 | 0,66667 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 45 | 0 | FRENSW2 | LinStatic | -4,063 | 15,003 | 0 | 0 | 0 |
| 45 | 0,33333 | FRENSW2 | LinStatic | -8,127 | 15,003 | 0 | 0 | 0 |
| 45 | 0,66667 | FRENSW2 | LinStatic | -12,19 | 15,003 | 0 | 0 | 0 |
| 45 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 45 | 0,33333 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 45 | 0,66667 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 45 | 0,33333 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 45 | 0,66667 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 45 | 0 | LM71SISO | LinStatic | -1,44 | 5,317 | 0 | 0 | 0 |
| 45 | 0,33333 | LM71SISO | LinStatic | -2,88 | 5,317 | 0 | 0 | 0 |
| 45 | 0,66667 | LM71SISO | LinStatic | -4,32 | 5,317 | 0 | 0 | 0 |
| 45 | 0 | SW2SISO | LinStatic | -1,127 | 4,16 | 0 | 0 | 0 |
| 45 | 0,33333 | SW2SISO | LinStatic | -2,253 | 4,16 | 0 | 0 | 0 |
| 45 | 0,66667 | SW2SISO | LinStatic | -3,38 | 4,16 | 0 | 0 | 0 |
| 45 | 0 | SISMAO | LinStatic | -2,877 | 12,85 | 0 | 0 | 0 |
| 45 | 0,33333 | SISMAO | LinStatic | -5,753 | 12,85 | 0 | 0 | 0 |
| 45 | 0,66667 | SISMAO | LinStatic | -8,63 | 12,85 | 0 | 0 | 0 |
| 45 | 0 | LM71SVA | LinStatic | -0,002864 | -0,69 | 0 | 0 | 0 |
| 45 | 0,33333 | LM71SVA | LinStatic | -0,002864 | -1,38 | 0 | 0 | 0 |
| 45 | 0,66667 | LM71SVA | LinStatic | -0,002864 | -2,07 | 0 | 0 | 0 |
| 45 | 0 | SW2SVA | LinStatic | -0,002255 | -0,543 | 0 | 0 | 0 |
| 45 | 0,33333 | SW2SVA | LinStatic | -0,002255 | -1,087 | 0 | 0 | 0 |
| 45 | 0,66667 | SW2SVA | LinStatic | -0,002255 | -1,63 | 0 | 0 | 0 |
| 45 | 0 | SISMAVA | LinStatic | -0,383 | -1,587 | 0 | 0 | 0 |
| 45 | 0,33333 | SISMAVA | LinStatic | -0,383 | -3,173 | 0 | 0 | 0 |
| 45 | 0,66667 | SISMAVA | LinStatic | -0,383 | -4,76 | 0 | 0 | 0 |
| 45 | 0 | LM71SVB | LinStatic | 0,002864 | 0,69 | 0 | 0 | 0 |
| 45 | 0,33333 | LM71SVB | LinStatic | 0,002864 | 1,38 | 0 | 0 | 0 |
| 45 | 0,66667 | LM71SVB | LinStatic | 0,002864 | 2,07 | 0 | 0 | 0 |
| 45 | 0 | SW2SVB | LinStatic | 0,002255 | 0,543 | 0 | 0 | 0 |
| 45 | 0,33333 | SW2SVB | LinStatic | 0,002255 | 1,087 | 0 | 0 | 0 |
| 45 | 0,66667 | SW2SVB | LinStatic | 0,002255 | 1,63 | 0 | 0 | 0 |
| 45 | 0 | SISMAVB | LinStatic | 0,383 | 1,587 | 0 | 0 | 0 |
| 45 | 0,33333 | SISMAVB | LinStatic | 0,383 | 3,173 | 0 | 0 | 0 |
| 45 | 0,66667 | SISMAVB | LinStatic | 0,383 | 4,76 | 0 | 0 | 0 |
| 46 | 0 | PP | LinStatic | 2,542 | 8,747 | 0 | 0 | 0 |
| 46 | 0,0875 | PP | LinStatic | 2,542 | 9,513 | 0 | 0 | 0 |
| 46 | 0 | REINTSUP | LinStatic | 0,009961 | 7,2 | 0 | 0 | 0 |
| 46 | 0,0875 | REINTSUP | LinStatic | 0,009961 | 7,83 | 0 | 0 | 0 |
| 46 | 0 | BALLAST | LinStatic | 0,022 | 16 | 0 | 0 | 0 |
| 46 | 0,0875 | BALLAST | LinStatic | 0,022 | 17,4 | 0 | 0 | 0 |
| 46 | 0 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 46 | 0,0875 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 46 | 0 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 46 | 0,0875 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 46 | 0 | TERMP | LinStatic | -1,521 | -5,116E-13 | 0 | 0 | 0 |
| 46 | 0,0875 | TERMP | LinStatic | -1,521 | -5,116E-13 | 0 | 0 | 0 |
| 46 | 0 | TERMN | LinStatic | 4,563 | 1,478E-12 | 0 | 0 | 0 |
| 46 | 0,0875 | TERMN | LinStatic | 4,563 | 1,478E-12 | 0 | 0 | 0 |
| 46 | 0 | GRADTP | LinStatic | 5,139 | 0 | 0 | 0 | 0 |
| 46 | 0,0875 | GRADTP | LinStatic | 5,139 | 0 | 0 | 0 | 0 |
| 46 | 0 | GRADTN | LinStatic | -5,139 | 0 | 0 | 0 | 0 |
| 46 | 0,0875 | GRADTN | LinStatic | -5,139 | 0 | 0 | 0 | 0 |
| 46 | 0 | LM71C | LinStatic | 0,096 | 69,57 | 0 | 0 | 0 |
| 46 | 0,0875 | LM71C | LinStatic | 0,096 | 75,657 | 0 | 0 | 0 |
| 46 | 0 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|------------|----------|-----------|------------|
| 46 | 0,0875 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 46 | 0 | AVVLM71 | LinStatic | -11,49 | 14,142 | 0 | 0 | 0 |
| 46 | 0,0875 | AVVLM71 | LinStatic | -12,495 | 14,142 | 0 | 0 | 0 |
| 46 | 0 | SW2 | LinStatic | 0,075 | 54,55 | 0 | 0 | 0 |
| 46 | 0,0875 | SW2 | LinStatic | 0,075 | 59,323 | 0 | 0 | 0 |
| 46 | 0 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 46 | 0,0875 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 46 | 0 | FRENSW2 | LinStatic | -12,19 | 15,003 | 0 | 0 | 0 |
| 46 | 0,0875 | FRENSW2 | LinStatic | -13,257 | 15,003 | 0 | 0 | 0 |
| 46 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 46 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 46 | 0 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 46 | 0,0875 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 46 | 0 | LM71SISO | LinStatic | -4,32 | 5,317 | 0 | 0 | 0 |
| 46 | 0,0875 | LM71SISO | LinStatic | -4,698 | 5,317 | 0 | 0 | 0 |
| 46 | 0 | SW2SISO | LinStatic | -3,38 | 4,16 | 0 | 0 | 0 |
| 46 | 0,0875 | SW2SISO | LinStatic | -3,676 | 4,16 | 0 | 0 | 0 |
| 46 | 0 | SISMAO | LinStatic | -8,63 | 12,85 | 0 | 0 | 0 |
| 46 | 0,0875 | SISMAO | LinStatic | -9,385 | 12,85 | 0 | 0 | 0 |
| 46 | 0 | LM71SVA | LinStatic | -0,002864 | -2,07 | 0 | 0 | 0 |
| 46 | 0,0875 | LM71SVA | LinStatic | -0,002864 | -2,251 | 0 | 0 | 0 |
| 46 | 0 | SW2SVA | LinStatic | -0,002255 | -1,63 | 0 | 0 | 0 |
| 46 | 0,0875 | SW2SVA | LinStatic | -0,002255 | -1,773 | 0 | 0 | 0 |
| 46 | 0 | SISMAVA | LinStatic | -0,383 | -4,76 | 0 | 0 | 0 |
| 46 | 0,0875 | SISMAVA | LinStatic | -0,383 | -5,177 | 0 | 0 | 0 |
| 46 | 0 | LM71SVB | LinStatic | 0,002864 | 2,07 | 0 | 0 | 0 |
| 46 | 0,0875 | LM71SVB | LinStatic | 0,002864 | 2,251 | 0 | 0 | 0 |
| 46 | 0 | SW2SVB | LinStatic | 0,002255 | 1,63 | 0 | 0 | 0 |
| 46 | 0,0875 | SW2SVB | LinStatic | 0,002255 | 1,773 | 0 | 0 | 0 |
| 46 | 0 | SISMAVB | LinStatic | 0,383 | 4,76 | 0 | 0 | 0 |
| 46 | 0,0875 | SISMAVB | LinStatic | 0,383 | 5,177 | 0 | 0 | 0 |
| 47 | 0 | PP | LinStatic | 2,542 | 9,513 | 0 | 0 | 0 |
| 47 | 0,0875 | PP | LinStatic | 2,542 | 10,278 | 0 | 0 | 0 |
| 47 | 0 | REINTSUP | LinStatic | 0,009961 | 7,83 | 0 | 0 | 0 |
| 47 | 0,0875 | REINTSUP | LinStatic | 0,009961 | 8,46 | 0 | 0 | 0 |
| 47 | 0 | BALLAST | LinStatic | 0,022 | 17,4 | 0 | 0 | 0 |
| 47 | 0,0875 | BALLAST | LinStatic | 0,022 | 18,8 | 0 | 0 | 0 |
| 47 | 0 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 47 | 0,0875 | STERRASX | LinStatic | -10,248 | 7,809 | 0 | 0 | 0 |
| 47 | 0 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 47 | 0,0875 | STERRADX | LinStatic | -10,248 | -7,809 | 0 | 0 | 0 |
| 47 | 0 | TERMP | LinStatic | -1,521 | -5,684E-13 | 0 | 0 | 0 |
| 47 | 0,0875 | TERMP | LinStatic | -1,521 | -5,684E-13 | 0 | 0 | 0 |
| 47 | 0 | TERMN | LinStatic | 4,563 | 1,478E-12 | 0 | 0 | 0 |
| 47 | 0,0875 | TERMN | LinStatic | 4,563 | 1,478E-12 | 0 | 0 | 0 |
| 47 | 0 | GRADTP | LinStatic | 5,139 | -1,137E-13 | 0 | 0 | 0 |
| 47 | 0,0875 | GRADTP | LinStatic | 5,139 | -1,137E-13 | 0 | 0 | 0 |
| 47 | 0 | GRADTN | LinStatic | -5,139 | 1,137E-13 | 0 | 0 | 0 |
| 47 | 0,0875 | GRADTN | LinStatic | -5,139 | 1,137E-13 | 0 | 0 | 0 |
| 47 | 0 | LM71C | LinStatic | 0,096 | 75,657 | 0 | 0 | 0 |
| 47 | 0,0875 | LM71C | LinStatic | 0,096 | 81,745 | 0 | 0 | 0 |
| 47 | 0 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 47 | 0,0875 | STLM71 | LinStatic | -14,545 | 11,671 | 0 | 0 | 0 |
| 47 | 0 | AVVLM71 | LinStatic | -12,495 | 14,142 | 0 | 0 | 0 |
| 47 | 0,0875 | AVVLM71 | LinStatic | -13,501 | 14,142 | 0 | 0 | 0 |
| 47 | 0 | SW2 | LinStatic | 0,075 | 59,323 | 0 | 0 | 0 |
| 47 | 0,0875 | SW2 | LinStatic | 0,075 | 64,096 | 0 | 0 | 0 |
| 47 | 0 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 47 | 0,0875 | STSW2 | LinStatic | -11,403 | 9,149 | 0 | 0 | 0 |
| 47 | 0 | FRENSW2 | LinStatic | -13,257 | 15,003 | 0 | 0 | 0 |
| 47 | 0,0875 | FRENSW2 | LinStatic | -14,323 | 15,003 | 0 | 0 | 0 |
| 47 | 0 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 47 | 0,0875 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 |
| 47 | 0 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 47 | 0,0875 | INCRTER | LinStatic | -12,974 | 10,41 | 0 | 0 | 0 |
| 47 | 0 | LM71SISO | LinStatic | -4,698 | 5,317 | 0 | 0 | 0 |
| 47 | 0,0875 | LM71SISO | LinStatic | -5,076 | 5,317 | 0 | 0 | 0 |
| 47 | 0 | SW2SISO | LinStatic | -3,676 | 4,16 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|-----------|----------|----------|-----------|------------|
| 47 | 0,0875 | SW2SISO | LinStatic | -3,971 | 4,16 | 0 | 0 | 0 |
| 47 | 0 | SISMAO | LinStatic | -9,385 | 12,85 | 0 | 0 | 0 |
| 47 | 0,0875 | SISMAO | LinStatic | -10,14 | 12,85 | 0 | 0 | 0 |
| 47 | 0 | LM71SVA | LinStatic | -0,002864 | -2,251 | 0 | 0 | 0 |
| 47 | 0,0875 | LM71SVA | LinStatic | -0,002864 | -2,432 | 0 | 0 | 0 |
| 47 | 0 | SW2SVA | LinStatic | -0,002255 | -1,773 | 0 | 0 | 0 |
| 47 | 0,0875 | SW2SVA | LinStatic | -0,002255 | -1,915 | 0 | 0 | 0 |
| 47 | 0 | SISMAVA | LinStatic | -0,383 | -5,177 | 0 | 0 | 0 |
| 47 | 0,0875 | SISMAVA | LinStatic | -0,383 | -5,593 | 0 | 0 | 0 |
| 47 | 0 | LM71SVB | LinStatic | 0,002864 | 2,251 | 0 | 0 | 0 |
| 47 | 0,0875 | LM71SVB | LinStatic | 0,002864 | 2,432 | 0 | 0 | 0 |
| 47 | 0 | SW2SVB | LinStatic | 0,002255 | 1,773 | 0 | 0 | 0 |
| 47 | 0,0875 | SW2SVB | LinStatic | 0,002255 | 1,915 | 0 | 0 | 0 |
| 47 | 0 | SISMAVB | LinStatic | 0,383 | 5,177 | 0 | 0 | 0 |
| 47 | 0,0875 | SISMAVB | LinStatic | 0,383 | 5,593 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 1 | 0 | PP | 7,0344 | 1-1 | 0 |
| 1 | 0,0875 | PP | 4,4374 | 1-1 | 0,0875 |
| 1 | 0 | REINTSUP | 1,6764 | 1-1 | 0 |
| 1 | 0,0875 | REINTSUP | 0,9639 | 1-1 | 0,0875 |
| 1 | 0 | BALLAST | 3,7254 | 1-1 | 0 |
| 1 | 0,0875 | BALLAST | 2,1421 | 1-1 | 0,0875 |
| 1 | 0 | STERRASX | 17,5268 | 1-1 | 0 |
| 1 | 0,0875 | STERRASX | 18,0086 | 1-1 | 0,0875 |
| 1 | 0 | STERRADX | -12,5949 | 1-1 | 0 |
| 1 | 0,0875 | STERRADX | -13,0771 | 1-1 | 0,0875 |
| 1 | 0 | TERMP | -1,7763 | 1-1 | 0 |
| 1 | 0,0875 | TERMP | -1,7761 | 1-1 | 0,0875 |
| 1 | 0 | TERMN | 5,3288 | 1-1 | 0 |
| 1 | 0,0875 | TERMN | 5,3284 | 1-1 | 0,0875 |
| 1 | 0 | GRADTP | 1,9025 | 1-1 | 0 |
| 1 | 0,0875 | GRADTP | 1,9023 | 1-1 | 0,0875 |
| 1 | 0 | GRADTN | -1,9025 | 1-1 | 0 |
| 1 | 0,0875 | GRADTN | -1,9023 | 1-1 | 0,0875 |
| 1 | 0 | LM71C | 16,1985 | 1-1 | 0 |
| 1 | 0,0875 | LM71C | 9,314 | 1-1 | 0,0875 |
| 1 | 0 | STLM71 | 23,2167 | 1-1 | 0 |
| 1 | 0,0875 | STLM71 | 23,9543 | 1-1 | 0,0875 |
| 1 | 0 | AVVLM71 | 15,11 | 1-1 | 0 |
| 1 | 0,0875 | AVVLM71 | 16,084 | 1-1 | 0,0875 |
| 1 | 0 | SW2 | 12,7012 | 1-1 | 0 |
| 1 | 0,0875 | SW2 | 7,3031 | 1-1 | 0,0875 |
| 1 | 0 | STSW2 | 18,2015 | 1-1 | 0 |
| 1 | 0,0875 | STSW2 | 18,7797 | 1-1 | 0,0875 |
| 1 | 0 | FRENSW2 | 16,0306 | 1-1 | 0 |
| 1 | 0,0875 | FRENSW2 | 17,0639 | 1-1 | 0,0875 |
| 1 | 0 | SERP | 0 | 1-1 | 0 |
| 1 | 0,0875 | SERP | 0 | 1-1 | 0,0875 |
| 1 | 0 | INCRTER | 20,7091 | 1-1 | 0 |
| 1 | 0,0875 | INCRTER | 21,367 | 1-1 | 0,0875 |
| 1 | 0 | LM71SISO | 5,681 | 1-1 | 0 |
| 1 | 0,0875 | LM71SISO | 6,0473 | 1-1 | 0,0875 |
| 1 | 0 | SW2SISO | 4,4449 | 1-1 | 0 |
| 1 | 0,0875 | SW2SISO | 4,7314 | 1-1 | 0,0875 |
| 1 | 0 | SISMAO | 15,2472 | 1-1 | 0 |
| 1 | 0,0875 | SISMAO | 16,1196 | 1-1 | 0,0875 |
| 1 | 0 | LM71SVA | -0,482 | 1-1 | 0 |
| 1 | 0,0875 | LM71SVA | -0,2771 | 1-1 | 0,0875 |
| 1 | 0 | SW2SVA | -0,3795 | 1-1 | 0 |
| 1 | 0,0875 | SW2SVA | -0,2182 | 1-1 | 0,0875 |
| 1 | 0 | SISMAVA | -1,8517 | 1-1 | 0 |
| 1 | 0,0875 | SISMAVA | -1,1233 | 1-1 | 0,0875 |
| 1 | 0 | LM71SVB | 0,482 | 1-1 | 0 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 1 | 0,0875 | LM71SVB | 0,2771 | 1-1 | 0,0875 |
| 1 | 0 | SW2SVB | 0,3795 | 1-1 | 0 |
| 1 | 0,0875 | SW2SVB | 0,2182 | 1-1 | 0,0875 |
| 1 | 0 | SISMAVB | 1,8517 | 1-1 | 0 |
| 1 | 0,0875 | SISMAVB | 1,1233 | 1-1 | 0,0875 |
| 2 | 0 | PP | 4,4374 | 2-1 | 0 |
| 2 | 0,0875 | PP | 2,0425 | 2-1 | 0,0875 |
| 2 | 0 | REINTSUP | 0,9639 | 2-1 | 0 |
| 2 | 0,0875 | REINTSUP | 0,3069 | 2-1 | 0,0875 |
| 2 | 0 | BALLAST | 2,1421 | 2-1 | 0 |
| 2 | 0,0875 | BALLAST | 0,682 | 2-1 | 0,0875 |
| 2 | 0 | STERRASX | 18,0086 | 2-1 | 0 |
| 2 | 0,0875 | STERRASX | 18,1178 | 2-1 | 0,0875 |
| 2 | 0 | STERRADX | -13,0771 | 2-1 | 0 |
| 2 | 0,0875 | STERRADX | -13,1873 | 2-1 | 0,0875 |
| 2 | 0 | TERMP | -1,7761 | 2-1 | 0 |
| 2 | 0,0875 | TERMP | -1,7758 | 2-1 | 0,0875 |
| 2 | 0 | TERMN | 5,3284 | 2-1 | 0 |
| 2 | 0,0875 | TERMN | 5,3273 | 2-1 | 0,0875 |
| 2 | 0 | GRADTP | 1,9023 | 2-1 | 0 |
| 2 | 0,0875 | GRADTP | 1,9019 | 2-1 | 0,0875 |
| 2 | 0 | GRADTN | -1,9023 | 2-1 | 0 |
| 2 | 0,0875 | GRADTN | -1,9019 | 2-1 | 0,0875 |
| 2 | 0 | LM71C | 9,314 | 2-1 | 0 |
| 2 | 0,0875 | LM71C | 2,9653 | 2-1 | 0,0875 |
| 2 | 0 | STLM71 | 23,9543 | 2-1 | 0 |
| 2 | 0,0875 | STLM71 | 24,1672 | 2-1 | 0,0875 |
| 2 | 0 | AVVLM71 | 16,084 | 2-1 | 0 |
| 2 | 0,0875 | AVVLM71 | 16,5707 | 2-1 | 0,0875 |
| 2 | 0 | SW2 | 7,3031 | 2-1 | 0 |
| 2 | 0,0875 | SW2 | 2,3251 | 2-1 | 0,0875 |
| 2 | 0 | STSW2 | 18,7797 | 2-1 | 0 |
| 2 | 0,0875 | STSW2 | 18,9466 | 2-1 | 0,0875 |
| 2 | 0 | FRENSW2 | 17,0639 | 2-1 | 0 |
| 2 | 0,0875 | FRENSW2 | 17,5803 | 2-1 | 0,0875 |
| 2 | 0 | SERP | 0 | 2-1 | 0 |
| 2 | 0,0875 | SERP | 0 | 2-1 | 0,0875 |
| 2 | 0 | INCRTER | 21,367 | 2-1 | 0 |
| 2 | 0,0875 | INCRTER | 21,5569 | 2-1 | 0,0875 |
| 2 | 0 | LM71SISO | 6,0473 | 2-1 | 0 |
| 2 | 0,0875 | LM71SISO | 6,2303 | 2-1 | 0,0875 |
| 2 | 0 | SW2SISO | 4,7314 | 2-1 | 0 |
| 2 | 0,0875 | SW2SISO | 4,8746 | 2-1 | 0,0875 |
| 2 | 0 | SISMAO | 16,1196 | 2-1 | 0 |
| 2 | 0,0875 | SISMAO | 16,5259 | 2-1 | 0,0875 |
| 2 | 0 | LM71SVA | -0,2771 | 2-1 | 0 |
| 2 | 0,0875 | LM71SVA | -0,0882 | 2-1 | 0,0875 |
| 2 | 0 | SW2SVA | -0,2182 | 2-1 | 0 |
| 2 | 0,0875 | SW2SVA | -0,0695 | 2-1 | 0,0875 |
| 2 | 0 | SISMAVA | -1,1233 | 2-1 | 0 |
| 2 | 0,0875 | SISMAVA | -0,4517 | 2-1 | 0,0875 |
| 2 | 0 | LM71SVB | 0,2771 | 2-1 | 0 |
| 2 | 0,0875 | LM71SVB | 0,0882 | 2-1 | 0,0875 |
| 2 | 0 | SW2SVB | 0,2182 | 2-1 | 0 |
| 2 | 0,0875 | SW2SVB | 0,0695 | 2-1 | 0,0875 |
| 2 | 0 | SISMAVB | 1,1233 | 2-1 | 0 |
| 2 | 0,0875 | SISMAVB | 0,4517 | 2-1 | 0,0875 |
| 3 | 0 | PP | 2,0425 | 3-1 | 0 |
| 3 | 0,1 | PP | -0,4475 | 3-1 | 0,1 |
| 3 | 0 | REINTSUP | 0,3069 | 3-1 | 0 |
| 3 | 0,1 | REINTSUP | -0,3762 | 3-1 | 0,1 |
| 3 | 0 | BALLAST | 0,682 | 3-1 | 0 |
| 3 | 0,1 | BALLAST | -0,836 | 3-1 | 0,1 |
| 3 | 0 | STERRASX | 18,1178 | 3-1 | 0 |
| 3 | 0,1 | STERRASX | 17,8234 | 3-1 | 0,1 |
| 3 | 0 | STERRADX | -13,1873 | 3-1 | 0 |
| 3 | 0,1 | STERRADX | -12,8945 | 3-1 | 0,1 |
| 3 | 0 | TERMP | -1,7758 | 3-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 3 | 0,1 | TERMP | -1,7752 | 3-1 | 0,1 |
| 3 | 0 | TERMN | 5,3273 | 3-1 | 0 |
| 3 | 0,1 | TERMN | 5,3255 | 3-1 | 0,1 |
| 3 | 0 | GRADTP | 1,9019 | 3-1 | 0 |
| 3 | 0,1 | GRADTP | 1,9013 | 3-1 | 0,1 |
| 3 | 0 | GRADTN | -1,9019 | 3-1 | 0 |
| 3 | 0,1 | GRADTN | -1,9013 | 3-1 | 0,1 |
| 3 | 0 | LM71C | 2,9653 | 3-1 | 0 |
| 3 | 0,1 | LM71C | -3,635 | 3-1 | 0,1 |
| 3 | 0 | STLM71 | 24,1672 | 3-1 | 0 |
| 3 | 0,1 | STLM71 | 23,8202 | 3-1 | 0,1 |
| 3 | 0 | AVVLM71 | 16,5707 | 3-1 | 0 |
| 3 | 0,1 | AVVLM71 | 16,5786 | 3-1 | 0,1 |
| 3 | 0 | SW2 | 2,3251 | 3-1 | 0 |
| 3 | 0,1 | SW2 | -2,8502 | 3-1 | 0,1 |
| 3 | 0 | STSW2 | 18,9466 | 3-1 | 0 |
| 3 | 0,1 | STSW2 | 18,6746 | 3-1 | 0,1 |
| 3 | 0 | FRENSW2 | 17,5803 | 3-1 | 0 |
| 3 | 0,1 | FRENSW2 | 17,5886 | 3-1 | 0,1 |
| 3 | 0 | SERP | 0 | 3-1 | 0 |
| 3 | 0,1 | SERP | 0 | 3-1 | 0,1 |
| 3 | 0 | INCRTER | 21,5569 | 3-1 | 0 |
| 3 | 0,1 | INCRTER | 21,2474 | 3-1 | 0,1 |
| 3 | 0 | LM71SISO | 6,2303 | 3-1 | 0 |
| 3 | 0,1 | LM71SISO | 6,2332 | 3-1 | 0,1 |
| 3 | 0 | SW2SISO | 4,8746 | 3-1 | 0 |
| 3 | 0,1 | SW2SISO | 4,8769 | 3-1 | 0,1 |
| 3 | 0 | SISMAO | 16,5259 | 3-1 | 0 |
| 3 | 0,1 | SISMAO | 16,4657 | 3-1 | 0,1 |
| 3 | 0 | LM71SVA | -0,0882 | 3-1 | 0 |
| 3 | 0,1 | LM71SVA | 0,1082 | 3-1 | 0,1 |
| 3 | 0 | SW2SVA | -0,0695 | 3-1 | 0 |
| 3 | 0,1 | SW2SVA | 0,0852 | 3-1 | 0,1 |
| 3 | 0 | SISMAVA | -0,4517 | 3-1 | 0 |
| 3 | 0,1 | SISMAVA | 0,2466 | 3-1 | 0,1 |
| 3 | 0 | LM71SVB | 0,0882 | 3-1 | 0 |
| 3 | 0,1 | LM71SVB | -0,1082 | 3-1 | 0,1 |
| 3 | 0 | SW2SVB | 0,0695 | 3-1 | 0 |
| 3 | 0,1 | SW2SVB | -0,0852 | 3-1 | 0,1 |
| 3 | 0 | SISMAVB | 0,4517 | 3-1 | 0 |
| 3 | 0,1 | SISMAVB | -0,2466 | 3-1 | 0,1 |
| 4 | 0 | PP | -0,4475 | 4-1 | 0 |
| 4 | 0,1 | PP | -2,6744 | 4-1 | 0,1 |
| 4 | 0 | REINTSUP | -0,3762 | 4-1 | 0 |
| 4 | 0,1 | REINTSUP | -0,9871 | 4-1 | 0,1 |
| 4 | 0 | BALLAST | -0,836 | 4-1 | 0 |
| 4 | 0,1 | BALLAST | -2,1935 | 4-1 | 0,1 |
| 4 | 0 | STERRASX | 17,8234 | 4-1 | 0 |
| 4 | 0,1 | STERRASX | 17,1267 | 4-1 | 0,1 |
| 4 | 0 | STERRADX | -12,8945 | 4-1 | 0 |
| 4 | 0,1 | STERRADX | -12,2 | 4-1 | 0,1 |
| 4 | 0 | TERMP | -1,7752 | 4-1 | 0 |
| 4 | 0,1 | TERMP | -1,7744 | 4-1 | 0,1 |
| 4 | 0 | TERMN | 5,3255 | 4-1 | 0 |
| 4 | 0,1 | TERMN | 5,3233 | 4-1 | 0,1 |
| 4 | 0 | GRADTP | 1,9013 | 4-1 | 0 |
| 4 | 0,1 | GRADTP | 1,9005 | 4-1 | 0,1 |
| 4 | 0 | GRADTN | -1,9013 | 4-1 | 0 |
| 4 | 0,1 | GRADTN | -1,9005 | 4-1 | 0,1 |
| 4 | 0 | LM71C | -3,635 | 4-1 | 0 |
| 4 | 0,1 | LM71C | -9,5374 | 4-1 | 0,1 |
| 4 | 0 | STLM71 | 23,8202 | 4-1 | 0 |
| 4 | 0,1 | STLM71 | 22,907 | 4-1 | 0,1 |
| 4 | 0 | AVVLM71 | 16,5786 | 4-1 | 0 |
| 4 | 0,1 | AVVLM71 | 16,0602 | 4-1 | 0,1 |
| 4 | 0 | SW2 | -2,8502 | 4-1 | 0 |
| 4 | 0,1 | SW2 | -7,4783 | 4-1 | 0,1 |
| 4 | 0 | STSW2 | 18,6746 | 4-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 4 | 0,1 | STSW2 | 17,9586 | 4-1 | 0,1 |
| 4 | 0 | FRENSW2 | 17,5886 | 4-1 | 0 |
| 4 | 0,1 | FRENSW2 | 17,0386 | 4-1 | 0,1 |
| 4 | 0 | SERP | 0 | 4-1 | 0 |
| 4 | 0,1 | SERP | 0 | 4-1 | 0,1 |
| 4 | 0 | INCRTER | 21,2474 | 4-1 | 0 |
| 4 | 0,1 | INCRTER | 20,4328 | 4-1 | 0,1 |
| 4 | 0 | LM71SISO | 6,2332 | 4-1 | 0 |
| 4 | 0,1 | LM71SISO | 6,0383 | 4-1 | 0,1 |
| 4 | 0 | SW2SISO | 4,8769 | 4-1 | 0 |
| 4 | 0,1 | SW2SISO | 4,7244 | 4-1 | 0,1 |
| 4 | 0 | SISMAO | 16,4657 | 4-1 | 0 |
| 4 | 0,1 | SISMAO | 15,9022 | 4-1 | 0,1 |
| 4 | 0 | LM71SVA | 0,1082 | 4-1 | 0 |
| 4 | 0,1 | LM71SVA | 0,2838 | 4-1 | 0,1 |
| 4 | 0 | SW2SVA | 0,0852 | 4-1 | 0 |
| 4 | 0,1 | SW2SVA | 0,2235 | 4-1 | 0,1 |
| 4 | 0 | SISMAVA | 0,2466 | 4-1 | 0 |
| 4 | 0,1 | SISMAVA | 0,8711 | 4-1 | 0,1 |
| 4 | 0 | LM71SVB | -0,1082 | 4-1 | 0 |
| 4 | 0,1 | LM71SVB | -0,2838 | 4-1 | 0,1 |
| 4 | 0 | SW2SVB | -0,0852 | 4-1 | 0 |
| 4 | 0,1 | SW2SVB | -0,2235 | 4-1 | 0,1 |
| 4 | 0 | SISMAVB | -0,2466 | 4-1 | 0 |
| 4 | 0,1 | SISMAVB | -0,8711 | 4-1 | 0,1 |
| 5 | 0 | PP | -2,6744 | 5-1 | 0 |
| 5 | 0,1 | PP | -4,6383 | 5-1 | 0,1 |
| 5 | 0 | REINTSUP | -0,9871 | 5-1 | 0 |
| 5 | 0,1 | REINTSUP | -1,5258 | 5-1 | 0,1 |
| 5 | 0 | BALLAST | -2,1935 | 5-1 | 0 |
| 5 | 0,1 | BALLAST | -3,3906 | 5-1 | 0,1 |
| 5 | 0 | STERRASX | 17,1267 | 5-1 | 0 |
| 5 | 0,1 | STERRASX | 16,0729 | 5-1 | 0,1 |
| 5 | 0 | STERRADX | -12,2 | 5-1 | 0 |
| 5 | 0,1 | STERRADX | -11,1484 | 5-1 | 0,1 |
| 5 | 0 | TERMP | -1,7744 | 5-1 | 0 |
| 5 | 0,1 | TERMP | -1,7736 | 5-1 | 0,1 |
| 5 | 0 | TERMN | 5,3233 | 5-1 | 0 |
| 5 | 0,1 | TERMN | 5,3209 | 5-1 | 0,1 |
| 5 | 0 | GRADTP | 1,9005 | 5-1 | 0 |
| 5 | 0,1 | GRADTP | 1,8996 | 5-1 | 0,1 |
| 5 | 0 | GRADTN | -1,9005 | 5-1 | 0 |
| 5 | 0,1 | GRADTN | -1,8996 | 5-1 | 0,1 |
| 5 | 0 | LM71C | -9,5374 | 5-1 | 0 |
| 5 | 0,1 | LM71C | -14,7428 | 5-1 | 0,1 |
| 5 | 0 | STLM71 | 22,907 | 5-1 | 0 |
| 5 | 0,1 | STLM71 | 21,4908 | 5-1 | 0,1 |
| 5 | 0 | AVVLM71 | 16,0602 | 5-1 | 0 |
| 5 | 0,1 | AVVLM71 | 15,0743 | 5-1 | 0,1 |
| 5 | 0 | SW2 | -7,4783 | 5-1 | 0 |
| 5 | 0,1 | SW2 | -11,5599 | 5-1 | 0,1 |
| 5 | 0 | STSW2 | 17,9586 | 5-1 | 0 |
| 5 | 0,1 | STSW2 | 16,8484 | 5-1 | 0,1 |
| 5 | 0 | FRENSW2 | 17,0386 | 5-1 | 0 |
| 5 | 0,1 | FRENSW2 | 15,9926 | 5-1 | 0,1 |
| 5 | 0 | SERP | 0 | 5-1 | 0 |
| 5 | 0,1 | SERP | 0 | 5-1 | 0,1 |
| 5 | 0 | INCRTER | 20,4328 | 5-1 | 0 |
| 5 | 0,1 | INCRTER | 19,1696 | 5-1 | 0,1 |
| 5 | 0 | LM71SISO | 6,0383 | 5-1 | 0 |
| 5 | 0,1 | LM71SISO | 5,6676 | 5-1 | 0,1 |
| 5 | 0 | SW2SISO | 4,7244 | 5-1 | 0 |
| 5 | 0,1 | SW2SISO | 4,4344 | 5-1 | 0,1 |
| 5 | 0 | SISMAO | 15,9022 | 5-1 | 0 |
| 5 | 0,1 | SISMAO | 14,8916 | 5-1 | 0,1 |
| 5 | 0 | LM71SVA | 0,2838 | 5-1 | 0 |
| 5 | 0,1 | LM71SVA | 0,4387 | 5-1 | 0,1 |
| 5 | 0 | SW2SVA | 0,2235 | 5-1 | 0 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 5 | 0,1 | SW2SVA | 0,3454 | 5-1 | 0,1 |
| 5 | 0 | SISMAVA | 0,8711 | 5-1 | 0 |
| 5 | 0,1 | SISMAVA | 1,4219 | 5-1 | 0,1 |
| 5 | 0 | LM71SVB | -0,2838 | 5-1 | 0 |
| 5 | 0,1 | LM71SVB | -0,4387 | 5-1 | 0,1 |
| 5 | 0 | SW2SVB | -0,2235 | 5-1 | 0 |
| 5 | 0,1 | SW2SVB | -0,3454 | 5-1 | 0,1 |
| 5 | 0 | SISMAVB | -0,8711 | 5-1 | 0 |
| 5 | 0,1 | SISMAVB | -1,4219 | 5-1 | 0,1 |
| 6 | 0 | PP | -4,6383 | 6-1 | 0 |
| 6 | 0,1 | PP | -6,3397 | 6-1 | 0,1 |
| 6 | 0 | REINTSUP | -1,5258 | 6-1 | 0 |
| 6 | 0,1 | REINTSUP | -1,9925 | 6-1 | 0,1 |
| 6 | 0 | BALLAST | -3,3906 | 6-1 | 0 |
| 6 | 0,1 | BALLAST | -4,4277 | 6-1 | 0,1 |
| 6 | 0 | STERRASX | 16,0729 | 6-1 | 0 |
| 6 | 0,1 | STERRASX | 14,7068 | 6-1 | 0,1 |
| 6 | 0 | STERRADX | -11,1484 | 6-1 | 0 |
| 6 | 0,1 | STERRADX | -9,7846 | 6-1 | 0,1 |
| 6 | 0 | TERMP | -1,7736 | 6-1 | 0 |
| 6 | 0,1 | TERMP | -1,7728 | 6-1 | 0,1 |
| 6 | 0 | TERMN | 5,3209 | 6-1 | 0 |
| 6 | 0,1 | TERMN | 5,3184 | 6-1 | 0,1 |
| 6 | 0 | GRADTP | 1,8996 | 6-1 | 0 |
| 6 | 0,1 | GRADTP | 1,8988 | 6-1 | 0,1 |
| 6 | 0 | GRADTN | -1,8996 | 6-1 | 0 |
| 6 | 0,1 | GRADTN | -1,8988 | 6-1 | 0,1 |
| 6 | 0 | LM71C | -14,7428 | 6-1 | 0 |
| 6 | 0,1 | LM71C | -19,2521 | 6-1 | 0,1 |
| 6 | 0 | STLM71 | 21,4908 | 6-1 | 0 |
| 6 | 0,1 | STLM71 | 19,6349 | 6-1 | 0,1 |
| 6 | 0 | AVVLM71 | 15,0743 | 6-1 | 0 |
| 6 | 0,1 | AVVLM71 | 13,6795 | 6-1 | 0,1 |
| 6 | 0 | SW2 | -11,5599 | 6-1 | 0 |
| 6 | 0,1 | SW2 | -15,0956 | 6-1 | 0,1 |
| 6 | 0 | STSW2 | 16,8484 | 6-1 | 0 |
| 6 | 0,1 | STSW2 | 15,3933 | 6-1 | 0,1 |
| 6 | 0 | FRENSW2 | 15,9926 | 6-1 | 0 |
| 6 | 0,1 | FRENSW2 | 14,5129 | 6-1 | 0,1 |
| 6 | 0 | SERP | 0 | 6-1 | 0 |
| 6 | 0,1 | SERP | 0 | 6-1 | 0,1 |
| 6 | 0 | INCRTER | 19,1696 | 6-1 | 0 |
| 6 | 0,1 | INCRTER | 17,5141 | 6-1 | 0,1 |
| 6 | 0 | LM71SISO | 5,6676 | 6-1 | 0 |
| 6 | 0,1 | LM71SISO | 5,1432 | 6-1 | 0,1 |
| 6 | 0 | SW2SISO | 4,4344 | 6-1 | 0 |
| 6 | 0,1 | SW2SISO | 4,0241 | 6-1 | 0,1 |
| 6 | 0 | SISMAO | 14,8916 | 6-1 | 0 |
| 6 | 0,1 | SISMAO | 13,4899 | 6-1 | 0,1 |
| 6 | 0 | LM71SVA | 0,4387 | 6-1 | 0 |
| 6 | 0,1 | LM71SVA | 0,5728 | 6-1 | 0,1 |
| 6 | 0 | SW2SVA | 0,3454 | 6-1 | 0 |
| 6 | 0,1 | SW2SVA | 0,4511 | 6-1 | 0,1 |
| 6 | 0 | SISMAVA | 1,4219 | 6-1 | 0 |
| 6 | 0,1 | SISMAVA | 1,899 | 6-1 | 0,1 |
| 6 | 0 | LM71SVB | -0,4387 | 6-1 | 0 |
| 6 | 0,1 | LM71SVB | -0,5728 | 6-1 | 0,1 |
| 6 | 0 | SW2SVB | -0,3454 | 6-1 | 0 |
| 6 | 0,1 | SW2SVB | -0,4511 | 6-1 | 0,1 |
| 6 | 0 | SISMAVB | -1,4219 | 6-1 | 0 |
| 6 | 0,1 | SISMAVB | -1,899 | 6-1 | 0,1 |
| 7 | 0 | PP | -6,3397 | 7-1 | 0 |
| 7 | 0,1 | PP | -7,7787 | 7-1 | 0,1 |
| 7 | 0 | REINTSUP | -1,9925 | 7-1 | 0 |
| 7 | 0,1 | REINTSUP | -2,3872 | 7-1 | 0,1 |
| 7 | 0 | BALLAST | -4,4277 | 7-1 | 0 |
| 7 | 0,1 | BALLAST | -5,3049 | 7-1 | 0,1 |
| 7 | 0 | STERRASX | 14,7068 | 7-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 7 | 0,1 | STERRASX | 13,0733 | 7-1 | 0,1 |
| 7 | 0 | STERRADX | -9,7846 | 7-1 | 0 |
| 7 | 0,1 | STERRADX | -8,1532 | 7-1 | 0,1 |
| 7 | 0 | TERMP | -1,7728 | 7-1 | 0 |
| 7 | 0,1 | TERMP | -1,772 | 7-1 | 0,1 |
| 7 | 0 | TERMN | 5,3184 | 7-1 | 0 |
| 7 | 0,1 | TERMN | 5,316 | 7-1 | 0,1 |
| 7 | 0 | GRADTP | 1,8988 | 7-1 | 0 |
| 7 | 0,1 | GRADTP | 1,8979 | 7-1 | 0,1 |
| 7 | 0 | GRADTN | -1,8988 | 7-1 | 0 |
| 7 | 0,1 | GRADTN | -1,8979 | 7-1 | 0,1 |
| 7 | 0 | LM71C | -19,2521 | 7-1 | 0 |
| 7 | 0,1 | LM71C | -23,0662 | 7-1 | 0,1 |
| 7 | 0 | STLM71 | 19,6349 | 7-1 | 0 |
| 7 | 0,1 | STLM71 | 17,4022 | 7-1 | 0,1 |
| 7 | 0 | AVVLM71 | 13,6795 | 7-1 | 0 |
| 7 | 0,1 | AVVLM71 | 11,9345 | 7-1 | 0,1 |
| 7 | 0 | SW2 | -15,0956 | 7-1 | 0 |
| 7 | 0,1 | SW2 | -18,0862 | 7-1 | 0,1 |
| 7 | 0 | STSW2 | 15,3933 | 7-1 | 0 |
| 7 | 0,1 | STSW2 | 13,643 | 7-1 | 0,1 |
| 7 | 0 | FRENSW2 | 14,5129 | 7-1 | 0 |
| 7 | 0,1 | FRENSW2 | 12,6616 | 7-1 | 0,1 |
| 7 | 0 | SERP | 0 | 7-1 | 0 |
| 7 | 0,1 | SERP | 0 | 7-1 | 0,1 |
| 7 | 0 | INCRTER | 17,5141 | 7-1 | 0 |
| 7 | 0,1 | INCRTER | 15,5226 | 7-1 | 0,1 |
| 7 | 0 | LM71SISO | 5,1432 | 7-1 | 0 |
| 7 | 0,1 | LM71SISO | 4,4871 | 7-1 | 0,1 |
| 7 | 0 | SW2SISO | 4,0241 | 7-1 | 0 |
| 7 | 0,1 | SW2SISO | 3,5108 | 7-1 | 0,1 |
| 7 | 0 | SISMAO | 13,4899 | 7-1 | 0 |
| 7 | 0,1 | SISMAO | 11,7531 | 7-1 | 0,1 |
| 7 | 0 | LM71SVA | 0,5728 | 7-1 | 0 |
| 7 | 0,1 | LM71SVA | 0,6863 | 7-1 | 0,1 |
| 7 | 0 | SW2SVA | 0,4511 | 7-1 | 0 |
| 7 | 0,1 | SW2SVA | 0,5404 | 7-1 | 0,1 |
| 7 | 0 | SISMAVA | 1,899 | 7-1 | 0 |
| 7 | 0,1 | SISMAVA | 2,3026 | 7-1 | 0,1 |
| 7 | 0 | LM71SVB | -0,5728 | 7-1 | 0 |
| 7 | 0,1 | LM71SVB | -0,6863 | 7-1 | 0,1 |
| 7 | 0 | SW2SVB | -0,4511 | 7-1 | 0 |
| 7 | 0,1 | SW2SVB | -0,5404 | 7-1 | 0,1 |
| 7 | 0 | SISMAVB | -1,899 | 7-1 | 0 |
| 7 | 0,1 | SISMAVB | -2,3026 | 7-1 | 0,1 |
| 8 | 0 | PP | -7,7787 | 8-1 | 0 |
| 8 | 0,1 | PP | -8,9558 | 8-1 | 0,1 |
| 8 | 0 | REINTSUP | -2,3872 | 8-1 | 0 |
| 8 | 0,1 | REINTSUP | -2,71 | 8-1 | 0,1 |
| 8 | 0 | BALLAST | -5,3049 | 8-1 | 0 |
| 8 | 0,1 | BALLAST | -6,0223 | 8-1 | 0,1 |
| 8 | 0 | STERRASX | 13,0733 | 8-1 | 0 |
| 8 | 0,1 | STERRASX | 11,2169 | 8-1 | 0,1 |
| 8 | 0 | STERRADX | -8,1532 | 8-1 | 0 |
| 8 | 0,1 | STERRADX | -6,2988 | 8-1 | 0,1 |
| 8 | 0 | TERMP | -1,772 | 8-1 | 0 |
| 8 | 0,1 | TERMP | -1,7713 | 8-1 | 0,1 |
| 8 | 0 | TERMN | 5,316 | 8-1 | 0 |
| 8 | 0,1 | TERMN | 5,3139 | 8-1 | 0,1 |
| 8 | 0 | GRADTP | 1,8979 | 8-1 | 0 |
| 8 | 0,1 | GRADTP | 1,8972 | 8-1 | 0,1 |
| 8 | 0 | GRADTN | -1,8979 | 8-1 | 0 |
| 8 | 0,1 | GRADTN | -1,8972 | 8-1 | 0,1 |
| 8 | 0 | LM71C | -23,0662 | 8-1 | 0 |
| 8 | 0,1 | LM71C | -26,1857 | 8-1 | 0,1 |
| 8 | 0 | STLM71 | 17,4022 | 8-1 | 0 |
| 8 | 0,1 | STLM71 | 14,8558 | 8-1 | 0,1 |
| 8 | 0 | AVVLM71 | 11,9345 | 8-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 8 | 0,1 | AVVLM71 | 9,8976 | 8-1 | 0,1 |
| 8 | 0 | SW2 | -18,0862 | 8-1 | 0 |
| 8 | 0,1 | SW2 | -20,5322 | 8-1 | 0,1 |
| 8 | 0 | STSW2 | 13,643 | 8-1 | 0 |
| 8 | 0,1 | STSW2 | 11,6467 | 8-1 | 0,1 |
| 8 | 0 | FRENSW2 | 12,6616 | 8-1 | 0 |
| 8 | 0,1 | FRENSW2 | 10,5006 | 8-1 | 0,1 |
| 8 | 0 | SERP | 0 | 8-1 | 0 |
| 8 | 0,1 | SERP | 0 | 8-1 | 0,1 |
| 8 | 0 | INCRTER | 15,5226 | 8-1 | 0 |
| 8 | 0,1 | INCRTER | 13,2513 | 8-1 | 0,1 |
| 8 | 0 | LM71SISO | 4,4871 | 8-1 | 0 |
| 8 | 0,1 | LM71SISO | 3,7213 | 8-1 | 0,1 |
| 8 | 0 | SW2SISO | 3,5108 | 8-1 | 0 |
| 8 | 0,1 | SW2SISO | 2,9116 | 8-1 | 0,1 |
| 8 | 0 | SISMAO | 11,7531 | 8-1 | 0 |
| 8 | 0,1 | SISMAO | 9,7373 | 8-1 | 0,1 |
| 8 | 0 | LM71SVA | 0,6863 | 8-1 | 0 |
| 8 | 0,1 | LM71SVA | 0,7791 | 8-1 | 0,1 |
| 8 | 0 | SW2SVA | 0,5404 | 8-1 | 0 |
| 8 | 0,1 | SW2SVA | 0,6135 | 8-1 | 0,1 |
| 8 | 0 | SISMAVA | 2,3026 | 8-1 | 0 |
| 8 | 0,1 | SISMAVA | 2,6326 | 8-1 | 0,1 |
| 8 | 0 | LM71SVB | -0,6863 | 8-1 | 0 |
| 8 | 0,1 | LM71SVB | -0,7791 | 8-1 | 0,1 |
| 8 | 0 | SW2SVB | -0,5404 | 8-1 | 0 |
| 8 | 0,1 | SW2SVB | -0,6135 | 8-1 | 0,1 |
| 8 | 0 | SISMAVB | -2,3026 | 8-1 | 0 |
| 8 | 0,1 | SISMAVB | -2,6326 | 8-1 | 0,1 |
| 9 | 0 | PP | -8,9558 | 9-1 | 0 |
| 9 | 0,1 | PP | -9,8711 | 9-1 | 0,1 |
| 9 | 0 | REINTSUP | -2,71 | 9-1 | 0 |
| 9 | 0,1 | REINTSUP | -2,9611 | 9-1 | 0,1 |
| 9 | 0 | BALLAST | -6,0223 | 9-1 | 0 |
| 9 | 0,1 | BALLAST | -6,5801 | 9-1 | 0,1 |
| 9 | 0 | STERRASX | 11,2169 | 9-1 | 0 |
| 9 | 0,1 | STERRASX | 9,1826 | 9-1 | 0,1 |
| 9 | 0 | STERRADX | -6,2988 | 9-1 | 0 |
| 9 | 0,1 | STERRADX | -4,266 | 9-1 | 0,1 |
| 9 | 0 | TERMP | -1,7713 | 9-1 | 0 |
| 9 | 0,1 | TERMP | -1,7707 | 9-1 | 0,1 |
| 9 | 0 | TERMN | 5,3139 | 9-1 | 0 |
| 9 | 0,1 | TERMN | 5,3122 | 9-1 | 0,1 |
| 9 | 0 | GRADTP | 1,8972 | 9-1 | 0 |
| 9 | 0,1 | GRADTP | 1,8965 | 9-1 | 0,1 |
| 9 | 0 | GRADTN | -1,8972 | 9-1 | 0 |
| 9 | 0,1 | GRADTN | -1,8965 | 9-1 | 0,1 |
| 9 | 0 | LM71C | -26,1857 | 9-1 | 0 |
| 9 | 0,1 | LM71C | -28,6113 | 9-1 | 0,1 |
| 9 | 0 | STLM71 | 14,8558 | 9-1 | 0 |
| 9 | 0,1 | STLM71 | 12,0587 | 9-1 | 0,1 |
| 9 | 0 | AVVLM71 | 9,8976 | 9-1 | 0 |
| 9 | 0,1 | AVVLM71 | 7,6274 | 9-1 | 0,1 |
| 9 | 0 | SW2 | -20,5322 | 9-1 | 0 |
| 9 | 0,1 | SW2 | -22,4342 | 9-1 | 0,1 |
| 9 | 0 | STSW2 | 11,6467 | 9-1 | 0 |
| 9 | 0,1 | STSW2 | 9,4538 | 9-1 | 0,1 |
| 9 | 0 | FRENSW2 | 10,5006 | 9-1 | 0 |
| 9 | 0,1 | FRENSW2 | 8,092 | 9-1 | 0,1 |
| 9 | 0 | SERP | 0 | 9-1 | 0 |
| 9 | 0,1 | SERP | 0 | 9-1 | 0,1 |
| 9 | 0 | INCRTER | 13,2513 | 9-1 | 0 |
| 9 | 0,1 | INCRTER | 10,7562 | 9-1 | 0,1 |
| 9 | 0 | LM71SISO | 3,7213 | 9-1 | 0 |
| 9 | 0,1 | LM71SISO | 2,8677 | 9-1 | 0,1 |
| 9 | 0 | SW2SISO | 2,9116 | 9-1 | 0 |
| 9 | 0,1 | SW2SISO | 2,2437 | 9-1 | 0,1 |
| 9 | 0 | SISMAO | 9,7373 | 9-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 9 | 0,1 | SISMAO | 7,4982 | 9-1 | 0,1 |
| 9 | 0 | LM71SVA | 0,7791 | 9-1 | 0 |
| 9 | 0,1 | LM71SVA | 0,8513 | 9-1 | 0,1 |
| 9 | 0 | SW2SVA | 0,6135 | 9-1 | 0 |
| 9 | 0,1 | SW2SVA | 0,6704 | 9-1 | 0,1 |
| 9 | 0 | SISMAVA | 2,6326 | 9-1 | 0 |
| 9 | 0,1 | SISMAVA | 2,8893 | 9-1 | 0,1 |
| 9 | 0 | LM71SVB | -0,7791 | 9-1 | 0 |
| 9 | 0,1 | LM71SVB | -0,8513 | 9-1 | 0,1 |
| 9 | 0 | SW2SVB | -0,6135 | 9-1 | 0 |
| 9 | 0,1 | SW2SVB | -0,6704 | 9-1 | 0,1 |
| 9 | 0 | SISMAVB | -2,6326 | 9-1 | 0 |
| 9 | 0,1 | SISMAVB | -2,8893 | 9-1 | 0,1 |
| 10 | 0 | PP | -9,8711 | 10-1 | 0 |
| 10 | 0,1 | PP | -10,5247 | 10-1 | 0,1 |
| 10 | 0 | REINTSUP | -2,9611 | 10-1 | 0 |
| 10 | 0,1 | REINTSUP | -3,1403 | 10-1 | 0,1 |
| 10 | 0 | BALLAST | -6,5801 | 10-1 | 0 |
| 10 | 0,1 | BALLAST | -6,9785 | 10-1 | 0,1 |
| 10 | 0 | STERRASX | 9,1826 | 10-1 | 0 |
| 10 | 0,1 | STERRASX | 7,0147 | 10-1 | 0,1 |
| 10 | 0 | STERRADX | -4,266 | 10-1 | 0 |
| 10 | 0,1 | STERRADX | -2,0994 | 10-1 | 0,1 |
| 10 | 0 | TERMP | -1,7707 | 10-1 | 0 |
| 10 | 0,1 | TERMP | -1,7703 | 10-1 | 0,1 |
| 10 | 0 | TERMN | 5,3122 | 10-1 | 0 |
| 10 | 0,1 | TERMN | 5,3109 | 10-1 | 0,1 |
| 10 | 0 | GRADTP | 1,8965 | 10-1 | 0 |
| 10 | 0,1 | GRADTP | 1,8961 | 10-1 | 0,1 |
| 10 | 0 | GRADTN | -1,8965 | 10-1 | 0 |
| 10 | 0,1 | GRADTN | -1,8961 | 10-1 | 0,1 |
| 10 | 0 | LM71C | -28,6113 | 10-1 | 0 |
| 10 | 0,1 | LM71C | -30,3435 | 10-1 | 0,1 |
| 10 | 0 | STLM71 | 12,0587 | 10-1 | 0 |
| 10 | 0,1 | STLM71 | 9,0736 | 10-1 | 0,1 |
| 10 | 0 | AVVLM71 | 7,6274 | 10-1 | 0 |
| 10 | 0,1 | AVVLM71 | 5,1821 | 10-1 | 0,1 |
| 10 | 0 | SW2 | -22,4342 | 10-1 | 0 |
| 10 | 0,1 | SW2 | -23,7924 | 10-1 | 0,1 |
| 10 | 0 | STSW2 | 9,4538 | 10-1 | 0 |
| 10 | 0,1 | STSW2 | 7,1135 | 10-1 | 0,1 |
| 10 | 0 | FRENSW2 | 8,092 | 10-1 | 0 |
| 10 | 0,1 | FRENSW2 | 5,4978 | 10-1 | 0,1 |
| 10 | 0 | SERP | 0 | 10-1 | 0 |
| 10 | 0,1 | SERP | 0 | 10-1 | 0,1 |
| 10 | 0 | INCRTER | 10,7562 | 10-1 | 0 |
| 10 | 0,1 | INCRTER | 8,0935 | 10-1 | 0,1 |
| 10 | 0 | LM71SISO | 2,8677 | 10-1 | 0 |
| 10 | 0,1 | LM71SISO | 1,9484 | 10-1 | 0,1 |
| 10 | 0 | SW2SISO | 2,2437 | 10-1 | 0 |
| 10 | 0,1 | SW2SISO | 1,5244 | 10-1 | 0,1 |
| 10 | 0 | SISMAO | 7,4982 | 10-1 | 0 |
| 10 | 0,1 | SISMAO | 5,0918 | 10-1 | 0,1 |
| 10 | 0 | LM71SVA | 0,8513 | 10-1 | 0 |
| 10 | 0,1 | LM71SVA | 0,9028 | 10-1 | 0,1 |
| 10 | 0 | SW2SVA | 0,6704 | 10-1 | 0 |
| 10 | 0,1 | SW2SVA | 0,7109 | 10-1 | 0,1 |
| 10 | 0 | SISMAVA | 2,8893 | 10-1 | 0 |
| 10 | 0,1 | SISMAVA | 3,0726 | 10-1 | 0,1 |
| 10 | 0 | LM71SVB | -0,8513 | 10-1 | 0 |
| 10 | 0,1 | LM71SVB | -0,9028 | 10-1 | 0,1 |
| 10 | 0 | SW2SVB | -0,6704 | 10-1 | 0 |
| 10 | 0,1 | SW2SVB | -0,7109 | 10-1 | 0,1 |
| 10 | 0 | SISMAVB | -2,8893 | 10-1 | 0 |
| 10 | 0,1 | SISMAVB | -3,0726 | 10-1 | 0,1 |
| 11 | 0 | PP | -10,5247 | 11-1 | 0 |
| 11 | 0,1 | PP | -10,9168 | 11-1 | 0,1 |
| 11 | 0 | REINTSUP | -3,1403 | 11-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 11 | 0,1 | REINTSUP | -3,2479 | 11-1 | 0,1 |
| 11 | 0 | BALLAST | -6,9785 | 11-1 | 0 |
| 11 | 0,1 | BALLAST | -7,2175 | 11-1 | 0,1 |
| 11 | 0 | STERRASX | 7,0147 | 11-1 | 0 |
| 11 | 0,1 | STERRASX | 4,7581 | 11-1 | 0,1 |
| 11 | 0 | STERRADX | -2,0994 | 11-1 | 0 |
| 11 | 0,1 | STERRADX | 0,1565 | 11-1 | 0,1 |
| 11 | 0 | TERMP | -1,7703 | 11-1 | 0 |
| 11 | 0,1 | TERMP | -1,77 | 11-1 | 0,1 |
| 11 | 0 | TERMN | 5,3109 | 11-1 | 0 |
| 11 | 0,1 | TERMN | 5,3101 | 11-1 | 0,1 |
| 11 | 0 | GRADTP | 1,8961 | 11-1 | 0 |
| 11 | 0,1 | GRADTP | 1,8958 | 11-1 | 0,1 |
| 11 | 0 | GRADTN | -1,8961 | 11-1 | 0 |
| 11 | 0,1 | GRADTN | -1,8958 | 11-1 | 0,1 |
| 11 | 0 | LM71C | -30,3435 | 11-1 | 0 |
| 11 | 0,1 | LM71C | -31,3827 | 11-1 | 0,1 |
| 11 | 0 | STLM71 | 9,0736 | 11-1 | 0 |
| 11 | 0,1 | STLM71 | 5,9633 | 11-1 | 0,1 |
| 11 | 0 | AVVLM71 | 5,1821 | 11-1 | 0 |
| 11 | 0,1 | AVVLM71 | 2,6202 | 11-1 | 0,1 |
| 11 | 0 | SW2 | -23,7924 | 11-1 | 0 |
| 11 | 0,1 | SW2 | -24,6072 | 11-1 | 0,1 |
| 11 | 0 | STSW2 | 7,1135 | 11-1 | 0 |
| 11 | 0,1 | STSW2 | 4,6751 | 11-1 | 0,1 |
| 11 | 0 | FRENSW2 | 5,4978 | 11-1 | 0 |
| 11 | 0,1 | FRENSW2 | 2,7798 | 11-1 | 0,1 |
| 11 | 0 | SERP | 0 | 11-1 | 0 |
| 11 | 0,1 | SERP | 0 | 11-1 | 0,1 |
| 11 | 0 | INCRTER | 8,0935 | 11-1 | 0 |
| 11 | 0,1 | INCRTER | 5,3192 | 11-1 | 0,1 |
| 11 | 0 | LM71SISO | 1,9484 | 11-1 | 0 |
| 11 | 0,1 | LM71SISO | 0,9851 | 11-1 | 0,1 |
| 11 | 0 | SW2SISO | 1,5244 | 11-1 | 0 |
| 11 | 0,1 | SW2SISO | 0,7708 | 11-1 | 0,1 |
| 11 | 0 | SISMAO | 5,0918 | 11-1 | 0 |
| 11 | 0,1 | SISMAO | 2,5738 | 11-1 | 0,1 |
| 11 | 0 | LM71SVA | 0,9028 | 11-1 | 0 |
| 11 | 0,1 | LM71SVA | 0,9338 | 11-1 | 0,1 |
| 11 | 0 | SW2SVA | 0,7109 | 11-1 | 0 |
| 11 | 0,1 | SW2SVA | 0,7353 | 11-1 | 0,1 |
| 11 | 0 | SISMAVA | 3,0726 | 11-1 | 0 |
| 11 | 0,1 | SISMAVA | 3,1825 | 11-1 | 0,1 |
| 11 | 0 | LM71SVB | -0,9028 | 11-1 | 0 |
| 11 | 0,1 | LM71SVB | -0,9338 | 11-1 | 0,1 |
| 11 | 0 | SW2SVB | -0,7109 | 11-1 | 0 |
| 11 | 0,1 | SW2SVB | -0,7353 | 11-1 | 0,1 |
| 11 | 0 | SISMAVB | -3,0726 | 11-1 | 0 |
| 11 | 0,1 | SISMAVB | -3,1825 | 11-1 | 0,1 |
| 12 | 0 | PP | -10,9168 | 12-1 | 0 |
| 12 | 0,1 | PP | -11,0475 | 12-1 | 0,1 |
| 12 | 0 | REINTSUP | -3,2479 | 12-1 | 0 |
| 12 | 0,1 | REINTSUP | -3,2837 | 12-1 | 0,1 |
| 12 | 0 | BALLAST | -7,2175 | 12-1 | 0 |
| 12 | 0,1 | BALLAST | -7,2972 | 12-1 | 0,1 |
| 12 | 0 | STERRASX | 4,7581 | 12-1 | 0 |
| 12 | 0,1 | STERRASX | 2,4571 | 12-1 | 0,1 |
| 12 | 0 | STERRADX | 0,1565 | 12-1 | 0 |
| 12 | 0,1 | STERRADX | 2,4571 | 12-1 | 0,1 |
| 12 | 0 | TERMP | -1,77 | 12-1 | 0 |
| 12 | 0,1 | TERMP | -1,7699 | 12-1 | 0,1 |
| 12 | 0 | TERMN | 5,3101 | 12-1 | 0 |
| 12 | 0,1 | TERMN | 5,3098 | 12-1 | 0,1 |
| 12 | 0 | GRADTP | 1,8958 | 12-1 | 0 |
| 12 | 0,1 | GRADTP | 1,8957 | 12-1 | 0,1 |
| 12 | 0 | GRADTN | -1,8958 | 12-1 | 0 |
| 12 | 0,1 | GRADTN | -1,8957 | 12-1 | 0,1 |
| 12 | 0 | LM71C | -31,3827 | 12-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 12 | 0,1 | LM71C | -31,729 | 12-1 | 0,1 |
| 12 | 0 | STLM71 | 5,9633 | 12-1 | 0 |
| 12 | 0,1 | STLM71 | 2,7906 | 12-1 | 0,1 |
| 12 | 0 | AVVLM71 | 2,6202 | 12-1 | 0 |
| 12 | 0,1 | AVVLM71 | 1,179E-10 | 12-1 | 0,1 |
| 12 | 0 | SW2 | -24,6072 | 12-1 | 0 |
| 12 | 0,1 | SW2 | -24,8788 | 12-1 | 0,1 |
| 12 | 0 | STSW2 | 4,6751 | 12-1 | 0 |
| 12 | 0,1 | STSW2 | 2,1878 | 12-1 | 0,1 |
| 12 | 0 | FRENSW2 | 2,7798 | 12-1 | 0 |
| 12 | 0,1 | FRENSW2 | 1,259E-10 | 12-1 | 0,1 |
| 12 | 0 | SERP | 0 | 12-1 | 0 |
| 12 | 0,1 | SERP | 0 | 12-1 | 0,1 |
| 12 | 0 | INCRTER | 5,3192 | 12-1 | 0 |
| 12 | 0,1 | INCRTER | 2,4892 | 12-1 | 0,1 |
| 12 | 0 | LM71SISO | 0,9851 | 12-1 | 0 |
| 12 | 0,1 | LM71SISO | 4,438E-11 | 12-1 | 0,1 |
| 12 | 0 | SW2SISO | 0,7708 | 12-1 | 0 |
| 12 | 0,1 | SW2SISO | 3,565E-11 | 12-1 | 0,1 |
| 12 | 0 | SISMAO | 2,5738 | 12-1 | 0 |
| 12 | 0,1 | SISMAO | 1,157E-10 | 12-1 | 0,1 |
| 12 | 0 | LM71SVA | 0,9338 | 12-1 | 0 |
| 12 | 0,1 | LM71SVA | 0,9441 | 12-1 | 0,1 |
| 12 | 0 | SW2SVA | 0,7353 | 12-1 | 0 |
| 12 | 0,1 | SW2SVA | 0,7434 | 12-1 | 0,1 |
| 12 | 0 | SISMAVA | 3,1825 | 12-1 | 0 |
| 12 | 0,1 | SISMAVA | 3,2192 | 12-1 | 0,1 |
| 12 | 0 | LM71SVB | -0,9338 | 12-1 | 0 |
| 12 | 0,1 | LM71SVB | -0,9441 | 12-1 | 0,1 |
| 12 | 0 | SW2SVB | -0,7353 | 12-1 | 0 |
| 12 | 0,1 | SW2SVB | -0,7434 | 12-1 | 0,1 |
| 12 | 0 | SISMAVB | -3,1825 | 12-1 | 0 |
| 12 | 0,1 | SISMAVB | -3,2192 | 12-1 | 0,1 |
| 13 | 0 | PP | -11,0475 | 13-1 | 0 |
| 13 | 0,1 | PP | -10,9168 | 13-1 | 0,1 |
| 13 | 0 | REINTSUP | -3,2837 | 13-1 | 0 |
| 13 | 0,1 | REINTSUP | -3,2479 | 13-1 | 0,1 |
| 13 | 0 | BALLAST | -7,2972 | 13-1 | 0 |
| 13 | 0,1 | BALLAST | -7,2175 | 13-1 | 0,1 |
| 13 | 0 | STERRASX | 2,4571 | 13-1 | 0 |
| 13 | 0,1 | STERRASX | 0,1565 | 13-1 | 0,1 |
| 13 | 0 | STERRADX | 2,4571 | 13-1 | 0 |
| 13 | 0,1 | STERRADX | 4,7581 | 13-1 | 0,1 |
| 13 | 0 | TERMP | -1,7699 | 13-1 | 0 |
| 13 | 0,1 | TERMP | -1,77 | 13-1 | 0,1 |
| 13 | 0 | TERMN | 5,3098 | 13-1 | 0 |
| 13 | 0,1 | TERMN | 5,3101 | 13-1 | 0,1 |
| 13 | 0 | GRADTP | 1,8957 | 13-1 | 0 |
| 13 | 0,1 | GRADTP | 1,8958 | 13-1 | 0,1 |
| 13 | 0 | GRADTN | -1,8957 | 13-1 | 0 |
| 13 | 0,1 | GRADTN | -1,8958 | 13-1 | 0,1 |
| 13 | 0 | LM71C | -31,729 | 13-1 | 0 |
| 13 | 0,1 | LM71C | -31,3827 | 13-1 | 0,1 |
| 13 | 0 | STLM71 | 2,7906 | 13-1 | 0 |
| 13 | 0,1 | STLM71 | -0,3818 | 13-1 | 0,1 |
| 13 | 0 | AVVLM71 | 1,146E-10 | 13-1 | 0 |
| 13 | 0,1 | AVVLM71 | -2,6202 | 13-1 | 0,1 |
| 13 | 0 | SW2 | -24,8788 | 13-1 | 0 |
| 13 | 0,1 | SW2 | -24,6072 | 13-1 | 0,1 |
| 13 | 0 | STSW2 | 2,1878 | 13-1 | 0 |
| 13 | 0,1 | STSW2 | -0,2994 | 13-1 | 0,1 |
| 13 | 0 | FRENSW2 | 1,201E-10 | 13-1 | 0 |
| 13 | 0,1 | FRENSW2 | -2,7798 | 13-1 | 0,1 |
| 13 | 0 | SERP | 0 | 13-1 | 0 |
| 13 | 0,1 | SERP | 0 | 13-1 | 0,1 |
| 13 | 0 | INCRTER | 2,4892 | 13-1 | 0 |
| 13 | 0,1 | INCRTER | -0,3406 | 13-1 | 0,1 |
| 13 | 0 | LM71SISO | 4,366E-11 | 13-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 13 | 0,1 | LM71SISO | -0,9851 | 13-1 | 0,1 |
| 13 | 0 | SW2SISO | 3,365E-11 | 13-1 | 0 |
| 13 | 0,1 | SW2SISO | -0,7708 | 13-1 | 0,1 |
| 13 | 0 | SISMAO | 1,11E-10 | 13-1 | 0 |
| 13 | 0,1 | SISMAO | -2,5738 | 13-1 | 0,1 |
| 13 | 0 | LM71SVA | 0,9441 | 13-1 | 0 |
| 13 | 0,1 | LM71SVA | 0,9338 | 13-1 | 0,1 |
| 13 | 0 | SW2SVA | 0,7434 | 13-1 | 0 |
| 13 | 0,1 | SW2SVA | 0,7353 | 13-1 | 0,1 |
| 13 | 0 | SISMAVA | 3,2192 | 13-1 | 0 |
| 13 | 0,1 | SISMAVA | 3,1825 | 13-1 | 0,1 |
| 13 | 0 | LM71SVB | -0,9441 | 13-1 | 0 |
| 13 | 0,1 | LM71SVB | -0,9338 | 13-1 | 0,1 |
| 13 | 0 | SW2SVB | -0,7434 | 13-1 | 0 |
| 13 | 0,1 | SW2SVB | -0,7353 | 13-1 | 0,1 |
| 13 | 0 | SISMAVB | -3,2192 | 13-1 | 0 |
| 13 | 0,1 | SISMAVB | -3,1825 | 13-1 | 0,1 |
| 14 | 0 | PP | -10,9168 | 14-1 | 0 |
| 14 | 0,1 | PP | -10,5247 | 14-1 | 0,1 |
| 14 | 0 | REINTSUP | -3,2479 | 14-1 | 0 |
| 14 | 0,1 | REINTSUP | -3,1403 | 14-1 | 0,1 |
| 14 | 0 | BALLAST | -7,2175 | 14-1 | 0 |
| 14 | 0,1 | BALLAST | -6,9785 | 14-1 | 0,1 |
| 14 | 0 | STERRASX | 0,1565 | 14-1 | 0 |
| 14 | 0,1 | STERRASX | -2,0994 | 14-1 | 0,1 |
| 14 | 0 | STERRADX | 4,7581 | 14-1 | 0 |
| 14 | 0,1 | STERRADX | 7,0147 | 14-1 | 0,1 |
| 14 | 0 | TERMP | -1,77 | 14-1 | 0 |
| 14 | 0,1 | TERMP | -1,7703 | 14-1 | 0,1 |
| 14 | 0 | TERMN | 5,3101 | 14-1 | 0 |
| 14 | 0,1 | TERMN | 5,3109 | 14-1 | 0,1 |
| 14 | 0 | GRADTP | 1,8958 | 14-1 | 0 |
| 14 | 0,1 | GRADTP | 1,8961 | 14-1 | 0,1 |
| 14 | 0 | GRADTN | -1,8958 | 14-1 | 0 |
| 14 | 0,1 | GRADTN | -1,8961 | 14-1 | 0,1 |
| 14 | 0 | LM71C | -31,3827 | 14-1 | 0 |
| 14 | 0,1 | LM71C | -30,3435 | 14-1 | 0,1 |
| 14 | 0 | STLM71 | -0,3818 | 14-1 | 0 |
| 14 | 0,1 | STLM71 | -3,4913 | 14-1 | 0,1 |
| 14 | 0 | AVVLM71 | -2,6202 | 14-1 | 0 |
| 14 | 0,1 | AVVLM71 | -5,1821 | 14-1 | 0,1 |
| 14 | 0 | SW2 | -24,6072 | 14-1 | 0 |
| 14 | 0,1 | SW2 | -23,7924 | 14-1 | 0,1 |
| 14 | 0 | STSW2 | -0,2994 | 14-1 | 0 |
| 14 | 0,1 | STSW2 | -2,7371 | 14-1 | 0,1 |
| 14 | 0 | FRENSW2 | -2,7798 | 14-1 | 0 |
| 14 | 0,1 | FRENSW2 | -5,4978 | 14-1 | 0,1 |
| 14 | 0 | SERP | 0 | 14-1 | 0 |
| 14 | 0,1 | SERP | 0 | 14-1 | 0,1 |
| 14 | 0 | INCRTER | -0,3406 | 14-1 | 0 |
| 14 | 0,1 | INCRTER | -3,1142 | 14-1 | 0,1 |
| 14 | 0 | LM71SISO | -0,9851 | 14-1 | 0 |
| 14 | 0,1 | LM71SISO | -1,9484 | 14-1 | 0,1 |
| 14 | 0 | SW2SISO | -0,7708 | 14-1 | 0 |
| 14 | 0,1 | SW2SISO | -1,5244 | 14-1 | 0,1 |
| 14 | 0 | SISMAO | -2,5738 | 14-1 | 0 |
| 14 | 0,1 | SISMAO | -5,0918 | 14-1 | 0,1 |
| 14 | 0 | LM71SVA | 0,9338 | 14-1 | 0 |
| 14 | 0,1 | LM71SVA | 0,9028 | 14-1 | 0,1 |
| 14 | 0 | SW2SVA | 0,7353 | 14-1 | 0 |
| 14 | 0,1 | SW2SVA | 0,7109 | 14-1 | 0,1 |
| 14 | 0 | SISMAVA | 3,1825 | 14-1 | 0 |
| 14 | 0,1 | SISMAVA | 3,0726 | 14-1 | 0,1 |
| 14 | 0 | LM71SVB | -0,9338 | 14-1 | 0 |
| 14 | 0,1 | LM71SVB | -0,9028 | 14-1 | 0,1 |
| 14 | 0 | SW2SVB | -0,7353 | 14-1 | 0 |
| 14 | 0,1 | SW2SVB | -0,7109 | 14-1 | 0,1 |
| 14 | 0 | SISMAVB | -3,1825 | 14-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 14 | 0,1 | SISMAVB | -3,0726 | 14-1 | 0,1 |
| 15 | 0 | PP | -10,5247 | 15-1 | 0 |
| 15 | 0,1 | PP | -9,8711 | 15-1 | 0,1 |
| 15 | 0 | REINTSUP | -3,1403 | 15-1 | 0 |
| 15 | 0,1 | REINTSUP | -2,9611 | 15-1 | 0,1 |
| 15 | 0 | BALLAST | -6,9785 | 15-1 | 0 |
| 15 | 0,1 | BALLAST | -6,5801 | 15-1 | 0,1 |
| 15 | 0 | STERRASX | -2,0994 | 15-1 | 0 |
| 15 | 0,1 | STERRASX | -4,266 | 15-1 | 0,1 |
| 15 | 0 | STERRADX | 7,0147 | 15-1 | 0 |
| 15 | 0,1 | STERRADX | 9,1826 | 15-1 | 0,1 |
| 15 | 0 | TERMP | -1,7703 | 15-1 | 0 |
| 15 | 0,1 | TERMP | -1,7707 | 15-1 | 0,1 |
| 15 | 0 | TERMN | 5,3109 | 15-1 | 0 |
| 15 | 0,1 | TERMN | 5,3122 | 15-1 | 0,1 |
| 15 | 0 | GRADTP | 1,8961 | 15-1 | 0 |
| 15 | 0,1 | GRADTP | 1,8965 | 15-1 | 0,1 |
| 15 | 0 | GRADTN | -1,8961 | 15-1 | 0 |
| 15 | 0,1 | GRADTN | -1,8965 | 15-1 | 0,1 |
| 15 | 0 | LM71C | -30,3435 | 15-1 | 0 |
| 15 | 0,1 | LM71C | -28,6113 | 15-1 | 0,1 |
| 15 | 0 | STLM71 | -3,4913 | 15-1 | 0 |
| 15 | 0,1 | STLM71 | -6,475 | 15-1 | 0,1 |
| 15 | 0 | AVVLM71 | -5,1821 | 15-1 | 0 |
| 15 | 0,1 | AVVLM71 | -7,6274 | 15-1 | 0,1 |
| 15 | 0 | SW2 | -23,7924 | 15-1 | 0 |
| 15 | 0,1 | SW2 | -22,4342 | 15-1 | 0,1 |
| 15 | 0 | STSW2 | -2,7371 | 15-1 | 0 |
| 15 | 0,1 | STSW2 | -5,0763 | 15-1 | 0,1 |
| 15 | 0 | FRENSW2 | -5,4978 | 15-1 | 0 |
| 15 | 0,1 | FRENSW2 | -8,092 | 15-1 | 0,1 |
| 15 | 0 | SERP | 0 | 15-1 | 0 |
| 15 | 0,1 | SERP | 0 | 15-1 | 0,1 |
| 15 | 0 | INCRTER | -3,1142 | 15-1 | 0 |
| 15 | 0,1 | INCRTER | -5,7757 | 15-1 | 0,1 |
| 15 | 0 | LM71SISO | -1,9484 | 15-1 | 0 |
| 15 | 0,1 | LM71SISO | -2,8677 | 15-1 | 0,1 |
| 15 | 0 | SW2SISO | -1,5244 | 15-1 | 0 |
| 15 | 0,1 | SW2SISO | -2,2437 | 15-1 | 0,1 |
| 15 | 0 | SISMAO | -5,0918 | 15-1 | 0 |
| 15 | 0,1 | SISMAO | -7,4982 | 15-1 | 0,1 |
| 15 | 0 | LM71SVA | 0,9028 | 15-1 | 0 |
| 15 | 0,1 | LM71SVA | 0,8513 | 15-1 | 0,1 |
| 15 | 0 | SW2SVA | 0,7109 | 15-1 | 0 |
| 15 | 0,1 | SW2SVA | 0,6704 | 15-1 | 0,1 |
| 15 | 0 | SISMAVA | 3,0726 | 15-1 | 0 |
| 15 | 0,1 | SISMAVA | 2,8893 | 15-1 | 0,1 |
| 15 | 0 | LM71SVB | -0,9028 | 15-1 | 0 |
| 15 | 0,1 | LM71SVB | -0,8513 | 15-1 | 0,1 |
| 15 | 0 | SW2SVB | -0,7109 | 15-1 | 0 |
| 15 | 0,1 | SW2SVB | -0,6704 | 15-1 | 0,1 |
| 15 | 0 | SISMAVB | -3,0726 | 15-1 | 0 |
| 15 | 0,1 | SISMAVB | -2,8893 | 15-1 | 0,1 |
| 16 | 0 | PP | -9,8711 | 16-1 | 0 |
| 16 | 0,1 | PP | -8,9558 | 16-1 | 0,1 |
| 16 | 0 | REINTSUP | -2,9611 | 16-1 | 0 |
| 16 | 0,1 | REINTSUP | -2,71 | 16-1 | 0,1 |
| 16 | 0 | BALLAST | -6,5801 | 16-1 | 0 |
| 16 | 0,1 | BALLAST | -6,0223 | 16-1 | 0,1 |
| 16 | 0 | STERRASX | -4,266 | 16-1 | 0 |
| 16 | 0,1 | STERRASX | -6,2988 | 16-1 | 0,1 |
| 16 | 0 | STERRADX | 9,1826 | 16-1 | 0 |
| 16 | 0,1 | STERRADX | 11,2169 | 16-1 | 0,1 |
| 16 | 0 | TERMP | -1,7707 | 16-1 | 0 |
| 16 | 0,1 | TERMP | -1,7713 | 16-1 | 0,1 |
| 16 | 0 | TERMN | 5,3122 | 16-1 | 0 |
| 16 | 0,1 | TERMN | 5,3139 | 16-1 | 0,1 |
| 16 | 0 | GRADTP | 1,8965 | 16-1 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 16 | 0,1 | GRADTP | 1,8972 | 16-1 | 0,1 |
| 16 | 0 | GRADTN | -1,8965 | 16-1 | 0 |
| 16 | 0,1 | GRADTN | -1,8972 | 16-1 | 0,1 |
| 16 | 0 | LM71C | -28,6113 | 16-1 | 0 |
| 16 | 0,1 | LM71C | -26,1857 | 16-1 | 0,1 |
| 16 | 0 | STLM71 | -6,475 | 16-1 | 0 |
| 16 | 0,1 | STLM71 | -9,2703 | 16-1 | 0,1 |
| 16 | 0 | AVVLM71 | -7,6274 | 16-1 | 0 |
| 16 | 0,1 | AVVLM71 | -9,8976 | 16-1 | 0,1 |
| 16 | 0 | SW2 | -22,4342 | 16-1 | 0 |
| 16 | 0,1 | SW2 | -20,5322 | 16-1 | 0,1 |
| 16 | 0 | STSW2 | -5,0763 | 16-1 | 0 |
| 16 | 0,1 | STSW2 | -7,2678 | 16-1 | 0,1 |
| 16 | 0 | FRENSW2 | -8,092 | 16-1 | 0 |
| 16 | 0,1 | FRENSW2 | -10,5006 | 16-1 | 0,1 |
| 16 | 0 | SERP | 0 | 16-1 | 0 |
| 16 | 0,1 | SERP | 0 | 16-1 | 0,1 |
| 16 | 0 | INCRTER | -5,7757 | 16-1 | 0 |
| 16 | 0,1 | INCRTER | -8,2691 | 16-1 | 0,1 |
| 16 | 0 | LM71SISO | -2,8677 | 16-1 | 0 |
| 16 | 0,1 | LM71SISO | -3,7213 | 16-1 | 0,1 |
| 16 | 0 | SW2SISO | -2,2437 | 16-1 | 0 |
| 16 | 0,1 | SW2SISO | -2,9116 | 16-1 | 0,1 |
| 16 | 0 | SISMAO | -7,4982 | 16-1 | 0 |
| 16 | 0,1 | SISMAO | -9,7373 | 16-1 | 0,1 |
| 16 | 0 | LM71SVA | 0,8513 | 16-1 | 0 |
| 16 | 0,1 | LM71SVA | 0,7791 | 16-1 | 0,1 |
| 16 | 0 | SW2SVA | 0,6704 | 16-1 | 0 |
| 16 | 0,1 | SW2SVA | 0,6135 | 16-1 | 0,1 |
| 16 | 0 | SISMAVA | 2,8893 | 16-1 | 0 |
| 16 | 0,1 | SISMAVA | 2,6326 | 16-1 | 0,1 |
| 16 | 0 | LM71SVB | -0,8513 | 16-1 | 0 |
| 16 | 0,1 | LM71SVB | -0,7791 | 16-1 | 0,1 |
| 16 | 0 | SW2SVB | -0,6704 | 16-1 | 0 |
| 16 | 0,1 | SW2SVB | -0,6135 | 16-1 | 0,1 |
| 16 | 0 | SISMAVB | -2,8893 | 16-1 | 0 |
| 16 | 0,1 | SISMAVB | -2,6326 | 16-1 | 0,1 |
| 17 | 0 | PP | -8,9558 | 17-1 | 0 |
| 17 | 0,1 | PP | -7,7787 | 17-1 | 0,1 |
| 17 | 0 | REINTSUP | -2,71 | 17-1 | 0 |
| 17 | 0,1 | REINTSUP | -2,3872 | 17-1 | 0,1 |
| 17 | 0 | BALLAST | -6,0223 | 17-1 | 0 |
| 17 | 0,1 | BALLAST | -5,3049 | 17-1 | 0,1 |
| 17 | 0 | STERRASX | -6,2988 | 17-1 | 0 |
| 17 | 0,1 | STERRASX | -8,1532 | 17-1 | 0,1 |
| 17 | 0 | STERRADX | 11,2169 | 17-1 | 0 |
| 17 | 0,1 | STERRADX | 13,0733 | 17-1 | 0,1 |
| 17 | 0 | TERMP | -1,7713 | 17-1 | 0 |
| 17 | 0,1 | TERMP | -1,772 | 17-1 | 0,1 |
| 17 | 0 | TERMN | 5,3139 | 17-1 | 0 |
| 17 | 0,1 | TERMN | 5,316 | 17-1 | 0,1 |
| 17 | 0 | GRADTP | 1,8972 | 17-1 | 0 |
| 17 | 0,1 | GRADTP | 1,8979 | 17-1 | 0,1 |
| 17 | 0 | GRADTN | -1,8972 | 17-1 | 0 |
| 17 | 0,1 | GRADTN | -1,8979 | 17-1 | 0,1 |
| 17 | 0 | LM71C | -26,1857 | 17-1 | 0 |
| 17 | 0,1 | LM71C | -23,0662 | 17-1 | 0,1 |
| 17 | 0 | STLM71 | -9,2703 | 17-1 | 0 |
| 17 | 0,1 | STLM71 | -11,8145 | 17-1 | 0,1 |
| 17 | 0 | AVVLM71 | -9,8976 | 17-1 | 0 |
| 17 | 0,1 | AVVLM71 | -11,9345 | 17-1 | 0,1 |
| 17 | 0 | SW2 | -20,5322 | 17-1 | 0 |
| 17 | 0,1 | SW2 | -18,0862 | 17-1 | 0,1 |
| 17 | 0 | STSW2 | -7,2678 | 17-1 | 0 |
| 17 | 0,1 | STSW2 | -9,2623 | 17-1 | 0,1 |
| 17 | 0 | FRENSW2 | -10,5006 | 17-1 | 0 |
| 17 | 0,1 | FRENSW2 | -12,6616 | 17-1 | 0,1 |
| 17 | 0 | SERP | 0 | 17-1 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 17 | 0,1 | SERP | 0 | 17-1 | 0,1 |
| 17 | 0 | INCRTER | -8,2691 | 17-1 | 0 |
| 17 | 0,1 | INCRTER | -10,5384 | 17-1 | 0,1 |
| 17 | 0 | LM71SISO | -3,7213 | 17-1 | 0 |
| 17 | 0,1 | LM71SISO | -4,4871 | 17-1 | 0,1 |
| 17 | 0 | SW2SISO | -2,9116 | 17-1 | 0 |
| 17 | 0,1 | SW2SISO | -3,5108 | 17-1 | 0,1 |
| 17 | 0 | SISMAO | -9,7373 | 17-1 | 0 |
| 17 | 0,1 | SISMAO | -11,7531 | 17-1 | 0,1 |
| 17 | 0 | LM71SVA | 0,7791 | 17-1 | 0 |
| 17 | 0,1 | LM71SVA | 0,6863 | 17-1 | 0,1 |
| 17 | 0 | SW2SVA | 0,6135 | 17-1 | 0 |
| 17 | 0,1 | SW2SVA | 0,5404 | 17-1 | 0,1 |
| 17 | 0 | SISMAVA | 2,6326 | 17-1 | 0 |
| 17 | 0,1 | SISMAVA | 2,3026 | 17-1 | 0,1 |
| 17 | 0 | LM71SVB | -0,7791 | 17-1 | 0 |
| 17 | 0,1 | LM71SVB | -0,6863 | 17-1 | 0,1 |
| 17 | 0 | SW2SVB | -0,6135 | 17-1 | 0 |
| 17 | 0,1 | SW2SVB | -0,5404 | 17-1 | 0,1 |
| 17 | 0 | SISMAVB | -2,6326 | 17-1 | 0 |
| 17 | 0,1 | SISMAVB | -2,3026 | 17-1 | 0,1 |
| 18 | 0 | PP | -7,7787 | 18-1 | 0 |
| 18 | 0,1 | PP | -6,3397 | 18-1 | 0,1 |
| 18 | 0 | REINTSUP | -2,3872 | 18-1 | 0 |
| 18 | 0,1 | REINTSUP | -1,9925 | 18-1 | 0,1 |
| 18 | 0 | BALLAST | -5,3049 | 18-1 | 0 |
| 18 | 0,1 | BALLAST | -4,4277 | 18-1 | 0,1 |
| 18 | 0 | STERRASX | -8,1532 | 18-1 | 0 |
| 18 | 0,1 | STERRASX | -9,7846 | 18-1 | 0,1 |
| 18 | 0 | STERRADX | 13,0733 | 18-1 | 0 |
| 18 | 0,1 | STERRADX | 14,7068 | 18-1 | 0,1 |
| 18 | 0 | TERMP | -1,772 | 18-1 | 0 |
| 18 | 0,1 | TERMP | -1,7728 | 18-1 | 0,1 |
| 18 | 0 | TERMN | 5,316 | 18-1 | 0 |
| 18 | 0,1 | TERMN | 5,3184 | 18-1 | 0,1 |
| 18 | 0 | GRADTP | 1,8979 | 18-1 | 0 |
| 18 | 0,1 | GRADTP | 1,8988 | 18-1 | 0,1 |
| 18 | 0 | GRADTN | -1,8979 | 18-1 | 0 |
| 18 | 0,1 | GRADTN | -1,8988 | 18-1 | 0,1 |
| 18 | 0 | LM71C | -23,0662 | 18-1 | 0 |
| 18 | 0,1 | LM71C | -19,2521 | 18-1 | 0,1 |
| 18 | 0 | STLM71 | -11,8145 | 18-1 | 0 |
| 18 | 0,1 | STLM71 | -14,0447 | 18-1 | 0,1 |
| 18 | 0 | AVVLM71 | -11,9345 | 18-1 | 0 |
| 18 | 0,1 | AVVLM71 | -13,6795 | 18-1 | 0,1 |
| 18 | 0 | SW2 | -18,0862 | 18-1 | 0 |
| 18 | 0,1 | SW2 | -15,0956 | 18-1 | 0,1 |
| 18 | 0 | STSW2 | -9,2623 | 18-1 | 0 |
| 18 | 0,1 | STSW2 | -11,0108 | 18-1 | 0,1 |
| 18 | 0 | FRENSW2 | -12,6616 | 18-1 | 0 |
| 18 | 0,1 | FRENSW2 | -14,5129 | 18-1 | 0,1 |
| 18 | 0 | SERP | 0 | 18-1 | 0 |
| 18 | 0,1 | SERP | 0 | 18-1 | 0,1 |
| 18 | 0 | INCRTER | -10,5384 | 18-1 | 0 |
| 18 | 0,1 | INCRTER | -12,5277 | 18-1 | 0,1 |
| 18 | 0 | LM71SISO | -4,4871 | 18-1 | 0 |
| 18 | 0,1 | LM71SISO | -5,1432 | 18-1 | 0,1 |
| 18 | 0 | SW2SISO | -3,5108 | 18-1 | 0 |
| 18 | 0,1 | SW2SISO | -4,0241 | 18-1 | 0,1 |
| 18 | 0 | SISMAO | -11,7531 | 18-1 | 0 |
| 18 | 0,1 | SISMAO | -13,4899 | 18-1 | 0,1 |
| 18 | 0 | LM71SVA | 0,6863 | 18-1 | 0 |
| 18 | 0,1 | LM71SVA | 0,5728 | 18-1 | 0,1 |
| 18 | 0 | SW2SVA | 0,5404 | 18-1 | 0 |
| 18 | 0,1 | SW2SVA | 0,4511 | 18-1 | 0,1 |
| 18 | 0 | SISMAVA | 2,3026 | 18-1 | 0 |
| 18 | 0,1 | SISMAVA | 1,899 | 18-1 | 0,1 |
| 18 | 0 | LM71SVB | -0,6863 | 18-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 18 | 0,1 | LM71SVB | -0,5728 | 18-1 | 0,1 |
| 18 | 0 | SW2SVB | -0,5404 | 18-1 | 0 |
| 18 | 0,1 | SW2SVB | -0,4511 | 18-1 | 0,1 |
| 18 | 0 | SISMAVB | -2,3026 | 18-1 | 0 |
| 18 | 0,1 | SISMAVB | -1,899 | 18-1 | 0,1 |
| 19 | 0 | PP | -6,3397 | 19-1 | 0 |
| 19 | 0,1 | PP | -4,6383 | 19-1 | 0,1 |
| 19 | 0 | REINTSUP | -1,9925 | 19-1 | 0 |
| 19 | 0,1 | REINTSUP | -1,5258 | 19-1 | 0,1 |
| 19 | 0 | BALLAST | -4,4277 | 19-1 | 0 |
| 19 | 0,1 | BALLAST | -3,3906 | 19-1 | 0,1 |
| 19 | 0 | STERRASX | -9,7846 | 19-1 | 0 |
| 19 | 0,1 | STERRASX | -11,1484 | 19-1 | 0,1 |
| 19 | 0 | STERRADX | 14,7068 | 19-1 | 0 |
| 19 | 0,1 | STERRADX | 16,0729 | 19-1 | 0,1 |
| 19 | 0 | TERMP | -1,7728 | 19-1 | 0 |
| 19 | 0,1 | TERMP | -1,7736 | 19-1 | 0,1 |
| 19 | 0 | TERMN | 5,3184 | 19-1 | 0 |
| 19 | 0,1 | TERMN | 5,3209 | 19-1 | 0,1 |
| 19 | 0 | GRADTP | 1,8988 | 19-1 | 0 |
| 19 | 0,1 | GRADTP | 1,8996 | 19-1 | 0,1 |
| 19 | 0 | GRADTN | -1,8988 | 19-1 | 0 |
| 19 | 0,1 | GRADTN | -1,8996 | 19-1 | 0,1 |
| 19 | 0 | LM71C | -19,2521 | 19-1 | 0 |
| 19 | 0,1 | LM71C | -14,7428 | 19-1 | 0,1 |
| 19 | 0 | STLM71 | -14,0447 | 19-1 | 0 |
| 19 | 0,1 | STLM71 | -15,8981 | 19-1 | 0,1 |
| 19 | 0 | AVVLM71 | -13,6795 | 19-1 | 0 |
| 19 | 0,1 | AVVLM71 | -15,0743 | 19-1 | 0,1 |
| 19 | 0 | SW2 | -15,0956 | 19-1 | 0 |
| 19 | 0,1 | SW2 | -11,5599 | 19-1 | 0,1 |
| 19 | 0 | STSW2 | -11,0108 | 19-1 | 0 |
| 19 | 0,1 | STSW2 | -12,4638 | 19-1 | 0,1 |
| 19 | 0 | FRENSW2 | -14,5129 | 19-1 | 0 |
| 19 | 0,1 | FRENSW2 | -15,9926 | 19-1 | 0,1 |
| 19 | 0 | SERP | 0 | 19-1 | 0 |
| 19 | 0,1 | SERP | 0 | 19-1 | 0,1 |
| 19 | 0 | INCRTER | -12,5277 | 19-1 | 0 |
| 19 | 0,1 | INCRTER | -14,1809 | 19-1 | 0,1 |
| 19 | 0 | LM71SISO | -5,1432 | 19-1 | 0 |
| 19 | 0,1 | LM71SISO | -5,6676 | 19-1 | 0,1 |
| 19 | 0 | SW2SISO | -4,0241 | 19-1 | 0 |
| 19 | 0,1 | SW2SISO | -4,4344 | 19-1 | 0,1 |
| 19 | 0 | SISMAO | -13,4899 | 19-1 | 0 |
| 19 | 0,1 | SISMAO | -14,8916 | 19-1 | 0,1 |
| 19 | 0 | LM71SVA | 0,5728 | 19-1 | 0 |
| 19 | 0,1 | LM71SVA | 0,4387 | 19-1 | 0,1 |
| 19 | 0 | SW2SVA | 0,4511 | 19-1 | 0 |
| 19 | 0,1 | SW2SVA | 0,3454 | 19-1 | 0,1 |
| 19 | 0 | SISMAVA | 1,899 | 19-1 | 0 |
| 19 | 0,1 | SISMAVA | 1,4219 | 19-1 | 0,1 |
| 19 | 0 | LM71SVB | -0,5728 | 19-1 | 0 |
| 19 | 0,1 | LM71SVB | -0,4387 | 19-1 | 0,1 |
| 19 | 0 | SW2SVB | -0,4511 | 19-1 | 0 |
| 19 | 0,1 | SW2SVB | -0,3454 | 19-1 | 0,1 |
| 19 | 0 | SISMAVB | -1,899 | 19-1 | 0 |
| 19 | 0,1 | SISMAVB | -1,4219 | 19-1 | 0,1 |
| 20 | 0 | PP | -4,6383 | 20-1 | 0 |
| 20 | 0,1 | PP | -2,6744 | 20-1 | 0,1 |
| 20 | 0 | REINTSUP | -1,5258 | 20-1 | 0 |
| 20 | 0,1 | REINTSUP | -0,9871 | 20-1 | 0,1 |
| 20 | 0 | BALLAST | -3,3906 | 20-1 | 0 |
| 20 | 0,1 | BALLAST | -2,1935 | 20-1 | 0,1 |
| 20 | 0 | STERRASX | -11,1484 | 20-1 | 0 |
| 20 | 0,1 | STERRASX | -12,2 | 20-1 | 0,1 |
| 20 | 0 | STERRADX | 16,0729 | 20-1 | 0 |
| 20 | 0,1 | STERRADX | 17,1267 | 20-1 | 0,1 |
| 20 | 0 | TERMP | -1,7736 | 20-1 | 0 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 20 | 0,1 | TERMP | -1,7744 | 20-1 | 0,1 |
| 20 | 0 | TERMN | 5,3209 | 20-1 | 0 |
| 20 | 0,1 | TERMN | 5,3233 | 20-1 | 0,1 |
| 20 | 0 | GRADTP | 1,8996 | 20-1 | 0 |
| 20 | 0,1 | GRADTP | 1,9005 | 20-1 | 0,1 |
| 20 | 0 | GRADTN | -1,8996 | 20-1 | 0 |
| 20 | 0,1 | GRADTN | -1,9005 | 20-1 | 0,1 |
| 20 | 0 | LM71C | -14,7428 | 20-1 | 0 |
| 20 | 0,1 | LM71C | -9,5374 | 20-1 | 0,1 |
| 20 | 0 | STLM71 | -15,8981 | 20-1 | 0 |
| 20 | 0,1 | STLM71 | -17,3117 | 20-1 | 0,1 |
| 20 | 0 | AVVLM71 | -15,0743 | 20-1 | 0 |
| 20 | 0,1 | AVVLM71 | -16,0602 | 20-1 | 0,1 |
| 20 | 0 | SW2 | -11,5599 | 20-1 | 0 |
| 20 | 0,1 | SW2 | -7,4783 | 20-1 | 0,1 |
| 20 | 0 | STSW2 | -12,4638 | 20-1 | 0 |
| 20 | 0,1 | STSW2 | -13,572 | 20-1 | 0,1 |
| 20 | 0 | FRENSW2 | -15,9926 | 20-1 | 0 |
| 20 | 0,1 | FRENSW2 | -17,0386 | 20-1 | 0,1 |
| 20 | 0 | SERP | 0 | 20-1 | 0 |
| 20 | 0,1 | SERP | 0 | 20-1 | 0,1 |
| 20 | 0 | INCRTER | -14,1809 | 20-1 | 0 |
| 20 | 0,1 | INCRTER | -15,4418 | 20-1 | 0,1 |
| 20 | 0 | LM71SISO | -5,6676 | 20-1 | 0 |
| 20 | 0,1 | LM71SISO | -6,0383 | 20-1 | 0,1 |
| 20 | 0 | SW2SISO | -4,4344 | 20-1 | 0 |
| 20 | 0,1 | SW2SISO | -4,7244 | 20-1 | 0,1 |
| 20 | 0 | SISMAO | -14,8916 | 20-1 | 0 |
| 20 | 0,1 | SISMAO | -15,9022 | 20-1 | 0,1 |
| 20 | 0 | LM71SVA | 0,4387 | 20-1 | 0 |
| 20 | 0,1 | LM71SVA | 0,2838 | 20-1 | 0,1 |
| 20 | 0 | SW2SVA | 0,3454 | 20-1 | 0 |
| 20 | 0,1 | SW2SVA | 0,2235 | 20-1 | 0,1 |
| 20 | 0 | SISMAVA | 1,4219 | 20-1 | 0 |
| 20 | 0,1 | SISMAVA | 0,8711 | 20-1 | 0,1 |
| 20 | 0 | LM71SVB | -0,4387 | 20-1 | 0 |
| 20 | 0,1 | LM71SVB | -0,2838 | 20-1 | 0,1 |
| 20 | 0 | SW2SVB | -0,3454 | 20-1 | 0 |
| 20 | 0,1 | SW2SVB | -0,2235 | 20-1 | 0,1 |
| 20 | 0 | SISMAVB | -1,4219 | 20-1 | 0 |
| 20 | 0,1 | SISMAVB | -0,8711 | 20-1 | 0,1 |
| 21 | 0 | PP | -2,6744 | 21-1 | 0 |
| 21 | 0,1 | PP | -0,4475 | 21-1 | 0,1 |
| 21 | 0 | REINTSUP | -0,9871 | 21-1 | 0 |
| 21 | 0,1 | REINTSUP | -0,3762 | 21-1 | 0,1 |
| 21 | 0 | BALLAST | -2,1935 | 21-1 | 0 |
| 21 | 0,1 | BALLAST | -0,836 | 21-1 | 0,1 |
| 21 | 0 | STERRASX | -12,2 | 21-1 | 0 |
| 21 | 0,1 | STERRASX | -12,8945 | 21-1 | 0,1 |
| 21 | 0 | STERRADX | 17,1267 | 21-1 | 0 |
| 21 | 0,1 | STERRADX | 17,8234 | 21-1 | 0,1 |
| 21 | 0 | TERMP | -1,7744 | 21-1 | 0 |
| 21 | 0,1 | TERMP | -1,7752 | 21-1 | 0,1 |
| 21 | 0 | TERMN | 5,3233 | 21-1 | 0 |
| 21 | 0,1 | TERMN | 5,3255 | 21-1 | 0,1 |
| 21 | 0 | GRADTP | 1,9005 | 21-1 | 0 |
| 21 | 0,1 | GRADTP | 1,9013 | 21-1 | 0,1 |
| 21 | 0 | GRADTN | -1,9005 | 21-1 | 0 |
| 21 | 0,1 | GRADTN | -1,9013 | 21-1 | 0,1 |
| 21 | 0 | LM71C | -9,5374 | 21-1 | 0 |
| 21 | 0,1 | LM71C | -3,635 | 21-1 | 0,1 |
| 21 | 0 | STLM71 | -17,3117 | 21-1 | 0 |
| 21 | 0,1 | STLM71 | -18,2226 | 21-1 | 0,1 |
| 21 | 0 | AVVLM71 | -16,0602 | 21-1 | 0 |
| 21 | 0,1 | AVVLM71 | -16,5786 | 21-1 | 0,1 |
| 21 | 0 | SW2 | -7,4783 | 21-1 | 0 |
| 21 | 0,1 | SW2 | -2,8502 | 21-1 | 0,1 |
| 21 | 0 | STSW2 | -13,572 | 21-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 21 | 0,1 | STSW2 | -14,2861 | 21-1 | 0,1 |
| 21 | 0 | FRENSW2 | -17,0386 | 21-1 | 0 |
| 21 | 0,1 | FRENSW2 | -17,5886 | 21-1 | 0,1 |
| 21 | 0 | SERP | 0 | 21-1 | 0 |
| 21 | 0,1 | SERP | 0 | 21-1 | 0,1 |
| 21 | 0 | INCRTER | -15,4418 | 21-1 | 0 |
| 21 | 0,1 | INCRTER | -16,2543 | 21-1 | 0,1 |
| 21 | 0 | LM71SISO | -6,0383 | 21-1 | 0 |
| 21 | 0,1 | LM71SISO | -6,2332 | 21-1 | 0,1 |
| 21 | 0 | SW2SISO | -4,7244 | 21-1 | 0 |
| 21 | 0,1 | SW2SISO | -4,8769 | 21-1 | 0,1 |
| 21 | 0 | SISMAO | -15,9022 | 21-1 | 0 |
| 21 | 0,1 | SISMAO | -16,4657 | 21-1 | 0,1 |
| 21 | 0 | LM71SVA | 0,2838 | 21-1 | 0 |
| 21 | 0,1 | LM71SVA | 0,1082 | 21-1 | 0,1 |
| 21 | 0 | SW2SVA | 0,2235 | 21-1 | 0 |
| 21 | 0,1 | SW2SVA | 0,0852 | 21-1 | 0,1 |
| 21 | 0 | SISMAVA | 0,8711 | 21-1 | 0 |
| 21 | 0,1 | SISMAVA | 0,2466 | 21-1 | 0,1 |
| 21 | 0 | LM71SVB | -0,2838 | 21-1 | 0 |
| 21 | 0,1 | LM71SVB | -0,1082 | 21-1 | 0,1 |
| 21 | 0 | SW2SVB | -0,2235 | 21-1 | 0 |
| 21 | 0,1 | SW2SVB | -0,0852 | 21-1 | 0,1 |
| 21 | 0 | SISMAVB | -0,8711 | 21-1 | 0 |
| 21 | 0,1 | SISMAVB | -0,2466 | 21-1 | 0,1 |
| 22 | 0 | PP | -0,4475 | 22-1 | 0 |
| 22 | 0,1 | PP | 2,0425 | 22-1 | 0,1 |
| 22 | 0 | REINTSUP | -0,3762 | 22-1 | 0 |
| 22 | 0,1 | REINTSUP | 0,3069 | 22-1 | 0,1 |
| 22 | 0 | BALLAST | -0,836 | 22-1 | 0 |
| 22 | 0,1 | BALLAST | 0,682 | 22-1 | 0,1 |
| 22 | 0 | STERRASX | -12,8945 | 22-1 | 0 |
| 22 | 0,1 | STERRASX | -13,1873 | 22-1 | 0,1 |
| 22 | 0 | STERRADX | 17,8234 | 22-1 | 0 |
| 22 | 0,1 | STERRADX | 18,1178 | 22-1 | 0,1 |
| 22 | 0 | TERMP | -1,7752 | 22-1 | 0 |
| 22 | 0,1 | TERMP | -1,7758 | 22-1 | 0,1 |
| 22 | 0 | TERMN | 5,3255 | 22-1 | 0 |
| 22 | 0,1 | TERMN | 5,3273 | 22-1 | 0,1 |
| 22 | 0 | GRADTP | 1,9013 | 22-1 | 0 |
| 22 | 0,1 | GRADTP | 1,9019 | 22-1 | 0,1 |
| 22 | 0 | GRADTN | -1,9013 | 22-1 | 0 |
| 22 | 0,1 | GRADTN | -1,9019 | 22-1 | 0,1 |
| 22 | 0 | LM71C | -3,635 | 22-1 | 0 |
| 22 | 0,1 | LM71C | 2,9653 | 22-1 | 0,1 |
| 22 | 0 | STLM71 | -18,2226 | 22-1 | 0 |
| 22 | 0,1 | STLM71 | -18,5676 | 22-1 | 0,1 |
| 22 | 0 | AVVLM71 | -16,5786 | 22-1 | 0 |
| 22 | 0,1 | AVVLM71 | -16,5707 | 22-1 | 0,1 |
| 22 | 0 | SW2 | -2,8502 | 22-1 | 0 |
| 22 | 0,1 | SW2 | 2,3251 | 22-1 | 0,1 |
| 22 | 0 | STSW2 | -14,2861 | 22-1 | 0 |
| 22 | 0,1 | STSW2 | -14,5566 | 22-1 | 0,1 |
| 22 | 0 | FRENSW2 | -17,5886 | 22-1 | 0 |
| 22 | 0,1 | FRENSW2 | -17,5803 | 22-1 | 0,1 |
| 22 | 0 | SERP | 0 | 22-1 | 0 |
| 22 | 0,1 | SERP | 0 | 22-1 | 0,1 |
| 22 | 0 | INCRTER | -16,2543 | 22-1 | 0 |
| 22 | 0,1 | INCRTER | -16,5621 | 22-1 | 0,1 |
| 22 | 0 | LM71SISO | -6,2332 | 22-1 | 0 |
| 22 | 0,1 | LM71SISO | -6,2303 | 22-1 | 0,1 |
| 22 | 0 | SW2SISO | -4,8769 | 22-1 | 0 |
| 22 | 0,1 | SW2SISO | -4,8746 | 22-1 | 0,1 |
| 22 | 0 | SISMAO | -16,4657 | 22-1 | 0 |
| 22 | 0,1 | SISMAO | -16,5259 | 22-1 | 0,1 |
| 22 | 0 | LM71SVA | 0,1082 | 22-1 | 0 |
| 22 | 0,1 | LM71SVA | -0,0882 | 22-1 | 0,1 |
| 22 | 0 | SW2SVA | 0,0852 | 22-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 22 | 0,1 | SW2SVA | -0,0695 | 22-1 | 0,1 |
| 22 | 0 | SISMAVA | 0,2466 | 22-1 | 0 |
| 22 | 0,1 | SISMAVA | -0,4517 | 22-1 | 0,1 |
| 22 | 0 | LM71SVB | -0,1082 | 22-1 | 0 |
| 22 | 0,1 | LM71SVB | 0,0882 | 22-1 | 0,1 |
| 22 | 0 | SW2SVB | -0,0852 | 22-1 | 0 |
| 22 | 0,1 | SW2SVB | 0,0695 | 22-1 | 0,1 |
| 22 | 0 | SISMAVB | -0,2466 | 22-1 | 0 |
| 22 | 0,1 | SISMAVB | 0,4517 | 22-1 | 0,1 |
| 23 | 0 | PP | 2,0425 | 23-1 | 0 |
| 23 | 0,0875 | PP | 4,4374 | 23-1 | 0,0875 |
| 23 | 0 | REINTSUP | 0,3069 | 23-1 | 0 |
| 23 | 0,0875 | REINTSUP | 0,9639 | 23-1 | 0,0875 |
| 23 | 0 | BALLAST | 0,682 | 23-1 | 0 |
| 23 | 0,0875 | BALLAST | 2,1421 | 23-1 | 0,0875 |
| 23 | 0 | STERRASX | -13,1873 | 23-1 | 0 |
| 23 | 0,0875 | STERRASX | -13,0771 | 23-1 | 0,0875 |
| 23 | 0 | STERRADX | 18,1178 | 23-1 | 0 |
| 23 | 0,0875 | STERRADX | 18,0086 | 23-1 | 0,0875 |
| 23 | 0 | TERMP | -1,7758 | 23-1 | 0 |
| 23 | 0,0875 | TERMP | -1,7761 | 23-1 | 0,0875 |
| 23 | 0 | TERMN | 5,3273 | 23-1 | 0 |
| 23 | 0,0875 | TERMN | 5,3284 | 23-1 | 0,0875 |
| 23 | 0 | GRADTP | 1,9019 | 23-1 | 0 |
| 23 | 0,0875 | GRADTP | 1,9023 | 23-1 | 0,0875 |
| 23 | 0 | GRADTN | -1,9019 | 23-1 | 0 |
| 23 | 0,0875 | GRADTN | -1,9023 | 23-1 | 0,0875 |
| 23 | 0 | LM71C | 2,9653 | 23-1 | 0 |
| 23 | 0,0875 | LM71C | 9,314 | 23-1 | 0,0875 |
| 23 | 0 | STLM71 | -18,5676 | 23-1 | 0 |
| 23 | 0,0875 | STLM71 | -18,3536 | 23-1 | 0,0875 |
| 23 | 0 | AVVLM71 | -16,5707 | 23-1 | 0 |
| 23 | 0,0875 | AVVLM71 | -16,084 | 23-1 | 0,0875 |
| 23 | 0 | SW2 | 2,3251 | 23-1 | 0 |
| 23 | 0,0875 | SW2 | 7,3031 | 23-1 | 0,0875 |
| 23 | 0 | STSW2 | -14,5566 | 23-1 | 0 |
| 23 | 0,0875 | STSW2 | -14,3888 | 23-1 | 0,0875 |
| 23 | 0 | FRENSW2 | -17,5803 | 23-1 | 0 |
| 23 | 0,0875 | FRENSW2 | -17,0639 | 23-1 | 0,0875 |
| 23 | 0 | SERP | 0 | 23-1 | 0 |
| 23 | 0,0875 | SERP | 0 | 23-1 | 0,0875 |
| 23 | 0 | INCRTER | -16,5621 | 23-1 | 0 |
| 23 | 0,0875 | INCRTER | -16,3712 | 23-1 | 0,0875 |
| 23 | 0 | LM71SISO | -6,2303 | 23-1 | 0 |
| 23 | 0,0875 | LM71SISO | -6,0473 | 23-1 | 0,0875 |
| 23 | 0 | SW2SISO | -4,8746 | 23-1 | 0 |
| 23 | 0,0875 | SW2SISO | -4,7314 | 23-1 | 0,0875 |
| 23 | 0 | SISMAO | -16,5259 | 23-1 | 0 |
| 23 | 0,0875 | SISMAO | -16,1196 | 23-1 | 0,0875 |
| 23 | 0 | LM71SVA | -0,0882 | 23-1 | 0 |
| 23 | 0,0875 | LM71SVA | -0,2771 | 23-1 | 0,0875 |
| 23 | 0 | SW2SVA | -0,0695 | 23-1 | 0 |
| 23 | 0,0875 | SW2SVA | -0,2182 | 23-1 | 0,0875 |
| 23 | 0 | SISMAVA | -0,4517 | 23-1 | 0 |
| 23 | 0,0875 | SISMAVA | -1,1233 | 23-1 | 0,0875 |
| 23 | 0 | LM71SVB | 0,0882 | 23-1 | 0 |
| 23 | 0,0875 | LM71SVB | 0,2771 | 23-1 | 0,0875 |
| 23 | 0 | SW2SVB | 0,0695 | 23-1 | 0 |
| 23 | 0,0875 | SW2SVB | 0,2182 | 23-1 | 0,0875 |
| 23 | 0 | SISMAVB | 0,4517 | 23-1 | 0 |
| 23 | 0,0875 | SISMAVB | 1,1233 | 23-1 | 0,0875 |
| 24 | 0 | PP | 4,4374 | 24-1 | 0 |
| 24 | 0,0875 | PP | 7,0344 | 24-1 | 0,0875 |
| 24 | 0 | REINTSUP | 0,9639 | 24-1 | 0 |
| 24 | 0,0875 | REINTSUP | 1,6764 | 24-1 | 0,0875 |
| 24 | 0 | BALLAST | 2,1421 | 24-1 | 0 |
| 24 | 0,0875 | BALLAST | 3,7254 | 24-1 | 0,0875 |
| 24 | 0 | STERRASX | -13,0771 | 24-1 | 0 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 24 | 0,0875 | STERRASX | -12,5949 | 24-1 | 0,0875 |
| 24 | 0 | STERRADX | 18,0086 | 24-1 | 0 |
| 24 | 0,0875 | STERRADX | 17,5268 | 24-1 | 0,0875 |
| 24 | 0 | TERMP | -1,7761 | 24-1 | 0 |
| 24 | 0,0875 | TERMP | -1,7763 | 24-1 | 0,0875 |
| 24 | 0 | TERMN | 5,3284 | 24-1 | 0 |
| 24 | 0,0875 | TERMN | 5,3288 | 24-1 | 0,0875 |
| 24 | 0 | GRADTP | 1,9023 | 24-1 | 0 |
| 24 | 0,0875 | GRADTP | 1,9025 | 24-1 | 0,0875 |
| 24 | 0 | GRADTN | -1,9023 | 24-1 | 0 |
| 24 | 0,0875 | GRADTN | -1,9025 | 24-1 | 0,0875 |
| 24 | 0 | LM71C | 9,314 | 24-1 | 0 |
| 24 | 0,0875 | LM71C | 16,1985 | 24-1 | 0,0875 |
| 24 | 0 | STLM71 | -18,3536 | 24-1 | 0 |
| 24 | 0,0875 | STLM71 | -17,6156 | 24-1 | 0,0875 |
| 24 | 0 | AVVLM71 | -16,084 | 24-1 | 0 |
| 24 | 0,0875 | AVVLM71 | -15,11 | 24-1 | 0,0875 |
| 24 | 0 | SW2 | 7,3031 | 24-1 | 0 |
| 24 | 0,0875 | SW2 | 12,7012 | 24-1 | 0,0875 |
| 24 | 0 | STSW2 | -14,3888 | 24-1 | 0 |
| 24 | 0,0875 | STSW2 | -13,8103 | 24-1 | 0,0875 |
| 24 | 0 | FRENSW2 | -17,0639 | 24-1 | 0 |
| 24 | 0,0875 | FRENSW2 | -16,0306 | 24-1 | 0,0875 |
| 24 | 0 | SERP | 0 | 24-1 | 0 |
| 24 | 0,0875 | SERP | 0 | 24-1 | 0,0875 |
| 24 | 0 | INCRTER | -16,3712 | 24-1 | 0 |
| 24 | 0,0875 | INCRTER | -15,7129 | 24-1 | 0,0875 |
| 24 | 0 | LM71SISO | -6,0473 | 24-1 | 0 |
| 24 | 0,0875 | LM71SISO | -5,681 | 24-1 | 0,0875 |
| 24 | 0 | SW2SISO | -4,7314 | 24-1 | 0 |
| 24 | 0,0875 | SW2SISO | -4,4449 | 24-1 | 0,0875 |
| 24 | 0 | SISMAO | -16,1196 | 24-1 | 0 |
| 24 | 0,0875 | SISMAO | -15,2472 | 24-1 | 0,0875 |
| 24 | 0 | LM71SVA | -0,2771 | 24-1 | 0 |
| 24 | 0,0875 | LM71SVA | -0,482 | 24-1 | 0,0875 |
| 24 | 0 | SW2SVA | -0,2182 | 24-1 | 0 |
| 24 | 0,0875 | SW2SVA | -0,3795 | 24-1 | 0,0875 |
| 24 | 0 | SISMAVA | -1,1233 | 24-1 | 0 |
| 24 | 0,0875 | SISMAVA | -1,8517 | 24-1 | 0,0875 |
| 24 | 0 | LM71SVB | 0,2771 | 24-1 | 0 |
| 24 | 0,0875 | LM71SVB | 0,482 | 24-1 | 0,0875 |
| 24 | 0 | SW2SVB | 0,2182 | 24-1 | 0 |
| 24 | 0,0875 | SW2SVB | 0,3795 | 24-1 | 0,0875 |
| 24 | 0 | SISMAVB | 1,1233 | 24-1 | 0 |
| 24 | 0,0875 | SISMAVB | 1,8517 | 24-1 | 0,0875 |
| 25 | 0 | PP | 7,0344 | 25-1 | 0 |
| 25 | 0,04375 | PP | 6,9231 | 25-1 | 0,04375 |
| 25 | 0,0875 | PP | 6,8119 | 25-1 | 0,0875 |
| 25 | 0 | REINTSUP | 1,6764 | 25-1 | 0 |
| 25 | 0,04375 | REINTSUP | 1,676 | 25-1 | 0,04375 |
| 25 | 0,0875 | REINTSUP | 1,6756 | 25-1 | 0,0875 |
| 25 | 0 | BALLAST | 3,7254 | 25-1 | 0 |
| 25 | 0,04375 | BALLAST | 3,7244 | 25-1 | 0,04375 |
| 25 | 0,0875 | BALLAST | 3,7235 | 25-1 | 0,0875 |
| 25 | 0 | STERRASX | 17,5268 | 25-1 | 0 |
| 25 | 0,04375 | STERRASX | 15,8563 | 25-1 | 0,04375 |
| 25 | 0,0875 | STERRASX | 14,2443 | 25-1 | 0,0875 |
| 25 | 0 | STERRADX | -12,5949 | 25-1 | 0 |
| 25 | 0,04375 | STERRADX | -12,1465 | 25-1 | 0,04375 |
| 25 | 0,0875 | STERRADX | -11,6982 | 25-1 | 0,0875 |
| 25 | 0 | TERMP | -1,7763 | 25-1 | 0 |
| 25 | 0,04375 | TERMP | -1,7097 | 25-1 | 0,04375 |
| 25 | 0,0875 | TERMP | -1,6432 | 25-1 | 0,0875 |
| 25 | 0 | TERMN | 5,3288 | 25-1 | 0 |
| 25 | 0,04375 | TERMN | 5,1292 | 25-1 | 0,04375 |
| 25 | 0,0875 | TERMN | 4,9296 | 25-1 | 0,0875 |
| 25 | 0 | GRADTP | 1,9025 | 25-1 | 0 |
| 25 | 0,04375 | GRADTP | 1,6777 | 25-1 | 0,04375 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 25 | 0,0875 | GRADTP | 1,4528 | 25-1 | 0,0875 |
| 25 | 0 | GRADTN | -1,9025 | 25-1 | 0 |
| 25 | 0,04375 | GRADTN | -1,6777 | 25-1 | 0,04375 |
| 25 | 0,0875 | GRADTN | -1,4528 | 25-1 | 0,0875 |
| 25 | 0 | LM71C | 16,1985 | 25-1 | 0 |
| 25 | 0,04375 | LM71C | 16,1942 | 25-1 | 0,04375 |
| 25 | 0,0875 | LM71C | 16,19 | 25-1 | 0,0875 |
| 25 | 0 | STLM71 | 23,2167 | 25-1 | 0 |
| 25 | 0,04375 | STLM71 | 21,3352 | 25-1 | 0,04375 |
| 25 | 0,0875 | STLM71 | 19,501 | 25-1 | 0,0875 |
| 25 | 0 | AVVLM71 | 15,11 | 25-1 | 0 |
| 25 | 0,04375 | AVVLM71 | 14,5194 | 25-1 | 0,04375 |
| 25 | 0,0875 | AVVLM71 | 13,9287 | 25-1 | 0,0875 |
| 25 | 0 | SW2 | 12,7012 | 25-1 | 0 |
| 25 | 0,04375 | SW2 | 12,6979 | 25-1 | 0,04375 |
| 25 | 0,0875 | SW2 | 12,6946 | 25-1 | 0,0875 |
| 25 | 0 | STSW2 | 18,2015 | 25-1 | 0 |
| 25 | 0,04375 | STSW2 | 16,7264 | 25-1 | 0,04375 |
| 25 | 0,0875 | STSW2 | 15,2884 | 25-1 | 0,0875 |
| 25 | 0 | FRENSW2 | 16,0306 | 25-1 | 0 |
| 25 | 0,04375 | FRENSW2 | 15,4039 | 25-1 | 0,04375 |
| 25 | 0,0875 | FRENSW2 | 14,7773 | 25-1 | 0,0875 |
| 25 | 0 | SERP | 0 | 25-1 | 0 |
| 25 | 0,04375 | SERP | 0 | 25-1 | 0,04375 |
| 25 | 0,0875 | SERP | 0 | 25-1 | 0,0875 |
| 25 | 0 | INCRTER | 20,7091 | 25-1 | 0 |
| 25 | 0,04375 | INCRTER | 19,0308 | 25-1 | 0,04375 |
| 25 | 0,0875 | INCRTER | 17,3947 | 25-1 | 0,0875 |
| 25 | 0 | LM71SISO | 5,681 | 25-1 | 0 |
| 25 | 0,04375 | LM71SISO | 5,459 | 25-1 | 0,04375 |
| 25 | 0,0875 | LM71SISO | 5,2369 | 25-1 | 0,0875 |
| 25 | 0 | SW2SISO | 4,4449 | 25-1 | 0 |
| 25 | 0,04375 | SW2SISO | 4,2711 | 25-1 | 0,04375 |
| 25 | 0,0875 | SW2SISO | 4,0974 | 25-1 | 0,0875 |
| 25 | 0 | SISMAO | 15,2472 | 25-1 | 0 |
| 25 | 0,04375 | SISMAO | 14,5632 | 25-1 | 0,04375 |
| 25 | 0,0875 | SISMAO | 13,8837 | 25-1 | 0,0875 |
| 25 | 0 | LM71SVA | -0,482 | 25-1 | 0 |
| 25 | 0,04375 | LM71SVA | -0,4818 | 25-1 | 0,04375 |
| 25 | 0,0875 | LM71SVA | -0,4817 | 25-1 | 0,0875 |
| 25 | 0 | SW2SVA | -0,3795 | 25-1 | 0 |
| 25 | 0,04375 | SW2SVA | -0,3794 | 25-1 | 0,04375 |
| 25 | 0,0875 | SW2SVA | -0,3793 | 25-1 | 0,0875 |
| 25 | 0 | SISMAVA | -1,8517 | 25-1 | 0 |
| 25 | 0,04375 | SISMAVA | -1,8349 | 25-1 | 0,04375 |
| 25 | 0,0875 | SISMAVA | -1,8182 | 25-1 | 0,0875 |
| 25 | 0 | LM71SVB | 0,482 | 25-1 | 0 |
| 25 | 0,04375 | LM71SVB | 0,4818 | 25-1 | 0,04375 |
| 25 | 0,0875 | LM71SVB | 0,4817 | 25-1 | 0,0875 |
| 25 | 0 | SW2SVB | 0,3795 | 25-1 | 0 |
| 25 | 0,04375 | SW2SVB | 0,3794 | 25-1 | 0,04375 |
| 25 | 0,0875 | SW2SVB | 0,3793 | 25-1 | 0,0875 |
| 25 | 0 | SISMAVB | 1,8517 | 25-1 | 0 |
| 25 | 0,04375 | SISMAVB | 1,8349 | 25-1 | 0,04375 |
| 25 | 0,0875 | SISMAVB | 1,8182 | 25-1 | 0,0875 |
| 26 | 0 | PP | -7,0344 | 26-1 | 0 |
| 26 | 0,04375 | PP | -6,9231 | 26-1 | 0,04375 |
| 26 | 0,0875 | PP | -6,8119 | 26-1 | 0,0875 |
| 26 | 0 | REINTSUP | -1,6764 | 26-1 | 0 |
| 26 | 0,04375 | REINTSUP | -1,676 | 26-1 | 0,04375 |
| 26 | 0,0875 | REINTSUP | -1,6756 | 26-1 | 0,0875 |
| 26 | 0 | BALLAST | -3,7254 | 26-1 | 0 |
| 26 | 0,04375 | BALLAST | -3,7244 | 26-1 | 0,04375 |
| 26 | 0,0875 | BALLAST | -3,7235 | 26-1 | 0,0875 |
| 26 | 0 | STERRASX | 12,5949 | 26-1 | 0 |
| 26 | 0,04375 | STERRASX | 12,1465 | 26-1 | 0,04375 |
| 26 | 0,0875 | STERRASX | 11,6982 | 26-1 | 0,0875 |
| 26 | 0 | STERRADX | -17,5268 | 26-1 | 0 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 26 | 0,04375 | STERRADX | -15,8563 | 26-1 | 0,04375 |
| 26 | 0,0875 | STERRADX | -14,2443 | 26-1 | 0,0875 |
| 26 | 0 | TERMP | 1,7763 | 26-1 | 0 |
| 26 | 0,04375 | TERMP | 1,7097 | 26-1 | 0,04375 |
| 26 | 0,0875 | TERMP | 1,6432 | 26-1 | 0,0875 |
| 26 | 0 | TERMN | -5,3288 | 26-1 | 0 |
| 26 | 0,04375 | TERMN | -5,1292 | 26-1 | 0,04375 |
| 26 | 0,0875 | TERMN | -4,9296 | 26-1 | 0,0875 |
| 26 | 0 | GRADTP | -1,9025 | 26-1 | 0 |
| 26 | 0,04375 | GRADTP | -1,6777 | 26-1 | 0,04375 |
| 26 | 0,0875 | GRADTP | -1,4528 | 26-1 | 0,0875 |
| 26 | 0 | GRADTN | 1,9025 | 26-1 | 0 |
| 26 | 0,04375 | GRADTN | 1,6777 | 26-1 | 0,04375 |
| 26 | 0,0875 | GRADTN | 1,4528 | 26-1 | 0,0875 |
| 26 | 0 | LM71C | -16,1985 | 26-1 | 0 |
| 26 | 0,04375 | LM71C | -16,1942 | 26-1 | 0,04375 |
| 26 | 0,0875 | LM71C | -16,19 | 26-1 | 0,0875 |
| 26 | 0 | STLM71 | 17,6156 | 26-1 | 0 |
| 26 | 0,04375 | STLM71 | 16,9792 | 26-1 | 0,04375 |
| 26 | 0,0875 | STLM71 | 16,3429 | 26-1 | 0,0875 |
| 26 | 0 | AVVLM71 | 15,11 | 26-1 | 0 |
| 26 | 0,04375 | AVVLM71 | 14,5194 | 26-1 | 0,04375 |
| 26 | 0,0875 | AVVLM71 | 13,9287 | 26-1 | 0,0875 |
| 26 | 0 | SW2 | -12,7012 | 26-1 | 0 |
| 26 | 0,04375 | SW2 | -12,6979 | 26-1 | 0,04375 |
| 26 | 0,0875 | SW2 | -12,6946 | 26-1 | 0,0875 |
| 26 | 0 | STSW2 | 13,8103 | 26-1 | 0 |
| 26 | 0,04375 | STSW2 | 13,3114 | 26-1 | 0,04375 |
| 26 | 0,0875 | STSW2 | 12,8125 | 26-1 | 0,0875 |
| 26 | 0 | FRENSW2 | 16,0306 | 26-1 | 0 |
| 26 | 0,04375 | FRENSW2 | 15,4039 | 26-1 | 0,04375 |
| 26 | 0,0875 | FRENSW2 | 14,7773 | 26-1 | 0,0875 |
| 26 | 0 | SERP | 0 | 26-1 | 0 |
| 26 | 0,04375 | SERP | 0 | 26-1 | 0,04375 |
| 26 | 0,0875 | SERP | 0 | 26-1 | 0,0875 |
| 26 | 0 | INCRTER | 15,7129 | 26-1 | 0 |
| 26 | 0,04375 | INCRTER | 15,1453 | 26-1 | 0,04375 |
| 26 | 0,0875 | INCRTER | 14,5777 | 26-1 | 0,0875 |
| 26 | 0 | LM71SISO | 5,681 | 26-1 | 0 |
| 26 | 0,04375 | LM71SISO | 5,459 | 26-1 | 0,04375 |
| 26 | 0,0875 | LM71SISO | 5,2369 | 26-1 | 0,0875 |
| 26 | 0 | SW2SISO | 4,4449 | 26-1 | 0 |
| 26 | 0,04375 | SW2SISO | 4,2711 | 26-1 | 0,04375 |
| 26 | 0,0875 | SW2SISO | 4,0974 | 26-1 | 0,0875 |
| 26 | 0 | SISMAO | 15,2472 | 26-1 | 0 |
| 26 | 0,04375 | SISMAO | 14,5632 | 26-1 | 0,04375 |
| 26 | 0,0875 | SISMAO | 13,8837 | 26-1 | 0,0875 |
| 26 | 0 | LM71SVA | 0,482 | 26-1 | 0 |
| 26 | 0,04375 | LM71SVA | 0,4818 | 26-1 | 0,04375 |
| 26 | 0,0875 | LM71SVA | 0,4817 | 26-1 | 0,0875 |
| 26 | 0 | SW2SVA | 0,3795 | 26-1 | 0 |
| 26 | 0,04375 | SW2SVA | 0,3794 | 26-1 | 0,04375 |
| 26 | 0,0875 | SW2SVA | 0,3793 | 26-1 | 0,0875 |
| 26 | 0 | SISMAVA | 1,8517 | 26-1 | 0 |
| 26 | 0,04375 | SISMAVA | 1,8349 | 26-1 | 0,04375 |
| 26 | 0,0875 | SISMAVA | 1,8182 | 26-1 | 0,0875 |
| 26 | 0 | LM71SVB | -0,482 | 26-1 | 0 |
| 26 | 0,04375 | LM71SVB | -0,4818 | 26-1 | 0,04375 |
| 26 | 0,0875 | LM71SVB | -0,4817 | 26-1 | 0,0875 |
| 26 | 0 | SW2SVB | -0,3795 | 26-1 | 0 |
| 26 | 0,04375 | SW2SVB | -0,3794 | 26-1 | 0,04375 |
| 26 | 0,0875 | SW2SVB | -0,3793 | 26-1 | 0,0875 |
| 26 | 0 | SISMAVB | -1,8517 | 26-1 | 0 |
| 26 | 0,04375 | SISMAVB | -1,8349 | 26-1 | 0,04375 |
| 26 | 0,0875 | SISMAVB | -1,8182 | 26-1 | 0,0875 |
| 27 | 0 | PP | 6,8119 | 27-1 | 0 |
| 27 | 0,04375 | PP | 6,7007 | 27-1 | 0,04375 |
| 27 | 0,0875 | PP | 6,5895 | 27-1 | 0,0875 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station | OutputCase | M3 | FrameElem | ElemStation |
|-------|---------|------------|----------|-----------|-------------|
| | m | | KN-m | | m |
| 27 | 0 | REINTSUP | 1,6756 | 27-1 | 0 |
| 27 | 0,04375 | REINTSUP | 1,6751 | 27-1 | 0,04375 |
| 27 | 0,0875 | REINTSUP | 1,6747 | 27-1 | 0,0875 |
| 27 | 0 | BALLAST | 3,7235 | 27-1 | 0 |
| 27 | 0,04375 | BALLAST | 3,7225 | 27-1 | 0,04375 |
| 27 | 0,0875 | BALLAST | 3,7215 | 27-1 | 0,0875 |
| 27 | 0 | STERRASX | 14,2443 | 27-1 | 0 |
| 27 | 0,04375 | STERRASX | 12,69 | 27-1 | 0,04375 |
| 27 | 0,0875 | STERRASX | 11,1928 | 27-1 | 0,0875 |
| 27 | 0 | STERRADX | -11,6982 | 27-1 | 0 |
| 27 | 0,04375 | STERRADX | -11,2498 | 27-1 | 0,04375 |
| 27 | 0,0875 | STERRADX | -10,8015 | 27-1 | 0,0875 |
| 27 | 0 | TERMP | -1,6432 | 27-1 | 0 |
| 27 | 0,04375 | TERMP | -1,5766 | 27-1 | 0,04375 |
| 27 | 0,0875 | TERMP | -1,5101 | 27-1 | 0,0875 |
| 27 | 0 | TERMN | 4,9296 | 27-1 | 0 |
| 27 | 0,04375 | TERMN | 4,7299 | 27-1 | 0,04375 |
| 27 | 0,0875 | TERMN | 4,5303 | 27-1 | 0,0875 |
| 27 | 0 | GRADTP | 1,4528 | 27-1 | 0 |
| 27 | 0,04375 | GRADTP | 1,228 | 27-1 | 0,04375 |
| 27 | 0,0875 | GRADTP | 1,0032 | 27-1 | 0,0875 |
| 27 | 0 | GRADTN | -1,4528 | 27-1 | 0 |
| 27 | 0,04375 | GRADTN | -1,228 | 27-1 | 0,04375 |
| 27 | 0,0875 | GRADTN | -1,0032 | 27-1 | 0,0875 |
| 27 | 0 | LM71C | 16,19 | 27-1 | 0 |
| 27 | 0,04375 | LM71C | 16,1858 | 27-1 | 0,04375 |
| 27 | 0,0875 | LM71C | 16,1816 | 27-1 | 0,0875 |
| 27 | 0 | STLM71 | 19,501 | 27-1 | 0 |
| 27 | 0,04375 | STLM71 | 17,7142 | 27-1 | 0,04375 |
| 27 | 0,0875 | STLM71 | 15,9746 | 27-1 | 0,0875 |
| 27 | 0 | AVVLM71 | 13,9287 | 27-1 | 0 |
| 27 | 0,04375 | AVVLM71 | 13,338 | 27-1 | 0,04375 |
| 27 | 0,0875 | AVVLM71 | 12,7474 | 27-1 | 0,0875 |
| 27 | 0 | SW2 | 12,6946 | 27-1 | 0 |
| 27 | 0,04375 | SW2 | 12,6913 | 27-1 | 0,04375 |
| 27 | 0,0875 | SW2 | 12,688 | 27-1 | 0,0875 |
| 27 | 0 | STSW2 | 15,2884 | 27-1 | 0 |
| 27 | 0,04375 | STSW2 | 13,8876 | 27-1 | 0,04375 |
| 27 | 0,0875 | STSW2 | 12,5238 | 27-1 | 0,0875 |
| 27 | 0 | FRENSW2 | 14,7773 | 27-1 | 0 |
| 27 | 0,04375 | FRENSW2 | 14,1506 | 27-1 | 0,04375 |
| 27 | 0,0875 | FRENSW2 | 13,524 | 27-1 | 0,0875 |
| 27 | 0 | SERP | 0 | 27-1 | 0 |
| 27 | 0,04375 | SERP | 0 | 27-1 | 0,04375 |
| 27 | 0,0875 | SERP | 0 | 27-1 | 0,0875 |
| 27 | 0 | INCRTER | 17,3947 | 27-1 | 0 |
| 27 | 0,04375 | INCRTER | 15,8009 | 27-1 | 0,04375 |
| 27 | 0,0875 | INCRTER | 14,2492 | 27-1 | 0,0875 |
| 27 | 0 | LM71SISO | 5,2369 | 27-1 | 0 |
| 27 | 0,04375 | LM71SISO | 5,0148 | 27-1 | 0,04375 |
| 27 | 0,0875 | LM71SISO | 4,7927 | 27-1 | 0,0875 |
| 27 | 0 | SW2SISO | 4,0974 | 27-1 | 0 |
| 27 | 0,04375 | SW2SISO | 3,9236 | 27-1 | 0,04375 |
| 27 | 0,0875 | SW2SISO | 3,7499 | 27-1 | 0,0875 |
| 27 | 0 | SISMAO | 13,8837 | 27-1 | 0 |
| 27 | 0,04375 | SISMAO | 13,2087 | 27-1 | 0,04375 |
| 27 | 0,0875 | SISMAO | 12,5382 | 27-1 | 0,0875 |
| 27 | 0 | LM71SVA | -0,4817 | 27-1 | 0 |
| 27 | 0,04375 | LM71SVA | -0,4816 | 27-1 | 0,04375 |
| 27 | 0,0875 | LM71SVA | -0,4815 | 27-1 | 0,0875 |
| 27 | 0 | SW2SVA | -0,3793 | 27-1 | 0 |
| 27 | 0,04375 | SW2SVA | -0,3792 | 27-1 | 0,04375 |
| 27 | 0,0875 | SW2SVA | -0,3791 | 27-1 | 0,0875 |
| 27 | 0 | SISMAVA | -1,8182 | 27-1 | 0 |
| 27 | 0,04375 | SISMAVA | -1,8014 | 27-1 | 0,04375 |
| 27 | 0,0875 | SISMAVA | -1,7847 | 27-1 | 0,0875 |
| 27 | 0 | LM71SVB | 0,4817 | 27-1 | 0 |
| 27 | 0,04375 | LM71SVB | 0,4816 | 27-1 | 0,04375 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 27 | 0,0875 | LM71SVB | 0,4815 | 27-1 | 0,0875 |
| 27 | 0 | SW2SVB | 0,3793 | 27-1 | 0 |
| 27 | 0,04375 | SW2SVB | 0,3792 | 27-1 | 0,04375 |
| 27 | 0,0875 | SW2SVB | 0,3791 | 27-1 | 0,0875 |
| 27 | 0 | SISMAVB | 1,8182 | 27-1 | 0 |
| 27 | 0,04375 | SISMAVB | 1,8014 | 27-1 | 0,04375 |
| 27 | 0,0875 | SISMAVB | 1,7847 | 27-1 | 0,0875 |
| 28 | 0 | PP | -6,8119 | 28-1 | 0 |
| 28 | 0,04375 | PP | -6,7007 | 28-1 | 0,04375 |
| 28 | 0,0875 | PP | -6,5895 | 28-1 | 0,0875 |
| 28 | 0 | REINTSUP | -1,6756 | 28-1 | 0 |
| 28 | 0,04375 | REINTSUP | -1,6751 | 28-1 | 0,04375 |
| 28 | 0,0875 | REINTSUP | -1,6747 | 28-1 | 0,0875 |
| 28 | 0 | BALLAST | -3,7235 | 28-1 | 0 |
| 28 | 0,04375 | BALLAST | -3,7225 | 28-1 | 0,04375 |
| 28 | 0,0875 | BALLAST | -3,7215 | 28-1 | 0,0875 |
| 28 | 0 | STERRASX | 11,6982 | 28-1 | 0 |
| 28 | 0,04375 | STERRASX | 11,2498 | 28-1 | 0,04375 |
| 28 | 0,0875 | STERRASX | 10,8015 | 28-1 | 0,0875 |
| 28 | 0 | STERRADX | -14,2443 | 28-1 | 0 |
| 28 | 0,04375 | STERRADX | -12,69 | 28-1 | 0,04375 |
| 28 | 0,0875 | STERRADX | -11,1928 | 28-1 | 0,0875 |
| 28 | 0 | TERMP | 1,6432 | 28-1 | 0 |
| 28 | 0,04375 | TERMP | 1,5766 | 28-1 | 0,04375 |
| 28 | 0,0875 | TERMP | 1,5101 | 28-1 | 0,0875 |
| 28 | 0 | TERMN | -4,9296 | 28-1 | 0 |
| 28 | 0,04375 | TERMN | -4,7299 | 28-1 | 0,04375 |
| 28 | 0,0875 | TERMN | -4,5303 | 28-1 | 0,0875 |
| 28 | 0 | GRADTP | -1,4528 | 28-1 | 0 |
| 28 | 0,04375 | GRADTP | -1,2228 | 28-1 | 0,04375 |
| 28 | 0,0875 | GRADTP | -1,0032 | 28-1 | 0,0875 |
| 28 | 0 | GRADTN | 1,4528 | 28-1 | 0 |
| 28 | 0,04375 | GRADTN | 1,2228 | 28-1 | 0,04375 |
| 28 | 0,0875 | GRADTN | 1,0032 | 28-1 | 0,0875 |
| 28 | 0 | LM71C | -16,19 | 28-1 | 0 |
| 28 | 0,04375 | LM71C | -16,1858 | 28-1 | 0,04375 |
| 28 | 0,0875 | LM71C | -16,1816 | 28-1 | 0,0875 |
| 28 | 0 | STLM71 | 16,3429 | 28-1 | 0 |
| 28 | 0,04375 | STLM71 | 15,7065 | 28-1 | 0,04375 |
| 28 | 0,0875 | STLM71 | 15,0701 | 28-1 | 0,0875 |
| 28 | 0 | AVVLM71 | 13,9287 | 28-1 | 0 |
| 28 | 0,04375 | AVVLM71 | 13,338 | 28-1 | 0,04375 |
| 28 | 0,0875 | AVVLM71 | 12,7474 | 28-1 | 0,0875 |
| 28 | 0 | SW2 | -12,6946 | 28-1 | 0 |
| 28 | 0,04375 | SW2 | -12,6913 | 28-1 | 0,04375 |
| 28 | 0,0875 | SW2 | -12,688 | 28-1 | 0,0875 |
| 28 | 0 | STSW2 | 12,8125 | 28-1 | 0 |
| 28 | 0,04375 | STSW2 | 12,3136 | 28-1 | 0,04375 |
| 28 | 0,0875 | STSW2 | 11,8147 | 28-1 | 0,0875 |
| 28 | 0 | FRENSW2 | 14,7773 | 28-1 | 0 |
| 28 | 0,04375 | FRENSW2 | 14,1506 | 28-1 | 0,04375 |
| 28 | 0,0875 | FRENSW2 | 13,524 | 28-1 | 0,0875 |
| 28 | 0 | SERP | 0 | 28-1 | 0 |
| 28 | 0,04375 | SERP | 0 | 28-1 | 0,04375 |
| 28 | 0,0875 | SERP | 0 | 28-1 | 0,0875 |
| 28 | 0 | INCRTER | 14,5777 | 28-1 | 0 |
| 28 | 0,04375 | INCRTER | 14,01 | 28-1 | 0,04375 |
| 28 | 0,0875 | INCRTER | 13,4424 | 28-1 | 0,0875 |
| 28 | 0 | LM71SISO | 5,2369 | 28-1 | 0 |
| 28 | 0,04375 | LM71SISO | 5,0148 | 28-1 | 0,04375 |
| 28 | 0,0875 | LM71SISO | 4,7927 | 28-1 | 0,0875 |
| 28 | 0 | SW2SISO | 4,0974 | 28-1 | 0 |
| 28 | 0,04375 | SW2SISO | 3,9236 | 28-1 | 0,04375 |
| 28 | 0,0875 | SW2SISO | 3,7499 | 28-1 | 0,0875 |
| 28 | 0 | SISMAO | 13,8837 | 28-1 | 0 |
| 28 | 0,04375 | SISMAO | 13,2087 | 28-1 | 0,04375 |
| 28 | 0,0875 | SISMAO | 12,5382 | 28-1 | 0,0875 |
| 28 | 0 | LM71SVA | 0,4817 | 28-1 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 28 | 0,04375 | LM71SVA | 0,4816 | 28-1 | 0,04375 |
| 28 | 0,0875 | LM71SVA | 0,4815 | 28-1 | 0,0875 |
| 28 | 0 | SW2SVA | 0,3793 | 28-1 | 0 |
| 28 | 0,04375 | SW2SVA | 0,3792 | 28-1 | 0,04375 |
| 28 | 0,0875 | SW2SVA | 0,3791 | 28-1 | 0,0875 |
| 28 | 0 | SISMAVA | 1,8182 | 28-1 | 0 |
| 28 | 0,04375 | SISMAVA | 1,8014 | 28-1 | 0,04375 |
| 28 | 0,0875 | SISMAVA | 1,7847 | 28-1 | 0,0875 |
| 28 | 0 | LM71SVB | -0,4817 | 28-1 | 0 |
| 28 | 0,04375 | LM71SVB | -0,4816 | 28-1 | 0,04375 |
| 28 | 0,0875 | LM71SVB | -0,4815 | 28-1 | 0,0875 |
| 28 | 0 | SW2SVB | -0,3793 | 28-1 | 0 |
| 28 | 0,04375 | SW2SVB | -0,3792 | 28-1 | 0,04375 |
| 28 | 0,0875 | SW2SVB | -0,3791 | 28-1 | 0,0875 |
| 28 | 0 | SISMAVB | -1,8182 | 28-1 | 0 |
| 28 | 0,04375 | SISMAVB | -1,8014 | 28-1 | 0,04375 |
| 28 | 0,0875 | SISMAVB | -1,7847 | 28-1 | 0,0875 |
| 29 | 0 | PP | 6,5895 | 29-1 | 0 |
| 29 | 0,25 | PP | 5,9539 | 29-1 | 0,25 |
| 29 | 0,5 | PP | 5,3183 | 29-1 | 0,5 |
| 29 | 0 | REINTSUP | 1,6747 | 29-1 | 0 |
| 29 | 0,25 | REINTSUP | 1,6722 | 29-1 | 0,25 |
| 29 | 0,5 | REINTSUP | 1,6697 | 29-1 | 0,5 |
| 29 | 0 | BALLAST | 3,7215 | 29-1 | 0 |
| 29 | 0,25 | BALLAST | 3,716 | 29-1 | 0,25 |
| 29 | 0,5 | BALLAST | 3,7104 | 29-1 | 0,5 |
| 29 | 0 | STERRASX | 11,1928 | 29-1 | 0 |
| 29 | 0,25 | STERRASX | 3,696 | 29-1 | 0,25 |
| 29 | 0,5 | STERRASX | -2,095 | 29-1 | 0,5 |
| 29 | 0 | STERRADX | -10,8015 | 29-1 | 0 |
| 29 | 0,25 | STERRADX | -8,2395 | 29-1 | 0,25 |
| 29 | 0,5 | STERRADX | -5,6776 | 29-1 | 0,5 |
| 29 | 0 | TERMP | -1,5101 | 29-1 | 0 |
| 29 | 0,25 | TERMP | -1,1299 | 29-1 | 0,25 |
| 29 | 0,5 | TERMP | -0,7496 | 29-1 | 0,5 |
| 29 | 0 | TERMN | 4,5303 | 29-1 | 0 |
| 29 | 0,25 | TERMN | 3,3896 | 29-1 | 0,25 |
| 29 | 0,5 | TERMN | 2,2489 | 29-1 | 0,5 |
| 29 | 0 | GRADTP | 1,0032 | 29-1 | 0 |
| 29 | 0,25 | GRADTP | -0,2815 | 29-1 | 0,25 |
| 29 | 0,5 | GRADTP | -1,5662 | 29-1 | 0,5 |
| 29 | 0 | GRADTN | -1,0032 | 29-1 | 0 |
| 29 | 0,25 | GRADTN | 0,2815 | 29-1 | 0,25 |
| 29 | 0,5 | GRADTN | 1,5662 | 29-1 | 0,5 |
| 29 | 0 | LM71C | 16,1816 | 29-1 | 0 |
| 29 | 0,25 | LM71C | 16,1576 | 29-1 | 0,25 |
| 29 | 0,5 | LM71C | 16,1335 | 29-1 | 0,5 |
| 29 | 0 | STLM71 | 15,9746 | 29-1 | 0 |
| 29 | 0,25 | STLM71 | 6,942 | 29-1 | 0,25 |
| 29 | 0,5 | STLM71 | -0,5457 | 29-1 | 0,5 |
| 29 | 0 | AVVLM71 | 12,7474 | 29-1 | 0 |
| 29 | 0,25 | AVVLM71 | 9,3722 | 29-1 | 0,25 |
| 29 | 0,5 | AVVLM71 | 5,997 | 29-1 | 0,5 |
| 29 | 0 | SW2 | 12,688 | 29-1 | 0 |
| 29 | 0,25 | SW2 | 12,6692 | 29-1 | 0,25 |
| 29 | 0,5 | SW2 | 12,6503 | 29-1 | 0,5 |
| 29 | 0 | STSW2 | 12,5238 | 29-1 | 0 |
| 29 | 0,25 | STSW2 | 5,4424 | 29-1 | 0,25 |
| 29 | 0,5 | STSW2 | -0,4278 | 29-1 | 0,5 |
| 29 | 0 | FRENSW2 | 13,524 | 29-1 | 0 |
| 29 | 0,25 | FRENSW2 | 9,9432 | 29-1 | 0,25 |
| 29 | 0,5 | FRENSW2 | 6,3624 | 29-1 | 0,5 |
| 29 | 0 | SERP | 0 | 29-1 | 0 |
| 29 | 0,25 | SERP | 0 | 29-1 | 0,25 |
| 29 | 0,5 | SERP | 0 | 29-1 | 0,5 |
| 29 | 0 | INCRTER | 14,2492 | 29-1 | 0 |
| 29 | 0,25 | INCRTER | 6,1922 | 29-1 | 0,25 |
| 29 | 0,5 | INCRTER | -0,4867 | 29-1 | 0,5 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 29 | 0 | LM71SISO | 4,7927 | 29-1 | 0 |
| 29 | 0,25 | LM71SISO | 3,5237 | 29-1 | 0,25 |
| 29 | 0,5 | LM71SISO | 2,2547 | 29-1 | 0,5 |
| 29 | 0 | SW2SISO | 3,7499 | 29-1 | 0 |
| 29 | 0,25 | SW2SISO | 2,757 | 29-1 | 0,25 |
| 29 | 0,5 | SW2SISO | 1,7641 | 29-1 | 0,5 |
| 29 | 0 | SISMAO | 12,5382 | 29-1 | 0 |
| 29 | 0,25 | SISMAO | 8,7937 | 29-1 | 0,25 |
| 29 | 0,5 | SISMAO | 5,1966 | 29-1 | 0,5 |
| 29 | 0 | LM71SVA | -0,4815 | 29-1 | 0 |
| 29 | 0,25 | LM71SVA | -0,4808 | 29-1 | 0,25 |
| 29 | 0,5 | LM71SVA | -0,48 | 29-1 | 0,5 |
| 29 | 0 | SW2SVA | -0,3791 | 29-1 | 0 |
| 29 | 0,25 | SW2SVA | -0,3786 | 29-1 | 0,25 |
| 29 | 0,5 | SW2SVA | -0,378 | 29-1 | 0,5 |
| 29 | 0 | SISMAVA | -1,7847 | 29-1 | 0 |
| 29 | 0,25 | SISMAVA | -1,6889 | 29-1 | 0,25 |
| 29 | 0,5 | SISMAVA | -1,5932 | 29-1 | 0,5 |
| 29 | 0 | LM71SVB | 0,4815 | 29-1 | 0 |
| 29 | 0,25 | LM71SVB | 0,4808 | 29-1 | 0,25 |
| 29 | 0,5 | LM71SVB | 0,48 | 29-1 | 0,5 |
| 29 | 0 | SW2SVB | 0,3791 | 29-1 | 0 |
| 29 | 0,25 | SW2SVB | 0,3786 | 29-1 | 0,25 |
| 29 | 0,5 | SW2SVB | 0,378 | 29-1 | 0,5 |
| 29 | 0 | SISMAVB | 1,7847 | 29-1 | 0 |
| 29 | 0,25 | SISMAVB | 1,6889 | 29-1 | 0,25 |
| 29 | 0,5 | SISMAVB | 1,5932 | 29-1 | 0,5 |
| 30 | 0 | PP | -6,5895 | 30-1 | 0 |
| 30 | 0,25 | PP | -5,9539 | 30-1 | 0,25 |
| 30 | 0,5 | PP | -5,3183 | 30-1 | 0,5 |
| 30 | 0 | REINTSUP | -1,6747 | 30-1 | 0 |
| 30 | 0,25 | REINTSUP | -1,6722 | 30-1 | 0,25 |
| 30 | 0,5 | REINTSUP | -1,6697 | 30-1 | 0,5 |
| 30 | 0 | BALLAST | -3,7215 | 30-1 | 0 |
| 30 | 0,25 | BALLAST | -3,716 | 30-1 | 0,25 |
| 30 | 0,5 | BALLAST | -3,7104 | 30-1 | 0,5 |
| 30 | 0 | STERRASX | 10,8015 | 30-1 | 0 |
| 30 | 0,25 | STERRASX | 8,2395 | 30-1 | 0,25 |
| 30 | 0,5 | STERRASX | 5,6776 | 30-1 | 0,5 |
| 30 | 0 | STERRADX | -11,1928 | 30-1 | 0 |
| 30 | 0,25 | STERRADX | -3,696 | 30-1 | 0,25 |
| 30 | 0,5 | STERRADX | 2,095 | 30-1 | 0,5 |
| 30 | 0 | TERMP | 1,5101 | 30-1 | 0 |
| 30 | 0,25 | TERMP | 1,1299 | 30-1 | 0,25 |
| 30 | 0,5 | TERMP | 0,7496 | 30-1 | 0,5 |
| 30 | 0 | TERMN | -4,5303 | 30-1 | 0 |
| 30 | 0,25 | TERMN | -3,3896 | 30-1 | 0,25 |
| 30 | 0,5 | TERMN | -2,2489 | 30-1 | 0,5 |
| 30 | 0 | GRADTP | -1,0032 | 30-1 | 0 |
| 30 | 0,25 | GRADTP | 0,2815 | 30-1 | 0,25 |
| 30 | 0,5 | GRADTP | 1,5662 | 30-1 | 0,5 |
| 30 | 0 | GRADTN | 1,0032 | 30-1 | 0 |
| 30 | 0,25 | GRADTN | -0,2815 | 30-1 | 0,25 |
| 30 | 0,5 | GRADTN | -1,5662 | 30-1 | 0,5 |
| 30 | 0 | LM71C | -16,1816 | 30-1 | 0 |
| 30 | 0,25 | LM71C | -16,1576 | 30-1 | 0,25 |
| 30 | 0,5 | LM71C | -16,1335 | 30-1 | 0,5 |
| 30 | 0 | STLM71 | 15,0701 | 30-1 | 0 |
| 30 | 0,25 | STLM71 | 11,4338 | 30-1 | 0,25 |
| 30 | 0,5 | STLM71 | 7,7974 | 30-1 | 0,5 |
| 30 | 0 | AVVLM71 | 12,7474 | 30-1 | 0 |
| 30 | 0,25 | AVVLM71 | 9,3722 | 30-1 | 0,25 |
| 30 | 0,5 | AVVLM71 | 5,997 | 30-1 | 0,5 |
| 30 | 0 | SW2 | -12,688 | 30-1 | 0 |
| 30 | 0,25 | SW2 | -12,6692 | 30-1 | 0,25 |
| 30 | 0,5 | SW2 | -12,6503 | 30-1 | 0,5 |
| 30 | 0 | STSW2 | 11,8147 | 30-1 | 0 |
| 30 | 0,25 | STSW2 | 8,9638 | 30-1 | 0,25 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 30 | 0,5 | STSW2 | 6,113 | 30-1 | 0,5 |
| 30 | 0 | FRENSW2 | 13,524 | 30-1 | 0 |
| 30 | 0,25 | FRENSW2 | 9,9432 | 30-1 | 0,25 |
| 30 | 0,5 | FRENSW2 | 6,3624 | 30-1 | 0,5 |
| 30 | 0 | SERP | 0 | 30-1 | 0 |
| 30 | 0,25 | SERP | 0 | 30-1 | 0,25 |
| 30 | 0,5 | SERP | 0 | 30-1 | 0,5 |
| 30 | 0 | INCRTER | 13,4424 | 30-1 | 0 |
| 30 | 0,25 | INCRTER | 10,1988 | 30-1 | 0,25 |
| 30 | 0,5 | INCRTER | 6,9552 | 30-1 | 0,5 |
| 30 | 0 | LM71SISO | 4,7927 | 30-1 | 0 |
| 30 | 0,25 | LM71SISO | 3,5237 | 30-1 | 0,25 |
| 30 | 0,5 | LM71SISO | 2,2547 | 30-1 | 0,5 |
| 30 | 0 | SW2SISO | 3,7499 | 30-1 | 0 |
| 30 | 0,25 | SW2SISO | 2,757 | 30-1 | 0,25 |
| 30 | 0,5 | SW2SISO | 1,7641 | 30-1 | 0,5 |
| 30 | 0 | SISMAO | 12,5382 | 30-1 | 0 |
| 30 | 0,25 | SISMAO | 8,7937 | 30-1 | 0,25 |
| 30 | 0,5 | SISMAO | 5,1966 | 30-1 | 0,5 |
| 30 | 0 | LM71SVA | 0,4815 | 30-1 | 0 |
| 30 | 0,25 | LM71SVA | 0,4808 | 30-1 | 0,25 |
| 30 | 0,5 | LM71SVA | 0,48 | 30-1 | 0,5 |
| 30 | 0 | SW2SVA | 0,3791 | 30-1 | 0 |
| 30 | 0,25 | SW2SVA | 0,3786 | 30-1 | 0,25 |
| 30 | 0,5 | SW2SVA | 0,378 | 30-1 | 0,5 |
| 30 | 0 | SISMAVA | 1,7847 | 30-1 | 0 |
| 30 | 0,25 | SISMAVA | 1,6889 | 30-1 | 0,25 |
| 30 | 0,5 | SISMAVA | 1,5932 | 30-1 | 0,5 |
| 30 | 0 | LM71SVB | -0,4815 | 30-1 | 0 |
| 30 | 0,25 | LM71SVB | -0,4808 | 30-1 | 0,25 |
| 30 | 0,5 | LM71SVB | -0,48 | 30-1 | 0,5 |
| 30 | 0 | SW2SVB | -0,3791 | 30-1 | 0 |
| 30 | 0,25 | SW2SVB | -0,3786 | 30-1 | 0,25 |
| 30 | 0,5 | SW2SVB | -0,378 | 30-1 | 0,5 |
| 30 | 0 | SISMAVB | -1,7847 | 30-1 | 0 |
| 30 | 0,25 | SISMAVB | -1,6889 | 30-1 | 0,25 |
| 30 | 0,5 | SISMAVB | -1,5932 | 30-1 | 0,5 |
| 31 | 0 | PP | 5,3183 | 31-1 | 0 |
| 31 | 0,25 | PP | 4,6828 | 31-1 | 0,25 |
| 31 | 0,5 | PP | 4,0472 | 31-1 | 0,5 |
| 31 | 0 | REINTSUP | 1,6697 | 31-1 | 0 |
| 31 | 0,25 | REINTSUP | 1,6672 | 31-1 | 0,25 |
| 31 | 0,5 | REINTSUP | 1,6647 | 31-1 | 0,5 |
| 31 | 0 | BALLAST | 3,7104 | 31-1 | 0 |
| 31 | 0,25 | BALLAST | 3,7049 | 31-1 | 0,25 |
| 31 | 0,5 | BALLAST | 3,6994 | 31-1 | 0,5 |
| 31 | 0 | STERRASX | -2,095 | 31-1 | 0 |
| 31 | 0,25 | STERRASX | -6,3135 | 31-1 | 0,25 |
| 31 | 0,5 | STERRASX | -9,0927 | 31-1 | 0,5 |
| 31 | 0 | STERRADX | -5,6776 | 31-1 | 0 |
| 31 | 0,25 | STERRADX | -3,1156 | 31-1 | 0,25 |
| 31 | 0,5 | STERRADX | -0,5536 | 31-1 | 0,5 |
| 31 | 0 | TERMP | -0,7496 | 31-1 | 0 |
| 31 | 0,25 | TERMP | -0,3694 | 31-1 | 0,25 |
| 31 | 0,5 | TERMP | 0,0109 | 31-1 | 0,5 |
| 31 | 0 | TERMN | 2,2489 | 31-1 | 0 |
| 31 | 0,25 | TERMN | 1,1081 | 31-1 | 0,25 |
| 31 | 0,5 | TERMN | -0,0326 | 31-1 | 0,5 |
| 31 | 0 | GRADTP | -1,5662 | 31-1 | 0 |
| 31 | 0,25 | GRADTP | -2,8508 | 31-1 | 0,25 |
| 31 | 0,5 | GRADTP | -4,1355 | 31-1 | 0,5 |
| 31 | 0 | GRADTN | 1,5662 | 31-1 | 0 |
| 31 | 0,25 | GRADTN | 2,8508 | 31-1 | 0,25 |
| 31 | 0,5 | GRADTN | 4,1355 | 31-1 | 0,5 |
| 31 | 0 | LM71C | 16,1335 | 31-1 | 0 |
| 31 | 0,25 | LM71C | 16,1094 | 31-1 | 0,25 |
| 31 | 0,5 | LM71C | 16,0854 | 31-1 | 0,5 |
| 31 | 0 | STLM71 | -0,5457 | 31-1 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 31 | 0,25 | STLM71 | -6,4883 | 31-1 | 0,25 |
| 31 | 0,5 | STLM71 | -10,8859 | 31-1 | 0,5 |
| 31 | 0 | AVVLM71 | 5,997 | 31-1 | 0 |
| 31 | 0,25 | AVVLM71 | 2,6218 | 31-1 | 0,25 |
| 31 | 0,5 | AVVLM71 | -0,7534 | 31-1 | 0,5 |
| 31 | 0 | SW2 | 12,6503 | 31-1 | 0 |
| 31 | 0,25 | SW2 | 12,6314 | 31-1 | 0,25 |
| 31 | 0,5 | SW2 | 12,6126 | 31-1 | 0,5 |
| 31 | 0 | STSW2 | -0,4278 | 31-1 | 0 |
| 31 | 0,25 | STSW2 | -5,0867 | 31-1 | 0,25 |
| 31 | 0,5 | STSW2 | -8,5344 | 31-1 | 0,5 |
| 31 | 0 | FRENSW2 | 6,3624 | 31-1 | 0 |
| 31 | 0,25 | FRENSW2 | 2,7815 | 31-1 | 0,25 |
| 31 | 0,5 | FRENSW2 | -0,7993 | 31-1 | 0,5 |
| 31 | 0 | SERP | 0 | 31-1 | 0 |
| 31 | 0,25 | SERP | 0 | 31-1 | 0,25 |
| 31 | 0,5 | SERP | 0 | 31-1 | 0,5 |
| 31 | 0 | INCRTER | -0,4867 | 31-1 | 0 |
| 31 | 0,25 | INCRTER | -5,7875 | 31-1 | 0,25 |
| 31 | 0,5 | INCRTER | -9,7102 | 31-1 | 0,5 |
| 31 | 0 | LM71SISO | 2,2547 | 31-1 | 0 |
| 31 | 0,25 | LM71SISO | 0,9857 | 31-1 | 0,25 |
| 31 | 0,5 | LM71SISO | -0,2833 | 31-1 | 0,5 |
| 31 | 0 | SW2SISO | 1,7641 | 31-1 | 0 |
| 31 | 0,25 | SW2SISO | 0,7713 | 31-1 | 0,25 |
| 31 | 0,5 | SW2SISO | -0,2216 | 31-1 | 0,5 |
| 31 | 0 | SISMAO | 5,1966 | 31-1 | 0 |
| 31 | 0,25 | SISMAO | 1,747 | 31-1 | 0,25 |
| 31 | 0,5 | SISMAO | -1,555 | 31-1 | 0,5 |
| 31 | 0 | LM71SVA | -0,48 | 31-1 | 0 |
| 31 | 0,25 | LM71SVA | -0,4793 | 31-1 | 0,25 |
| 31 | 0,5 | LM71SVA | -0,4786 | 31-1 | 0,5 |
| 31 | 0 | SW2SVA | -0,378 | 31-1 | 0 |
| 31 | 0,25 | SW2SVA | -0,3774 | 31-1 | 0,25 |
| 31 | 0,5 | SW2SVA | -0,3769 | 31-1 | 0,5 |
| 31 | 0 | SISMAVA | -1,5932 | 31-1 | 0 |
| 31 | 0,25 | SISMAVA | -1,4975 | 31-1 | 0,25 |
| 31 | 0,5 | SISMAVA | -1,4017 | 31-1 | 0,5 |
| 31 | 0 | LM71SVB | 0,48 | 31-1 | 0 |
| 31 | 0,25 | LM71SVB | 0,4793 | 31-1 | 0,25 |
| 31 | 0,5 | LM71SVB | 0,4786 | 31-1 | 0,5 |
| 31 | 0 | SW2SVB | 0,378 | 31-1 | 0 |
| 31 | 0,25 | SW2SVB | 0,3774 | 31-1 | 0,25 |
| 31 | 0,5 | SW2SVB | 0,3769 | 31-1 | 0,5 |
| 31 | 0 | SISMAVB | 1,5932 | 31-1 | 0 |
| 31 | 0,25 | SISMAVB | 1,4975 | 31-1 | 0,25 |
| 31 | 0,5 | SISMAVB | 1,4017 | 31-1 | 0,5 |
| 32 | 0 | PP | -5,3183 | 32-1 | 0 |
| 32 | 0,25 | PP | -4,6828 | 32-1 | 0,25 |
| 32 | 0,5 | PP | -4,0472 | 32-1 | 0,5 |
| 32 | 0 | REINTSUP | -1,6697 | 32-1 | 0 |
| 32 | 0,25 | REINTSUP | -1,6672 | 32-1 | 0,25 |
| 32 | 0,5 | REINTSUP | -1,6647 | 32-1 | 0,5 |
| 32 | 0 | BALLAST | -3,7104 | 32-1 | 0 |
| 32 | 0,25 | BALLAST | -3,7049 | 32-1 | 0,25 |
| 32 | 0,5 | BALLAST | -3,6994 | 32-1 | 0,5 |
| 32 | 0 | STERRASX | 5,6776 | 32-1 | 0 |
| 32 | 0,25 | STERRASX | 3,1156 | 32-1 | 0,25 |
| 32 | 0,5 | STERRASX | 0,5536 | 32-1 | 0,5 |
| 32 | 0 | STERRADX | 2,095 | 32-1 | 0 |
| 32 | 0,25 | STERRADX | 6,3135 | 32-1 | 0,25 |
| 32 | 0,5 | STERRADX | 9,0927 | 32-1 | 0,5 |
| 32 | 0 | TERMP | 0,7496 | 32-1 | 0 |
| 32 | 0,25 | TERMP | 0,3694 | 32-1 | 0,25 |
| 32 | 0,5 | TERMP | -0,0109 | 32-1 | 0,5 |
| 32 | 0 | TERMN | -2,2489 | 32-1 | 0 |
| 32 | 0,25 | TERMN | -1,1081 | 32-1 | 0,25 |
| 32 | 0,5 | TERMN | 0,0326 | 32-1 | 0,5 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station | OutputCase | M3 | FrameElem | ElemStation |
|-------|---------|------------|----------|-----------|-------------|
| | m | | KN-m | | m |
| 32 | 0 | GRADTP | 1,5662 | 32-1 | 0 |
| 32 | 0,25 | GRADTP | 2,8508 | 32-1 | 0,25 |
| 32 | 0,5 | GRADTP | 4,1355 | 32-1 | 0,5 |
| 32 | 0 | GRADTN | -1,5662 | 32-1 | 0 |
| 32 | 0,25 | GRADTN | -2,8508 | 32-1 | 0,25 |
| 32 | 0,5 | GRADTN | -4,1355 | 32-1 | 0,5 |
| 32 | 0 | LM71C | -16,1335 | 32-1 | 0 |
| 32 | 0,25 | LM71C | -16,1094 | 32-1 | 0,25 |
| 32 | 0,5 | LM71C | -16,0854 | 32-1 | 0,5 |
| 32 | 0 | STLM71 | 7,7974 | 32-1 | 0 |
| 32 | 0,25 | STLM71 | 4,161 | 32-1 | 0,25 |
| 32 | 0,5 | STLM71 | 0,5247 | 32-1 | 0,5 |
| 32 | 0 | AVVLM71 | 5,997 | 32-1 | 0 |
| 32 | 0,25 | AVVLM71 | 2,6218 | 32-1 | 0,25 |
| 32 | 0,5 | AVVLM71 | -0,7534 | 32-1 | 0,5 |
| 32 | 0 | SW2 | -12,6503 | 32-1 | 0 |
| 32 | 0,25 | SW2 | -12,6314 | 32-1 | 0,25 |
| 32 | 0,5 | SW2 | -12,6126 | 32-1 | 0,5 |
| 32 | 0 | STSW2 | 6,113 | 32-1 | 0 |
| 32 | 0,25 | STSW2 | 3,2622 | 32-1 | 0,25 |
| 32 | 0,5 | STSW2 | 0,4113 | 32-1 | 0,5 |
| 32 | 0 | FRENSW2 | 6,3624 | 32-1 | 0 |
| 32 | 0,25 | FRENSW2 | 2,7815 | 32-1 | 0,25 |
| 32 | 0,5 | FRENSW2 | -0,7993 | 32-1 | 0,5 |
| 32 | 0 | SERP | 0 | 32-1 | 0 |
| 32 | 0,25 | SERP | 0 | 32-1 | 0,25 |
| 32 | 0,5 | SERP | 0 | 32-1 | 0,5 |
| 32 | 0 | INCRTER | 6,9552 | 32-1 | 0 |
| 32 | 0,25 | INCRTER | 3,7116 | 32-1 | 0,25 |
| 32 | 0,5 | INCRTER | 0,468 | 32-1 | 0,5 |
| 32 | 0 | LM71SISO | 2,2547 | 32-1 | 0 |
| 32 | 0,25 | LM71SISO | 0,9857 | 32-1 | 0,25 |
| 32 | 0,5 | LM71SISO | -0,2833 | 32-1 | 0,5 |
| 32 | 0 | SW2SISO | 1,7641 | 32-1 | 0 |
| 32 | 0,25 | SW2SISO | 0,7713 | 32-1 | 0,25 |
| 32 | 0,5 | SW2SISO | -0,2216 | 32-1 | 0,5 |
| 32 | 0 | SISMAO | 5,1966 | 32-1 | 0 |
| 32 | 0,25 | SISMAO | 1,747 | 32-1 | 0,25 |
| 32 | 0,5 | SISMAO | -1,555 | 32-1 | 0,5 |
| 32 | 0 | LM71SVA | 0,48 | 32-1 | 0 |
| 32 | 0,25 | LM71SVA | 0,4793 | 32-1 | 0,25 |
| 32 | 0,5 | LM71SVA | 0,4786 | 32-1 | 0,5 |
| 32 | 0 | SW2SVA | 0,378 | 32-1 | 0 |
| 32 | 0,25 | SW2SVA | 0,3774 | 32-1 | 0,25 |
| 32 | 0,5 | SW2SVA | 0,3769 | 32-1 | 0,5 |
| 32 | 0 | SISMAVA | 1,5932 | 32-1 | 0 |
| 32 | 0,25 | SISMAVA | 1,4975 | 32-1 | 0,25 |
| 32 | 0,5 | SISMAVA | 1,4017 | 32-1 | 0,5 |
| 32 | 0 | LM71SVB | -0,48 | 32-1 | 0 |
| 32 | 0,25 | LM71SVB | -0,4793 | 32-1 | 0,25 |
| 32 | 0,5 | LM71SVB | -0,4786 | 32-1 | 0,5 |
| 32 | 0 | SW2SVB | -0,378 | 32-1 | 0 |
| 32 | 0,25 | SW2SVB | -0,3774 | 32-1 | 0,25 |
| 32 | 0,5 | SW2SVB | -0,3769 | 32-1 | 0,5 |
| 32 | 0 | SISMAVB | -1,5932 | 32-1 | 0 |
| 32 | 0,25 | SISMAVB | -1,4975 | 32-1 | 0,25 |
| 32 | 0,5 | SISMAVB | -1,4017 | 32-1 | 0,5 |
| 33 | 0 | PP | 4,0472 | 33-1 | 0 |
| 33 | 0,25 | PP | 3,4117 | 33-1 | 0,25 |
| 33 | 0,5 | PP | 2,7761 | 33-1 | 0,5 |
| 33 | 0 | REINTSUP | 1,6647 | 33-1 | 0 |
| 33 | 0,25 | REINTSUP | 1,6622 | 33-1 | 0,25 |
| 33 | 0,5 | REINTSUP | 1,6597 | 33-1 | 0,5 |
| 33 | 0 | BALLAST | 3,6994 | 33-1 | 0 |
| 33 | 0,25 | BALLAST | 3,6938 | 33-1 | 0,25 |
| 33 | 0,5 | BALLAST | 3,6883 | 33-1 | 0,5 |
| 33 | 0 | STERRASX | -9,0927 | 33-1 | 0 |
| 33 | 0,25 | STERRASX | -10,5661 | 33-1 | 0,25 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 33 | 0,5 | STERRASX | -10,8667 | 33-1 | 0,5 |
| 33 | 0 | STERRADX | -0,5536 | 33-1 | 0 |
| 33 | 0,25 | STERRADX | 2,0084 | 33-1 | 0,25 |
| 33 | 0,5 | STERRADX | 4,5703 | 33-1 | 0,5 |
| 33 | 0 | TERMP | 0,0109 | 33-1 | 0 |
| 33 | 0,25 | TERMP | 0,3911 | 33-1 | 0,25 |
| 33 | 0,5 | TERMP | 0,7714 | 33-1 | 0,5 |
| 33 | 0 | TERMN | -0,0326 | 33-1 | 0 |
| 33 | 0,25 | TERMN | -1,1733 | 33-1 | 0,25 |
| 33 | 0,5 | TERMN | -2,3141 | 33-1 | 0,5 |
| 33 | 0 | GRADTP | -4,1355 | 33-1 | 0 |
| 33 | 0,25 | GRADTP | -5,4202 | 33-1 | 0,25 |
| 33 | 0,5 | GRADTP | -6,7049 | 33-1 | 0,5 |
| 33 | 0 | GRADTN | 4,1355 | 33-1 | 0 |
| 33 | 0,25 | GRADTN | 5,4202 | 33-1 | 0,25 |
| 33 | 0,5 | GRADTN | 6,7049 | 33-1 | 0,5 |
| 33 | 0 | LM71C | 16,0854 | 33-1 | 0 |
| 33 | 0,25 | LM71C | 16,0613 | 33-1 | 0,25 |
| 33 | 0,5 | LM71C | 16,0372 | 33-1 | 0,5 |
| 33 | 0 | STLM71 | -10,8859 | 33-1 | 0 |
| 33 | 0,25 | STLM71 | -13,7386 | 33-1 | 0,25 |
| 33 | 0,5 | STLM71 | -15,0462 | 33-1 | 0,5 |
| 33 | 0 | AVVLM71 | -0,7534 | 33-1 | 0 |
| 33 | 0,25 | AVVLM71 | -4,1286 | 33-1 | 0,25 |
| 33 | 0,5 | AVVLM71 | -7,5037 | 33-1 | 0,5 |
| 33 | 0 | SW2 | 12,6126 | 33-1 | 0 |
| 33 | 0,25 | SW2 | 12,5937 | 33-1 | 0,25 |
| 33 | 0,5 | SW2 | 12,5748 | 33-1 | 0,5 |
| 33 | 0 | STSW2 | -8,5344 | 33-1 | 0 |
| 33 | 0,25 | STSW2 | -10,7708 | 33-1 | 0,25 |
| 33 | 0,5 | STSW2 | -11,7959 | 33-1 | 0,5 |
| 33 | 0 | FRENSW2 | -0,7993 | 33-1 | 0 |
| 33 | 0,25 | FRENSW2 | -4,3801 | 33-1 | 0,25 |
| 33 | 0,5 | FRENSW2 | -7,9609 | 33-1 | 0,5 |
| 33 | 0 | SERP | 0 | 33-1 | 0 |
| 33 | 0,25 | SERP | 0 | 33-1 | 0,25 |
| 33 | 0,5 | SERP | 0 | 33-1 | 0,5 |
| 33 | 0 | INCRTER | -9,7102 | 33-1 | 0 |
| 33 | 0,25 | INCRTER | -12,2547 | 33-1 | 0,25 |
| 33 | 0,5 | INCRTER | -13,4211 | 33-1 | 0,5 |
| 33 | 0 | LM71SISO | -0,2833 | 33-1 | 0 |
| 33 | 0,25 | LM71SISO | -1,5523 | 33-1 | 0,25 |
| 33 | 0,5 | LM71SISO | -2,8213 | 33-1 | 0,5 |
| 33 | 0 | SW2SISO | -0,2216 | 33-1 | 0 |
| 33 | 0,25 | SW2SISO | -1,2145 | 33-1 | 0,25 |
| 33 | 0,5 | SW2SISO | -2,2074 | 33-1 | 0,5 |
| 33 | 0 | SISMAO | -1,555 | 33-1 | 0 |
| 33 | 0,25 | SISMAO | -4,7096 | 33-1 | 0,25 |
| 33 | 0,5 | SISMAO | -7,7167 | 33-1 | 0,5 |
| 33 | 0 | LM71SVA | -0,4786 | 33-1 | 0 |
| 33 | 0,25 | LM71SVA | -0,4779 | 33-1 | 0,25 |
| 33 | 0,5 | LM71SVA | -0,4772 | 33-1 | 0,5 |
| 33 | 0 | SW2SVA | -0,3769 | 33-1 | 0 |
| 33 | 0,25 | SW2SVA | -0,3763 | 33-1 | 0,25 |
| 33 | 0,5 | SW2SVA | -0,3757 | 33-1 | 0,5 |
| 33 | 0 | SISMAVA | -1,4017 | 33-1 | 0 |
| 33 | 0,25 | SISMAVA | -1,306 | 33-1 | 0,25 |
| 33 | 0,5 | SISMAVA | -1,2103 | 33-1 | 0,5 |
| 33 | 0 | LM71SVB | 0,4786 | 33-1 | 0 |
| 33 | 0,25 | LM71SVB | 0,4779 | 33-1 | 0,25 |
| 33 | 0,5 | LM71SVB | 0,4772 | 33-1 | 0,5 |
| 33 | 0 | SW2SVB | 0,3769 | 33-1 | 0 |
| 33 | 0,25 | SW2SVB | 0,3763 | 33-1 | 0,25 |
| 33 | 0,5 | SW2SVB | 0,3757 | 33-1 | 0,5 |
| 33 | 0 | SISMAVB | 1,4017 | 33-1 | 0 |
| 33 | 0,25 | SISMAVB | 1,306 | 33-1 | 0,25 |
| 33 | 0,5 | SISMAVB | 1,2103 | 33-1 | 0,5 |
| 34 | 0 | PP | -4,0472 | 34-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 34 | 0,25 | PP | -3,4117 | 34-1 | 0,25 |
| 34 | 0,5 | PP | -2,7761 | 34-1 | 0,5 |
| 34 | 0 | REINTSUP | -1,6647 | 34-1 | 0 |
| 34 | 0,25 | REINTSUP | -1,6622 | 34-1 | 0,25 |
| 34 | 0,5 | REINTSUP | -1,6597 | 34-1 | 0,5 |
| 34 | 0 | BALLAST | -3,6994 | 34-1 | 0 |
| 34 | 0,25 | BALLAST | -3,6938 | 34-1 | 0,25 |
| 34 | 0,5 | BALLAST | -3,6883 | 34-1 | 0,5 |
| 34 | 0 | STERRASX | 0,5536 | 34-1 | 0 |
| 34 | 0,25 | STERRASX | -2,0084 | 34-1 | 0,25 |
| 34 | 0,5 | STERRASX | -4,5703 | 34-1 | 0,5 |
| 34 | 0 | STERRADX | 9,0927 | 34-1 | 0 |
| 34 | 0,25 | STERRADX | 10,5661 | 34-1 | 0,25 |
| 34 | 0,5 | STERRADX | 10,8667 | 34-1 | 0,5 |
| 34 | 0 | TERMP | -0,0109 | 34-1 | 0 |
| 34 | 0,25 | TERMP | -0,3911 | 34-1 | 0,25 |
| 34 | 0,5 | TERMP | -0,7714 | 34-1 | 0,5 |
| 34 | 0 | TERMN | 0,0326 | 34-1 | 0 |
| 34 | 0,25 | TERMN | 1,1733 | 34-1 | 0,25 |
| 34 | 0,5 | TERMN | 2,3141 | 34-1 | 0,5 |
| 34 | 0 | GRADTP | 4,1355 | 34-1 | 0 |
| 34 | 0,25 | GRADTP | 5,4202 | 34-1 | 0,25 |
| 34 | 0,5 | GRADTP | 6,7049 | 34-1 | 0,5 |
| 34 | 0 | GRADTN | -4,1355 | 34-1 | 0 |
| 34 | 0,25 | GRADTN | -5,4202 | 34-1 | 0,25 |
| 34 | 0,5 | GRADTN | -6,7049 | 34-1 | 0,5 |
| 34 | 0 | LM71C | -16,0854 | 34-1 | 0 |
| 34 | 0,25 | LM71C | -16,0613 | 34-1 | 0,25 |
| 34 | 0,5 | LM71C | -16,0372 | 34-1 | 0,5 |
| 34 | 0 | STLM71 | 0,5247 | 34-1 | 0 |
| 34 | 0,25 | STLM71 | -3,1117 | 34-1 | 0,25 |
| 34 | 0,5 | STLM71 | -6,7481 | 34-1 | 0,5 |
| 34 | 0 | AVVLM71 | -0,7534 | 34-1 | 0 |
| 34 | 0,25 | AVVLM71 | -4,1286 | 34-1 | 0,25 |
| 34 | 0,5 | AVVLM71 | -7,5037 | 34-1 | 0,5 |
| 34 | 0 | SW2 | -12,6126 | 34-1 | 0 |
| 34 | 0,25 | SW2 | -12,5937 | 34-1 | 0,25 |
| 34 | 0,5 | SW2 | -12,5748 | 34-1 | 0,5 |
| 34 | 0 | STSW2 | 0,4113 | 34-1 | 0 |
| 34 | 0,25 | STSW2 | -2,4395 | 34-1 | 0,25 |
| 34 | 0,5 | STSW2 | -5,2903 | 34-1 | 0,5 |
| 34 | 0 | FRENSW2 | -0,7993 | 34-1 | 0 |
| 34 | 0,25 | FRENSW2 | -4,3801 | 34-1 | 0,25 |
| 34 | 0,5 | FRENSW2 | -7,9609 | 34-1 | 0,5 |
| 34 | 0 | SERP | 0 | 34-1 | 0 |
| 34 | 0,25 | SERP | 0 | 34-1 | 0,25 |
| 34 | 0,5 | SERP | 0 | 34-1 | 0,5 |
| 34 | 0 | INCRTER | 0,468 | 34-1 | 0 |
| 34 | 0,25 | INCRTER | -2,7756 | 34-1 | 0,25 |
| 34 | 0,5 | INCRTER | -6,0192 | 34-1 | 0,5 |
| 34 | 0 | LM71SISO | -0,2833 | 34-1 | 0 |
| 34 | 0,25 | LM71SISO | -1,5523 | 34-1 | 0,25 |
| 34 | 0,5 | LM71SISO | -2,8213 | 34-1 | 0,5 |
| 34 | 0 | SW2SISO | -0,2216 | 34-1 | 0 |
| 34 | 0,25 | SW2SISO | -1,2145 | 34-1 | 0,25 |
| 34 | 0,5 | SW2SISO | -2,2074 | 34-1 | 0,5 |
| 34 | 0 | SISMAO | -1,555 | 34-1 | 0 |
| 34 | 0,25 | SISMAO | -4,7096 | 34-1 | 0,25 |
| 34 | 0,5 | SISMAO | -7,7167 | 34-1 | 0,5 |
| 34 | 0 | LM71SVA | 0,4786 | 34-1 | 0 |
| 34 | 0,25 | LM71SVA | 0,4779 | 34-1 | 0,25 |
| 34 | 0,5 | LM71SVA | 0,4772 | 34-1 | 0,5 |
| 34 | 0 | SW2SVA | 0,3769 | 34-1 | 0 |
| 34 | 0,25 | SW2SVA | 0,3763 | 34-1 | 0,25 |
| 34 | 0,5 | SW2SVA | 0,3757 | 34-1 | 0,5 |
| 34 | 0 | SISMAVA | 1,4017 | 34-1 | 0 |
| 34 | 0,25 | SISMAVA | 1,306 | 34-1 | 0,25 |
| 34 | 0,5 | SISMAVA | 1,2103 | 34-1 | 0,5 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 34 | 0 | LM71SVB | -0,4786 | 34-1 | 0 |
| 34 | 0,25 | LM71SVB | -0,4779 | 34-1 | 0,25 |
| 34 | 0,5 | LM71SVB | -0,4772 | 34-1 | 0,5 |
| 34 | 0 | SW2SVB | -0,3769 | 34-1 | 0 |
| 34 | 0,25 | SW2SVB | -0,3763 | 34-1 | 0,25 |
| 34 | 0,5 | SW2SVB | -0,3757 | 34-1 | 0,5 |
| 34 | 0 | SISMAVB | -1,4017 | 34-1 | 0 |
| 34 | 0,25 | SISMAVB | -1,306 | 34-1 | 0,25 |
| 34 | 0,5 | SISMAVB | -1,2103 | 34-1 | 0,5 |
| 35 | 0 | PP | 2,7761 | 35-1 | 0 |
| 35 | 0,25 | PP | 2,1406 | 35-1 | 0,25 |
| 35 | 0,5 | PP | 1,505 | 35-1 | 0,5 |
| 35 | 0 | REINTSUP | 1,6597 | 35-1 | 0 |
| 35 | 0,25 | REINTSUP | 1,6573 | 35-1 | 0,25 |
| 35 | 0,5 | REINTSUP | 1,6548 | 35-1 | 0,5 |
| 35 | 0 | BALLAST | 3,6883 | 35-1 | 0 |
| 35 | 0,25 | BALLAST | 3,6828 | 35-1 | 0,25 |
| 35 | 0,5 | BALLAST | 3,6772 | 35-1 | 0,5 |
| 35 | 0 | STERRASX | -10,8667 | 35-1 | 0 |
| 35 | 0,25 | STERRASX | -10,1279 | 35-1 | 0,25 |
| 35 | 0,5 | STERRASX | -8,483 | 35-1 | 0,5 |
| 35 | 0 | STERRADX | 4,5703 | 35-1 | 0 |
| 35 | 0,25 | STERRADX | 7,1323 | 35-1 | 0,25 |
| 35 | 0,5 | STERRADX | 9,6943 | 35-1 | 0,5 |
| 35 | 0 | TERMP | 0,7714 | 35-1 | 0 |
| 35 | 0,25 | TERMP | 1,1516 | 35-1 | 0,25 |
| 35 | 0,5 | TERMP | 1,5318 | 35-1 | 0,5 |
| 35 | 0 | TERMN | -2,3141 | 35-1 | 0 |
| 35 | 0,25 | TERMN | -3,4548 | 35-1 | 0,25 |
| 35 | 0,5 | TERMN | -4,5955 | 35-1 | 0,5 |
| 35 | 0 | GRADTP | -6,7049 | 35-1 | 0 |
| 35 | 0,25 | GRADTP | -7,9895 | 35-1 | 0,25 |
| 35 | 0,5 | GRADTP | -9,2742 | 35-1 | 0,5 |
| 35 | 0 | GRADTN | 6,7049 | 35-1 | 0 |
| 35 | 0,25 | GRADTN | 7,9895 | 35-1 | 0,25 |
| 35 | 0,5 | GRADTN | 9,2742 | 35-1 | 0,5 |
| 35 | 0 | LM71C | 16,0372 | 35-1 | 0 |
| 35 | 0,25 | LM71C | 16,0132 | 35-1 | 0,25 |
| 35 | 0,5 | LM71C | 15,9891 | 35-1 | 0,5 |
| 35 | 0 | STLM71 | -15,0462 | 35-1 | 0 |
| 35 | 0,25 | STLM71 | -14,8089 | 35-1 | 0,25 |
| 35 | 0,5 | STLM71 | -13,0265 | 35-1 | 0,5 |
| 35 | 0 | AVVLM71 | -7,5037 | 35-1 | 0 |
| 35 | 0,25 | AVVLM71 | -10,8789 | 35-1 | 0,25 |
| 35 | 0,5 | AVVLM71 | -14,2541 | 35-1 | 0,5 |
| 35 | 0 | SW2 | 12,5748 | 35-1 | 0 |
| 35 | 0,25 | SW2 | 12,556 | 35-1 | 0,25 |
| 35 | 0,5 | SW2 | 12,5371 | 35-1 | 0,5 |
| 35 | 0 | STSW2 | -11,7959 | 35-1 | 0 |
| 35 | 0,25 | STSW2 | -11,6099 | 35-1 | 0,25 |
| 35 | 0,5 | STSW2 | -10,2125 | 35-1 | 0,5 |
| 35 | 0 | FRENSW2 | -7,9609 | 35-1 | 0 |
| 35 | 0,25 | FRENSW2 | -11,5417 | 35-1 | 0,25 |
| 35 | 0,5 | FRENSW2 | -15,1225 | 35-1 | 0,5 |
| 35 | 0 | SERP | 0 | 35-1 | 0 |
| 35 | 0,25 | SERP | 0 | 35-1 | 0,25 |
| 35 | 0,5 | SERP | 0 | 35-1 | 0,5 |
| 35 | 0 | INCRTER | -13,4211 | 35-1 | 0 |
| 35 | 0,25 | INCRTER | -13,2094 | 35-1 | 0,25 |
| 35 | 0,5 | INCRTER | -11,6195 | 35-1 | 0,5 |
| 35 | 0 | LM71SISO | -2,8213 | 35-1 | 0 |
| 35 | 0,25 | LM71SISO | -4,0903 | 35-1 | 0,25 |
| 35 | 0,5 | LM71SISO | -5,3593 | 35-1 | 0,5 |
| 35 | 0 | SW2SISO | -2,2074 | 35-1 | 0 |
| 35 | 0,25 | SW2SISO | -3,2002 | 35-1 | 0,25 |
| 35 | 0,5 | SW2SISO | -4,1931 | 35-1 | 0,5 |
| 35 | 0 | SISMAO | -7,7167 | 35-1 | 0 |
| 35 | 0,25 | SISMAO | -10,5762 | 35-1 | 0,25 |

GENERAL CONTRACTOR



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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 35 | 0,5 | SISMAO | -13,2883 | 35-1 | 0,5 |
| 35 | 0 | LM71SVA | -0,4772 | 35-1 | 0 |
| 35 | 0,25 | LM71SVA | -0,4765 | 35-1 | 0,25 |
| 35 | 0,5 | LM71SVA | -0,4757 | 35-1 | 0,5 |
| 35 | 0 | SW2SVA | -0,3757 | 35-1 | 0 |
| 35 | 0,25 | SW2SVA | -0,3752 | 35-1 | 0,25 |
| 35 | 0,5 | SW2SVA | -0,3746 | 35-1 | 0,5 |
| 35 | 0 | SISMAVA | -1,2103 | 35-1 | 0 |
| 35 | 0,25 | SISMAVA | -1,1145 | 35-1 | 0,25 |
| 35 | 0,5 | SISMAVA | -1,0188 | 35-1 | 0,5 |
| 35 | 0 | LM71SVB | 0,4772 | 35-1 | 0 |
| 35 | 0,25 | LM71SVB | 0,4765 | 35-1 | 0,25 |
| 35 | 0,5 | LM71SVB | 0,4757 | 35-1 | 0,5 |
| 35 | 0 | SW2SVB | 0,3757 | 35-1 | 0 |
| 35 | 0,25 | SW2SVB | 0,3752 | 35-1 | 0,25 |
| 35 | 0,5 | SW2SVB | 0,3746 | 35-1 | 0,5 |
| 35 | 0 | SISMAVB | 1,2103 | 35-1 | 0 |
| 35 | 0,25 | SISMAVB | 1,1145 | 35-1 | 0,25 |
| 35 | 0,5 | SISMAVB | 1,0188 | 35-1 | 0,5 |
| 36 | 0 | PP | -2,7761 | 36-1 | 0 |
| 36 | 0,25 | PP | -2,1406 | 36-1 | 0,25 |
| 36 | 0,5 | PP | -1,505 | 36-1 | 0,5 |
| 36 | 0 | REINTSUP | -1,6597 | 36-1 | 0 |
| 36 | 0,25 | REINTSUP | -1,6573 | 36-1 | 0,25 |
| 36 | 0,5 | REINTSUP | -1,6548 | 36-1 | 0,5 |
| 36 | 0 | BALLAST | -3,6883 | 36-1 | 0 |
| 36 | 0,25 | BALLAST | -3,6828 | 36-1 | 0,25 |
| 36 | 0,5 | BALLAST | -3,6772 | 36-1 | 0,5 |
| 36 | 0 | STERRASX | -4,5703 | 36-1 | 0 |
| 36 | 0,25 | STERRASX | -7,1323 | 36-1 | 0,25 |
| 36 | 0,5 | STERRASX | -9,6943 | 36-1 | 0,5 |
| 36 | 0 | STERRADX | 10,8667 | 36-1 | 0 |
| 36 | 0,25 | STERRADX | 10,1279 | 36-1 | 0,25 |
| 36 | 0,5 | STERRADX | 8,483 | 36-1 | 0,5 |
| 36 | 0 | TERMP | -0,7714 | 36-1 | 0 |
| 36 | 0,25 | TERMP | -1,1516 | 36-1 | 0,25 |
| 36 | 0,5 | TERMP | -1,5318 | 36-1 | 0,5 |
| 36 | 0 | TERMN | 2,3141 | 36-1 | 0 |
| 36 | 0,25 | TERMN | 3,4548 | 36-1 | 0,25 |
| 36 | 0,5 | TERMN | 4,5955 | 36-1 | 0,5 |
| 36 | 0 | GRADTP | 6,7049 | 36-1 | 0 |
| 36 | 0,25 | GRADTP | 7,9895 | 36-1 | 0,25 |
| 36 | 0,5 | GRADTP | 9,2742 | 36-1 | 0,5 |
| 36 | 0 | GRADTN | -6,7049 | 36-1 | 0 |
| 36 | 0,25 | GRADTN | -7,9895 | 36-1 | 0,25 |
| 36 | 0,5 | GRADTN | -9,2742 | 36-1 | 0,5 |
| 36 | 0 | LM71C | -16,0372 | 36-1 | 0 |
| 36 | 0,25 | LM71C | -16,0132 | 36-1 | 0,25 |
| 36 | 0,5 | LM71C | -15,9891 | 36-1 | 0,5 |
| 36 | 0 | STLM71 | -6,7481 | 36-1 | 0 |
| 36 | 0,25 | STLM71 | -10,3844 | 36-1 | 0,25 |
| 36 | 0,5 | STLM71 | -14,0208 | 36-1 | 0,5 |
| 36 | 0 | AVVLM71 | -7,5037 | 36-1 | 0 |
| 36 | 0,25 | AVVLM71 | -10,8789 | 36-1 | 0,25 |
| 36 | 0,5 | AVVLM71 | -14,2541 | 36-1 | 0,5 |
| 36 | 0 | SW2 | -12,5748 | 36-1 | 0 |
| 36 | 0,25 | SW2 | -12,556 | 36-1 | 0,25 |
| 36 | 0,5 | SW2 | -12,5371 | 36-1 | 0,5 |
| 36 | 0 | STSW2 | -5,2903 | 36-1 | 0 |
| 36 | 0,25 | STSW2 | -8,1412 | 36-1 | 0,25 |
| 36 | 0,5 | STSW2 | -10,992 | 36-1 | 0,5 |
| 36 | 0 | FRENSW2 | -7,9609 | 36-1 | 0 |
| 36 | 0,25 | FRENSW2 | -11,5417 | 36-1 | 0,25 |
| 36 | 0,5 | FRENSW2 | -15,1225 | 36-1 | 0,5 |
| 36 | 0 | SERP | 0 | 36-1 | 0 |
| 36 | 0,25 | SERP | 0 | 36-1 | 0,25 |
| 36 | 0,5 | SERP | 0 | 36-1 | 0,5 |
| 36 | 0 | INCRTER | -6,0192 | 36-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 36 | 0,25 | INCRTER | -9,2628 | 36-1 | 0,25 |
| 36 | 0,5 | INCRTER | -12,5064 | 36-1 | 0,5 |
| 36 | 0 | LM71SISO | -2,8213 | 36-1 | 0 |
| 36 | 0,25 | LM71SISO | -4,0903 | 36-1 | 0,25 |
| 36 | 0,5 | LM71SISO | -5,3593 | 36-1 | 0,5 |
| 36 | 0 | SW2SISO | -2,2074 | 36-1 | 0 |
| 36 | 0,25 | SW2SISO | -3,2002 | 36-1 | 0,25 |
| 36 | 0,5 | SW2SISO | -4,1931 | 36-1 | 0,5 |
| 36 | 0 | SISMAO | -7,7167 | 36-1 | 0 |
| 36 | 0,25 | SISMAO | -10,5762 | 36-1 | 0,25 |
| 36 | 0,5 | SISMAO | -13,2883 | 36-1 | 0,5 |
| 36 | 0 | LM71SVA | 0,4772 | 36-1 | 0 |
| 36 | 0,25 | LM71SVA | 0,4765 | 36-1 | 0,25 |
| 36 | 0,5 | LM71SVA | 0,4757 | 36-1 | 0,5 |
| 36 | 0 | SW2SVA | 0,3757 | 36-1 | 0 |
| 36 | 0,25 | SW2SVA | 0,3752 | 36-1 | 0,25 |
| 36 | 0,5 | SW2SVA | 0,3746 | 36-1 | 0,5 |
| 36 | 0 | SISMAVA | 1,2103 | 36-1 | 0 |
| 36 | 0,25 | SISMAVA | 1,1145 | 36-1 | 0,25 |
| 36 | 0,5 | SISMAVA | 1,0188 | 36-1 | 0,5 |
| 36 | 0 | LM71SVB | -0,4772 | 36-1 | 0 |
| 36 | 0,25 | LM71SVB | -0,4765 | 36-1 | 0,25 |
| 36 | 0,5 | LM71SVB | -0,4757 | 36-1 | 0,5 |
| 36 | 0 | SW2SVB | -0,3757 | 36-1 | 0 |
| 36 | 0,25 | SW2SVB | -0,3752 | 36-1 | 0,25 |
| 36 | 0,5 | SW2SVB | -0,3746 | 36-1 | 0,5 |
| 36 | 0 | SISMAVB | -1,2103 | 36-1 | 0 |
| 36 | 0,25 | SISMAVB | -1,1145 | 36-1 | 0,25 |
| 36 | 0,5 | SISMAVB | -1,0188 | 36-1 | 0,5 |
| 37 | 0 | PP | 1,505 | 37-1 | 0 |
| 37 | 0,04375 | PP | 1,3938 | 37-1 | 0,04375 |
| 37 | 0,0875 | PP | 1,2825 | 37-1 | 0,0875 |
| 37 | 0 | REINTSUP | 1,6548 | 37-1 | 0 |
| 37 | 0,04375 | REINTSUP | 1,6543 | 37-1 | 0,04375 |
| 37 | 0,0875 | REINTSUP | 1,6539 | 37-1 | 0,0875 |
| 37 | 0 | BALLAST | 3,6772 | 37-1 | 0 |
| 37 | 0,04375 | BALLAST | 3,6763 | 37-1 | 0,04375 |
| 37 | 0,0875 | BALLAST | 3,6753 | 37-1 | 0,0875 |
| 37 | 0 | STERRASX | -8,483 | 37-1 | 0 |
| 37 | 0,04375 | STERRASX | -8,1119 | 37-1 | 0,04375 |
| 37 | 0,0875 | STERRASX | -7,7178 | 37-1 | 0,0875 |
| 37 | 0 | STERRADX | 9,6943 | 37-1 | 0 |
| 37 | 0,04375 | STERRADX | 10,1426 | 37-1 | 0,04375 |
| 37 | 0,0875 | STERRADX | 10,591 | 37-1 | 0,0875 |
| 37 | 0 | TERMP | 1,5318 | 37-1 | 0 |
| 37 | 0,04375 | TERMP | 1,5984 | 37-1 | 0,04375 |
| 37 | 0,0875 | TERMP | 1,6649 | 37-1 | 0,0875 |
| 37 | 0 | TERMN | -4,5955 | 37-1 | 0 |
| 37 | 0,04375 | TERMN | -4,7951 | 37-1 | 0,04375 |
| 37 | 0,0875 | TERMN | -4,9948 | 37-1 | 0,0875 |
| 37 | 0 | GRADTP | -9,2742 | 37-1 | 0 |
| 37 | 0,04375 | GRADTP | -9,499 | 37-1 | 0,04375 |
| 37 | 0,0875 | GRADTP | -9,7239 | 37-1 | 0,0875 |
| 37 | 0 | GRADTN | 9,2742 | 37-1 | 0 |
| 37 | 0,04375 | GRADTN | 9,499 | 37-1 | 0,04375 |
| 37 | 0,0875 | GRADTN | 9,7239 | 37-1 | 0,0875 |
| 37 | 0 | LM71C | 15,9891 | 37-1 | 0 |
| 37 | 0,04375 | LM71C | 15,9849 | 37-1 | 0,04375 |
| 37 | 0,0875 | LM71C | 15,9807 | 37-1 | 0,0875 |
| 37 | 0 | STLM71 | -13,0265 | 37-1 | 0 |
| 37 | 0,04375 | STLM71 | -12,5557 | 37-1 | 0,04375 |
| 37 | 0,0875 | STLM71 | -12,0377 | 37-1 | 0,0875 |
| 37 | 0 | AVVLM71 | -14,2541 | 37-1 | 0 |
| 37 | 0,04375 | AVVLM71 | -14,8448 | 37-1 | 0,04375 |
| 37 | 0,0875 | AVVLM71 | -15,4354 | 37-1 | 0,0875 |
| 37 | 0 | SW2 | 12,5371 | 37-1 | 0 |
| 37 | 0,04375 | SW2 | 12,5338 | 37-1 | 0,04375 |
| 37 | 0,0875 | SW2 | 12,5305 | 37-1 | 0,0875 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 37 | 0 | STSW2 | -10,2125 | 37-1 | 0 |
| 37 | 0,04375 | STSW2 | -9,8435 | 37-1 | 0,04375 |
| 37 | 0,0875 | STSW2 | -9,4373 | 37-1 | 0,0875 |
| 37 | 0 | FRENSW2 | -15,1225 | 37-1 | 0 |
| 37 | 0,04375 | FRENSW2 | -15,7492 | 37-1 | 0,04375 |
| 37 | 0,0875 | FRENSW2 | -16,3758 | 37-1 | 0,0875 |
| 37 | 0 | SERP | 0 | 37-1 | 0 |
| 37 | 0,04375 | SERP | 0 | 37-1 | 0,04375 |
| 37 | 0,0875 | SERP | 0 | 37-1 | 0,0875 |
| 37 | 0 | INCRTER | -11,6195 | 37-1 | 0 |
| 37 | 0,04375 | INCRTER | -11,1996 | 37-1 | 0,04375 |
| 37 | 0,0875 | INCRTER | -10,7375 | 37-1 | 0,0875 |
| 37 | 0 | LM71SISO | -5,3593 | 37-1 | 0 |
| 37 | 0,04375 | LM71SISO | -5,5813 | 37-1 | 0,04375 |
| 37 | 0,0875 | LM71SISO | -5,8034 | 37-1 | 0,0875 |
| 37 | 0 | SW2SISO | -4,1931 | 37-1 | 0 |
| 37 | 0,04375 | SW2SISO | -4,3669 | 37-1 | 0,04375 |
| 37 | 0,0875 | SW2SISO | -4,5406 | 37-1 | 0,0875 |
| 37 | 0 | SISMAO | -13,2883 | 37-1 | 0 |
| 37 | 0,04375 | SISMAO | -13,7477 | 37-1 | 0,04375 |
| 37 | 0,0875 | SISMAO | -14,2027 | 37-1 | 0,0875 |
| 37 | 0 | LM71SVA | -0,4757 | 37-1 | 0 |
| 37 | 0,04375 | LM71SVA | -0,4756 | 37-1 | 0,04375 |
| 37 | 0,0875 | LM71SVA | -0,4755 | 37-1 | 0,0875 |
| 37 | 0 | SW2SVA | -0,3746 | 37-1 | 0 |
| 37 | 0,04375 | SW2SVA | -0,3745 | 37-1 | 0,04375 |
| 37 | 0,0875 | SW2SVA | -0,3744 | 37-1 | 0,0875 |
| 37 | 0 | SISMAVA | -1,0188 | 37-1 | 0 |
| 37 | 0,04375 | SISMAVA | -1,0021 | 37-1 | 0,04375 |
| 37 | 0,0875 | SISMAVA | -0,9853 | 37-1 | 0,0875 |
| 37 | 0 | LM71SVB | 0,4757 | 37-1 | 0 |
| 37 | 0,04375 | LM71SVB | 0,4756 | 37-1 | 0,04375 |
| 37 | 0,0875 | LM71SVB | 0,4755 | 37-1 | 0,0875 |
| 37 | 0 | SW2SVB | 0,3746 | 37-1 | 0 |
| 37 | 0,04375 | SW2SVB | 0,3745 | 37-1 | 0,04375 |
| 37 | 0,0875 | SW2SVB | 0,3744 | 37-1 | 0,0875 |
| 37 | 0 | SISMAVB | 1,0188 | 37-1 | 0 |
| 37 | 0,04375 | SISMAVB | 1,0021 | 37-1 | 0,04375 |
| 37 | 0,0875 | SISMAVB | 0,9853 | 37-1 | 0,0875 |
| 38 | 0 | PP | -1,505 | 38-1 | 0 |
| 38 | 0,04375 | PP | -1,3938 | 38-1 | 0,04375 |
| 38 | 0,0875 | PP | -1,2825 | 38-1 | 0,0875 |
| 38 | 0 | REINTSUP | -1,6548 | 38-1 | 0 |
| 38 | 0,04375 | REINTSUP | -1,6543 | 38-1 | 0,04375 |
| 38 | 0,0875 | REINTSUP | -1,6539 | 38-1 | 0,0875 |
| 38 | 0 | BALLAST | -3,6772 | 38-1 | 0 |
| 38 | 0,04375 | BALLAST | -3,6763 | 38-1 | 0,04375 |
| 38 | 0,0875 | BALLAST | -3,6753 | 38-1 | 0,0875 |
| 38 | 0 | STERRASX | -9,6943 | 38-1 | 0 |
| 38 | 0,04375 | STERRASX | -10,1426 | 38-1 | 0,04375 |
| 38 | 0,0875 | STERRASX | -10,591 | 38-1 | 0,0875 |
| 38 | 0 | STERRADX | 8,483 | 38-1 | 0 |
| 38 | 0,04375 | STERRADX | 8,1119 | 38-1 | 0,04375 |
| 38 | 0,0875 | STERRADX | 7,7178 | 38-1 | 0,0875 |
| 38 | 0 | TERMP | -1,5318 | 38-1 | 0 |
| 38 | 0,04375 | TERMP | -1,5984 | 38-1 | 0,04375 |
| 38 | 0,0875 | TERMP | -1,6649 | 38-1 | 0,0875 |
| 38 | 0 | TERMN | 4,5955 | 38-1 | 0 |
| 38 | 0,04375 | TERMN | 4,7951 | 38-1 | 0,04375 |
| 38 | 0,0875 | TERMN | 4,9948 | 38-1 | 0,0875 |
| 38 | 0 | GRADTP | 9,2742 | 38-1 | 0 |
| 38 | 0,04375 | GRADTP | 9,499 | 38-1 | 0,04375 |
| 38 | 0,0875 | GRADTP | 9,7239 | 38-1 | 0,0875 |
| 38 | 0 | GRADTN | -9,2742 | 38-1 | 0 |
| 38 | 0,04375 | GRADTN | -9,499 | 38-1 | 0,04375 |
| 38 | 0,0875 | GRADTN | -9,7239 | 38-1 | 0,0875 |
| 38 | 0 | LM71C | -15,9891 | 38-1 | 0 |
| 38 | 0,04375 | LM71C | -15,9849 | 38-1 | 0,04375 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 38 | 0,0875 | LM71C | -15,9807 | 38-1 | 0,0875 |
| 38 | 0 | STLM71 | -14,0208 | 38-1 | 0 |
| 38 | 0,04375 | STLM71 | -14,6571 | 38-1 | 0,04375 |
| 38 | 0,0875 | STLM71 | -15,2935 | 38-1 | 0,0875 |
| 38 | 0 | AVVLM71 | -14,2541 | 38-1 | 0 |
| 38 | 0,04375 | AVVLM71 | -14,8448 | 38-1 | 0,04375 |
| 38 | 0,0875 | AVVLM71 | -15,4354 | 38-1 | 0,0875 |
| 38 | 0 | SW2 | -12,5371 | 38-1 | 0 |
| 38 | 0,04375 | SW2 | -12,5338 | 38-1 | 0,04375 |
| 38 | 0,0875 | SW2 | -12,5305 | 38-1 | 0,0875 |
| 38 | 0 | STSW2 | -10,992 | 38-1 | 0 |
| 38 | 0,04375 | STSW2 | -11,4909 | 38-1 | 0,04375 |
| 38 | 0,0875 | STSW2 | -11,9898 | 38-1 | 0,0875 |
| 38 | 0 | FRENSW2 | -15,1225 | 38-1 | 0 |
| 38 | 0,04375 | FRENSW2 | -15,7492 | 38-1 | 0,04375 |
| 38 | 0,0875 | FRENSW2 | -16,3758 | 38-1 | 0,0875 |
| 38 | 0 | SERP | 0 | 38-1 | 0 |
| 38 | 0,04375 | SERP | 0 | 38-1 | 0,04375 |
| 38 | 0,0875 | SERP | 0 | 38-1 | 0,0875 |
| 38 | 0 | INCRTER | -12,5064 | 38-1 | 0 |
| 38 | 0,04375 | INCRTER | -13,074 | 38-1 | 0,04375 |
| 38 | 0,0875 | INCRTER | -13,6417 | 38-1 | 0,0875 |
| 38 | 0 | LM71SISO | -5,3593 | 38-1 | 0 |
| 38 | 0,04375 | LM71SISO | -5,5813 | 38-1 | 0,04375 |
| 38 | 0,0875 | LM71SISO | -5,8034 | 38-1 | 0,0875 |
| 38 | 0 | SW2SISO | -4,1931 | 38-1 | 0 |
| 38 | 0,04375 | SW2SISO | -4,3669 | 38-1 | 0,04375 |
| 38 | 0,0875 | SW2SISO | -4,5406 | 38-1 | 0,0875 |
| 38 | 0 | SISMAO | -13,2883 | 38-1 | 0 |
| 38 | 0,04375 | SISMAO | -13,7477 | 38-1 | 0,04375 |
| 38 | 0,0875 | SISMAO | -14,2027 | 38-1 | 0,0875 |
| 38 | 0 | LM71SVA | 0,4757 | 38-1 | 0 |
| 38 | 0,04375 | LM71SVA | 0,4756 | 38-1 | 0,04375 |
| 38 | 0,0875 | LM71SVA | 0,4755 | 38-1 | 0,0875 |
| 38 | 0 | SW2SVA | 0,3746 | 38-1 | 0 |
| 38 | 0,04375 | SW2SVA | 0,3745 | 38-1 | 0,04375 |
| 38 | 0,0875 | SW2SVA | 0,3744 | 38-1 | 0,0875 |
| 38 | 0 | SISMAVA | 1,0188 | 38-1 | 0 |
| 38 | 0,04375 | SISMAVA | 1,0021 | 38-1 | 0,04375 |
| 38 | 0,0875 | SISMAVA | 0,9853 | 38-1 | 0,0875 |
| 38 | 0 | LM71SVB | -0,4757 | 38-1 | 0 |
| 38 | 0,04375 | LM71SVB | -0,4756 | 38-1 | 0,04375 |
| 38 | 0,0875 | LM71SVB | -0,4755 | 38-1 | 0,0875 |
| 38 | 0 | SW2SVB | -0,3746 | 38-1 | 0 |
| 38 | 0,04375 | SW2SVB | -0,3745 | 38-1 | 0,04375 |
| 38 | 0,0875 | SW2SVB | -0,3744 | 38-1 | 0,0875 |
| 38 | 0 | SISMAVB | -1,0188 | 38-1 | 0 |
| 38 | 0,04375 | SISMAVB | -1,0021 | 38-1 | 0,04375 |
| 38 | 0,0875 | SISMAVB | -0,9853 | 38-1 | 0,0875 |
| 39 | 0 | PP | 1,2825 | 39-1 | 0 |
| 39 | 0,04375 | PP | 1,1713 | 39-1 | 0,04375 |
| 39 | 0,0875 | PP | 1,0601 | 39-1 | 0,0875 |
| 39 | 0 | REINTSUP | 1,6539 | 39-1 | 0 |
| 39 | 0,04375 | REINTSUP | 1,6535 | 39-1 | 0,04375 |
| 39 | 0,0875 | REINTSUP | 1,653 | 39-1 | 0,0875 |
| 39 | 0 | BALLAST | 3,6753 | 39-1 | 0 |
| 39 | 0,04375 | BALLAST | 3,6743 | 39-1 | 0,04375 |
| 39 | 0,0875 | BALLAST | 3,6734 | 39-1 | 0,0875 |
| 39 | 0 | STERRASX | -7,7178 | 39-1 | 0 |
| 39 | 0,04375 | STERRASX | -7,3015 | 39-1 | 0,04375 |
| 39 | 0,0875 | STERRASX | -6,8637 | 39-1 | 0,0875 |
| 39 | 0 | STERRADX | 10,591 | 39-1 | 0 |
| 39 | 0,04375 | STERRADX | 11,0393 | 39-1 | 0,04375 |
| 39 | 0,0875 | STERRADX | 11,4876 | 39-1 | 0,0875 |
| 39 | 0 | TERMP | 1,6649 | 39-1 | 0 |
| 39 | 0,04375 | TERMP | 1,7315 | 39-1 | 0,04375 |
| 39 | 0,0875 | TERMP | 1,798 | 39-1 | 0,0875 |
| 39 | 0 | TERMN | -4,9948 | 39-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 39 | 0,04375 | TERMN | -5,1944 | 39-1 | 0,04375 |
| 39 | 0,0875 | TERMN | -5,394 | 39-1 | 0,0875 |
| 39 | 0 | GRADTP | -9,7239 | 39-1 | 0 |
| 39 | 0,04375 | GRADTP | -9,9487 | 39-1 | 0,04375 |
| 39 | 0,0875 | GRADTP | -10,1735 | 39-1 | 0,0875 |
| 39 | 0 | GRADTN | 9,7239 | 39-1 | 0 |
| 39 | 0,04375 | GRADTN | 9,9487 | 39-1 | 0,04375 |
| 39 | 0,0875 | GRADTN | 10,1735 | 39-1 | 0,0875 |
| 39 | 0 | LM71C | 15,9807 | 39-1 | 0 |
| 39 | 0,04375 | LM71C | 15,9765 | 39-1 | 0,04375 |
| 39 | 0,0875 | LM71C | 15,9723 | 39-1 | 0,0875 |
| 39 | 0 | STLM71 | -12,0377 | 39-1 | 0 |
| 39 | 0,04375 | STLM71 | -11,4723 | 39-1 | 0,04375 |
| 39 | 0,0875 | STLM71 | -10,8596 | 39-1 | 0,0875 |
| 39 | 0 | AVVLM71 | -15,4354 | 39-1 | 0 |
| 39 | 0,04375 | AVVLM71 | -16,0261 | 39-1 | 0,04375 |
| 39 | 0,0875 | AVVLM71 | -16,6168 | 39-1 | 0,0875 |
| 39 | 0 | SW2 | 12,5305 | 39-1 | 0 |
| 39 | 0,04375 | SW2 | 12,5272 | 39-1 | 0,04375 |
| 39 | 0,0875 | SW2 | 12,5239 | 39-1 | 0,0875 |
| 39 | 0 | STSW2 | -9,4373 | 39-1 | 0 |
| 39 | 0,04375 | STSW2 | -8,994 | 39-1 | 0,04375 |
| 39 | 0,0875 | STSW2 | -8,5137 | 39-1 | 0,0875 |
| 39 | 0 | FRENSW2 | -16,3758 | 39-1 | 0 |
| 39 | 0,04375 | FRENSW2 | -17,0024 | 39-1 | 0,04375 |
| 39 | 0,0875 | FRENSW2 | -17,6291 | 39-1 | 0,0875 |
| 39 | 0 | SERP | 0 | 39-1 | 0 |
| 39 | 0,04375 | SERP | 0 | 39-1 | 0,04375 |
| 39 | 0,0875 | SERP | 0 | 39-1 | 0,0875 |
| 39 | 0 | INCRTER | -10,7375 | 39-1 | 0 |
| 39 | 0,04375 | INCRTER | -10,2332 | 39-1 | 0,04375 |
| 39 | 0,0875 | INCRTER | -9,6866 | 39-1 | 0,0875 |
| 39 | 0 | LM71SISO | -5,8034 | 39-1 | 0 |
| 39 | 0,04375 | LM71SISO | -6,0255 | 39-1 | 0,04375 |
| 39 | 0,0875 | LM71SISO | -6,2476 | 39-1 | 0,0875 |
| 39 | 0 | SW2SISO | -4,5406 | 39-1 | 0 |
| 39 | 0,04375 | SW2SISO | -4,7144 | 39-1 | 0,04375 |
| 39 | 0,0875 | SW2SISO | -4,8881 | 39-1 | 0,0875 |
| 39 | 0 | SISMAO | -14,2027 | 39-1 | 0 |
| 39 | 0,04375 | SISMAO | -14,6531 | 39-1 | 0,04375 |
| 39 | 0,0875 | SISMAO | -15,099 | 39-1 | 0,0875 |
| 39 | 0 | LM71SVA | -0,4755 | 39-1 | 0 |
| 39 | 0,04375 | LM71SVA | -0,4754 | 39-1 | 0,04375 |
| 39 | 0,0875 | LM71SVA | -0,4752 | 39-1 | 0,0875 |
| 39 | 0 | SW2SVA | -0,3744 | 39-1 | 0 |
| 39 | 0,04375 | SW2SVA | -0,3743 | 39-1 | 0,04375 |
| 39 | 0,0875 | SW2SVA | -0,3742 | 39-1 | 0,0875 |
| 39 | 0 | SISMAVA | -0,9853 | 39-1 | 0 |
| 39 | 0,04375 | SISMAVA | -0,9685 | 39-1 | 0,04375 |
| 39 | 0,0875 | SISMAVA | -0,9518 | 39-1 | 0,0875 |
| 39 | 0 | LM71SVB | 0,4755 | 39-1 | 0 |
| 39 | 0,04375 | LM71SVB | 0,4754 | 39-1 | 0,04375 |
| 39 | 0,0875 | LM71SVB | 0,4752 | 39-1 | 0,0875 |
| 39 | 0 | SW2SVB | 0,3744 | 39-1 | 0 |
| 39 | 0,04375 | SW2SVB | 0,3743 | 39-1 | 0,04375 |
| 39 | 0,0875 | SW2SVB | 0,3742 | 39-1 | 0,0875 |
| 39 | 0 | SISMAVB | 0,9853 | 39-1 | 0 |
| 39 | 0,04375 | SISMAVB | 0,9685 | 39-1 | 0,04375 |
| 39 | 0,0875 | SISMAVB | 0,9518 | 39-1 | 0,0875 |
| 40 | 0 | PP | -1,2825 | 40-1 | 0 |
| 40 | 0,04375 | PP | -1,1713 | 40-1 | 0,04375 |
| 40 | 0,0875 | PP | -1,0601 | 40-1 | 0,0875 |
| 40 | 0 | REINTSUP | -1,6539 | 40-1 | 0 |
| 40 | 0,04375 | REINTSUP | -1,6535 | 40-1 | 0,04375 |
| 40 | 0,0875 | REINTSUP | -1,653 | 40-1 | 0,0875 |
| 40 | 0 | BALLAST | -3,6753 | 40-1 | 0 |
| 40 | 0,04375 | BALLAST | -3,6743 | 40-1 | 0,04375 |
| 40 | 0,0875 | BALLAST | -3,6734 | 40-1 | 0,0875 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 40 | 0 | STERRASX | -10,591 | 40-1 | 0 |
| 40 | 0,04375 | STERRASX | -11,0393 | 40-1 | 0,04375 |
| 40 | 0,0875 | STERRASX | -11,4876 | 40-1 | 0,0875 |
| 40 | 0 | STERRADX | 7,7178 | 40-1 | 0 |
| 40 | 0,04375 | STERRADX | 7,3015 | 40-1 | 0,04375 |
| 40 | 0,0875 | STERRADX | 6,8637 | 40-1 | 0,0875 |
| 40 | 0 | TERMP | -1,6649 | 40-1 | 0 |
| 40 | 0,04375 | TERMP | -1,7315 | 40-1 | 0,04375 |
| 40 | 0,0875 | TERMP | -1,798 | 40-1 | 0,0875 |
| 40 | 0 | TERMN | 4,9948 | 40-1 | 0 |
| 40 | 0,04375 | TERMN | 5,1944 | 40-1 | 0,04375 |
| 40 | 0,0875 | TERMN | 5,394 | 40-1 | 0,0875 |
| 40 | 0 | GRADTP | 9,7239 | 40-1 | 0 |
| 40 | 0,04375 | GRADTP | 9,9487 | 40-1 | 0,04375 |
| 40 | 0,0875 | GRADTP | 10,1735 | 40-1 | 0,0875 |
| 40 | 0 | GRADTN | -9,7239 | 40-1 | 0 |
| 40 | 0,04375 | GRADTN | -9,9487 | 40-1 | 0,04375 |
| 40 | 0,0875 | GRADTN | -10,1735 | 40-1 | 0,0875 |
| 40 | 0 | LM71C | -15,9807 | 40-1 | 0 |
| 40 | 0,04375 | LM71C | -15,9765 | 40-1 | 0,04375 |
| 40 | 0,0875 | LM71C | -15,9723 | 40-1 | 0,0875 |
| 40 | 0 | STLM71 | -15,2935 | 40-1 | 0 |
| 40 | 0,04375 | STLM71 | -15,9299 | 40-1 | 0,04375 |
| 40 | 0,0875 | STLM71 | -16,5662 | 40-1 | 0,0875 |
| 40 | 0 | AVVLM71 | -15,4354 | 40-1 | 0 |
| 40 | 0,04375 | AVVLM71 | -16,0261 | 40-1 | 0,04375 |
| 40 | 0,0875 | AVVLM71 | -16,6168 | 40-1 | 0,0875 |
| 40 | 0 | SW2 | -12,5305 | 40-1 | 0 |
| 40 | 0,04375 | SW2 | -12,5272 | 40-1 | 0,04375 |
| 40 | 0,0875 | SW2 | -12,5239 | 40-1 | 0,0875 |
| 40 | 0 | STSW2 | -11,9898 | 40-1 | 0 |
| 40 | 0,04375 | STSW2 | -12,4887 | 40-1 | 0,04375 |
| 40 | 0,0875 | STSW2 | -12,9876 | 40-1 | 0,0875 |
| 40 | 0 | FRENSW2 | -16,3758 | 40-1 | 0 |
| 40 | 0,04375 | FRENSW2 | -17,0024 | 40-1 | 0,04375 |
| 40 | 0,0875 | FRENSW2 | -17,6291 | 40-1 | 0,0875 |
| 40 | 0 | SERP | 0 | 40-1 | 0 |
| 40 | 0,04375 | SERP | 0 | 40-1 | 0,04375 |
| 40 | 0,0875 | SERP | 0 | 40-1 | 0,0875 |
| 40 | 0 | INCRTER | -13,6417 | 40-1 | 0 |
| 40 | 0,04375 | INCRTER | -14,2093 | 40-1 | 0,04375 |
| 40 | 0,0875 | INCRTER | -14,7769 | 40-1 | 0,0875 |
| 40 | 0 | LM71SISO | -5,8034 | 40-1 | 0 |
| 40 | 0,04375 | LM71SISO | -6,0255 | 40-1 | 0,04375 |
| 40 | 0,0875 | LM71SISO | -6,2476 | 40-1 | 0,0875 |
| 40 | 0 | SW2SISO | -4,5406 | 40-1 | 0 |
| 40 | 0,04375 | SW2SISO | -4,7144 | 40-1 | 0,04375 |
| 40 | 0,0875 | SW2SISO | -4,8881 | 40-1 | 0,0875 |
| 40 | 0 | SISMAO | -14,2027 | 40-1 | 0 |
| 40 | 0,04375 | SISMAO | -14,6531 | 40-1 | 0,04375 |
| 40 | 0,0875 | SISMAO | -15,099 | 40-1 | 0,0875 |
| 40 | 0 | LM71SVA | 0,4755 | 40-1 | 0 |
| 40 | 0,04375 | LM71SVA | 0,4754 | 40-1 | 0,04375 |
| 40 | 0,0875 | LM71SVA | 0,4752 | 40-1 | 0,0875 |
| 40 | 0 | SW2SVA | 0,3744 | 40-1 | 0 |
| 40 | 0,04375 | SW2SVA | 0,3743 | 40-1 | 0,04375 |
| 40 | 0,0875 | SW2SVA | 0,3742 | 40-1 | 0,0875 |
| 40 | 0 | SISMAVA | 0,9853 | 40-1 | 0 |
| 40 | 0,04375 | SISMAVA | 0,9685 | 40-1 | 0,04375 |
| 40 | 0,0875 | SISMAVA | 0,9518 | 40-1 | 0,0875 |
| 40 | 0 | LM71SVB | -0,4755 | 40-1 | 0 |
| 40 | 0,04375 | LM71SVB | -0,4754 | 40-1 | 0,04375 |
| 40 | 0,0875 | LM71SVB | -0,4752 | 40-1 | 0,0875 |
| 40 | 0 | SW2SVB | -0,3744 | 40-1 | 0 |
| 40 | 0,04375 | SW2SVB | -0,3743 | 40-1 | 0,04375 |
| 40 | 0,0875 | SW2SVB | -0,3742 | 40-1 | 0,0875 |
| 40 | 0 | SISMAVB | -0,9853 | 40-1 | 0 |
| 40 | 0,04375 | SISMAVB | -0,9685 | 40-1 | 0,04375 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 40 | 0,0875 | SISMAVB | -0,9518 | 40-1 | 0,0875 |
| 41 | 0 | PP | -1,0601 | 41-1 | 0 |
| 41 | 0,0875 | PP | -0,1942 | 41-1 | 0,0875 |
| 41 | 0 | REINTSUP | -1,653 | 41-1 | 0 |
| 41 | 0,0875 | REINTSUP | -0,9403 | 41-1 | 0,0875 |
| 41 | 0 | BALLAST | -3,6734 | 41-1 | 0 |
| 41 | 0,0875 | BALLAST | -2,0896 | 41-1 | 0,0875 |
| 41 | 0 | STERRASX | 6,8637 | 41-1 | 0 |
| 41 | 0,0875 | STERRASX | 6,1804 | 41-1 | 0,0875 |
| 41 | 0 | STERRADX | -11,4876 | 41-1 | 0 |
| 41 | 0,0875 | STERRADX | -10,8043 | 41-1 | 0,0875 |
| 41 | 0 | TERMP | -1,798 | 41-1 | 0 |
| 41 | 0,0875 | TERMP | -1,798 | 41-1 | 0,0875 |
| 41 | 0 | TERMN | 5,394 | 41-1 | 0 |
| 41 | 0,0875 | TERMN | 5,394 | 41-1 | 0,0875 |
| 41 | 0 | GRADTP | 10,1735 | 41-1 | 0 |
| 41 | 0,0875 | GRADTP | 10,1735 | 41-1 | 0,0875 |
| 41 | 0 | GRADTN | -10,1735 | 41-1 | 0 |
| 41 | 0,0875 | GRADTN | -10,1735 | 41-1 | 0,0875 |
| 41 | 0 | LM71C | -15,9723 | 41-1 | 0 |
| 41 | 0,0875 | LM71C | -9,0859 | 41-1 | 0,0875 |
| 41 | 0 | STLM71 | 10,8596 | 41-1 | 0 |
| 41 | 0,0875 | STLM71 | 9,8384 | 41-1 | 0,0875 |
| 41 | 0 | AVVLM71 | 16,6168 | 41-1 | 0 |
| 41 | 0,0875 | AVVLM71 | 15,3793 | 41-1 | 0,0875 |
| 41 | 0 | SW2 | -12,5239 | 41-1 | 0 |
| 41 | 0,0875 | SW2 | -7,1243 | 41-1 | 0,0875 |
| 41 | 0 | STSW2 | 8,5137 | 41-1 | 0 |
| 41 | 0,0875 | STSW2 | 7,7131 | 41-1 | 0,0875 |
| 41 | 0 | FRENSW2 | 17,6291 | 41-1 | 0 |
| 41 | 0,0875 | FRENSW2 | 16,3163 | 41-1 | 0,0875 |
| 41 | 0 | SERP | 0 | 41-1 | 0 |
| 41 | 0,0875 | SERP | 0 | 41-1 | 0,0875 |
| 41 | 0 | INCRTER | 9,6866 | 41-1 | 0 |
| 41 | 0,0875 | INCRTER | 8,7757 | 41-1 | 0,0875 |
| 41 | 0 | LM71SISO | 6,2476 | 41-1 | 0 |
| 41 | 0,0875 | LM71SISO | 5,7823 | 41-1 | 0,0875 |
| 41 | 0 | SW2SISO | 4,8881 | 41-1 | 0 |
| 41 | 0,0875 | SW2SISO | 4,5241 | 41-1 | 0,0875 |
| 41 | 0 | SISMAO | 15,099 | 41-1 | 0 |
| 41 | 0,0875 | SISMAO | 13,9746 | 41-1 | 0,0875 |
| 41 | 0 | LM71SVA | 0,4752 | 41-1 | 0 |
| 41 | 0,0875 | LM71SVA | 0,2703 | 41-1 | 0,0875 |
| 41 | 0 | SW2SVA | 0,3742 | 41-1 | 0 |
| 41 | 0,0875 | SW2SVA | 0,2129 | 41-1 | 0,0875 |
| 41 | 0 | SISMAVA | 0,9518 | 41-1 | 0 |
| 41 | 0,0875 | SISMAVA | 0,4806 | 41-1 | 0,0875 |
| 41 | 0 | LM71SVB | -0,4752 | 41-1 | 0 |
| 41 | 0,0875 | LM71SVB | -0,2703 | 41-1 | 0,0875 |
| 41 | 0 | SW2SVB | -0,3742 | 41-1 | 0 |
| 41 | 0,0875 | SW2SVB | -0,2129 | 41-1 | 0,0875 |
| 41 | 0 | SISMAVB | -0,9518 | 41-1 | 0 |
| 41 | 0,0875 | SISMAVB | -0,4806 | 41-1 | 0,0875 |
| 42 | 0 | PP | -0,1942 | 42-1 | 0 |
| 42 | 0,0875 | PP | 0,6046 | 42-1 | 0,0875 |
| 42 | 0 | REINTSUP | -0,9403 | 42-1 | 0 |
| 42 | 0,0875 | REINTSUP | -0,2828 | 42-1 | 0,0875 |
| 42 | 0 | BALLAST | -2,0896 | 42-1 | 0 |
| 42 | 0,0875 | BALLAST | -0,6284 | 42-1 | 0,0875 |
| 42 | 0 | STERRASX | 6,1804 | 42-1 | 0 |
| 42 | 0,0875 | STERRASX | 5,4971 | 42-1 | 0,0875 |
| 42 | 0 | STERRADX | -10,8043 | 42-1 | 0 |
| 42 | 0,0875 | STERRADX | -10,1211 | 42-1 | 0,0875 |
| 42 | 0 | TERMP | -1,798 | 42-1 | 0 |
| 42 | 0,0875 | TERMP | -1,798 | 42-1 | 0,0875 |
| 42 | 0 | TERMN | 5,394 | 42-1 | 0 |
| 42 | 0,0875 | TERMN | 5,394 | 42-1 | 0,0875 |
| 42 | 0 | GRADTP | 10,1735 | 42-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 42 | 0,0875 | GRADTP | 10,1735 | 42-1 | 0,0875 |
| 42 | 0 | GRADTN | -10,1735 | 42-1 | 0 |
| 42 | 0,0875 | GRADTN | -10,1735 | 42-1 | 0,0875 |
| 42 | 0 | LM71C | -9,0859 | 42-1 | 0 |
| 42 | 0,0875 | LM71C | -2,7322 | 42-1 | 0,0875 |
| 42 | 0 | STLM71 | 9,8384 | 42-1 | 0 |
| 42 | 0,0875 | STLM71 | 8,8172 | 42-1 | 0,0875 |
| 42 | 0 | AVVLM71 | 15,3793 | 42-1 | 0 |
| 42 | 0,0875 | AVVLM71 | 14,1419 | 42-1 | 0,0875 |
| 42 | 0 | SW2 | -7,1243 | 42-1 | 0 |
| 42 | 0,0875 | SW2 | -2,1424 | 42-1 | 0,0875 |
| 42 | 0 | STSW2 | 7,7131 | 42-1 | 0 |
| 42 | 0,0875 | STSW2 | 6,9125 | 42-1 | 0,0875 |
| 42 | 0 | FRENSW2 | 16,3163 | 42-1 | 0 |
| 42 | 0,0875 | FRENSW2 | 15,0035 | 42-1 | 0,0875 |
| 42 | 0 | SERP | 0 | 42-1 | 0 |
| 42 | 0,0875 | SERP | 0 | 42-1 | 0,0875 |
| 42 | 0 | INCRTER | 8,7757 | 42-1 | 0 |
| 42 | 0,0875 | INCRTER | 7,8649 | 42-1 | 0,0875 |
| 42 | 0 | LM71SISO | 5,7823 | 42-1 | 0 |
| 42 | 0,0875 | LM71SISO | 5,3171 | 42-1 | 0,0875 |
| 42 | 0 | SW2SISO | 4,5241 | 42-1 | 0 |
| 42 | 0,0875 | SW2SISO | 4,1601 | 42-1 | 0,0875 |
| 42 | 0 | SISMAO | 13,9746 | 42-1 | 0 |
| 42 | 0,0875 | SISMAO | 12,8502 | 42-1 | 0,0875 |
| 42 | 0 | LM71SVA | 0,2703 | 42-1 | 0 |
| 42 | 0,0875 | LM71SVA | 0,0813 | 42-1 | 0,0875 |
| 42 | 0 | SW2SVA | 0,2129 | 42-1 | 0 |
| 42 | 0,0875 | SW2SVA | 0,064 | 42-1 | 0,0875 |
| 42 | 0 | SISMAVA | 0,4806 | 42-1 | 0 |
| 42 | 0,0875 | SISMAVA | 0,0459 | 42-1 | 0,0875 |
| 42 | 0 | LM71SVB | -0,2703 | 42-1 | 0 |
| 42 | 0,0875 | LM71SVB | -0,0813 | 42-1 | 0,0875 |
| 42 | 0 | SW2SVB | -0,2129 | 42-1 | 0 |
| 42 | 0,0875 | SW2SVB | -0,064 | 42-1 | 0,0875 |
| 42 | 0 | SISMAVB | -0,4806 | 42-1 | 0 |
| 42 | 0,0875 | SISMAVB | -0,0459 | 42-1 | 0,0875 |
| 43 | 0 | PP | 0,6046 | 43-1 | 0 |
| 43 | 0,33333 | PP | 3,0345 | 43-1 | 0,33333 |
| 43 | 0,66667 | PP | 4,4924 | 43-1 | 0,66667 |
| 43 | 0 | REINTSUP | -0,2828 | 43-1 | 0 |
| 43 | 0,33333 | REINTSUP | 1,7172 | 43-1 | 0,33333 |
| 43 | 0,66667 | REINTSUP | 2,9172 | 43-1 | 0,66667 |
| 43 | 0 | BALLAST | -0,6284 | 43-1 | 0 |
| 43 | 0,33333 | BALLAST | 3,8161 | 43-1 | 0,33333 |
| 43 | 0,66667 | BALLAST | 6,4827 | 43-1 | 0,66667 |
| 43 | 0 | STERRASX | 5,4971 | 43-1 | 0 |
| 43 | 0,33333 | STERRASX | 2,8941 | 43-1 | 0,33333 |
| 43 | 0,66667 | STERRASX | 0,2911 | 43-1 | 0,66667 |
| 43 | 0 | STERRADX | -10,1211 | 43-1 | 0 |
| 43 | 0,33333 | STERRADX | -7,518 | 43-1 | 0,33333 |
| 43 | 0,66667 | STERRADX | -4,915 | 43-1 | 0,66667 |
| 43 | 0 | TERMP | -1,798 | 43-1 | 0 |
| 43 | 0,33333 | TERMP | -1,798 | 43-1 | 0,33333 |
| 43 | 0,66667 | TERMP | -1,798 | 43-1 | 0,66667 |
| 43 | 0 | TERMN | 5,394 | 43-1 | 0 |
| 43 | 0,33333 | TERMN | 5,394 | 43-1 | 0,33333 |
| 43 | 0,66667 | TERMN | 5,394 | 43-1 | 0,66667 |
| 43 | 0 | GRADTP | 10,1735 | 43-1 | 0 |
| 43 | 0,33333 | GRADTP | 10,1735 | 43-1 | 0,33333 |
| 43 | 0,66667 | GRADTP | 10,1735 | 43-1 | 0,66667 |
| 43 | 0 | GRADTN | -10,1735 | 43-1 | 0 |
| 43 | 0,33333 | GRADTN | -10,1735 | 43-1 | 0,33333 |
| 43 | 0,66667 | GRADTN | -10,1735 | 43-1 | 0,66667 |
| 43 | 0 | LM71C | -2,7322 | 43-1 | 0 |
| 43 | 0,33333 | LM71C | 16,5928 | 43-1 | 0,33333 |
| 43 | 0,66667 | LM71C | 28,1878 | 43-1 | 0,66667 |
| 43 | 0 | STLM71 | 8,8172 | 43-1 | 0 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 43 | 0,33333 | STLM71 | 4,927 | 43-1 | 0,33333 |
| 43 | 0,66667 | STLM71 | 1,0368 | 43-1 | 0,66667 |
| 43 | 0 | AVVLM71 | 14,1419 | 43-1 | 0 |
| 43 | 0,33333 | AVVLM71 | 9,4279 | 43-1 | 0,33333 |
| 43 | 0,66667 | AVVLM71 | 4,714 | 43-1 | 0,66667 |
| 43 | 0 | SW2 | -2,1424 | 43-1 | 0 |
| 43 | 0,33333 | SW2 | 13,0104 | 43-1 | 0,33333 |
| 43 | 0,66667 | SW2 | 22,1021 | 43-1 | 0,66667 |
| 43 | 0 | STSW2 | 6,9125 | 43-1 | 0 |
| 43 | 0,33333 | STSW2 | 3,8627 | 43-1 | 0,33333 |
| 43 | 0,66667 | STSW2 | 0,8129 | 43-1 | 0,66667 |
| 43 | 0 | FRENSW2 | 15,0035 | 43-1 | 0 |
| 43 | 0,33333 | FRENSW2 | 10,0023 | 43-1 | 0,33333 |
| 43 | 0,66667 | FRENSW2 | 5,0012 | 43-1 | 0,66667 |
| 43 | 0 | SERP | 0 | 43-1 | 0 |
| 43 | 0,33333 | SERP | 0 | 43-1 | 0,33333 |
| 43 | 0,66667 | SERP | 0 | 43-1 | 0,66667 |
| 43 | 0 | INCRTER | 7,8649 | 43-1 | 0 |
| 43 | 0,33333 | INCRTER | 4,3949 | 43-1 | 0,33333 |
| 43 | 0,66667 | INCRTER | 0,9249 | 43-1 | 0,66667 |
| 43 | 0 | LM71SISO | 5,3171 | 43-1 | 0 |
| 43 | 0,33333 | LM71SISO | 3,5447 | 43-1 | 0,33333 |
| 43 | 0,66667 | LM71SISO | 1,7724 | 43-1 | 0,66667 |
| 43 | 0 | SW2SISO | 4,1601 | 43-1 | 0 |
| 43 | 0,33333 | SW2SISO | 2,7734 | 43-1 | 0,33333 |
| 43 | 0,66667 | SW2SISO | 1,3867 | 43-1 | 0,66667 |
| 43 | 0 | SISMAO | 12,8502 | 43-1 | 0 |
| 43 | 0,33333 | SISMAO | 8,5668 | 43-1 | 0,33333 |
| 43 | 0,66667 | SISMAO | 4,2834 | 43-1 | 0,66667 |
| 43 | 0 | LM71SVA | 0,0813 | 43-1 | 0 |
| 43 | 0,33333 | LM71SVA | -0,4937 | 43-1 | 0,33333 |
| 43 | 0,66667 | LM71SVA | -0,8387 | 43-1 | 0,66667 |
| 43 | 0 | SW2SVA | 0,064 | 43-1 | 0 |
| 43 | 0,33333 | SW2SVA | -0,3888 | 43-1 | 0,33333 |
| 43 | 0,66667 | SW2SVA | -0,6604 | 43-1 | 0,66667 |
| 43 | 0 | SISMAVA | 0,0459 | 43-1 | 0 |
| 43 | 0,33333 | SISMAVA | -1,2763 | 43-1 | 0,33333 |
| 43 | 0,66667 | SISMAVA | -2,0697 | 43-1 | 0,66667 |
| 43 | 0 | LM71SVB | -0,0813 | 43-1 | 0 |
| 43 | 0,33333 | LM71SVB | 0,4937 | 43-1 | 0,33333 |
| 43 | 0,66667 | LM71SVB | 0,8387 | 43-1 | 0,66667 |
| 43 | 0 | SW2SVB | -0,064 | 43-1 | 0 |
| 43 | 0,33333 | SW2SVB | 0,3888 | 43-1 | 0,33333 |
| 43 | 0,66667 | SW2SVB | 0,6604 | 43-1 | 0,66667 |
| 43 | 0 | SISMAVB | -0,0459 | 43-1 | 0 |
| 43 | 0,33333 | SISMAVB | 1,2763 | 43-1 | 0,33333 |
| 43 | 0,66667 | SISMAVB | 2,0697 | 43-1 | 0,66667 |
| 44 | 0 | PP | 4,4924 | 44-1 | 0 |
| 44 | 0,33333 | PP | 4,9783 | 44-1 | 0,33333 |
| 44 | 0,66667 | PP | 4,4924 | 44-1 | 0,66667 |
| 44 | 0 | REINTSUP | 2,9172 | 44-1 | 0 |
| 44 | 0,33333 | REINTSUP | 3,3172 | 44-1 | 0,33333 |
| 44 | 0,66667 | REINTSUP | 2,9172 | 44-1 | 0,66667 |
| 44 | 0 | BALLAST | 6,4827 | 44-1 | 0 |
| 44 | 0,33333 | BALLAST | 7,3716 | 44-1 | 0,33333 |
| 44 | 0,66667 | BALLAST | 6,4827 | 44-1 | 0,66667 |
| 44 | 0 | STERRASX | 0,2911 | 44-1 | 0 |
| 44 | 0,33333 | STERRASX | -2,312 | 44-1 | 0,33333 |
| 44 | 0,66667 | STERRASX | -4,915 | 44-1 | 0,66667 |
| 44 | 0 | STERRADX | -4,915 | 44-1 | 0 |
| 44 | 0,33333 | STERRADX | -2,312 | 44-1 | 0,33333 |
| 44 | 0,66667 | STERRADX | 0,2911 | 44-1 | 0,66667 |
| 44 | 0 | TERMP | -1,798 | 44-1 | 0 |
| 44 | 0,33333 | TERMP | -1,798 | 44-1 | 0,33333 |
| 44 | 0,66667 | TERMP | -1,798 | 44-1 | 0,66667 |
| 44 | 0 | TERMN | 5,394 | 44-1 | 0 |
| 44 | 0,33333 | TERMN | 5,394 | 44-1 | 0,33333 |
| 44 | 0,66667 | TERMN | 5,394 | 44-1 | 0,66667 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station | OutputCase | M3 | FrameElem | ElemStation |
|-------|---------|------------|------------|-----------|-------------|
| | m | | KN-m | | m |
| 44 | 0 | GRADTP | 10,1735 | 44-1 | 0 |
| 44 | 0,33333 | GRADTP | 10,1735 | 44-1 | 0,33333 |
| 44 | 0,66667 | GRADTP | 10,1735 | 44-1 | 0,66667 |
| 44 | 0 | GRADTN | -10,1735 | 44-1 | 0 |
| 44 | 0,33333 | GRADTN | -10,1735 | 44-1 | 0,33333 |
| 44 | 0,66667 | GRADTN | -10,1735 | 44-1 | 0,66667 |
| 44 | 0 | LM71C | 28,1878 | 44-1 | 0 |
| 44 | 0,33333 | LM71C | 32,0528 | 44-1 | 0,33333 |
| 44 | 0,66667 | LM71C | 28,1878 | 44-1 | 0,66667 |
| 44 | 0 | STLM71 | 1,0368 | 44-1 | 0 |
| 44 | 0,33333 | STLM71 | -2,8533 | 44-1 | 0,33333 |
| 44 | 0,66667 | STLM71 | -6,7435 | 44-1 | 0,66667 |
| 44 | 0 | AVVLM71 | 4,714 | 44-1 | 0 |
| 44 | 0,33333 | AVVLM71 | -5,575E-12 | 44-1 | 0,33333 |
| 44 | 0,66667 | AVVLM71 | -4,714 | 44-1 | 0,66667 |
| 44 | 0 | SW2 | 22,1021 | 44-1 | 0 |
| 44 | 0,33333 | SW2 | 25,1326 | 44-1 | 0,33333 |
| 44 | 0,66667 | SW2 | 22,1021 | 44-1 | 0,66667 |
| 44 | 0 | STSW2 | 0,8129 | 44-1 | 0 |
| 44 | 0,33333 | STSW2 | -2,237 | 44-1 | 0,33333 |
| 44 | 0,66667 | STSW2 | -5,2868 | 44-1 | 0,66667 |
| 44 | 0 | FRENSW2 | 5,0012 | 44-1 | 0 |
| 44 | 0,33333 | FRENSW2 | -5,602E-12 | 44-1 | 0,33333 |
| 44 | 0,66667 | FRENSW2 | -5,0012 | 44-1 | 0,66667 |
| 44 | 0 | SERP | 0 | 44-1 | 0 |
| 44 | 0,33333 | SERP | 0 | 44-1 | 0,33333 |
| 44 | 0,66667 | SERP | 0 | 44-1 | 0,66667 |
| 44 | 0 | INCRTER | 0,9249 | 44-1 | 0 |
| 44 | 0,33333 | INCRTER | -2,5451 | 44-1 | 0,33333 |
| 44 | 0,66667 | INCRTER | -6,0152 | 44-1 | 0,66667 |
| 44 | 0 | LM71SISO | 1,7724 | 44-1 | 0 |
| 44 | 0,33333 | LM71SISO | -2,095E-12 | 44-1 | 0,33333 |
| 44 | 0,66667 | LM71SISO | -1,7724 | 44-1 | 0,66667 |
| 44 | 0 | SW2SISO | 1,3867 | 44-1 | 0 |
| 44 | 0,33333 | SW2SISO | -1,416E-12 | 44-1 | 0,33333 |
| 44 | 0,66667 | SW2SISO | -1,3867 | 44-1 | 0,66667 |
| 44 | 0 | SISMAO | 4,2834 | 44-1 | 0 |
| 44 | 0,33333 | SISMAO | -4,084E-12 | 44-1 | 0,33333 |
| 44 | 0,66667 | SISMAO | -4,2834 | 44-1 | 0,66667 |
| 44 | 0 | LM71SVA | -0,8387 | 44-1 | 0 |
| 44 | 0,33333 | LM71SVA | -0,9537 | 44-1 | 0,33333 |
| 44 | 0,66667 | LM71SVA | -0,8387 | 44-1 | 0,66667 |
| 44 | 0 | SW2SVA | -0,6604 | 44-1 | 0 |
| 44 | 0,33333 | SW2SVA | -0,751 | 44-1 | 0,33333 |
| 44 | 0,66667 | SW2SVA | -0,6604 | 44-1 | 0,66667 |
| 44 | 0 | SISMAVA | -2,0697 | 44-1 | 0 |
| 44 | 0,33333 | SISMAVA | -2,3341 | 44-1 | 0,33333 |
| 44 | 0,66667 | SISMAVA | -2,0697 | 44-1 | 0,66667 |
| 44 | 0 | LM71SVB | 0,8387 | 44-1 | 0 |
| 44 | 0,33333 | LM71SVB | 0,9537 | 44-1 | 0,33333 |
| 44 | 0,66667 | LM71SVB | 0,8387 | 44-1 | 0,66667 |
| 44 | 0 | SW2SVB | 0,6604 | 44-1 | 0 |
| 44 | 0,33333 | SW2SVB | 0,751 | 44-1 | 0,33333 |
| 44 | 0,66667 | SW2SVB | 0,6604 | 44-1 | 0,66667 |
| 44 | 0 | SISMAVB | 2,0697 | 44-1 | 0 |
| 44 | 0,33333 | SISMAVB | 2,3341 | 44-1 | 0,33333 |
| 44 | 0,66667 | SISMAVB | 2,0697 | 44-1 | 0,66667 |
| 45 | 0 | PP | 4,4924 | 45-1 | 0 |
| 45 | 0,33333 | PP | 3,0345 | 45-1 | 0,33333 |
| 45 | 0,66667 | PP | 0,6046 | 45-1 | 0,66667 |
| 45 | 0 | REINTSUP | 2,9172 | 45-1 | 0 |
| 45 | 0,33333 | REINTSUP | 1,7172 | 45-1 | 0,33333 |
| 45 | 0,66667 | REINTSUP | -0,2828 | 45-1 | 0,66667 |
| 45 | 0 | BALLAST | 6,4827 | 45-1 | 0 |
| 45 | 0,33333 | BALLAST | 3,8161 | 45-1 | 0,33333 |
| 45 | 0,66667 | BALLAST | -0,6284 | 45-1 | 0,66667 |
| 45 | 0 | STERRASX | -4,915 | 45-1 | 0 |
| 45 | 0,33333 | STERRASX | -7,518 | 45-1 | 0,33333 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 45 | 0,66667 | STERRASX | -10,1211 | 45-1 | 0,66667 |
| 45 | 0 | STERRADX | 0,2911 | 45-1 | 0 |
| 45 | 0,33333 | STERRADX | 2,8941 | 45-1 | 0,33333 |
| 45 | 0,66667 | STERRADX | 5,4971 | 45-1 | 0,66667 |
| 45 | 0 | TERMP | -1,798 | 45-1 | 0 |
| 45 | 0,33333 | TERMP | -1,798 | 45-1 | 0,33333 |
| 45 | 0,66667 | TERMP | -1,798 | 45-1 | 0,66667 |
| 45 | 0 | TERMN | 5,394 | 45-1 | 0 |
| 45 | 0,33333 | TERMN | 5,394 | 45-1 | 0,33333 |
| 45 | 0,66667 | TERMN | 5,394 | 45-1 | 0,66667 |
| 45 | 0 | GRADTP | 10,1735 | 45-1 | 0 |
| 45 | 0,33333 | GRADTP | 10,1735 | 45-1 | 0,33333 |
| 45 | 0,66667 | GRADTP | 10,1735 | 45-1 | 0,66667 |
| 45 | 0 | GRADTN | -10,1735 | 45-1 | 0 |
| 45 | 0,33333 | GRADTN | -10,1735 | 45-1 | 0,33333 |
| 45 | 0,66667 | GRADTN | -10,1735 | 45-1 | 0,66667 |
| 45 | 0 | LM71C | 28,1878 | 45-1 | 0 |
| 45 | 0,33333 | LM71C | 16,5928 | 45-1 | 0,33333 |
| 45 | 0,66667 | LM71C | -2,7322 | 45-1 | 0,66667 |
| 45 | 0 | STLM71 | -6,7435 | 45-1 | 0 |
| 45 | 0,33333 | STLM71 | -10,6337 | 45-1 | 0,33333 |
| 45 | 0,66667 | STLM71 | -14,5239 | 45-1 | 0,66667 |
| 45 | 0 | AVVLM71 | -4,714 | 45-1 | 0 |
| 45 | 0,33333 | AVVLM71 | -9,4279 | 45-1 | 0,33333 |
| 45 | 0,66667 | AVVLM71 | -14,1419 | 45-1 | 0,66667 |
| 45 | 0 | SW2 | 22,1021 | 45-1 | 0 |
| 45 | 0,33333 | SW2 | 13,0104 | 45-1 | 0,33333 |
| 45 | 0,66667 | SW2 | -2,1424 | 45-1 | 0,66667 |
| 45 | 0 | STSW2 | -5,2868 | 45-1 | 0 |
| 45 | 0,33333 | STSW2 | -8,3366 | 45-1 | 0,33333 |
| 45 | 0,66667 | STSW2 | -11,3864 | 45-1 | 0,66667 |
| 45 | 0 | FRENSW2 | -5,0012 | 45-1 | 0 |
| 45 | 0,33333 | FRENSW2 | -10,0023 | 45-1 | 0,33333 |
| 45 | 0,66667 | FRENSW2 | -15,0035 | 45-1 | 0,66667 |
| 45 | 0 | SERP | 0 | 45-1 | 0 |
| 45 | 0,33333 | SERP | 0 | 45-1 | 0,33333 |
| 45 | 0,66667 | SERP | 0 | 45-1 | 0,66667 |
| 45 | 0 | INCRTER | -6,0152 | 45-1 | 0 |
| 45 | 0,33333 | INCRTER | -9,4852 | 45-1 | 0,33333 |
| 45 | 0,66667 | INCRTER | -12,9552 | 45-1 | 0,66667 |
| 45 | 0 | LM71SISO | -1,7724 | 45-1 | 0 |
| 45 | 0,33333 | LM71SISO | -3,5447 | 45-1 | 0,33333 |
| 45 | 0,66667 | LM71SISO | -5,3171 | 45-1 | 0,66667 |
| 45 | 0 | SW2SISO | -1,3867 | 45-1 | 0 |
| 45 | 0,33333 | SW2SISO | -2,7734 | 45-1 | 0,33333 |
| 45 | 0,66667 | SW2SISO | -4,1601 | 45-1 | 0,66667 |
| 45 | 0 | SISMAO | -4,2834 | 45-1 | 0 |
| 45 | 0,33333 | SISMAO | -8,5668 | 45-1 | 0,33333 |
| 45 | 0,66667 | SISMAO | -12,8502 | 45-1 | 0,66667 |
| 45 | 0 | LM71SVA | -0,8387 | 45-1 | 0 |
| 45 | 0,33333 | LM71SVA | -0,4937 | 45-1 | 0,33333 |
| 45 | 0,66667 | LM71SVA | 0,0813 | 45-1 | 0,66667 |
| 45 | 0 | SW2SVA | -0,6604 | 45-1 | 0 |
| 45 | 0,33333 | SW2SVA | -0,3888 | 45-1 | 0,33333 |
| 45 | 0,66667 | SW2SVA | 0,064 | 45-1 | 0,66667 |
| 45 | 0 | SISMAVA | -2,0697 | 45-1 | 0 |
| 45 | 0,33333 | SISMAVA | -1,2763 | 45-1 | 0,33333 |
| 45 | 0,66667 | SISMAVA | 0,0459 | 45-1 | 0,66667 |
| 45 | 0 | LM71SVB | 0,8387 | 45-1 | 0 |
| 45 | 0,33333 | LM71SVB | 0,4937 | 45-1 | 0,33333 |
| 45 | 0,66667 | LM71SVB | -0,0813 | 45-1 | 0,66667 |
| 45 | 0 | SW2SVB | 0,6604 | 45-1 | 0 |
| 45 | 0,33333 | SW2SVB | 0,3888 | 45-1 | 0,33333 |
| 45 | 0,66667 | SW2SVB | -0,064 | 45-1 | 0,66667 |
| 45 | 0 | SISMAVB | 2,0697 | 45-1 | 0 |
| 45 | 0,33333 | SISMAVB | 1,2763 | 45-1 | 0,33333 |
| 45 | 0,66667 | SISMAVB | -0,0459 | 45-1 | 0,66667 |
| 46 | 0 | PP | 0,6046 | 46-1 | 0 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 46 | 0,0875 | PP | -0,1942 | 46-1 | 0,0875 |
| 46 | 0 | REINTSUP | -0,2828 | 46-1 | 0 |
| 46 | 0,0875 | REINTSUP | -0,9403 | 46-1 | 0,0875 |
| 46 | 0 | BALLAST | -0,6284 | 46-1 | 0 |
| 46 | 0,0875 | BALLAST | -2,0896 | 46-1 | 0,0875 |
| 46 | 0 | STERRASX | -10,1211 | 46-1 | 0 |
| 46 | 0,0875 | STERRASX | -10,8043 | 46-1 | 0,0875 |
| 46 | 0 | STERRADX | 5,4971 | 46-1 | 0 |
| 46 | 0,0875 | STERRADX | 6,1804 | 46-1 | 0,0875 |
| 46 | 0 | TERMP | -1,798 | 46-1 | 0 |
| 46 | 0,0875 | TERMP | -1,798 | 46-1 | 0,0875 |
| 46 | 0 | TERMN | 5,394 | 46-1 | 0 |
| 46 | 0,0875 | TERMN | 5,394 | 46-1 | 0,0875 |
| 46 | 0 | GRADTP | 10,1735 | 46-1 | 0 |
| 46 | 0,0875 | GRADTP | 10,1735 | 46-1 | 0,0875 |
| 46 | 0 | GRADTN | -10,1735 | 46-1 | 0 |
| 46 | 0,0875 | GRADTN | -10,1735 | 46-1 | 0,0875 |
| 46 | 0 | LM71C | -2,7322 | 46-1 | 0 |
| 46 | 0,0875 | LM71C | -9,0859 | 46-1 | 0,0875 |
| 46 | 0 | STLM71 | -14,5239 | 46-1 | 0 |
| 46 | 0,0875 | STLM71 | -15,5451 | 46-1 | 0,0875 |
| 46 | 0 | AVVLM71 | -14,1419 | 46-1 | 0 |
| 46 | 0,0875 | AVVLM71 | -15,3793 | 46-1 | 0,0875 |
| 46 | 0 | SW2 | -2,1424 | 46-1 | 0 |
| 46 | 0,0875 | SW2 | -7,1243 | 46-1 | 0,0875 |
| 46 | 0 | STSW2 | -11,3864 | 46-1 | 0 |
| 46 | 0,0875 | STSW2 | -12,187 | 46-1 | 0,0875 |
| 46 | 0 | FRENSW2 | -15,0035 | 46-1 | 0 |
| 46 | 0,0875 | FRENSW2 | -16,3163 | 46-1 | 0,0875 |
| 46 | 0 | SERP | 0 | 46-1 | 0 |
| 46 | 0,0875 | SERP | 0 | 46-1 | 0,0875 |
| 46 | 0 | INCRTER | -12,9552 | 46-1 | 0 |
| 46 | 0,0875 | INCRTER | -13,866 | 46-1 | 0,0875 |
| 46 | 0 | LM71SISO | -5,3171 | 46-1 | 0 |
| 46 | 0,0875 | LM71SISO | -5,7823 | 46-1 | 0,0875 |
| 46 | 0 | SW2SISO | -4,1601 | 46-1 | 0 |
| 46 | 0,0875 | SW2SISO | -4,5241 | 46-1 | 0,0875 |
| 46 | 0 | SISMAO | -12,8502 | 46-1 | 0 |
| 46 | 0,0875 | SISMAO | -13,9746 | 46-1 | 0,0875 |
| 46 | 0 | LM71SVA | 0,0813 | 46-1 | 0 |
| 46 | 0,0875 | LM71SVA | 0,2703 | 46-1 | 0,0875 |
| 46 | 0 | SW2SVA | 0,064 | 46-1 | 0 |
| 46 | 0,0875 | SW2SVA | 0,2129 | 46-1 | 0,0875 |
| 46 | 0 | SISMAVA | 0,0459 | 46-1 | 0 |
| 46 | 0,0875 | SISMAVA | 0,4806 | 46-1 | 0,0875 |
| 46 | 0 | LM71SVB | -0,0813 | 46-1 | 0 |
| 46 | 0,0875 | LM71SVB | -0,2703 | 46-1 | 0,0875 |
| 46 | 0 | SW2SVB | -0,064 | 46-1 | 0 |
| 46 | 0,0875 | SW2SVB | -0,2129 | 46-1 | 0,0875 |
| 46 | 0 | SISMAVB | -0,0459 | 46-1 | 0 |
| 46 | 0,0875 | SISMAVB | -0,4806 | 46-1 | 0,0875 |
| 47 | 0 | PP | -0,1942 | 47-1 | 0 |
| 47 | 0,0875 | PP | -1,0601 | 47-1 | 0,0875 |
| 47 | 0 | REINTSUP | -0,9403 | 47-1 | 0 |
| 47 | 0,0875 | REINTSUP | -1,653 | 47-1 | 0,0875 |
| 47 | 0 | BALLAST | -2,0896 | 47-1 | 0 |
| 47 | 0,0875 | BALLAST | -3,6734 | 47-1 | 0,0875 |
| 47 | 0 | STERRASX | -10,8043 | 47-1 | 0 |
| 47 | 0,0875 | STERRASX | -11,4876 | 47-1 | 0,0875 |
| 47 | 0 | STERRADX | 6,1804 | 47-1 | 0 |
| 47 | 0,0875 | STERRADX | 6,8637 | 47-1 | 0,0875 |
| 47 | 0 | TERMP | -1,798 | 47-1 | 0 |
| 47 | 0,0875 | TERMP | -1,798 | 47-1 | 0,0875 |
| 47 | 0 | TERMN | 5,394 | 47-1 | 0 |
| 47 | 0,0875 | TERMN | 5,394 | 47-1 | 0,0875 |
| 47 | 0 | GRADTP | 10,1735 | 47-1 | 0 |
| 47 | 0,0875 | GRADTP | 10,1735 | 47-1 | 0,0875 |
| 47 | 0 | GRADTN | -10,1735 | 47-1 | 0 |



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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 47 | 0,0875 | GRADTN | -10,1735 | 47-1 | 0,0875 |
| 47 | 0 | LM71C | -9,0859 | 47-1 | 0 |
| 47 | 0,0875 | LM71C | -15,9723 | 47-1 | 0,0875 |
| 47 | 0 | STLM71 | -15,5451 | 47-1 | 0 |
| 47 | 0,0875 | STLM71 | -16,5662 | 47-1 | 0,0875 |
| 47 | 0 | AVVLM71 | -15,3793 | 47-1 | 0 |
| 47 | 0,0875 | AVVLM71 | -16,6168 | 47-1 | 0,0875 |
| 47 | 0 | SW2 | -7,1243 | 47-1 | 0 |
| 47 | 0,0875 | SW2 | -12,5239 | 47-1 | 0,0875 |
| 47 | 0 | STSW2 | -12,187 | 47-1 | 0 |
| 47 | 0,0875 | STSW2 | -12,9876 | 47-1 | 0,0875 |
| 47 | 0 | FRENSW2 | -16,3163 | 47-1 | 0 |
| 47 | 0,0875 | FRENSW2 | -17,6291 | 47-1 | 0,0875 |
| 47 | 0 | SERP | 0 | 47-1 | 0 |
| 47 | 0,0875 | SERP | 0 | 47-1 | 0,0875 |
| 47 | 0 | INCRTER | -13,866 | 47-1 | 0 |
| 47 | 0,0875 | INCRTER | -14,7769 | 47-1 | 0,0875 |
| 47 | 0 | LM71SISO | -5,7823 | 47-1 | 0 |
| 47 | 0,0875 | LM71SISO | -6,2476 | 47-1 | 0,0875 |
| 47 | 0 | SW2SISO | -4,5241 | 47-1 | 0 |
| 47 | 0,0875 | SW2SISO | -4,8881 | 47-1 | 0,0875 |
| 47 | 0 | SISMAO | -13,9746 | 47-1 | 0 |
| 47 | 0,0875 | SISMAO | -15,099 | 47-1 | 0,0875 |
| 47 | 0 | LM71SVA | 0,2703 | 47-1 | 0 |
| 47 | 0,0875 | LM71SVA | 0,4752 | 47-1 | 0,0875 |
| 47 | 0 | SW2SVA | 0,2129 | 47-1 | 0 |
| 47 | 0,0875 | SW2SVA | 0,3742 | 47-1 | 0,0875 |
| 47 | 0 | SISMAVA | 0,4806 | 47-1 | 0 |
| 47 | 0,0875 | SISMAVA | 0,9518 | 47-1 | 0,0875 |
| 47 | 0 | LM71SVB | -0,2703 | 47-1 | 0 |
| 47 | 0,0875 | LM71SVB | -0,4752 | 47-1 | 0,0875 |
| 47 | 0 | SW2SVB | -0,2129 | 47-1 | 0 |
| 47 | 0,0875 | SW2SVB | -0,3742 | 47-1 | 0,0875 |
| 47 | 0 | SISMAVB | -0,4806 | 47-1 | 0 |
| 47 | 0,0875 | SISMAVB | -0,9518 | 47-1 | 0,0875 |

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

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

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| Frame | LoadPat | CoordSys | Type | Dir | DistType | RelDistA |
|-------|----------|----------|-------|-----|----------|----------|
| 29 | SISMAVA | GLOBAL | Force | Z | RelDist | 0,5 |
| 29 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 29 | SISMAVB | GLOBAL | Force | Z | RelDist | 0,5 |
| 29 | STERRASX | GLOBAL | Force | X | RelDist | 0 |
| 29 | STLM71 | GLOBAL | Force | X | RelDist | 0 |
| 29 | STLM71 | GLOBAL | Force | X | RelDist | 0,5 |
| 29 | STSW2 | GLOBAL | Force | X | RelDist | 0 |
| 29 | STSW2 | GLOBAL | Force | X | RelDist | 0,5 |
| 30 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 30 | SISMAO | GLOBAL | Force | X | RelDist | 0,5 |
| 30 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 30 | SISMAVA | GLOBAL | Force | Z | RelDist | 0,5 |
| 30 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 30 | SISMAVB | GLOBAL | Force | Z | RelDist | 0,5 |
| 30 | STERRADX | GLOBAL | Force | X | RelDist | 0 |
| 31 | INCRTER | GLOBAL | Force | X | RelDist | 0 |
| 31 | INCRTER | GLOBAL | Force | X | RelDist | 0,5 |
| 31 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 31 | SISMAO | GLOBAL | Force | X | RelDist | 0,5 |
| 31 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 31 | SISMAVA | GLOBAL | Force | Z | RelDist | 0,5 |
| 31 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 31 | SISMAVB | GLOBAL | Force | Z | RelDist | 0,5 |
| 31 | STERRASX | GLOBAL | Force | X | RelDist | 0 |
| 31 | STLM71 | GLOBAL | Force | X | RelDist | 0 |
| 31 | STLM71 | GLOBAL | Force | X | RelDist | 0,5 |
| 31 | STSW2 | GLOBAL | Force | X | RelDist | 0 |
| 31 | STSW2 | GLOBAL | Force | X | RelDist | 0,5 |
| 32 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 32 | SISMAO | GLOBAL | Force | X | RelDist | 0,5 |
| 32 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 32 | SISMAVA | GLOBAL | Force | Z | RelDist | 0,5 |
| 32 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 32 | SISMAVB | GLOBAL | Force | Z | RelDist | 0,5 |
| 32 | STERRADX | GLOBAL | Force | X | RelDist | 0 |
| 33 | INCRTER | GLOBAL | Force | X | RelDist | 0 |
| 33 | INCRTER | GLOBAL | Force | X | RelDist | 0,5 |
| 33 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 33 | SISMAO | GLOBAL | Force | X | RelDist | 0,5 |
| 33 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 33 | SISMAVA | GLOBAL | Force | Z | RelDist | 0,5 |
| 33 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 33 | SISMAVB | GLOBAL | Force | Z | RelDist | 0,5 |
| 33 | STERRASX | GLOBAL | Force | X | RelDist | 0 |
| 33 | STLM71 | GLOBAL | Force | X | RelDist | 0 |
| 33 | STLM71 | GLOBAL | Force | X | RelDist | 0,5 |
| 33 | STSW2 | GLOBAL | Force | X | RelDist | 0 |
| 33 | STSW2 | GLOBAL | Force | X | RelDist | 0,5 |
| 34 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 34 | SISMAO | GLOBAL | Force | X | RelDist | 0,5 |
| 34 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 34 | SISMAVA | GLOBAL | Force | Z | RelDist | 0,5 |
| 34 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 34 | SISMAVB | GLOBAL | Force | Z | RelDist | 0,5 |
| 34 | STERRADX | GLOBAL | Force | X | RelDist | 0 |
| 35 | INCRTER | GLOBAL | Force | X | RelDist | 0 |
| 35 | INCRTER | GLOBAL | Force | X | RelDist | 0,5 |
| 35 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 35 | SISMAO | GLOBAL | Force | X | RelDist | 0,5 |
| 35 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 35 | SISMAVA | GLOBAL | Force | Z | RelDist | 0,5 |
| 35 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 35 | SISMAVB | GLOBAL | Force | Z | RelDist | 0,5 |
| 35 | STERRASX | GLOBAL | Force | X | RelDist | 0 |
| 35 | STLM71 | GLOBAL | Force | X | RelDist | 0 |
| 35 | STLM71 | GLOBAL | Force | X | RelDist | 0,5 |
| 35 | STSW2 | GLOBAL | Force | X | RelDist | 0 |
| 35 | STSW2 | GLOBAL | Force | X | RelDist | 0,5 |

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| Frame | LoadPat | CoordSys | Type | Dir | DistType | RelDistA |
|-------|----------|----------|-------|---------|----------|----------|
| 36 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 36 | SISMAO | GLOBAL | Force | X | RelDist | 0,5 |
| 36 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 36 | SISMAVA | GLOBAL | Force | Z | RelDist | 0,5 |
| 36 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 36 | SISMAVB | GLOBAL | Force | Z | RelDist | 0,5 |
| 36 | STERRADX | GLOBAL | Force | X | RelDist | 0 |
| 37 | INCRTER | GLOBAL | Force | X | RelDist | 0 |
| 37 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 37 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 37 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 37 | STERRASX | GLOBAL | Force | X | RelDist | 0 |
| 37 | STLM71 | GLOBAL | Force | X | RelDist | 0 |
| 37 | STSW2 | GLOBAL | Force | X | RelDist | 0 |
| 38 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 38 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 38 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 38 | STERRADX | GLOBAL | Force | X | RelDist | 0 |
| 39 | INCRTER | GLOBAL | Force | X | RelDist | 0 |
| 39 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 39 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 39 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 39 | STERRASX | GLOBAL | Force | X | RelDist | 0 |
| 39 | STLM71 | GLOBAL | Force | X | RelDist | 0 |
| 39 | STSW2 | GLOBAL | Force | X | RelDist | 0 |
| 40 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 40 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 40 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 40 | STERRADX | GLOBAL | Force | X | RelDist | 0 |
| 41 | AVVLM71 | GLOBAL | Force | X | RelDist | 0 |
| 41 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0 |
| 41 | FRENSW2 | GLOBAL | Force | X | RelDist | 0 |
| 41 | LM71C | GLOBAL | Force | Gravity | RelDist | 0 |
| 41 | LM71SISO | GLOBAL | Force | X | RelDist | 0 |
| 41 | LM71SVA | GLOBAL | Force | Z | RelDist | 0 |
| 41 | LM71SVB | GLOBAL | Force | Z | RelDist | 0 |
| 41 | REINTSUP | GLOBAL | Force | Gravity | RelDist | 0 |
| 41 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 41 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 41 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 41 | SW2 | GLOBAL | Force | Gravity | RelDist | 0 |
| 41 | SW2SISO | GLOBAL | Force | X | RelDist | 0 |
| 41 | SW2SVA | GLOBAL | Force | Z | RelDist | 0 |
| 41 | SW2SVB | GLOBAL | Force | Z | RelDist | 0 |
| 42 | AVVLM71 | GLOBAL | Force | X | RelDist | 0 |
| 42 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0 |
| 42 | FRENSW2 | GLOBAL | Force | X | RelDist | 0 |
| 42 | LM71C | GLOBAL | Force | Gravity | RelDist | 0 |
| 42 | LM71SISO | GLOBAL | Force | X | RelDist | 0 |
| 42 | LM71SVA | GLOBAL | Force | Z | RelDist | 0 |
| 42 | LM71SVB | GLOBAL | Force | Z | RelDist | 0 |
| 42 | REINTSUP | GLOBAL | Force | Gravity | RelDist | 0 |
| 42 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 42 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 42 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 42 | SW2 | GLOBAL | Force | Gravity | RelDist | 0 |
| 42 | SW2SISO | GLOBAL | Force | X | RelDist | 0 |
| 42 | SW2SVA | GLOBAL | Force | Z | RelDist | 0 |
| 42 | SW2SVB | GLOBAL | Force | Z | RelDist | 0 |
| 43 | AVVLM71 | GLOBAL | Force | X | RelDist | 0 |
| 43 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0 |
| 43 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0,6 |
| 43 | FRENSW2 | GLOBAL | Force | X | RelDist | 0 |
| 43 | FRENSW2 | GLOBAL | Force | X | RelDist | 0,6 |
| 43 | LM71C | GLOBAL | Force | Gravity | RelDist | 0 |
| 43 | LM71C | GLOBAL | Force | Gravity | RelDist | 0,6 |
| 43 | LM71SISO | GLOBAL | Force | X | RelDist | 0 |
| 43 | LM71SISO | GLOBAL | Force | X | RelDist | 0,6 |

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| Frame | LoadPat | CoordSys | Type | Dir | DistType | RelDistA |
|-------|----------|----------|-------|---------|----------|----------|
| 43 | LM71SVA | GLOBAL | Force | Z | RelDist | 0 |
| 43 | LM71SVA | GLOBAL | Force | Z | RelDist | 0,6 |
| 43 | LM71SVB | GLOBAL | Force | Z | RelDist | 0 |
| 43 | LM71SVB | GLOBAL | Force | Z | RelDist | 0,6 |
| 43 | REINTSUP | GLOBAL | Force | Gravity | RelDist | 0 |
| 43 | REINTSUP | GLOBAL | Force | Gravity | RelDist | 0,6 |
| 43 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 43 | SISMAO | GLOBAL | Force | X | RelDist | 0,6 |
| 43 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 43 | SISMAVA | GLOBAL | Force | Z | RelDist | 0,6 |
| 43 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 43 | SISMAVB | GLOBAL | Force | Z | RelDist | 0,6 |
| 43 | SW2 | GLOBAL | Force | Gravity | RelDist | 0 |
| 43 | SW2 | GLOBAL | Force | Gravity | RelDist | 0,6 |
| 43 | SW2SISO | GLOBAL | Force | X | RelDist | 0 |
| 43 | SW2SISO | GLOBAL | Force | X | RelDist | 0,6 |
| 43 | SW2SVA | GLOBAL | Force | Z | RelDist | 0 |
| 43 | SW2SVA | GLOBAL | Force | Z | RelDist | 0,6 |
| 43 | SW2SVB | GLOBAL | Force | Z | RelDist | 0 |
| 43 | SW2SVB | GLOBAL | Force | Z | RelDist | 0,6 |
| 44 | AVVLM71 | GLOBAL | Force | X | RelDist | 0 |
| 44 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0 |
| 44 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0,2 |
| 44 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0,8 |
| 44 | FRENSW2 | GLOBAL | Force | X | RelDist | 0 |
| 44 | FRENSW2 | GLOBAL | Force | X | RelDist | 0,2 |
| 44 | FRENSW2 | GLOBAL | Force | X | RelDist | 0,8 |
| 44 | LM71C | GLOBAL | Force | Gravity | RelDist | 0 |
| 44 | LM71C | GLOBAL | Force | Gravity | RelDist | 0,2 |
| 44 | LM71C | GLOBAL | Force | Gravity | RelDist | 0,8 |
| 44 | LM71SISO | GLOBAL | Force | X | RelDist | 0 |
| 44 | LM71SISO | GLOBAL | Force | X | RelDist | 0,2 |
| 44 | LM71SISO | GLOBAL | Force | X | RelDist | 0,8 |
| 44 | LM71SVA | GLOBAL | Force | Z | RelDist | 0 |
| 44 | LM71SVA | GLOBAL | Force | Z | RelDist | 0,2 |
| 44 | LM71SVA | GLOBAL | Force | Z | RelDist | 0,8 |
| 44 | LM71SVB | GLOBAL | Force | Z | RelDist | 0 |
| 44 | LM71SVB | GLOBAL | Force | Z | RelDist | 0,2 |
| 44 | LM71SVB | GLOBAL | Force | Z | RelDist | 0,8 |
| 44 | REINTSUP | GLOBAL | Force | Gravity | RelDist | 0 |
| 44 | REINTSUP | GLOBAL | Force | Gravity | RelDist | 0,2 |
| 44 | REINTSUP | GLOBAL | Force | Gravity | RelDist | 0,8 |
| 44 | SISMAO | GLOBAL | Force | X | RelDist | 0 |
| 44 | SISMAO | GLOBAL | Force | X | RelDist | 0,2 |
| 44 | SISMAO | GLOBAL | Force | X | RelDist | 0,8 |
| 44 | SISMAVA | GLOBAL | Force | Z | RelDist | 0 |
| 44 | SISMAVA | GLOBAL | Force | Z | RelDist | 0,2 |
| 44 | SISMAVA | GLOBAL | Force | Z | RelDist | 0,8 |
| 44 | SISMAVB | GLOBAL | Force | Z | RelDist | 0 |
| 44 | SISMAVB | GLOBAL | Force | Z | RelDist | 0,2 |
| 44 | SISMAVB | GLOBAL | Force | Z | RelDist | 0,8 |
| 44 | SW2 | GLOBAL | Force | Gravity | RelDist | 0 |
| 44 | SW2 | GLOBAL | Force | Gravity | RelDist | 0,2 |
| 44 | SW2 | GLOBAL | Force | Gravity | RelDist | 0,8 |
| 44 | SW2SISO | GLOBAL | Force | X | RelDist | 0 |
| 44 | SW2SISO | GLOBAL | Force | X | RelDist | 0,2 |
| 44 | SW2SISO | GLOBAL | Force | X | RelDist | 0,8 |
| 44 | SW2SVA | GLOBAL | Force | Z | RelDist | 0 |
| 44 | SW2SVA | GLOBAL | Force | Z | RelDist | 0,2 |
| 44 | SW2SVA | GLOBAL | Force | Z | RelDist | 0,8 |
| 44 | SW2SVB | GLOBAL | Force | Z | RelDist | 0 |
| 44 | SW2SVB | GLOBAL | Force | Z | RelDist | 0,2 |
| 44 | SW2SVB | GLOBAL | Force | Z | RelDist | 0,8 |
| 45 | AVVLM71 | GLOBAL | Force | X | RelDist | 0 |
| 45 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0 |
| 45 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0,4 |
| 45 | FRENSW2 | GLOBAL | Force | X | RelDist | 0 |
| 45 | FRENSW2 | GLOBAL | Force | X | RelDist | 0,4 |

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

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

| Frame | LoadPat | RelDistB | AbsDistA | AbsDistB | FOverLA | FOverLB |
|-------|----------|----------|----------|----------|---------|---------|
| | | | m | m | KN/m | KN/m |
| 25 | INCRTER | 1 | 0 | 0,0875 | 22,05 | 22,05 |
| 25 | SISMAO | 1 | 0 | 0,0875 | 2,36 | 2,36 |
| 25 | SISMAVA | 1 | 0 | 0,0875 | 1,3 | 1,3 |
| 25 | SISMAVB | 1 | 0 | 0,0875 | -1,3 | -1,3 |
| 25 | STERRASX | 1 | 0 | 0,0875 | 30,92 | 30,17 |
| 25 | STLM71 | 1 | 0 | 0,0875 | 24,72 | 24,72 |
| 25 | STSW2 | 1 | 0 | 0,0875 | 19,38 | 19,38 |
| 26 | SISMAO | 1 | 0 | 0,0875 | 2,36 | 2,36 |

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| Frame | LoadPat | RelDistB | AbsDistA | AbsDistB | FOverLA | FOverLB |
|-------|----------|----------|----------|----------|---------|---------|
| | | | m | m | KN/m | KN/m |
| 26 | SISMAVA | 1 | 0 | 0,0875 | 1,3 | 1,3 |
| 26 | SISMAVB | 1 | 0 | 0,0875 | -1,3 | -1,3 |
| 26 | STERRADX | 1 | 0 | 0,0875 | -30,92 | -30,17 |
| 27 | INCRTER | 1 | 0 | 0,0875 | 22,05 | 22,05 |
| 27 | SISMAO | 1 | 0 | 0,0875 | 2,36 | 2,36 |
| 27 | SISMAVA | 1 | 0 | 0,0875 | 1,3 | 1,3 |
| 27 | SISMAVB | 1 | 0 | 0,0875 | -1,3 | -1,3 |
| 27 | STERRASX | 1 | 0 | 0,0875 | 30,17 | 29,42 |
| 27 | STLM71 | 1 | 0 | 0,0875 | 24,72 | 24,72 |
| 27 | STSW2 | 1 | 0 | 0,0875 | 19,38 | 19,38 |
| 28 | SISMAO | 1 | 0 | 0,0875 | 2,36 | 2,36 |
| 28 | SISMAVA | 1 | 0 | 0,0875 | 1,3 | 1,3 |
| 28 | SISMAVB | 1 | 0 | 0,0875 | -1,3 | -1,3 |
| 28 | STERRADX | 1 | 0 | 0,0875 | -30,17 | -29,42 |
| 29 | INCRTER | 0,5 | 0 | 0,25 | 22,05 | 22,05 |
| 29 | INCRTER | 1 | 0,25 | 0,5 | 22,05 | 22,05 |
| 29 | SISMAO | 0,5 | 0 | 0,25 | 2,36 | 2,36 |
| 29 | SISMAO | 1 | 0,25 | 0,5 | 2,36 | 2,36 |
| 29 | SISMAVA | 0,5 | 0 | 0,25 | 1,3 | 1,3 |
| 29 | SISMAVA | 1 | 0,25 | 0,5 | 1,3 | 1,3 |
| 29 | SISMAVB | 0,5 | 0 | 0,25 | -1,3 | -1,3 |
| 29 | SISMAVB | 1 | 0,25 | 0,5 | -1,3 | -1,3 |
| 29 | STERRASX | 1 | 0 | 0,5 | 29,42 | 25,16 |
| 29 | STLM71 | 0,5 | 0 | 0,25 | 24,72 | 24,72 |
| 29 | STLM71 | 1 | 0,25 | 0,5 | 24,72 | 24,72 |
| 29 | STSW2 | 0,5 | 0 | 0,25 | 19,38 | 19,38 |
| 29 | STSW2 | 1 | 0,25 | 0,5 | 19,38 | 19,38 |
| 30 | SISMAO | 0,5 | 0 | 0,25 | 2,36 | 2,36 |
| 30 | SISMAO | 1 | 0,25 | 0,5 | 2,36 | 2,36 |
| 30 | SISMAVA | 0,5 | 0 | 0,25 | 1,3 | 1,3 |
| 30 | SISMAVA | 1 | 0,25 | 0,5 | 1,3 | 1,3 |
| 30 | SISMAVB | 0,5 | 0 | 0,25 | -1,3 | -1,3 |
| 30 | SISMAVB | 1 | 0,25 | 0,5 | -1,3 | -1,3 |
| 30 | STERRADX | 1 | 0 | 0,5 | -29,42 | -25,16 |
| 31 | INCRTER | 0,5 | 0 | 0,25 | 22,05 | 22,05 |
| 31 | INCRTER | 1 | 0,25 | 0,5 | 22,05 | 22,05 |
| 31 | SISMAO | 0,5 | 0 | 0,25 | 2,36 | 2,36 |
| 31 | SISMAO | 1 | 0,25 | 0,5 | 2,36 | 2,36 |
| 31 | SISMAVA | 0,5 | 0 | 0,25 | 1,3 | 1,3 |
| 31 | SISMAVA | 1 | 0,25 | 0,5 | 1,3 | 1,3 |
| 31 | SISMAVB | 0,5 | 0 | 0,25 | -1,3 | -1,3 |
| 31 | SISMAVB | 1 | 0,25 | 0,5 | -1,3 | -1,3 |
| 31 | STERRASX | 1 | 0 | 0,5 | 25,16 | 20,9 |
| 31 | STLM71 | 0,5 | 0 | 0,25 | 24,72 | 24,72 |
| 31 | STLM71 | 1 | 0,25 | 0,5 | 24,72 | 24,72 |
| 31 | STSW2 | 0,5 | 0 | 0,25 | 19,38 | 19,38 |
| 31 | STSW2 | 1 | 0,25 | 0,5 | 19,38 | 19,38 |
| 32 | SISMAO | 0,5 | 0 | 0,25 | 2,36 | 2,36 |
| 32 | SISMAO | 1 | 0,25 | 0,5 | 2,36 | 2,36 |
| 32 | SISMAVA | 0,5 | 0 | 0,25 | 1,3 | 1,3 |
| 32 | SISMAVA | 1 | 0,25 | 0,5 | 1,3 | 1,3 |
| 32 | SISMAVB | 0,5 | 0 | 0,25 | -1,3 | -1,3 |
| 32 | SISMAVB | 1 | 0,25 | 0,5 | -1,3 | -1,3 |
| 32 | STERRADX | 1 | 0 | 0,5 | -25,16 | -20,9 |
| 33 | INCRTER | 0,5 | 0 | 0,25 | 22,05 | 22,05 |
| 33 | INCRTER | 1 | 0,25 | 0,5 | 22,05 | 22,05 |
| 33 | SISMAO | 0,5 | 0 | 0,25 | 2,36 | 2,36 |
| 33 | SISMAO | 1 | 0,25 | 0,5 | 2,36 | 2,36 |
| 33 | SISMAVA | 0,5 | 0 | 0,25 | 1,3 | 1,3 |
| 33 | SISMAVA | 1 | 0,25 | 0,5 | 1,3 | 1,3 |
| 33 | SISMAVB | 0,5 | 0 | 0,25 | -1,3 | -1,3 |
| 33 | SISMAVB | 1 | 0,25 | 0,5 | -1,3 | -1,3 |
| 33 | STERRASX | 1 | 0 | 0,5 | 20,9 | 16,63 |
| 33 | STLM71 | 0,5 | 0 | 0,25 | 24,72 | 24,72 |
| 33 | STLM71 | 1 | 0,25 | 0,5 | 24,72 | 24,72 |
| 33 | STSW2 | 0,5 | 0 | 0,25 | 19,38 | 19,38 |
| 33 | STSW2 | 1 | 0,25 | 0,5 | 19,38 | 19,38 |
| 34 | SISMAO | 0,5 | 0 | 0,25 | 2,36 | 2,36 |

Table: Frame Loads - Distributed, Part 2 of 3

| Frame | LoadPat | RelDistB | AbsDistA | AbsDistB | FOverLA | FOverLB |
|-------|----------|----------|----------|----------|---------|---------|
| | | | m | m | KN/m | KN/m |
| 34 | SISMAO | 1 | 0,25 | 0,5 | 2,36 | 2,36 |
| 34 | SISMAVA | 0,5 | 0 | 0,25 | 1,3 | 1,3 |
| 34 | SISMAVA | 1 | 0,25 | 0,5 | 1,3 | 1,3 |
| 34 | SISMAVB | 0,5 | 0 | 0,25 | -1,3 | -1,3 |
| 34 | SISMAVB | 1 | 0,25 | 0,5 | -1,3 | -1,3 |
| 34 | STERRADX | 1 | 0 | 0,5 | -20,9 | -16,63 |
| 35 | INCRTER | 0,5 | 0 | 0,25 | 22,05 | 22,05 |
| 35 | INCRTER | 1 | 0,25 | 0,5 | 22,05 | 22,05 |
| 35 | SISMAO | 0,5 | 0 | 0,25 | 2,36 | 2,36 |
| 35 | SISMAO | 1 | 0,25 | 0,5 | 2,36 | 2,36 |
| 35 | SISMAVA | 0,5 | 0 | 0,25 | 1,3 | 1,3 |
| 35 | SISMAVA | 1 | 0,25 | 0,5 | 1,3 | 1,3 |
| 35 | SISMAVB | 0,5 | 0 | 0,25 | -1,3 | -1,3 |
| 35 | SISMAVB | 1 | 0,25 | 0,5 | -1,3 | -1,3 |
| 35 | STERRASX | 1 | 0 | 0,5 | 16,63 | 12,37 |
| 35 | STLM71 | 0,5 | 0 | 0,25 | 24,72 | 24,72 |
| 35 | STLM71 | 1 | 0,25 | 0,5 | 24,72 | 24,72 |
| 35 | STSW2 | 0,5 | 0 | 0,25 | 19,38 | 19,38 |
| 35 | STSW2 | 1 | 0,25 | 0,5 | 19,38 | 19,38 |
| 36 | SISMAO | 0,5 | 0 | 0,25 | 2,36 | 2,36 |
| 36 | SISMAO | 1 | 0,25 | 0,5 | 2,36 | 2,36 |
| 36 | SISMAVA | 0,5 | 0 | 0,25 | 1,3 | 1,3 |
| 36 | SISMAVA | 1 | 0,25 | 0,5 | 1,3 | 1,3 |
| 36 | SISMAVB | 0,5 | 0 | 0,25 | -1,3 | -1,3 |
| 36 | SISMAVB | 1 | 0,25 | 0,5 | -1,3 | -1,3 |
| 36 | STERRADX | 1 | 0 | 0,5 | -16,63 | -12,37 |
| 37 | INCRTER | 1 | 0 | 0,0875 | 22,05 | 22,05 |
| 37 | SISMAO | 1 | 0 | 0,0875 | 2,36 | 2,36 |
| 37 | SISMAVA | 1 | 0 | 0,0875 | 1,3 | 1,3 |
| 37 | SISMAVB | 1 | 0 | 0,0875 | -1,3 | -1,3 |
| 37 | STERRASX | 1 | 0 | 0,0875 | 12,37 | 11,62 |
| 37 | STLM71 | 1 | 0 | 0,0875 | 24,72 | 24,72 |
| 37 | STSW2 | 1 | 0 | 0,0875 | 19,38 | 19,38 |
| 38 | SISMAO | 1 | 0 | 0,0875 | 2,36 | 2,36 |
| 38 | SISMAVA | 1 | 0 | 0,0875 | 1,3 | 1,3 |
| 38 | SISMAVB | 1 | 0 | 0,0875 | -1,3 | -1,3 |
| 38 | STERRADX | 1 | 0 | 0,0875 | -12,37 | -11,62 |
| 39 | INCRTER | 1 | 0 | 0,0875 | 22,05 | 22,05 |
| 39 | SISMAO | 1 | 0 | 0,0875 | 2,36 | 2,36 |
| 39 | SISMAVA | 1 | 0 | 0,0875 | 1,3 | 1,3 |
| 39 | SISMAVB | 1 | 0 | 0,0875 | -1,3 | -1,3 |
| 39 | STERRASX | 1 | 0 | 0,0875 | 11,62 | 10,87 |
| 39 | STLM71 | 1 | 0 | 0,0875 | 24,72 | 24,72 |
| 39 | STSW2 | 1 | 0 | 0,0875 | 19,38 | 19,38 |
| 40 | SISMAO | 1 | 0 | 0,0875 | 2,36 | 2,36 |
| 40 | SISMAVA | 1 | 0 | 0,0875 | 1,3 | 1,3 |
| 40 | SISMAVB | 1 | 0 | 0,0875 | -1,3 | -1,3 |
| 40 | STERRADX | 1 | 0 | 0,0875 | -11,62 | -10,87 |
| 41 | AVVLM71 | 1 | 0 | 0,0875 | 11,49 | 11,49 |
| 41 | BALLAST | 1 | 0 | 0,0875 | 16 | 16 |
| 41 | FRENSW2 | 1 | 0 | 0,0875 | 12,19 | 12,19 |
| 41 | LM71C | 1 | 0 | 0,0875 | 69,57 | 69,57 |
| 41 | LM71SISO | 1 | 0 | 0,0875 | 4,32 | 4,32 |
| 41 | LM71SVA | 1 | 0 | 0,0875 | 2,07 | 2,07 |
| 41 | LM71SVB | 1 | 0 | 0,0875 | -2,07 | -2,07 |
| 41 | REINTSUP | 1 | 0 | 0,0875 | 7,2 | 7,2 |
| 41 | SISMAO | 1 | 0 | 0,0875 | 8,63 | 8,63 |
| 41 | SISMAVA | 1 | 0 | 0,0875 | 4,76 | 4,76 |
| 41 | SISMAVB | 1 | 0 | 0,0875 | -4,76 | -4,76 |
| 41 | SW2 | 1 | 0 | 0,0875 | 54,55 | 54,55 |
| 41 | SW2SISO | 1 | 0 | 0,0875 | 3,38 | 3,38 |
| 41 | SW2SVA | 1 | 0 | 0,0875 | 1,63 | 1,63 |
| 41 | SW2SVB | 1 | 0 | 0,0875 | -1,63 | -1,63 |
| 42 | AVVLM71 | 1 | 0 | 0,0875 | 11,49 | 11,49 |
| 42 | BALLAST | 1 | 0 | 0,0875 | 16 | 16 |
| 42 | FRENSW2 | 1 | 0 | 0,0875 | 12,19 | 12,19 |
| 42 | LM71C | 1 | 0 | 0,0875 | 69,57 | 69,57 |
| 42 | LM71SISO | 1 | 0 | 0,0875 | 4,32 | 4,32 |

Table: Frame Loads - Distributed, Part 2 of 3

| Frame | LoadPat | RelDistB | AbsDistA | AbsDistB | FOverLA | FOverLB |
|-------|----------|----------|----------|----------|---------|---------|
| | | | m | m | | |
| 42 | LM71SVA | 1 | 0 | 0,0875 | 2,07 | 2,07 |
| 42 | LM71SVB | 1 | 0 | 0,0875 | -2,07 | -2,07 |
| 42 | REINTSUP | 1 | 0 | 0,0875 | 7,2 | 7,2 |
| 42 | SISMAO | 1 | 0 | 0,0875 | 8,63 | 8,63 |
| 42 | SISMAVA | 1 | 0 | 0,0875 | 4,76 | 4,76 |
| 42 | SISMAVB | 1 | 0 | 0,0875 | -4,76 | -4,76 |
| 42 | SW2 | 1 | 0 | 0,0875 | 54,55 | 54,55 |
| 42 | SW2SISO | 1 | 0 | 0,0875 | 3,38 | 3,38 |
| 42 | SW2SVA | 1 | 0 | 0,0875 | 1,63 | 1,63 |
| 42 | SW2SVB | 1 | 0 | 0,0875 | -1,63 | -1,63 |
| 43 | AVVLM71 | 1 | 0 | 0,66667 | 11,49 | 11,49 |
| 43 | BALLAST | 0,6 | 0 | 0,4 | 16 | 16 |
| 43 | BALLAST | 1 | 0,4 | 0,66667 | 16 | 16 |
| 43 | FRENSW2 | 0,6 | 0 | 0,4 | 12,19 | 12,19 |
| 43 | FRENSW2 | 1 | 0,4 | 0,66667 | 12,19 | 12,19 |
| 43 | LM71C | 0,6 | 0 | 0,4 | 69,57 | 69,57 |
| 43 | LM71C | 1 | 0,4 | 0,66667 | 69,57 | 69,57 |
| 43 | LM71SISO | 0,6 | 0 | 0,4 | 4,32 | 4,32 |
| 43 | LM71SISO | 1 | 0,4 | 0,66667 | 4,32 | 4,32 |
| 43 | LM71SVA | 0,6 | 0 | 0,4 | 2,07 | 2,07 |
| 43 | LM71SVA | 1 | 0,4 | 0,66667 | 2,07 | 2,07 |
| 43 | LM71SVB | 0,6 | 0 | 0,4 | -2,07 | -2,07 |
| 43 | LM71SVB | 1 | 0,4 | 0,66667 | -2,07 | -2,07 |
| 43 | REINTSUP | 0,6 | 0 | 0,4 | 7,2 | 7,2 |
| 43 | REINTSUP | 1 | 0,4 | 0,66667 | 7,2 | 7,2 |
| 43 | SISMAO | 0,6 | 0 | 0,4 | 8,63 | 8,63 |
| 43 | SISMAO | 1 | 0,4 | 0,66667 | 8,63 | 8,63 |
| 43 | SISMAVA | 0,6 | 0 | 0,4 | 4,76 | 4,76 |
| 43 | SISMAVA | 1 | 0,4 | 0,66667 | 4,76 | 4,76 |
| 43 | SISMAVB | 0,6 | 0 | 0,4 | -4,76 | -4,76 |
| 43 | SISMAVB | 1 | 0,4 | 0,66667 | -4,76 | -4,76 |
| 43 | SW2 | 0,6 | 0 | 0,4 | 54,55 | 54,55 |
| 43 | SW2 | 1 | 0,4 | 0,66667 | 54,55 | 54,55 |
| 43 | SW2SISO | 0,6 | 0 | 0,4 | 3,38 | 3,38 |
| 43 | SW2SISO | 1 | 0,4 | 0,66667 | 3,38 | 3,38 |
| 43 | SW2SVA | 0,6 | 0 | 0,4 | 1,63 | 1,63 |
| 43 | SW2SVA | 1 | 0,4 | 0,66667 | 1,63 | 1,63 |
| 43 | SW2SVB | 0,6 | 0 | 0,4 | -1,63 | -1,63 |
| 43 | SW2SVB | 1 | 0,4 | 0,66667 | -1,63 | -1,63 |
| 44 | AVVLM71 | 1 | 0 | 0,66667 | 11,49 | 11,49 |
| 44 | BALLAST | 0,2 | 0 | 0,13333 | 16 | 16 |
| 44 | BALLAST | 0,8 | 0,13333 | 0,53333 | 16 | 16 |
| 44 | BALLAST | 1 | 0,53333 | 0,66667 | 16 | 16 |
| 44 | FRENSW2 | 0,2 | 0 | 0,13333 | 12,19 | 12,19 |
| 44 | FRENSW2 | 0,8 | 0,13333 | 0,53333 | 12,19 | 12,19 |
| 44 | FRENSW2 | 1 | 0,53333 | 0,66667 | 12,19 | 12,19 |
| 44 | LM71C | 0,2 | 0 | 0,13333 | 69,57 | 69,57 |
| 44 | LM71C | 0,8 | 0,13333 | 0,53333 | 69,57 | 69,57 |
| 44 | LM71C | 1 | 0,53333 | 0,66667 | 69,57 | 69,57 |
| 44 | LM71SISO | 0,2 | 0 | 0,13333 | 4,32 | 4,32 |
| 44 | LM71SISO | 0,8 | 0,13333 | 0,53333 | 4,32 | 4,32 |
| 44 | LM71SISO | 1 | 0,53333 | 0,66667 | 4,32 | 4,32 |
| 44 | LM71SVA | 0,2 | 0 | 0,13333 | 2,07 | 2,07 |
| 44 | LM71SVA | 0,8 | 0,13333 | 0,53333 | 2,07 | 2,07 |
| 44 | LM71SVA | 1 | 0,53333 | 0,66667 | 2,07 | 2,07 |
| 44 | LM71SVB | 0,2 | 0 | 0,13333 | -2,07 | -2,07 |
| 44 | LM71SVB | 0,8 | 0,13333 | 0,53333 | -2,07 | -2,07 |
| 44 | LM71SVB | 1 | 0,53333 | 0,66667 | -2,07 | -2,07 |
| 44 | REINTSUP | 0,2 | 0 | 0,13333 | 7,2 | 7,2 |
| 44 | REINTSUP | 0,8 | 0,13333 | 0,53333 | 7,2 | 7,2 |
| 44 | REINTSUP | 1 | 0,53333 | 0,66667 | 7,2 | 7,2 |
| 44 | SISMAO | 0,2 | 0 | 0,13333 | 8,63 | 8,63 |
| 44 | SISMAO | 0,8 | 0,13333 | 0,53333 | 8,63 | 8,63 |
| 44 | SISMAO | 1 | 0,53333 | 0,66667 | 8,63 | 8,63 |
| 44 | SISMAVA | 0,2 | 0 | 0,13333 | 4,76 | 4,76 |
| 44 | SISMAVA | 0,8 | 0,13333 | 0,53333 | 4,76 | 4,76 |
| 44 | SISMAVA | 1 | 0,53333 | 0,66667 | 4,76 | 4,76 |
| 44 | SISMAVB | 0,2 | 0 | 0,13333 | -4,76 | -4,76 |

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| Frame | LoadPat | RelDistB | AbsDistA m | AbsDistB m | FOverLA KN/m | FOverLB KN/m |
|-------|----------|----------|---------------|---------------|-----------------|-----------------|
| 44 | SISMAVB | 0,8 | 0,13333 | 0,53333 | -4,76 | -4,76 |
| 44 | SISMAVB | 1 | 0,53333 | 0,66667 | -4,76 | -4,76 |
| 44 | SW2 | 0,2 | 0 | 0,13333 | 54,55 | 54,55 |
| 44 | SW2 | 0,8 | 0,13333 | 0,53333 | 54,55 | 54,55 |
| 44 | SW2 | 1 | 0,53333 | 0,66667 | 54,55 | 54,55 |
| 44 | SW2SISO | 0,2 | 0 | 0,13333 | 3,38 | 3,38 |
| 44 | SW2SISO | 0,8 | 0,13333 | 0,53333 | 3,38 | 3,38 |
| 44 | SW2SISO | 1 | 0,53333 | 0,66667 | 3,38 | 3,38 |
| 44 | SW2SVA | 0,2 | 0 | 0,13333 | 1,63 | 1,63 |
| 44 | SW2SVA | 0,8 | 0,13333 | 0,53333 | 1,63 | 1,63 |
| 44 | SW2SVA | 1 | 0,53333 | 0,66667 | 1,63 | 1,63 |
| 44 | SW2SVB | 0,2 | 0 | 0,13333 | -1,63 | -1,63 |
| 44 | SW2SVB | 0,8 | 0,13333 | 0,53333 | -1,63 | -1,63 |
| 44 | SW2SVB | 1 | 0,53333 | 0,66667 | -1,63 | -1,63 |
| 45 | AVVLM71 | 1 | 0 | 0,66667 | 11,49 | 11,49 |
| 45 | BALLAST | 0,4 | 0 | 0,26667 | 16 | 16 |
| 45 | BALLAST | 1 | 0,26667 | 0,66667 | 16 | 16 |
| 45 | FRENSW2 | 0,4 | 0 | 0,26667 | 12,19 | 12,19 |
| 45 | FRENSW2 | 1 | 0,26667 | 0,66667 | 12,19 | 12,19 |
| 45 | LM71C | 0,4 | 0 | 0,26667 | 69,57 | 69,57 |
| 45 | LM71C | 1 | 0,26667 | 0,66667 | 69,57 | 69,57 |
| 45 | LM71SISO | 0,4 | 0 | 0,26667 | 4,32 | 4,32 |
| 45 | LM71SISO | 1 | 0,26667 | 0,66667 | 4,32 | 4,32 |
| 45 | LM71SVA | 0,4 | 0 | 0,26667 | 2,07 | 2,07 |
| 45 | LM71SVA | 1 | 0,26667 | 0,66667 | 2,07 | 2,07 |
| 45 | LM71SVB | 0,4 | 0 | 0,26667 | -2,07 | -2,07 |
| 45 | LM71SVB | 1 | 0,26667 | 0,66667 | -2,07 | -2,07 |
| 45 | REINTSUP | 0,4 | 0 | 0,26667 | 7,2 | 7,2 |
| 45 | REINTSUP | 1 | 0,26667 | 0,66667 | 7,2 | 7,2 |
| 45 | SISMAO | 0,4 | 0 | 0,26667 | 8,63 | 8,63 |
| 45 | SISMAO | 1 | 0,26667 | 0,66667 | 8,63 | 8,63 |
| 45 | SISMAVA | 0,4 | 0 | 0,26667 | 4,76 | 4,76 |
| 45 | SISMAVA | 1 | 0,26667 | 0,66667 | 4,76 | 4,76 |
| 45 | SISMAVB | 0,4 | 0 | 0,26667 | -4,76 | -4,76 |
| 45 | SISMAVB | 1 | 0,26667 | 0,66667 | -4,76 | -4,76 |
| 45 | SW2 | 0,4 | 0 | 0,26667 | 54,55 | 54,55 |
| 45 | SW2 | 1 | 0,26667 | 0,66667 | 54,55 | 54,55 |
| 45 | SW2SISO | 0,4 | 0 | 0,26667 | 3,38 | 3,38 |
| 45 | SW2SISO | 1 | 0,26667 | 0,66667 | 3,38 | 3,38 |
| 45 | SW2SVA | 0,4 | 0 | 0,26667 | 1,63 | 1,63 |
| 45 | SW2SVA | 1 | 0,26667 | 0,66667 | 1,63 | 1,63 |
| 45 | SW2SVB | 0,4 | 0 | 0,26667 | -1,63 | -1,63 |
| 45 | SW2SVB | 1 | 0,26667 | 0,66667 | -1,63 | -1,63 |
| 46 | AVVLM71 | 1 | 0 | 0,0875 | 11,49 | 11,49 |
| 46 | BALLAST | 1 | 0 | 0,0875 | 16 | 16 |
| 46 | FRENSW2 | 1 | 0 | 0,0875 | 12,19 | 12,19 |
| 46 | LM71C | 1 | 0 | 0,0875 | 69,57 | 69,57 |
| 46 | LM71SISO | 1 | 0 | 0,0875 | 4,32 | 4,32 |
| 46 | LM71SVA | 1 | 0 | 0,0875 | 2,07 | 2,07 |
| 46 | LM71SVB | 1 | 0 | 0,0875 | -2,07 | -2,07 |
| 46 | REINTSUP | 1 | 0 | 0,0875 | 7,2 | 7,2 |
| 46 | SISMAO | 1 | 0 | 0,0875 | 8,63 | 8,63 |
| 46 | SISMAVA | 1 | 0 | 0,0875 | 4,76 | 4,76 |
| 46 | SISMAVB | 1 | 0 | 0,0875 | -4,76 | -4,76 |
| 46 | SW2 | 1 | 0 | 0,0875 | 54,55 | 54,55 |
| 46 | SW2SISO | 1 | 0 | 0,0875 | 3,38 | 3,38 |
| 46 | SW2SVA | 1 | 0 | 0,0875 | 1,63 | 1,63 |
| 46 | SW2SVB | 1 | 0 | 0,0875 | -1,63 | -1,63 |
| 47 | AVVLM71 | 1 | 0 | 0,0875 | 11,49 | 11,49 |
| 47 | BALLAST | 1 | 0 | 0,0875 | 16 | 16 |
| 47 | FRENSW2 | 1 | 0 | 0,0875 | 12,19 | 12,19 |
| 47 | LM71C | 1 | 0 | 0,0875 | 69,57 | 69,57 |
| 47 | LM71SISO | 1 | 0 | 0,0875 | 4,32 | 4,32 |
| 47 | LM71SVA | 1 | 0 | 0,0875 | 2,07 | 2,07 |
| 47 | LM71SVB | 1 | 0 | 0,0875 | -2,07 | -2,07 |
| 47 | REINTSUP | 1 | 0 | 0,0875 | 7,2 | 7,2 |
| 47 | SISMAO | 1 | 0 | 0,0875 | 8,63 | 8,63 |
| 47 | SISMAVA | 1 | 0 | 0,0875 | 4,76 | 4,76 |



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| Frame | LoadPat | RelDistB | AbsDistA | AbsDistB | FOverLA | FOverLB |
|-------|---------|----------|----------|----------|---------|---------|
| | | | m | m | | |
| 47 | SISMAVB | 1 | 0 | 0,0875 | -4,76 | -4,76 |
| 47 | SW2 | 1 | 0 | 0,0875 | 54,55 | 54,55 |
| 47 | SW2SISO | 1 | 0 | 0,0875 | 3,38 | 3,38 |
| 47 | SW2SVA | 1 | 0 | 0,0875 | 1,63 | 1,63 |
| 47 | SW2SVB | 1 | 0 | 0,0875 | -1,63 | -1,63 |

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

| Frame | LoadPat | GUID |
|-------|----------|------|
| 25 | INCRTER | |
| 25 | SISMAO | |
| 25 | SISMAVA | |
| 25 | SISMAVB | |
| 25 | STERRASX | |
| 25 | STLM71 | |
| 25 | STSW2 | |
| 26 | SISMAO | |
| 26 | SISMAVA | |
| 26 | SISMAVB | |
| 26 | STERRADX | |
| 27 | INCRTER | |
| 27 | SISMAO | |
| 27 | SISMAVA | |
| 27 | SISMAVB | |
| 27 | STERRASX | |
| 27 | STLM71 | |
| 27 | STSW2 | |
| 28 | SISMAO | |
| 28 | SISMAVA | |
| 28 | SISMAVB | |
| 28 | STERRADX | |
| 29 | INCRTER | |
| 29 | INCRTER | |
| 29 | SISMAO | |
| 29 | SISMAO | |
| 29 | SISMAVA | |
| 29 | SISMAVA | |
| 29 | SISMAVB | |
| 29 | SISMAVB | |
| 29 | STERRASX | |
| 29 | STLM71 | |
| 29 | STLM71 | |
| 29 | STSW2 | |
| 29 | STSW2 | |
| 30 | SISMAO | |
| 30 | SISMAO | |
| 30 | SISMAVA | |
| 30 | SISMAVA | |
| 30 | SISMAVB | |
| 30 | SISMAVB | |
| 30 | STERRADX | |
| 31 | INCRTER | |
| 31 | INCRTER | |
| 31 | SISMAO | |
| 31 | SISMAO | |
| 31 | SISMAVA | |
| 31 | SISMAVA | |
| 31 | SISMAVB | |
| 31 | SISMAVB | |
| 31 | STERRASX | |
| 31 | STLM71 | |
| 31 | STLM71 | |
| 31 | STSW2 | |
| 31 | STSW2 | |
| 32 | SISMAO | |
| 32 | SISMAO | |

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| Frame | LoadPat | GUID |
|-------|----------|------|
| 32 | SISMAVA | |
| 32 | SISMAVA | |
| 32 | SISMAVB | |
| 32 | SISMAVB | |
| 32 | STERRADX | |
| 33 | INCRTER | |
| 33 | INCRTER | |
| 33 | SISMAO | |
| 33 | SISMAO | |
| 33 | SISMAVA | |
| 33 | SISMAVA | |
| 33 | SISMAVB | |
| 33 | SISMAVB | |
| 33 | STERRASX | |
| 33 | STLM71 | |
| 33 | STLM71 | |
| 33 | STSW2 | |
| 33 | STSW2 | |
| 34 | SISMAO | |
| 34 | SISMAO | |
| 34 | SISMAVA | |
| 34 | SISMAVA | |
| 34 | SISMAVB | |
| 34 | SISMAVB | |
| 34 | STERRADX | |
| 35 | INCRTER | |
| 35 | INCRTER | |
| 35 | SISMAO | |
| 35 | SISMAO | |
| 35 | SISMAVA | |
| 35 | SISMAVA | |
| 35 | SISMAVB | |
| 35 | SISMAVB | |
| 35 | STERRASX | |
| 35 | STLM71 | |
| 35 | STLM71 | |
| 35 | STSW2 | |
| 35 | STSW2 | |
| 36 | SISMAO | |
| 36 | SISMAO | |
| 36 | SISMAVA | |
| 36 | SISMAVA | |
| 36 | SISMAVB | |
| 36 | SISMAVB | |
| 36 | STERRADX | |
| 37 | INCRTER | |
| 37 | SISMAO | |
| 37 | SISMAVA | |
| 37 | SISMAVB | |
| 37 | STERRASX | |
| 37 | STLM71 | |
| 37 | STSW2 | |
| 38 | SISMAO | |
| 38 | SISMAVA | |
| 38 | SISMAVB | |
| 38 | STERRADX | |
| 39 | INCRTER | |
| 39 | SISMAO | |
| 39 | SISMAVA | |
| 39 | SISMAVB | |
| 39 | STERRASX | |
| 39 | STLM71 | |
| 39 | STSW2 | |
| 40 | SISMAO | |
| 40 | SISMAVA | |
| 40 | SISMAVB | |
| 40 | STERRADX | |
| 41 | AVVLM71 | |

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Table: Frame Loads - Distributed, Part 3 of 3

| Frame | LoadPat | GUID |
|-------|----------|------|
| 41 | BALLAST | |
| 41 | FRENSW2 | |
| 41 | LM71C | |
| 41 | LM71SISO | |
| 41 | LM71SVA | |
| 41 | LM71SVB | |
| 41 | REINTSUP | |
| 41 | SISMAO | |
| 41 | SISMAVA | |
| 41 | SISMAVB | |
| 41 | SW2 | |
| 41 | SW2SISO | |
| 41 | SW2SVA | |
| 41 | SW2SVB | |
| 42 | AVVLM71 | |
| 42 | BALLAST | |
| 42 | FRENSW2 | |
| 42 | LM71C | |
| 42 | LM71SISO | |
| 42 | LM71SVA | |
| 42 | LM71SVB | |
| 42 | REINTSUP | |
| 42 | SISMAO | |
| 42 | SISMAVA | |
| 42 | SISMAVB | |
| 42 | SW2 | |
| 42 | SW2SISO | |
| 42 | SW2SVA | |
| 42 | SW2SVB | |
| 43 | AVVLM71 | |
| 43 | BALLAST | |
| 43 | BALLAST | |
| 43 | FRENSW2 | |
| 43 | FRENSW2 | |
| 43 | LM71C | |
| 43 | LM71C | |
| 43 | LM71SISO | |
| 43 | LM71SISO | |
| 43 | LM71SVA | |
| 43 | LM71SVA | |
| 43 | LM71SVB | |
| 43 | LM71SVB | |
| 43 | REINTSUP | |
| 43 | REINTSUP | |
| 43 | SISMAO | |
| 43 | SISMAO | |
| 43 | SISMAVA | |
| 43 | SISMAVA | |
| 43 | SISMAVB | |
| 43 | SISMAVB | |
| 43 | SW2 | |
| 43 | SW2 | |
| 43 | SW2SISO | |
| 43 | SW2SISO | |
| 43 | SW2SVA | |
| 43 | SW2SVA | |
| 43 | SW2SVB | |
| 43 | SW2SVB | |
| 44 | AVVLM71 | |
| 44 | BALLAST | |
| 44 | BALLAST | |
| 44 | BALLAST | |
| 44 | FRENSW2 | |
| 44 | FRENSW2 | |
| 44 | FRENSW2 | |
| 44 | LM71C | |
| 44 | LM71C | |
| 44 | LM71C | |

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Table: Frame Loads - Distributed, Part 3 of 3

| Frame | LoadPat | GUID |
|-------|----------|------|
| 44 | LM71SISO | |
| 44 | LM71SISO | |
| 44 | LM71SISO | |
| 44 | LM71SVA | |
| 44 | LM71SVA | |
| 44 | LM71SVA | |
| 44 | LM71SVB | |
| 44 | LM71SVB | |
| 44 | LM71SVB | |
| 44 | REINTSUP | |
| 44 | REINTSUP | |
| 44 | REINTSUP | |
| 44 | SISMAO | |
| 44 | SISMAO | |
| 44 | SISMAO | |
| 44 | SISMAVA | |
| 44 | SISMAVA | |
| 44 | SISMAVA | |
| 44 | SISMAVB | |
| 44 | SISMAVB | |
| 44 | SISMAVB | |
| 44 | SW2 | |
| 44 | SW2 | |
| 44 | SW2 | |
| 44 | SW2SISO | |
| 44 | SW2SISO | |
| 44 | SW2SISO | |
| 44 | SW2SVA | |
| 44 | SW2SVA | |
| 44 | SW2SVA | |
| 44 | SW2SVB | |
| 44 | SW2SVB | |
| 44 | SW2SVB | |
| 45 | AVVLM71 | |
| 45 | BALLAST | |
| 45 | BALLAST | |
| 45 | FRENSW2 | |
| 45 | FRENSW2 | |
| 45 | LM71C | |
| 45 | LM71C | |
| 45 | LM71SISO | |
| 45 | LM71SISO | |
| 45 | LM71SVA | |
| 45 | LM71SVA | |
| 45 | LM71SVB | |
| 45 | LM71SVB | |
| 45 | REINTSUP | |
| 45 | REINTSUP | |
| 45 | SISMAO | |
| 45 | SISMAO | |
| 45 | SISMAVA | |
| 45 | SISMAVA | |
| 45 | SISMAVB | |
| 45 | SISMAVB | |
| 45 | SW2 | |
| 45 | SW2 | |
| 45 | SW2SISO | |
| 45 | SW2SISO | |
| 45 | SW2SVA | |
| 45 | SW2SVA | |
| 45 | SW2SVB | |
| 45 | SW2SVB | |
| 46 | AVVLM71 | |
| 46 | BALLAST | |
| 46 | FRENSW2 | |
| 46 | LM71C | |
| 46 | LM71SISO | |
| 46 | LM71SVA | |

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Table: Frame Loads - Distributed, Part 3 of 3

| Frame | LoadPat | GUID |
|-------|----------|------|
| 46 | LM71SVB | |
| 46 | REINTSUP | |
| 46 | SISMAO | |
| 46 | SISMAVA | |
| 46 | SISMAVB | |
| 46 | SW2 | |
| 46 | SW2SISO | |
| 46 | SW2SVA | |
| 46 | SW2SVB | |
| 47 | AVVLM71 | |
| 47 | BALLAST | |
| 47 | PRENSW2 | |
| 47 | LM71C | |
| 47 | LM71SISO | |
| 47 | LM71SVA | |
| 47 | LM71SVB | |
| 47 | REINTSUP | |
| 47 | SISMAO | |
| 47 | SISMAVA | |
| 47 | SISMAVB | |
| 47 | SW2 | |
| 47 | SW2SISO | |
| 47 | SW2SVA | |
| 47 | SW2SVB | |

Table: Frame Loads - Temperature

Table: Frame Loads - Temperature

| Frame | LoadPat | Type | Temp C | TempGrad2 C/m | JtPattern |
|-------|---------|-------------|-----------|------------------|-----------|
| 41 | TERMP | Temperature | 5 | | None |
| 41 | TERMN | Temperature | -15 | | None |
| 41 | GRADTP | Gradient2 | | 14,29 | None |
| 41 | GRADTN | Gradient2 | | -14,29 | None |
| 42 | TERMP | Temperature | 5 | | None |
| 42 | TERMN | Temperature | -15 | | None |
| 42 | GRADTP | Gradient2 | | 14,29 | None |
| 42 | GRADTN | Gradient2 | | -14,29 | None |
| 43 | TERMP | Temperature | 5 | | None |
| 43 | TERMN | Temperature | -15 | | None |
| 43 | GRADTP | Gradient2 | | 14,29 | None |
| 43 | GRADTN | Gradient2 | | -14,29 | None |
| 44 | TERMP | Temperature | 5 | | None |
| 44 | TERMN | Temperature | -15 | | None |
| 44 | GRADTP | Gradient2 | | 14,29 | None |
| 44 | GRADTN | Gradient2 | | -14,29 | None |
| 45 | TERMP | Temperature | 5 | | None |
| 45 | TERMN | Temperature | -15 | | None |
| 45 | GRADTP | Gradient2 | | 14,29 | None |
| 45 | GRADTN | Gradient2 | | -14,29 | None |
| 46 | TERMP | Temperature | 5 | | None |
| 46 | TERMN | Temperature | -15 | | None |
| 46 | GRADTP | Gradient2 | | 14,29 | None |
| 46 | GRADTN | Gradient2 | | -14,29 | None |
| 47 | TERMP | Temperature | 5 | | None |
| 47 | TERMN | Temperature | -15 | | None |
| 47 | GRADTP | Gradient2 | | 14,29 | None |
| 47 | GRADTN | Gradient2 | | -14,29 | None |

Table: Frame Section Assignments

Table: Frame Section Assignments

| Frame | SectionType | AutoSelect | AnalSect | DesignSect | MatProp |
|-------|-------------|------------|------------|------------|---------|
| 1 | Rectangular | N.A. | fondazione | fondazione | Default |
| 2 | Rectangular | N.A. | fondazione | fondazione | Default |
| 3 | Rectangular | N.A. | fondazione | fondazione | Default |
| 4 | Rectangular | N.A. | fondazione | fondazione | Default |
| 5 | Rectangular | N.A. | fondazione | fondazione | Default |
| 6 | Rectangular | N.A. | fondazione | fondazione | Default |

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Table: Frame Section Assignments

| Frame | SectionType | AutoSelect | AnalSect | DesignSect | MatProp |
|-------|-------------|------------|-------------------|-------------------|---------|
| 7 | Rectangular | N.A. | fondazione | fondazione | Default |
| 8 | Rectangular | N.A. | fondazione | fondazione | Default |
| 9 | Rectangular | N.A. | fondazione | fondazione | Default |
| 10 | Rectangular | N.A. | fondazione | fondazione | Default |
| 11 | Rectangular | N.A. | fondazione | fondazione | Default |
| 12 | Rectangular | N.A. | fondazione | fondazione | Default |
| 13 | Rectangular | N.A. | fondazione | fondazione | Default |
| 14 | Rectangular | N.A. | fondazione | fondazione | Default |
| 15 | Rectangular | N.A. | fondazione | fondazione | Default |
| 16 | Rectangular | N.A. | fondazione | fondazione | Default |
| 17 | Rectangular | N.A. | fondazione | fondazione | Default |
| 18 | Rectangular | N.A. | fondazione | fondazione | Default |
| 19 | Rectangular | N.A. | fondazione | fondazione | Default |
| 20 | Rectangular | N.A. | fondazione | fondazione | Default |
| 21 | Rectangular | N.A. | fondazione | fondazione | Default |
| 22 | Rectangular | N.A. | fondazione | fondazione | Default |
| 23 | Rectangular | N.A. | fondazione | fondazione | Default |
| 24 | Rectangular | N.A. | fondazione | fondazione | Default |
| 25 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 26 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 27 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 28 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 29 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 30 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 31 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 32 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 33 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 34 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 35 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 36 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 37 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 38 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 39 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 40 | Rectangular | N.A. | pieдрitto | pieдрitto | Default |
| 41 | Rectangular | N.A. | soletta superiore | soletta superiore | Default |
| 42 | Rectangular | N.A. | soletta superiore | soletta superiore | Default |
| 43 | Rectangular | N.A. | soletta superiore | soletta superiore | Default |
| 44 | Rectangular | N.A. | soletta superiore | soletta superiore | Default |
| 45 | Rectangular | N.A. | soletta superiore | soletta superiore | Default |
| 46 | Rectangular | N.A. | soletta superiore | soletta superiore | Default |
| 47 | Rectangular | N.A. | soletta superiore | soletta superiore | Default |

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

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

| SectionName | Material | Shape | t3 m | t2 m | Area m2 | TorsConst m4 |
|-------------------|----------|-------------|---------|---------|------------|-----------------|
| fondazione | C25/30 | Rectangular | 0,35 | 1 | 0,35 | 0,011144 |
| pieдрitto | C28/35 | Rectangular | 0,35 | 1 | 0,35 | 0,011144 |
| soletta superiore | C28/35 | Rectangular | 0,35 | 1 | 0,35 | 0,011144 |

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

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

| SectionName | I33 m4 | I22 m4 | I23 m4 | AS2 m2 | AS3 m2 | S33 m3 | S22 m3 |
|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| fondazione | 0,003573 | 0,029167 | 0 | 0,291667 | 0,291667 | 0,020417 | 0,058333 |
| pieдрitto | 0,003573 | 0,029167 | 0 | 0,291667 | 0,291667 | 0,020417 | 0,058333 |
| soletta superiore | 0,003573 | 0,029167 | 0 | 0,291667 | 0,291667 | 0,020417 | 0,058333 |

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

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

| SectionName | Z33 m3 | Z22 m3 | R33 m | R22 m | ConcCol | ConcBeam | Color |
|-------------------|-----------|-----------|----------|----------|---------|----------|--------|
| fondazione | 0,030625 | 0,0875 | 0,101036 | 0,288675 | Yes | No | Blue |
| pieдрitto | 0,030625 | 0,0875 | 0,101036 | 0,288675 | Yes | No | Yellow |
| soletta superiore | 0,030625 | 0,0875 | 0,101036 | 0,288675 | Yes | No | Red |



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

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

| SectionName | TotalWt | TotalMass | FromFile | AMod | A2Mod | A3Mod | JMod |
|-------------------|---------|-----------|----------|------|-------|-------|------|
| | KN | KN-s2/m | | | | | |
| fondazione | 20,556 | 2,1 | No | 1 | 1 | 1 | 1 |
| piedritto | 41,113 | 4,19 | No | 1 | 1 | 1 | 1 |
| soletta superiore | 20,556 | 2,1 | No | 1 | 1 | 1 | 1 |

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

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

| SectionName | I2Mod | I3Mod | MMod | WMod | GUID |
|-------------------|-------|-------|------|------|------|
| fondazione | 1 | 1 | 1 | 1 | |
| piedritto | 1 | 1 | 1 | 1 | |
| soletta superiore | 1 | 1 | 1 | 1 | |

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

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

| SectionName | Notes |
|-------------------|---------------------------|
| fondazione | Added 01/01/2018 00:00:32 |
| piedritto | Added 01/01/2018 00:00:32 |
| soletta superiore | Added 01/01/2018 00:00:32 |

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

| Joint | CoordSys | CoordType | XorR | Y | Z | SpecialJt | GlobalX |
|-------|----------|-----------|--------|---|--------|-----------|---------|
| | | | m | | | | m |
| 1 | GLOBAL | Cartesian | 0 | 0 | 0 | Yes | 0 |
| 2 | GLOBAL | Cartesian | 0,0875 | 0 | 0 | Yes | 0,0875 |
| 3 | GLOBAL | Cartesian | 0,175 | 0 | 0 | Yes | 0,175 |
| 4 | GLOBAL | Cartesian | 0,275 | 0 | 0 | No | 0,275 |
| 5 | GLOBAL | Cartesian | 0,375 | 0 | 0 | No | 0,375 |
| 6 | GLOBAL | Cartesian | 0,475 | 0 | 0 | No | 0,475 |
| 7 | GLOBAL | Cartesian | 0,575 | 0 | 0 | No | 0,575 |
| 8 | GLOBAL | Cartesian | 0,675 | 0 | 0 | No | 0,675 |
| 9 | GLOBAL | Cartesian | 0,775 | 0 | 0 | No | 0,775 |
| 10 | GLOBAL | Cartesian | 0,875 | 0 | 0 | No | 0,875 |
| 11 | GLOBAL | Cartesian | 0,975 | 0 | 0 | No | 0,975 |
| 12 | GLOBAL | Cartesian | 1,075 | 0 | 0 | No | 1,075 |
| 13 | GLOBAL | Cartesian | 1,175 | 0 | 0 | No | 1,175 |
| 14 | GLOBAL | Cartesian | 1,275 | 0 | 0 | No | 1,275 |
| 15 | GLOBAL | Cartesian | 1,375 | 0 | 0 | No | 1,375 |
| 16 | GLOBAL | Cartesian | 1,475 | 0 | 0 | No | 1,475 |
| 17 | GLOBAL | Cartesian | 1,575 | 0 | 0 | No | 1,575 |
| 18 | GLOBAL | Cartesian | 1,675 | 0 | 0 | No | 1,675 |
| 19 | GLOBAL | Cartesian | 1,775 | 0 | 0 | No | 1,775 |
| 20 | GLOBAL | Cartesian | 1,875 | 0 | 0 | No | 1,875 |
| 21 | GLOBAL | Cartesian | 1,975 | 0 | 0 | No | 1,975 |
| 22 | GLOBAL | Cartesian | 2,075 | 0 | 0 | No | 2,075 |
| 23 | GLOBAL | Cartesian | 2,175 | 0 | 0 | Yes | 2,175 |
| 24 | GLOBAL | Cartesian | 2,2625 | 0 | 0 | Yes | 2,2625 |
| 25 | GLOBAL | Cartesian | 2,35 | 0 | 0 | Yes | 2,35 |
| 26 | GLOBAL | Cartesian | 0 | 0 | 0,0875 | Yes | 0 |
| 27 | GLOBAL | Cartesian | 2,35 | 0 | 0,0875 | Yes | 2,35 |
| 28 | GLOBAL | Cartesian | 0 | 0 | 0,175 | Yes | 0 |
| 29 | GLOBAL | Cartesian | 2,35 | 0 | 0,175 | Yes | 2,35 |
| 30 | GLOBAL | Cartesian | 0 | 0 | 0,675 | No | 0 |
| 31 | GLOBAL | Cartesian | 2,35 | 0 | 0,675 | No | 2,35 |
| 32 | GLOBAL | Cartesian | 0 | 0 | 1,175 | No | 0 |
| 33 | GLOBAL | Cartesian | 2,35 | 0 | 1,175 | No | 2,35 |
| 34 | GLOBAL | Cartesian | 0 | 0 | 1,675 | No | 0 |
| 35 | GLOBAL | Cartesian | 2,35 | 0 | 1,675 | No | 2,35 |
| 36 | GLOBAL | Cartesian | 0 | 0 | 2,175 | Yes | 0 |
| 37 | GLOBAL | Cartesian | 2,35 | 0 | 2,175 | Yes | 2,35 |
| 38 | GLOBAL | Cartesian | 0 | 0 | 2,2625 | Yes | 0 |
| 39 | GLOBAL | Cartesian | 2,35 | 0 | 2,2625 | Yes | 2,35 |
| 40 | GLOBAL | Cartesian | 0 | 0 | 2,35 | Yes | 0 |
| 41 | GLOBAL | Cartesian | 0,0875 | 0 | 2,35 | Yes | 0,0875 |
| 42 | GLOBAL | Cartesian | 0,175 | 0 | 2,35 | Yes | 0,175 |

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Table: Joint Coordinates, Part 1 of 2

| Joint | CoordSys | CoordType | XorR m | Y m | Z m | SpecialJt | GlobalX m |
|-------|----------|-----------|-----------|--------|--------|-----------|--------------|
| 43 | GLOBAL | Cartesian | 0,84167 | 0 | 2,35 | No | 0,84167 |
| 44 | GLOBAL | Cartesian | 1,50833 | 0 | 2,35 | No | 1,50833 |
| 45 | GLOBAL | Cartesian | 2,175 | 0 | 2,35 | Yes | 2,175 |
| 46 | GLOBAL | Cartesian | 2,2625 | 0 | 2,35 | Yes | 2,2625 |
| 47 | GLOBAL | Cartesian | 2,35 | 0 | 2,35 | Yes | 2,35 |

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

| Joint | GlobalY m | GlobalZ m | GUID |
|-------|--------------|--------------|------|
| 1 | 0 | 0 | |
| 2 | 0 | 0 | |
| 3 | 0 | 0 | |
| 4 | 0 | 0 | |
| 5 | 0 | 0 | |
| 6 | 0 | 0 | |
| 7 | 0 | 0 | |
| 8 | 0 | 0 | |
| 9 | 0 | 0 | |
| 10 | 0 | 0 | |
| 11 | 0 | 0 | |
| 12 | 0 | 0 | |
| 13 | 0 | 0 | |
| 14 | 0 | 0 | |
| 15 | 0 | 0 | |
| 16 | 0 | 0 | |
| 17 | 0 | 0 | |
| 18 | 0 | 0 | |
| 19 | 0 | 0 | |
| 20 | 0 | 0 | |
| 21 | 0 | 0 | |
| 22 | 0 | 0 | |
| 23 | 0 | 0 | |
| 24 | 0 | 0 | |
| 25 | 0 | 0 | |
| 26 | 0 | 0,0875 | |
| 27 | 0 | 0,0875 | |
| 28 | 0 | 0,175 | |
| 29 | 0 | 0,175 | |
| 30 | 0 | 0,675 | |
| 31 | 0 | 0,675 | |
| 32 | 0 | 1,175 | |
| 33 | 0 | 1,175 | |
| 34 | 0 | 1,675 | |
| 35 | 0 | 1,675 | |
| 36 | 0 | 2,175 | |
| 37 | 0 | 2,175 | |
| 38 | 0 | 2,2625 | |
| 39 | 0 | 2,2625 | |
| 40 | 0 | 2,35 | |
| 41 | 0 | 2,35 | |
| 42 | 0 | 2,35 | |
| 43 | 0 | 2,35 | |
| 44 | 0 | 2,35 | |
| 45 | 0 | 2,35 | |
| 46 | 0 | 2,35 | |
| 47 | 0 | 2,35 | |

Table: Joint Displacements

Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 m | U2 m | U3 m | R1 Radians | R2 Radians | R3 Radians |
|-------|------------|-----------|-----------|---------|-----------|---------------|---------------|---------------|
| 1 | FP | LinStatic | 2,711E-07 | 0 | -0,007031 | 0 | -5,2E-05 | 0 |
| 1 | REINTSUP | LinStatic | 1,062E-09 | 0 | -0,00145 | 0 | -1,7E-05 | 0 |
| 1 | BALLAST | LinStatic | 2,361E-09 | 0 | -0,003223 | 0 | -3,8E-05 | 0 |
| 1 | STERRASX | LinStatic | 0,041793 | 0 | 0,010525 | 0 | 0,009047 | 0 |
| 1 | STERRADX | LinStatic | -0,04179 | 0 | -0,010505 | 0 | -0,008996 | 0 |

Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 1 | TERMP | LinStatic | -1,622E-07 | 0 | -7,237E-06 | 0 | -1,9E-05 | 0 |
| 1 | TERMN | LinStatic | 4,867E-07 | 0 | 2,2E-05 | 0 | 5,6E-05 | 0 |
| 1 | GRADTP | LinStatic | 5,481E-07 | 0 | 7,752E-06 | 0 | 2E-05 | 0 |
| 1 | GRADTN | LinStatic | -5,481E-07 | 0 | -7,752E-06 | 0 | -2E-05 | 0 |
| 1 | LM71C | LinStatic | 1,027E-08 | 0 | -0,014013 | 0 | -0,000164 | 0 |
| 1 | STLM71 | LinStatic | 0,049443 | 0 | 0,014818 | 0 | 0,01273 | 0 |
| 1 | AVVLM71 | LinStatic | 0,02298 | 0 | 0,013761 | 0 | 0,011789 | 0 |
| 1 | SW2 | LinStatic | 8,049E-09 | 0 | -0,010987 | 0 | -0,000129 | 0 |
| 1 | STSW2 | LinStatic | 0,038762 | 0 | 0,011617 | 0 | 0,00998 | 0 |
| 1 | FRENSW2 | LinStatic | 0,024381 | 0 | 0,014599 | 0 | 0,012508 | 0 |
| 1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | INCRTER | LinStatic | 0,044102 | 0 | 0,013217 | 0 | 0,011355 | 0 |
| 1 | LM71SISO | LinStatic | 0,00864 | 0 | 0,005174 | 0 | 0,004433 | 0 |
| 1 | SW2SISO | LinStatic | 0,00676 | 0 | 0,004048 | 0 | 0,003468 | 0 |
| 1 | SISMAO | LinStatic | 0,026701 | 0 | 0,013163 | 0 | 0,01128 | 0 |
| 1 | LM71SVA | LinStatic | -3,054E-10 | 0 | 0,000417 | 0 | 4,884E-06 | 0 |
| 1 | SW2SVA | LinStatic | -2,405E-10 | 0 | 0,000328 | 0 | 3,846E-06 | 0 |
| 1 | SISMAVA | LinStatic | -4,084E-08 | 0 | 0,001482 | 0 | 1,6E-05 | 0 |
| 1 | LM71SVB | LinStatic | 3,054E-10 | 0 | -0,000417 | 0 | -4,884E-06 | 0 |
| 1 | SW2SVB | LinStatic | 2,405E-10 | 0 | -0,000328 | 0 | -3,846E-06 | 0 |
| 1 | SISMAVB | LinStatic | 4,084E-08 | 0 | -0,001482 | 0 | -1,6E-05 | 0 |
| 2 | PP | LinStatic | 2,51E-07 | 0 | -0,007026 | 0 | -5,7E-05 | 0 |
| 2 | REINTSUP | LinStatic | 9,832E-10 | 0 | -0,001448 | 0 | -1,8E-05 | 0 |
| 2 | BALLAST | LinStatic | 2,185E-09 | 0 | -0,003219 | 0 | -4E-05 | 0 |
| 2 | STERRASX | LinStatic | 0,041793 | 0 | 0,009734 | 0 | 0,009033 | 0 |
| 2 | STERRADX | LinStatic | -0,04179 | 0 | -0,009718 | 0 | -0,008986 | 0 |
| 2 | TERMP | LinStatic | -1,501E-07 | 0 | -5,677E-06 | 0 | -1,7E-05 | 0 |
| 2 | TERMN | LinStatic | 4,504E-07 | 0 | 1,7E-05 | 0 | 5,1E-05 | 0 |
| 2 | GRADTP | LinStatic | 5,073E-07 | 0 | 6,081E-06 | 0 | 1,8E-05 | 0 |
| 2 | GRADTN | LinStatic | -5,073E-07 | 0 | -6,081E-06 | 0 | -1,8E-05 | 0 |
| 2 | LM71C | LinStatic | 9,501E-09 | 0 | -0,013996 | 0 | -0,000174 | 0 |
| 2 | STLM71 | LinStatic | 0,049442 | 0 | 0,013705 | 0 | 0,012711 | 0 |
| 2 | AVVLM71 | LinStatic | 0,02298 | 0 | 0,01273 | 0 | 0,011777 | 0 |
| 2 | SW2 | LinStatic | 7,449E-09 | 0 | -0,010974 | 0 | -0,000136 | 0 |
| 2 | STSW2 | LinStatic | 0,038762 | 0 | 0,010744 | 0 | 0,009965 | 0 |
| 2 | FRENSW2 | LinStatic | 0,02438 | 0 | 0,013505 | 0 | 0,012495 | 0 |
| 2 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | INCRTER | LinStatic | 0,044102 | 0 | 0,012224 | 0 | 0,011338 | 0 |
| 2 | LM71SISO | LinStatic | 0,00864 | 0 | 0,004786 | 0 | 0,004428 | 0 |
| 2 | SW2SISO | LinStatic | 0,00676 | 0 | 0,003745 | 0 | 0,003465 | 0 |
| 2 | SISMAO | LinStatic | 0,0267 | 0 | 0,012176 | 0 | 0,011268 | 0 |
| 2 | LM71SVA | LinStatic | -2,827E-10 | 0 | 0,000416 | 0 | 5,179E-06 | 0 |
| 2 | SW2SVA | LinStatic | -2,226E-10 | 0 | 0,000328 | 0 | 4,079E-06 | 0 |
| 2 | SISMAVA | LinStatic | -3,78E-08 | 0 | 0,00148 | 0 | 1,7E-05 | 0 |
| 2 | LM71SVB | LinStatic | 2,827E-10 | 0 | -0,000416 | 0 | -5,179E-06 | 0 |
| 2 | SW2SVB | LinStatic | 2,226E-10 | 0 | -0,000328 | 0 | -4,079E-06 | 0 |
| 2 | SISMAVB | LinStatic | 3,78E-08 | 0 | -0,00148 | 0 | -1,7E-05 | 0 |
| 3 | PP | LinStatic | 2,308E-07 | 0 | -0,00702 | 0 | -5,9E-05 | 0 |
| 3 | REINTSUP | LinStatic | 9,041E-10 | 0 | -0,001447 | 0 | -1,9E-05 | 0 |
| 3 | BALLAST | LinStatic | 2,009E-09 | 0 | -0,003215 | 0 | -4,1E-05 | 0 |
| 3 | STERRASX | LinStatic | 0,041792 | 0 | 0,008944 | 0 | 0,009019 | 0 |
| 3 | STERRADX | LinStatic | -0,04179 | 0 | -0,008932 | 0 | -0,008976 | 0 |
| 3 | TERMP | LinStatic | -1,381E-07 | 0 | -4,238E-06 | 0 | -1,6E-05 | 0 |
| 3 | TERMN | LinStatic | 4,142E-07 | 0 | 1,3E-05 | 0 | 4,7E-05 | 0 |
| 3 | GRADTP | LinStatic | 4,664E-07 | 0 | 4,539E-06 | 0 | 1,7E-05 | 0 |
| 3 | GRADTN | LinStatic | -4,664E-07 | 0 | -4,539E-06 | 0 | -1,7E-05 | 0 |
| 3 | LM71C | LinStatic | 8,736E-09 | 0 | -0,013979 | 0 | -0,000179 | 0 |
| 3 | STLM71 | LinStatic | 0,049442 | 0 | 0,012593 | 0 | 0,012692 | 0 |
| 3 | AVVLM71 | LinStatic | 0,02298 | 0 | 0,0117 | 0 | 0,011765 | 0 |
| 3 | SW2 | LinStatic | 6,85E-09 | 0 | -0,010961 | 0 | -0,00014 | 0 |
| 3 | STSW2 | LinStatic | 0,038762 | 0 | 0,009873 | 0 | 0,009951 | 0 |
| 3 | FRENSW2 | LinStatic | 0,02438 | 0 | 0,012413 | 0 | 0,012481 | 0 |
| 3 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | INCRTER | LinStatic | 0,044102 | 0 | 0,011233 | 0 | 0,011322 | 0 |
| 3 | LM71SISO | LinStatic | 0,00864 | 0 | 0,004399 | 0 | 0,004423 | 0 |
| 3 | SW2SISO | LinStatic | 0,00676 | 0 | 0,003442 | 0 | 0,003461 | 0 |
| 3 | SISMAO | LinStatic | 0,0267 | 0 | 0,011191 | 0 | 0,011255 | 0 |
| 3 | LM71SVA | LinStatic | -2,599E-10 | 0 | 0,000416 | 0 | 5,322E-06 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 3 | SW2SVA | LinStatic | -2,047E-10 | 0 | 0,000328 | 0 | 4,19E-06 | 0 |
| 3 | SISMAVA | LinStatic | -3,476E-08 | 0 | 0,001479 | 0 | 1,8E-05 | 0 |
| 3 | LM71SVB | LinStatic | 2,599E-10 | 0 | -0,000416 | 0 | -5,322E-06 | 0 |
| 3 | SW2SVB | LinStatic | 2,047E-10 | 0 | -0,000328 | 0 | -4,19E-06 | 0 |
| 3 | SISMAVB | LinStatic | 3,476E-08 | 0 | -0,001479 | 0 | -1,8E-05 | 0 |
| 4 | PP | LinStatic | 2,077E-07 | 0 | -0,007014 | 0 | -6E-05 | 0 |
| 4 | REINTSUP | LinStatic | 8,137E-10 | 0 | -0,001445 | 0 | -1,8E-05 | 0 |
| 4 | BALLAST | LinStatic | 1,808E-09 | 0 | -0,00321 | 0 | -4,1E-05 | 0 |
| 4 | STERRASX | LinStatic | 0,041792 | 0 | 0,008043 | 0 | 0,009003 | 0 |
| 4 | STERRADX | LinStatic | -0,04179 | 0 | -0,008036 | 0 | -0,008964 | 0 |
| 4 | TERMP | LinStatic | -1,243E-07 | 0 | -2,741E-06 | 0 | -1,4E-05 | 0 |
| 4 | TERMN | LinStatic | 3,728E-07 | 0 | 8,223E-06 | 0 | 4,3E-05 | 0 |
| 4 | GRADTP | LinStatic | 4,198E-07 | 0 | 2,936E-06 | 0 | 1,5E-05 | 0 |
| 4 | GRADTN | LinStatic | -4,198E-07 | 0 | -2,936E-06 | 0 | -1,5E-05 | 0 |
| 4 | LM71C | LinStatic | 7,863E-09 | 0 | -0,013959 | 0 | -0,000179 | 0 |
| 4 | STLM71 | LinStatic | 0,049442 | 0 | 0,011325 | 0 | 0,012671 | 0 |
| 4 | AVVLM71 | LinStatic | 0,02298 | 0 | 0,010524 | 0 | 0,01175 | 0 |
| 4 | SW2 | LinStatic | 6,165E-09 | 0 | -0,010945 | 0 | -0,00014 | 0 |
| 4 | STSW2 | LinStatic | 0,038761 | 0 | 0,008879 | 0 | 0,008934 | 0 |
| 4 | FRENSW2 | LinStatic | 0,02438 | 0 | 0,011165 | 0 | 0,012466 | 0 |
| 4 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | INCRTER | LinStatic | 0,044101 | 0 | 0,010102 | 0 | 0,011303 | 0 |
| 4 | LM71SISO | LinStatic | 0,00864 | 0 | 0,003957 | 0 | 0,004418 | 0 |
| 4 | SW2SISO | LinStatic | 0,00676 | 0 | 0,003096 | 0 | 0,003456 | 0 |
| 4 | SISMAO | LinStatic | 0,0267 | 0 | 0,010066 | 0 | 0,01124 | 0 |
| 4 | LM71SVA | LinStatic | -2,339E-10 | 0 | 0,000415 | 0 | 5,313E-06 | 0 |
| 4 | SW2SVA | LinStatic | -1,842E-10 | 0 | 0,000327 | 0 | 4,183E-06 | 0 |
| 4 | SISMAVA | LinStatic | -3,128E-08 | 0 | 0,001477 | 0 | 1,8E-05 | 0 |
| 4 | LM71SVB | LinStatic | 2,339E-10 | 0 | -0,000415 | 0 | -5,313E-06 | 0 |
| 4 | SW2SVB | LinStatic | 1,842E-10 | 0 | -0,000327 | 0 | -4,183E-06 | 0 |
| 4 | SISMAVB | LinStatic | 3,128E-08 | 0 | -0,001477 | 0 | -1,8E-05 | 0 |
| 5 | PP | LinStatic | 1,846E-07 | 0 | -0,007007 | 0 | -5,9E-05 | 0 |
| 5 | REINTSUP | LinStatic | 7,233E-10 | 0 | -0,001443 | 0 | -1,8E-05 | 0 |
| 5 | BALLAST | LinStatic | 1,607E-09 | 0 | -0,003206 | 0 | -4E-05 | 0 |
| 5 | STERRASX | LinStatic | 0,041792 | 0 | 0,007144 | 0 | 0,008988 | 0 |
| 5 | STERRADX | LinStatic | -0,04179 | 0 | -0,00714 | 0 | -0,008953 | 0 |
| 5 | TERMP | LinStatic | -1,104E-07 | 0 | -1,402E-06 | 0 | -1,3E-05 | 0 |
| 5 | TERMN | LinStatic | 3,313E-07 | 0 | 4,206E-06 | 0 | 3,8E-05 | 0 |
| 5 | GRADTP | LinStatic | 3,732E-07 | 0 | 1,502E-06 | 0 | 1,3E-05 | 0 |
| 5 | GRADTN | LinStatic | -3,732E-07 | 0 | -1,502E-06 | 0 | -1,3E-05 | 0 |
| 5 | LM71C | LinStatic | 6,989E-09 | 0 | -0,01394 | 0 | -0,000173 | 0 |
| 5 | STLM71 | LinStatic | 0,049441 | 0 | 0,010059 | 0 | 0,01265 | 0 |
| 5 | AVVLM71 | LinStatic | 0,02298 | 0 | 0,00935 | 0 | 0,011735 | 0 |
| 5 | SW2 | LinStatic | 5,48E-09 | 0 | -0,01093 | 0 | -0,000135 | 0 |
| 5 | STSW2 | LinStatic | 0,038761 | 0 | 0,007886 | 0 | 0,008918 | 0 |
| 5 | FRENSW2 | LinStatic | 0,02438 | 0 | 0,00992 | 0 | 0,01245 | 0 |
| 5 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | INCRTER | LinStatic | 0,044101 | 0 | 0,008973 | 0 | 0,011284 | 0 |
| 5 | LM71SISO | LinStatic | 0,00864 | 0 | 0,003515 | 0 | 0,004412 | 0 |
| 5 | SW2SISO | LinStatic | 0,00676 | 0 | 0,00275 | 0 | 0,003452 | 0 |
| 5 | SISMAO | LinStatic | 0,0267 | 0 | 0,008943 | 0 | 0,011226 | 0 |
| 5 | LM71SVA | LinStatic | -2,079E-10 | 0 | 0,000415 | 0 | 5,138E-06 | 0 |
| 5 | SW2SVA | LinStatic | -1,637E-10 | 0 | 0,000327 | 0 | 4,046E-06 | 0 |
| 5 | SISMAVA | LinStatic | -2,781E-08 | 0 | 0,001475 | 0 | 1,7E-05 | 0 |
| 5 | LM71SVB | LinStatic | 2,079E-10 | 0 | -0,000415 | 0 | -5,138E-06 | 0 |
| 5 | SW2SVB | LinStatic | 1,637E-10 | 0 | -0,000327 | 0 | -4,046E-06 | 0 |
| 5 | SISMAVB | LinStatic | 2,781E-08 | 0 | -0,001475 | 0 | -1,7E-05 | 0 |
| 6 | PP | LinStatic | 1,615E-07 | 0 | -0,007001 | 0 | -5,5E-05 | 0 |
| 6 | REINTSUP | LinStatic | 6,329E-10 | 0 | -0,001441 | 0 | -1,7E-05 | 0 |
| 6 | BALLAST | LinStatic | 1,406E-09 | 0 | -0,003202 | 0 | -3,7E-05 | 0 |
| 6 | STERRASX | LinStatic | 0,041791 | 0 | 0,006246 | 0 | 0,008973 | 0 |
| 6 | STERRADX | LinStatic | -0,04179 | 0 | -0,006245 | 0 | -0,008942 | 0 |
| 6 | TERMP | LinStatic | -9,664E-08 | 0 | -2,209E-07 | 0 | -1,1E-05 | 0 |
| 6 | TERMN | LinStatic | 2,899E-07 | 0 | 6,626E-07 | 0 | 3,3E-05 | 0 |
| 6 | GRADTP | LinStatic | 3,265E-07 | 0 | 2,366E-07 | 0 | 1,2E-05 | 0 |
| 6 | GRADTN | LinStatic | -3,265E-07 | 0 | -2,366E-07 | 0 | -1,2E-05 | 0 |
| 6 | LM71C | LinStatic | 6,115E-09 | 0 | -0,013922 | 0 | -0,000162 | 0 |
| 6 | STLM71 | LinStatic | 0,049441 | 0 | 0,008796 | 0 | 0,012631 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 6 | AVVLM71 | LinStatic | 0,02298 | 0 | 0,008177 | 0 | 0,011721 | 0 |
| 6 | SW2 | LinStatic | 4,795E-09 | 0 | -0,010916 | 0 | -0,000127 | 0 |
| 6 | STSW2 | LinStatic | 0,038761 | 0 | 0,006896 | 0 | 0,009902 | 0 |
| 6 | FRENSW2 | LinStatic | 0,02438 | 0 | 0,008675 | 0 | 0,012436 | 0 |
| 6 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | INCRTER | LinStatic | 0,044101 | 0 | 0,007846 | 0 | 0,011266 | 0 |
| 6 | LM71SISO | LinStatic | 0,00864 | 0 | 0,003074 | 0 | 0,004407 | 0 |
| 6 | SW2SISO | LinStatic | 0,00676 | 0 | 0,002406 | 0 | 0,003448 | 0 |
| 6 | SISMAO | LinStatic | 0,0267 | 0 | 0,007821 | 0 | 0,011212 | 0 |
| 6 | LM71SVA | LinStatic | -1,82E-10 | 0 | 0,000414 | 0 | 4,817E-06 | 0 |
| 6 | SW2SVA | LinStatic | -1,433E-10 | 0 | 0,000326 | 0 | 3,793E-06 | 0 |
| 6 | SISMAVA | LinStatic | -2,433E-08 | 0 | 0,001473 | 0 | 1,6E-05 | 0 |
| 6 | LM71SVB | LinStatic | 1,82E-10 | 0 | -0,000414 | 0 | -4,817E-06 | 0 |
| 6 | SW2SVB | LinStatic | 1,433E-10 | 0 | -0,000326 | 0 | -3,793E-06 | 0 |
| 6 | SISMAVB | LinStatic | 2,433E-08 | 0 | -0,001473 | 0 | -1,6E-05 | 0 |
| 7 | PP | LinStatic | 1,385E-07 | 0 | -0,006995 | 0 | -5E-05 | 0 |
| 7 | REINTSUP | LinStatic | 5,425E-10 | 0 | -0,001439 | 0 | -1,5E-05 | 0 |
| 7 | BALLAST | LinStatic | 1,206E-09 | 0 | -0,003198 | 0 | -3,4E-05 | 0 |
| 7 | STERRASX | LinStatic | 0,041791 | 0 | 0,00535 | 0 | 0,008959 | 0 |
| 7 | STERRADX | LinStatic | -0,04179 | 0 | -0,005352 | 0 | -0,008933 | 0 |
| 7 | TERMP | LinStatic | -8,283E-08 | 0 | 8,026E-07 | 0 | -9,448E-06 | 0 |
| 7 | TERMN | LinStatic | 2,485E-07 | 0 | -2,408E-06 | 0 | 2,8E-05 | 0 |
| 7 | GRADTP | LinStatic | 2,799E-07 | 0 | -8,596E-07 | 0 | 1E-05 | 0 |
| 7 | GRADTN | LinStatic | -2,799E-07 | 0 | 8,596E-07 | 0 | -1E-05 | 0 |
| 7 | LM71C | LinStatic | 5,242E-09 | 0 | -0,013905 | 0 | -0,000147 | 0 |
| 7 | STLM71 | LinStatic | 0,049441 | 0 | 0,007534 | 0 | 0,012612 | 0 |
| 7 | AVVLM71 | LinStatic | 0,02298 | 0 | 0,007006 | 0 | 0,011709 | 0 |
| 7 | SW2 | LinStatic | 4,11E-09 | 0 | -0,010903 | 0 | -0,000115 | 0 |
| 7 | STSW2 | LinStatic | 0,038761 | 0 | 0,005906 | 0 | 0,009888 | 0 |
| 7 | FRENSW2 | LinStatic | 0,02438 | 0 | 0,007433 | 0 | 0,012422 | 0 |
| 7 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | INCRTER | LinStatic | 0,044101 | 0 | 0,00672 | 0 | 0,01125 | 0 |
| 7 | LM71SISO | LinStatic | 0,00864 | 0 | 0,002634 | 0 | 0,004402 | 0 |
| 7 | SW2SISO | LinStatic | 0,00676 | 0 | 0,002061 | 0 | 0,003444 | 0 |
| 7 | SISMAO | LinStatic | 0,0267 | 0 | 0,006701 | 0 | 0,0112 | 0 |
| 7 | LM71SVA | LinStatic | -1,56E-10 | 0 | 0,000414 | 0 | 4,368E-06 | 0 |
| 7 | SW2SVA | LinStatic | -1,228E-10 | 0 | 0,000326 | 0 | 3,439E-06 | 0 |
| 7 | SISMAVA | LinStatic | -2,086E-08 | 0 | 0,001471 | 0 | 1,5E-05 | 0 |
| 7 | LM71SVB | LinStatic | 1,56E-10 | 0 | -0,000414 | 0 | -4,368E-06 | 0 |
| 7 | SW2SVB | LinStatic | 1,228E-10 | 0 | -0,000326 | 0 | -3,439E-06 | 0 |
| 7 | SISMAVB | LinStatic | 2,086E-08 | 0 | -0,001471 | 0 | -1,5E-05 | 0 |
| 8 | PP | LinStatic | 1,154E-07 | 0 | -0,00699 | 0 | -4,4E-05 | 0 |
| 8 | REINTSUP | LinStatic | 4,521E-10 | 0 | -0,001438 | 0 | -1,3E-05 | 0 |
| 8 | BALLAST | LinStatic | 1,005E-09 | 0 | -0,003195 | 0 | -2,9E-05 | 0 |
| 8 | STERRASX | LinStatic | 0,041791 | 0 | 0,004455 | 0 | 0,008947 | 0 |
| 8 | STERRADX | LinStatic | -0,04179 | 0 | -0,004459 | 0 | -0,008925 | 0 |
| 8 | TERMP | LinStatic | -6,903E-08 | 0 | 1,668E-06 | 0 | -7,872E-06 | 0 |
| 8 | TERMN | LinStatic | 2,071E-07 | 0 | -5,005E-06 | 0 | 2,4E-05 | 0 |
| 8 | GRADTP | LinStatic | 2,332E-07 | 0 | -1,787E-06 | 0 | 8,432E-06 | 0 |
| 8 | GRADTN | LinStatic | -2,332E-07 | 0 | 1,787E-06 | 0 | -8,432E-06 | 0 |
| 8 | LM71C | LinStatic | 4,368E-09 | 0 | -0,013891 | 0 | -0,000128 | 0 |
| 8 | STLM71 | LinStatic | 0,04944 | 0 | 0,006274 | 0 | 0,012596 | 0 |
| 8 | AVVLM71 | LinStatic | 0,02298 | 0 | 0,005836 | 0 | 0,011697 | 0 |
| 8 | SW2 | LinStatic | 3,425E-09 | 0 | -0,010892 | 0 | -0,0001 | 0 |
| 8 | STSW2 | LinStatic | 0,03876 | 0 | 0,004919 | 0 | 0,009875 | 0 |
| 8 | FRENSW2 | LinStatic | 0,02438 | 0 | 0,006192 | 0 | 0,01241 | 0 |
| 8 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | INCRTER | LinStatic | 0,0441 | 0 | 0,005596 | 0 | 0,011235 | 0 |
| 8 | LM71SISO | LinStatic | 0,00864 | 0 | 0,002194 | 0 | 0,004398 | 0 |
| 8 | SW2SISO | LinStatic | 0,00676 | 0 | 0,001717 | 0 | 0,003441 | 0 |
| 8 | SISMAO | LinStatic | 0,0267 | 0 | 0,005582 | 0 | 0,011188 | 0 |
| 8 | LM71SVA | LinStatic | -1,3E-10 | 0 | 0,000413 | 0 | 3,808E-06 | 0 |
| 8 | SW2SVA | LinStatic | -1,023E-10 | 0 | 0,000325 | 0 | 2,998E-06 | 0 |
| 8 | SISMAVA | LinStatic | -1,738E-08 | 0 | 0,00147 | 0 | 1,3E-05 | 0 |
| 8 | LM71SVB | LinStatic | 1,3E-10 | 0 | -0,000413 | 0 | -3,808E-06 | 0 |
| 8 | SW2SVB | LinStatic | 1,023E-10 | 0 | -0,000325 | 0 | -2,998E-06 | 0 |
| 8 | SISMAVB | LinStatic | 1,738E-08 | 0 | -0,00147 | 0 | -1,3E-05 | 0 |
| 9 | PP | LinStatic | 9,23E-08 | 0 | -0,006986 | 0 | -3,7E-05 | 0 |

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| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 9 | REINTSUP | LinStatic | 3,616E-10 | 0 | -0,001436 | 0 | -1,1E-05 | 0 |
| 9 | BALLAST | LinStatic | 8,037E-10 | 0 | -0,003192 | 0 | -2,4E-05 | 0 |
| 9 | STERRASX | LinStatic | 0,041791 | 0 | 0,003561 | 0 | 0,008936 | 0 |
| 9 | STERRADX | LinStatic | -0,04179 | 0 | -0,003568 | 0 | -0,008919 | 0 |
| 9 | TERMP | LinStatic | -5,522E-08 | 0 | 2,377E-06 | 0 | -6,297E-06 | 0 |
| 9 | TERMN | LinStatic | 1,657E-07 | 0 | -7,13E-06 | 0 | 1,9E-05 | 0 |
| 9 | GRADTP | LinStatic | 1,866E-07 | 0 | -2,546E-06 | 0 | 6,744E-06 | 0 |
| 9 | GRADTN | LinStatic | -1,866E-07 | 0 | 2,546E-06 | 0 | -6,744E-06 | 0 |
| 9 | LM71C | LinStatic | 3,494E-09 | 0 | -0,013878 | 0 | -0,000106 | 0 |
| 9 | STLM71 | LinStatic | 0,04944 | 0 | 0,005016 | 0 | 0,012582 | 0 |
| 9 | AVVLM71 | LinStatic | 0,02298 | 0 | 0,004668 | 0 | 0,011688 | 0 |
| 9 | SW2 | LinStatic | 2,74E-09 | 0 | -0,010882 | 0 | -8,3E-05 | 0 |
| 9 | STSW2 | LinStatic | 0,03876 | 0 | 0,003932 | 0 | 0,009864 | 0 |
| 9 | FRENSW2 | LinStatic | 0,02438 | 0 | 0,004952 | 0 | 0,0124 | 0 |
| 9 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | INCRTER | LinStatic | 0,0441 | 0 | 0,004474 | 0 | 0,011223 | 0 |
| 9 | LM71SISO | LinStatic | 0,00864 | 0 | 0,001755 | 0 | 0,004394 | 0 |
| 9 | SW2SISO | LinStatic | 0,00676 | 0 | 0,001373 | 0 | 0,003438 | 0 |
| 9 | SISMAO | LinStatic | 0,0267 | 0 | 0,004464 | 0 | 0,011179 | 0 |
| 9 | LM71SVA | LinStatic | -1,04E-10 | 0 | 0,000413 | 0 | 3,156E-06 | 0 |
| 9 | SW2SVA | LinStatic | -8,187E-11 | 0 | 0,000325 | 0 | 2,485E-06 | 0 |
| 9 | SISMAVA | LinStatic | -1,39E-08 | 0 | 0,001468 | 0 | 1,1E-05 | 0 |
| 9 | LM71SVB | LinStatic | 1,04E-10 | 0 | -0,000413 | 0 | -3,156E-06 | 0 |
| 9 | SW2SVB | LinStatic | 8,187E-11 | 0 | -0,000325 | 0 | -2,485E-06 | 0 |
| 9 | SISMAVB | LinStatic | 1,39E-08 | 0 | -0,001468 | 0 | -1,1E-05 | 0 |
| 10 | PP | LinStatic | 6,923E-08 | 0 | -0,006982 | 0 | -2,8E-05 | 0 |
| 10 | REINTSUP | LinStatic | 2,712E-10 | 0 | -0,001435 | 0 | -8,457E-06 | 0 |
| 10 | BALLAST | LinStatic | 6,027E-10 | 0 | -0,003189 | 0 | -1,9E-05 | 0 |
| 10 | STERRASX | LinStatic | 0,04179 | 0 | 0,002669 | 0 | 0,008927 | 0 |
| 10 | STERRADX | LinStatic | -0,04179 | 0 | -0,002677 | 0 | -0,008914 | 0 |
| 10 | TERMP | LinStatic | -4,142E-08 | 0 | 2,927E-06 | 0 | -4,722E-06 | 0 |
| 10 | TERMN | LinStatic | 1,243E-07 | 0 | -8,782E-06 | 0 | 1,4E-05 | 0 |
| 10 | GRADTP | LinStatic | 1,399E-07 | 0 | -3,135E-06 | 0 | 5,058E-06 | 0 |
| 10 | GRADTN | LinStatic | -1,399E-07 | 0 | 3,135E-06 | 0 | -5,058E-06 | 0 |
| 10 | LM71C | LinStatic | 2,621E-09 | 0 | -0,013868 | 0 | -8,2E-05 | 0 |
| 10 | STLM71 | LinStatic | 0,04944 | 0 | 0,003759 | 0 | 0,01257 | 0 |
| 10 | AVVLM71 | LinStatic | 0,02298 | 0 | 0,0035 | 0 | 0,01168 | 0 |
| 10 | SW2 | LinStatic | 2,055E-09 | 0 | -0,010874 | 0 | -6,4E-05 | 0 |
| 10 | STSW2 | LinStatic | 0,03876 | 0 | 0,002947 | 0 | 0,009854 | 0 |
| 10 | FRENSW2 | LinStatic | 0,02438 | 0 | 0,003713 | 0 | 0,012391 | 0 |
| 10 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | INCRTER | LinStatic | 0,0441 | 0 | 0,003353 | 0 | 0,011212 | 0 |
| 10 | LM71SISO | LinStatic | 0,00864 | 0 | 0,001316 | 0 | 0,004391 | 0 |
| 10 | SW2SISO | LinStatic | 0,00676 | 0 | 0,00103 | 0 | 0,003436 | 0 |
| 10 | SISMAO | LinStatic | 0,0267 | 0 | 0,003347 | 0 | 0,011171 | 0 |
| 10 | LM71SVA | LinStatic | -7,798E-11 | 0 | 0,000413 | 0 | 2,431E-06 | 0 |
| 10 | SW2SVA | LinStatic | -6,141E-11 | 0 | 0,000325 | 0 | 1,915E-06 | 0 |
| 10 | SISMAVA | LinStatic | -1,043E-08 | 0 | 0,001467 | 0 | 8,278E-06 | 0 |
| 10 | LM71SVB | LinStatic | 7,798E-11 | 0 | -0,000413 | 0 | -2,431E-06 | 0 |
| 10 | SW2SVB | LinStatic | 6,141E-11 | 0 | -0,000325 | 0 | -1,915E-06 | 0 |
| 10 | SISMAVB | LinStatic | 1,043E-08 | 0 | -0,001467 | 0 | -8,278E-06 | 0 |
| 11 | PP | LinStatic | 4,615E-08 | 0 | -0,00698 | 0 | -1,9E-05 | 0 |
| 11 | REINTSUP | LinStatic | 1,808E-10 | 0 | -0,001434 | 0 | -5,744E-06 | 0 |
| 11 | BALLAST | LinStatic | 4,018E-10 | 0 | -0,003188 | 0 | -1,3E-05 | 0 |
| 11 | STERRASX | LinStatic | 0,04179 | 0 | 0,001777 | 0 | 0,00892 | 0 |
| 11 | STERRADX | LinStatic | -0,04179 | 0 | -0,001786 | 0 | -0,008911 | 0 |
| 11 | TERMP | LinStatic | -2,761E-08 | 0 | 3,321E-06 | 0 | -3,148E-06 | 0 |
| 11 | TERMN | LinStatic | 8,283E-08 | 0 | -9,963E-06 | 0 | 9,444E-06 | 0 |
| 11 | GRADTP | LinStatic | 9,329E-08 | 0 | -3,557E-06 | 0 | 3,372E-06 | 0 |
| 11 | GRADTN | LinStatic | -9,329E-08 | 0 | 3,557E-06 | 0 | -3,372E-06 | 0 |
| 11 | LM71C | LinStatic | 1,747E-09 | 0 | -0,013861 | 0 | -5,6E-05 | 0 |
| 11 | STLM71 | LinStatic | 0,04944 | 0 | 0,002503 | 0 | 0,01256 | 0 |
| 11 | AVVLM71 | LinStatic | 0,02298 | 0 | 0,002333 | 0 | 0,011674 | 0 |
| 11 | SW2 | LinStatic | 1,37E-09 | 0 | -0,010868 | 0 | -4,4E-05 | 0 |
| 11 | STSW2 | LinStatic | 0,03876 | 0 | 0,001963 | 0 | 0,009847 | 0 |
| 11 | FRENSW2 | LinStatic | 0,02438 | 0 | 0,002475 | 0 | 0,012385 | 0 |
| 11 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | INCRTER | LinStatic | 0,0441 | 0 | 0,002233 | 0 | 0,011204 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 11 | LM71SISO | LinStatic | 0,00864 | 0 | 0,000877 | 0 | 0,004389 | 0 |
| 11 | SW2SISO | LinStatic | 0,00676 | 0 | 0,000686 | 0 | 0,003434 | 0 |
| 11 | SISMAO | LinStatic | 0,0267 | 0 | 0,002231 | 0 | 0,011166 | 0 |
| 11 | LM71SVA | LinStatic | -5,199E-11 | 0 | 0,000412 | 0 | 1,651E-06 | 0 |
| 11 | SW2SVA | LinStatic | -4,094E-11 | 0 | 0,000325 | 0 | 1,3E-06 | 0 |
| 11 | SISMAVA | LinStatic | -6,952E-09 | 0 | 0,001467 | 0 | 5,627E-06 | 0 |
| 11 | LM71SVB | LinStatic | 5,199E-11 | 0 | -0,000412 | 0 | -1,651E-06 | 0 |
| 11 | SW2SVB | LinStatic | 4,094E-11 | 0 | -0,000325 | 0 | -1,3E-06 | 0 |
| 11 | SISMAVB | LinStatic | 6,952E-09 | 0 | -0,001467 | 0 | -5,627E-06 | 0 |
| 12 | PP | LinStatic | 2,308E-08 | 0 | -0,006978 | 0 | -9,759E-06 | 0 |
| 12 | REINTSUP | LinStatic | 9,041E-11 | 0 | -0,001434 | 0 | -2,904E-06 | 0 |
| 12 | BALLAST | LinStatic | 2,009E-10 | 0 | -0,003187 | 0 | -6,453E-06 | 0 |
| 12 | STERRASX | LinStatic | 0,04179 | 0 | 0,000886 | 0 | 0,008915 | 0 |
| 12 | STERRADX | LinStatic | -0,04179 | 0 | -0,000886 | 0 | -0,00891 | 0 |
| 12 | TERMP | LinStatic | -1,381E-08 | 0 | 3,557E-06 | 0 | -1,574E-06 | 0 |
| 12 | TERMN | LinStatic | 4,142E-08 | 0 | -1,1E-05 | 0 | 4,722E-06 | 0 |
| 12 | GRADTP | LinStatic | 4,664E-08 | 0 | -3,81E-06 | 0 | 1,686E-06 | 0 |
| 12 | GRADTN | LinStatic | -4,664E-08 | 0 | 3,81E-06 | 0 | -1,686E-06 | 0 |
| 12 | LM71C | LinStatic | 8,736E-10 | 0 | -0,013856 | 0 | -2,8E-05 | 0 |
| 12 | STLM71 | LinStatic | 0,04944 | 0 | 0,001249 | 0 | 0,012554 | 0 |
| 12 | AVVLM71 | LinStatic | 0,02298 | 0 | 0,001166 | 0 | 0,011671 | 0 |
| 12 | SW2 | LinStatic | 6,85E-10 | 0 | -0,010865 | 0 | -2,2E-05 | 0 |
| 12 | STSW2 | LinStatic | 0,03876 | 0 | 0,000979 | 0 | 0,009842 | 0 |
| 12 | FRENSW2 | LinStatic | 0,02438 | 0 | 0,001237 | 0 | 0,012382 | 0 |
| 12 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | INCRTER | LinStatic | 0,0441 | 0 | 0,001114 | 0 | 0,011198 | 0 |
| 12 | LM71SISO | LinStatic | 0,00864 | 0 | 0,000439 | 0 | 0,004388 | 0 |
| 12 | SW2SISO | LinStatic | 0,00676 | 0 | 0,000343 | 0 | 0,003433 | 0 |
| 12 | SISMAO | LinStatic | 0,0267 | 0 | 0,001115 | 0 | 0,011162 | 0 |
| 12 | LM71SVA | LinStatic | -2,599E-11 | 0 | 0,000412 | 0 | 8,349E-07 | 0 |
| 12 | SW2SVA | LinStatic | -2,047E-11 | 0 | 0,000325 | 0 | 6,574E-07 | 0 |
| 12 | SISMAVA | LinStatic | -3,476E-09 | 0 | 0,001466 | 0 | 2,846E-06 | 0 |
| 12 | LM71SVB | LinStatic | 2,599E-11 | 0 | -0,000412 | 0 | -8,349E-07 | 0 |
| 12 | SW2SVB | LinStatic | 2,047E-11 | 0 | -0,000325 | 0 | -6,574E-07 | 0 |
| 12 | SISMAVB | LinStatic | 3,476E-09 | 0 | -0,001466 | 0 | -2,846E-06 | 0 |
| 13 | PP | LinStatic | -3,918E-16 | 0 | -0,006977 | 0 | -7,808E-14 | 0 |
| 13 | REINTSUP | LinStatic | -8,165E-17 | 0 | -0,001434 | 0 | -1,611E-14 | 0 |
| 13 | BALLAST | LinStatic | -1,804E-16 | 0 | -0,003186 | 0 | -3,579E-14 | 0 |
| 13 | STERRASX | LinStatic | 0,04179 | 0 | -5,047E-06 | 0 | 0,008912 | 0 |
| 13 | STERRADX | LinStatic | -0,04179 | 0 | -5,047E-06 | 0 | -0,008912 | 0 |
| 13 | TERMP | LinStatic | -9,243E-16 | 0 | 3,636E-06 | 0 | -5,5E-16 | 0 |
| 13 | TERMN | LinStatic | 2,426E-15 | 0 | -1,1E-05 | 0 | 1,48E-15 | 0 |
| 13 | GRADTP | LinStatic | -1,734E-17 | 0 | -3,894E-06 | 0 | 3,842E-17 | 0 |
| 13 | GRADTN | LinStatic | 1,734E-17 | 0 | 3,894E-06 | 0 | -3,842E-17 | 0 |
| 13 | LM71C | LinStatic | -7,881E-16 | 0 | -0,013855 | 0 | -1,556E-13 | 0 |
| 13 | STLM71 | LinStatic | 0,049439 | 0 | -5,732E-06 | 0 | 0,01255 | 0 |
| 13 | AVVLM71 | LinStatic | 0,02298 | 0 | 5,999E-14 | 0 | 0,011669 | 0 |
| 13 | SW2 | LinStatic | -6,155E-16 | 0 | -0,010863 | 0 | -1,22E-13 | 0 |
| 13 | STSW2 | LinStatic | 0,03876 | 0 | -4,494E-06 | 0 | 0,009839 | 0 |
| 13 | FRENSW2 | LinStatic | 0,02438 | 0 | 6,365E-14 | 0 | 0,01238 | 0 |
| 13 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | INCRTER | LinStatic | 0,0441 | 0 | -5,113E-06 | 0 | 0,011194 | 0 |
| 13 | LM71SISO | LinStatic | 0,00864 | 0 | 2,255E-14 | 0 | 0,004387 | 0 |
| 13 | SW2SISO | LinStatic | 0,00676 | 0 | 1,765E-14 | 0 | 0,003433 | 0 |
| 13 | SISMAO | LinStatic | 0,0267 | 0 | 5,74E-14 | 0 | 0,011161 | 0 |
| 13 | LM71SVA | LinStatic | 2,341E-17 | 0 | 0,000412 | 0 | 4,631E-15 | 0 |
| 13 | SW2SVA | LinStatic | 1,842E-17 | 0 | 0,000325 | 0 | 3,647E-15 | 0 |
| 13 | SISMAVA | LinStatic | 8,427E-17 | 0 | 0,001466 | 0 | 1,646E-14 | 0 |
| 13 | LM71SVB | LinStatic | -2,341E-17 | 0 | -0,000412 | 0 | -4,631E-15 | 0 |
| 13 | SW2SVB | LinStatic | -1,842E-17 | 0 | -0,000325 | 0 | -3,647E-15 | 0 |
| 13 | SISMAVB | LinStatic | -8,427E-17 | 0 | -0,001466 | 0 | -1,646E-14 | 0 |
| 14 | PP | LinStatic | -2,308E-08 | 0 | -0,006978 | 0 | 9,759E-06 | 0 |
| 14 | REINTSUP | LinStatic | -9,041E-11 | 0 | -0,001434 | 0 | 2,904E-06 | 0 |
| 14 | BALLAST | LinStatic | -2,009E-10 | 0 | -0,003187 | 0 | 6,453E-06 | 0 |
| 14 | STERRASX | LinStatic | 0,04179 | 0 | -0,000886 | 0 | 0,00891 | 0 |
| 14 | STERRADX | LinStatic | -0,04179 | 0 | 0,000886 | 0 | -0,008915 | 0 |
| 14 | TERMP | LinStatic | 1,381E-08 | 0 | 3,557E-06 | 0 | 1,574E-06 | 0 |
| 14 | TERMN | LinStatic | -4,142E-08 | 0 | -1,1E-05 | 0 | -4,722E-06 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 14 | GRADTP | LinStatic | -4,664E-08 | 0 | -3,81E-06 | 0 | -1,686E-06 | 0 |
| 14 | GRADTN | LinStatic | 4,664E-08 | 0 | 3,81E-06 | 0 | 1,686E-06 | 0 |
| 14 | LM71C | LinStatic | -8,736E-10 | 0 | -0,013856 | 0 | 2,8E-05 | 0 |
| 14 | STLM71 | LinStatic | 0,049439 | 0 | -0,00126 | 0 | 0,012549 | 0 |
| 14 | AVVLM71 | LinStatic | 0,02298 | 0 | -0,001166 | 0 | 0,011671 | 0 |
| 14 | SW2 | LinStatic | -6,85E-10 | 0 | -0,010865 | 0 | 2,2E-05 | 0 |
| 14 | STSW2 | LinStatic | 0,038759 | 0 | -0,000988 | 0 | 0,009838 | 0 |
| 14 | FRENSW2 | LinStatic | 0,02438 | 0 | -0,001237 | 0 | 0,012382 | 0 |
| 14 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | INCRTER | LinStatic | 0,044099 | 0 | -0,001124 | 0 | 0,011193 | 0 |
| 14 | LM71SISO | LinStatic | 0,00864 | 0 | -0,000439 | 0 | 0,004388 | 0 |
| 14 | SW2SISO | LinStatic | 0,00676 | 0 | -0,000343 | 0 | 0,003433 | 0 |
| 14 | SISMAO | LinStatic | 0,0267 | 0 | -0,001115 | 0 | 0,011162 | 0 |
| 14 | LM71SVA | LinStatic | 2,599E-11 | 0 | 0,000412 | 0 | -8,349E-07 | 0 |
| 14 | SW2SVA | LinStatic | 2,047E-11 | 0 | 0,000325 | 0 | -6,574E-07 | 0 |
| 14 | SISMAVA | LinStatic | 3,476E-09 | 0 | 0,001466 | 0 | -2,846E-06 | 0 |
| 14 | LM71SVB | LinStatic | -2,599E-11 | 0 | -0,000412 | 0 | 8,349E-07 | 0 |
| 14 | SW2SVB | LinStatic | -2,047E-11 | 0 | -0,000325 | 0 | 6,574E-07 | 0 |
| 14 | SISMAVB | LinStatic | -3,476E-09 | 0 | -0,001466 | 0 | 2,846E-06 | 0 |
| 15 | PP | LinStatic | -4,615E-08 | 0 | -0,00698 | 0 | 1,9E-05 | 0 |
| 15 | REINTSUP | LinStatic | -1,808E-10 | 0 | -0,001434 | 0 | 5,744E-06 | 0 |
| 15 | BALLAST | LinStatic | -4,018E-10 | 0 | -0,003188 | 0 | 1,3E-05 | 0 |
| 15 | STERRASX | LinStatic | 0,04179 | 0 | -0,001786 | 0 | 0,008911 | 0 |
| 15 | STERRADX | LinStatic | -0,04179 | 0 | 0,001777 | 0 | -0,00892 | 0 |
| 15 | TERMP | LinStatic | 2,761E-08 | 0 | 3,321E-06 | 0 | 3,148E-06 | 0 |
| 15 | TERMN | LinStatic | -8,283E-08 | 0 | -9,963E-06 | 0 | -9,444E-06 | 0 |
| 15 | GRADTP | LinStatic | -9,329E-08 | 0 | -3,557E-06 | 0 | -3,372E-06 | 0 |
| 15 | GRADTN | LinStatic | 9,329E-08 | 0 | 3,557E-06 | 0 | 3,372E-06 | 0 |
| 15 | LM71C | LinStatic | -1,747E-09 | 0 | -0,013861 | 0 | 5,6E-05 | 0 |
| 15 | STLM71 | LinStatic | 0,049439 | 0 | -0,002514 | 0 | 0,01255 | 0 |
| 15 | AVVLM71 | LinStatic | 0,02298 | 0 | -0,002333 | 0 | 0,011674 | 0 |
| 15 | SW2 | LinStatic | -1,37E-09 | 0 | -0,010868 | 0 | 4,4E-05 | 0 |
| 15 | STSW2 | LinStatic | 0,038759 | 0 | -0,001971 | 0 | 0,009839 | 0 |
| 15 | FRENSW2 | LinStatic | 0,02438 | 0 | -0,002475 | 0 | 0,012385 | 0 |
| 15 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | INCRTER | LinStatic | 0,044099 | 0 | -0,002242 | 0 | 0,011195 | 0 |
| 15 | LM71SISO | LinStatic | 0,00864 | 0 | -0,000877 | 0 | 0,004389 | 0 |
| 15 | SW2SISO | LinStatic | 0,00676 | 0 | -0,000686 | 0 | 0,003434 | 0 |
| 15 | SISMAO | LinStatic | 0,0267 | 0 | -0,002231 | 0 | 0,011166 | 0 |
| 15 | LM71SVA | LinStatic | 5,199E-11 | 0 | 0,000412 | 0 | -1,651E-06 | 0 |
| 15 | SW2SVA | LinStatic | 4,094E-11 | 0 | 0,000325 | 0 | -1,3E-06 | 0 |
| 15 | SISMAVA | LinStatic | 6,952E-09 | 0 | 0,001467 | 0 | -5,627E-06 | 0 |
| 15 | LM71SVB | LinStatic | -5,199E-11 | 0 | -0,000412 | 0 | 1,651E-06 | 0 |
| 15 | SW2SVB | LinStatic | -4,094E-11 | 0 | -0,000325 | 0 | 1,3E-06 | 0 |
| 15 | SISMAVB | LinStatic | -6,952E-09 | 0 | -0,001467 | 0 | 5,627E-06 | 0 |
| 16 | PP | LinStatic | -6,923E-08 | 0 | -0,006982 | 0 | 2,8E-05 | 0 |
| 16 | REINTSUP | LinStatic | -2,712E-10 | 0 | -0,001435 | 0 | 8,457E-06 | 0 |
| 16 | BALLAST | LinStatic | -6,027E-10 | 0 | -0,003189 | 0 | 1,9E-05 | 0 |
| 16 | STERRASX | LinStatic | 0,04179 | 0 | -0,002677 | 0 | 0,008914 | 0 |
| 16 | STERRADX | LinStatic | -0,04179 | 0 | 0,002669 | 0 | -0,008927 | 0 |
| 16 | TERMP | LinStatic | 4,142E-08 | 0 | 2,927E-06 | 0 | 4,722E-06 | 0 |
| 16 | TERMN | LinStatic | -1,243E-07 | 0 | -8,782E-06 | 0 | -1,4E-05 | 0 |
| 16 | GRADTP | LinStatic | -1,399E-07 | 0 | -3,135E-06 | 0 | -5,058E-06 | 0 |
| 16 | GRADTN | LinStatic | 1,399E-07 | 0 | 3,135E-06 | 0 | 5,058E-06 | 0 |
| 16 | LM71C | LinStatic | -2,621E-09 | 0 | -0,013868 | 0 | 8,2E-05 | 0 |
| 16 | STLM71 | LinStatic | 0,049439 | 0 | -0,003768 | 0 | 0,012555 | 0 |
| 16 | AVVLM71 | LinStatic | 0,02298 | 0 | -0,0035 | 0 | 0,01168 | 0 |
| 16 | SW2 | LinStatic | -2,055E-09 | 0 | -0,010874 | 0 | 6,4E-05 | 0 |
| 16 | STSW2 | LinStatic | 0,038759 | 0 | -0,002954 | 0 | 0,009843 | 0 |
| 16 | FRENSW2 | LinStatic | 0,02438 | 0 | -0,003713 | 0 | 0,012391 | 0 |
| 16 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | INCRTER | LinStatic | 0,044099 | 0 | -0,003361 | 0 | 0,011199 | 0 |
| 16 | LM71SISO | LinStatic | 0,00864 | 0 | -0,001316 | 0 | 0,004391 | 0 |
| 16 | SW2SISO | LinStatic | 0,00676 | 0 | -0,00103 | 0 | 0,003436 | 0 |
| 16 | SISMAO | LinStatic | 0,0267 | 0 | -0,003347 | 0 | 0,011171 | 0 |
| 16 | LM71SVA | LinStatic | 7,798E-11 | 0 | 0,000413 | 0 | -2,431E-06 | 0 |
| 16 | SW2SVA | LinStatic | 6,141E-11 | 0 | 0,000325 | 0 | -1,915E-06 | 0 |
| 16 | SISMAVA | LinStatic | 1,043E-08 | 0 | 0,001467 | 0 | -8,278E-06 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 16 | LM71SVB | LinStatic | -7,798E-11 | 0 | -0,000413 | 0 | 2,431E-06 | 0 |
| 16 | SW2SVB | LinStatic | -6,141E-11 | 0 | -0,000325 | 0 | 1,915E-06 | 0 |
| 16 | SISMAVB | LinStatic | -1,043E-08 | 0 | -0,001467 | 0 | 8,278E-06 | 0 |
| 17 | PP | LinStatic | -9,23E-08 | 0 | -0,006986 | 0 | 3,7E-05 | 0 |
| 17 | REINTSUP | LinStatic | -3,617E-10 | 0 | -0,001436 | 0 | 1,1E-05 | 0 |
| 17 | BALLAST | LinStatic | -8,037E-10 | 0 | -0,003192 | 0 | 2,4E-05 | 0 |
| 17 | STERRASX | LinStatic | 0,04179 | 0 | -0,003568 | 0 | 0,008919 | 0 |
| 17 | STERRADX | LinStatic | -0,041791 | 0 | 0,003561 | 0 | -0,008936 | 0 |
| 17 | TERMP | LinStatic | 5,522E-08 | 0 | 2,377E-06 | 0 | 6,297E-06 | 0 |
| 17 | TERMN | LinStatic | -1,657E-07 | 0 | -7,13E-06 | 0 | -1,9E-05 | 0 |
| 17 | GRADTP | LinStatic | -1,866E-07 | 0 | -2,546E-06 | 0 | -6,744E-06 | 0 |
| 17 | GRADTN | LinStatic | 1,866E-07 | 0 | 2,546E-06 | 0 | 6,744E-06 | 0 |
| 17 | LM71C | LinStatic | -3,494E-09 | 0 | -0,013878 | 0 | 0,000106 | 0 |
| 17 | STLM71 | LinStatic | 0,049439 | 0 | -0,005023 | 0 | 0,012562 | 0 |
| 17 | AVVLM71 | LinStatic | 0,02298 | 0 | -0,004668 | 0 | 0,011688 | 0 |
| 17 | SW2 | LinStatic | -2,74E-09 | 0 | -0,010882 | 0 | 8,3E-05 | 0 |
| 17 | STSW2 | LinStatic | 0,038759 | 0 | -0,003938 | 0 | 0,009848 | 0 |
| 17 | FRENSW2 | LinStatic | 0,02438 | 0 | -0,004952 | 0 | 0,0124 | 0 |
| 17 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | INCRTER | LinStatic | 0,044099 | 0 | -0,004481 | 0 | 0,011205 | 0 |
| 17 | LM71SISO | LinStatic | 0,00864 | 0 | -0,001755 | 0 | 0,004394 | 0 |
| 17 | SW2SISO | LinStatic | 0,00676 | 0 | -0,001373 | 0 | 0,003438 | 0 |
| 17 | SISMAO | LinStatic | 0,0267 | 0 | -0,004464 | 0 | 0,011179 | 0 |
| 17 | LM71SVA | LinStatic | 1,04E-10 | 0 | 0,000413 | 0 | -3,156E-06 | 0 |
| 17 | SW2SVA | LinStatic | 8,187E-11 | 0 | 0,000325 | 0 | -2,485E-06 | 0 |
| 17 | SISMAVA | LinStatic | 1,39E-08 | 0 | 0,001468 | 0 | -1,1E-05 | 0 |
| 17 | LM71SVB | LinStatic | -1,04E-10 | 0 | -0,000413 | 0 | 3,156E-06 | 0 |
| 17 | SW2SVB | LinStatic | -8,187E-11 | 0 | -0,000325 | 0 | 2,485E-06 | 0 |
| 17 | SISMAVB | LinStatic | -1,39E-08 | 0 | -0,001468 | 0 | 1,1E-05 | 0 |
| 18 | PP | LinStatic | -1,154E-07 | 0 | -0,006999 | 0 | 4,4E-05 | 0 |
| 18 | REINTSUP | LinStatic | -4,521E-10 | 0 | -0,001438 | 0 | 1,3E-05 | 0 |
| 18 | BALLAST | LinStatic | -1,005E-09 | 0 | -0,003195 | 0 | 2,9E-05 | 0 |
| 18 | STERRASX | LinStatic | 0,04179 | 0 | -0,004459 | 0 | 0,008925 | 0 |
| 18 | STERRADX | LinStatic | -0,041791 | 0 | 0,004455 | 0 | -0,008947 | 0 |
| 18 | TERMP | LinStatic | 6,903E-08 | 0 | 1,668E-06 | 0 | 7,872E-06 | 0 |
| 18 | TERMN | LinStatic | -2,071E-07 | 0 | -5,005E-06 | 0 | -2,4E-05 | 0 |
| 18 | GRADTP | LinStatic | -2,332E-07 | 0 | -1,787E-06 | 0 | -8,432E-06 | 0 |
| 18 | GRADTN | LinStatic | 2,332E-07 | 0 | 1,787E-06 | 0 | 8,432E-06 | 0 |
| 18 | LM71C | LinStatic | -4,368E-09 | 0 | -0,013891 | 0 | 0,000128 | 0 |
| 18 | STLM71 | LinStatic | 0,049439 | 0 | -0,006279 | 0 | 0,012571 | 0 |
| 18 | AVVLM71 | LinStatic | 0,02298 | 0 | -0,005836 | 0 | 0,011697 | 0 |
| 18 | SW2 | LinStatic | -3,425E-09 | 0 | -0,010892 | 0 | 0,0001 | 0 |
| 18 | STSW2 | LinStatic | 0,038759 | 0 | -0,004923 | 0 | 0,009855 | 0 |
| 18 | FRENSW2 | LinStatic | 0,02438 | 0 | -0,006192 | 0 | 0,01241 | 0 |
| 18 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | INCRTER | LinStatic | 0,044099 | 0 | -0,005601 | 0 | 0,011213 | 0 |
| 18 | LM71SISO | LinStatic | 0,00864 | 0 | -0,002194 | 0 | 0,004398 | 0 |
| 18 | SW2SISO | LinStatic | 0,00676 | 0 | -0,001717 | 0 | 0,003441 | 0 |
| 18 | SISMAO | LinStatic | 0,0267 | 0 | -0,005582 | 0 | 0,011188 | 0 |
| 18 | LM71SVA | LinStatic | 1,3E-10 | 0 | 0,000413 | 0 | -3,808E-06 | 0 |
| 18 | SW2SVA | LinStatic | 1,023E-10 | 0 | 0,000325 | 0 | -2,998E-06 | 0 |
| 18 | SISMAVA | LinStatic | 1,738E-08 | 0 | 0,00147 | 0 | -1,3E-05 | 0 |
| 18 | LM71SVB | LinStatic | -1,3E-10 | 0 | -0,000413 | 0 | 3,808E-06 | 0 |
| 18 | SW2SVB | LinStatic | -1,023E-10 | 0 | -0,000325 | 0 | 2,998E-06 | 0 |
| 18 | SISMAVB | LinStatic | -1,738E-08 | 0 | -0,00147 | 0 | 1,3E-05 | 0 |
| 19 | PP | LinStatic | -1,385E-07 | 0 | -0,006995 | 0 | 5E-05 | 0 |
| 19 | REINTSUP | LinStatic | -5,425E-10 | 0 | -0,001439 | 0 | 1,5E-05 | 0 |
| 19 | BALLAST | LinStatic | -1,206E-09 | 0 | -0,003198 | 0 | 3,4E-05 | 0 |
| 19 | STERRASX | LinStatic | 0,04179 | 0 | -0,005352 | 0 | 0,008933 | 0 |
| 19 | STERRADX | LinStatic | -0,041791 | 0 | 0,00535 | 0 | -0,008959 | 0 |
| 19 | TERMP | LinStatic | 8,283E-08 | 0 | 8,026E-07 | 0 | 9,448E-06 | 0 |
| 19 | TERMN | LinStatic | -2,485E-07 | 0 | -2,408E-06 | 0 | -2,8E-05 | 0 |
| 19 | GRADTP | LinStatic | -2,799E-07 | 0 | -8,596E-07 | 0 | -1E-05 | 0 |
| 19 | GRADTN | LinStatic | 2,799E-07 | 0 | 8,596E-07 | 0 | 1E-05 | 0 |
| 19 | LM71C | LinStatic | -5,242E-09 | 0 | -0,013905 | 0 | 0,000147 | 0 |
| 19 | STLM71 | LinStatic | 0,049439 | 0 | -0,007536 | 0 | 0,012583 | 0 |
| 19 | AVVLM71 | LinStatic | 0,02298 | 0 | -0,007006 | 0 | 0,011709 | 0 |
| 19 | SW2 | LinStatic | -4,11E-09 | 0 | -0,010903 | 0 | 0,000115 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 19 | STSW2 | LinStatic | 0,038759 | 0 | -0,005908 | 0 | 0,009864 | 0 |
| 19 | FRENSW2 | LinStatic | 0,02438 | 0 | -0,007433 | 0 | 0,012422 | 0 |
| 19 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | INCRTER | LinStatic | 0,044099 | 0 | -0,006722 | 0 | 0,011224 | 0 |
| 19 | LM71SISO | LinStatic | 0,00864 | 0 | -0,002634 | 0 | 0,004402 | 0 |
| 19 | SW2SISO | LinStatic | 0,00676 | 0 | -0,002061 | 0 | 0,003444 | 0 |
| 19 | SISMAO | LinStatic | 0,0267 | 0 | -0,006701 | 0 | 0,0112 | 0 |
| 19 | LM71SVA | LinStatic | 1,56E-10 | 0 | 0,000414 | 0 | -4,368E-06 | 0 |
| 19 | SW2SVA | LinStatic | 1,228E-10 | 0 | 0,000326 | 0 | -3,439E-06 | 0 |
| 19 | SISMAVA | LinStatic | 2,086E-08 | 0 | 0,001471 | 0 | -1,5E-05 | 0 |
| 19 | LM71SVB | LinStatic | -1,56E-10 | 0 | -0,000414 | 0 | 4,368E-06 | 0 |
| 19 | SW2SVB | LinStatic | -1,228E-10 | 0 | -0,000326 | 0 | 3,439E-06 | 0 |
| 19 | SISMAVB | LinStatic | -2,086E-08 | 0 | -0,001471 | 0 | 1,5E-05 | 0 |
| 20 | PP | LinStatic | -1,615E-07 | 0 | -0,007001 | 0 | 5,5E-05 | 0 |
| 20 | REINTSUP | LinStatic | -6,329E-10 | 0 | -0,001441 | 0 | 1,7E-05 | 0 |
| 20 | BALLAST | LinStatic | -1,406E-09 | 0 | -0,003202 | 0 | 3,7E-05 | 0 |
| 20 | STERRASX | LinStatic | 0,04179 | 0 | -0,006245 | 0 | 0,008942 | 0 |
| 20 | STERRADX | LinStatic | -0,041791 | 0 | 0,006246 | 0 | -0,008973 | 0 |
| 20 | TERMP | LinStatic | 9,664E-08 | 0 | -2,209E-07 | 0 | 1,1E-05 | 0 |
| 20 | TERMN | LinStatic | -2,899E-07 | 0 | 6,626E-07 | 0 | -3,3E-05 | 0 |
| 20 | GRADTP | LinStatic | -3,265E-07 | 0 | 2,366E-07 | 0 | -1,2E-05 | 0 |
| 20 | GRADTN | LinStatic | 3,265E-07 | 0 | -2,366E-07 | 0 | 1,2E-05 | 0 |
| 20 | LM71C | LinStatic | -6,115E-09 | 0 | -0,013922 | 0 | 0,000162 | 0 |
| 20 | STLM71 | LinStatic | 0,049439 | 0 | -0,008795 | 0 | 0,012596 | 0 |
| 20 | AVVLM71 | LinStatic | 0,02298 | 0 | -0,008177 | 0 | 0,011721 | 0 |
| 20 | SW2 | LinStatic | -4,795E-09 | 0 | -0,010916 | 0 | 0,000127 | 0 |
| 20 | STSW2 | LinStatic | 0,038759 | 0 | -0,006895 | 0 | 0,009875 | 0 |
| 20 | FRENSW2 | LinStatic | 0,02438 | 0 | -0,008675 | 0 | 0,012436 | 0 |
| 20 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | INCRTER | LinStatic | 0,044099 | 0 | -0,007845 | 0 | 0,011235 | 0 |
| 20 | LM71SISO | LinStatic | 0,00864 | 0 | -0,003074 | 0 | 0,004407 | 0 |
| 20 | SW2SISO | LinStatic | 0,00676 | 0 | -0,002406 | 0 | 0,003448 | 0 |
| 20 | SISMAO | LinStatic | 0,0267 | 0 | -0,007821 | 0 | 0,011212 | 0 |
| 20 | LM71SVA | LinStatic | 1,82E-10 | 0 | 0,000414 | 0 | -4,817E-06 | 0 |
| 20 | SW2SVA | LinStatic | 1,433E-10 | 0 | 0,000326 | 0 | -3,793E-06 | 0 |
| 20 | SISMAVA | LinStatic | 2,433E-08 | 0 | 0,001473 | 0 | -1,6E-05 | 0 |
| 20 | LM71SVB | LinStatic | -1,82E-10 | 0 | -0,000414 | 0 | 4,817E-06 | 0 |
| 20 | SW2SVB | LinStatic | -1,433E-10 | 0 | -0,000326 | 0 | 3,793E-06 | 0 |
| 20 | SISMAVB | LinStatic | -2,433E-08 | 0 | -0,001473 | 0 | 1,6E-05 | 0 |
| 21 | PP | LinStatic | -1,846E-07 | 0 | -0,007007 | 0 | 5,9E-05 | 0 |
| 21 | REINTSUP | LinStatic | -7,233E-10 | 0 | -0,001443 | 0 | 1,8E-05 | 0 |
| 21 | BALLAST | LinStatic | -1,607E-09 | 0 | -0,003206 | 0 | 4E-05 | 0 |
| 21 | STERRASX | LinStatic | 0,04179 | 0 | -0,00714 | 0 | 0,008953 | 0 |
| 21 | STERRADX | LinStatic | -0,041792 | 0 | 0,007144 | 0 | -0,008988 | 0 |
| 21 | TERMP | LinStatic | 1,104E-07 | 0 | -1,402E-06 | 0 | 1,3E-05 | 0 |
| 21 | TERMN | LinStatic | -3,313E-07 | 0 | 4,206E-06 | 0 | -3,8E-05 | 0 |
| 21 | GRADTP | LinStatic | -3,732E-07 | 0 | 1,502E-06 | 0 | -1,3E-05 | 0 |
| 21 | GRADTN | LinStatic | 3,732E-07 | 0 | -1,502E-06 | 0 | 1,3E-05 | 0 |
| 21 | LM71C | LinStatic | -6,989E-09 | 0 | -0,01394 | 0 | 0,000173 | 0 |
| 21 | STLM71 | LinStatic | 0,049439 | 0 | -0,010055 | 0 | 0,012611 | 0 |
| 21 | AVVLM71 | LinStatic | 0,02298 | 0 | -0,00935 | 0 | 0,011735 | 0 |
| 21 | SW2 | LinStatic | -5,48E-09 | 0 | -0,01093 | 0 | 0,000135 | 0 |
| 21 | STSW2 | LinStatic | 0,038759 | 0 | -0,007883 | 0 | 0,009887 | 0 |
| 21 | FRENSW2 | LinStatic | 0,02438 | 0 | -0,00992 | 0 | 0,01245 | 0 |
| 21 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | INCRTER | LinStatic | 0,044099 | 0 | -0,008969 | 0 | 0,011249 | 0 |
| 21 | LM71SISO | LinStatic | 0,00864 | 0 | -0,003515 | 0 | 0,004412 | 0 |
| 21 | SW2SISO | LinStatic | 0,00676 | 0 | -0,00275 | 0 | 0,003452 | 0 |
| 21 | SISMAO | LinStatic | 0,0267 | 0 | -0,008943 | 0 | 0,011226 | 0 |
| 21 | LM71SVA | LinStatic | 2,079E-10 | 0 | 0,000415 | 0 | -5,138E-06 | 0 |
| 21 | SW2SVA | LinStatic | 1,637E-10 | 0 | 0,000327 | 0 | -4,046E-06 | 0 |
| 21 | SISMAVA | LinStatic | 2,781E-08 | 0 | 0,001475 | 0 | -1,7E-05 | 0 |
| 21 | LM71SVB | LinStatic | -2,079E-10 | 0 | -0,000415 | 0 | 5,138E-06 | 0 |
| 21 | SW2SVB | LinStatic | -1,637E-10 | 0 | -0,000327 | 0 | 4,046E-06 | 0 |
| 21 | SISMAVB | LinStatic | -2,781E-08 | 0 | -0,001475 | 0 | 1,7E-05 | 0 |
| 22 | PP | LinStatic | -2,077E-07 | 0 | -0,007014 | 0 | 6E-05 | 0 |
| 22 | REINTSUP | LinStatic | -8,137E-10 | 0 | -0,001445 | 0 | 1,8E-05 | 0 |
| 22 | BALLAST | LinStatic | -1,808E-09 | 0 | -0,00321 | 0 | 4,1E-05 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 22 | STERRASX | LinStatic | 0,04179 | 0 | -0,008036 | 0 | 0,008964 | 0 |
| 22 | STERRADX | LinStatic | -0,041792 | 0 | 0,008043 | 0 | -0,009003 | 0 |
| 22 | TERMP | LinStatic | 1,243E-07 | 0 | -2,741E-06 | 0 | 1,4E-05 | 0 |
| 22 | TERMN | LinStatic | -3,728E-07 | 0 | 8,223E-06 | 0 | -4,3E-05 | 0 |
| 22 | GRADTP | LinStatic | -4,198E-07 | 0 | 2,936E-06 | 0 | -1,5E-05 | 0 |
| 22 | GRADTN | LinStatic | 4,198E-07 | 0 | -2,936E-06 | 0 | 1,5E-05 | 0 |
| 22 | LM71C | LinStatic | -7,863E-09 | 0 | -0,013959 | 0 | 0,000179 | 0 |
| 22 | STLM71 | LinStatic | 0,049439 | 0 | -0,011316 | 0 | 0,012626 | 0 |
| 22 | AVVLM71 | LinStatic | 0,02298 | 0 | -0,010524 | 0 | 0,01175 | 0 |
| 22 | SW2 | LinStatic | -6,165E-09 | 0 | -0,010945 | 0 | 0,00014 | 0 |
| 22 | STSW2 | LinStatic | 0,038759 | 0 | -0,008872 | 0 | 0,009899 | 0 |
| 22 | FRENSW2 | LinStatic | 0,02438 | 0 | -0,011165 | 0 | 0,012466 | 0 |
| 22 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | INCRTER | LinStatic | 0,044099 | 0 | -0,010094 | 0 | 0,011263 | 0 |
| 22 | LM71SISO | LinStatic | 0,00864 | 0 | -0,003957 | 0 | 0,004418 | 0 |
| 22 | SW2SISO | LinStatic | 0,00676 | 0 | -0,003096 | 0 | 0,003456 | 0 |
| 22 | SISMAO | LinStatic | 0,0267 | 0 | -0,010066 | 0 | 0,01124 | 0 |
| 22 | LM71SVA | LinStatic | 2,339E-10 | 0 | 0,000415 | 0 | -5,313E-06 | 0 |
| 22 | SW2SVA | LinStatic | 1,842E-10 | 0 | 0,000327 | 0 | -4,183E-06 | 0 |
| 22 | SISMAVA | LinStatic | 3,128E-08 | 0 | 0,001477 | 0 | -1,8E-05 | 0 |
| 22 | LM71SVB | LinStatic | -2,339E-10 | 0 | -0,000415 | 0 | 5,313E-06 | 0 |
| 22 | SW2SVB | LinStatic | -1,842E-10 | 0 | -0,000327 | 0 | 4,183E-06 | 0 |
| 22 | SISMAVB | LinStatic | -3,128E-08 | 0 | -0,001477 | 0 | 1,8E-05 | 0 |
| 23 | PP | LinStatic | -2,308E-07 | 0 | -0,00702 | 0 | 5,9E-05 | 0 |
| 23 | REINTSUP | LinStatic | -9,041E-10 | 0 | -0,001447 | 0 | 1,9E-05 | 0 |
| 23 | BALLAST | LinStatic | -2,009E-09 | 0 | -0,003215 | 0 | 4,1E-05 | 0 |
| 23 | STERRASX | LinStatic | 0,04179 | 0 | -0,008932 | 0 | 0,008976 | 0 |
| 23 | STERRADX | LinStatic | -0,041792 | 0 | 0,008944 | 0 | -0,009019 | 0 |
| 23 | TERMP | LinStatic | 1,381E-07 | 0 | -4,238E-06 | 0 | 1,6E-05 | 0 |
| 23 | TERMN | LinStatic | -4,142E-07 | 0 | 1,3E-05 | 0 | -4,7E-05 | 0 |
| 23 | GRADTP | LinStatic | -4,664E-07 | 0 | 4,539E-06 | 0 | -1,7E-05 | 0 |
| 23 | GRADTN | LinStatic | 4,664E-07 | 0 | -4,539E-06 | 0 | 1,7E-05 | 0 |
| 23 | LM71C | LinStatic | -8,736E-09 | 0 | -0,013979 | 0 | 0,000179 | 0 |
| 23 | STLM71 | LinStatic | 0,049439 | 0 | -0,01258 | 0 | 0,012643 | 0 |
| 23 | AVVLM71 | LinStatic | 0,02298 | 0 | -0,0117 | 0 | 0,011765 | 0 |
| 23 | SW2 | LinStatic | -6,85E-09 | 0 | -0,010961 | 0 | 0,00014 | 0 |
| 23 | STSW2 | LinStatic | 0,038759 | 0 | -0,009862 | 0 | 0,009912 | 0 |
| 23 | FRENSW2 | LinStatic | 0,02438 | 0 | -0,012413 | 0 | 0,012481 | 0 |
| 23 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | INCRTER | LinStatic | 0,044099 | 0 | -0,011221 | 0 | 0,011277 | 0 |
| 23 | LM71SISO | LinStatic | 0,00864 | 0 | -0,004399 | 0 | 0,004423 | 0 |
| 23 | SW2SISO | LinStatic | 0,00676 | 0 | -0,003442 | 0 | 0,003461 | 0 |
| 23 | SISMAO | LinStatic | 0,0267 | 0 | -0,011191 | 0 | 0,011255 | 0 |
| 23 | LM71SVA | LinStatic | 2,599E-10 | 0 | 0,000416 | 0 | -5,322E-06 | 0 |
| 23 | SW2SVA | LinStatic | 2,047E-10 | 0 | 0,000328 | 0 | -4,19E-06 | 0 |
| 23 | SISMAVA | LinStatic | 3,476E-08 | 0 | 0,001479 | 0 | -1,8E-05 | 0 |
| 23 | LM71SVB | LinStatic | -2,599E-10 | 0 | -0,000416 | 0 | 5,322E-06 | 0 |
| 23 | SW2SVB | LinStatic | -2,047E-10 | 0 | -0,000328 | 0 | 4,19E-06 | 0 |
| 23 | SISMAVB | LinStatic | -3,476E-08 | 0 | -0,001479 | 0 | 1,8E-05 | 0 |
| 24 | PP | LinStatic | -2,51E-07 | 0 | -0,007026 | 0 | 5,7E-05 | 0 |
| 24 | REINTSUP | LinStatic | -9,832E-10 | 0 | -0,001448 | 0 | 1,8E-05 | 0 |
| 24 | BALLAST | LinStatic | -2,185E-09 | 0 | -0,003219 | 0 | 4E-05 | 0 |
| 24 | STERRASX | LinStatic | 0,04179 | 0 | -0,009718 | 0 | 0,008986 | 0 |
| 24 | STERRADX | LinStatic | -0,041793 | 0 | 0,009734 | 0 | -0,009033 | 0 |
| 24 | TERMP | LinStatic | 1,501E-07 | 0 | -5,677E-06 | 0 | 1,7E-05 | 0 |
| 24 | TERMN | LinStatic | -4,504E-07 | 0 | 1,7E-05 | 0 | -5,1E-05 | 0 |
| 24 | GRADTP | LinStatic | -5,073E-07 | 0 | 6,081E-06 | 0 | -1,8E-05 | 0 |
| 24 | GRADTN | LinStatic | 5,073E-07 | 0 | -6,081E-06 | 0 | 1,8E-05 | 0 |
| 24 | LM71C | LinStatic | -9,501E-09 | 0 | -0,013996 | 0 | 0,000174 | 0 |
| 24 | STLM71 | LinStatic | 0,049439 | 0 | -0,013687 | 0 | 0,012657 | 0 |
| 24 | AVVLM71 | LinStatic | 0,02298 | 0 | -0,01273 | 0 | 0,011777 | 0 |
| 24 | SW2 | LinStatic | -7,449E-09 | 0 | -0,010974 | 0 | 0,000136 | 0 |
| 24 | STSW2 | LinStatic | 0,03876 | 0 | -0,01073 | 0 | 0,009923 | 0 |
| 24 | FRENSW2 | LinStatic | 0,02438 | 0 | -0,013505 | 0 | 0,012495 | 0 |
| 24 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | INCRTER | LinStatic | 0,044099 | 0 | -0,012208 | 0 | 0,01129 | 0 |
| 24 | LM71SISO | LinStatic | 0,00864 | 0 | -0,004786 | 0 | 0,004428 | 0 |
| 24 | SW2SISO | LinStatic | 0,00676 | 0 | -0,003745 | 0 | 0,003465 | 0 |

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| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 24 | SISMAO | LinStatic | 0,0267 | 0 | -0,012176 | 0 | 0,011268 | 0 |
| 24 | LM71SVA | LinStatic | 2,827E-10 | 0 | 0,000416 | 0 | -5,179E-06 | 0 |
| 24 | SW2SVA | LinStatic | 2,226E-10 | 0 | 0,000328 | 0 | -4,079E-06 | 0 |
| 24 | SISMAVA | LinStatic | 3,78E-08 | 0 | 0,00148 | 0 | -1,7E-05 | 0 |
| 24 | LM71SVB | LinStatic | -2,827E-10 | 0 | -0,000416 | 0 | 5,179E-06 | 0 |
| 24 | SW2SVB | LinStatic | -2,226E-10 | 0 | -0,000328 | 0 | 4,079E-06 | 0 |
| 24 | SISMAVB | LinStatic | -3,78E-08 | 0 | -0,00148 | 0 | 1,7E-05 | 0 |
| 25 | PP | LinStatic | -2,711E-07 | 0 | -0,007031 | 0 | 5,2E-05 | 0 |
| 25 | REINTSUP | LinStatic | -1,062E-09 | 0 | -0,00145 | 0 | 1,7E-05 | 0 |
| 25 | BALLAST | LinStatic | -2,361E-09 | 0 | -0,003223 | 0 | 3,8E-05 | 0 |
| 25 | STERRASX | LinStatic | 0,04179 | 0 | -0,010505 | 0 | 0,008996 | 0 |
| 25 | STERRADX | LinStatic | -0,041793 | 0 | 0,010525 | 0 | -0,009047 | 0 |
| 25 | TERMP | LinStatic | 1,622E-07 | 0 | -7,237E-06 | 0 | 1,9E-05 | 0 |
| 25 | TERMN | LinStatic | -4,867E-07 | 0 | 2,2E-05 | 0 | -5,6E-05 | 0 |
| 25 | GRADTP | LinStatic | -5,481E-07 | 0 | 7,752E-06 | 0 | -2E-05 | 0 |
| 25 | GRADTN | LinStatic | 5,481E-07 | 0 | -7,752E-06 | 0 | 2E-05 | 0 |
| 25 | LM71C | LinStatic | -1,027E-08 | 0 | -0,014013 | 0 | 0,000164 | 0 |
| 25 | STLM71 | LinStatic | 0,049439 | 0 | -0,014795 | 0 | 0,012671 | 0 |
| 25 | AVVLM71 | LinStatic | 0,02298 | 0 | -0,013761 | 0 | 0,011789 | 0 |
| 25 | SW2 | LinStatic | -8,049E-09 | 0 | -0,010987 | 0 | 0,000129 | 0 |
| 25 | STSW2 | LinStatic | 0,03876 | 0 | -0,011599 | 0 | 0,009934 | 0 |
| 25 | FRENSW2 | LinStatic | 0,024381 | 0 | -0,014599 | 0 | 0,012508 | 0 |
| 25 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | INCRTER | LinStatic | 0,0441 | 0 | -0,013197 | 0 | 0,011303 | 0 |
| 25 | LM71SISO | LinStatic | 0,00864 | 0 | -0,005174 | 0 | 0,004433 | 0 |
| 25 | SW2SISO | LinStatic | 0,00676 | 0 | -0,004048 | 0 | 0,003468 | 0 |
| 25 | SISMAO | LinStatic | 0,026701 | 0 | -0,013163 | 0 | 0,01128 | 0 |
| 25 | LM71SVA | LinStatic | 3,054E-10 | 0 | 0,000417 | 0 | -4,884E-06 | 0 |
| 25 | SW2SVA | LinStatic | 2,405E-10 | 0 | 0,000328 | 0 | -3,846E-06 | 0 |
| 25 | SISMAVA | LinStatic | 4,084E-08 | 0 | 0,001482 | 0 | -1,6E-05 | 0 |
| 25 | LM71SVB | LinStatic | -3,054E-10 | 0 | -0,000417 | 0 | 4,884E-06 | 0 |
| 25 | SW2SVB | LinStatic | -2,405E-10 | 0 | -0,000328 | 0 | 3,846E-06 | 0 |
| 25 | SISMAVB | LinStatic | -4,084E-08 | 0 | -0,001482 | 0 | 1,6E-05 | 0 |
| 26 | PP | LinStatic | -4,01E-06 | 0 | -0,007032 | 0 | -4,7E-05 | 0 |
| 26 | REINTSUP | LinStatic | -1,43E-06 | 0 | -0,00145 | 0 | -1,6E-05 | 0 |
| 26 | BALLAST | LinStatic | -3,177E-06 | 0 | -0,003223 | 0 | -3,5E-05 | 0 |
| 26 | STERRASX | LinStatic | 0,042586 | 0 | 0,010525 | 0 | 0,009059 | 0 |
| 26 | STERRADX | LinStatic | -0,042578 | 0 | -0,010505 | 0 | -0,009005 | 0 |
| 26 | TERMP | LinStatic | -1,874E-06 | 0 | -7,237E-06 | 0 | -2E-05 | 0 |
| 26 | TERMN | LinStatic | 5,623E-06 | 0 | 2,2E-05 | 0 | 5,9E-05 | 0 |
| 26 | GRADTP | LinStatic | 2,457E-06 | 0 | 7,752E-06 | 0 | 2,1E-05 | 0 |
| 26 | GRADTN | LinStatic | -2,457E-06 | 0 | -7,752E-06 | 0 | -2,1E-05 | 0 |
| 26 | LM71C | LinStatic | -1,4E-05 | 0 | -0,014013 | 0 | -0,000152 | 0 |
| 26 | STLM71 | LinStatic | 0,050558 | 0 | 0,014818 | 0 | 0,012746 | 0 |
| 26 | AVVLM71 | LinStatic | 0,024013 | 0 | 0,013761 | 0 | 0,0118 | 0 |
| 26 | SW2 | LinStatic | -1,1E-05 | 0 | -0,010988 | 0 | -0,000119 | 0 |
| 26 | STSW2 | LinStatic | 0,039637 | 0 | 0,011617 | 0 | 0,009992 | 0 |
| 26 | FRENSW2 | LinStatic | 0,025476 | 0 | 0,0146 | 0 | 0,012519 | 0 |
| 26 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | INCRTER | LinStatic | 0,045097 | 0 | 0,013217 | 0 | 0,011369 | 0 |
| 26 | LM71SISO | LinStatic | 0,009028 | 0 | 0,005174 | 0 | 0,004437 | 0 |
| 26 | SW2SISO | LinStatic | 0,007064 | 0 | 0,004048 | 0 | 0,003471 | 0 |
| 26 | SISMAO | LinStatic | 0,027688 | 0 | 0,013163 | 0 | 0,011291 | 0 |
| 26 | LM71SVA | LinStatic | 4,11E-07 | 0 | 0,000417 | 0 | 4,519E-06 | 0 |
| 26 | SW2SVA | LinStatic | 3,236E-07 | 0 | 0,000328 | 0 | 3,558E-06 | 0 |
| 26 | SISMAVA | LinStatic | 1,283E-06 | 0 | 0,001482 | 0 | 1,5E-05 | 0 |
| 26 | LM71SVB | LinStatic | -4,11E-07 | 0 | -0,000417 | 0 | -4,519E-06 | 0 |
| 26 | SW2SVB | LinStatic | -3,236E-07 | 0 | -0,000328 | 0 | -3,558E-06 | 0 |
| 26 | SISMAVB | LinStatic | -1,283E-06 | 0 | -0,001482 | 0 | -1,5E-05 | 0 |
| 27 | PP | LinStatic | 4,01E-06 | 0 | -0,007032 | 0 | 4,7E-05 | 0 |
| 27 | REINTSUP | LinStatic | 1,43E-06 | 0 | -0,00145 | 0 | 1,6E-05 | 0 |
| 27 | BALLAST | LinStatic | 3,177E-06 | 0 | -0,003223 | 0 | 3,5E-05 | 0 |
| 27 | STERRASX | LinStatic | 0,042578 | 0 | -0,010505 | 0 | 0,009005 | 0 |
| 27 | STERRADX | LinStatic | -0,042586 | 0 | 0,010525 | 0 | -0,009059 | 0 |
| 27 | TERMP | LinStatic | 1,874E-06 | 0 | -7,237E-06 | 0 | 2E-05 | 0 |
| 27 | TERMN | LinStatic | -5,623E-06 | 0 | 2,2E-05 | 0 | -5,9E-05 | 0 |
| 27 | GRADTP | LinStatic | -2,457E-06 | 0 | 7,752E-06 | 0 | -2,1E-05 | 0 |
| 27 | GRADTN | LinStatic | 2,457E-06 | 0 | -7,752E-06 | 0 | 2,1E-05 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 27 | LM71C | LinStatic | 1,4E-05 | 0 | -0,014013 | 0 | 0,000152 | 0 |
| 27 | STLM71 | LinStatic | 0,050549 | 0 | -0,014795 | 0 | 0,012684 | 0 |
| 27 | AVVLM71 | LinStatic | 0,024013 | 0 | -0,013761 | 0 | 0,0118 | 0 |
| 27 | SW2 | LinStatic | 1,1E-05 | 0 | -0,010988 | 0 | 0,000119 | 0 |
| 27 | STSW2 | LinStatic | 0,03963 | 0 | -0,011599 | 0 | 0,009944 | 0 |
| 27 | FRENSW2 | LinStatic | 0,025476 | 0 | -0,0146 | 0 | 0,012519 | 0 |
| 27 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | INCRTER | LinStatic | 0,045089 | 0 | -0,013197 | 0 | 0,011314 | 0 |
| 27 | LM71SISO | LinStatic | 0,009028 | 0 | -0,005174 | 0 | 0,004437 | 0 |
| 27 | SW2SISO | LinStatic | 0,007064 | 0 | -0,004048 | 0 | 0,003471 | 0 |
| 27 | SISMAO | LinStatic | 0,027688 | 0 | -0,013163 | 0 | 0,011291 | 0 |
| 27 | LM71SVA | LinStatic | -4,11E-07 | 0 | 0,000417 | 0 | -4,519E-06 | 0 |
| 27 | SW2SVA | LinStatic | -3,236E-07 | 0 | 0,000328 | 0 | -3,558E-06 | 0 |
| 27 | SISMAVA | LinStatic | -1,283E-06 | 0 | 0,001482 | 0 | -1,5E-05 | 0 |
| 27 | LM71SVB | LinStatic | 4,11E-07 | 0 | -0,000417 | 0 | 4,519E-06 | 0 |
| 27 | SW2SVB | LinStatic | 3,236E-07 | 0 | -0,000328 | 0 | 3,558E-06 | 0 |
| 27 | SISMAVB | LinStatic | 1,283E-06 | 0 | -0,001482 | 0 | 1,5E-05 | 0 |
| 28 | PP | LinStatic | -7,838E-06 | 0 | -0,007032 | 0 | -4,2E-05 | 0 |
| 28 | REINTSUP | LinStatic | -2,749E-06 | 0 | -0,00145 | 0 | -1,4E-05 | 0 |
| 28 | BALLAST | LinStatic | -6,109E-06 | 0 | -0,003223 | 0 | -3,2E-05 | 0 |
| 28 | STERRASX | LinStatic | 0,04338 | 0 | 0,010525 | 0 | 0,009069 | 0 |
| 28 | STERRADX | LinStatic | -0,043366 | 0 | -0,010505 | 0 | -0,009014 | 0 |
| 28 | TERMP | LinStatic | -3,695E-06 | 0 | -7,237E-06 | 0 | -2,1E-05 | 0 |
| 28 | TERMN | LinStatic | 1,1E-05 | 0 | 2,2E-05 | 0 | 6,3E-05 | 0 |
| 28 | GRADTP | LinStatic | 4,462E-06 | 0 | 7,752E-06 | 0 | 2,2E-05 | 0 |
| 28 | GRADTN | LinStatic | -4,462E-06 | 0 | -7,752E-06 | 0 | -2,2E-05 | 0 |
| 28 | LM71C | LinStatic | -2,7E-05 | 0 | -0,014014 | 0 | -0,00014 | 0 |
| 28 | STLM71 | LinStatic | 0,051675 | 0 | 0,014818 | 0 | 0,012759 | 0 |
| 28 | AVVLM71 | LinStatic | 0,025046 | 0 | 0,013761 | 0 | 0,011811 | 0 |
| 28 | SW2 | LinStatic | -2,1E-05 | 0 | -0,010988 | 0 | -0,000109 | 0 |
| 28 | STSW2 | LinStatic | 0,040512 | 0 | 0,011617 | 0 | 0,010003 | 0 |
| 28 | FRENSW2 | LinStatic | 0,026572 | 0 | 0,0146 | 0 | 0,01253 | 0 |
| 28 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 28 | INCRTER | LinStatic | 0,046093 | 0 | 0,013218 | 0 | 0,011381 | 0 |
| 28 | LM71SISO | LinStatic | 0,009417 | 0 | 0,005174 | 0 | 0,004441 | 0 |
| 28 | SW2SISO | LinStatic | 0,007368 | 0 | 0,004048 | 0 | 0,003474 | 0 |
| 28 | SISMAO | LinStatic | 0,028677 | 0 | 0,013163 | 0 | 0,011301 | 0 |
| 28 | LM71SVA | LinStatic | 7,904E-07 | 0 | 0,000417 | 0 | 4,154E-06 | 0 |
| 28 | SW2SVA | LinStatic | 6,224E-07 | 0 | 0,000328 | 0 | 3,271E-06 | 0 |
| 28 | SISMAVA | LinStatic | 2,487E-06 | 0 | 0,001482 | 0 | 1,3E-05 | 0 |
| 28 | LM71SVB | LinStatic | -7,904E-07 | 0 | -0,000417 | 0 | -4,154E-06 | 0 |
| 28 | SW2SVB | LinStatic | -6,224E-07 | 0 | -0,000328 | 0 | -3,271E-06 | 0 |
| 28 | SISMAVB | LinStatic | -2,487E-06 | 0 | -0,001482 | 0 | -1,3E-05 | 0 |
| 29 | PP | LinStatic | 7,838E-06 | 0 | -0,007032 | 0 | 4,2E-05 | 0 |
| 29 | REINTSUP | LinStatic | 2,749E-06 | 0 | -0,00145 | 0 | 1,4E-05 | 0 |
| 29 | BALLAST | LinStatic | 6,109E-06 | 0 | -0,003223 | 0 | 3,2E-05 | 0 |
| 29 | STERRASX | LinStatic | 0,043366 | 0 | -0,010505 | 0 | 0,009014 | 0 |
| 29 | STERRADX | LinStatic | -0,04338 | 0 | 0,010525 | 0 | -0,009069 | 0 |
| 29 | TERMP | LinStatic | 3,695E-06 | 0 | -7,237E-06 | 0 | 2,1E-05 | 0 |
| 29 | TERMN | LinStatic | -1,1E-05 | 0 | 2,2E-05 | 0 | -6,3E-05 | 0 |
| 29 | GRADTP | LinStatic | -4,462E-06 | 0 | 7,752E-06 | 0 | -2,2E-05 | 0 |
| 29 | GRADTN | LinStatic | 4,462E-06 | 0 | -7,752E-06 | 0 | 2,2E-05 | 0 |
| 29 | LM71C | LinStatic | 2,7E-05 | 0 | -0,014014 | 0 | 0,00014 | 0 |
| 29 | STLM71 | LinStatic | 0,05166 | 0 | -0,014795 | 0 | 0,012696 | 0 |
| 29 | AVVLM71 | LinStatic | 0,025046 | 0 | -0,013761 | 0 | 0,011811 | 0 |
| 29 | SW2 | LinStatic | 2,1E-05 | 0 | -0,010988 | 0 | 0,000109 | 0 |
| 29 | STSW2 | LinStatic | 0,0405 | 0 | -0,011599 | 0 | 0,009953 | 0 |
| 29 | FRENSW2 | LinStatic | 0,026572 | 0 | -0,0146 | 0 | 0,01253 | 0 |
| 29 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 29 | INCRTER | LinStatic | 0,04608 | 0 | -0,013197 | 0 | 0,011325 | 0 |
| 29 | LM71SISO | LinStatic | 0,009417 | 0 | -0,005174 | 0 | 0,004441 | 0 |
| 29 | SW2SISO | LinStatic | 0,007368 | 0 | -0,004048 | 0 | 0,003474 | 0 |
| 29 | SISMAO | LinStatic | 0,028677 | 0 | -0,013163 | 0 | 0,011301 | 0 |
| 29 | LM71SVA | LinStatic | -7,904E-07 | 0 | 0,000417 | 0 | -4,154E-06 | 0 |
| 29 | SW2SVA | LinStatic | -6,224E-07 | 0 | 0,000328 | 0 | -3,271E-06 | 0 |
| 29 | SISMAVA | LinStatic | -2,487E-06 | 0 | 0,001482 | 0 | -1,3E-05 | 0 |
| 29 | LM71SVB | LinStatic | 7,904E-07 | 0 | -0,000417 | 0 | 4,154E-06 | 0 |
| 29 | SW2SVB | LinStatic | 6,224E-07 | 0 | -0,000328 | 0 | 3,271E-06 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 29 | SISMAVB | LinStatic | 2,487E-06 | 0 | -0,001482 | 0 | 1,3E-05 | 0 |
| 30 | PP | LinStatic | -2,2E-05 | 0 | -0,007033 | 0 | -1,6E-05 | 0 |
| 30 | REINTSUP | LinStatic | -8,16E-06 | 0 | -0,001451 | 0 | -7,205E-06 | 0 |
| 30 | BALLAST | LinStatic | -1,8E-05 | 0 | -0,003224 | 0 | -1,6E-05 | 0 |
| 30 | STERRASX | LinStatic | 0,047924 | 0 | 0,010526 | 0 | 0,009086 | 0 |
| 30 | STERRADX | LinStatic | -0,047884 | 0 | -0,010506 | 0 | -0,009049 | 0 |
| 30 | TERMP | LinStatic | -1,6E-05 | 0 | -7,237E-06 | 0 | -2,6E-05 | 0 |
| 30 | TERMN | LinStatic | 4,7E-05 | 0 | 2,2E-05 | 0 | 7,8E-05 | 0 |
| 30 | GRADTP | LinStatic | 1,6E-05 | 0 | 7,752E-06 | 0 | 2,1E-05 | 0 |
| 30 | GRADTN | LinStatic | -1,6E-05 | 0 | -7,752E-06 | 0 | -2,1E-05 | 0 |
| 30 | LM71C | LinStatic | -7,9E-05 | 0 | -0,014018 | 0 | -7E-05 | 0 |
| 30 | STLM71 | LinStatic | 0,058069 | 0 | 0,014819 | 0 | 0,01279 | 0 |
| 30 | AVVLM71 | LinStatic | 0,030964 | 0 | 0,013762 | 0 | 0,011851 | 0 |
| 30 | SW2 | LinStatic | -6,2E-05 | 0 | -0,010991 | 0 | -5,5E-05 | 0 |
| 30 | STSW2 | LinStatic | 0,045525 | 0 | 0,011617 | 0 | 0,010027 | 0 |
| 30 | FRENSW2 | LinStatic | 0,032851 | 0 | 0,0146 | 0 | 0,012573 | 0 |
| 30 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 30 | INCRTER | LinStatic | 0,051797 | 0 | 0,013218 | 0 | 0,011409 | 0 |
| 30 | LM71SISO | LinStatic | 0,011642 | 0 | 0,005174 | 0 | 0,004456 | 0 |
| 30 | SW2SISO | LinStatic | 0,009109 | 0 | 0,004048 | 0 | 0,003486 | 0 |
| 30 | SISMAO | LinStatic | 0,03434 | 0 | 0,013164 | 0 | 0,011339 | 0 |
| 30 | LM71SVA | LinStatic | 2,346E-06 | 0 | 0,000417 | 0 | 2,071E-06 | 0 |
| 30 | SW2SVA | LinStatic | 1,847E-06 | 0 | 0,000328 | 0 | 1,631E-06 | 0 |
| 30 | SISMAVA | LinStatic | 7,16E-06 | 0 | 0,001482 | 0 | 5,855E-06 | 0 |
| 30 | LM71SVB | LinStatic | -2,346E-06 | 0 | -0,000417 | 0 | -2,071E-06 | 0 |
| 30 | SW2SVB | LinStatic | -1,847E-06 | 0 | -0,000328 | 0 | -1,631E-06 | 0 |
| 30 | SISMAVB | LinStatic | -7,16E-06 | 0 | -0,001482 | 0 | -5,855E-06 | 0 |
| 31 | PP | LinStatic | 2,2E-05 | 0 | -0,007033 | 0 | 1,6E-05 | 0 |
| 31 | REINTSUP | LinStatic | 8,16E-06 | 0 | -0,001451 | 0 | 7,205E-06 | 0 |
| 31 | BALLAST | LinStatic | 1,8E-05 | 0 | -0,003224 | 0 | 1,6E-05 | 0 |
| 31 | STERRASX | LinStatic | 0,047884 | 0 | -0,010506 | 0 | 0,009049 | 0 |
| 31 | STERRADX | LinStatic | -0,047924 | 0 | 0,010526 | 0 | -0,009086 | 0 |
| 31 | TERMP | LinStatic | 1,6E-05 | 0 | -7,237E-06 | 0 | 2,6E-05 | 0 |
| 31 | TERMN | LinStatic | -4,7E-05 | 0 | 2,2E-05 | 0 | -7,8E-05 | 0 |
| 31 | GRADTP | LinStatic | -1,6E-05 | 0 | 7,752E-06 | 0 | -2,1E-05 | 0 |
| 31 | GRADTN | LinStatic | 1,6E-05 | 0 | -7,752E-06 | 0 | 2,1E-05 | 0 |
| 31 | LM71C | LinStatic | 7,9E-05 | 0 | -0,014018 | 0 | 7E-05 | 0 |
| 31 | STLM71 | LinStatic | 0,058023 | 0 | -0,014796 | 0 | 0,012745 | 0 |
| 31 | AVVLM71 | LinStatic | 0,030964 | 0 | -0,013762 | 0 | 0,011851 | 0 |
| 31 | SW2 | LinStatic | 6,2E-05 | 0 | -0,010991 | 0 | 5,5E-05 | 0 |
| 31 | STSW2 | LinStatic | 0,045489 | 0 | -0,0116 | 0 | 0,009992 | 0 |
| 31 | FRENSW2 | LinStatic | 0,032851 | 0 | -0,0146 | 0 | 0,012573 | 0 |
| 31 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 31 | INCRTER | LinStatic | 0,051756 | 0 | -0,013198 | 0 | 0,011369 | 0 |
| 31 | LM71SISO | LinStatic | 0,011642 | 0 | -0,005174 | 0 | 0,004456 | 0 |
| 31 | SW2SISO | LinStatic | 0,009109 | 0 | -0,004048 | 0 | 0,003486 | 0 |
| 31 | SISMAO | LinStatic | 0,03434 | 0 | -0,013164 | 0 | 0,011339 | 0 |
| 31 | LM71SVA | LinStatic | -2,346E-06 | 0 | 0,000417 | 0 | -2,071E-06 | 0 |
| 31 | SW2SVA | LinStatic | -1,847E-06 | 0 | 0,000328 | 0 | -1,631E-06 | 0 |
| 31 | SISMAVA | LinStatic | -7,16E-06 | 0 | 0,001482 | 0 | -5,855E-06 | 0 |
| 31 | LM71SVB | LinStatic | 2,346E-06 | 0 | -0,000417 | 0 | 2,071E-06 | 0 |
| 31 | SW2SVB | LinStatic | 1,847E-06 | 0 | -0,000328 | 0 | 1,631E-06 | 0 |
| 31 | SISMAVB | LinStatic | 7,16E-06 | 0 | -0,001482 | 0 | 5,855E-06 | 0 |
| 32 | PP | LinStatic | -2,4E-05 | 0 | -0,007034 | 0 | 4,192E-06 | 0 |
| 32 | REINTSUP | LinStatic | -9,955E-06 | 0 | -0,001451 | 0 | 1,643E-08 | 0 |
| 32 | BALLAST | LinStatic | -2,2E-05 | 0 | -0,003225 | 0 | 3,65E-08 | 0 |
| 32 | STERRASX | LinStatic | 0,052464 | 0 | 0,010526 | 0 | 0,00906 | 0 |
| 32 | STERRADX | LinStatic | -0,052414 | 0 | -0,010506 | 0 | -0,009063 | 0 |
| 32 | TERMP | LinStatic | -2,9E-05 | 0 | -7,237E-06 | 0 | -2,8E-05 | 0 |
| 32 | TERMN | LinStatic | 8,8E-05 | 0 | 2,2E-05 | 0 | 8,3E-05 | 0 |
| 32 | GRADTP | LinStatic | 2,5E-05 | 0 | 7,752E-06 | 0 | 8,474E-06 | 0 |
| 32 | GRADTN | LinStatic | -2,5E-05 | 0 | -7,752E-06 | 0 | -8,474E-06 | 0 |
| 32 | LM71C | LinStatic | -9,6E-05 | 0 | -0,014021 | 0 | 1,587E-07 | 0 |
| 32 | STLM71 | LinStatic | 0,064462 | 0 | 0,014819 | 0 | 0,012763 | 0 |
| 32 | AVVLM71 | LinStatic | 0,036896 | 0 | 0,013763 | 0 | 0,011862 | 0 |
| 32 | SW2 | LinStatic | -7,5E-05 | 0 | -0,010994 | 0 | 1,245E-07 | 0 |
| 32 | STSW2 | LinStatic | 0,050537 | 0 | 0,011618 | 0 | 0,010006 | 0 |
| 32 | FRENSW2 | LinStatic | 0,039144 | 0 | 0,014601 | 0 | 0,012585 | 0 |

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| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 32 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 32 | INCRTER | LinStatic | 0,0575 | 0 | 0,013218 | 0 | 0,011385 | 0 |
| 32 | LM71SISO | LinStatic | 0,013872 | 0 | 0,005174 | 0 | 0,00446 | 0 |
| 32 | SW2SISO | LinStatic | 0,010854 | 0 | 0,004049 | 0 | 0,00349 | 0 |
| 32 | SISMAO | LinStatic | 0,040015 | 0 | 0,013164 | 0 | 0,011347 | 0 |
| 32 | LM71SVA | LinStatic | 2,862E-06 | 0 | 0,000417 | 0 | -4,722E-09 | 0 |
| 32 | SW2SVA | LinStatic | 2,254E-06 | 0 | 0,000329 | 0 | -3,719E-09 | 0 |
| 32 | SISMAVA | LinStatic | 8,382E-06 | 0 | 0,001483 | 0 | -6,315E-07 | 0 |
| 32 | LM71SVB | LinStatic | -2,862E-06 | 0 | -0,000417 | 0 | 4,722E-09 | 0 |
| 32 | SW2SVB | LinStatic | -2,254E-06 | 0 | -0,000329 | 0 | 3,719E-09 | 0 |
| 32 | SISMAVB | LinStatic | -8,382E-06 | 0 | -0,001483 | 0 | 6,315E-07 | 0 |
| 33 | PP | LinStatic | 2,4E-05 | 0 | -0,007034 | 0 | -4,192E-06 | 0 |
| 33 | REINTSUP | LinStatic | 9,955E-06 | 0 | -0,001451 | 0 | -1,643E-08 | 0 |
| 33 | BALLAST | LinStatic | 2,2E-05 | 0 | -0,003225 | 0 | -3,65E-08 | 0 |
| 33 | STERRASX | LinStatic | 0,052414 | 0 | -0,010506 | 0 | 0,009063 | 0 |
| 33 | STERRADX | LinStatic | -0,052464 | 0 | 0,010526 | 0 | -0,00906 | 0 |
| 33 | TERMP | LinStatic | 2,9E-05 | 0 | -7,237E-06 | 0 | 2,8E-05 | 0 |
| 33 | TERMN | LinStatic | -8,8E-05 | 0 | 2,2E-05 | 0 | -8,3E-05 | 0 |
| 33 | GRADTP | LinStatic | -2,5E-05 | 0 | 7,752E-06 | 0 | -8,474E-06 | 0 |
| 33 | GRADTN | LinStatic | 2,5E-05 | 0 | -7,752E-06 | 0 | 8,474E-06 | 0 |
| 33 | LM71C | LinStatic | 9,6E-05 | 0 | -0,014021 | 0 | -1,587E-07 | 0 |
| 33 | STLM71 | LinStatic | 0,064404 | 0 | -0,014796 | 0 | 0,012763 | 0 |
| 33 | AVVLM71 | LinStatic | 0,036896 | 0 | -0,013763 | 0 | 0,011862 | 0 |
| 33 | SW2 | LinStatic | 7,5E-05 | 0 | -0,010994 | 0 | -1,245E-07 | 0 |
| 33 | STSW2 | LinStatic | 0,050491 | 0 | -0,0116 | 0 | 0,010006 | 0 |
| 33 | FRENSW2 | LinStatic | 0,039144 | 0 | -0,014601 | 0 | 0,012585 | 0 |
| 33 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 33 | INCRTER | LinStatic | 0,057447 | 0 | -0,013198 | 0 | 0,011385 | 0 |
| 33 | LM71SISO | LinStatic | 0,013872 | 0 | -0,005174 | 0 | 0,00446 | 0 |
| 33 | SW2SISO | LinStatic | 0,010854 | 0 | -0,004049 | 0 | 0,00349 | 0 |
| 33 | SISMAO | LinStatic | 0,040015 | 0 | -0,013164 | 0 | 0,011347 | 0 |
| 33 | LM71SVA | LinStatic | -2,862E-06 | 0 | 0,000417 | 0 | 4,723E-09 | 0 |
| 33 | SW2SVA | LinStatic | -2,254E-06 | 0 | 0,000329 | 0 | 3,719E-09 | 0 |
| 33 | SISMAVA | LinStatic | -8,382E-06 | 0 | 0,001483 | 0 | 6,315E-07 | 0 |
| 33 | LM71SVB | LinStatic | 2,862E-06 | 0 | -0,000417 | 0 | -4,723E-09 | 0 |
| 33 | SW2SVB | LinStatic | 2,254E-06 | 0 | -0,000329 | 0 | -3,719E-09 | 0 |
| 33 | SISMAVB | LinStatic | 8,382E-06 | 0 | -0,001483 | 0 | -6,315E-07 | 0 |
| 34 | PP | LinStatic | -1,8E-05 | 0 | -0,007035 | 0 | 1,9E-05 | 0 |
| 34 | REINTSUP | LinStatic | -8,145E-06 | 0 | -0,001451 | 0 | 7,216E-06 | 0 |
| 34 | BALLAST | LinStatic | -1,8E-05 | 0 | -0,003225 | 0 | 1,6E-05 | 0 |
| 34 | STERRASX | LinStatic | 0,056983 | 0 | 0,010526 | 0 | 0,009015 | 0 |
| 34 | STERRADX | LinStatic | -0,056946 | 0 | -0,010506 | 0 | -0,009054 | 0 |
| 34 | TERMP | LinStatic | -4,3E-05 | 0 | -7,237E-06 | 0 | -2,6E-05 | 0 |
| 34 | TERMN | LinStatic | 0,000129 | 0 | 2,2E-05 | 0 | 7,7E-05 | 0 |
| 34 | GRADTP | LinStatic | 2,4E-05 | 0 | 7,752E-06 | 0 | -1,5E-05 | 0 |
| 34 | GRADTN | LinStatic | -2,4E-05 | 0 | -7,752E-06 | 0 | 1,5E-05 | 0 |
| 34 | LM71C | LinStatic | -7,9E-05 | 0 | -0,014025 | 0 | 7E-05 | 0 |
| 34 | STLM71 | LinStatic | 0,070831 | 0 | 0,01482 | 0 | 0,012705 | 0 |
| 34 | AVVLM71 | LinStatic | 0,042826 | 0 | 0,013763 | 0 | 0,011845 | 0 |
| 34 | SW2 | LinStatic | -6,2E-05 | 0 | -0,010997 | 0 | 5,5E-05 | 0 |
| 34 | STSW2 | LinStatic | 0,05553 | 0 | 0,011618 | 0 | 0,00996 | 0 |
| 34 | FRENSW2 | LinStatic | 0,045435 | 0 | 0,014602 | 0 | 0,012566 | 0 |
| 34 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 34 | INCRTER | LinStatic | 0,063181 | 0 | 0,013219 | 0 | 0,011333 | 0 |
| 34 | LM71SISO | LinStatic | 0,016102 | 0 | 0,005175 | 0 | 0,004453 | 0 |
| 34 | SW2SISO | LinStatic | 0,012598 | 0 | 0,004049 | 0 | 0,003484 | 0 |
| 34 | SISMAO | LinStatic | 0,045686 | 0 | 0,013165 | 0 | 0,011327 | 0 |
| 34 | LM71SVA | LinStatic | 2,342E-06 | 0 | 0,000417 | 0 | -2,075E-06 | 0 |
| 34 | SW2SVA | LinStatic | 1,844E-06 | 0 | 0,000329 | 0 | -1,634E-06 | 0 |
| 34 | SISMAVA | LinStatic | 6,569E-06 | 0 | 0,001483 | 0 | -6,288E-06 | 0 |
| 34 | LM71SVB | LinStatic | -2,342E-06 | 0 | -0,000417 | 0 | 2,075E-06 | 0 |
| 34 | SW2SVB | LinStatic | -1,844E-06 | 0 | -0,000329 | 0 | 1,634E-06 | 0 |
| 34 | SISMAVB | LinStatic | -6,569E-06 | 0 | -0,001483 | 0 | 6,288E-06 | 0 |
| 35 | PP | LinStatic | 1,8E-05 | 0 | -0,007035 | 0 | -1,9E-05 | 0 |
| 35 | REINTSUP | LinStatic | 8,145E-06 | 0 | -0,001451 | 0 | -7,216E-06 | 0 |
| 35 | BALLAST | LinStatic | 1,8E-05 | 0 | -0,003225 | 0 | -1,6E-05 | 0 |
| 35 | STERRASX | LinStatic | 0,056946 | 0 | -0,010506 | 0 | 0,009054 | 0 |
| 35 | STERRADX | LinStatic | -0,056983 | 0 | 0,010526 | 0 | -0,009015 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 35 | TERMP | LinStatic | 4,3E-05 | 0 | -7,237E-06 | 0 | 2,6E-05 | 0 |
| 35 | TERMN | LinStatic | -0,000129 | 0 | 2,2E-05 | 0 | -7,7E-05 | 0 |
| 35 | GRADTP | LinStatic | -2,4E-05 | 0 | 7,752E-06 | 0 | 1,5E-05 | 0 |
| 35 | GRADTN | LinStatic | 2,4E-05 | 0 | -7,752E-06 | 0 | -1,5E-05 | 0 |
| 35 | LM71C | LinStatic | 7,9E-05 | 0 | -0,014025 | 0 | -7E-05 | 0 |
| 35 | STLM71 | LinStatic | 0,070785 | 0 | -0,014797 | 0 | 0,01275 | 0 |
| 35 | AVVLM71 | LinStatic | 0,042826 | 0 | -0,013763 | 0 | 0,011845 | 0 |
| 35 | SW2 | LinStatic | 6,2E-05 | 0 | -0,010997 | 0 | -5,5E-05 | 0 |
| 35 | STSW2 | LinStatic | 0,055494 | 0 | -0,0116 | 0 | 0,009996 | 0 |
| 35 | FRENSW2 | LinStatic | 0,045435 | 0 | -0,014602 | 0 | 0,012566 | 0 |
| 35 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 35 | INCRTER | LinStatic | 0,06314 | 0 | -0,013199 | 0 | 0,011373 | 0 |
| 35 | LM71SISO | LinStatic | 0,016102 | 0 | -0,005175 | 0 | 0,004453 | 0 |
| 35 | SW2SISO | LinStatic | 0,012598 | 0 | -0,004049 | 0 | 0,003484 | 0 |
| 35 | SISMAO | LinStatic | 0,045686 | 0 | -0,013165 | 0 | 0,011327 | 0 |
| 35 | LM71SVA | LinStatic | -2,342E-06 | 0 | 0,000417 | 0 | 2,075E-06 | 0 |
| 35 | SW2SVA | LinStatic | -1,844E-06 | 0 | 0,000329 | 0 | 1,634E-06 | 0 |
| 35 | SISMAVA | LinStatic | -6,569E-06 | 0 | 0,001483 | 0 | 6,288E-06 | 0 |
| 35 | LM71SVB | LinStatic | 2,342E-06 | 0 | -0,000417 | 0 | -2,075E-06 | 0 |
| 35 | SW2SVB | LinStatic | 1,844E-06 | 0 | -0,000329 | 0 | -1,634E-06 | 0 |
| 35 | SISMAVB | LinStatic | 6,569E-06 | 0 | -0,001483 | 0 | -6,288E-06 | 0 |
| 36 | PP | LinStatic | -5,5E-06 | 0 | -0,007035 | 0 | 2,8E-05 | 0 |
| 36 | REINTSUP | LinStatic | -2,74E-06 | 0 | -0,001452 | 0 | 1,4E-05 | 0 |
| 36 | BALLAST | LinStatic | -6,089E-06 | 0 | -0,003226 | 0 | 3,2E-05 | 0 |
| 36 | STERRASX | LinStatic | 0,061479 | 0 | 0,010527 | 0 | 0,008972 | 0 |
| 36 | STERRADX | LinStatic | -0,061467 | 0 | -0,010507 | 0 | -0,009023 | 0 |
| 36 | TERMP | LinStatic | -5,5E-05 | 0 | -7,237E-06 | 0 | -2,1E-05 | 0 |
| 36 | TERMN | LinStatic | 0,000165 | 0 | 2,2E-05 | 0 | 6,2E-05 | 0 |
| 36 | GRADTP | LinStatic | 9,189E-06 | 0 | 7,752E-06 | 0 | -5E-05 | 0 |
| 36 | GRADTN | LinStatic | -9,189E-06 | 0 | -7,752E-06 | 0 | 5E-05 | 0 |
| 36 | LM71C | LinStatic | -2,6E-05 | 0 | -0,014028 | 0 | 0,000139 | 0 |
| 36 | STLM71 | LinStatic | 0,077167 | 0 | 0,01482 | 0 | 0,012642 | 0 |
| 36 | AVVLM71 | LinStatic | 0,048739 | 0 | 0,013764 | 0 | 0,011797 | 0 |
| 36 | SW2 | LinStatic | -2,1E-05 | 0 | -0,011 | 0 | 0,000109 | 0 |
| 36 | STSW2 | LinStatic | 0,060498 | 0 | 0,011619 | 0 | 0,009911 | 0 |
| 36 | FRENSW2 | LinStatic | 0,051708 | 0 | 0,014602 | 0 | 0,012516 | 0 |
| 36 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 36 | INCRTER | LinStatic | 0,068832 | 0 | 0,013219 | 0 | 0,011277 | 0 |
| 36 | LM71SISO | LinStatic | 0,018325 | 0 | 0,005175 | 0 | 0,004436 | 0 |
| 36 | SW2SISO | LinStatic | 0,014337 | 0 | 0,004049 | 0 | 0,00347 | 0 |
| 36 | SISMAO | LinStatic | 0,05134 | 0 | 0,013165 | 0 | 0,011281 | 0 |
| 36 | LM71SVA | LinStatic | 7,877E-07 | 0 | 0,000417 | 0 | -4,138E-06 | 0 |
| 36 | SW2SVA | LinStatic | 6,203E-07 | 0 | 0,000329 | 0 | -3,259E-06 | 0 |
| 36 | SISMAVA | LinStatic | 2,134E-06 | 0 | 0,001483 | 0 | -1,1E-05 | 0 |
| 36 | LM71SVB | LinStatic | -7,877E-07 | 0 | -0,000417 | 0 | 4,138E-06 | 0 |
| 36 | SW2SVB | LinStatic | -6,203E-07 | 0 | -0,000329 | 0 | 3,259E-06 | 0 |
| 36 | SISMAVB | LinStatic | -2,134E-06 | 0 | -0,001483 | 0 | 1,1E-05 | 0 |
| 37 | PP | LinStatic | 5,5E-06 | 0 | -0,007035 | 0 | -2,8E-05 | 0 |
| 37 | REINTSUP | LinStatic | 2,74E-06 | 0 | -0,001452 | 0 | -1,4E-05 | 0 |
| 37 | BALLAST | LinStatic | 6,089E-06 | 0 | -0,003226 | 0 | -3,2E-05 | 0 |
| 37 | STERRASX | LinStatic | 0,061467 | 0 | -0,010507 | 0 | 0,009023 | 0 |
| 37 | STERRADX | LinStatic | -0,061479 | 0 | 0,010527 | 0 | -0,008972 | 0 |
| 37 | TERMP | LinStatic | 5,5E-05 | 0 | -7,237E-06 | 0 | 2,1E-05 | 0 |
| 37 | TERMN | LinStatic | -0,000165 | 0 | 2,2E-05 | 0 | -6,2E-05 | 0 |
| 37 | GRADTP | LinStatic | -9,189E-06 | 0 | 7,752E-06 | 0 | 5E-05 | 0 |
| 37 | GRADTN | LinStatic | 9,189E-06 | 0 | -7,752E-06 | 0 | -5E-05 | 0 |
| 37 | LM71C | LinStatic | 2,6E-05 | 0 | -0,014028 | 0 | -0,000139 | 0 |
| 37 | STLM71 | LinStatic | 0,077152 | 0 | -0,014797 | 0 | 0,012705 | 0 |
| 37 | AVVLM71 | LinStatic | 0,048739 | 0 | -0,013764 | 0 | 0,011797 | 0 |
| 37 | SW2 | LinStatic | 2,1E-05 | 0 | -0,011 | 0 | -0,000109 | 0 |
| 37 | STSW2 | LinStatic | 0,060486 | 0 | -0,011601 | 0 | 0,00996 | 0 |
| 37 | FRENSW2 | LinStatic | 0,051708 | 0 | -0,014602 | 0 | 0,012516 | 0 |
| 37 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 37 | INCRTER | LinStatic | 0,068819 | 0 | -0,013199 | 0 | 0,011333 | 0 |
| 37 | LM71SISO | LinStatic | 0,018325 | 0 | -0,005175 | 0 | 0,004436 | 0 |
| 37 | SW2SISO | LinStatic | 0,014337 | 0 | -0,004049 | 0 | 0,00347 | 0 |
| 37 | SISMAO | LinStatic | 0,05134 | 0 | -0,013165 | 0 | 0,011281 | 0 |
| 37 | LM71SVA | LinStatic | -7,877E-07 | 0 | 0,000417 | 0 | 4,138E-06 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 37 | SW2SVA | LinStatic | -6,203E-07 | 0 | 0,000329 | 0 | 3,259E-06 | 0 |
| 37 | SISMAVA | LinStatic | -2,134E-06 | 0 | 0,001483 | 0 | 1,1E-05 | 0 |
| 37 | LM71SVB | LinStatic | 7,877E-07 | 0 | -0,000417 | 0 | -4,138E-06 | 0 |
| 37 | SW2SVB | LinStatic | 6,203E-07 | 0 | -0,000329 | 0 | -3,259E-06 | 0 |
| 37 | SISMAVB | LinStatic | 2,134E-06 | 0 | -0,001483 | 0 | -1,1E-05 | 0 |
| 38 | PP | LinStatic | -2,924E-06 | 0 | -0,007036 | 0 | 2,9E-05 | 0 |
| 38 | REINTSUP | LinStatic | -1,425E-06 | 0 | -0,001452 | 0 | 1,6E-05 | 0 |
| 38 | BALLAST | LinStatic | -3,167E-06 | 0 | -0,003226 | 0 | 3,5E-05 | 0 |
| 38 | STERRASX | LinStatic | 0,062263 | 0 | 0,010527 | 0 | 0,008966 | 0 |
| 38 | STERRADX | LinStatic | -0,062257 | 0 | -0,010507 | 0 | -0,009015 | 0 |
| 38 | TERMP | LinStatic | -5,7E-05 | 0 | -7,237E-06 | 0 | -2E-05 | 0 |
| 38 | TERMN | LinStatic | 0,000171 | 0 | 2,2E-05 | 0 | 5,9E-05 | 0 |
| 38 | GRADTP | LinStatic | 4,65E-06 | 0 | 7,752E-06 | 0 | -5,7E-05 | 0 |
| 38 | GRADTN | LinStatic | -4,65E-06 | 0 | -7,752E-06 | 0 | 5,7E-05 | 0 |
| 38 | LM71C | LinStatic | -1,4E-05 | 0 | -0,014029 | 0 | 0,000151 | 0 |
| 38 | STLM71 | LinStatic | 0,078273 | 0 | 0,01482 | 0 | 0,012632 | 0 |
| 38 | AVVLM71 | LinStatic | 0,049771 | 0 | 0,013764 | 0 | 0,011786 | 0 |
| 38 | SW2 | LinStatic | -1,1E-05 | 0 | -0,011 | 0 | 0,000119 | 0 |
| 38 | STSW2 | LinStatic | 0,061364 | 0 | 0,011619 | 0 | 0,009904 | 0 |
| 38 | FRENSW2 | LinStatic | 0,052803 | 0 | 0,014602 | 0 | 0,012504 | 0 |
| 38 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 38 | INCRTER | LinStatic | 0,069818 | 0 | 0,013219 | 0 | 0,011268 | 0 |
| 38 | LM71SISO | LinStatic | 0,018713 | 0 | 0,005175 | 0 | 0,004431 | 0 |
| 38 | SW2SISO | LinStatic | 0,014641 | 0 | 0,004049 | 0 | 0,003467 | 0 |
| 38 | SISMAO | LinStatic | 0,052327 | 0 | 0,013166 | 0 | 0,01127 | 0 |
| 38 | LM71SVA | LinStatic | 4,098E-07 | 0 | 0,000417 | 0 | -4,499E-06 | 0 |
| 38 | SW2SVA | LinStatic | 3,227E-07 | 0 | 0,000329 | 0 | -3,543E-06 | 0 |
| 38 | SISMAVA | LinStatic | 1,12E-06 | 0 | 0,001483 | 0 | -1,2E-05 | 0 |
| 38 | LM71SVB | LinStatic | -4,098E-07 | 0 | -0,000417 | 0 | 4,499E-06 | 0 |
| 38 | SW2SVB | LinStatic | -3,227E-07 | 0 | -0,000329 | 0 | 3,543E-06 | 0 |
| 38 | SISMAVB | LinStatic | -1,12E-06 | 0 | -0,001483 | 0 | 1,2E-05 | 0 |
| 39 | PP | LinStatic | 2,924E-06 | 0 | -0,007036 | 0 | -2,9E-05 | 0 |
| 39 | REINTSUP | LinStatic | 1,425E-06 | 0 | -0,001452 | 0 | -1,6E-05 | 0 |
| 39 | BALLAST | LinStatic | 3,167E-06 | 0 | -0,003226 | 0 | -3,5E-05 | 0 |
| 39 | STERRASX | LinStatic | 0,062257 | 0 | -0,010507 | 0 | 0,009015 | 0 |
| 39 | STERRADX | LinStatic | -0,062263 | 0 | 0,010527 | 0 | -0,008966 | 0 |
| 39 | TERMP | LinStatic | 5,7E-05 | 0 | -7,237E-06 | 0 | 2E-05 | 0 |
| 39 | TERMN | LinStatic | -0,000171 | 0 | 2,2E-05 | 0 | -5,9E-05 | 0 |
| 39 | GRADTP | LinStatic | -4,65E-06 | 0 | 7,752E-06 | 0 | 5,7E-05 | 0 |
| 39 | GRADTN | LinStatic | 4,65E-06 | 0 | -7,752E-06 | 0 | -5,7E-05 | 0 |
| 39 | LM71C | LinStatic | 1,4E-05 | 0 | -0,014029 | 0 | -0,000151 | 0 |
| 39 | STLM71 | LinStatic | 0,078264 | 0 | -0,014797 | 0 | 0,012694 | 0 |
| 39 | AVVLM71 | LinStatic | 0,049771 | 0 | -0,013764 | 0 | 0,011786 | 0 |
| 39 | SW2 | LinStatic | 1,1E-05 | 0 | -0,011 | 0 | -0,000119 | 0 |
| 39 | STSW2 | LinStatic | 0,061357 | 0 | -0,011601 | 0 | 0,009952 | 0 |
| 39 | FRENSW2 | LinStatic | 0,052803 | 0 | -0,014602 | 0 | 0,012504 | 0 |
| 39 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 39 | INCRTER | LinStatic | 0,06981 | 0 | -0,013199 | 0 | 0,011323 | 0 |
| 39 | LM71SISO | LinStatic | 0,018713 | 0 | -0,005175 | 0 | 0,004431 | 0 |
| 39 | SW2SISO | LinStatic | 0,014641 | 0 | -0,004049 | 0 | 0,003467 | 0 |
| 39 | SISMAO | LinStatic | 0,052327 | 0 | -0,013166 | 0 | 0,01127 | 0 |
| 39 | LM71SVA | LinStatic | -4,098E-07 | 0 | 0,000417 | 0 | 4,499E-06 | 0 |
| 39 | SW2SVA | LinStatic | -3,227E-07 | 0 | 0,000329 | 0 | 3,543E-06 | 0 |
| 39 | SISMAVA | LinStatic | -1,12E-06 | 0 | 0,001483 | 0 | 1,2E-05 | 0 |
| 39 | LM71SVB | LinStatic | 4,098E-07 | 0 | -0,000417 | 0 | -4,499E-06 | 0 |
| 39 | SW2SVB | LinStatic | 3,227E-07 | 0 | -0,000329 | 0 | -3,543E-06 | 0 |
| 39 | SISMAVB | LinStatic | 1,12E-06 | 0 | -0,001483 | 0 | -1,2E-05 | 0 |
| 40 | PP | LinStatic | -2,642E-07 | 0 | -0,007036 | 0 | 3E-05 | 0 |
| 40 | REINTSUP | LinStatic | -1,035E-09 | 0 | -0,001452 | 0 | 1,7E-05 | 0 |
| 40 | BALLAST | LinStatic | -2,3E-09 | 0 | -0,003227 | 0 | 3,8E-05 | 0 |
| 40 | STERRASX | LinStatic | 0,063047 | 0 | 0,010527 | 0 | 0,00896 | 0 |
| 40 | STERRADX | LinStatic | -0,063045 | 0 | -0,010507 | 0 | -0,009007 | 0 |
| 40 | TERMP | LinStatic | -5,9E-05 | 0 | -7,237E-06 | 0 | -1,8E-05 | 0 |
| 40 | TERMN | LinStatic | 0,000176 | 0 | 2,2E-05 | 0 | 5,5E-05 | 0 |
| 40 | GRADTP | LinStatic | -5,34E-07 | 0 | 7,752E-06 | 0 | -6,4E-05 | 0 |
| 40 | GRADTN | LinStatic | 5,34E-07 | 0 | -7,752E-06 | 0 | 6,4E-05 | 0 |
| 40 | LM71C | LinStatic | -1E-08 | 0 | -0,01403 | 0 | 0,000163 | 0 |
| 40 | STLM71 | LinStatic | 0,079377 | 0 | 0,01482 | 0 | 0,012624 | 0 |

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| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 40 | AVVLM71 | LinStatic | 0,050802 | 0 | 0,013764 | 0 | 0,011774 | 0 |
| 40 | SW2 | LinStatic | -7,842E-09 | 0 | -0,011001 | 0 | 0,000128 | 0 |
| 40 | STSW2 | LinStatic | 0,06223 | 0 | 0,011619 | 0 | 0,009897 | 0 |
| 40 | FRENSW2 | LinStatic | 0,053897 | 0 | 0,014603 | 0 | 0,012491 | 0 |
| 40 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 40 | INCRTER | LinStatic | 0,070804 | 0 | 0,01322 | 0 | 0,01126 | 0 |
| 40 | LM71SISO | LinStatic | 0,019101 | 0 | 0,005175 | 0 | 0,004427 | 0 |
| 40 | SW2SISO | LinStatic | 0,014944 | 0 | 0,004049 | 0 | 0,003464 | 0 |
| 40 | SISMAO | LinStatic | 0,053313 | 0 | 0,013166 | 0 | 0,011259 | 0 |
| 40 | LM71SVA | LinStatic | 2,976E-10 | 0 | 0,000417 | 0 | -4,859E-06 | 0 |
| 40 | SW2SVA | LinStatic | 2,343E-10 | 0 | 0,000329 | 0 | -3,826E-06 | 0 |
| 40 | SISMAVA | LinStatic | 3,979E-08 | 0 | 0,001483 | 0 | -1,3E-05 | 0 |
| 40 | LM71SVB | LinStatic | -2,976E-10 | 0 | -0,000417 | 0 | 4,859E-06 | 0 |
| 40 | SW2SVB | LinStatic | -2,343E-10 | 0 | -0,000329 | 0 | 3,826E-06 | 0 |
| 40 | SISMAVB | LinStatic | -3,979E-08 | 0 | -0,001483 | 0 | 1,3E-05 | 0 |
| 41 | PP | LinStatic | -2,445E-07 | 0 | -0,007039 | 0 | 3,1E-05 | 0 |
| 41 | REINTSUP | LinStatic | -9,58E-10 | 0 | -0,001454 | 0 | 1,8E-05 | 0 |
| 41 | BALLAST | LinStatic | -2,129E-09 | 0 | -0,00323 | 0 | 4E-05 | 0 |
| 41 | STERRASX | LinStatic | 0,063047 | 0 | 0,009743 | 0 | 0,008955 | 0 |
| 41 | STERRADX | LinStatic | -0,063045 | 0 | -0,009719 | 0 | -0,008999 | 0 |
| 41 | TERMP | LinStatic | -5,4E-05 | 0 | -5,696E-06 | 0 | -1,7E-05 | 0 |
| 41 | TERMN | LinStatic | 0,000163 | 0 | 1,7E-05 | 0 | 5,1E-05 | 0 |
| 41 | GRADTP | LinStatic | -4,942E-07 | 0 | 1,3E-05 | 0 | -6E-05 | 0 |
| 41 | GRADTN | LinStatic | 4,942E-07 | 0 | -1,3E-05 | 0 | 6E-05 | 0 |
| 41 | LM71C | LinStatic | -9,257E-09 | 0 | -0,014046 | 0 | 0,000173 | 0 |
| 41 | STLM71 | LinStatic | 0,079377 | 0 | 0,013716 | 0 | 0,012616 | 0 |
| 41 | AVVLM71 | LinStatic | 0,050802 | 0 | 0,012735 | 0 | 0,011762 | 0 |
| 41 | SW2 | LinStatic | -7,258E-09 | 0 | -0,011014 | 0 | 0,000135 | 0 |
| 41 | STSW2 | LinStatic | 0,06223 | 0 | 0,010753 | 0 | 0,009891 | 0 |
| 41 | FRENSW2 | LinStatic | 0,053897 | 0 | 0,013511 | 0 | 0,012479 | 0 |
| 41 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 41 | INCRTER | LinStatic | 0,070804 | 0 | 0,012235 | 0 | 0,011253 | 0 |
| 41 | LM71SISO | LinStatic | 0,019101 | 0 | 0,004788 | 0 | 0,004422 | 0 |
| 41 | SW2SISO | LinStatic | 0,014944 | 0 | 0,003746 | 0 | 0,00346 | 0 |
| 41 | SISMAO | LinStatic | 0,053313 | 0 | 0,012181 | 0 | 0,011248 | 0 |
| 41 | LM71SVA | LinStatic | 2,754E-10 | 0 | 0,000418 | 0 | -5,141E-06 | 0 |
| 41 | SW2SVA | LinStatic | 2,169E-10 | 0 | 0,000329 | 0 | -4,048E-06 | 0 |
| 41 | SISMAVA | LinStatic | 3,683E-08 | 0 | 0,001485 | 0 | -1,3E-05 | 0 |
| 41 | LM71SVB | LinStatic | -2,754E-10 | 0 | -0,000418 | 0 | 5,141E-06 | 0 |
| 41 | SW2SVB | LinStatic | -2,169E-10 | 0 | -0,000329 | 0 | 4,048E-06 | 0 |
| 41 | SISMAVB | LinStatic | -3,683E-08 | 0 | -0,001485 | 0 | 1,3E-05 | 0 |
| 42 | PP | LinStatic | -2,248E-07 | 0 | -0,007041 | 0 | 3E-05 | 0 |
| 42 | REINTSUP | LinStatic | -8,809E-10 | 0 | -0,001455 | 0 | 1,8E-05 | 0 |
| 42 | BALLAST | LinStatic | -1,958E-09 | 0 | -0,003234 | 0 | 4,1E-05 | 0 |
| 42 | STERRASX | LinStatic | 0,063047 | 0 | 0,00896 | 0 | 0,008951 | 0 |
| 42 | STERRADX | LinStatic | -0,063046 | 0 | -0,008932 | 0 | -0,008991 | 0 |
| 42 | TERMP | LinStatic | -5E-05 | 0 | -4,273E-06 | 0 | -1,6E-05 | 0 |
| 42 | TERMN | LinStatic | 0,00015 | 0 | 1,3E-05 | 0 | 4,7E-05 | 0 |
| 42 | GRADTP | LinStatic | -4,544E-07 | 0 | 1,8E-05 | 0 | -5,5E-05 | 0 |
| 42 | GRADTN | LinStatic | 4,544E-07 | 0 | -1,8E-05 | 0 | 5,5E-05 | 0 |
| 42 | LM71C | LinStatic | -8,512E-09 | 0 | -0,014063 | 0 | 0,000177 | 0 |
| 42 | STLM71 | LinStatic | 0,079377 | 0 | 0,012613 | 0 | 0,012609 | 0 |
| 42 | AVVLM71 | LinStatic | 0,050802 | 0 | 0,011706 | 0 | 0,011751 | 0 |
| 42 | SW2 | LinStatic | -6,674E-09 | 0 | -0,011027 | 0 | 0,000139 | 0 |
| 42 | STSW2 | LinStatic | 0,06223 | 0 | 0,009888 | 0 | 0,009885 | 0 |
| 42 | FRENSW2 | LinStatic | 0,053897 | 0 | 0,012419 | 0 | 0,012467 | 0 |
| 42 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 42 | INCRTER | LinStatic | 0,070804 | 0 | 0,011251 | 0 | 0,011247 | 0 |
| 42 | LM71SISO | LinStatic | 0,019101 | 0 | 0,004401 | 0 | 0,004418 | 0 |
| 42 | SW2SISO | LinStatic | 0,014944 | 0 | 0,003444 | 0 | 0,003457 | 0 |
| 42 | SISMAO | LinStatic | 0,053313 | 0 | 0,011198 | 0 | 0,011238 | 0 |
| 42 | LM71SVA | LinStatic | 2,533E-10 | 0 | 0,000418 | 0 | -5,273E-06 | 0 |
| 42 | SW2SVA | LinStatic | 1,994E-10 | 0 | 0,000329 | 0 | -4,152E-06 | 0 |
| 42 | SISMAVA | LinStatic | 3,386E-08 | 0 | 0,001486 | 0 | -1,3E-05 | 0 |
| 42 | LM71SVB | LinStatic | -2,533E-10 | 0 | -0,000418 | 0 | 5,273E-06 | 0 |
| 42 | SW2SVB | LinStatic | -1,994E-10 | 0 | -0,000329 | 0 | 4,152E-06 | 0 |
| 42 | SISMAVB | LinStatic | -3,386E-08 | 0 | -0,001486 | 0 | 1,3E-05 | 0 |
| 43 | PP | LinStatic | -7,494E-08 | 0 | -0,007058 | 0 | 1,4E-05 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 43 | REINTSUP | LinStatic | -2,937E-10 | 0 | -0,001466 | 0 | 9,194E-06 | 0 |
| 43 | BALLAST | LinStatic | -6,526E-10 | 0 | -0,003259 | 0 | 2E-05 | 0 |
| 43 | STERRASX | LinStatic | 0,063047 | 0 | 0,003001 | 0 | 0,008934 | 0 |
| 43 | STERRADX | LinStatic | -0,063046 | 0 | -0,002956 | 0 | -0,008947 | 0 |
| 43 | TERMP | LinStatic | -1,7E-05 | 0 | 2,65E-06 | 0 | -5,192E-06 | 0 |
| 43 | TERMN | LinStatic | 5E-05 | 0 | -7,949E-06 | 0 | 1,6E-05 | 0 |
| 43 | GRADTP | LinStatic | -1,515E-07 | 0 | 4,3E-05 | 0 | -1,8E-05 | 0 |
| 43 | GRADTN | LinStatic | 1,515E-07 | 0 | -4,3E-05 | 0 | 1,8E-05 | 0 |
| 43 | LM71C | LinStatic | -2,837E-09 | 0 | -0,01417 | 0 | 8,9E-05 | 0 |
| 43 | STLM71 | LinStatic | 0,079376 | 0 | 0,004221 | 0 | 0,01258 | 0 |
| 43 | AVVLM71 | LinStatic | 0,050803 | 0 | 0,003896 | 0 | 0,011696 | 0 |
| 43 | SW2 | LinStatic | -2,225E-09 | 0 | -0,01111 | 0 | 7E-05 | 0 |
| 43 | STSW2 | LinStatic | 0,062229 | 0 | 0,003309 | 0 | 0,009863 | 0 |
| 43 | FRENSW2 | LinStatic | 0,053898 | 0 | 0,004133 | 0 | 0,012409 | 0 |
| 43 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 43 | INCRTER | LinStatic | 0,070803 | 0 | 0,003765 | 0 | 0,011222 | 0 |
| 43 | LM71SISO | LinStatic | 0,019101 | 0 | 0,001465 | 0 | 0,004398 | 0 |
| 43 | SW2SISO | LinStatic | 0,014945 | 0 | 0,001146 | 0 | 0,003441 | 0 |
| 43 | SISMAO | LinStatic | 0,053313 | 0 | 0,003727 | 0 | 0,011189 | 0 |
| 43 | LM71SVA | LinStatic | 8,443E-11 | 0 | 0,000422 | 0 | -2,643E-06 | 0 |
| 43 | SW2SVA | LinStatic | 6,648E-11 | 0 | 0,000332 | 0 | -2,081E-06 | 0 |
| 43 | SISMAVA | LinStatic | 1,129E-08 | 0 | 0,001494 | 0 | -6,486E-06 | 0 |
| 43 | LM71SVB | LinStatic | -8,443E-11 | 0 | -0,000422 | 0 | 2,643E-06 | 0 |
| 43 | SW2SVB | LinStatic | -6,648E-11 | 0 | -0,000332 | 0 | 2,081E-06 | 0 |
| 43 | SISMAVB | LinStatic | -1,129E-08 | 0 | -0,001494 | 0 | 6,486E-06 | 0 |
| 44 | PP | LinStatic | 7,494E-08 | 0 | -0,007058 | 0 | -1,4E-05 | 0 |
| 44 | REINTSUP | LinStatic | 2,936E-10 | 0 | -0,001466 | 0 | -9,194E-06 | 0 |
| 44 | BALLAST | LinStatic | 6,524E-10 | 0 | -0,003259 | 0 | -2E-05 | 0 |
| 44 | STERRASX | LinStatic | 0,063046 | 0 | -0,002956 | 0 | 0,008947 | 0 |
| 44 | STERRADX | LinStatic | -0,063047 | 0 | 0,003001 | 0 | -0,008934 | 0 |
| 44 | TERMP | LinStatic | 1,7E-05 | 0 | 2,65E-06 | 0 | 5,192E-06 | 0 |
| 44 | TERMN | LinStatic | -5E-05 | 0 | -7,949E-06 | 0 | -1,6E-05 | 0 |
| 44 | GRADTP | LinStatic | 1,515E-07 | 0 | 4,3E-05 | 0 | 1,8E-05 | 0 |
| 44 | GRADTN | LinStatic | -1,515E-07 | 0 | -4,3E-05 | 0 | -1,8E-05 | 0 |
| 44 | LM71C | LinStatic | 2,837E-09 | 0 | -0,01417 | 0 | -8,9E-05 | 0 |
| 44 | STLM71 | LinStatic | 0,079375 | 0 | -0,004167 | 0 | 0,012597 | 0 |
| 44 | AVVLM71 | LinStatic | 0,050803 | 0 | -0,003896 | 0 | 0,011696 | 0 |
| 44 | SW2 | LinStatic | 2,224E-09 | 0 | -0,01111 | 0 | -7E-05 | 0 |
| 44 | STSW2 | LinStatic | 0,062229 | 0 | -0,003267 | 0 | 0,009876 | 0 |
| 44 | FRENSW2 | LinStatic | 0,053898 | 0 | -0,004133 | 0 | 0,012409 | 0 |
| 44 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 44 | INCRTER | LinStatic | 0,070802 | 0 | -0,003717 | 0 | 0,011236 | 0 |
| 44 | LM71SISO | LinStatic | 0,019101 | 0 | -0,001465 | 0 | 0,004398 | 0 |
| 44 | SW2SISO | LinStatic | 0,014945 | 0 | -0,001146 | 0 | 0,003441 | 0 |
| 44 | SISMAO | LinStatic | 0,053313 | 0 | -0,003727 | 0 | 0,011189 | 0 |
| 44 | LM71SVA | LinStatic | -8,441E-11 | 0 | 0,000422 | 0 | 2,643E-06 | 0 |
| 44 | SW2SVA | LinStatic | -6,646E-11 | 0 | 0,000332 | 0 | 2,081E-06 | 0 |
| 44 | SISMAVA | LinStatic | -1,129E-08 | 0 | 0,001494 | 0 | 6,486E-06 | 0 |
| 44 | LM71SVB | LinStatic | 8,441E-11 | 0 | -0,000422 | 0 | -2,643E-06 | 0 |
| 44 | SW2SVB | LinStatic | 6,646E-11 | 0 | -0,000332 | 0 | -2,081E-06 | 0 |
| 44 | SISMAVB | LinStatic | 1,129E-08 | 0 | -0,001494 | 0 | -6,486E-06 | 0 |
| 45 | PP | LinStatic | 2,248E-07 | 0 | -0,007041 | 0 | -3E-05 | 0 |
| 45 | REINTSUP | LinStatic | 8,808E-10 | 0 | -0,001455 | 0 | -1,8E-05 | 0 |
| 45 | BALLAST | LinStatic | 1,957E-09 | 0 | -0,003234 | 0 | -4,1E-05 | 0 |
| 45 | STERRASX | LinStatic | 0,063046 | 0 | -0,008932 | 0 | 0,008991 | 0 |
| 45 | STERRADX | LinStatic | -0,063047 | 0 | 0,00896 | 0 | -0,008951 | 0 |
| 45 | TERMP | LinStatic | 5E-05 | 0 | -4,273E-06 | 0 | 1,6E-05 | 0 |
| 45 | TERMN | LinStatic | -0,00015 | 0 | 1,3E-05 | 0 | -4,7E-05 | 0 |
| 45 | GRADTP | LinStatic | 4,544E-07 | 0 | 1,8E-05 | 0 | 5,5E-05 | 0 |
| 45 | GRADTN | LinStatic | -4,544E-07 | 0 | -1,8E-05 | 0 | -5,5E-05 | 0 |
| 45 | LM71C | LinStatic | 8,511E-09 | 0 | -0,014063 | 0 | -0,000177 | 0 |
| 45 | STLM71 | LinStatic | 0,079374 | 0 | -0,012581 | 0 | 0,012658 | 0 |
| 45 | AVVLM71 | LinStatic | 0,050802 | 0 | -0,011706 | 0 | 0,011751 | 0 |
| 45 | SW2 | LinStatic | 6,674E-09 | 0 | -0,011027 | 0 | -0,000139 | 0 |
| 45 | STSW2 | LinStatic | 0,062228 | 0 | -0,009863 | 0 | 0,009924 | 0 |
| 45 | FRENSW2 | LinStatic | 0,053897 | 0 | -0,012419 | 0 | 0,012467 | 0 |
| 45 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | INCRTER | LinStatic | 0,070801 | 0 | -0,011222 | 0 | 0,011291 | 0 |

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Table: Joint Displacements

| Joint | OutputCase | CaseType | U1 | U2 | U3 | R1 | R2 | R3 |
|-------|------------|-----------|------------|----|------------|---------|------------|---------|
| | | | m | m | m | Radians | Radians | Radians |
| 45 | LM71SISO | LinStatic | 0,019101 | 0 | -0,004401 | 0 | 0,004418 | 0 |
| 45 | SW2SISO | LinStatic | 0,014944 | 0 | -0,003444 | 0 | 0,003457 | 0 |
| 45 | SISMAO | LinStatic | 0,053313 | 0 | -0,011198 | 0 | 0,011238 | 0 |
| 45 | LM71SVA | LinStatic | -2,532E-10 | 0 | 0,000418 | 0 | 5,273E-06 | 0 |
| 45 | SW2SVA | LinStatic | -1,994E-10 | 0 | 0,000329 | 0 | 4,152E-06 | 0 |
| 45 | SISMAVA | LinStatic | -3,386E-08 | 0 | 0,001486 | 0 | 1,3E-05 | 0 |
| 45 | LM71SVB | LinStatic | 2,532E-10 | 0 | -0,000418 | 0 | -5,273E-06 | 0 |
| 45 | SW2SVB | LinStatic | 1,994E-10 | 0 | -0,000329 | 0 | -4,152E-06 | 0 |
| 45 | SISMAVB | LinStatic | 3,386E-08 | 0 | -0,001486 | 0 | -1,3E-05 | 0 |
| 46 | PP | LinStatic | 2,445E-07 | 0 | -0,007039 | 0 | -3,1E-05 | 0 |
| 46 | REINTSUP | LinStatic | 9,579E-10 | 0 | -0,001454 | 0 | -1,8E-05 | 0 |
| 46 | BALLAST | LinStatic | 2,129E-09 | 0 | -0,00323 | 0 | -4E-05 | 0 |
| 46 | STERRASX | LinStatic | 0,063045 | 0 | -0,009719 | 0 | 0,008999 | 0 |
| 46 | STERRADX | LinStatic | -0,063047 | 0 | 0,009743 | 0 | -0,008955 | 0 |
| 46 | TERMP | LinStatic | 5,4E-05 | 0 | -5,696E-06 | 0 | 1,7E-05 | 0 |
| 46 | TERMN | LinStatic | -0,000163 | 0 | 1,7E-05 | 0 | -5,1E-05 | 0 |
| 46 | GRADTP | LinStatic | 4,942E-07 | 0 | 1,3E-05 | 0 | 6E-05 | 0 |
| 46 | GRADTN | LinStatic | -4,942E-07 | 0 | -1,3E-05 | 0 | -6E-05 | 0 |
| 46 | LM71C | LinStatic | 9,256E-09 | 0 | -0,014046 | 0 | -0,000173 | 0 |
| 46 | STLM71 | LinStatic | 0,079374 | 0 | -0,013689 | 0 | 0,01267 | 0 |
| 46 | AVVLM71 | LinStatic | 0,050802 | 0 | -0,012735 | 0 | 0,011762 | 0 |
| 46 | SW2 | LinStatic | 7,257E-09 | 0 | -0,011014 | 0 | -0,000135 | 0 |
| 46 | STSW2 | LinStatic | 0,062228 | 0 | -0,010732 | 0 | 0,009933 | 0 |
| 46 | FRENSW2 | LinStatic | 0,053897 | 0 | -0,013511 | 0 | 0,012479 | 0 |
| 46 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | INCRTER | LinStatic | 0,070801 | 0 | -0,01221 | 0 | 0,011301 | 0 |
| 46 | LM71SISO | LinStatic | 0,019101 | 0 | -0,004788 | 0 | 0,004422 | 0 |
| 46 | SW2SISO | LinStatic | 0,014944 | 0 | -0,003746 | 0 | 0,00346 | 0 |
| 46 | SISMAO | LinStatic | 0,053313 | 0 | -0,012181 | 0 | 0,011248 | 0 |
| 46 | LM71SVA | LinStatic | -2,754E-10 | 0 | 0,000418 | 0 | 5,141E-06 | 0 |
| 46 | SW2SVA | LinStatic | -2,169E-10 | 0 | 0,000329 | 0 | 4,048E-06 | 0 |
| 46 | SISMAVA | LinStatic | -3,683E-08 | 0 | 0,001485 | 0 | 1,3E-05 | 0 |
| 46 | LM71SVB | LinStatic | 2,754E-10 | 0 | -0,000418 | 0 | -5,141E-06 | 0 |
| 46 | SW2SVB | LinStatic | 2,169E-10 | 0 | -0,000329 | 0 | -4,048E-06 | 0 |
| 46 | SISMAVB | LinStatic | 3,683E-08 | 0 | -0,001485 | 0 | -1,3E-05 | 0 |
| 47 | PP | LinStatic | 2,642E-07 | 0 | -0,007036 | 0 | -3E-05 | 0 |
| 47 | REINTSUP | LinStatic | 1,035E-09 | 0 | -0,001452 | 0 | -1,7E-05 | 0 |
| 47 | BALLAST | LinStatic | 2,3E-09 | 0 | -0,003227 | 0 | -3,8E-05 | 0 |
| 47 | STERRASX | LinStatic | 0,063045 | 0 | -0,010507 | 0 | 0,009007 | 0 |
| 47 | STERRADX | LinStatic | -0,063047 | 0 | 0,010527 | 0 | -0,00896 | 0 |
| 47 | TERMP | LinStatic | 5,9E-05 | 0 | -7,237E-06 | 0 | 1,8E-05 | 0 |
| 47 | TERMN | LinStatic | -0,000176 | 0 | 2,2E-05 | 0 | -5,5E-05 | 0 |
| 47 | GRADTP | LinStatic | 5,34E-07 | 0 | 7,752E-06 | 0 | 6,4E-05 | 0 |
| 47 | GRADTN | LinStatic | -5,34E-07 | 0 | -7,752E-06 | 0 | -6,4E-05 | 0 |
| 47 | LM71C | LinStatic | 1E-08 | 0 | -0,01403 | 0 | -0,000163 | 0 |
| 47 | STLM71 | LinStatic | 0,079374 | 0 | -0,014797 | 0 | 0,012682 | 0 |
| 47 | AVVLM71 | LinStatic | 0,050802 | 0 | -0,013764 | 0 | 0,011774 | 0 |
| 47 | SW2 | LinStatic | 7,841E-09 | 0 | -0,011001 | 0 | -0,000128 | 0 |
| 47 | STSW2 | LinStatic | 0,062228 | 0 | -0,011601 | 0 | 0,009942 | 0 |
| 47 | FRENSW2 | LinStatic | 0,053897 | 0 | -0,014603 | 0 | 0,012491 | 0 |
| 47 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | INCRTER | LinStatic | 0,070801 | 0 | -0,013199 | 0 | 0,011312 | 0 |
| 47 | LM71SISO | LinStatic | 0,019101 | 0 | -0,005175 | 0 | 0,004427 | 0 |
| 47 | SW2SISO | LinStatic | 0,014944 | 0 | -0,004049 | 0 | 0,003464 | 0 |
| 47 | SISMAO | LinStatic | 0,053313 | 0 | -0,013166 | 0 | 0,011259 | 0 |
| 47 | LM71SVA | LinStatic | -2,976E-10 | 0 | 0,000417 | 0 | 4,859E-06 | 0 |
| 47 | SW2SVA | LinStatic | -2,343E-10 | 0 | 0,000329 | 0 | 3,826E-06 | 0 |
| 47 | SISMAVA | LinStatic | -3,979E-08 | 0 | 0,001483 | 0 | 1,3E-05 | 0 |
| 47 | LM71SVB | LinStatic | 2,976E-10 | 0 | -0,000417 | 0 | -4,859E-06 | 0 |
| 47 | SW2SVB | LinStatic | 2,343E-10 | 0 | -0,000329 | 0 | -3,826E-06 | 0 |
| 47 | SISMAVB | LinStatic | 3,979E-08 | 0 | -0,001483 | 0 | -1,3E-05 | 0 |

Table: Joint Reactions

Table: Joint Reactions

| Joint | OutputCase | CaseType | F1 | F2 | F3 | M1 | M2 | M3 |
|-------|------------|-----------|------------|----|-------|------|------|------|
| | | | KN | KN | KN | KN-m | KN-m | KN-m |
| 1 | PP | LinStatic | -5,931E-06 | 0 | 1,538 | 0 | 0 | 0 |

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Table: Joint Reactions

| Joint | OutputCase | CaseType | F1 | F2 | F3 | M1 | M2 | M3 |
|-------|------------|-----------|------------|----|-----------|------|------|------|
| | | | KN | KN | KN | KN-m | KN-m | KN-m |
| 1 | REINTSUP | LinStatic | -2,324E-08 | 0 | 0,317 | 0 | 0 | 0 |
| 1 | BALLAST | LinStatic | -5,164E-08 | 0 | 0,705 | 0 | 0 | 0 |
| 1 | STERRASX | LinStatic | -0,914 | 0 | -2,302 | 0 | 0 | 0 |
| 1 | STERRADX | LinStatic | 0,914 | 0 | 2,298 | 0 | 0 | 0 |
| 1 | TERMP | LinStatic | 3,549E-06 | 0 | 0,001583 | 0 | 0 | 0 |
| 1 | TERMN | LinStatic | -1,065E-05 | 0 | -0,00475 | 0 | 0 | 0 |
| 1 | GRADTP | LinStatic | -1,199E-05 | 0 | -0,001696 | 0 | 0 | 0 |
| 1 | GRADTN | LinStatic | 1,199E-05 | 0 | 0,001696 | 0 | 0 | 0 |
| 1 | LM71C | LinStatic | -2,245E-07 | 0 | 3,065 | 0 | 0 | 0 |
| 1 | STLM71 | LinStatic | -1,082 | 0 | -3,241 | 0 | 0 | 0 |
| 1 | AVVLM71 | LinStatic | -0,503 | 0 | -3,01 | 0 | 0 | 0 |
| 1 | SW2 | LinStatic | -1,761E-07 | 0 | 2,403 | 0 | 0 | 0 |
| 1 | STSW2 | LinStatic | -0,848 | 0 | -2,541 | 0 | 0 | 0 |
| 1 | FRENSW2 | LinStatic | -0,533 | 0 | -3,194 | 0 | 0 | 0 |
| 1 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | INCRTER | LinStatic | -0,965 | 0 | -2,891 | 0 | 0 | 0 |
| 1 | LM71SISO | LinStatic | -0,189 | 0 | -1,132 | 0 | 0 | 0 |
| 1 | SW2SISO | LinStatic | -0,148 | 0 | -0,886 | 0 | 0 | 0 |
| 1 | SISMAO | LinStatic | -0,584 | 0 | -2,879 | 0 | 0 | 0 |
| 1 | LM71SVA | LinStatic | 6,681E-09 | 0 | -0,091 | 0 | 0 | 0 |
| 1 | SW2SVA | LinStatic | 5,261E-09 | 0 | -0,072 | 0 | 0 | 0 |
| 1 | SISMAVA | LinStatic | 8,934E-07 | 0 | -0,324 | 0 | 0 | 0 |
| 1 | LM71SVB | LinStatic | -6,681E-09 | 0 | 0,091 | 0 | 0 | 0 |
| 1 | SW2SVB | LinStatic | -5,261E-09 | 0 | 0,072 | 0 | 0 | 0 |
| 1 | SISMAVB | LinStatic | -8,934E-07 | 0 | 0,324 | 0 | 0 | 0 |
| 2 | PP | LinStatic | -1,098E-05 | 0 | 3,074 | 0 | 0 | 0 |
| 2 | REINTSUP | LinStatic | -4,302E-08 | 0 | 0,634 | 0 | 0 | 0 |
| 2 | BALLAST | LinStatic | -9,559E-08 | 0 | 1,408 | 0 | 0 | 0 |
| 2 | STERRASX | LinStatic | -1,828 | 0 | -4,259 | 0 | 0 | 0 |
| 2 | STERRADX | LinStatic | 1,828 | 0 | 4,252 | 0 | 0 | 0 |
| 2 | TERMP | LinStatic | 6,569E-06 | 0 | 0,002484 | 0 | 0 | 0 |
| 2 | TERMN | LinStatic | -1,971E-05 | 0 | -0,007451 | 0 | 0 | 0 |
| 2 | GRADTP | LinStatic | -2,219E-05 | 0 | -0,00266 | 0 | 0 | 0 |
| 2 | GRADTN | LinStatic | 2,219E-05 | 0 | 0,00266 | 0 | 0 | 0 |
| 2 | LM71C | LinStatic | -4,157E-07 | 0 | 6,123 | 0 | 0 | 0 |
| 2 | STLM71 | LinStatic | -2,163 | 0 | -5,996 | 0 | 0 | 0 |
| 2 | AVVLM71 | LinStatic | -1,005 | 0 | -5,569 | 0 | 0 | 0 |
| 2 | SW2 | LinStatic | -3,259E-07 | 0 | 4,801 | 0 | 0 | 0 |
| 2 | STSW2 | LinStatic | -1,696 | 0 | -4,701 | 0 | 0 | 0 |
| 2 | FRENSW2 | LinStatic | -1,067 | 0 | -5,909 | 0 | 0 | 0 |
| 2 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | INCRTER | LinStatic | -1,929 | 0 | -5,348 | 0 | 0 | 0 |
| 2 | LM71SISO | LinStatic | -0,378 | 0 | -2,094 | 0 | 0 | 0 |
| 2 | SW2SISO | LinStatic | -0,296 | 0 | -1,638 | 0 | 0 | 0 |
| 2 | SISMAO | LinStatic | -1,168 | 0 | -5,327 | 0 | 0 | 0 |
| 2 | LM71SVA | LinStatic | 1,237E-08 | 0 | -0,182 | 0 | 0 | 0 |
| 2 | SW2SVA | LinStatic | 9,739E-09 | 0 | -0,143 | 0 | 0 | 0 |
| 2 | SISMAVA | LinStatic | 1,654E-06 | 0 | -0,648 | 0 | 0 | 0 |
| 2 | LM71SVB | LinStatic | -1,237E-08 | 0 | 0,182 | 0 | 0 | 0 |
| 2 | SW2SVB | LinStatic | -9,739E-09 | 0 | 0,143 | 0 | 0 | 0 |
| 2 | SISMAVB | LinStatic | -1,654E-06 | 0 | 0,648 | 0 | 0 | 0 |
| 3 | PP | LinStatic | -1,082E-05 | 0 | 3,291 | 0 | 0 | 0 |
| 3 | REINTSUP | LinStatic | -4,238E-08 | 0 | 0,678 | 0 | 0 | 0 |
| 3 | BALLAST | LinStatic | -9,418E-08 | 0 | 1,507 | 0 | 0 | 0 |
| 3 | STERRASX | LinStatic | -1,959 | 0 | -4,193 | 0 | 0 | 0 |
| 3 | STERRADX | LinStatic | 1,959 | 0 | 4,187 | 0 | 0 | 0 |
| 3 | TERMP | LinStatic | 6,471E-06 | 0 | 0,001986 | 0 | 0 | 0 |
| 3 | TERMN | LinStatic | -1,941E-05 | 0 | -0,005959 | 0 | 0 | 0 |
| 3 | GRADTP | LinStatic | -2,186E-05 | 0 | -0,002128 | 0 | 0 | 0 |
| 3 | GRADTN | LinStatic | 2,186E-05 | 0 | 0,002128 | 0 | 0 | 0 |
| 3 | LM71C | LinStatic | -4,095E-07 | 0 | 6,553 | 0 | 0 | 0 |
| 3 | STLM71 | LinStatic | -2,318 | 0 | -5,903 | 0 | 0 | 0 |
| 3 | AVVLM71 | LinStatic | -1,077 | 0 | -5,484 | 0 | 0 | 0 |
| 3 | SW2 | LinStatic | -3,211E-07 | 0 | 5,138 | 0 | 0 | 0 |
| 3 | STSW2 | LinStatic | -1,817 | 0 | -4,628 | 0 | 0 | 0 |
| 3 | FRENSW2 | LinStatic | -1,143 | 0 | -5,818 | 0 | 0 | 0 |
| 3 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 3 | INCRTER | LinStatic | -2,067 | 0 | -5,265 | 0 | 0 | 0 |

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Table: Joint Reactions

| Joint | OutputCase | CaseType | F1 | F2 | F3 | M1 | M2 | M3 |
|-------|------------|-----------|------------|----|------------|--------|------|------|
| | | | KN | KN | KN | KN-m | KN-m | KN-m |
| 3 | LM71SISO | LinStatic | -0,405 | 0 | -2,062 | 0 | 0 | 0 |
| 3 | SW2SISO | LinStatic | -0,317 | 0 | -1,613 | 0 | 0 | 0 |
| 3 | SISMAO | LinStatic | -1,252 | 0 | -5,246 | 0 | 0 | 0 |
| 3 | LM71SVA | LinStatic | 1,218E-08 | 0 | -0,195 | 0 | 0 | 0 |
| 3 | SW2SVA | LinStatic | 9,595E-09 | 0 | -0,154 | 0 | 0 | 0 |
| 3 | SISMAVA | LinStatic | 1,629E-06 | 0 | -0,693 | 0 | 0 | 0 |
| 3 | LM71SVB | LinStatic | -1,218E-08 | 0 | 0,195 | 0 | 0 | 0 |
| 3 | SW2SVB | LinStatic | -9,595E-09 | 0 | 0,154 | 0 | 0 | 0 |
| 3 | SISMAVB | LinStatic | -1,629E-06 | 0 | 0,693 | 0 | 0 | 0 |
| 4 | PP | LinStatic | -1,038E-05 | 0 | 3,507 | 0 | 0 | 0 |
| 4 | REINTSUP | LinStatic | -4,069E-08 | 0 | 0,722 | 0 | 0 | 0 |
| 4 | BALLAST | LinStatic | -9,041E-08 | 0 | 1,605 | 0 | 0 | 0 |
| 4 | STERRASX | LinStatic | -2,09 | 0 | -4,022 | 0 | 0 | 0 |
| 4 | STERRADX | LinStatic | 2,089 | 0 | 4,018 | 0 | 0 | 0 |
| 4 | TERMP | LinStatic | 6,213E-06 | 0 | 0,00137 | 0 | 0 | 0 |
| 4 | TERMN | LinStatic | -1,864E-05 | 0 | -0,004111 | 0 | 0 | 0 |
| 4 | GRADTP | LinStatic | -2,099E-05 | 0 | -0,001468 | 0 | 0 | 0 |
| 4 | GRADTN | LinStatic | 2,099E-05 | 0 | 0,001468 | 0 | 0 | 0 |
| 4 | LM71C | LinStatic | -3,931E-07 | 0 | 6,98 | 0 | 0 | 0 |
| 4 | STLM71 | LinStatic | -2,472 | 0 | -5,663 | 0 | 0 | 0 |
| 4 | AVVLM71 | LinStatic | -1,149 | 0 | -5,262 | 0 | 0 | 0 |
| 4 | SW2 | LinStatic | -3,083E-07 | 0 | 5,473 | 0 | 0 | 0 |
| 4 | STSW2 | LinStatic | -1,938 | 0 | -4,439 | -1,938 | 0 | 0 |
| 4 | FRENSW2 | LinStatic | -1,219 | 0 | -5,583 | 0 | 0 | 0 |
| 4 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | INCRTER | LinStatic | -2,205 | 0 | -5,051 | 0 | 0 | 0 |
| 4 | LM71SISO | LinStatic | -0,432 | 0 | -1,978 | 0 | 0 | 0 |
| 4 | SW2SISO | LinStatic | -0,338 | 0 | -1,548 | 0 | 0 | 0 |
| 4 | SISMAO | LinStatic | -1,335 | 0 | -5,033 | 0 | 0 | 0 |
| 4 | LM71SVA | LinStatic | 1,17E-08 | 0 | -0,208 | 0 | 0 | 0 |
| 4 | SW2SVA | LinStatic | 9,211E-09 | 0 | -0,164 | 0 | 0 | 0 |
| 4 | SISMAVA | LinStatic | 1,564E-06 | 0 | -0,738 | 0 | 0 | 0 |
| 4 | LM71SVB | LinStatic | -1,17E-08 | 0 | 0,208 | 0 | 0 | 0 |
| 4 | SW2SVB | LinStatic | -9,211E-09 | 0 | 0,164 | 0 | 0 | 0 |
| 4 | SISMAVB | LinStatic | -1,564E-06 | 0 | 0,738 | 0 | 0 | 0 |
| 5 | PP | LinStatic | -9,23E-06 | 0 | 3,504 | 0 | 0 | 0 |
| 5 | REINTSUP | LinStatic | -3,617E-08 | 0 | 0,721 | 0 | 0 | 0 |
| 5 | BALLAST | LinStatic | -8,037E-08 | 0 | 1,603 | 0 | 0 | 0 |
| 5 | STERRASX | LinStatic | -2,09 | 0 | -3,572 | 0 | 0 | 0 |
| 5 | STERRADX | LinStatic | 2,089 | 0 | 3,57 | 0 | 0 | 0 |
| 5 | TERMP | LinStatic | 5,522E-06 | 0 | 0,000701 | 0 | 0 | 0 |
| 5 | TERMN | LinStatic | -1,657E-05 | 0 | -0,002103 | 0 | 0 | 0 |
| 5 | GRADTP | LinStatic | -1,866E-05 | 0 | -0,0007508 | 0 | 0 | 0 |
| 5 | GRADTN | LinStatic | 1,866E-05 | 0 | 0,0007508 | 0 | 0 | 0 |
| 5 | LM71C | LinStatic | -3,494E-07 | 0 | 6,97 | 0 | 0 | 0 |
| 5 | STLM71 | LinStatic | -2,472 | 0 | -5,03 | 0 | 0 | 0 |
| 5 | AVVLM71 | LinStatic | -1,149 | 0 | -4,675 | 0 | 0 | 0 |
| 5 | SW2 | LinStatic | -2,74E-07 | 0 | 5,465 | 0 | 0 | 0 |
| 5 | STSW2 | LinStatic | -1,938 | 0 | -3,943 | -1,938 | 0 | 0 |
| 5 | FRENSW2 | LinStatic | -1,219 | 0 | -4,96 | 0 | 0 | 0 |
| 5 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | INCRTER | LinStatic | -2,205 | 0 | -4,486 | 0 | 0 | 0 |
| 5 | LM71SISO | LinStatic | -0,432 | 0 | -1,758 | 0 | 0 | 0 |
| 5 | SW2SISO | LinStatic | -0,338 | 0 | -1,375 | 0 | 0 | 0 |
| 5 | SISMAO | LinStatic | -1,335 | 0 | -4,471 | 0 | 0 | 0 |
| 5 | LM71SVA | LinStatic | 1,04E-08 | 0 | -0,207 | 0 | 0 | 0 |
| 5 | SW2SVA | LinStatic | 8,187E-09 | 0 | -0,163 | 0 | 0 | 0 |
| 5 | SISMAVA | LinStatic | 1,39E-06 | 0 | -0,737 | 0 | 0 | 0 |
| 5 | LM71SVB | LinStatic | -1,04E-08 | 0 | 0,207 | 0 | 0 | 0 |
| 5 | SW2SVB | LinStatic | -8,187E-09 | 0 | 0,163 | 0 | 0 | 0 |
| 5 | SISMAVB | LinStatic | -1,39E-06 | 0 | 0,737 | 0 | 0 | 0 |
| 6 | PP | LinStatic | -8,077E-06 | 0 | 3,5 | 0 | 0 | 0 |
| 6 | REINTSUP | LinStatic | -3,164E-08 | 0 | 0,72 | 0 | 0 | 0 |
| 6 | BALLAST | LinStatic | -7,032E-08 | 0 | 1,601 | 0 | 0 | 0 |
| 6 | STERRASX | LinStatic | -2,09 | 0 | -3,123 | 0 | 0 | 0 |
| 6 | STERRADX | LinStatic | 2,089 | 0 | 3,123 | 0 | 0 | 0 |
| 6 | TERMP | LinStatic | 4,832E-06 | 0 | 0,0001104 | 0 | 0 | 0 |
| 6 | TERMN | LinStatic | -1,45E-05 | 0 | -0,0003313 | 0 | 0 | 0 |

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|-------|------------|-----------|------------|----|------------|--------|------|------|
| | | | KN | KN | KN | KN-m | KN-m | KN-m |
| 6 | GRADTP | LinStatic | -1,633E-05 | 0 | -0,0001183 | 0 | 0 | 0 |
| 6 | GRADTN | LinStatic | 1,633E-05 | 0 | 0,0001183 | 0 | 0 | 0 |
| 6 | LM71C | LinStatic | -3,058E-07 | 0 | 6,961 | 0 | 0 | 0 |
| 6 | STLM71 | LinStatic | -2,472 | 0 | -4,398 | 0 | 0 | 0 |
| 6 | AVVLM71 | LinStatic | -1,149 | 0 | -4,089 | 0 | 0 | 0 |
| 6 | SW2 | LinStatic | -2,398E-07 | 0 | 5,458 | 0 | 0 | 0 |
| 6 | STSW2 | LinStatic | -1,938 | 0 | -3,448 | 0 | 0 | 0 |
| 6 | FRENSW2 | LinStatic | -1,219 | 0 | -4,338 | -1,219 | 0 | 0 |
| 6 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | INCRTER | LinStatic | -2,205 | 0 | -3,923 | 0 | 0 | 0 |
| 6 | LM71SISO | LinStatic | -0,432 | 0 | -1,537 | 0 | 0 | 0 |
| 6 | SW2SISO | LinStatic | -0,338 | 0 | -1,203 | 0 | 0 | 0 |
| 6 | SISMAO | LinStatic | -1,335 | 0 | -3,911 | 0 | 0 | 0 |
| 6 | LM71SVA | LinStatic | 9,098E-09 | 0 | -0,207 | 0 | 0 | 0 |
| 6 | SW2SVA | LinStatic | 7,164E-09 | 0 | -0,163 | 0 | 0 | 0 |
| 6 | SISMAVA | LinStatic | 1,217E-06 | 0 | -0,736 | 0 | 0 | 0 |
| 6 | LM71SVB | LinStatic | -9,098E-09 | 0 | 0,207 | 0 | 0 | 0 |
| 6 | SW2SVB | LinStatic | -7,164E-09 | 0 | 0,163 | 0 | 0 | 0 |
| 6 | SISMAVB | LinStatic | -1,217E-06 | 0 | 0,736 | 0 | 0 | 0 |
| 7 | PP | LinStatic | -6,923E-06 | 0 | 3,498 | 0 | 0 | 0 |
| 7 | REINTSUP | LinStatic | -2,712E-08 | 0 | 0,72 | 0 | 0 | 0 |
| 7 | BALLAST | LinStatic | -6,028E-08 | 0 | 1,599 | 0 | 0 | 0 |
| 7 | STERRASX | LinStatic | -2,09 | 0 | -2,675 | -2,09 | 0 | 0 |
| 7 | STERRADX | LinStatic | 2,089 | 0 | 2,676 | 0 | 0 | 0 |
| 7 | TERMP | LinStatic | 4,142E-06 | 0 | -0,0004013 | 0 | 0 | 0 |
| 7 | TERMN | LinStatic | -1,243E-05 | 0 | 0,001204 | 0 | 0 | 0 |
| 7 | GRADTP | LinStatic | -1,399E-05 | 0 | 0,0004298 | 0 | 0 | 0 |
| 7 | GRADTN | LinStatic | 1,399E-05 | 0 | -0,0004298 | 0 | 0 | 0 |
| 7 | LM71C | LinStatic | -2,621E-07 | 0 | 6,953 | 0 | 0 | 0 |
| 7 | STLM71 | LinStatic | -2,472 | 0 | -3,767 | 0 | 0 | 0 |
| 7 | AVVLM71 | LinStatic | -1,149 | 0 | -3,503 | 0 | 0 | 0 |
| 7 | SW2 | LinStatic | -2,055E-07 | 0 | 5,452 | 0 | 0 | 0 |
| 7 | STSW2 | LinStatic | -1,938 | 0 | -2,953 | 0 | 0 | 0 |
| 7 | FRENSW2 | LinStatic | -1,219 | 0 | -3,717 | -1,219 | 0 | 0 |
| 7 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | INCRTER | LinStatic | -2,205 | 0 | -3,36 | 0 | 0 | 0 |
| 7 | LM71SISO | LinStatic | -0,432 | 0 | -1,317 | 0 | 0 | 0 |
| 7 | SW2SISO | LinStatic | -0,338 | 0 | -1,03 | 0 | 0 | 0 |
| 7 | SISMAO | LinStatic | -1,335 | 0 | -3,351 | 0 | 0 | 0 |
| 7 | LM71SVA | LinStatic | 7,798E-09 | 0 | -0,207 | 0 | 0 | 0 |
| 7 | SW2SVA | LinStatic | 6,141E-09 | 0 | -0,163 | 0 | 0 | 0 |
| 7 | SISMAVA | LinStatic | 1,043E-06 | 0 | -0,736 | 0 | 0 | 0 |
| 7 | LM71SVB | LinStatic | -7,798E-09 | 0 | 0,207 | 0 | 0 | 0 |
| 7 | SW2SVB | LinStatic | -6,141E-09 | 0 | 0,163 | 0 | 0 | 0 |
| 7 | SISMAVB | LinStatic | -1,043E-06 | 0 | 0,736 | 0 | 0 | 0 |
| 8 | PP | LinStatic | -5,769E-06 | 0 | 3,495 | 0 | 0 | 0 |
| 8 | REINTSUP | LinStatic | -2,26E-08 | 0 | 0,719 | 0 | 0 | 0 |
| 8 | BALLAST | LinStatic | -5,023E-08 | 0 | 1,597 | 0 | 0 | 0 |
| 8 | STERRASX | LinStatic | -2,09 | 0 | -2,227 | -2,09 | 0 | 0 |
| 8 | STERRADX | LinStatic | 2,089 | 0 | 2,23 | 0 | 0 | 0 |
| 8 | TERMP | LinStatic | 3,451E-06 | 0 | -0,0008342 | 0 | 0 | 0 |
| 8 | TERMN | LinStatic | -1,035E-05 | 0 | 0,002503 | 0 | 0 | 0 |
| 8 | GRADTP | LinStatic | -1,166E-05 | 0 | 0,0008935 | 0 | 0 | 0 |
| 8 | GRADTN | LinStatic | 1,166E-05 | 0 | -0,0008935 | 0 | 0 | 0 |
| 8 | LM71C | LinStatic | -2,184E-07 | 0 | 6,945 | 0 | 0 | 0 |
| 8 | STLM71 | LinStatic | -2,472 | 0 | -3,137 | 0 | 0 | 0 |
| 8 | AVVLM71 | LinStatic | -1,149 | 0 | -2,918 | 0 | 0 | 0 |
| 8 | SW2 | LinStatic | -1,713E-07 | 0 | 5,446 | 0 | 0 | 0 |
| 8 | STSW2 | LinStatic | -1,938 | 0 | -2,459 | 0 | 0 | 0 |
| 8 | FRENSW2 | LinStatic | -1,219 | 0 | -3,096 | -1,219 | 0 | 0 |
| 8 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 8 | INCRTER | LinStatic | -2,205 | 0 | -2,798 | 0 | 0 | 0 |
| 8 | LM71SISO | LinStatic | -0,432 | 0 | -1,097 | 0 | 0 | 0 |
| 8 | SW2SISO | LinStatic | -0,338 | 0 | -0,858 | 0 | 0 | 0 |
| 8 | SISMAO | LinStatic | -1,335 | 0 | -2,791 | 0 | 0 | 0 |
| 8 | LM71SVA | LinStatic | 6,498E-09 | 0 | -0,207 | 0 | 0 | 0 |
| 8 | SW2SVA | LinStatic | 5,117E-09 | 0 | -0,163 | 0 | 0 | 0 |
| 8 | SISMAVA | LinStatic | 8,69E-07 | 0 | -0,735 | 0 | 0 | 0 |

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|-------|------------|-----------|------------|----|-----------|------|------|------|
| | | | KN | KN | KN | KN-m | KN-m | KN-m |
| 8 | LM71SVB | LinStatic | -6,498E-09 | 0 | 0,207 | 0 | 0 | 0 |
| 8 | SW2SVB | LinStatic | -5,117E-09 | 0 | 0,163 | 0 | 0 | 0 |
| 8 | SISMAVB | LinStatic | -8,69E-07 | 0 | 0,735 | 0 | 0 | 0 |
| 9 | PP | LinStatic | -4,615E-06 | 0 | 3,493 | 0 | 0 | 0 |
| 9 | REINTSUP | LinStatic | -1,808E-08 | 0 | 0,718 | 0 | 0 | 0 |
| 9 | BALLAST | LinStatic | -4,018E-08 | 0 | 1,596 | 0 | 0 | 0 |
| 9 | STERRASX | LinStatic | -2,09 | 0 | -1,781 | 0 | 0 | 0 |
| 9 | STERRADX | LinStatic | 2,089 | 0 | 1,784 | 0 | 0 | 0 |
| 9 | TERMP | LinStatic | 2,761E-06 | 0 | -0,001188 | 0 | 0 | 0 |
| 9 | TERMN | LinStatic | -8,283E-06 | 0 | 0,003565 | 0 | 0 | 0 |
| 9 | GRADTP | LinStatic | -9,329E-06 | 0 | 0,001273 | 0 | 0 | 0 |
| 9 | GRADTN | LinStatic | 9,329E-06 | 0 | -0,001273 | 0 | 0 | 0 |
| 9 | LM71C | LinStatic | -1,747E-07 | 0 | 6,939 | 0 | 0 | 0 |
| 9 | STLM71 | LinStatic | -2,472 | 0 | -2,508 | 0 | 0 | 0 |
| 9 | AVVLM71 | LinStatic | -1,149 | 0 | -2,334 | 0 | 0 | 0 |
| 9 | SW2 | LinStatic | -1,37E-07 | 0 | 5,441 | 0 | 0 | 0 |
| 9 | STSW2 | LinStatic | -1,938 | 0 | -1,966 | 0 | 0 | 0 |
| 9 | FRENSW2 | LinStatic | -1,219 | 0 | -2,476 | 0 | 0 | 0 |
| 9 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 9 | INCRTER | LinStatic | -2,205 | 0 | -2,237 | 0 | 0 | 0 |
| 9 | LM71SISO | LinStatic | -0,432 | 0 | -0,877 | 0 | 0 | 0 |
| 9 | SW2SISO | LinStatic | -0,338 | 0 | -0,687 | 0 | 0 | 0 |
| 9 | SISMAO | LinStatic | -1,335 | 0 | -2,232 | 0 | 0 | 0 |
| 9 | LM71SVA | LinStatic | 5,199E-09 | 0 | -0,206 | 0 | 0 | 0 |
| 9 | SW2SVA | LinStatic | 4,094E-09 | 0 | -0,163 | 0 | 0 | 0 |
| 9 | SISMAVA | LinStatic | 6,952E-07 | 0 | -0,734 | 0 | 0 | 0 |
| 9 | LM71SVB | LinStatic | -5,199E-09 | 0 | 0,206 | 0 | 0 | 0 |
| 9 | SW2SVB | LinStatic | -4,094E-09 | 0 | 0,163 | 0 | 0 | 0 |
| 9 | SISMAVB | LinStatic | -6,952E-07 | 0 | 0,734 | 0 | 0 | 0 |
| 10 | PP | LinStatic | -3,461E-06 | 0 | 3,491 | 0 | 0 | 0 |
| 10 | REINTSUP | LinStatic | -1,356E-08 | 0 | 0,718 | 0 | 0 | 0 |
| 10 | BALLAST | LinStatic | -3,014E-08 | 0 | 1,595 | 0 | 0 | 0 |
| 10 | STERRASX | LinStatic | -2,09 | 0 | -1,334 | 0 | 0 | 0 |
| 10 | STERRADX | LinStatic | 2,089 | 0 | 1,338 | 0 | 0 | 0 |
| 10 | TERMP | LinStatic | 2,071E-06 | 0 | -0,001464 | 0 | 0 | 0 |
| 10 | TERMN | LinStatic | -6,213E-06 | 0 | 0,004391 | 0 | 0 | 0 |
| 10 | GRADTP | LinStatic | -6,997E-06 | 0 | 0,001568 | 0 | 0 | 0 |
| 10 | GRADTN | LinStatic | 6,997E-06 | 0 | -0,001568 | 0 | 0 | 0 |
| 10 | LM71C | LinStatic | -1,31E-07 | 0 | 6,934 | 0 | 0 | 0 |
| 10 | STLM71 | LinStatic | -2,472 | 0 | -1,88 | 0 | 0 | 0 |
| 10 | AVVLM71 | LinStatic | -1,149 | 0 | -1,75 | 0 | 0 | 0 |
| 10 | SW2 | LinStatic | -1,027E-07 | 0 | 5,437 | 0 | 0 | 0 |
| 10 | STSW2 | LinStatic | -1,938 | 0 | -1,474 | 0 | 0 | 0 |
| 10 | FRENSW2 | LinStatic | -1,219 | 0 | -1,857 | 0 | 0 | 0 |
| 10 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | INCRTER | LinStatic | -2,205 | 0 | -1,677 | 0 | 0 | 0 |
| 10 | LM71SISO | LinStatic | -0,432 | 0 | -0,658 | 0 | 0 | 0 |
| 10 | SW2SISO | LinStatic | -0,338 | 0 | -0,515 | 0 | 0 | 0 |
| 10 | SISMAO | LinStatic | -1,335 | 0 | -1,674 | 0 | 0 | 0 |
| 10 | LM71SVA | LinStatic | 3,899E-09 | 0 | -0,206 | 0 | 0 | 0 |
| 10 | SW2SVA | LinStatic | 3,07E-09 | 0 | -0,162 | 0 | 0 | 0 |
| 10 | SISMAVA | LinStatic | 5,214E-07 | 0 | -0,734 | 0 | 0 | 0 |
| 10 | LM71SVB | LinStatic | -3,899E-09 | 0 | 0,206 | 0 | 0 | 0 |
| 10 | SW2SVB | LinStatic | -3,07E-09 | 0 | 0,162 | 0 | 0 | 0 |
| 10 | SISMAVB | LinStatic | -5,214E-07 | 0 | 0,734 | 0 | 0 | 0 |
| 11 | PP | LinStatic | -2,308E-06 | 0 | 3,49 | 0 | 0 | 0 |
| 11 | REINTSUP | LinStatic | -9,041E-09 | 0 | 0,717 | 0 | 0 | 0 |
| 11 | BALLAST | LinStatic | -2,009E-08 | 0 | 1,594 | 0 | 0 | 0 |
| 11 | STERRASX | LinStatic | -2,09 | 0 | -0,888 | 0 | 0 | 0 |
| 11 | STERRADX | LinStatic | 2,089 | 0 | 0,893 | 0 | 0 | 0 |
| 11 | TERMP | LinStatic | 1,381E-06 | 0 | -0,00166 | 0 | 0 | 0 |
| 11 | TERMN | LinStatic | -4,142E-06 | 0 | 0,004981 | 0 | 0 | 0 |
| 11 | GRADTP | LinStatic | -4,664E-06 | 0 | 0,001778 | 0 | 0 | 0 |
| 11 | GRADTN | LinStatic | 4,664E-06 | 0 | -0,001778 | 0 | 0 | 0 |
| 11 | LM71C | LinStatic | -8,736E-08 | 0 | 6,93 | 0 | 0 | 0 |
| 11 | STLM71 | LinStatic | -2,472 | 0 | -1,252 | 0 | 0 | 0 |
| 11 | AVVLM71 | LinStatic | -1,149 | 0 | -1,166 | 0 | 0 | 0 |
| 11 | SW2 | LinStatic | -6,85E-08 | 0 | 5,434 | 0 | 0 | 0 |

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|-------|------------|-----------|------------|----|------------|------|------|------|
| | | | KN | KN | KN | KN-m | KN-m | KN-m |
| 11 | STSW2 | LinStatic | -1,938 | 0 | -0,981 | 0 | 0 | 0 |
| 11 | FRENSW2 | LinStatic | -1,219 | 0 | -1,237 | 0 | 0 | 0 |
| 11 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | INCRTER | LinStatic | -2,205 | 0 | -1,117 | 0 | 0 | 0 |
| 11 | LM71SISO | LinStatic | -0,432 | 0 | -0,439 | 0 | 0 | 0 |
| 11 | SW2SISO | LinStatic | -0,338 | 0 | -0,343 | 0 | 0 | 0 |
| 11 | SISMAO | LinStatic | -1,335 | 0 | -1,116 | 0 | 0 | 0 |
| 11 | LM71SVA | LinStatic | 2,599E-09 | 0 | -0,206 | 0 | 0 | 0 |
| 11 | SW2SVA | LinStatic | 2,047E-09 | 0 | -0,162 | 0 | 0 | 0 |
| 11 | SISMAVA | LinStatic | 3,476E-07 | 0 | -0,733 | 0 | 0 | 0 |
| 11 | LM71SVB | LinStatic | -2,599E-09 | 0 | 0,206 | 0 | 0 | 0 |
| 11 | SW2SVB | LinStatic | -2,047E-09 | 0 | 0,162 | 0 | 0 | 0 |
| 11 | SISMAVB | LinStatic | -3,476E-07 | 0 | 0,733 | 0 | 0 | 0 |
| 12 | PP | LinStatic | -1,154E-06 | 0 | 3,489 | 0 | 0 | 0 |
| 12 | REINTSUP | LinStatic | -4,521E-09 | 0 | 0,717 | 0 | 0 | 0 |
| 12 | BALLAST | LinStatic | -1,005E-08 | 0 | 1,593 | 0 | 0 | 0 |
| 12 | STERRASX | LinStatic | -2,09 | 0 | -0,443 | 0 | 0 | 0 |
| 12 | STERRADX | LinStatic | 2,089 | 0 | 0,448 | 0 | 0 | 0 |
| 12 | TERMP | LinStatic | 6,903E-07 | 0 | -0,001778 | 0 | 0 | 0 |
| 12 | TERMN | LinStatic | -2,071E-06 | 0 | 0,005335 | 0 | 0 | 0 |
| 12 | GRADTP | LinStatic | -2,332E-06 | 0 | 0,001905 | 0 | 0 | 0 |
| 12 | GRADTN | LinStatic | 2,332E-06 | 0 | -0,001905 | 0 | 0 | 0 |
| 12 | LM71C | LinStatic | -4,368E-08 | 0 | 6,928 | 0 | 0 | 0 |
| 12 | STLM71 | LinStatic | -2,472 | 0 | -0,624 | 0 | 0 | 0 |
| 12 | AVVLM71 | LinStatic | -1,149 | 0 | -0,583 | 0 | 0 | 0 |
| 12 | SW2 | LinStatic | -3,425E-08 | 0 | 5,432 | 0 | 0 | 0 |
| 12 | STSW2 | LinStatic | -1,938 | 0 | -0,489 | 0 | 0 | 0 |
| 12 | FRENSW2 | LinStatic | -1,219 | 0 | -0,619 | 0 | 0 | 0 |
| 12 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | INCRTER | LinStatic | -2,205 | 0 | -0,557 | 0 | 0 | 0 |
| 12 | LM71SISO | LinStatic | -0,432 | 0 | -0,219 | 0 | 0 | 0 |
| 12 | SW2SISO | LinStatic | -0,338 | 0 | -0,172 | 0 | 0 | 0 |
| 12 | SISMAO | LinStatic | -1,335 | 0 | -0,558 | 0 | 0 | 0 |
| 12 | LM71SVA | LinStatic | 1,3E-09 | 0 | -0,206 | 0 | 0 | 0 |
| 12 | SW2SVA | LinStatic | 1,023E-09 | 0 | -0,162 | 0 | 0 | 0 |
| 12 | SISMAVA | LinStatic | 1,738E-07 | 0 | -0,733 | 0 | 0 | 0 |
| 12 | LM71SVB | LinStatic | -1,3E-09 | 0 | 0,206 | 0 | 0 | 0 |
| 12 | SW2SVB | LinStatic | -1,023E-09 | 0 | 0,162 | 0 | 0 | 0 |
| 12 | SISMAVB | LinStatic | -1,738E-07 | 0 | 0,733 | 0 | 0 | 0 |
| 13 | PP | LinStatic | 1,959E-14 | 0 | 3,489 | 0 | 0 | 0 |
| 13 | REINTSUP | LinStatic | 4,083E-15 | 0 | 0,717 | 0 | 0 | 0 |
| 13 | BALLAST | LinStatic | 9,02E-15 | 0 | 1,593 | 0 | 0 | 0 |
| 13 | STERRASX | LinStatic | -2,089 | 0 | 0,002524 | 0 | 0 | 0 |
| 13 | STERRADX | LinStatic | 2,089 | 0 | 0,002524 | 0 | 0 | 0 |
| 13 | TERMP | LinStatic | 4,621E-14 | 0 | -0,001818 | 0 | 0 | 0 |
| 13 | TERMN | LinStatic | -1,213E-13 | 0 | 0,005453 | 0 | 0 | 0 |
| 13 | GRADTP | LinStatic | 8,67E-16 | 0 | 0,001947 | 0 | 0 | 0 |
| 13 | GRADTN | LinStatic | -8,67E-16 | 0 | -0,001947 | 0 | 0 | 0 |
| 13 | LM71C | LinStatic | 3,941E-14 | 0 | 6,927 | 0 | 0 | 0 |
| 13 | STLM71 | LinStatic | -2,472 | 0 | 0,002866 | 0 | 0 | 0 |
| 13 | AVVLM71 | LinStatic | -1,149 | 0 | -3E-11 | 0 | 0 | 0 |
| 13 | SW2 | LinStatic | 3,078E-14 | 0 | 5,432 | 0 | 0 | 0 |
| 13 | STSW2 | LinStatic | -1,938 | 0 | 0,002247 | 0 | 0 | 0 |
| 13 | FRENSW2 | LinStatic | -1,219 | 0 | -3,182E-11 | 0 | 0 | 0 |
| 13 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | INCRTER | LinStatic | -2,205 | 0 | 0,002556 | 0 | 0 | 0 |
| 13 | LM71SISO | LinStatic | -0,432 | 0 | -1,128E-11 | 0 | 0 | 0 |
| 13 | SW2SISO | LinStatic | -0,338 | 0 | -8,824E-12 | 0 | 0 | 0 |
| 13 | SISMAO | LinStatic | -1,335 | 0 | -2,87E-11 | 0 | 0 | 0 |
| 13 | LM71SVA | LinStatic | -1,171E-15 | 0 | -0,206 | 0 | 0 | 0 |
| 13 | SW2SVA | LinStatic | -9,211E-16 | 0 | -0,162 | 0 | 0 | 0 |
| 13 | SISMAVA | LinStatic | -4,214E-15 | 0 | -0,733 | 0 | 0 | 0 |
| 13 | LM71SVB | LinStatic | 1,171E-15 | 0 | 0,206 | 0 | 0 | 0 |
| 13 | SW2SVB | LinStatic | 9,211E-16 | 0 | 0,162 | 0 | 0 | 0 |
| 13 | SISMAVB | LinStatic | 4,214E-15 | 0 | 0,733 | 0 | 0 | 0 |
| 14 | PP | LinStatic | 1,154E-06 | 0 | 3,489 | 0 | 0 | 0 |
| 14 | REINTSUP | LinStatic | 4,521E-09 | 0 | 0,717 | 0 | 0 | 0 |
| 14 | BALLAST | LinStatic | 1,005E-08 | 0 | 1,593 | 0 | 0 | 0 |

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Table: Joint Reactions

| Joint | OutputCase | CaseType | F1 | F2 | F3 | M1 | M2 | M3 |
|-------|------------|-----------|------------|----|-----------|--------|------|------|
| | | | KN | KN | KN | KN-m | KN-m | KN-m |
| 14 | STERRASX | LinStatic | -2,089 | 0 | 0,448 | 0 | 0 | 0 |
| 14 | STERRADX | LinStatic | 2,09 | 0 | -0,443 | 0 | 0 | 0 |
| 14 | TERMP | LinStatic | -6,903E-07 | 0 | -0,001778 | 0 | 0 | 0 |
| 14 | TERMN | LinStatic | 2,071E-06 | 0 | 0,005335 | 0 | 0 | 0 |
| 14 | GRADTP | LinStatic | 2,332E-06 | 0 | 0,001905 | 0 | 0 | 0 |
| 14 | GRADTN | LinStatic | -2,332E-06 | 0 | -0,001905 | 0 | 0 | 0 |
| 14 | LM71C | LinStatic | 4,368E-08 | 0 | 6,928 | 0 | 0 | 0 |
| 14 | STLM71 | LinStatic | -2,472 | 0 | 0,63 | -2 | 0 | 0 |
| 14 | AVVLM71 | LinStatic | -1,149 | 0 | 0,583 | 0 | 0 | 0 |
| 14 | SW2 | LinStatic | 3,425E-08 | 0 | 5,432 | 0 | 0 | 0 |
| 14 | STSW2 | LinStatic | -1,938 | 0 | 0,494 | 0 | 0 | 0 |
| 14 | FRENSW2 | LinStatic | -1,219 | 0 | 0,619 | 0 | 0 | 0 |
| 14 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | INCRTER | LinStatic | -2,205 | 0 | 0,562 | 0 | 0 | 0 |
| 14 | LM71SISO | LinStatic | -0,432 | 0 | 0,219 | 0 | 0 | 0 |
| 14 | SW2SISO | LinStatic | -0,338 | 0 | 0,172 | 0 | 0 | 0 |
| 14 | SISMAO | LinStatic | -1,335 | 0 | 0,558 | -1 | 0 | 0 |
| 14 | LM71SVA | LinStatic | -1,3E-09 | 0 | -0,206 | 0 | 0 | 0 |
| 14 | SW2SVA | LinStatic | -1,023E-09 | 0 | -0,162 | 0 | 0 | 0 |
| 14 | SISMAVA | LinStatic | -1,738E-07 | 0 | -0,733 | 0 | 0 | 0 |
| 14 | LM71SVB | LinStatic | 1,3E-09 | 0 | 0,206 | 1,3E | 0 | 0 |
| 14 | SW2SVB | LinStatic | 1,023E-09 | 0 | 0,162 | 0 | 0 | 0 |
| 14 | SISMAVB | LinStatic | 1,738E-07 | 0 | 0,733 | 0 | 0 | 0 |
| 15 | PP | LinStatic | 2,308E-06 | 0 | 3,49 | 0 | 0 | 0 |
| 15 | REINTSUP | LinStatic | 9,041E-09 | 0 | 0,717 | 0 | 0 | 0 |
| 15 | BALLAST | LinStatic | 2,009E-08 | 0 | 1,594 | 0 | 0 | 0 |
| 15 | STERRASX | LinStatic | -2,089 | 0 | 0,893 | 0 | 0 | 0 |
| 15 | STERRADX | LinStatic | 2,09 | 0 | -0,888 | 0 | 0 | 0 |
| 15 | TERMP | LinStatic | -1,381E-06 | 0 | -0,00166 | 0 | 0 | 0 |
| 15 | TERMN | LinStatic | 4,142E-06 | 0 | 0,004981 | 0 | 0 | 0 |
| 15 | GRADTP | LinStatic | 4,664E-06 | 0 | 0,001778 | 0 | 0 | 0 |
| 15 | GRADTN | LinStatic | -4,664E-06 | 0 | -0,001778 | 0 | 0 | 0 |
| 15 | LM71C | LinStatic | 8,736E-08 | 0 | 6,93 | 0 | 0 | 0 |
| 15 | STLM71 | LinStatic | -2,472 | 0 | 1,257 | -2,472 | 0 | 0 |
| 15 | AVVLM71 | LinStatic | -1,149 | 0 | 1,166 | 0 | 0 | 0 |
| 15 | SW2 | LinStatic | 6,85E-08 | 0 | 5,434 | 0 | 0 | 0 |
| 15 | STSW2 | LinStatic | -1,938 | 0 | 0,985 | 0 | 0 | 0 |
| 15 | FRENSW2 | LinStatic | -1,219 | 0 | 1,237 | 0 | 0 | 0 |
| 15 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 15 | INCRTER | LinStatic | -2,205 | 0 | 1,121 | 0 | 0 | 0 |
| 15 | LM71SISO | LinStatic | -0,432 | 0 | 0,439 | 0 | 0 | 0 |
| 15 | SW2SISO | LinStatic | -0,338 | 0 | 0,343 | 0 | 0 | 0 |
| 15 | SISMAO | LinStatic | -1,335 | 0 | 1,116 | 0 | 0 | 0 |
| 15 | LM71SVA | LinStatic | -2,599E-09 | 0 | -0,206 | 0 | 0 | 0 |
| 15 | SW2SVA | LinStatic | -2,047E-09 | 0 | -0,162 | 0 | 0 | 0 |
| 15 | SISMAVA | LinStatic | -3,476E-07 | 0 | -0,733 | 0 | 0 | 0 |
| 15 | LM71SVB | LinStatic | 2,599E-09 | 0 | 0,206 | 0 | 0 | 0 |
| 15 | SW2SVB | LinStatic | 2,047E-09 | 0 | 0,162 | 0 | 0 | 0 |
| 15 | SISMAVB | LinStatic | 3,476E-07 | 0 | 0,733 | 0 | 0 | 0 |
| 16 | PP | LinStatic | 3,461E-06 | 0 | 3,491 | 0 | 0 | 0 |
| 16 | REINTSUP | LinStatic | 1,356E-08 | 0 | 0,718 | 0 | 0 | 0 |
| 16 | BALLAST | LinStatic | 3,014E-08 | 0 | 1,595 | 0 | 0 | 0 |
| 16 | STERRASX | LinStatic | -2,089 | 0 | 1,338 | 0 | 0 | 0 |
| 16 | STERRADX | LinStatic | 2,09 | 0 | -1,334 | 0 | 0 | 0 |
| 16 | TERMP | LinStatic | -2,071E-06 | 0 | -0,001464 | 0 | 0 | 0 |
| 16 | TERMN | LinStatic | 6,213E-06 | 0 | 0,004391 | 0 | 0 | 0 |
| 16 | GRADTP | LinStatic | 6,997E-06 | 0 | 0,001568 | 0 | 0 | 0 |
| 16 | GRADTN | LinStatic | -6,997E-06 | 0 | -0,001568 | 0 | 0 | 0 |
| 16 | LM71C | LinStatic | 1,31E-07 | 0 | 6,934 | 0 | 0 | 0 |
| 16 | STLM71 | LinStatic | -2,472 | 0 | 1,884 | 0 | 0 | 0 |
| 16 | AVVLM71 | LinStatic | -1,149 | 0 | 1,75 | 0 | 0 | 0 |
| 16 | SW2 | LinStatic | 1,028E-07 | 0 | 5,437 | 0 | 0 | 0 |
| 16 | STSW2 | LinStatic | -1,938 | 0 | 1,477 | 0 | 0 | 0 |
| 16 | FRENSW2 | LinStatic | -1,219 | 0 | 1,857 | 0 | 0 | 0 |
| 16 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | INCRTER | LinStatic | -2,205 | 0 | 1,681 | 0 | 0 | 0 |
| 16 | LM71SISO | LinStatic | -0,432 | 0 | 0,658 | 0 | 0 | 0 |
| 16 | SW2SISO | LinStatic | -0,338 | 0 | 0,515 | 0 | 0 | 0 |

Table: Joint Reactions

| Joint | OutputCase | CaseType | F1 | F2 | F3 | M1 | M2 | M3 |
|-------|------------|-----------|------------|----|------------|--------|------|------|
| | | | KN | KN | KN | KN-m | KN-m | KN-m |
| 16 | SISMAO | LinStatic | -1,335 | 0 | 1,674 | 0 | 0 | 0 |
| 16 | LM71SVA | LinStatic | -3,899E-09 | 0 | -0,206 | 0 | 0 | 0 |
| 16 | SW2SVA | LinStatic | -3,07E-09 | 0 | -0,162 | 0 | 0 | 0 |
| 16 | SISMAVA | LinStatic | -5,214E-07 | 0 | -0,734 | 0 | 0 | 0 |
| 16 | LM71SVB | LinStatic | 3,899E-09 | 0 | 0,206 | 0 | 0 | 0 |
| 16 | SW2SVB | LinStatic | 3,07E-09 | 0 | 0,162 | 0 | 0 | 0 |
| 16 | SISMAVB | LinStatic | 5,214E-07 | 0 | 0,734 | 0 | 0 | 0 |
| 17 | PP | LinStatic | 4,615E-06 | 0 | 3,493 | 0 | 0 | 0 |
| 17 | REINTSUP | LinStatic | 1,808E-08 | 0 | 0,718 | 0 | 0 | 0 |
| 17 | BALLAST | LinStatic | 4,018E-08 | 0 | 1,596 | 0 | 0 | 0 |
| 17 | STERRASX | LinStatic | -2,089 | 0 | 1,784 | 0 | 0 | 0 |
| 17 | STERRADX | LinStatic | 2,09 | 0 | -1,781 | 0 | 0 | 0 |
| 17 | TERMP | LinStatic | -2,761E-06 | 0 | -0,001188 | 0 | 0 | 0 |
| 17 | TERMN | LinStatic | 8,283E-06 | 0 | 0,003565 | 0 | 0 | 0 |
| 17 | GRADTP | LinStatic | 9,329E-06 | 0 | 0,001273 | 0 | 0 | 0 |
| 17 | GRADTN | LinStatic | -9,329E-06 | 0 | -0,001273 | 0 | 0 | 0 |
| 17 | LM71C | LinStatic | 1,747E-07 | 0 | 6,939 | 0 | 0 | 0 |
| 17 | STLM71 | LinStatic | -2,472 | 0 | 2,512 | 0 | 0 | 0 |
| 17 | AVVLM71 | LinStatic | -1,149 | 0 | 2,334 | -1,149 | 0 | 0 |
| 17 | SW2 | LinStatic | 1,37E-07 | 0 | 5,441 | 0 | 0 | 0 |
| 17 | STSW2 | LinStatic | -1,938 | 0 | 1,969 | -1,938 | 0 | 0 |
| 17 | FRENSW2 | LinStatic | -1,219 | 0 | 2,476 | 0 | 0 | 0 |
| 17 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 17 | INCRTER | LinStatic | -2,205 | 0 | 2,24 | 0 | 0 | 0 |
| 17 | LM71SISO | LinStatic | -0,432 | 0 | 0,877 | 0 | 0 | 0 |
| 17 | SW2SISO | LinStatic | -0,338 | 0 | 0,687 | 0 | 0 | 0 |
| 17 | SISMAO | LinStatic | -1,335 | 0 | 2,232 | 0 | 0 | 0 |
| 17 | LM71SVA | LinStatic | -5,199E-09 | 0 | -0,206 | 0 | 0 | 0 |
| 17 | SW2SVA | LinStatic | -4,094E-09 | 0 | -0,163 | 0 | 0 | 0 |
| 17 | SISMAVA | LinStatic | -6,952E-07 | 0 | -0,734 | 0 | 0 | 0 |
| 17 | LM71SVB | LinStatic | 5,199E-09 | 0 | 0,206 | 0 | 0 | 0 |
| 17 | SW2SVB | LinStatic | 4,094E-09 | 0 | 0,163 | 0 | 0 | 0 |
| 17 | SISMAVB | LinStatic | 6,952E-07 | 0 | 0,734 | 0 | 0 | 0 |
| 18 | PP | LinStatic | 5,769E-06 | 0 | 3,495 | 0 | 0 | 0 |
| 18 | REINTSUP | LinStatic | 2,26E-08 | 0 | 0,719 | 0 | 0 | 0 |
| 18 | BALLAST | LinStatic | 5,023E-08 | 0 | 1,597 | 0 | 0 | 0 |
| 18 | STERRASX | LinStatic | -2,089 | 0 | 2,23 | 0 | 0 | 0 |
| 18 | STERRADX | LinStatic | 2,09 | 0 | -2,227 | 0 | 0 | 0 |
| 18 | TERMP | LinStatic | -3,451E-06 | 0 | -0,0008342 | 0 | 0 | 0 |
| 18 | TERMN | LinStatic | 1,035E-05 | 0 | 0,002503 | 0 | 0 | 0 |
| 18 | GRADTP | LinStatic | 1,166E-05 | 0 | 0,0008935 | 0 | 0 | 0 |
| 18 | GRADTN | LinStatic | -1,166E-05 | 0 | -0,0008935 | 0 | 0 | 0 |
| 18 | LM71C | LinStatic | 2,184E-07 | 0 | 6,945 | 0 | 0 | 0 |
| 18 | STLM71 | LinStatic | -2,472 | 0 | 3,14 | 0 | 0 | 0 |
| 18 | AVVLM71 | LinStatic | -1,149 | 0 | 2,918 | -1,149 | 0 | 0 |
| 18 | SW2 | LinStatic | 1,713E-07 | 0 | 5,446 | 0 | 0 | 0 |
| 18 | STSW2 | LinStatic | -1,938 | 0 | 2,461 | -1,938 | 0 | 0 |
| 18 | FRENSW2 | LinStatic | -1,219 | 0 | 3,096 | 0 | 0 | 0 |
| 18 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 18 | INCRTER | LinStatic | -2,205 | 0 | 2,801 | 0 | 0 | 0 |
| 18 | LM71SISO | LinStatic | -0,432 | 0 | 1,097 | 0 | 0 | 0 |
| 18 | SW2SISO | LinStatic | -0,338 | 0 | 0,858 | 0 | 0 | 0 |
| 18 | SISMAO | LinStatic | -1,335 | 0 | 2,791 | -1,335 | 0 | 0 |
| 18 | LM71SVA | LinStatic | -6,498E-09 | 0 | -0,207 | 0 | 0 | 0 |
| 18 | SW2SVA | LinStatic | -5,117E-09 | 0 | -0,163 | 0 | 0 | 0 |
| 18 | SISMAVA | LinStatic | -8,69E-07 | 0 | -0,735 | 0 | 0 | 0 |
| 18 | LM71SVB | LinStatic | 6,498E-09 | 0 | 0,207 | 0 | 0 | 0 |
| 18 | SW2SVB | LinStatic | 5,117E-09 | 0 | 0,163 | 0 | 0 | 0 |
| 18 | SISMAVB | LinStatic | 8,69E-07 | 0 | 0,735 | 0 | 0 | 0 |
| 19 | PP | LinStatic | 6,923E-06 | 0 | 3,498 | 0 | 0 | 0 |
| 19 | REINTSUP | LinStatic | 2,712E-08 | 0 | 0,72 | 0 | 0 | 0 |
| 19 | BALLAST | LinStatic | 6,028E-08 | 0 | 1,599 | 0 | 0 | 0 |
| 19 | STERRASX | LinStatic | -2,089 | 0 | 2,676 | -2,089 | 0 | 0 |
| 19 | STERRADX | LinStatic | 2,09 | 0 | -2,675 | 0 | 0 | 0 |
| 19 | TERMP | LinStatic | -4,142E-06 | 0 | -0,0004013 | 0 | 0 | 0 |
| 19 | TERMN | LinStatic | 1,243E-05 | 0 | 0,001204 | 0 | 0 | 0 |
| 19 | GRADTP | LinStatic | 1,399E-05 | 0 | 0,0004298 | 0 | 0 | 0 |
| 19 | GRADTN | LinStatic | -1,399E-05 | 0 | -0,0004298 | 0 | 0 | 0 |

Table: Joint Reactions

| Joint | OutputCase | CaseType | F1 | F2 | F3 | M1 | M2 | M3 |
|-------|------------|-----------|------------|----|------------|--------|------|------|
| | | | KN | KN | KN | KN-m | KN-m | KN-m |
| 19 | LM71C | LinStatic | 2,621E-07 | 0 | 6,953 | 0 | 0 | 0 |
| 19 | STLM71 | LinStatic | -2,472 | 0 | 3,768 | 0 | 0 | 0 |
| 19 | AVVLM71 | LinStatic | -1,149 | 0 | 3,503 | 0 | 0 | 0 |
| 19 | SW2 | LinStatic | 2,055E-07 | 0 | 5,452 | 0 | 0 | 0 |
| 19 | STSW2 | LinStatic | -1,938 | 0 | 2,954 | 0 | 0 | 0 |
| 19 | FRENSW2 | LinStatic | -1,219 | 0 | 3,717 | 0 | 0 | 0 |
| 19 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 19 | INCRTER | LinStatic | -2,205 | 0 | 3,361 | 0 | 0 | 0 |
| 19 | LM71SISO | LinStatic | -0,432 | 0 | 1,317 | 0 | 0 | 0 |
| 19 | SW2SISO | LinStatic | -0,338 | 0 | 1,03 | 0 | 0 | 0 |
| 19 | SISMAO | LinStatic | -1,335 | 0 | 3,351 | 0 | 0 | 0 |
| 19 | LM71SVA | LinStatic | -7,798E-09 | 0 | -0,207 | 0 | 0 | 0 |
| 19 | SW2SVA | LinStatic | -6,141E-09 | 0 | -0,163 | 0 | 0 | 0 |
| 19 | SISMAVA | LinStatic | -1,043E-06 | 0 | -0,736 | 0 | 0 | 0 |
| 19 | LM71SVB | LinStatic | 7,798E-09 | 0 | 0,207 | 0 | 0 | 0 |
| 19 | SW2SVB | LinStatic | 6,141E-09 | 0 | 0,163 | 0 | 0 | 0 |
| 19 | SISMAVB | LinStatic | 1,043E-06 | 0 | 0,736 | 0 | 0 | 0 |
| 20 | PP | LinStatic | 8,077E-06 | 0 | 3,5 | 0 | 0 | 0 |
| 20 | REINTSUP | LinStatic | 3,164E-08 | 0 | 0,72 | 0 | 0 | 0 |
| 20 | BALLAST | LinStatic | 7,032E-08 | 0 | 1,601 | 0 | 0 | 0 |
| 20 | STERRASX | LinStatic | -2,089 | 0 | 3,123 | -2,089 | 0 | 0 |
| 20 | STERRADX | LinStatic | 2,09 | 0 | -3,123 | 0 | 0 | 0 |
| 20 | TERMP | LinStatic | -4,832E-06 | 0 | 0,0001104 | 0 | 0 | 0 |
| 20 | TERMN | LinStatic | 1,45E-05 | 0 | -0,0003313 | 0 | 0 | 0 |
| 20 | GRADTP | LinStatic | 1,633E-05 | 0 | -0,0001183 | 0 | 0 | 0 |
| 20 | GRADTN | LinStatic | -1,633E-05 | 0 | 0,0001183 | 0 | 0 | 0 |
| 20 | LM71C | LinStatic | 3,058E-07 | 0 | 6,961 | 0 | 0 | 0 |
| 20 | STLM71 | LinStatic | -2,472 | 0 | 4,397 | 0 | 0 | 0 |
| 20 | AVVLM71 | LinStatic | -1,149 | 0 | 4,089 | 0 | 0 | 0 |
| 20 | SW2 | LinStatic | 2,398E-07 | 0 | 5,458 | 0 | 0 | 0 |
| 20 | STSW2 | LinStatic | -1,938 | 0 | 3,448 | 0 | 0 | 0 |
| 20 | FRENSW2 | LinStatic | -1,219 | 0 | 4,338 | -1,219 | 0 | 0 |
| 20 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 20 | INCRTER | LinStatic | -2,205 | 0 | 3,922 | 0 | 0 | 0 |
| 20 | LM71SISO | LinStatic | -0,432 | 0 | 1,537 | 0 | 0 | 0 |
| 20 | SW2SISO | LinStatic | -0,338 | 0 | 1,203 | 0 | 0 | 0 |
| 20 | SISMAO | LinStatic | -1,335 | 0 | 3,911 | 0 | 0 | 0 |
| 20 | LM71SVA | LinStatic | -9,098E-09 | 0 | -0,207 | 0 | 0 | 0 |
| 20 | SW2SVA | LinStatic | -7,164E-09 | 0 | -0,163 | 0 | 0 | 0 |
| 20 | SISMAVA | LinStatic | -1,217E-06 | 0 | -0,736 | 0 | 0 | 0 |
| 20 | LM71SVB | LinStatic | 9,098E-09 | 0 | 0,207 | 0 | 0 | 0 |
| 20 | SW2SVB | LinStatic | 7,164E-09 | 0 | 0,163 | 0 | 0 | 0 |
| 20 | SISMAVB | LinStatic | 1,217E-06 | 0 | 0,736 | 0 | 0 | 0 |
| 21 | PP | LinStatic | 9,23E-06 | 0 | 3,504 | 0 | 0 | 0 |
| 21 | REINTSUP | LinStatic | 3,617E-08 | 0 | 0,721 | 0 | 0 | 0 |
| 21 | BALLAST | LinStatic | 8,037E-08 | 0 | 1,603 | 0 | 0 | 0 |
| 21 | STERRASX | LinStatic | -2,089 | 0 | 3,57 | -2,089 | 0 | 0 |
| 21 | STERRADX | LinStatic | 2,09 | 0 | -3,572 | 0 | 0 | 0 |
| 21 | TERMP | LinStatic | -5,522E-06 | 0 | 0,000701 | 0 | 0 | 0 |
| 21 | TERMN | LinStatic | 1,657E-05 | 0 | -0,002103 | 0 | 0 | 0 |
| 21 | GRADTP | LinStatic | 1,866E-05 | 0 | -0,0007508 | 0 | 0 | 0 |
| 21 | GRADTN | LinStatic | -1,866E-05 | 0 | 0,0007508 | 0 | 0 | 0 |
| 21 | LM71C | LinStatic | 3,494E-07 | 0 | 6,97 | 0 | 0 | 0 |
| 21 | STLM71 | LinStatic | -2,472 | 0 | 5,027 | 0 | 0 | 0 |
| 21 | AVVLM71 | LinStatic | -1,149 | 0 | 4,675 | 0 | 0 | 0 |
| 21 | SW2 | LinStatic | 2,74E-07 | 0 | 5,465 | 0 | 0 | 0 |
| 21 | STSW2 | LinStatic | -1,938 | 0 | 3,941 | 0 | 0 | 0 |
| 21 | FRENSW2 | LinStatic | -1,219 | 0 | 4,96 | -1,219 | 0 | 0 |
| 21 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 21 | INCRTER | LinStatic | -2,205 | 0 | 4,484 | 0 | 0 | 0 |
| 21 | LM71SISO | LinStatic | -0,432 | 0 | 1,758 | 0 | 0 | 0 |
| 21 | SW2SISO | LinStatic | -0,338 | 0 | 1,375 | 0 | 0 | 0 |
| 21 | SISMAO | LinStatic | -1,335 | 0 | 4,471 | 0 | 0 | 0 |
| 21 | LM71SVA | LinStatic | -1,04E-08 | 0 | -0,207 | 0 | 0 | 0 |
| 21 | SW2SVA | LinStatic | -8,187E-09 | 0 | -0,163 | 0 | 0 | 0 |
| 21 | SISMAVA | LinStatic | -1,39E-06 | 0 | -0,737 | 0 | 0 | 0 |
| 21 | LM71SVB | LinStatic | 1,04E-08 | 0 | 0,207 | 0 | 0 | 0 |
| 21 | SW2SVB | LinStatic | 8,187E-09 | 0 | 0,163 | 0 | 0 | 0 |

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Table: Joint Reactions

| Joint | OutputCase | CaseType | F1 | F2 | F3 | M1 | M2 | M3 |
|-------|------------|-----------|------------|----|-----------|------|------|------|
| | | | KN | KN | KN | KN-m | KN-m | KN-m |
| 21 | SISMAVB | LinStatic | 1,39E-06 | 0 | 0,737 | 0 | 0 | 0 |
| 22 | PP | LinStatic | 1,038E-05 | 0 | 3,507 | 0 | 0 | 0 |
| 22 | REINTSUP | LinStatic | 4,069E-08 | 0 | 0,722 | 0 | 0 | 0 |
| 22 | BALLAST | LinStatic | 9,041E-08 | 0 | 1,605 | 0 | 0 | 0 |
| 22 | STERRASX | LinStatic | -2,089 | 0 | 4,018 | 0 | 0 | 0 |
| 22 | STERRADX | LinStatic | 2,09 | 0 | -4,022 | 0 | 0 | 0 |
| 22 | TERMP | LinStatic | -6,213E-06 | 0 | 0,00137 | 0 | 0 | 0 |
| 22 | TERMN | LinStatic | 1,864E-05 | 0 | -0,004111 | 0 | 0 | 0 |
| 22 | GRADTP | LinStatic | 2,099E-05 | 0 | -0,001468 | 0 | 0 | 0 |
| 22 | GRADTN | LinStatic | -2,099E-05 | 0 | 0,001468 | 0 | 0 | 0 |
| 22 | LM71C | LinStatic | 3,931E-07 | 0 | 6,98 | 0 | 0 | 0 |
| 22 | STLM71 | LinStatic | -2,472 | 0 | 5,658 | 0 | 0 | 0 |
| 22 | AVVLM71 | LinStatic | -1,149 | 0 | 5,262 | 0 | 0 | 0 |
| 22 | SW2 | LinStatic | 3,083E-07 | 0 | 5,473 | 0 | 0 | 0 |
| 22 | STSW2 | LinStatic | -1,938 | 0 | 4,436 | 0 | 0 | 0 |
| 22 | FRENSW2 | LinStatic | -1,219 | 0 | 5,583 | 0 | 0 | 0 |
| 22 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 22 | INCRTER | LinStatic | -2,205 | 0 | 5,047 | 0 | 0 | 0 |
| 22 | LM71SISO | LinStatic | -0,432 | 0 | 1,978 | 0 | 0 | 0 |
| 22 | SW2SISO | LinStatic | -0,338 | 0 | 1,548 | 0 | 0 | 0 |
| 22 | SISMAO | LinStatic | -1,335 | 0 | 5,033 | 0 | 0 | 0 |
| 22 | LM71SVA | LinStatic | -1,17E-08 | 0 | -0,208 | 0 | 0 | 0 |
| 22 | SW2SVA | LinStatic | -9,211E-09 | 0 | -0,164 | 0 | 0 | 0 |
| 22 | SISMAVA | LinStatic | -1,564E-06 | 0 | -0,738 | 0 | 0 | 0 |
| 22 | LM71SVB | LinStatic | 1,17E-08 | 0 | 0,208 | 0 | 0 | 0 |
| 22 | SW2SVB | LinStatic | 9,211E-09 | 0 | 0,164 | 0 | 0 | 0 |
| 22 | SISMAVB | LinStatic | 1,564E-06 | 0 | 0,738 | 0 | 0 | 0 |
| 23 | PP | LinStatic | 1,082E-05 | 0 | 3,291 | 0 | 0 | 0 |
| 23 | REINTSUP | LinStatic | 4,238E-08 | 0 | 0,678 | 0 | 0 | 0 |
| 23 | BALLAST | LinStatic | 9,418E-08 | 0 | 1,507 | 0 | 0 | 0 |
| 23 | STERRASX | LinStatic | -1,959 | 0 | 4,187 | 0 | 0 | 0 |
| 23 | STERRADX | LinStatic | 1,959 | 0 | -4,193 | 0 | 0 | 0 |
| 23 | TERMP | LinStatic | -6,471E-06 | 0 | 0,001986 | 0 | 0 | 0 |
| 23 | TERMN | LinStatic | 1,941E-05 | 0 | -0,005959 | 0 | 0 | 0 |
| 23 | GRADTP | LinStatic | 2,186E-05 | 0 | -0,002128 | 0 | 0 | 0 |
| 23 | GRADTN | LinStatic | -2,186E-05 | 0 | 0,002128 | 0 | 0 | 0 |
| 23 | LM71C | LinStatic | 4,095E-07 | 0 | 6,553 | 0 | 0 | 0 |
| 23 | STLM71 | LinStatic | -2,317 | 0 | 5,897 | 0 | 0 | 0 |
| 23 | AVVLM71 | LinStatic | -1,077 | 0 | 5,484 | 0 | 0 | 0 |
| 23 | SW2 | LinStatic | 3,211E-07 | 0 | 5,138 | 0 | 0 | 0 |
| 23 | STSW2 | LinStatic | -1,817 | 0 | 4,623 | 0 | 0 | 0 |
| 23 | FRENSW2 | LinStatic | -1,143 | 0 | 5,818 | 0 | 0 | 0 |
| 23 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 23 | INCRTER | LinStatic | -2,067 | 0 | 5,26 | 0 | 0 | 0 |
| 23 | LM71SISO | LinStatic | -0,405 | 0 | 2,062 | 0 | 0 | 0 |
| 23 | SW2SISO | LinStatic | -0,317 | 0 | 1,613 | 0 | 0 | 0 |
| 23 | SISMAO | LinStatic | -1,252 | 0 | 5,246 | 0 | 0 | 0 |
| 23 | LM71SVA | LinStatic | -1,218E-08 | 0 | -0,195 | 0 | 0 | 0 |
| 23 | SW2SVA | LinStatic | -9,595E-09 | 0 | -0,154 | 0 | 0 | 0 |
| 23 | SISMAVA | LinStatic | -1,629E-06 | 0 | -0,693 | 0 | 0 | 0 |
| 23 | LM71SVB | LinStatic | 1,218E-08 | 0 | 0,195 | 0 | 0 | 0 |
| 23 | SW2SVB | LinStatic | 9,595E-09 | 0 | 0,154 | 0 | 0 | 0 |
| 23 | SISMAVB | LinStatic | 1,629E-06 | 0 | 0,693 | 0 | 0 | 0 |
| 24 | PP | LinStatic | 1,098E-05 | 0 | 3,074 | 0 | 0 | 0 |
| 24 | REINTSUP | LinStatic | 4,302E-08 | 0 | 0,634 | 0 | 0 | 0 |
| 24 | BALLAST | LinStatic | 9,559E-08 | 0 | 1,408 | 0 | 0 | 0 |
| 24 | STERRASX | LinStatic | -1,828 | 0 | 4,252 | 0 | 0 | 0 |
| 24 | STERRADX | LinStatic | 1,828 | 0 | -4,259 | 0 | 0 | 0 |
| 24 | TERMP | LinStatic | -6,569E-06 | 0 | 0,002484 | 0 | 0 | 0 |
| 24 | TERMN | LinStatic | 1,971E-05 | 0 | -0,007451 | 0 | 0 | 0 |
| 24 | GRADTP | LinStatic | 2,219E-05 | 0 | -0,00266 | 0 | 0 | 0 |
| 24 | GRADTN | LinStatic | -2,219E-05 | 0 | 0,00266 | 0 | 0 | 0 |
| 24 | LM71C | LinStatic | 4,157E-07 | 0 | 6,123 | 0 | 0 | 0 |
| 24 | STLM71 | LinStatic | -2,163 | 0 | 5,988 | 0 | 0 | 0 |
| 24 | AVVLM71 | LinStatic | -1,005 | 0 | 5,569 | 0 | 0 | 0 |
| 24 | SW2 | LinStatic | 3,259E-07 | 0 | 4,801 | 0 | 0 | 0 |
| 24 | STSW2 | LinStatic | -1,696 | 0 | 4,694 | 0 | 0 | 0 |
| 24 | FRENSW2 | LinStatic | -1,067 | 0 | 5,909 | 0 | 0 | 0 |

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Table: Joint Reactions

| Joint | OutputCase | CaseType | F1 KN | F2 KN | F3 KN | M1 KN-m | M2 KN-m | M3 KN-m |
|-------|------------|-----------|------------|----------|-----------|------------|------------|------------|
| 24 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 24 | INCRTER | LinStatic | -1,929 | 0 | 5,341 | 0 | 0 | 0 |
| 24 | LM71SISO | LinStatic | -0,378 | 0 | 2,094 | 0 | 0 | 0 |
| 24 | SW2SISO | LinStatic | -0,296 | 0 | 1,638 | 0 | 0 | 0 |
| 24 | SISMAO | LinStatic | -1,168 | 0 | 5,327 | 0 | 0 | 0 |
| 24 | LM71SVA | LinStatic | -1,237E-08 | 0 | -0,182 | 0 | 0 | 0 |
| 24 | SW2SVA | LinStatic | -9,739E-09 | 0 | -0,143 | 0 | 0 | 0 |
| 24 | SISMAVA | LinStatic | -1,654E-06 | 0 | -0,648 | 0 | 0 | 0 |
| 24 | LM71SVB | LinStatic | 1,237E-08 | 0 | 0,182 | 0 | 0 | 0 |
| 24 | SW2SVB | LinStatic | 9,739E-09 | 0 | 0,143 | 0 | 0 | 0 |
| 24 | SISMAVB | LinStatic | 1,654E-06 | 0 | 0,648 | 0 | 0 | 0 |
| 25 | PP | LinStatic | 5,931E-06 | 0 | 1,538 | 0 | 0 | 0 |
| 25 | REINTSUP | LinStatic | 2,324E-08 | 0 | 0,317 | 0 | 0 | 0 |
| 25 | BALLAST | LinStatic | 5,164E-08 | 0 | 0,705 | 0 | 0 | 0 |
| 25 | STERRASX | LinStatic | -0,914 | 0 | 2,298 | 0 | 0 | 0 |
| 25 | STERRADX | LinStatic | 0,914 | 0 | -2,302 | 0 | 0 | 0 |
| 25 | TERM | LinStatic | -3,549E-06 | 0 | 0,001583 | 0 | 0 | 0 |
| 25 | TERMN | LinStatic | 1,065E-05 | 0 | -0,00475 | 0 | 0 | 0 |
| 25 | GRADTP | LinStatic | 1,199E-05 | 0 | -0,001696 | 0 | 0 | 0 |
| 25 | GRADTN | LinStatic | -1,199E-05 | 0 | 0,001696 | 0 | 0 | 0 |
| 25 | LM71C | LinStatic | 2,245E-07 | 0 | 3,065 | 0 | 0 | 0 |
| 25 | STLM71 | LinStatic | -1,081 | 0 | 3,236 | 0 | 0 | 0 |
| 25 | AVVLM71 | LinStatic | -0,503 | 0 | 3,01 | 0 | 0 | 0 |
| 25 | SW2 | LinStatic | 1,761E-07 | 0 | 2,403 | 0 | 0 | 0 |
| 25 | STSW2 | LinStatic | -0,848 | 0 | 2,537 | 0 | 0 | 0 |
| 25 | FRENSW2 | LinStatic | -0,533 | 0 | 3,194 | 0 | 0 | 0 |
| 25 | SERP | LinStatic | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | INCRTER | LinStatic | -0,965 | 0 | 2,887 | 0 | 0 | 0 |
| 25 | LM71SISO | LinStatic | -0,189 | 0 | 1,132 | 0 | 0 | 0 |
| 25 | SW2SISO | LinStatic | -0,148 | 0 | 0,886 | 0 | 0 | 0 |
| 25 | SISMAO | LinStatic | -0,584 | 0 | 2,879 | 0 | 0 | 0 |
| 25 | LM71SVA | LinStatic | -6,681E-09 | 0 | -0,091 | 0 | 0 | 0 |
| 25 | SW2SVA | LinStatic | -5,261E-09 | 0 | -0,072 | 0 | 0 | 0 |
| 25 | SISMAVA | LinStatic | -8,934E-07 | 0 | -0,324 | 0 | 0 | 0 |
| 25 | LM71SVB | LinStatic | 6,681E-09 | 0 | 0,091 | 0 | 0 | 0 |
| 25 | SW2SVB | LinStatic | 5,261E-09 | 0 | 0,072 | 0 | 0 | 0 |
| 25 | SISMAVB | LinStatic | 8,934E-07 | 0 | 0,324 | 0 | 0 | 0 |

Table: Joint Spring Assignments 1 - Uncoupled

Table: Joint Spring Assignments 1 - Uncoupled

| Joint | CoordSys | U1 KN/m | U2 KN/m | U3 KN/m | R1 KN-m/rad | R2 KN-m/rad | R3 KN-m/rad |
|-------|----------|------------|------------|------------|----------------|----------------|----------------|
| 1 | Local | 21,88 | 21,88 | 218,75 | 0 | 0 | 0 |
| 2 | Local | 43,75 | 43,75 | 437,5 | 0 | 0 | 0 |
| 3 | Local | 46,88 | 46,88 | 468,75 | 0 | 0 | 0 |
| 4 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 5 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 6 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 7 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 8 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 9 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 10 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 11 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 12 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 13 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 14 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 15 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 16 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 17 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 18 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 19 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 20 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 21 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 22 | Local | 50 | 50 | 500 | 0 | 0 | 0 |
| 23 | Local | 46,88 | 46,88 | 468,75 | 0 | 0 | 0 |
| 24 | Local | 43,75 | 43,75 | 437,5 | 0 | 0 | 0 |
| 25 | Local | 21,88 | 21,88 | 218,75 | 0 | 0 | 0 |



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Table: Load Case Definitions, Part 1 of 3

Table: Load Case Definitions, Part 1 of 3

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

Table: Load Case Definitions, Part 2 of 3

Table: Load Case Definitions, Part 2 of 3

| Case | DesActOpt | DesignAct | AutoType | RunCase | CaseStatus | GUID |
|----------|-----------|-----------|----------|---------|------------|------|
| PP | Prog Det | | None | Yes | Finished | |
| REINTSUP | Prog Det | | None | Yes | Finished | |
| BALLAST | Prog Det | | None | Yes | Finished | |
| STERRASX | Prog Det | | None | Yes | Finished | |
| STERRADX | Prog Det | | None | Yes | Finished | |
| TERMP | Prog Det | | None | Yes | Finished | |
| TERMN | Prog Det | | None | Yes | Finished | |
| GRADTP | Prog Det | | None | Yes | Finished | |
| GRADTN | Prog Det | | None | Yes | Finished | |
| LM71C | Prog Det | | None | Yes | Finished | |
| STLM71 | Prog Det | | None | Yes | Finished | |
| AVVLM71 | Prog Det | | None | Yes | Finished | |
| SW2 | Prog Det | | None | Yes | Finished | |
| STSW2 | Prog Det | | None | Yes | Finished | |
| FRENSW2 | Prog Det | | None | Yes | Finished | |
| SERP | Prog Det | | None | Yes | Finished | |
| INCRTER | Prog Det | | None | Yes | Finished | |
| LM71SISO | Prog Det | | None | Yes | Finished | |
| SW2SISO | Prog Det | | None | Yes | Finished | |
| SISMAO | Prog Det | | None | Yes | Finished | |
| LM71SVA | Prog Det | | None | Yes | Finished | |
| SW2SVA | Prog Det | | None | Yes | Finished | |
| SISMAVA | Prog Det | | None | Yes | Finished | |
| LM71SVB | Prog Det | | None | Yes | Finished | |
| SW2SVB | Prog Det | | None | Yes | Finished | |
| SISMAVB | Prog Det | | None | Yes | Finished | |

Table: Load Case Definitions, Part 3 of 3

Table: Load Case Definitions, Part 3 of 3

| Case | Notes |
|----------|-------|
| PP | |
| REINTSUP | |
| BALLAST | |
| STERRASX | |
| STERRADX | |

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Table: Load Case Definitions, Part 3 of 3

| Case | Notes |
|----------|-------|
| TERMP | |
| TERMN | |
| GRADTP | |
| GRADTN | |
| LM71C | |
| STLM71 | |
| AVVLM71 | |
| SW2 | |
| STSW2 | |
| FRENSW2 | |
| SERP | |
| INCRTER | |
| LM71SISO | |
| SW2SISO | |
| SISMAO | |
| LM71SVA | |
| SW2SVA | |
| SISMAVA | |
| LM71SVB | |
| SW2SVB | |
| SISMAVB | |

Table: Load Pattern Definitions

Table: Load Pattern Definitions

| LoadPat | DesignType | SelfWtMult | AutoLoad | GUID | Notes |
|----------|------------|------------|----------|------|-------|
| PP | Dead | 1 | | | |
| REINTSUP | Live | 0 | | | |
| BALLAST | Live | 0 | | | |
| STERRASX | Live | 0 | | | |
| STERRADX | Live | 0 | | | |
| TERMP | Live | 0 | | | |
| TERMN | Live | 0 | | | |
| GRADTP | Live | 0 | | | |
| GRADTN | Live | 0 | | | |
| LM71C | Live | 0 | | | |
| STLM71 | Live | 0 | | | |
| AVVLM71 | Live | 0 | | | |
| SW2 | Live | 0 | | | |
| STSW2 | Live | 0 | | | |
| FRENSW2 | Live | 0 | | | |
| SERP | Live | 0 | | | |
| INCRTER | Live | 0 | | | |
| LM71SISO | Live | 0 | | | |
| SW2SISO | Live | 0 | | | |
| SISMAO | Live | 0 | | | |
| LM71SVA | Live | 0 | | | |
| SW2SVA | Live | 0 | | | |
| SISMAVA | Live | 0 | | | |
| LM71SVB | Live | 0 | | | |
| SW2SVB | Live | 0 | | | |
| SISMAVB | Live | 0 | | | |

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

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

| Material | Type | SymType | TempDepend | Color | GUID |
|----------|----------|-----------|------------|-------|------|
| A615Gr60 | Rebar | Uniaxial | No | Cyan | |
| C25/30 | Concrete | Isotropic | No | Green | |
| C28/35 | Concrete | Isotropic | No | Green | |

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

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

| Material | Notes |
|----------|-------|
| A615Gr60 | |
| C25/30 | |

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

| Material | Notes |
|----------|-------|
| C28/35 | |

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

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

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

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

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

| Material | FAngle Degrees | DAngle Degrees |
|----------|-------------------|-------------------|
| C25/30 | 0 | 0 |
| C28/35 | 0 | 0 |

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Table: Case - Static 1 - Load Assignments

Table: Case - Static 1 - Load Assignments

| Case | LoadType | LoadName | LoadSF |
|----------------|--------------|----------------|--------|
| PP | Load pattern | PP | 1 |
| PPERM | Load pattern | PPERM | 1 |
| BALLAST | Load pattern | BALLAST | 1 |
| LM71_SX | Load pattern | LM71_SX | 1 |
| LM71_DX | Load pattern | LM71_DX | 1 |
| ACC_SX | Load pattern | ACC_SX | 1 |
| ACC_DX | Load pattern | ACC_DX | 1 |
| SERP_SX | Load pattern | SERP_SX | 0 |
| SERP_DX | Load pattern | SERP_DX | 0 |
| SISMAX_PP | Load pattern | SISMAX_PP | 1 |
| SISMAZ_PP | Load pattern | SISMAZ_PP | 1 |
| SISMAX_LM71_SX | Load pattern | SISMAX_LM71_SX | 1 |
| SISMAX_LM71_DX | Load pattern | SISMAX_LM71_DX | 1 |
| SISMAZ_LM71_SX | Load pattern | SISMAZ_LM71_SX | 1 |
| SISMAZ_LM71_DX | Load pattern | SISMAZ_LM71_DX | 1 |

Table: Connectivity - Frame, Part 1 of 2

Table: Connectivity - Frame, Part 1 of 2

| Frame | JointI | JointJ | IsCurved | Length | CentroidX | CentroidY | CentroidZ |
|-------|--------|--------|----------|--------|-----------|-----------|-----------|
| | | | | m | m | m | m |
| 1 | 1 | 2 | No | 0,35 | -13,675 | 0 | 0 |
| 2 | 2 | 3 | No | 3,7 | -11,65 | 0 | 0 |
| 3 | 3 | 4 | No | 5,15 | -7,225 | 0 | 0 |
| 4 | 4 | 5 | No | 1 | -4,15 | 0 | 0 |
| 5 | 5 | 6 | No | 3,3 | -2 | 0 | 0 |
| 6 | 6 | 7 | No | 0,35 | -0,175 | 0 | 0 |
| 7 | 7 | 8 | No | 0,35 | 0,175 | 0 | 0 |
| 8 | 8 | 9 | No | 3,3 | 2 | 0 | 0 |
| 9 | 9 | 10 | No | 1 | 4,15 | 0 | 0 |
| 10 | 10 | 11 | No | 4,65 | 6,975 | 0 | 0 |
| 11 | 11 | 12 | No | 3,7 | 11,15 | 0 | 0 |
| 12 | 12 | 13 | No | 0,35 | 13,175 | 0 | 0 |

Table: Connectivity - Frame, Part 2 of 2

Table: Connectivity - Frame, Part 2 of 2

| Frame | GUID |
|-------|------|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |

Table: Element Forces - Frames, Part 1 of 2

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station | OutputCase | CaseType | P | V2 | V3 | T | M2 |
|-------|---------|------------|-----------|----|---------|----|------|------|
| | m | | | KN | KN | KN | KN-m | KN-m |
| 1 | 0 | PP | LinStatic | 0 | -14,643 | 0 | 0 | 0 |
| 1 | 0,35 | PP | LinStatic | 0 | 14,136 | 0 | 0 | 0 |
| 1 | 0 | PPERM | LinStatic | 0 | -3,167 | 0 | 0 | 0 |
| 1 | 0,35 | PPERM | LinStatic | 0 | 2,503 | 0 | 0 | 0 |
| 1 | 0 | BALLAST | LinStatic | 0 | -1,681 | 0 | 0 | 0 |
| 1 | 0,35 | BALLAST | LinStatic | 0 | -1,681 | 0 | 0 | 0 |
| 1 | 0 | LM71_SX | LinStatic | 0 | -4,153 | 0 | 0 | 0 |
| 1 | 0,35 | LM71_SX | LinStatic | 0 | -4,153 | 0 | 0 | 0 |
| 1 | 0 | LM71_DX | LinStatic | 0 | -0,93 | 0 | 0 | 0 |
| 1 | 0,35 | LM71_DX | LinStatic | 0 | -0,93 | 0 | 0 | 0 |
| 1 | 0 | ACC_SX | LinStatic | 0 | -5,038 | 0 | 0 | 0 |
| 1 | 0,35 | ACC_SX | LinStatic | 0 | -5,038 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-------------|---------|----------|----------|-----------|------------|
| 1 | 0 | ACC_DX | LinStatic | 0 | 1,516 | 0 | 0 | 0 |
| 1 | 0,35 | ACC_DX | LinStatic | 0 | 1,516 | 0 | 0 | 0 |
| 1 | 0 | SISMAX_PP | LinStatic | 0 | 2,263 | 0 | 0 | 0 |
| 1 | 0,35 | SISMAX_PP | LinStatic | 0 | 2,263 | 0 | 0 | 0 |
| 1 | 0 | SISMAZ_PP | LinStatic | 0 | -2,739 | 0 | 0 | 0 |
| 1 | 0,35 | SISMAZ_PP | LinStatic | 0 | 2,396 | 0 | 0 | 0 |
| 1 | 0 | SISMAX_LM71_S X | LinStatic | 0 | 0,277 | 0 | 0 | 0 |
| 1 | 0,35 | SISMAX_LM71_S X | LinStatic | 0 | 0,277 | 0 | 0 | 0 |
| 1 | 0 | SISMAX_LM71_D X | LinStatic | 0 | 0,223 | 0 | 0 | 0 |
| 1 | 0,35 | SISMAX_LM71_D X | LinStatic | 0 | 0,223 | 0 | 0 | 0 |
| 1 | 0 | SISMAZ_LM71_S X | LinStatic | 0 | -0,124 | 0 | 0 | 0 |
| 1 | 0,35 | SISMAZ_LM71_S X | LinStatic | 0 | -0,124 | 0 | 0 | 0 |
| 1 | 0 | SISMAZ_LM71_D X | LinStatic | 0 | -0,028 | 0 | 0 | 0 |
| 1 | 0,35 | SISMAZ_LM71_D X | LinStatic | 0 | -0,028 | 0 | 0 | 0 |
| 1 | 0 | QP | Combination | 0 | -19,492 | 0 | 0 | 0 |
| 1 | 0,35 | QP | Combination | 0 | 14,957 | 0 | 0 | 0 |
| 2 | 0 | PP | LinStatic | 0 | -0,963 | 0 | 0 | 0 |
| 2 | 0,4625 | PP | LinStatic | 0 | 37,066 | 0 | 0 | 0 |
| 2 | 0,4625 | PP | LinStatic | 0 | -1,648 | 0 | 0 | 0 |
| 2 | 0,925 | PP | LinStatic | 0 | 36,382 | 0 | 0 | 0 |
| 2 | 0,925 | PP | LinStatic | 0 | -2,338 | 0 | 0 | 0 |
| 2 | 1,3875 | PP | LinStatic | 0 | 35,691 | 0 | 0 | 0 |
| 2 | 1,3875 | PP | LinStatic | 0 | -3,036 | 0 | 0 | 0 |
| 2 | 1,85 | PP | LinStatic | 0 | 34,993 | 0 | 0 | 0 |
| 2 | 1,85 | PP | LinStatic | 0 | -3,742 | 0 | 0 | 0 |
| 2 | 2,3125 | PP | LinStatic | 0 | 34,287 | 0 | 0 | 0 |
| 2 | 2,3125 | PP | LinStatic | 0 | -4,456 | 0 | 0 | 0 |
| 2 | 2,775 | PP | LinStatic | 0 | 33,574 | 0 | 0 | 0 |
| 2 | 2,775 | PP | LinStatic | 0 | -5,178 | 0 | 0 | 0 |
| 2 | 3,2375 | PP | LinStatic | 0 | 32,852 | 0 | 0 | 0 |
| 2 | 3,2375 | PP | LinStatic | 0 | -5,91 | 0 | 0 | 0 |
| 2 | 3,7 | PP | LinStatic | 0 | 32,12 | 0 | 0 | 0 |
| 2 | 0 | PPERM | LinStatic | 0 | -4,858 | 0 | 0 | 0 |
| 2 | 0,4625 | PPERM | LinStatic | 0 | 2,635 | 0 | 0 | 0 |
| 2 | 0,4625 | PPERM | LinStatic | 0 | -5,758 | 0 | 0 | 0 |
| 2 | 0,925 | PPERM | LinStatic | 0 | 1,734 | 0 | 0 | 0 |
| 2 | 0,925 | PPERM | LinStatic | 0 | -6,673 | 0 | 0 | 0 |
| 2 | 1,3875 | PPERM | LinStatic | 0 | 0,82 | 0 | 0 | 0 |
| 2 | 1,3875 | PPERM | LinStatic | 0 | -7,601 | 0 | 0 | 0 |
| 2 | 1,85 | PPERM | LinStatic | 0 | -0,109 | 0 | 0 | 0 |
| 2 | 1,85 | PPERM | LinStatic | 0 | -8,543 | 0 | 0 | 0 |
| 2 | 2,3125 | PPERM | LinStatic | 0 | -1,051 | 0 | 0 | 0 |
| 2 | 2,3125 | PPERM | LinStatic | 0 | -9,499 | 0 | 0 | 0 |
| 2 | 2,775 | PPERM | LinStatic | 0 | -2,006 | 0 | 0 | 0 |
| 2 | 2,775 | PPERM | LinStatic | 0 | -10,469 | 0 | 0 | 0 |
| 2 | 3,2375 | PPERM | LinStatic | 0 | -2,976 | 0 | 0 | 0 |
| 2 | 3,2375 | PPERM | LinStatic | 0 | -11,452 | 0 | 0 | 0 |
| 2 | 3,7 | PPERM | LinStatic | 0 | -3,96 | 0 | 0 | 0 |
| 2 | 0 | BALLAST | LinStatic | 0 | -5,69 | 0 | 0 | 0 |
| 2 | 0,4625 | BALLAST | LinStatic | 0 | -5,69 | 0 | 0 | 0 |
| 2 | 0,4625 | BALLAST | LinStatic | 0 | -10,413 | 0 | 0 | 0 |
| 2 | 0,925 | BALLAST | LinStatic | 0 | -10,413 | 0 | 0 | 0 |
| 2 | 0,925 | BALLAST | LinStatic | 0 | -15,294 | 0 | 0 | 0 |
| 2 | 1,3875 | BALLAST | LinStatic | 0 | -15,294 | 0 | 0 | 0 |
| 2 | 1,3875 | BALLAST | LinStatic | 0 | -20,336 | 0 | 0 | 0 |
| 2 | 1,85 | BALLAST | LinStatic | 0 | -20,336 | 0 | 0 | 0 |
| 2 | 1,85 | BALLAST | LinStatic | 0 | -25,539 | 0 | 0 | 0 |
| 2 | 2,3125 | BALLAST | LinStatic | 0 | -25,539 | 0 | 0 | 0 |
| 2 | 2,3125 | BALLAST | LinStatic | 0 | -30,902 | 0 | 0 | 0 |
| 2 | 2,775 | BALLAST | LinStatic | 0 | -30,902 | 0 | 0 | 0 |
| 2 | 2,775 | BALLAST | LinStatic | 0 | -36,425 | 0 | 0 | 0 |
| 2 | 3,2375 | BALLAST | LinStatic | 0 | -36,425 | 0 | 0 | 0 |
| 2 | 3,2375 | BALLAST | LinStatic | 0 | -42,11 | 0 | 0 | 0 |
| 2 | 3,7 | BALLAST | LinStatic | 0 | -42,11 | 0 | 0 | 0 |
| 2 | 0 | LM71_SX | LinStatic | 0 | -13,884 | 0 | 0 | 0 |
| 2 | 0,4625 | LM71_SX | LinStatic | 0 | -13,884 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|---------|----------|----------|-----------|------------|
| 2 | 0,4625 | LM71_SX | LinStatic | 0 | -25,098 | 0 | 0 | 0 |
| 2 | 0,925 | LM71_SX | LinStatic | 0 | -25,098 | 0 | 0 | 0 |
| 2 | 0,925 | LM71_SX | LinStatic | 0 | -36,45 | 0 | 0 | 0 |
| 2 | 1,3875 | LM71_SX | LinStatic | 0 | -36,45 | 0 | 0 | 0 |
| 2 | 1,3875 | LM71_SX | LinStatic | 0 | -47,941 | 0 | 0 | 0 |
| 2 | 1,85 | LM71_SX | LinStatic | 0 | -47,941 | 0 | 0 | 0 |
| 2 | 1,85 | LM71_SX | LinStatic | 0 | -59,572 | 0 | 0 | 0 |
| 2 | 2,3125 | LM71_SX | LinStatic | 0 | -59,572 | 0 | 0 | 0 |
| 2 | 2,3125 | LM71_SX | LinStatic | 0 | -71,343 | 0 | 0 | 0 |
| 2 | 2,775 | LM71_SX | LinStatic | 0 | -71,343 | 0 | 0 | 0 |
| 2 | 2,775 | LM71_SX | LinStatic | 0 | -83,255 | 0 | 0 | 0 |
| 2 | 3,2375 | LM71_SX | LinStatic | 0 | -83,255 | 0 | 0 | 0 |
| 2 | 3,2375 | LM71_SX | LinStatic | 0 | -95,307 | 0 | 0 | 0 |
| 2 | 3,7 | LM71_SX | LinStatic | 0 | -95,307 | 0 | 0 | 0 |
| 2 | 0 | LM71_DX | LinStatic | 0 | -3,335 | 0 | 0 | 0 |
| 2 | 0,4625 | LM71_DX | LinStatic | 0 | -3,335 | 0 | 0 | 0 |
| 2 | 0,4625 | LM71_DX | LinStatic | 0 | -6,446 | 0 | 0 | 0 |
| 2 | 0,925 | LM71_DX | LinStatic | 0 | -6,446 | 0 | 0 | 0 |
| 2 | 0,925 | LM71_DX | LinStatic | 0 | -9,928 | 0 | 0 | 0 |
| 2 | 1,3875 | LM71_DX | LinStatic | 0 | -9,928 | 0 | 0 | 0 |
| 2 | 1,3875 | LM71_DX | LinStatic | 0 | -13,783 | 0 | 0 | 0 |
| 2 | 1,85 | LM71_DX | LinStatic | 0 | -13,783 | 0 | 0 | 0 |
| 2 | 1,85 | LM71_DX | LinStatic | 0 | -18,011 | 0 | 0 | 0 |
| 2 | 2,3125 | LM71_DX | LinStatic | 0 | -18,011 | 0 | 0 | 0 |
| 2 | 2,3125 | LM71_DX | LinStatic | 0 | -22,612 | 0 | 0 | 0 |
| 2 | 2,775 | LM71_DX | LinStatic | 0 | -22,612 | 0 | 0 | 0 |
| 2 | 2,775 | LM71_DX | LinStatic | 0 | -27,587 | 0 | 0 | 0 |
| 2 | 3,2375 | LM71_DX | LinStatic | 0 | -27,587 | 0 | 0 | 0 |
| 2 | 3,2375 | LM71_DX | LinStatic | 0 | -32,935 | 0 | 0 | 0 |
| 2 | 3,7 | LM71_DX | LinStatic | 0 | -32,935 | 0 | 0 | 0 |
| 2 | 0 | ACC_SX | LinStatic | 0 | -16,468 | 0 | 0 | 0 |
| 2 | 0,4625 | ACC_SX | LinStatic | 0 | 8,507 | 0 | 0 | 0 |
| 2 | 0,4625 | ACC_SX | LinStatic | 0 | -4,108 | 0 | 0 | 0 |
| 2 | 0,925 | ACC_SX | LinStatic | 0 | 20,867 | 0 | 0 | 0 |
| 2 | 0,925 | ACC_SX | LinStatic | 0 | 8,653 | 0 | 0 | 0 |
| 2 | 1,3875 | ACC_SX | LinStatic | 0 | 33,628 | 0 | 0 | 0 |
| 2 | 1,3875 | ACC_SX | LinStatic | 0 | 21,816 | 0 | 0 | 0 |
| 2 | 1,85 | ACC_SX | LinStatic | 0 | 46,791 | 0 | 0 | 0 |
| 2 | 1,85 | ACC_SX | LinStatic | 0 | 35,382 | 0 | 0 | 0 |
| 2 | 2,3125 | ACC_SX | LinStatic | 0 | 60,357 | 0 | 0 | 0 |
| 2 | 2,3125 | ACC_SX | LinStatic | 0 | 49,353 | 0 | 0 | 0 |
| 2 | 2,775 | ACC_SX | LinStatic | 0 | 74,328 | 0 | 0 | 0 |
| 2 | 2,775 | ACC_SX | LinStatic | 0 | 63,73 | 0 | 0 | 0 |
| 2 | 3,2375 | ACC_SX | LinStatic | 0 | 88,705 | 0 | 0 | 0 |
| 2 | 3,2375 | ACC_SX | LinStatic | 0 | 78,513 | 0 | 0 | 0 |
| 2 | 3,7 | ACC_SX | LinStatic | 0 | 103,488 | 0 | 0 | 0 |
| 2 | 0 | ACC_DX | LinStatic | 0 | 4,898 | 0 | 0 | 0 |
| 2 | 0,4625 | ACC_DX | LinStatic | 0 | 4,898 | 0 | 0 | 0 |
| 2 | 0,4625 | ACC_DX | LinStatic | 0 | 8,539 | 0 | 0 | 0 |
| 2 | 0,925 | ACC_DX | LinStatic | 0 | 8,539 | 0 | 0 | 0 |
| 2 | 0,925 | ACC_DX | LinStatic | 0 | 11,971 | 0 | 0 | 0 |
| 2 | 1,3875 | ACC_DX | LinStatic | 0 | 11,971 | 0 | 0 | 0 |
| 2 | 1,3875 | ACC_DX | LinStatic | 0 | 15,195 | 0 | 0 | 0 |
| 2 | 1,85 | ACC_DX | LinStatic | 0 | 15,195 | 0 | 0 | 0 |
| 2 | 1,85 | ACC_DX | LinStatic | 0 | 18,212 | 0 | 0 | 0 |
| 2 | 2,3125 | ACC_DX | LinStatic | 0 | 18,212 | 0 | 0 | 0 |
| 2 | 2,3125 | ACC_DX | LinStatic | 0 | 21,021 | 0 | 0 | 0 |
| 2 | 2,775 | ACC_DX | LinStatic | 0 | 21,021 | 0 | 0 | 0 |
| 2 | 2,775 | ACC_DX | LinStatic | 0 | 23,623 | 0 | 0 | 0 |
| 2 | 3,2375 | ACC_DX | LinStatic | 0 | 23,623 | 0 | 0 | 0 |
| 2 | 3,2375 | ACC_DX | LinStatic | 0 | 26,016 | 0 | 0 | 0 |
| 2 | 3,7 | ACC_DX | LinStatic | 0 | 26,016 | 0 | 0 | 0 |
| 2 | 0 | SISMAX_PP | LinStatic | 0 | 7,371 | 0 | 0 | 0 |
| 2 | 0,4625 | SISMAX_PP | LinStatic | 0 | 7,371 | 0 | 0 | 0 |
| 2 | 0,4625 | SISMAX_PP | LinStatic | 0 | 12,967 | 0 | 0 | 0 |
| 2 | 0,925 | SISMAX_PP | LinStatic | 0 | 12,967 | 0 | 0 | 0 |
| 2 | 0,925 | SISMAX_PP | LinStatic | 0 | 18,346 | 0 | 0 | 0 |
| 2 | 1,3875 | SISMAX_PP | LinStatic | 0 | 18,346 | 0 | 0 | 0 |
| 2 | 1,3875 | SISMAX_PP | LinStatic | 0 | 23,508 | 0 | 0 | 0 |
| 2 | 1,85 | SISMAX_PP | LinStatic | 0 | 23,508 | 0 | 0 | 0 |
| 2 | 1,85 | SISMAX_PP | LinStatic | 0 | 28,456 | 0 | 0 | 0 |
| 2 | 2,3125 | SISMAX_PP | LinStatic | 0 | 28,456 | 0 | 0 | 0 |



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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-----------|---------|----------|----------|-----------|------------|
| 2 | 2,3125 | SISMAX_PP | LinStatic | 0 | 33,19 | 0 | 0 | 0 |
| 2 | 2,775 | SISMAX_PP | LinStatic | 0 | 33,19 | 0 | 0 | 0 |
| 2 | 2,775 | SISMAX_PP | LinStatic | 0 | 37,712 | 0 | 0 | 0 |
| 2 | 3,2375 | SISMAX_PP | LinStatic | 0 | 37,712 | 0 | 0 | 0 |
| 2 | 3,2375 | SISMAX_PP | LinStatic | 0 | 42,024 | 0 | 0 | 0 |
| 2 | 3,7 | SISMAX_PP | LinStatic | 0 | 42,024 | 0 | 0 | 0 |
| 2 | 0 | SISMAZ_PP | LinStatic | 0 | -3,992 | 0 | 0 | 0 |
| 2 | 0,4625 | SISMAZ_PP | LinStatic | 0 | 2,793 | 0 | 0 | 0 |
| 2 | 0,4625 | SISMAZ_PP | LinStatic | 0 | -4,523 | 0 | 0 | 0 |
| 2 | 0,925 | SISMAZ_PP | LinStatic | 0 | 2,262 | 0 | 0 | 0 |
| 2 | 0,925 | SISMAZ_PP | LinStatic | 0 | -5,097 | 0 | 0 | 0 |
| 2 | 1,3875 | SISMAZ_PP | LinStatic | 0 | 1,688 | 0 | 0 | 0 |
| 2 | 1,3875 | SISMAZ_PP | LinStatic | 0 | -5,714 | 0 | 0 | 0 |
| 2 | 1,85 | SISMAZ_PP | LinStatic | 0 | 1,071 | 0 | 0 | 0 |
| 2 | 1,85 | SISMAZ_PP | LinStatic | 0 | -6,373 | 0 | 0 | 0 |
| 2 | 2,3125 | SISMAZ_PP | LinStatic | 0 | 0,412 | 0 | 0 | 0 |
| 2 | 2,3125 | SISMAZ_PP | LinStatic | 0 | -7,073 | 0 | 0 | 0 |
| 2 | 2,775 | SISMAZ_PP | LinStatic | 0 | -0,289 | 0 | 0 | 0 |
| 2 | 2,775 | SISMAZ_PP | LinStatic | 0 | -7,815 | 0 | 0 | 0 |
| 2 | 3,2375 | SISMAZ_PP | LinStatic | 0 | -1,03 | 0 | 0 | 0 |
| 2 | 3,2375 | SISMAZ_PP | LinStatic | 0 | -8,598 | 0 | 0 | 0 |
| 2 | 3,7 | SISMAZ_PP | LinStatic | 0 | -1,813 | 0 | 0 | 0 |
| 2 | 0 | SISMAX_LM71_S X | LinStatic | 0 | 0,904 | 0 | 0 | 0 |
| 2 | 0,4625 | SISMAX_LM71_S X | LinStatic | 0 | 0,904 | 0 | 0 | 0 |
| 2 | 0,4625 | SISMAX_LM71_S X | LinStatic | 0 | 1,593 | 0 | 0 | 0 |
| 2 | 0,925 | SISMAX_LM71_S X | LinStatic | 0 | 1,593 | 0 | 0 | 0 |
| 2 | 0,925 | SISMAX_LM71_S X | LinStatic | 0 | 2,258 | 0 | 0 | 0 |
| 2 | 1,3875 | SISMAX_LM71_S X | LinStatic | 0 | 2,258 | 0 | 0 | 0 |
| 2 | 1,3875 | SISMAX_LM71_S X | LinStatic | 0 | 2,899 | 0 | 0 | 0 |
| 2 | 1,85 | SISMAX_LM71_S X | LinStatic | 0 | 2,899 | 0 | 0 | 0 |
| 2 | 1,85 | SISMAX_LM71_S X | LinStatic | 0 | 3,516 | 0 | 0 | 0 |
| 2 | 2,3125 | SISMAX_LM71_S X | LinStatic | 0 | 3,516 | 0 | 0 | 0 |
| 2 | 2,3125 | SISMAX_LM71_S X | LinStatic | 0 | 4,109 | 0 | 0 | 0 |
| 2 | 2,775 | SISMAX_LM71_S X | LinStatic | 0 | 4,109 | 0 | 0 | 0 |
| 2 | 2,775 | SISMAX_LM71_S X | LinStatic | 0 | 4,678 | 0 | 0 | 0 |
| 2 | 3,2375 | SISMAX_LM71_S X | LinStatic | 0 | 4,678 | 0 | 0 | 0 |
| 2 | 3,2375 | SISMAX_LM71_S X | LinStatic | 0 | 5,223 | 0 | 0 | 0 |
| 2 | 3,7 | SISMAX_LM71_S X | LinStatic | 0 | 5,223 | 0 | 0 | 0 |
| 2 | 0 | SISMAX_LM71_D X | LinStatic | 0 | 0,73 | 0 | 0 | 0 |
| 2 | 0,4625 | SISMAX_LM71_D X | LinStatic | 0 | 0,73 | 0 | 0 | 0 |
| 2 | 0,4625 | SISMAX_LM71_D X | LinStatic | 0 | 1,293 | 0 | 0 | 0 |
| 2 | 0,925 | SISMAX_LM71_D X | LinStatic | 0 | 1,293 | 0 | 0 | 0 |
| 2 | 0,925 | SISMAX_LM71_D X | LinStatic | 0 | 1,841 | 0 | 0 | 0 |
| 2 | 1,3875 | SISMAX_LM71_D X | LinStatic | 0 | 1,841 | 0 | 0 | 0 |
| 2 | 1,3875 | SISMAX_LM71_D X | LinStatic | 0 | 2,375 | 0 | 0 | 0 |
| 2 | 1,85 | SISMAX_LM71_D X | LinStatic | 0 | 2,375 | 0 | 0 | 0 |
| 2 | 1,85 | SISMAX_LM71_D X | LinStatic | 0 | 2,894 | 0 | 0 | 0 |
| 2 | 2,3125 | SISMAX_LM71_D X | LinStatic | 0 | 2,894 | 0 | 0 | 0 |
| 2 | 2,3125 | SISMAX_LM71_D X | LinStatic | 0 | 3,399 | 0 | 0 | 0 |
| 2 | 2,775 | SISMAX_LM71_D X | LinStatic | 0 | 3,399 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-------------|---------|----------|----------|-----------|------------|
| 2 | 2,775 | SISMAX_LM71_D X | LinStatic | 0 | 3,89 | 0 | 0 | 0 |
| 2 | 3,2375 | SISMAX_LM71_D X | LinStatic | 0 | 3,89 | 0 | 0 | 0 |
| 2 | 3,2375 | SISMAX_LM71_D X | LinStatic | 0 | 4,365 | 0 | 0 | 0 |
| 2 | 3,7 | SISMAX_LM71_D X | LinStatic | 0 | 4,365 | 0 | 0 | 0 |
| 2 | 0 | SISMAZ_LM71_S X | LinStatic | 0 | -0,414 | 0 | 0 | 0 |
| 2 | 0,4625 | SISMAZ_LM71_S X | LinStatic | 0 | -0,414 | 0 | 0 | 0 |
| 2 | 0,4625 | SISMAZ_LM71_S X | LinStatic | 0 | -0,748 | 0 | 0 | 0 |
| 2 | 0,925 | SISMAZ_LM71_S X | LinStatic | 0 | -0,748 | 0 | 0 | 0 |
| 2 | 0,925 | SISMAZ_LM71_S X | LinStatic | 0 | -1,087 | 0 | 0 | 0 |
| 2 | 1,3875 | SISMAZ_LM71_S X | LinStatic | 0 | -1,087 | 0 | 0 | 0 |
| 2 | 1,3875 | SISMAZ_LM71_S X | LinStatic | 0 | -1,429 | 0 | 0 | 0 |
| 2 | 1,85 | SISMAZ_LM71_S X | LinStatic | 0 | -1,429 | 0 | 0 | 0 |
| 2 | 1,85 | SISMAZ_LM71_S X | LinStatic | 0 | -1,776 | 0 | 0 | 0 |
| 2 | 2,3125 | SISMAZ_LM71_S X | LinStatic | 0 | -1,776 | 0 | 0 | 0 |
| 2 | 2,3125 | SISMAZ_LM71_S X | LinStatic | 0 | -2,127 | 0 | 0 | 0 |
| 2 | 2,775 | SISMAZ_LM71_S X | LinStatic | 0 | -2,127 | 0 | 0 | 0 |
| 2 | 2,775 | SISMAZ_LM71_S X | LinStatic | 0 | -2,482 | 0 | 0 | 0 |
| 2 | 3,2375 | SISMAZ_LM71_S X | LinStatic | 0 | -2,482 | 0 | 0 | 0 |
| 2 | 3,2375 | SISMAZ_LM71_S X | LinStatic | 0 | -2,841 | 0 | 0 | 0 |
| 2 | 3,7 | SISMAZ_LM71_S X | LinStatic | 0 | -2,841 | 0 | 0 | 0 |
| 2 | 0 | SISMAZ_LM71_D X | LinStatic | 0 | -0,099 | 0 | 0 | 0 |
| 2 | 0,4625 | SISMAZ_LM71_D X | LinStatic | 0 | -0,099 | 0 | 0 | 0 |
| 2 | 0,4625 | SISMAZ_LM71_D X | LinStatic | 0 | -0,192 | 0 | 0 | 0 |
| 2 | 0,925 | SISMAZ_LM71_D X | LinStatic | 0 | -0,192 | 0 | 0 | 0 |
| 2 | 0,925 | SISMAZ_LM71_D X | LinStatic | 0 | -0,296 | 0 | 0 | 0 |
| 2 | 1,3875 | SISMAZ_LM71_D X | LinStatic | 0 | -0,296 | 0 | 0 | 0 |
| 2 | 1,3875 | SISMAZ_LM71_D X | LinStatic | 0 | -0,411 | 0 | 0 | 0 |
| 2 | 1,85 | SISMAZ_LM71_D X | LinStatic | 0 | -0,411 | 0 | 0 | 0 |
| 2 | 1,85 | SISMAZ_LM71_D X | LinStatic | 0 | -0,537 | 0 | 0 | 0 |
| 2 | 2,3125 | SISMAZ_LM71_D X | LinStatic | 0 | -0,537 | 0 | 0 | 0 |
| 2 | 2,3125 | SISMAZ_LM71_D X | LinStatic | 0 | -0,674 | 0 | 0 | 0 |
| 2 | 2,775 | SISMAZ_LM71_D X | LinStatic | 0 | -0,674 | 0 | 0 | 0 |
| 2 | 2,775 | SISMAZ_LM71_D X | LinStatic | 0 | -0,822 | 0 | 0 | 0 |
| 2 | 3,2375 | SISMAZ_LM71_D X | LinStatic | 0 | -0,822 | 0 | 0 | 0 |
| 2 | 3,2375 | SISMAZ_LM71_D X | LinStatic | 0 | -0,982 | 0 | 0 | 0 |
| 2 | 3,7 | SISMAZ_LM71_D X | LinStatic | 0 | -0,982 | 0 | 0 | 0 |
| 2 | 0 | QP | Combination | 0 | -11,511 | 0 | 0 | 0 |
| 2 | 0,4625 | QP | Combination | 0 | 34,011 | 0 | 0 | 0 |
| 2 | 0,4625 | QP | Combination | 0 | -17,819 | 0 | 0 | 0 |
| 2 | 0,925 | QP | Combination | 0 | 27,703 | 0 | 0 | 0 |
| 2 | 0,925 | QP | Combination | 0 | -24,306 | 0 | 0 | 0 |
| 2 | 1,3875 | QP | Combination | 0 | 21,216 | 0 | 0 | 0 |
| 2 | 1,3875 | QP | Combination | 0 | -30,974 | 0 | 0 | 0 |
| 2 | 1,85 | QP | Combination | 0 | 14,548 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-------------|---------|----------|----------|-----------|------------|
| 2 | 1,85 | QP | Combination | 0 | -37,824 | 0 | 0 | 0 |
| 2 | 2,3125 | QP | Combination | 0 | 7,698 | 0 | 0 | 0 |
| 2 | 2,3125 | QP | Combination | 0 | -44,856 | 0 | 0 | 0 |
| 2 | 2,775 | QP | Combination | 0 | 0,666 | 0 | 0 | 0 |
| 2 | 2,775 | QP | Combination | 0 | -52,072 | 0 | 0 | 0 |
| 2 | 3,2375 | QP | Combination | 0 | -6,55 | 0 | 0 | 0 |
| 2 | 3,2375 | QP | Combination | 0 | -59,471 | 0 | 0 | 0 |
| 2 | 3,7 | QP | Combination | 0 | -13,95 | 0 | 0 | 0 |
| 3 | 0 | PP | LinStatic | 0 | 1,21 | 0 | 0 | 0 |
| 3 | 0,46818 | PP | LinStatic | 0 | 39,707 | 0 | 0 | 0 |
| 3 | 0,46818 | PP | LinStatic | 0 | 0,448 | 0 | 0 | 0 |
| 3 | 0,93636 | PP | LinStatic | 0 | 38,945 | 0 | 0 | 0 |
| 3 | 0,93636 | PP | LinStatic | 0 | -0,325 | 0 | 0 | 0 |
| 3 | 1,40455 | PP | LinStatic | 0 | 38,172 | 0 | 0 | 0 |
| 3 | 1,40455 | PP | LinStatic | 0 | -1,111 | 0 | 0 | 0 |
| 3 | 1,87273 | PP | LinStatic | 0 | 37,386 | 0 | 0 | 0 |
| 3 | 1,87273 | PP | LinStatic | 0 | -1,911 | 0 | 0 | 0 |
| 3 | 2,34091 | PP | LinStatic | 0 | 36,585 | 0 | 0 | 0 |
| 3 | 2,34091 | PP | LinStatic | 0 | -2,727 | 0 | 0 | 0 |
| 3 | 2,80909 | PP | LinStatic | 0 | 35,769 | 0 | 0 | 0 |
| 3 | 2,80909 | PP | LinStatic | 0 | -3,561 | 0 | 0 | 0 |
| 3 | 3,27727 | PP | LinStatic | 0 | 34,936 | 0 | 0 | 0 |
| 3 | 3,27727 | PP | LinStatic | 0 | -4,413 | 0 | 0 | 0 |
| 3 | 3,74545 | PP | LinStatic | 0 | 34,083 | 0 | 0 | 0 |
| 3 | 3,74545 | PP | LinStatic | 0 | -5,287 | 0 | 0 | 0 |
| 3 | 4,21364 | PP | LinStatic | 0 | 33,21 | 0 | 0 | 0 |
| 3 | 4,21364 | PP | LinStatic | 0 | -6,184 | 0 | 0 | 0 |
| 3 | 4,68182 | PP | LinStatic | 0 | 32,313 | 0 | 0 | 0 |
| 3 | 4,68182 | PP | LinStatic | 0 | -7,106 | 0 | 0 | 0 |
| 3 | 5,15 | PP | LinStatic | 0 | 31,391 | 0 | 0 | 0 |
| 3 | 0 | PPERM | LinStatic | 0 | -12,501 | 0 | 0 | 0 |
| 3 | 0,46818 | PPERM | LinStatic | 0 | -3,4 | 0 | 0 | 0 |
| 3 | 0,46818 | PPERM | LinStatic | 0 | -12,008 | 0 | 0 | 0 |
| 3 | 0,93636 | PPERM | LinStatic | 0 | -2,906 | 0 | 0 | 0 |
| 3 | 0,93636 | PPERM | LinStatic | 0 | -11,528 | 0 | 0 | 0 |
| 3 | 1,40455 | PPERM | LinStatic | 0 | -2,426 | 0 | 0 | 0 |
| 3 | 1,40455 | PPERM | LinStatic | 0 | -11,061 | 0 | 0 | 0 |
| 3 | 1,87273 | PPERM | LinStatic | 0 | -1,959 | 0 | 0 | 0 |
| 3 | 1,87273 | PPERM | LinStatic | 0 | -10,606 | 0 | 0 | 0 |
| 3 | 2,34091 | PPERM | LinStatic | 0 | -1,505 | 0 | 0 | 0 |
| 3 | 2,34091 | PPERM | LinStatic | 0 | -10,164 | 0 | 0 | 0 |
| 3 | 2,80909 | PPERM | LinStatic | 0 | -1,062 | 0 | 0 | 0 |
| 3 | 2,80909 | PPERM | LinStatic | 0 | -9,733 | 0 | 0 | 0 |
| 3 | 3,27727 | PPERM | LinStatic | 0 | -0,632 | 0 | 0 | 0 |
| 3 | 3,27727 | PPERM | LinStatic | 0 | -9,313 | 0 | 0 | 0 |
| 3 | 3,74545 | PPERM | LinStatic | 0 | -0,211 | 0 | 0 | 0 |
| 3 | 3,74545 | PPERM | LinStatic | 0 | -8,903 | 0 | 0 | 0 |
| 3 | 4,21364 | PPERM | LinStatic | 0 | 0,198 | 0 | 0 | 0 |
| 3 | 4,21364 | PPERM | LinStatic | 0 | -8,503 | 0 | 0 | 0 |
| 3 | 4,68182 | PPERM | LinStatic | 0 | 0,599 | 0 | 0 | 0 |
| 3 | 4,68182 | PPERM | LinStatic | 0 | -8,112 | 0 | 0 | 0 |
| 3 | 5,15 | PPERM | LinStatic | 0 | 0,99 | 0 | 0 | 0 |
| 3 | 0 | BALLAST | LinStatic | 0 | -47,99 | 0 | 0 | 0 |
| 3 | 0,46818 | BALLAST | LinStatic | 0 | -47,99 | 0 | 0 | 0 |
| 3 | 0,46818 | BALLAST | LinStatic | 0 | -54,071 | 0 | 0 | 0 |
| 3 | 0,93636 | BALLAST | LinStatic | 0 | -54,071 | 0 | 0 | 0 |
| 3 | 0,93636 | BALLAST | LinStatic | 0 | -60,314 | 0 | 0 | 0 |
| 3 | 1,40455 | BALLAST | LinStatic | 0 | -60,314 | 0 | 0 | 0 |
| 3 | 1,40455 | BALLAST | LinStatic | 0 | -66,719 | 0 | 0 | 0 |
| 3 | 1,87273 | BALLAST | LinStatic | 0 | -66,719 | 0 | 0 | 0 |
| 3 | 1,87273 | BALLAST | LinStatic | 0 | -73,284 | 0 | 0 | 0 |
| 3 | 2,34091 | BALLAST | LinStatic | 0 | -73,284 | 0 | 0 | 0 |
| 3 | 2,34091 | BALLAST | LinStatic | 0 | -80,007 | 0 | 0 | 0 |
| 3 | 2,80909 | BALLAST | LinStatic | 0 | -80,007 | 0 | 0 | 0 |
| 3 | 2,80909 | BALLAST | LinStatic | 0 | -86,884 | 0 | 0 | 0 |
| 3 | 3,27727 | BALLAST | LinStatic | 0 | -86,884 | 0 | 0 | 0 |
| 3 | 3,27727 | BALLAST | LinStatic | 0 | -93,914 | 0 | 0 | 0 |
| 3 | 3,74545 | BALLAST | LinStatic | 0 | -93,914 | 0 | 0 | 0 |
| 3 | 3,74545 | BALLAST | LinStatic | 0 | -101,092 | 0 | 0 | 0 |
| 3 | 4,21364 | BALLAST | LinStatic | 0 | -101,092 | 0 | 0 | 0 |
| 3 | 4,21364 | BALLAST | LinStatic | 0 | -108,413 | 0 | 0 | 0 |
| 3 | 4,68182 | BALLAST | LinStatic | 0 | -108,413 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|---------|----------|----------|-----------|------------|
| 3 | 4,68182 | BALLAST | LinStatic | 0 | -115,873 | 0 | 0 | 0 |
| 3 | 5,15 | BALLAST | LinStatic | 0 | -115,873 | 0 | 0 | 0 |
| 3 | 0 | LM71_SX | LinStatic | 0 | -107,573 | 0 | 0 | 0 |
| 3 | 0,46818 | LM71_SX | LinStatic | 0 | -107,573 | 0 | 0 | 0 |
| 3 | 0,46818 | LM71_SX | LinStatic | 0 | -120,055 | 0 | 0 | 0 |
| 3 | 0,93636 | LM71_SX | LinStatic | 0 | -120,055 | 0 | 0 | 0 |
| 3 | 0,93636 | LM71_SX | LinStatic | 0 | -132,677 | 0 | 0 | 0 |
| 3 | 1,40455 | LM71_SX | LinStatic | 0 | -132,677 | 0 | 0 | 0 |
| 3 | 1,40455 | LM71_SX | LinStatic | 0 | -145,434 | 0 | 0 | 0 |
| 3 | 1,87273 | LM71_SX | LinStatic | 0 | -145,434 | 0 | 0 | 0 |
| 3 | 1,87273 | LM71_SX | LinStatic | 0 | -158,323 | 0 | 0 | 0 |
| 3 | 2,34091 | LM71_SX | LinStatic | 0 | -158,323 | 0 | 0 | 0 |
| 3 | 2,34091 | LM71_SX | LinStatic | 0 | -171,339 | 0 | 0 | 0 |
| 3 | 2,80909 | LM71_SX | LinStatic | 0 | -171,339 | 0 | 0 | 0 |
| 3 | 2,80909 | LM71_SX | LinStatic | 0 | -184,476 | 0 | 0 | 0 |
| 3 | 3,27727 | LM71_SX | LinStatic | 0 | -184,476 | 0 | 0 | 0 |
| 3 | 3,27727 | LM71_SX | LinStatic | 0 | -197,726 | 0 | 0 | 0 |
| 3 | 3,74545 | LM71_SX | LinStatic | 0 | -197,726 | 0 | 0 | 0 |
| 3 | 3,74545 | LM71_SX | LinStatic | 0 | -211,08 | 0 | 0 | 0 |
| 3 | 4,21364 | LM71_SX | LinStatic | 0 | -211,08 | 0 | 0 | 0 |
| 3 | 4,21364 | LM71_SX | LinStatic | 0 | -224,528 | 0 | 0 | 0 |
| 3 | 4,68182 | LM71_SX | LinStatic | 0 | -224,528 | 0 | 0 | 0 |
| 3 | 4,68182 | LM71_SX | LinStatic | 0 | -238,058 | 0 | 0 | 0 |
| 3 | 5,15 | LM71_SX | LinStatic | 0 | -238,058 | 0 | 0 | 0 |
| 3 | 0 | LM71_DX | LinStatic | 0 | -38,692 | 0 | 0 | 0 |
| 3 | 0,46818 | LM71_DX | LinStatic | 0 | -38,692 | 0 | 0 | 0 |
| 3 | 0,46818 | LM71_DX | LinStatic | 0 | -44,867 | 0 | 0 | 0 |
| 3 | 0,93636 | LM71_DX | LinStatic | 0 | -44,867 | 0 | 0 | 0 |
| 3 | 0,93636 | LM71_DX | LinStatic | 0 | -51,423 | 0 | 0 | 0 |
| 3 | 1,40455 | LM71_DX | LinStatic | 0 | -51,423 | 0 | 0 | 0 |
| 3 | 1,40455 | LM71_DX | LinStatic | 0 | -58,361 | 0 | 0 | 0 |
| 3 | 1,87273 | LM71_DX | LinStatic | 0 | -58,361 | 0 | 0 | 0 |
| 3 | 1,87273 | LM71_DX | LinStatic | 0 | -65,679 | 0 | 0 | 0 |
| 3 | 2,34091 | LM71_DX | LinStatic | 0 | -65,679 | 0 | 0 | 0 |
| 3 | 2,34091 | LM71_DX | LinStatic | 0 | -73,376 | 0 | 0 | 0 |
| 3 | 2,80909 | LM71_DX | LinStatic | 0 | -73,376 | 0 | 0 | 0 |
| 3 | 2,80909 | LM71_DX | LinStatic | 0 | -81,45 | 0 | 0 | 0 |
| 3 | 3,27727 | LM71_DX | LinStatic | 0 | -81,45 | 0 | 0 | 0 |
| 3 | 3,27727 | LM71_DX | LinStatic | 0 | -89,899 | 0 | 0 | 0 |
| 3 | 3,74545 | LM71_DX | LinStatic | 0 | -89,899 | 0 | 0 | 0 |
| 3 | 3,74545 | LM71_DX | LinStatic | 0 | -98,719 | 0 | 0 | 0 |
| 3 | 4,21364 | LM71_DX | LinStatic | 0 | -98,719 | 0 | 0 | 0 |
| 3 | 4,21364 | LM71_DX | LinStatic | 0 | -107,908 | 0 | 0 | 0 |
| 3 | 4,68182 | LM71_DX | LinStatic | 0 | -107,908 | 0 | 0 | 0 |
| 3 | 4,68182 | LM71_DX | LinStatic | 0 | -117,461 | 0 | 0 | 0 |
| 3 | 5,15 | LM71_DX | LinStatic | 0 | -117,461 | 0 | 0 | 0 |
| 3 | 0 | ACC_SX | LinStatic | 0 | 93,643 | 0 | 0 | 0 |
| 3 | 0,46818 | ACC_SX | LinStatic | 0 | 93,643 | 0 | 0 | 0 |
| 3 | 0,46818 | ACC_SX | LinStatic | 0 | 84,152 | 0 | 0 | 0 |
| 3 | 0,93636 | ACC_SX | LinStatic | 0 | 84,152 | 0 | 0 | 0 |
| 3 | 0,93636 | ACC_SX | LinStatic | 0 | 75,072 | 0 | 0 | 0 |
| 3 | 1,40455 | ACC_SX | LinStatic | 0 | 75,072 | 0 | 0 | 0 |
| 3 | 1,40455 | ACC_SX | LinStatic | 0 | 66,398 | 0 | 0 | 0 |
| 3 | 1,87273 | ACC_SX | LinStatic | 0 | 66,398 | 0 | 0 | 0 |
| 3 | 1,87273 | ACC_SX | LinStatic | 0 | 58,123 | 0 | 0 | 0 |
| 3 | 2,34091 | ACC_SX | LinStatic | 0 | 58,123 | 0 | 0 | 0 |
| 3 | 2,34091 | ACC_SX | LinStatic | 0 | 50,244 | 0 | 0 | 0 |
| 3 | 2,80909 | ACC_SX | LinStatic | 0 | 50,244 | 0 | 0 | 0 |
| 3 | 2,80909 | ACC_SX | LinStatic | 0 | 42,752 | 0 | 0 | 0 |
| 3 | 3,27727 | ACC_SX | LinStatic | 0 | 42,752 | 0 | 0 | 0 |
| 3 | 3,27727 | ACC_SX | LinStatic | 0 | 35,643 | 0 | 0 | 0 |
| 3 | 3,74545 | ACC_SX | LinStatic | 0 | 35,643 | 0 | 0 | 0 |
| 3 | 3,74545 | ACC_SX | LinStatic | 0 | 28,909 | 0 | 0 | 0 |
| 3 | 4,21364 | ACC_SX | LinStatic | 0 | 28,909 | 0 | 0 | 0 |
| 3 | 4,21364 | ACC_SX | LinStatic | 0 | 22,544 | 0 | 0 | 0 |
| 3 | 4,68182 | ACC_SX | LinStatic | 0 | 22,544 | 0 | 0 | 0 |
| 3 | 4,68182 | ACC_SX | LinStatic | 0 | 16,54 | 0 | 0 | 0 |
| 3 | 5,15 | ACC_SX | LinStatic | 0 | 16,54 | 0 | 0 | 0 |
| 3 | 0 | ACC_DX | LinStatic | 0 | 28,215 | 0 | 0 | 0 |
| 3 | 0,46818 | ACC_DX | LinStatic | 0 | 28,215 | 0 | 0 | 0 |
| 3 | 0,46818 | ACC_DX | LinStatic | 0 | 30,212 | 0 | 0 | 0 |
| 3 | 0,93636 | ACC_DX | LinStatic | 0 | 30,212 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-----------|---------|----------|----------|-----------|------------|
| 3 | 0,93636 | ACC_DX | LinStatic | 0 | 31,995 | 0 | 0 | 0 |
| 3 | 1,40455 | ACC_DX | LinStatic | 0 | 31,995 | 0 | 0 | 0 |
| 3 | 1,40455 | ACC_DX | LinStatic | 0 | 33,561 | 0 | 0 | 0 |
| 3 | 1,87273 | ACC_DX | LinStatic | 0 | 33,561 | 0 | 0 | 0 |
| 3 | 1,87273 | ACC_DX | LinStatic | 0 | 34,91 | 0 | 0 | 0 |
| 3 | 2,34091 | ACC_DX | LinStatic | 0 | 34,91 | 0 | 0 | 0 |
| 3 | 2,34091 | ACC_DX | LinStatic | 0 | 36,04 | 0 | 0 | 0 |
| 3 | 2,80909 | ACC_DX | LinStatic | 0 | 36,04 | 0 | 0 | 0 |
| 3 | 2,80909 | ACC_DX | LinStatic | 0 | 36,949 | 0 | 0 | 0 |
| 3 | 3,27727 | ACC_DX | LinStatic | 0 | 36,949 | 0 | 0 | 0 |
| 3 | 3,27727 | ACC_DX | LinStatic | 0 | 37,634 | 0 | 0 | 0 |
| 3 | 3,74545 | ACC_DX | LinStatic | 0 | 37,634 | 0 | 0 | 0 |
| 3 | 3,74545 | ACC_DX | LinStatic | 0 | 38,093 | 0 | 0 | 0 |
| 3 | 4,21364 | ACC_DX | LinStatic | 0 | 38,093 | 0 | 0 | 0 |
| 3 | 4,21364 | ACC_DX | LinStatic | 0 | 38,324 | 0 | 0 | 0 |
| 3 | 4,68182 | ACC_DX | LinStatic | 0 | 38,324 | 0 | 0 | 0 |
| 3 | 4,68182 | ACC_DX | LinStatic | 0 | 38,323 | 0 | 0 | 0 |
| 3 | 5,15 | ACC_DX | LinStatic | 0 | 38,323 | 0 | 0 | 0 |
| 3 | 0 | SISMAX_PP | LinStatic | 0 | 46,153 | 0 | 0 | 0 |
| 3 | 0,46818 | SISMAX_PP | LinStatic | 0 | 46,153 | 0 | 0 | 0 |
| 3 | 0,46818 | SISMAX_PP | LinStatic | 0 | 50,096 | 0 | 0 | 0 |
| 3 | 0,93636 | SISMAX_PP | LinStatic | 0 | 50,096 | 0 | 0 | 0 |
| 3 | 0,93636 | SISMAX_PP | LinStatic | 0 | 53,828 | 0 | 0 | 0 |
| 3 | 1,40455 | SISMAX_PP | LinStatic | 0 | 53,828 | 0 | 0 | 0 |
| 3 | 1,40455 | SISMAX_PP | LinStatic | 0 | 57,352 | 0 | 0 | 0 |
| 3 | 1,87273 | SISMAX_PP | LinStatic | 0 | 57,352 | 0 | 0 | 0 |
| 3 | 1,87273 | SISMAX_PP | LinStatic | 0 | 60,669 | 0 | 0 | 0 |
| 3 | 2,34091 | SISMAX_PP | LinStatic | 0 | 60,669 | 0 | 0 | 0 |
| 3 | 2,34091 | SISMAX_PP | LinStatic | 0 | 63,781 | 0 | 0 | 0 |
| 3 | 2,80909 | SISMAX_PP | LinStatic | 0 | 63,781 | 0 | 0 | 0 |
| 3 | 2,80909 | SISMAX_PP | LinStatic | 0 | 66,688 | 0 | 0 | 0 |
| 3 | 3,27727 | SISMAX_PP | LinStatic | 0 | 66,688 | 0 | 0 | 0 |
| 3 | 3,27727 | SISMAX_PP | LinStatic | 0 | 69,392 | 0 | 0 | 0 |
| 3 | 3,74545 | SISMAX_PP | LinStatic | 0 | 69,392 | 0 | 0 | 0 |
| 3 | 3,74545 | SISMAX_PP | LinStatic | 0 | 71,893 | 0 | 0 | 0 |
| 3 | 4,21364 | SISMAX_PP | LinStatic | 0 | 71,893 | 0 | 0 | 0 |
| 3 | 4,21364 | SISMAX_PP | LinStatic | 0 | 74,194 | 0 | 0 | 0 |
| 3 | 4,68182 | SISMAX_PP | LinStatic | 0 | 74,194 | 0 | 0 | 0 |
| 3 | 4,68182 | SISMAX_PP | LinStatic | 0 | 76,293 | 0 | 0 | 0 |
| 3 | 5,15 | SISMAX_PP | LinStatic | 0 | 76,293 | 0 | 0 | 0 |
| 3 | 0 | SISMAZ_PP | LinStatic | 0 | -9,467 | 0 | 0 | 0 |
| 3 | 0,46818 | SISMAZ_PP | LinStatic | 0 | -2,369 | 0 | 0 | 0 |
| 3 | 0,46818 | SISMAZ_PP | LinStatic | 0 | -10,11 | 0 | 0 | 0 |
| 3 | 0,93636 | SISMAZ_PP | LinStatic | 0 | -3,012 | 0 | 0 | 0 |
| 3 | 0,93636 | SISMAZ_PP | LinStatic | 0 | -10,792 | 0 | 0 | 0 |
| 3 | 1,40455 | SISMAZ_PP | LinStatic | 0 | -3,695 | 0 | 0 | 0 |
| 3 | 1,40455 | SISMAZ_PP | LinStatic | 0 | -11,514 | 0 | 0 | 0 |
| 3 | 1,87273 | SISMAZ_PP | LinStatic | 0 | -4,416 | 0 | 0 | 0 |
| 3 | 1,87273 | SISMAZ_PP | LinStatic | 0 | -12,273 | 0 | 0 | 0 |
| 3 | 2,34091 | SISMAZ_PP | LinStatic | 0 | -5,175 | 0 | 0 | 0 |
| 3 | 2,34091 | SISMAZ_PP | LinStatic | 0 | -13,069 | 0 | 0 | 0 |
| 3 | 2,80909 | SISMAZ_PP | LinStatic | 0 | -5,971 | 0 | 0 | 0 |
| 3 | 2,80909 | SISMAZ_PP | LinStatic | 0 | -13,901 | 0 | 0 | 0 |
| 3 | 3,27727 | SISMAZ_PP | LinStatic | 0 | -6,804 | 0 | 0 | 0 |
| 3 | 3,27727 | SISMAZ_PP | LinStatic | 0 | -14,769 | 0 | 0 | 0 |
| 3 | 3,74545 | SISMAZ_PP | LinStatic | 0 | -7,671 | 0 | 0 | 0 |
| 3 | 3,74545 | SISMAZ_PP | LinStatic | 0 | -15,67 | 0 | 0 | 0 |
| 3 | 4,21364 | SISMAZ_PP | LinStatic | 0 | -8,572 | 0 | 0 | 0 |
| 3 | 4,21364 | SISMAZ_PP | LinStatic | 0 | -16,604 | 0 | 0 | 0 |
| 3 | 4,68182 | SISMAZ_PP | LinStatic | 0 | -9,507 | 0 | 0 | 0 |
| 3 | 4,68182 | SISMAZ_PP | LinStatic | 0 | -17,57 | 0 | 0 | 0 |
| 3 | 5,15 | SISMAZ_PP | LinStatic | 0 | -10,473 | 0 | 0 | 0 |
| 3 | 0 | SISMAX_LM71_S X | LinStatic | 0 | 5,747 | 0 | 0 | 0 |
| 3 | 0,46818 | SISMAX_LM71_S X | LinStatic | 0 | 5,747 | 0 | 0 | 0 |
| 3 | 0,46818 | SISMAX_LM71_S X | LinStatic | 0 | 6,25 | 0 | 0 | 0 |
| 3 | 0,93636 | SISMAX_LM71_S X | LinStatic | 0 | 6,25 | 0 | 0 | 0 |
| 3 | 0,93636 | SISMAX_LM71_S X | LinStatic | 0 | 6,727 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-----------|---------|----------|----------|-----------|------------|
| 3 | 1,40455 | SISMAX_LM71_S X | LinStatic | 0 | 6,727 | 0 | 0 | 0 |
| 3 | 1,40455 | SISMAX_LM71_S X | LinStatic | 0 | 7,18 | 0 | 0 | 0 |
| 3 | 1,87273 | SISMAX_LM71_S X | LinStatic | 0 | 7,18 | 0 | 0 | 0 |
| 3 | 1,87273 | SISMAX_LM71_S X | LinStatic | 0 | 7,606 | 0 | 0 | 0 |
| 3 | 2,34091 | SISMAX_LM71_S X | LinStatic | 0 | 7,606 | 0 | 0 | 0 |
| 3 | 2,34091 | SISMAX_LM71_S X | LinStatic | 0 | 8,007 | 0 | 0 | 0 |
| 3 | 2,80909 | SISMAX_LM71_S X | LinStatic | 0 | 8,007 | 0 | 0 | 0 |
| 3 | 2,80909 | SISMAX_LM71_S X | LinStatic | 0 | 8,382 | 0 | 0 | 0 |
| 3 | 3,27727 | SISMAX_LM71_S X | LinStatic | 0 | 8,382 | 0 | 0 | 0 |
| 3 | 3,27727 | SISMAX_LM71_S X | LinStatic | 0 | 8,731 | 0 | 0 | 0 |
| 3 | 3,74545 | SISMAX_LM71_S X | LinStatic | 0 | 8,731 | 0 | 0 | 0 |
| 3 | 3,74545 | SISMAX_LM71_S X | LinStatic | 0 | 9,052 | 0 | 0 | 0 |
| 3 | 4,21364 | SISMAX_LM71_S X | LinStatic | 0 | 9,052 | 0 | 0 | 0 |
| 3 | 4,21364 | SISMAX_LM71_S X | LinStatic | 0 | 9,345 | 0 | 0 | 0 |
| 3 | 4,68182 | SISMAX_LM71_S X | LinStatic | 0 | 9,345 | 0 | 0 | 0 |
| 3 | 4,68182 | SISMAX_LM71_S X | LinStatic | 0 | 9,611 | 0 | 0 | 0 |
| 3 | 5,15 | SISMAX_LM71_S X | LinStatic | 0 | 9,611 | 0 | 0 | 0 |
| 3 | 0 | SISMAX_LM71_D X | LinStatic | 0 | 4,83 | 0 | 0 | 0 |
| 3 | 0,46818 | SISMAX_LM71_D X | LinStatic | 0 | 4,83 | 0 | 0 | 0 |
| 3 | 0,46818 | SISMAX_LM71_D X | LinStatic | 0 | 5,281 | 0 | 0 | 0 |
| 3 | 0,93636 | SISMAX_LM71_D X | LinStatic | 0 | 5,281 | 0 | 0 | 0 |
| 3 | 0,93636 | SISMAX_LM71_D X | LinStatic | 0 | 5,718 | 0 | 0 | 0 |
| 3 | 1,40455 | SISMAX_LM71_D X | LinStatic | 0 | 5,718 | 0 | 0 | 0 |
| 3 | 1,40455 | SISMAX_LM71_D X | LinStatic | 0 | 6,14 | 0 | 0 | 0 |
| 3 | 1,87273 | SISMAX_LM71_D X | LinStatic | 0 | 6,14 | 0 | 0 | 0 |
| 3 | 1,87273 | SISMAX_LM71_D X | LinStatic | 0 | 6,546 | 0 | 0 | 0 |
| 3 | 2,34091 | SISMAX_LM71_D X | LinStatic | 0 | 6,546 | 0 | 0 | 0 |
| 3 | 2,34091 | SISMAX_LM71_D X | LinStatic | 0 | 6,936 | 0 | 0 | 0 |
| 3 | 2,80909 | SISMAX_LM71_D X | LinStatic | 0 | 6,936 | 0 | 0 | 0 |
| 3 | 2,80909 | SISMAX_LM71_D X | LinStatic | 0 | 7,31 | 0 | 0 | 0 |
| 3 | 3,27727 | SISMAX_LM71_D X | LinStatic | 0 | 7,31 | 0 | 0 | 0 |
| 3 | 3,27727 | SISMAX_LM71_D X | LinStatic | 0 | 7,668 | 0 | 0 | 0 |
| 3 | 3,74545 | SISMAX_LM71_D X | LinStatic | 0 | 7,668 | 0 | 0 | 0 |
| 3 | 3,74545 | SISMAX_LM71_D X | LinStatic | 0 | 8,009 | 0 | 0 | 0 |
| 3 | 4,21364 | SISMAX_LM71_D X | LinStatic | 0 | 8,009 | 0 | 0 | 0 |
| 3 | 4,21364 | SISMAX_LM71_D X | LinStatic | 0 | 8,332 | 0 | 0 | 0 |
| 3 | 4,68182 | SISMAX_LM71_D X | LinStatic | 0 | 8,332 | 0 | 0 | 0 |
| 3 | 4,68182 | SISMAX_LM71_D X | LinStatic | 0 | 8,638 | 0 | 0 | 0 |
| 3 | 5,15 | SISMAX_LM71_D X | LinStatic | 0 | 8,638 | 0 | 0 | 0 |
| 3 | 0 | SISMAZ_LM71_S X | LinStatic | 0 | -3,207 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-----------|---------|----------|----------|-----------|------------|
| 3 | 0,46818 | SISMAZ_LM71_S X | LinStatic | 0 | -3,207 | 0 | 0 | 0 |
| 3 | 0,46818 | SISMAZ_LM71_S X | LinStatic | 0 | -3,579 | 0 | 0 | 0 |
| 3 | 0,93636 | SISMAZ_LM71_S X | LinStatic | 0 | -3,579 | 0 | 0 | 0 |
| 3 | 0,93636 | SISMAZ_LM71_S X | LinStatic | 0 | -3,955 | 0 | 0 | 0 |
| 3 | 1,40455 | SISMAZ_LM71_S X | LinStatic | 0 | -3,955 | 0 | 0 | 0 |
| 3 | 1,40455 | SISMAZ_LM71_S X | LinStatic | 0 | -4,336 | 0 | 0 | 0 |
| 3 | 1,87273 | SISMAZ_LM71_S X | LinStatic | 0 | -4,336 | 0 | 0 | 0 |
| 3 | 1,87273 | SISMAZ_LM71_S X | LinStatic | 0 | -4,72 | 0 | 0 | 0 |
| 3 | 2,34091 | SISMAZ_LM71_S X | LinStatic | 0 | -4,72 | 0 | 0 | 0 |
| 3 | 2,34091 | SISMAZ_LM71_S X | LinStatic | 0 | -5,108 | 0 | 0 | 0 |
| 3 | 2,80909 | SISMAZ_LM71_S X | LinStatic | 0 | -5,108 | 0 | 0 | 0 |
| 3 | 2,80909 | SISMAZ_LM71_S X | LinStatic | 0 | -5,5 | 0 | 0 | 0 |
| 3 | 3,27727 | SISMAZ_LM71_S X | LinStatic | 0 | -5,5 | 0 | 0 | 0 |
| 3 | 3,27727 | SISMAZ_LM71_S X | LinStatic | 0 | -5,895 | 0 | 0 | 0 |
| 3 | 3,74545 | SISMAZ_LM71_S X | LinStatic | 0 | -5,895 | 0 | 0 | 0 |
| 3 | 3,74545 | SISMAZ_LM71_S X | LinStatic | 0 | -6,293 | 0 | 0 | 0 |
| 3 | 4,21364 | SISMAZ_LM71_S X | LinStatic | 0 | -6,293 | 0 | 0 | 0 |
| 3 | 4,21364 | SISMAZ_LM71_S X | LinStatic | 0 | -6,694 | 0 | 0 | 0 |
| 3 | 4,68182 | SISMAZ_LM71_S X | LinStatic | 0 | -6,694 | 0 | 0 | 0 |
| 3 | 4,68182 | SISMAZ_LM71_S X | LinStatic | 0 | -7,097 | 0 | 0 | 0 |
| 3 | 5,15 | SISMAZ_LM71_S X | LinStatic | 0 | -7,097 | 0 | 0 | 0 |
| 3 | 0 | SISMAZ_LM71_D X | LinStatic | 0 | -1,154 | 0 | 0 | 0 |
| 3 | 0,46818 | SISMAZ_LM71_D X | LinStatic | 0 | -1,154 | 0 | 0 | 0 |
| 3 | 0,46818 | SISMAZ_LM71_D X | LinStatic | 0 | -1,338 | 0 | 0 | 0 |
| 3 | 0,93636 | SISMAZ_LM71_D X | LinStatic | 0 | -1,338 | 0 | 0 | 0 |
| 3 | 0,93636 | SISMAZ_LM71_D X | LinStatic | 0 | -1,533 | 0 | 0 | 0 |
| 3 | 1,40455 | SISMAZ_LM71_D X | LinStatic | 0 | -1,533 | 0 | 0 | 0 |
| 3 | 1,40455 | SISMAZ_LM71_D X | LinStatic | 0 | -1,74 | 0 | 0 | 0 |
| 3 | 1,87273 | SISMAZ_LM71_D X | LinStatic | 0 | -1,74 | 0 | 0 | 0 |
| 3 | 1,87273 | SISMAZ_LM71_D X | LinStatic | 0 | -1,958 | 0 | 0 | 0 |
| 3 | 2,34091 | SISMAZ_LM71_D X | LinStatic | 0 | -1,958 | 0 | 0 | 0 |
| 3 | 2,34091 | SISMAZ_LM71_D X | LinStatic | 0 | -2,188 | 0 | 0 | 0 |
| 3 | 2,80909 | SISMAZ_LM71_D X | LinStatic | 0 | -2,188 | 0 | 0 | 0 |
| 3 | 2,80909 | SISMAZ_LM71_D X | LinStatic | 0 | -2,428 | 0 | 0 | 0 |
| 3 | 3,27727 | SISMAZ_LM71_D X | LinStatic | 0 | -2,428 | 0 | 0 | 0 |
| 3 | 3,27727 | SISMAZ_LM71_D X | LinStatic | 0 | -2,68 | 0 | 0 | 0 |
| 3 | 3,74545 | SISMAZ_LM71_D X | LinStatic | 0 | -2,68 | 0 | 0 | 0 |
| 3 | 3,74545 | SISMAZ_LM71_D X | LinStatic | 0 | -2,943 | 0 | 0 | 0 |
| 3 | 4,21364 | SISMAZ_LM71_D X | LinStatic | 0 | -2,943 | 0 | 0 | 0 |
| 3 | 4,21364 | SISMAZ_LM71_D X | LinStatic | 0 | -3,217 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-------------|---------|----------|----------|-----------|------------|
| 3 | 4,68182 | SISMAZ_LM71_D X | LinStatic | 0 | -3,217 | 0 | 0 | 0 |
| 3 | 4,68182 | SISMAZ_LM71_D X | LinStatic | 0 | -3,502 | 0 | 0 | 0 |
| 3 | 5,15 | SISMAZ_LM71_D X | LinStatic | 0 | -3,502 | 0 | 0 | 0 |
| 3 | 0 | QP | Combination | 0 | -59,282 | 0 | 0 | 0 |
| 3 | 0,46818 | QP | Combination | 0 | -11,684 | 0 | 0 | 0 |
| 3 | 0,46818 | QP | Combination | 0 | -65,63 | 0 | 0 | 0 |
| 3 | 0,93636 | QP | Combination | 0 | -18,032 | 0 | 0 | 0 |
| 3 | 0,93636 | QP | Combination | 0 | -72,167 | 0 | 0 | 0 |
| 3 | 1,40455 | QP | Combination | 0 | -24,569 | 0 | 0 | 0 |
| 3 | 1,40455 | QP | Combination | 0 | -78,891 | 0 | 0 | 0 |
| 3 | 1,87273 | QP | Combination | 0 | -31,293 | 0 | 0 | 0 |
| 3 | 1,87273 | QP | Combination | 0 | -85,801 | 0 | 0 | 0 |
| 3 | 2,34091 | QP | Combination | 0 | -38,203 | 0 | 0 | 0 |
| 3 | 2,34091 | QP | Combination | 0 | -92,898 | 0 | 0 | 0 |
| 3 | 2,80909 | QP | Combination | 0 | -45,3 | 0 | 0 | 0 |
| 3 | 2,80909 | QP | Combination | 0 | -100,178 | 0 | 0 | 0 |
| 3 | 3,27727 | QP | Combination | 0 | -52,58 | 0 | 0 | 0 |
| 3 | 3,27727 | QP | Combination | 0 | -107,64 | 0 | 0 | 0 |
| 3 | 3,74545 | QP | Combination | 0 | -60,042 | 0 | 0 | 0 |
| 3 | 3,74545 | QP | Combination | 0 | -115,282 | 0 | 0 | 0 |
| 3 | 4,21364 | QP | Combination | 0 | -67,684 | 0 | 0 | 0 |
| 3 | 4,21364 | QP | Combination | 0 | -123,1 | 0 | 0 | 0 |
| 3 | 4,68182 | QP | Combination | 0 | -75,502 | 0 | 0 | 0 |
| 3 | 4,68182 | QP | Combination | 0 | -131,09 | 0 | 0 | 0 |
| 3 | 5,15 | QP | Combination | 0 | -83,492 | 0 | 0 | 0 |
| 4 | 0 | PP | LinStatic | 0 | -2,374 | 0 | 0 | 0 |
| 4 | 0,33333 | PP | LinStatic | 0 | 25,034 | 0 | 0 | 0 |
| 4 | 0,33333 | PP | LinStatic | 0 | -3,065 | 0 | 0 | 0 |
| 4 | 0,66667 | PP | LinStatic | 0 | 24,344 | 0 | 0 | 0 |
| 4 | 0,66667 | PP | LinStatic | 0 | -3,771 | 0 | 0 | 0 |
| 4 | 1 | PP | LinStatic | 0 | 23,637 | 0 | 0 | 0 |
| 4 | 0 | PPERM | LinStatic | 0 | -6,473 | 0 | 0 | 0 |
| 4 | 0,33333 | PPERM | LinStatic | 0 | 0,007164 | 0 | 0 | 0 |
| 4 | 0,33333 | PPERM | LinStatic | 0 | -6,204 | 0 | 0 | 0 |
| 4 | 0,66667 | PPERM | LinStatic | 0 | 0,276 | 0 | 0 | 0 |
| 4 | 0,66667 | PPERM | LinStatic | 0 | -5,938 | 0 | 0 | 0 |
| 4 | 1 | PPERM | LinStatic | 0 | 0,542 | 0 | 0 | 0 |
| 4 | 0 | BALLAST | LinStatic | 0 | -122,372 | 0 | 0 | 0 |
| 4 | 0,33333 | BALLAST | LinStatic | 0 | -107,972 | 0 | 0 | 0 |
| 4 | 0,33333 | BALLAST | LinStatic | 0 | -113,441 | 0 | 0 | 0 |
| 4 | 0,66667 | BALLAST | LinStatic | 0 | -99,041 | 0 | 0 | 0 |
| 4 | 0,66667 | BALLAST | LinStatic | 0 | -104,57 | 0 | 0 | 0 |
| 4 | 1 | BALLAST | LinStatic | 0 | -90,17 | 0 | 0 | 0 |
| 4 | 0 | LM71_SX | LinStatic | 0 | -249,699 | 0 | 0 | 0 |
| 4 | 0,33333 | LM71_SX | LinStatic | 0 | -249,699 | 0 | 0 | 0 |
| 4 | 0,33333 | LM71_SX | LinStatic | 0 | -259,41 | 0 | 0 | 0 |
| 4 | 0,66667 | LM71_SX | LinStatic | 0 | -259,41 | 0 | 0 | 0 |
| 4 | 0,66667 | LM71_SX | LinStatic | 0 | -269,144 | 0 | 0 | 0 |
| 4 | 1 | LM71_SX | LinStatic | 0 | -269,144 | 0 | 0 | 0 |
| 4 | 0 | LM71_DX | LinStatic | 0 | -125,946 | 0 | 0 | 0 |
| 4 | 0,33333 | LM71_DX | LinStatic | 0 | -125,946 | 0 | 0 | 0 |
| 4 | 0,33333 | LM71_DX | LinStatic | 0 | -133,183 | 0 | 0 | 0 |
| 4 | 0,66667 | LM71_DX | LinStatic | 0 | -133,183 | 0 | 0 | 0 |
| 4 | 0,66667 | LM71_DX | LinStatic | 0 | -140,598 | 0 | 0 | 0 |
| 4 | 1 | LM71_DX | LinStatic | 0 | -140,598 | 0 | 0 | 0 |
| 4 | 0 | ACC_SX | LinStatic | 0 | 11,704 | 0 | 0 | 0 |
| 4 | 0,33333 | ACC_SX | LinStatic | 0 | 11,704 | 0 | 0 | 0 |
| 4 | 0,33333 | ACC_SX | LinStatic | 0 | 7,858 | 0 | 0 | 0 |
| 4 | 0,66667 | ACC_SX | LinStatic | 0 | 7,858 | 0 | 0 | 0 |
| 4 | 0,66667 | ACC_SX | LinStatic | 0 | 4,186 | 0 | 0 | 0 |
| 4 | 1 | ACC_SX | LinStatic | 0 | 4,186 | 0 | 0 | 0 |
| 4 | 0 | ACC_DX | LinStatic | 0 | 38,121 | 0 | 0 | 0 |
| 4 | 0,33333 | ACC_DX | LinStatic | 0 | 38,121 | 0 | 0 | 0 |
| 4 | 0,33333 | ACC_DX | LinStatic | 0 | 37,832 | 0 | 0 | 0 |
| 4 | 0,66667 | ACC_DX | LinStatic | 0 | 37,832 | 0 | 0 | 0 |
| 4 | 0,66667 | ACC_DX | LinStatic | 0 | 37,42 | 0 | 0 | 0 |
| 4 | 1 | ACC_DX | LinStatic | 0 | 37,42 | 0 | 0 | 0 |
| 4 | 0 | SISMAX_PP | LinStatic | 0 | 77,918 | 0 | 0 | 0 |
| 4 | 0,33333 | SISMAX_PP | LinStatic | 0 | 77,918 | 0 | 0 | 0 |
| 4 | 0,33333 | SISMAX_PP | LinStatic | 0 | 79,168 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-------------|---------|----------|----------|-----------|------------|
| 4 | 0,66667 | SISMAX_PP | LinStatic | 0 | 79,168 | 0 | 0 | 0 |
| 4 | 0,66667 | SISMAX_PP | LinStatic | 0 | 80,316 | 0 | 0 | 0 |
| 4 | 1 | SISMAX_PP | LinStatic | 0 | 80,316 | 0 | 0 | 0 |
| 4 | 0 | SISMAZ_PP | LinStatic | 0 | -17,401 | 0 | 0 | 0 |
| 4 | 0,33333 | SISMAZ_PP | LinStatic | 0 | -10,201 | 0 | 0 | 0 |
| 4 | 0,33333 | SISMAZ_PP | LinStatic | 0 | -15,978 | 0 | 0 | 0 |
| 4 | 0,66667 | SISMAZ_PP | LinStatic | 0 | -8,778 | 0 | 0 | 0 |
| 4 | 0,66667 | SISMAZ_PP | LinStatic | 0 | -14,57 | 0 | 0 | 0 |
| 4 | 1 | SISMAZ_PP | LinStatic | 0 | -7,37 | 0 | 0 | 0 |
| 4 | 0 | SISMAX_LM71_S X | LinStatic | 0 | 9,813 | 0 | 0 | 0 |
| 4 | 0,33333 | SISMAX_LM71_S X | LinStatic | 0 | 9,813 | 0 | 0 | 0 |
| 4 | 0,33333 | SISMAX_LM71_S X | LinStatic | 0 | 9,966 | 0 | 0 | 0 |
| 4 | 0,66667 | SISMAX_LM71_S X | LinStatic | 0 | 9,966 | 0 | 0 | 0 |
| 4 | 0,66667 | SISMAX_LM71_S X | LinStatic | 0 | 10,104 | 0 | 0 | 0 |
| 4 | 1 | SISMAX_LM71_S X | LinStatic | 0 | 10,104 | 0 | 0 | 0 |
| 4 | 0 | SISMAX_LM71_D X | LinStatic | 0 | 8,884 | 0 | 0 | 0 |
| 4 | 0,33333 | SISMAX_LM71_D X | LinStatic | 0 | 8,884 | 0 | 0 | 0 |
| 4 | 0,33333 | SISMAX_LM71_D X | LinStatic | 0 | 9,079 | 0 | 0 | 0 |
| 4 | 0,66667 | SISMAX_LM71_D X | LinStatic | 0 | 9,079 | 0 | 0 | 0 |
| 4 | 0,66667 | SISMAX_LM71_D X | LinStatic | 0 | 9,264 | 0 | 0 | 0 |
| 4 | 1 | SISMAX_LM71_D X | LinStatic | 0 | 9,264 | 0 | 0 | 0 |
| 4 | 0 | SISMAZ_LM71_S X | LinStatic | 0 | -7,444 | 0 | 0 | 0 |
| 4 | 0,33333 | SISMAZ_LM71_S X | LinStatic | 0 | -7,444 | 0 | 0 | 0 |
| 4 | 0,33333 | SISMAZ_LM71_S X | LinStatic | 0 | -7,734 | 0 | 0 | 0 |
| 4 | 0,66667 | SISMAZ_LM71_S X | LinStatic | 0 | -7,734 | 0 | 0 | 0 |
| 4 | 0,66667 | SISMAZ_LM71_S X | LinStatic | 0 | -8,024 | 0 | 0 | 0 |
| 4 | 1 | SISMAZ_LM71_S X | LinStatic | 0 | -8,024 | 0 | 0 | 0 |
| 4 | 0 | SISMAZ_LM71_D X | LinStatic | 0 | -3,755 | 0 | 0 | 0 |
| 4 | 0,33333 | SISMAZ_LM71_D X | LinStatic | 0 | -3,755 | 0 | 0 | 0 |
| 4 | 0,33333 | SISMAZ_LM71_D X | LinStatic | 0 | -3,971 | 0 | 0 | 0 |
| 4 | 0,66667 | SISMAZ_LM71_D X | LinStatic | 0 | -3,971 | 0 | 0 | 0 |
| 4 | 0,66667 | SISMAZ_LM71_D X | LinStatic | 0 | -4,192 | 0 | 0 | 0 |
| 4 | 1 | SISMAZ_LM71_D X | LinStatic | 0 | -4,192 | 0 | 0 | 0 |
| 4 | 0 | QP | Combination | 0 | -131,219 | 0 | 0 | 0 |
| 4 | 0,33333 | QP | Combination | 0 | -82,93 | 0 | 0 | 0 |
| 4 | 0,33333 | QP | Combination | 0 | -122,71 | 0 | 0 | 0 |
| 4 | 0,66667 | QP | Combination | 0 | -74,421 | 0 | 0 | 0 |
| 4 | 0,66667 | QP | Combination | 0 | -114,28 | 0 | 0 | 0 |
| 4 | 1 | QP | Combination | 0 | -65,991 | 0 | 0 | 0 |
| 5 | 0 | PP | LinStatic | 0 | -10,322 | 0 | 0 | 0 |
| 5 | 0,47143 | PP | LinStatic | 0 | 28,442 | 0 | 0 | 0 |
| 5 | 0,47143 | PP | LinStatic | 0 | -11,38 | 0 | 0 | 0 |
| 5 | 0,94286 | PP | LinStatic | 0 | 27,384 | 0 | 0 | 0 |
| 5 | 0,94286 | PP | LinStatic | 0 | -12,475 | 0 | 0 | 0 |
| 5 | 1,41429 | PP | LinStatic | 0 | 26,288 | 0 | 0 | 0 |
| 5 | 1,41429 | PP | LinStatic | 0 | -13,612 | 0 | 0 | 0 |
| 5 | 1,88571 | PP | LinStatic | 0 | 25,152 | 0 | 0 | 0 |
| 5 | 1,88571 | PP | LinStatic | 0 | -14,792 | 0 | 0 | 0 |
| 5 | 2,35714 | PP | LinStatic | 0 | 23,972 | 0 | 0 | 0 |
| 5 | 2,35714 | PP | LinStatic | 0 | -16,017 | 0 | 0 | 0 |
| 5 | 2,82857 | PP | LinStatic | 0 | 22,746 | 0 | 0 | 0 |
| 5 | 2,82857 | PP | LinStatic | 0 | -17,292 | 0 | 0 | 0 |
| 5 | 3,3 | PP | LinStatic | 0 | 21,472 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|---------|----------|----------|-----------|------------|
| 5 | 0 | PPERM | LinStatic | 0 | -6,964 | 0 | 0 | 0 |
| 5 | 0,47143 | PPERM | LinStatic | 0 | 2,201 | 0 | 0 | 0 |
| 5 | 0,47143 | PPERM | LinStatic | 0 | -6,599 | 0 | 0 | 0 |
| 5 | 0,94286 | PPERM | LinStatic | 0 | 2,566 | 0 | 0 | 0 |
| 5 | 0,94286 | PPERM | LinStatic | 0 | -6,239 | 0 | 0 | 0 |
| 5 | 1,41429 | PPERM | LinStatic | 0 | 2,926 | 0 | 0 | 0 |
| 5 | 1,41429 | PPERM | LinStatic | 0 | -5,883 | 0 | 0 | 0 |
| 5 | 1,88571 | PPERM | LinStatic | 0 | 3,282 | 0 | 0 | 0 |
| 5 | 1,88571 | PPERM | LinStatic | 0 | -5,53 | 0 | 0 | 0 |
| 5 | 2,35714 | PPERM | LinStatic | 0 | 3,635 | 0 | 0 | 0 |
| 5 | 2,35714 | PPERM | LinStatic | 0 | -5,179 | 0 | 0 | 0 |
| 5 | 2,82857 | PPERM | LinStatic | 0 | 3,985 | 0 | 0 | 0 |
| 5 | 2,82857 | PPERM | LinStatic | 0 | -4,83 | 0 | 0 | 0 |
| 5 | 3,3 | PPERM | LinStatic | 0 | 4,334 | 0 | 0 | 0 |
| 5 | 0 | BALLAST | LinStatic | 0 | -96,913 | 0 | 0 | 0 |
| 5 | 0,47143 | BALLAST | LinStatic | 0 | -76,547 | 0 | 0 | 0 |
| 5 | 0,47143 | BALLAST | LinStatic | 0 | -84,55 | 0 | 0 | 0 |
| 5 | 0,94286 | BALLAST | LinStatic | 0 | -64,185 | 0 | 0 | 0 |
| 5 | 0,94286 | BALLAST | LinStatic | 0 | -72,279 | 0 | 0 | 0 |
| 5 | 1,41429 | BALLAST | LinStatic | 0 | -51,913 | 0 | 0 | 0 |
| 5 | 1,41429 | BALLAST | LinStatic | 0 | -60,086 | 0 | 0 | 0 |
| 5 | 1,88571 | BALLAST | LinStatic | 0 | -39,721 | 0 | 0 | 0 |
| 5 | 1,88571 | BALLAST | LinStatic | 0 | -47,96 | 0 | 0 | 0 |
| 5 | 2,35714 | BALLAST | LinStatic | 0 | -27,594 | 0 | 0 | 0 |
| 5 | 2,35714 | BALLAST | LinStatic | 0 | -35,886 | 0 | 0 | 0 |
| 5 | 2,82857 | BALLAST | LinStatic | 0 | -15,52 | 0 | 0 | 0 |
| 5 | 2,82857 | BALLAST | LinStatic | 0 | -23,852 | 0 | 0 | 0 |
| 5 | 3,3 | BALLAST | LinStatic | 0 | -3,486 | 0 | 0 | 0 |
| 5 | 0 | LM71_SX | LinStatic | 0 | -280,914 | 0 | 0 | 0 |
| 5 | 0,47143 | LM71_SX | LinStatic | 0 | -192,361 | 0 | 0 | 0 |
| 5 | 0,47143 | LM71_SX | LinStatic | 0 | -206,161 | 0 | 0 | 0 |
| 5 | 0,94286 | LM71_SX | LinStatic | 0 | -117,608 | 0 | 0 | 0 |
| 5 | 0,94286 | LM71_SX | LinStatic | 0 | -131,385 | 0 | 0 | 0 |
| 5 | 1,41429 | LM71_SX | LinStatic | 0 | -42,832 | 0 | 0 | 0 |
| 5 | 1,41429 | LM71_SX | LinStatic | 0 | -56,553 | 0 | 0 | 0 |
| 5 | 1,88571 | LM71_SX | LinStatic | 0 | 32 | 0 | 0 | 0 |
| 5 | 1,88571 | LM71_SX | LinStatic | 0 | 18,37 | 0 | 0 | 0 |
| 5 | 2,35714 | LM71_SX | LinStatic | 0 | 106,923 | 0 | 0 | 0 |
| 5 | 2,35714 | LM71_SX | LinStatic | 0 | 93,418 | 0 | 0 | 0 |
| 5 | 2,82857 | LM71_SX | LinStatic | 0 | 181,971 | 0 | 0 | 0 |
| 5 | 2,82857 | LM71_SX | LinStatic | 0 | 168,627 | 0 | 0 | 0 |
| 5 | 3,3 | LM71_SX | LinStatic | 0 | 257,18 | 0 | 0 | 0 |
| 5 | 0 | LM71_DX | LinStatic | 0 | -149,76 | 0 | 0 | 0 |
| 5 | 0,47143 | LM71_DX | LinStatic | 0 | -149,76 | 0 | 0 | 0 |
| 5 | 0,47143 | LM71_DX | LinStatic | 0 | -160,837 | 0 | 0 | 0 |
| 5 | 0,94286 | LM71_DX | LinStatic | 0 | -160,837 | 0 | 0 | 0 |
| 5 | 0,94286 | LM71_DX | LinStatic | 0 | -172,248 | 0 | 0 | 0 |
| 5 | 1,41429 | LM71_DX | LinStatic | 0 | -172,248 | 0 | 0 | 0 |
| 5 | 1,41429 | LM71_DX | LinStatic | 0 | -183,984 | 0 | 0 | 0 |
| 5 | 1,88571 | LM71_DX | LinStatic | 0 | -183,984 | 0 | 0 | 0 |
| 5 | 1,88571 | LM71_DX | LinStatic | 0 | -196,033 | 0 | 0 | 0 |
| 5 | 2,35714 | LM71_DX | LinStatic | 0 | -196,033 | 0 | 0 | 0 |
| 5 | 2,35714 | LM71_DX | LinStatic | 0 | -208,383 | 0 | 0 | 0 |
| 5 | 2,82857 | LM71_DX | LinStatic | 0 | -208,383 | 0 | 0 | 0 |
| 5 | 2,82857 | LM71_DX | LinStatic | 0 | -221,019 | 0 | 0 | 0 |
| 5 | 3,3 | LM71_DX | LinStatic | 0 | -221,019 | 0 | 0 | 0 |
| 5 | 0 | ACC_SX | LinStatic | 0 | -0,04 | 0 | 0 | 0 |
| 5 | 0,47143 | ACC_SX | LinStatic | 0 | -0,04 | 0 | 0 | 0 |
| 5 | 0,47143 | ACC_SX | LinStatic | 0 | -4,656 | 0 | 0 | 0 |
| 5 | 0,94286 | ACC_SX | LinStatic | 0 | -4,656 | 0 | 0 | 0 |
| 5 | 0,94286 | ACC_SX | LinStatic | 0 | -8,942 | 0 | 0 | 0 |
| 5 | 1,41429 | ACC_SX | LinStatic | 0 | -8,942 | 0 | 0 | 0 |
| 5 | 1,41429 | ACC_SX | LinStatic | 0 | -12,907 | 0 | 0 | 0 |
| 5 | 1,88571 | ACC_SX | LinStatic | 0 | -12,907 | 0 | 0 | 0 |
| 5 | 1,88571 | ACC_SX | LinStatic | 0 | -16,558 | 0 | 0 | 0 |
| 5 | 2,35714 | ACC_SX | LinStatic | 0 | -16,558 | 0 | 0 | 0 |
| 5 | 2,35714 | ACC_SX | LinStatic | 0 | -19,902 | 0 | 0 | 0 |
| 5 | 2,82857 | ACC_SX | LinStatic | 0 | -19,902 | 0 | 0 | 0 |
| 5 | 2,82857 | ACC_SX | LinStatic | 0 | -22,946 | 0 | 0 | 0 |
| 5 | 3,3 | ACC_SX | LinStatic | 0 | -22,946 | 0 | 0 | 0 |
| 5 | 0 | ACC_DX | LinStatic | 0 | 36,774 | 0 | 0 | 0 |
| 5 | 0,47143 | ACC_DX | LinStatic | 0 | 36,774 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-----------|---------|----------|----------|-----------|------------|
| 5 | 0,47143 | ACC_DX | LinStatic | 0 | 35,766 | 0 | 0 | 0 |
| 5 | 0,94286 | ACC_DX | LinStatic | 0 | 35,766 | 0 | 0 | 0 |
| 5 | 0,94286 | ACC_DX | LinStatic | 0 | 34,501 | 0 | 0 | 0 |
| 5 | 1,41429 | ACC_DX | LinStatic | 0 | 34,501 | 0 | 0 | 0 |
| 5 | 1,41429 | ACC_DX | LinStatic | 0 | 32,975 | 0 | 0 | 0 |
| 5 | 1,88571 | ACC_DX | LinStatic | 0 | 32,975 | 0 | 0 | 0 |
| 5 | 1,88571 | ACC_DX | LinStatic | 0 | 31,183 | 0 | 0 | 0 |
| 5 | 2,35714 | ACC_DX | LinStatic | 0 | 31,183 | 0 | 0 | 0 |
| 5 | 2,35714 | ACC_DX | LinStatic | 0 | 29,118 | 0 | 0 | 0 |
| 5 | 2,82857 | ACC_DX | LinStatic | 0 | 29,118 | 0 | 0 | 0 |
| 5 | 2,82857 | ACC_DX | LinStatic | 0 | 26,775 | 0 | 0 | 0 |
| 5 | 3,3 | ACC_DX | LinStatic | 0 | 26,775 | 0 | 0 | 0 |
| 5 | 0 | SISMAX_PP | LinStatic | 0 | 81,579 | 0 | 0 | 0 |
| 5 | 0,47143 | SISMAX_PP | LinStatic | 0 | 81,579 | 0 | 0 | 0 |
| 5 | 0,47143 | SISMAX_PP | LinStatic | 0 | 82,856 | 0 | 0 | 0 |
| 5 | 0,94286 | SISMAX_PP | LinStatic | 0 | 82,856 | 0 | 0 | 0 |
| 5 | 0,94286 | SISMAX_PP | LinStatic | 0 | 83,929 | 0 | 0 | 0 |
| 5 | 1,41429 | SISMAX_PP | LinStatic | 0 | 83,929 | 0 | 0 | 0 |
| 5 | 1,41429 | SISMAX_PP | LinStatic | 0 | 84,799 | 0 | 0 | 0 |
| 5 | 1,88571 | SISMAX_PP | LinStatic | 0 | 84,799 | 0 | 0 | 0 |
| 5 | 1,88571 | SISMAX_PP | LinStatic | 0 | 85,466 | 0 | 0 | 0 |
| 5 | 2,35714 | SISMAX_PP | LinStatic | 0 | 85,466 | 0 | 0 | 0 |
| 5 | 2,35714 | SISMAX_PP | LinStatic | 0 | 85,929 | 0 | 0 | 0 |
| 5 | 2,82857 | SISMAX_PP | LinStatic | 0 | 85,929 | 0 | 0 | 0 |
| 5 | 2,82857 | SISMAX_PP | LinStatic | 0 | 86,189 | 0 | 0 | 0 |
| 5 | 3,3 | SISMAX_PP | LinStatic | 0 | 86,189 | 0 | 0 | 0 |
| 5 | 0 | SISMAZ_PP | LinStatic | 0 | -14,377 | 0 | 0 | 0 |
| 5 | 0,47143 | SISMAZ_PP | LinStatic | 0 | -4,194 | 0 | 0 | 0 |
| 5 | 0,47143 | SISMAZ_PP | LinStatic | 0 | -12,428 | 0 | 0 | 0 |
| 5 | 0,94286 | SISMAZ_PP | LinStatic | 0 | -2,245 | 0 | 0 | 0 |
| 5 | 0,94286 | SISMAZ_PP | LinStatic | 0 | -10,503 | 0 | 0 | 0 |
| 5 | 1,41429 | SISMAZ_PP | LinStatic | 0 | -0,32 | 0 | 0 | 0 |
| 5 | 1,41429 | SISMAZ_PP | LinStatic | 0 | -8,598 | 0 | 0 | 0 |
| 5 | 1,88571 | SISMAZ_PP | LinStatic | 0 | 1,585 | 0 | 0 | 0 |
| 5 | 1,88571 | SISMAZ_PP | LinStatic | 0 | -6,711 | 0 | 0 | 0 |
| 5 | 2,35714 | SISMAZ_PP | LinStatic | 0 | 3,472 | 0 | 0 | 0 |
| 5 | 2,35714 | SISMAZ_PP | LinStatic | 0 | -4,841 | 0 | 0 | 0 |
| 5 | 2,82857 | SISMAZ_PP | LinStatic | 0 | 5,342 | 0 | 0 | 0 |
| 5 | 2,82857 | SISMAZ_PP | LinStatic | 0 | -2,985 | 0 | 0 | 0 |
| 5 | 3,3 | SISMAZ_PP | LinStatic | 0 | 7,198 | 0 | 0 | 0 |
| 5 | 0 | SISMAX_LM71_S X | LinStatic | 0 | 10,252 | 0 | 0 | 0 |
| 5 | 0,47143 | SISMAX_LM71_S X | LinStatic | 0 | 10,252 | 0 | 0 | 0 |
| 5 | 0,47143 | SISMAX_LM71_S X | LinStatic | 0 | 10,393 | 0 | 0 | 0 |
| 5 | 0,94286 | SISMAX_LM71_S X | LinStatic | 0 | 10,393 | 0 | 0 | 0 |
| 5 | 0,94286 | SISMAX_LM71_S X | LinStatic | 0 | 10,502 | 0 | 0 | 0 |
| 5 | 1,41429 | SISMAX_LM71_S X | LinStatic | 0 | 10,502 | 0 | 0 | 0 |
| 5 | 1,41429 | SISMAX_LM71_S X | LinStatic | 0 | 10,577 | 0 | 0 | 0 |
| 5 | 1,88571 | SISMAX_LM71_S X | LinStatic | 0 | 10,577 | 0 | 0 | 0 |
| 5 | 1,88571 | SISMAX_LM71_S X | LinStatic | 0 | 10,62 | 0 | 0 | 0 |
| 5 | 2,35714 | SISMAX_LM71_S X | LinStatic | 0 | 10,62 | 0 | 0 | 0 |
| 5 | 2,35714 | SISMAX_LM71_S X | LinStatic | 0 | 10,63 | 0 | 0 | 0 |
| 5 | 2,82857 | SISMAX_LM71_S X | LinStatic | 0 | 10,63 | 0 | 0 | 0 |
| 5 | 2,82857 | SISMAX_LM71_S X | LinStatic | 0 | 10,608 | 0 | 0 | 0 |
| 5 | 3,3 | SISMAX_LM71_S X | LinStatic | 0 | 10,608 | 0 | 0 | 0 |
| 5 | 0 | SISMAX_LM71_D X | LinStatic | 0 | 9,475 | 0 | 0 | 0 |
| 5 | 0,47143 | SISMAX_LM71_D X | LinStatic | 0 | 9,475 | 0 | 0 | 0 |
| 5 | 0,47143 | SISMAX_LM71_D X | LinStatic | 0 | 9,701 | 0 | 0 | 0 |
| 5 | 0,94286 | SISMAX_LM71_D X | LinStatic | 0 | 9,701 | 0 | 0 | 0 |



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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-------------|---------|----------|----------|-----------|------------|
| 5 | 0,94286 | SISMAX_LM71_D X | LinStatic | 0 | 9,905 | 0 | 0 | 0 |
| 5 | 1,41429 | SISMAX_LM71_D X | LinStatic | 0 | 9,905 | 0 | 0 | 0 |
| 5 | 1,41429 | SISMAX_LM71_D X | LinStatic | 0 | 10,087 | 0 | 0 | 0 |
| 5 | 1,88571 | SISMAX_LM71_D X | LinStatic | 0 | 10,087 | 0 | 0 | 0 |
| 5 | 1,88571 | SISMAX_LM71_D X | LinStatic | 0 | 10,244 | 0 | 0 | 0 |
| 5 | 2,35714 | SISMAX_LM71_D X | LinStatic | 0 | 10,244 | 0 | 0 | 0 |
| 5 | 2,35714 | SISMAX_LM71_D X | LinStatic | 0 | 10,377 | 0 | 0 | 0 |
| 5 | 2,82857 | SISMAX_LM71_D X | LinStatic | 0 | 10,377 | 0 | 0 | 0 |
| 5 | 2,82857 | SISMAX_LM71_D X | LinStatic | 0 | 10,483 | 0 | 0 | 0 |
| 5 | 3,3 | SISMAX_LM71_D X | LinStatic | 0 | 10,483 | 0 | 0 | 0 |
| 5 | 0 | SISMAZ_LM71_S X | LinStatic | 0 | -8,375 | 0 | 0 | 0 |
| 5 | 0,47143 | SISMAZ_LM71_S X | LinStatic | 0 | -5,735 | 0 | 0 | 0 |
| 5 | 0,47143 | SISMAZ_LM71_S X | LinStatic | 0 | -6,146 | 0 | 0 | 0 |
| 5 | 0,94286 | SISMAZ_LM71_S X | LinStatic | 0 | -3,506 | 0 | 0 | 0 |
| 5 | 0,94286 | SISMAZ_LM71_S X | LinStatic | 0 | -3,917 | 0 | 0 | 0 |
| 5 | 1,41429 | SISMAZ_LM71_S X | LinStatic | 0 | -1,277 | 0 | 0 | 0 |
| 5 | 1,41429 | SISMAZ_LM71_S X | LinStatic | 0 | -1,686 | 0 | 0 | 0 |
| 5 | 1,88571 | SISMAZ_LM71_S X | LinStatic | 0 | 0,954 | 0 | 0 | 0 |
| 5 | 1,88571 | SISMAZ_LM71_S X | LinStatic | 0 | 0,548 | 0 | 0 | 0 |
| 5 | 2,35714 | SISMAZ_LM71_S X | LinStatic | 0 | 3,188 | 0 | 0 | 0 |
| 5 | 2,35714 | SISMAZ_LM71_S X | LinStatic | 0 | 2,785 | 0 | 0 | 0 |
| 5 | 2,82857 | SISMAZ_LM71_S X | LinStatic | 0 | 5,425 | 0 | 0 | 0 |
| 5 | 2,82857 | SISMAZ_LM71_S X | LinStatic | 0 | 5,027 | 0 | 0 | 0 |
| 5 | 3,3 | SISMAZ_LM71_S X | LinStatic | 0 | 7,667 | 0 | 0 | 0 |
| 5 | 0 | SISMAZ_LM71_D X | LinStatic | 0 | -4,465 | 0 | 0 | 0 |
| 5 | 0,47143 | SISMAZ_LM71_D X | LinStatic | 0 | -4,465 | 0 | 0 | 0 |
| 5 | 0,47143 | SISMAZ_LM71_D X | LinStatic | 0 | -4,795 | 0 | 0 | 0 |
| 5 | 0,94286 | SISMAZ_LM71_D X | LinStatic | 0 | -4,795 | 0 | 0 | 0 |
| 5 | 0,94286 | SISMAZ_LM71_D X | LinStatic | 0 | -5,135 | 0 | 0 | 0 |
| 5 | 1,41429 | SISMAZ_LM71_D X | LinStatic | 0 | -5,135 | 0 | 0 | 0 |
| 5 | 1,41429 | SISMAZ_LM71_D X | LinStatic | 0 | -5,485 | 0 | 0 | 0 |
| 5 | 1,88571 | SISMAZ_LM71_D X | LinStatic | 0 | -5,485 | 0 | 0 | 0 |
| 5 | 1,88571 | SISMAZ_LM71_D X | LinStatic | 0 | -5,844 | 0 | 0 | 0 |
| 5 | 2,35714 | SISMAZ_LM71_D X | LinStatic | 0 | -5,844 | 0 | 0 | 0 |
| 5 | 2,35714 | SISMAZ_LM71_D X | LinStatic | 0 | -6,212 | 0 | 0 | 0 |
| 5 | 2,82857 | SISMAZ_LM71_D X | LinStatic | 0 | -6,212 | 0 | 0 | 0 |
| 5 | 2,82857 | SISMAZ_LM71_D X | LinStatic | 0 | -6,589 | 0 | 0 | 0 |
| 5 | 3,3 | SISMAZ_LM71_D X | LinStatic | 0 | -6,589 | 0 | 0 | 0 |
| 5 | 0 | QP | Combination | 0 | -114,199 | 0 | 0 | 0 |
| 5 | 0,47143 | QP | Combination | 0 | -45,905 | 0 | 0 | 0 |
| 5 | 0,47143 | QP | Combination | 0 | -102,529 | 0 | 0 | 0 |
| 5 | 0,94286 | QP | Combination | 0 | -34,235 | 0 | 0 | 0 |
| 5 | 0,94286 | QP | Combination | 0 | -90,993 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-------------|---------|----------|----------|-----------|------------|
| 5 | 1,41429 | QP | Combination | 0 | -22,699 | 0 | 0 | 0 |
| 5 | 1,41429 | QP | Combination | 0 | -79,581 | 0 | 0 | 0 |
| 5 | 1,88571 | QP | Combination | 0 | -11,287 | 0 | 0 | 0 |
| 5 | 1,88571 | QP | Combination | 0 | -68,281 | 0 | 0 | 0 |
| 5 | 2,35714 | QP | Combination | 0 | 0,013 | 0 | 0 | 0 |
| 5 | 2,35714 | QP | Combination | 0 | -57,083 | 0 | 0 | 0 |
| 5 | 2,82857 | QP | Combination | 0 | 11,211 | 0 | 0 | 0 |
| 5 | 2,82857 | QP | Combination | 0 | -45,974 | 0 | 0 | 0 |
| 5 | 3,3 | QP | Combination | 0 | 22,32 | 0 | 0 | 0 |
| 6 | 0 | PP | LinStatic | 0 | -13,455 | 0 | 0 | 0 |
| 6 | 0,35 | PP | LinStatic | 0 | 15,324 | 0 | 0 | 0 |
| 6 | 0 | PPERM | LinStatic | 0 | -3,347 | 0 | 0 | 0 |
| 6 | 0,35 | PPERM | LinStatic | 0 | 3,457 | 0 | 0 | 0 |
| 6 | 0 | BALLAST | LinStatic | 0 | -10,767 | 0 | 0 | 0 |
| 6 | 0,35 | BALLAST | LinStatic | 0 | 4,353 | 0 | 0 | 0 |
| 6 | 0 | LM71_SX | LinStatic | 0 | 245,722 | 0 | 0 | 0 |
| 6 | 0,35 | LM71_SX | LinStatic | 0 | 245,722 | 0 | 0 | 0 |
| 6 | 0 | LM71_DX | LinStatic | 0 | -232,264 | 0 | 0 | 0 |
| 6 | 0,35 | LM71_DX | LinStatic | 0 | -232,264 | 0 | 0 | 0 |
| 6 | 0 | ACC_SX | LinStatic | 0 | -25,342 | 0 | 0 | 0 |
| 6 | 0,35 | ACC_SX | LinStatic | 0 | -25,342 | 0 | 0 | 0 |
| 6 | 0 | ACC_DX | LinStatic | 0 | 24,486 | 0 | 0 | 0 |
| 6 | 0,35 | ACC_DX | LinStatic | 0 | 24,486 | 0 | 0 | 0 |
| 6 | 0 | SISMAX_PP | LinStatic | 0 | 86,239 | 0 | 0 | 0 |
| 6 | 0,35 | SISMAX_PP | LinStatic | 0 | 86,239 | 0 | 0 | 0 |
| 6 | 0 | SISMAZ_PP | LinStatic | 0 | -0,067 | 0 | 0 | 0 |
| 6 | 0,35 | SISMAZ_PP | LinStatic | 0 | 7,493 | 0 | 0 | 0 |
| 6 | 0 | SISMAX_LM71_S X | LinStatic | 0 | 10,563 | 0 | 0 | 0 |
| 6 | 0,35 | SISMAX_LM71_S X | LinStatic | 0 | 10,563 | 0 | 0 | 0 |
| 6 | 0 | SISMAX_LM71_D X | LinStatic | 0 | 10,552 | 0 | 0 | 0 |
| 6 | 0,35 | SISMAX_LM71_D X | LinStatic | 0 | 10,552 | 0 | 0 | 0 |
| 6 | 0 | SISMAZ_LM71_S X | LinStatic | 0 | 7,326 | 0 | 0 | 0 |
| 6 | 0,35 | SISMAZ_LM71_S X | LinStatic | 0 | 7,326 | 0 | 0 | 0 |
| 6 | 0 | SISMAZ_LM71_D X | LinStatic | 0 | -6,924 | 0 | 0 | 0 |
| 6 | 0,35 | SISMAZ_LM71_D X | LinStatic | 0 | -6,924 | 0 | 0 | 0 |
| 6 | 0 | QP | Combination | 0 | -27,569 | 0 | 0 | 0 |
| 6 | 0,35 | QP | Combination | 0 | 23,134 | 0 | 0 | 0 |
| 7 | 0 | PP | LinStatic | 0 | -14,47 | 0 | 0 | 0 |
| 7 | 0,35 | PP | LinStatic | 0 | 14,309 | 0 | 0 | 0 |
| 7 | 0 | PPERM | LinStatic | 0 | -3,088 | 0 | 0 | 0 |
| 7 | 0,35 | PPERM | LinStatic | 0 | 3,716 | 0 | 0 | 0 |
| 7 | 0 | BALLAST | LinStatic | 0 | -1,859 | 0 | 0 | 0 |
| 7 | 0,35 | BALLAST | LinStatic | 0 | 13,261 | 0 | 0 | 0 |
| 7 | 0 | LM71_SX | LinStatic | 0 | 236,077 | 0 | 0 | 0 |
| 7 | 0,35 | LM71_SX | LinStatic | 0 | 236,077 | 0 | 0 | 0 |
| 7 | 0 | LM71_DX | LinStatic | 0 | -241,988 | 0 | 0 | 0 |
| 7 | 0,35 | LM71_DX | LinStatic | 0 | -241,988 | 0 | 0 | 0 |
| 7 | 0 | ACC_SX | LinStatic | 0 | -27,225 | 0 | 0 | 0 |
| 7 | 0,35 | ACC_SX | LinStatic | 0 | -27,225 | 0 | 0 | 0 |
| 7 | 0 | ACC_DX | LinStatic | 0 | 22,376 | 0 | 0 | 0 |
| 7 | 0,35 | ACC_DX | LinStatic | 0 | 22,376 | 0 | 0 | 0 |
| 7 | 0 | SISMAX_PP | LinStatic | 0 | 86,168 | 0 | 0 | 0 |
| 7 | 0,35 | SISMAX_PP | LinStatic | 0 | 86,168 | 0 | 0 | 0 |
| 7 | 0 | SISMAZ_PP | LinStatic | 0 | 1,297 | 0 | 0 | 0 |
| 7 | 0,35 | SISMAZ_PP | LinStatic | 0 | 8,857 | 0 | 0 | 0 |
| 7 | 0 | SISMAX_LM71_S X | LinStatic | 0 | 10,508 | 0 | 0 | 0 |
| 7 | 0,35 | SISMAX_LM71_S X | LinStatic | 0 | 10,508 | 0 | 0 | 0 |
| 7 | 0 | SISMAX_LM71_D X | LinStatic | 0 | 10,595 | 0 | 0 | 0 |
| 7 | 0,35 | SISMAX_LM71_D X | LinStatic | 0 | 10,595 | 0 | 0 | 0 |
| 7 | 0 | SISMAZ_LM71_S X | LinStatic | 0 | 7,038 | 0 | 0 | 0 |
| 7 | 0,35 | SISMAZ_LM71_S X | LinStatic | 0 | 7,038 | 0 | 0 | 0 |

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|-------|--------------|--------------------|-------------|---------|----------|----------|-----------|------------|
| 7 | 0 | SISMAZ_LM71_D X | LinStatic | 0 | -7,214 | 0 | 0 | 0 |
| 7 | 0,35 | SISMAZ_LM71_D X | LinStatic | 0 | -7,214 | 0 | 0 | 0 |
| 7 | 0 | QP | Combination | 0 | -19,417 | 0 | 0 | 0 |
| 7 | 0,35 | QP | Combination | 0 | 31,286 | 0 | 0 | 0 |
| 8 | 0 | PP | LinStatic | 0 | -20,689 | 0 | 0 | 0 |
| 8 | 0,47143 | PP | LinStatic | 0 | 18,075 | 0 | 0 | 0 |
| 8 | 0,47143 | PP | LinStatic | 0 | -22,156 | 0 | 0 | 0 |
| 8 | 0,94286 | PP | LinStatic | 0 | 16,608 | 0 | 0 | 0 |
| 8 | 0,94286 | PP | LinStatic | 0 | -23,685 | 0 | 0 | 0 |
| 8 | 1,41429 | PP | LinStatic | 0 | 15,079 | 0 | 0 | 0 |
| 8 | 1,41429 | PP | LinStatic | 0 | -25,278 | 0 | 0 | 0 |
| 8 | 1,88571 | PP | LinStatic | 0 | 13,486 | 0 | 0 | 0 |
| 8 | 1,88571 | PP | LinStatic | 0 | -26,938 | 0 | 0 | 0 |
| 8 | 2,35714 | PP | LinStatic | 0 | 11,825 | 0 | 0 | 0 |
| 8 | 2,35714 | PP | LinStatic | 0 | -28,669 | 0 | 0 | 0 |
| 8 | 2,82857 | PP | LinStatic | 0 | 10,095 | 0 | 0 | 0 |
| 8 | 2,82857 | PP | LinStatic | 0 | -30,472 | 0 | 0 | 0 |
| 8 | 3,3 | PP | LinStatic | 0 | 8,291 | 0 | 0 | 0 |
| 8 | 0 | PPERM | LinStatic | 0 | -3,964 | 0 | 0 | 0 |
| 8 | 0,47143 | PPERM | LinStatic | 0 | 5,2 | 0 | 0 | 0 |
| 8 | 0,47143 | PPERM | LinStatic | 0 | -3,614 | 0 | 0 | 0 |
| 8 | 0,94286 | PPERM | LinStatic | 0 | 5,551 | 0 | 0 | 0 |
| 8 | 0,94286 | PPERM | LinStatic | 0 | -3,261 | 0 | 0 | 0 |
| 8 | 1,41429 | PPERM | LinStatic | 0 | 5,904 | 0 | 0 | 0 |
| 8 | 1,41429 | PPERM | LinStatic | 0 | -2,904 | 0 | 0 | 0 |
| 8 | 1,88571 | PPERM | LinStatic | 0 | 6,26 | 0 | 0 | 0 |
| 8 | 1,88571 | PPERM | LinStatic | 0 | -2,544 | 0 | 0 | 0 |
| 8 | 2,35714 | PPERM | LinStatic | 0 | 6,621 | 0 | 0 | 0 |
| 8 | 2,35714 | PPERM | LinStatic | 0 | -2,178 | 0 | 0 | 0 |
| 8 | 2,82857 | PPERM | LinStatic | 0 | 6,986 | 0 | 0 | 0 |
| 8 | 2,82857 | PPERM | LinStatic | 0 | -1,807 | 0 | 0 | 0 |
| 8 | 3,3 | PPERM | LinStatic | 0 | 7,358 | 0 | 0 | 0 |
| 8 | 0 | BALLAST | LinStatic | 0 | 5,969 | 0 | 0 | 0 |
| 8 | 0,47143 | BALLAST | LinStatic | 0 | 26,334 | 0 | 0 | 0 |
| 8 | 0,47143 | BALLAST | LinStatic | 0 | 17,973 | 0 | 0 | 0 |
| 8 | 0,94286 | BALLAST | LinStatic | 0 | 38,339 | 0 | 0 | 0 |
| 8 | 0,94286 | BALLAST | LinStatic | 0 | 29,999 | 0 | 0 | 0 |
| 8 | 1,41429 | BALLAST | LinStatic | 0 | 50,365 | 0 | 0 | 0 |
| 8 | 1,41429 | BALLAST | LinStatic | 0 | 42,061 | 0 | 0 | 0 |
| 8 | 1,88571 | BALLAST | LinStatic | 0 | 62,427 | 0 | 0 | 0 |
| 8 | 1,88571 | BALLAST | LinStatic | 0 | 54,171 | 0 | 0 | 0 |
| 8 | 2,35714 | BALLAST | LinStatic | 0 | 74,537 | 0 | 0 | 0 |
| 8 | 2,35714 | BALLAST | LinStatic | 0 | 66,343 | 0 | 0 | 0 |
| 8 | 2,82857 | BALLAST | LinStatic | 0 | 86,708 | 0 | 0 | 0 |
| 8 | 2,82857 | BALLAST | LinStatic | 0 | 78,588 | 0 | 0 | 0 |
| 8 | 3,3 | BALLAST | LinStatic | 0 | 98,954 | 0 | 0 | 0 |
| 8 | 0 | LM71_SX | LinStatic | 0 | 224,908 | 0 | 0 | 0 |
| 8 | 0,47143 | LM71_SX | LinStatic | 0 | 224,908 | 0 | 0 | 0 |
| 8 | 0,47143 | LM71_SX | LinStatic | 0 | 212,334 | 0 | 0 | 0 |
| 8 | 0,94286 | LM71_SX | LinStatic | 0 | 212,334 | 0 | 0 | 0 |
| 8 | 0,94286 | LM71_SX | LinStatic | 0 | 200,021 | 0 | 0 | 0 |
| 8 | 1,41429 | LM71_SX | LinStatic | 0 | 200,021 | 0 | 0 | 0 |
| 8 | 1,41429 | LM71_SX | LinStatic | 0 | 187,984 | 0 | 0 | 0 |
| 8 | 1,88571 | LM71_SX | LinStatic | 0 | 187,984 | 0 | 0 | 0 |
| 8 | 1,88571 | LM71_SX | LinStatic | 0 | 176,235 | 0 | 0 | 0 |
| 8 | 2,35714 | LM71_SX | LinStatic | 0 | 176,235 | 0 | 0 | 0 |
| 8 | 2,35714 | LM71_SX | LinStatic | 0 | 164,786 | 0 | 0 | 0 |
| 8 | 2,82857 | LM71_SX | LinStatic | 0 | 164,786 | 0 | 0 | 0 |
| 8 | 2,82857 | LM71_SX | LinStatic | 0 | 153,648 | 0 | 0 | 0 |
| 8 | 3,3 | LM71_SX | LinStatic | 0 | 153,648 | 0 | 0 | 0 |
| 8 | 0 | LM71_DX | LinStatic | 0 | -253,556 | 0 | 0 | 0 |
| 8 | 0,47143 | LM71_DX | LinStatic | 0 | -165,003 | 0 | 0 | 0 |
| 8 | 0,47143 | LM71_DX | LinStatic | 0 | -178,501 | 0 | 0 | 0 |
| 8 | 0,94286 | LM71_DX | LinStatic | 0 | -89,948 | 0 | 0 | 0 |
| 8 | 0,94286 | LM71_DX | LinStatic | 0 | -103,633 | 0 | 0 | 0 |
| 8 | 1,41429 | LM71_DX | LinStatic | 0 | -15,079 | 0 | 0 | 0 |
| 8 | 1,41429 | LM71_DX | LinStatic | 0 | -28,917 | 0 | 0 | 0 |
| 8 | 1,88571 | LM71_DX | LinStatic | 0 | 59,636 | 0 | 0 | 0 |
| 8 | 1,88571 | LM71_DX | LinStatic | 0 | 45,678 | 0 | 0 | 0 |
| 8 | 2,35714 | LM71_DX | LinStatic | 0 | 134,232 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-----------|---------|----------|----------|-----------|------------|
| 8 | 2,35714 | LM71_DX | LinStatic | 0 | 120,189 | 0 | 0 | 0 |
| 8 | 2,82857 | LM71_DX | LinStatic | 0 | 208,742 | 0 | 0 | 0 |
| 8 | 2,82857 | LM71_DX | LinStatic | 0 | 194,648 | 0 | 0 | 0 |
| 8 | 3,3 | LM71_DX | LinStatic | 0 | 283,201 | 0 | 0 | 0 |
| 8 | 0 | ACC_SX | LinStatic | 0 | -29,251 | 0 | 0 | 0 |
| 8 | 0,47143 | ACC_SX | LinStatic | 0 | -29,251 | 0 | 0 | 0 |
| 8 | 0,47143 | ACC_SX | LinStatic | 0 | -31,299 | 0 | 0 | 0 |
| 8 | 0,94286 | ACC_SX | LinStatic | 0 | -31,299 | 0 | 0 | 0 |
| 8 | 0,94286 | ACC_SX | LinStatic | 0 | -33,075 | 0 | 0 | 0 |
| 8 | 1,41429 | ACC_SX | LinStatic | 0 | -33,075 | 0 | 0 | 0 |
| 8 | 1,41429 | ACC_SX | LinStatic | 0 | -34,585 | 0 | 0 | 0 |
| 8 | 1,88571 | ACC_SX | LinStatic | 0 | -34,585 | 0 | 0 | 0 |
| 8 | 1,88571 | ACC_SX | LinStatic | 0 | -35,834 | 0 | 0 | 0 |
| 8 | 2,35714 | ACC_SX | LinStatic | 0 | -35,834 | 0 | 0 | 0 |
| 8 | 2,35714 | ACC_SX | LinStatic | 0 | -36,827 | 0 | 0 | 0 |
| 8 | 2,82857 | ACC_SX | LinStatic | 0 | -36,827 | 0 | 0 | 0 |
| 8 | 2,82857 | ACC_SX | LinStatic | 0 | -37,569 | 0 | 0 | 0 |
| 8 | 3,3 | ACC_SX | LinStatic | 0 | -37,569 | 0 | 0 | 0 |
| 8 | 0 | ACC_DX | LinStatic | 0 | 19,708 | 0 | 0 | 0 |
| 8 | 0,47143 | ACC_DX | LinStatic | 0 | 19,708 | 0 | 0 | 0 |
| 8 | 0,47143 | ACC_DX | LinStatic | 0 | 16,346 | 0 | 0 | 0 |
| 8 | 0,94286 | ACC_DX | LinStatic | 0 | 16,346 | 0 | 0 | 0 |
| 8 | 0,94286 | ACC_DX | LinStatic | 0 | 12,676 | 0 | 0 | 0 |
| 8 | 1,41429 | ACC_DX | LinStatic | 0 | 12,676 | 0 | 0 | 0 |
| 8 | 1,41429 | ACC_DX | LinStatic | 0 | 8,692 | 0 | 0 | 0 |
| 8 | 1,88571 | ACC_DX | LinStatic | 0 | 8,692 | 0 | 0 | 0 |
| 8 | 1,88571 | ACC_DX | LinStatic | 0 | 4,386 | 0 | 0 | 0 |
| 8 | 2,35714 | ACC_DX | LinStatic | 0 | 4,386 | 0 | 0 | 0 |
| 8 | 2,35714 | ACC_DX | LinStatic | 0 | -0,25 | 0 | 0 | 0 |
| 8 | 2,82857 | ACC_DX | LinStatic | 0 | -0,25 | 0 | 0 | 0 |
| 8 | 2,82857 | ACC_DX | LinStatic | 0 | -5,222 | 0 | 0 | 0 |
| 8 | 3,3 | ACC_DX | LinStatic | 0 | -5,222 | 0 | 0 | 0 |
| 8 | 0 | SISMAX_PP | LinStatic | 0 | 85,954 | 0 | 0 | 0 |
| 8 | 0,47143 | SISMAX_PP | LinStatic | 0 | 85,954 | 0 | 0 | 0 |
| 8 | 0,47143 | SISMAX_PP | LinStatic | 0 | 85,505 | 0 | 0 | 0 |
| 8 | 0,94286 | SISMAX_PP | LinStatic | 0 | 85,505 | 0 | 0 | 0 |
| 8 | 0,94286 | SISMAX_PP | LinStatic | 0 | 84,851 | 0 | 0 | 0 |
| 8 | 1,41429 | SISMAX_PP | LinStatic | 0 | 84,851 | 0 | 0 | 0 |
| 8 | 1,41429 | SISMAX_PP | LinStatic | 0 | 83,993 | 0 | 0 | 0 |
| 8 | 1,88571 | SISMAX_PP | LinStatic | 0 | 83,993 | 0 | 0 | 0 |
| 8 | 1,88571 | SISMAX_PP | LinStatic | 0 | 82,93 | 0 | 0 | 0 |
| 8 | 2,35714 | SISMAX_PP | LinStatic | 0 | 82,93 | 0 | 0 | 0 |
| 8 | 2,35714 | SISMAX_PP | LinStatic | 0 | 81,662 | 0 | 0 | 0 |
| 8 | 2,82857 | SISMAX_PP | LinStatic | 0 | 81,662 | 0 | 0 | 0 |
| 8 | 2,82857 | SISMAX_PP | LinStatic | 0 | 80,189 | 0 | 0 | 0 |
| 8 | 3,3 | SISMAX_PP | LinStatic | 0 | 80,189 | 0 | 0 | 0 |
| 8 | 0 | SISMAZ_PP | LinStatic | 0 | 1,58 | 0 | 0 | 0 |
| 8 | 0,47143 | SISMAZ_PP | LinStatic | 0 | 11,763 | 0 | 0 | 0 |
| 8 | 0,47143 | SISMAZ_PP | LinStatic | 0 | 3,404 | 0 | 0 | 0 |
| 8 | 0,94286 | SISMAZ_PP | LinStatic | 0 | 13,587 | 0 | 0 | 0 |
| 8 | 0,94286 | SISMAZ_PP | LinStatic | 0 | 5,224 | 0 | 0 | 0 |
| 8 | 1,41429 | SISMAZ_PP | LinStatic | 0 | 15,406 | 0 | 0 | 0 |
| 8 | 1,41429 | SISMAZ_PP | LinStatic | 0 | 7,041 | 0 | 0 | 0 |
| 8 | 1,88571 | SISMAZ_PP | LinStatic | 0 | 17,224 | 0 | 0 | 0 |
| 8 | 1,88571 | SISMAZ_PP | LinStatic | 0 | 8,858 | 0 | 0 | 0 |
| 8 | 2,35714 | SISMAZ_PP | LinStatic | 0 | 19,041 | 0 | 0 | 0 |
| 8 | 2,35714 | SISMAZ_PP | LinStatic | 0 | 10,676 | 0 | 0 | 0 |
| 8 | 2,82857 | SISMAZ_PP | LinStatic | 0 | 20,859 | 0 | 0 | 0 |
| 8 | 2,82857 | SISMAZ_PP | LinStatic | 0 | 12,498 | 0 | 0 | 0 |
| 8 | 3,3 | SISMAZ_PP | LinStatic | 0 | 22,681 | 0 | 0 | 0 |
| 8 | 0 | SISMAX_LM71_S X | LinStatic | 0 | 10,425 | 0 | 0 | 0 |
| 8 | 0,47143 | SISMAX_LM71_S X | LinStatic | 0 | 10,425 | 0 | 0 | 0 |
| 8 | 0,47143 | SISMAX_LM71_S X | LinStatic | 0 | 10,302 | 0 | 0 | 0 |
| 8 | 0,94286 | SISMAX_LM71_S X | LinStatic | 0 | 10,302 | 0 | 0 | 0 |
| 8 | 0,94286 | SISMAX_LM71_S X | LinStatic | 0 | 10,154 | 0 | 0 | 0 |
| 8 | 1,41429 | SISMAX_LM71_S X | LinStatic | 0 | 10,154 | 0 | 0 | 0 |
| 8 | 1,41429 | SISMAX_LM71_S X | LinStatic | 0 | 9,98 | 0 | 0 | 0 |



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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-----------|---------|----------|----------|-----------|------------|
| 8 | 1,88571 | SISMAX_LM71_S X | LinStatic | 0 | 9,98 | 0 | 0 | 0 |
| 8 | 1,88571 | SISMAX_LM71_S X | LinStatic | 0 | 9,783 | 0 | 0 | 0 |
| 8 | 2,35714 | SISMAX_LM71_S X | LinStatic | 0 | 9,783 | 0 | 0 | 0 |
| 8 | 2,35714 | SISMAX_LM71_S X | LinStatic | 0 | 9,562 | 0 | 0 | 0 |
| 8 | 2,82857 | SISMAX_LM71_S X | LinStatic | 0 | 9,562 | 0 | 0 | 0 |
| 8 | 2,82857 | SISMAX_LM71_S X | LinStatic | 0 | 9,319 | 0 | 0 | 0 |
| 8 | 3,3 | SISMAX_LM71_S X | LinStatic | 0 | 9,319 | 0 | 0 | 0 |
| 8 | 0 | SISMAX_LM71_D X | LinStatic | 0 | 10,626 | 0 | 0 | 0 |
| 8 | 0,47143 | SISMAX_LM71_D X | LinStatic | 0 | 10,626 | 0 | 0 | 0 |
| 8 | 0,47143 | SISMAX_LM71_D X | LinStatic | 0 | 10,63 | 0 | 0 | 0 |
| 8 | 0,94286 | SISMAX_LM71_D X | LinStatic | 0 | 10,63 | 0 | 0 | 0 |
| 8 | 0,94286 | SISMAX_LM71_D X | LinStatic | 0 | 10,602 | 0 | 0 | 0 |
| 8 | 1,41429 | SISMAX_LM71_D X | LinStatic | 0 | 10,602 | 0 | 0 | 0 |
| 8 | 1,41429 | SISMAX_LM71_D X | LinStatic | 0 | 10,542 | 0 | 0 | 0 |
| 8 | 1,88571 | SISMAX_LM71_D X | LinStatic | 0 | 10,542 | 0 | 0 | 0 |
| 8 | 1,88571 | SISMAX_LM71_D X | LinStatic | 0 | 10,448 | 0 | 0 | 0 |
| 8 | 2,35714 | SISMAX_LM71_D X | LinStatic | 0 | 10,448 | 0 | 0 | 0 |
| 8 | 2,35714 | SISMAX_LM71_D X | LinStatic | 0 | 10,32 | 0 | 0 | 0 |
| 8 | 2,82857 | SISMAX_LM71_D X | LinStatic | 0 | 10,32 | 0 | 0 | 0 |
| 8 | 2,82857 | SISMAX_LM71_D X | LinStatic | 0 | 10,159 | 0 | 0 | 0 |
| 8 | 3,3 | SISMAX_LM71_D X | LinStatic | 0 | 10,159 | 0 | 0 | 0 |
| 8 | 0 | SISMAZ_LM71_S X | LinStatic | 0 | 6,705 | 0 | 0 | 0 |
| 8 | 0,47143 | SISMAZ_LM71_S X | LinStatic | 0 | 6,705 | 0 | 0 | 0 |
| 8 | 0,47143 | SISMAZ_LM71_S X | LinStatic | 0 | 6,33 | 0 | 0 | 0 |
| 8 | 0,94286 | SISMAZ_LM71_S X | LinStatic | 0 | 6,33 | 0 | 0 | 0 |
| 8 | 0,94286 | SISMAZ_LM71_S X | LinStatic | 0 | 5,963 | 0 | 0 | 0 |
| 8 | 1,41429 | SISMAZ_LM71_S X | LinStatic | 0 | 5,963 | 0 | 0 | 0 |
| 8 | 1,41429 | SISMAZ_LM71_S X | LinStatic | 0 | 5,604 | 0 | 0 | 0 |
| 8 | 1,88571 | SISMAZ_LM71_S X | LinStatic | 0 | 5,604 | 0 | 0 | 0 |
| 8 | 1,88571 | SISMAZ_LM71_S X | LinStatic | 0 | 5,254 | 0 | 0 | 0 |
| 8 | 2,35714 | SISMAZ_LM71_S X | LinStatic | 0 | 5,254 | 0 | 0 | 0 |
| 8 | 2,35714 | SISMAZ_LM71_S X | LinStatic | 0 | 4,913 | 0 | 0 | 0 |
| 8 | 2,82857 | SISMAZ_LM71_S X | LinStatic | 0 | 4,913 | 0 | 0 | 0 |
| 8 | 2,82857 | SISMAZ_LM71_S X | LinStatic | 0 | 4,581 | 0 | 0 | 0 |
| 8 | 3,3 | SISMAZ_LM71_S X | LinStatic | 0 | 4,581 | 0 | 0 | 0 |
| 8 | 0 | SISMAZ_LM71_D X | LinStatic | 0 | -7,559 | 0 | 0 | 0 |
| 8 | 0,47143 | SISMAZ_LM71_D X | LinStatic | 0 | -4,919 | 0 | 0 | 0 |
| 8 | 0,47143 | SISMAZ_LM71_D X | LinStatic | 0 | -5,322 | 0 | 0 | 0 |
| 8 | 0,94286 | SISMAZ_LM71_D X | LinStatic | 0 | -2,682 | 0 | 0 | 0 |
| 8 | 0,94286 | SISMAZ_LM71_D X | LinStatic | 0 | -3,09 | 0 | 0 | 0 |



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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-------------|---------|----------|----------|-----------|------------|
| 8 | 1,41429 | SISMAZ_LM71_D X | LinStatic | 0 | -0,45 | 0 | 0 | 0 |
| 8 | 1,41429 | SISMAZ_LM71_D X | LinStatic | 0 | -0,862 | 0 | 0 | 0 |
| 8 | 1,88571 | SISMAZ_LM71_D X | LinStatic | 0 | 1,778 | 0 | 0 | 0 |
| 8 | 1,88571 | SISMAZ_LM71_D X | LinStatic | 0 | 1,362 | 0 | 0 | 0 |
| 8 | 2,35714 | SISMAZ_LM71_D X | LinStatic | 0 | 4,002 | 0 | 0 | 0 |
| 8 | 2,35714 | SISMAZ_LM71_D X | LinStatic | 0 | 3,583 | 0 | 0 | 0 |
| 8 | 2,82857 | SISMAZ_LM71_D X | LinStatic | 0 | 6,223 | 0 | 0 | 0 |
| 8 | 2,82857 | SISMAZ_LM71_D X | LinStatic | 0 | 5,803 | 0 | 0 | 0 |
| 8 | 3,3 | SISMAZ_LM71_D X | LinStatic | 0 | 8,443 | 0 | 0 | 0 |
| 8 | 0 | QP | Combination | 0 | -18,684 | 0 | 0 | 0 |
| 8 | 0,47143 | QP | Combination | 0 | 49,61 | 0 | 0 | 0 |
| 8 | 0,47143 | QP | Combination | 0 | -7,797 | 0 | 0 | 0 |
| 8 | 0,94286 | QP | Combination | 0 | 60,497 | 0 | 0 | 0 |
| 8 | 0,94286 | QP | Combination | 0 | 3,054 | 0 | 0 | 0 |
| 8 | 1,41429 | QP | Combination | 0 | 71,348 | 0 | 0 | 0 |
| 8 | 1,41429 | QP | Combination | 0 | 13,879 | 0 | 0 | 0 |
| 8 | 1,88571 | QP | Combination | 0 | 82,173 | 0 | 0 | 0 |
| 8 | 1,88571 | QP | Combination | 0 | 24,689 | 0 | 0 | 0 |
| 8 | 2,35714 | QP | Combination | 0 | 92,983 | 0 | 0 | 0 |
| 8 | 2,35714 | QP | Combination | 0 | 35,495 | 0 | 0 | 0 |
| 8 | 2,82857 | QP | Combination | 0 | 103,789 | 0 | 0 | 0 |
| 8 | 2,82857 | QP | Combination | 0 | 46,309 | 0 | 0 | 0 |
| 8 | 3,3 | QP | Combination | 0 | 114,602 | 0 | 0 | 0 |
| 9 | 0 | PP | LinStatic | 0 | -26,399 | 0 | 0 | 0 |
| 9 | 0,33333 | PP | LinStatic | 0 | 1,01 | 0 | 0 | 0 |
| 9 | 0,33333 | PP | LinStatic | 0 | -27,766 | 0 | 0 | 0 |
| 9 | 0,66667 | PP | LinStatic | 0 | -0,358 | 0 | 0 | 0 |
| 9 | 0,66667 | PP | LinStatic | 0 | -29,174 | 0 | 0 | 0 |
| 9 | 1 | PP | LinStatic | 0 | -1,765 | 0 | 0 | 0 |
| 9 | 0 | PPERM | LinStatic | 0 | -0,142 | 0 | 0 | 0 |
| 9 | 0,33333 | PPERM | LinStatic | 0 | 6,338 | 0 | 0 | 0 |
| 9 | 0,33333 | PPERM | LinStatic | 0 | 0,129 | 0 | 0 | 0 |
| 9 | 0,66667 | PPERM | LinStatic | 0 | 6,609 | 0 | 0 | 0 |
| 9 | 0,66667 | PPERM | LinStatic | 0 | 0,404 | 0 | 0 | 0 |
| 9 | 1 | PPERM | LinStatic | 0 | 6,884 | 0 | 0 | 0 |
| 9 | 0 | BALLAST | LinStatic | 0 | 92,095 | 0 | 0 | 0 |
| 9 | 0,33333 | BALLAST | LinStatic | 0 | 106,495 | 0 | 0 | 0 |
| 9 | 0,33333 | BALLAST | LinStatic | 0 | 100,861 | 0 | 0 | 0 |
| 9 | 0,66667 | BALLAST | LinStatic | 0 | 115,261 | 0 | 0 | 0 |
| 9 | 0,66667 | BALLAST | LinStatic | 0 | 109,679 | 0 | 0 | 0 |
| 9 | 1 | BALLAST | LinStatic | 0 | 124,079 | 0 | 0 | 0 |
| 9 | 0 | LM71_SX | LinStatic | 0 | 144,413 | 0 | 0 | 0 |
| 9 | 0,33333 | LM71_SX | LinStatic | 0 | 144,413 | 0 | 0 | 0 |
| 9 | 0,33333 | LM71_SX | LinStatic | 0 | 136,927 | 0 | 0 | 0 |
| 9 | 0,66667 | LM71_SX | LinStatic | 0 | 136,927 | 0 | 0 | 0 |
| 9 | 0,66667 | LM71_SX | LinStatic | 0 | 129,606 | 0 | 0 | 0 |
| 9 | 1 | LM71_SX | LinStatic | 0 | 129,606 | 0 | 0 | 0 |
| 9 | 0 | LM71_DX | LinStatic | 0 | 271,155 | 0 | 0 | 0 |
| 9 | 0,33333 | LM71_DX | LinStatic | 0 | 271,155 | 0 | 0 | 0 |
| 9 | 0,33333 | LM71_DX | LinStatic | 0 | 261,176 | 0 | 0 | 0 |
| 9 | 0,66667 | LM71_DX | LinStatic | 0 | 261,176 | 0 | 0 | 0 |
| 9 | 0,66667 | LM71_DX | LinStatic | 0 | 251,205 | 0 | 0 | 0 |
| 9 | 1 | LM71_DX | LinStatic | 0 | 251,205 | 0 | 0 | 0 |
| 9 | 0 | ACC_SX | LinStatic | 0 | -37,991 | 0 | 0 | 0 |
| 9 | 0,33333 | ACC_SX | LinStatic | 0 | -37,991 | 0 | 0 | 0 |
| 9 | 0,33333 | ACC_SX | LinStatic | 0 | -38,22 | 0 | 0 | 0 |
| 9 | 0,66667 | ACC_SX | LinStatic | 0 | -38,22 | 0 | 0 | 0 |
| 9 | 0,66667 | ACC_SX | LinStatic | 0 | -38,328 | 0 | 0 | 0 |
| 9 | 1 | ACC_SX | LinStatic | 0 | -38,328 | 0 | 0 | 0 |
| 9 | 0 | ACC_DX | LinStatic | 0 | -9,759 | 0 | 0 | 0 |
| 9 | 0,33333 | ACC_DX | LinStatic | 0 | -9,759 | 0 | 0 | 0 |
| 9 | 0,33333 | ACC_DX | LinStatic | 0 | -13,693 | 0 | 0 | 0 |
| 9 | 0,66667 | ACC_DX | LinStatic | 0 | -13,693 | 0 | 0 | 0 |
| 9 | 0,66667 | ACC_DX | LinStatic | 0 | -17,805 | 0 | 0 | 0 |
| 9 | 1 | ACC_DX | LinStatic | 0 | -17,805 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-------------|---------|----------|----------|-----------|------------|
| 9 | 0 | SISMAX_PP | LinStatic | 0 | 78,756 | 0 | 0 | 0 |
| 9 | 0,33333 | SISMAX_PP | LinStatic | 0 | 78,756 | 0 | 0 | 0 |
| 9 | 0,33333 | SISMAX_PP | LinStatic | 0 | 77,467 | 0 | 0 | 0 |
| 9 | 0,66667 | SISMAX_PP | LinStatic | 0 | 77,467 | 0 | 0 | 0 |
| 9 | 0,66667 | SISMAX_PP | LinStatic | 0 | 76,074 | 0 | 0 | 0 |
| 9 | 1 | SISMAX_PP | LinStatic | 0 | 76,074 | 0 | 0 | 0 |
| 9 | 0 | SISMAZ_PP | LinStatic | 0 | 15,548 | 0 | 0 | 0 |
| 9 | 0,33333 | SISMAZ_PP | LinStatic | 0 | 22,748 | 0 | 0 | 0 |
| 9 | 0,33333 | SISMAZ_PP | LinStatic | 0 | 16,842 | 0 | 0 | 0 |
| 9 | 0,66667 | SISMAZ_PP | LinStatic | 0 | 24,042 | 0 | 0 | 0 |
| 9 | 0,66667 | SISMAZ_PP | LinStatic | 0 | 18,14 | 0 | 0 | 0 |
| 9 | 1 | SISMAZ_PP | LinStatic | 0 | 25,34 | 0 | 0 | 0 |
| 9 | 0 | SISMAX_LM71_S X | LinStatic | 0 | 9,094 | 0 | 0 | 0 |
| 9 | 0,33333 | SISMAX_LM71_S X | LinStatic | 0 | 9,094 | 0 | 0 | 0 |
| 9 | 0,33333 | SISMAX_LM71_S X | LinStatic | 0 | 8,898 | 0 | 0 | 0 |
| 9 | 0,66667 | SISMAX_LM71_S X | LinStatic | 0 | 8,898 | 0 | 0 | 0 |
| 9 | 0,66667 | SISMAX_LM71_S X | LinStatic | 0 | 8,691 | 0 | 0 | 0 |
| 9 | 1 | SISMAX_LM71_S X | LinStatic | 0 | 8,691 | 0 | 0 | 0 |
| 9 | 0 | SISMAX_LM71_D X | LinStatic | 0 | 9,994 | 0 | 0 | 0 |
| 9 | 0,33333 | SISMAX_LM71_D X | LinStatic | 0 | 9,994 | 0 | 0 | 0 |
| 9 | 0,33333 | SISMAX_LM71_D X | LinStatic | 0 | 9,841 | 0 | 0 | 0 |
| 9 | 0,66667 | SISMAX_LM71_D X | LinStatic | 0 | 9,841 | 0 | 0 | 0 |
| 9 | 0,66667 | SISMAX_LM71_D X | LinStatic | 0 | 9,672 | 0 | 0 | 0 |
| 9 | 1 | SISMAX_LM71_D X | LinStatic | 0 | 9,672 | 0 | 0 | 0 |
| 9 | 0 | SISMAZ_LM71_S X | LinStatic | 0 | 4,305 | 0 | 0 | 0 |
| 9 | 0,33333 | SISMAZ_LM71_S X | LinStatic | 0 | 4,305 | 0 | 0 | 0 |
| 9 | 0,33333 | SISMAZ_LM71_S X | LinStatic | 0 | 4,082 | 0 | 0 | 0 |
| 9 | 0,66667 | SISMAZ_LM71_S X | LinStatic | 0 | 4,082 | 0 | 0 | 0 |
| 9 | 0,66667 | SISMAZ_LM71_S X | LinStatic | 0 | 3,864 | 0 | 0 | 0 |
| 9 | 1 | SISMAZ_LM71_S X | LinStatic | 0 | 3,864 | 0 | 0 | 0 |
| 9 | 0 | SISMAZ_LM71_D X | LinStatic | 0 | 8,084 | 0 | 0 | 0 |
| 9 | 0,33333 | SISMAZ_LM71_D X | LinStatic | 0 | 8,084 | 0 | 0 | 0 |
| 9 | 0,33333 | SISMAZ_LM71_D X | LinStatic | 0 | 7,786 | 0 | 0 | 0 |
| 9 | 0,66667 | SISMAZ_LM71_D X | LinStatic | 0 | 7,786 | 0 | 0 | 0 |
| 9 | 0,66667 | SISMAZ_LM71_D X | LinStatic | 0 | 7,489 | 0 | 0 | 0 |
| 9 | 1 | SISMAZ_LM71_D X | LinStatic | 0 | 7,489 | 0 | 0 | 0 |
| 9 | 0 | QP | Combination | 0 | 65,555 | 0 | 0 | 0 |
| 9 | 0,33333 | QP | Combination | 0 | 113,843 | 0 | 0 | 0 |
| 9 | 0,33333 | QP | Combination | 0 | 73,224 | 0 | 0 | 0 |
| 9 | 0,66667 | QP | Combination | 0 | 121,513 | 0 | 0 | 0 |
| 9 | 0,66667 | QP | Combination | 0 | 80,909 | 0 | 0 | 0 |
| 9 | 1 | QP | Combination | 0 | 129,197 | 0 | 0 | 0 |
| 10 | 0 | PP | LinStatic | 0 | -36,321 | 0 | 0 | 0 |
| 10 | 0,465 | PP | LinStatic | 0 | 1,914 | 0 | 0 | 0 |
| 10 | 0,465 | PP | LinStatic | 0 | -38,422 | 0 | 0 | 0 |
| 10 | 0,93 | PP | LinStatic | 0 | -0,187 | 0 | 0 | 0 |
| 10 | 0,93 | PP | LinStatic | 0 | -40,606 | 0 | 0 | 0 |
| 10 | 1,395 | PP | LinStatic | 0 | -2,371 | 0 | 0 | 0 |
| 10 | 1,395 | PP | LinStatic | 0 | -42,876 | 0 | 0 | 0 |
| 10 | 1,86 | PP | LinStatic | 0 | -4,641 | 0 | 0 | 0 |
| 10 | 1,86 | PP | LinStatic | 0 | -45,233 | 0 | 0 | 0 |
| 10 | 2,325 | PP | LinStatic | 0 | -6,998 | 0 | 0 | 0 |
| 10 | 2,325 | PP | LinStatic | 0 | -47,68 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|---------|----------|----------|-----------|------------|
| 10 | 2,79 | PP | LinStatic | 0 | -9,445 | 0 | 0 | 0 |
| 10 | 2,79 | PP | LinStatic | 0 | -50,217 | 0 | 0 | 0 |
| 10 | 3,255 | PP | LinStatic | 0 | -11,982 | 0 | 0 | 0 |
| 10 | 3,255 | PP | LinStatic | 0 | -52,846 | 0 | 0 | 0 |
| 10 | 3,72 | PP | LinStatic | 0 | -14,611 | 0 | 0 | 0 |
| 10 | 3,72 | PP | LinStatic | 0 | -55,569 | 0 | 0 | 0 |
| 10 | 4,185 | PP | LinStatic | 0 | -17,334 | 0 | 0 | 0 |
| 10 | 4,185 | PP | LinStatic | 0 | -58,386 | 0 | 0 | 0 |
| 10 | 4,65 | PP | LinStatic | 0 | -20,151 | 0 | 0 | 0 |
| 10 | 0 | PPERM | LinStatic | 0 | -0,542 | 0 | 0 | 0 |
| 10 | 0,465 | PPERM | LinStatic | 0 | 8,498 | 0 | 0 | 0 |
| 10 | 0,465 | PPERM | LinStatic | 0 | -0,144 | 0 | 0 | 0 |
| 10 | 0,93 | PPERM | LinStatic | 0 | 8,896 | 0 | 0 | 0 |
| 10 | 0,93 | PPERM | LinStatic | 0 | 0,264 | 0 | 0 | 0 |
| 10 | 1,395 | PPERM | LinStatic | 0 | 9,303 | 0 | 0 | 0 |
| 10 | 1,395 | PPERM | LinStatic | 0 | 0,681 | 0 | 0 | 0 |
| 10 | 1,86 | PPERM | LinStatic | 0 | 9,721 | 0 | 0 | 0 |
| 10 | 1,86 | PPERM | LinStatic | 0 | 1,11 | 0 | 0 | 0 |
| 10 | 2,325 | PPERM | LinStatic | 0 | 10,149 | 0 | 0 | 0 |
| 10 | 2,325 | PPERM | LinStatic | 0 | 1,55 | 0 | 0 | 0 |
| 10 | 2,79 | PPERM | LinStatic | 0 | 10,589 | 0 | 0 | 0 |
| 10 | 2,79 | PPERM | LinStatic | 0 | 2,001 | 0 | 0 | 0 |
| 10 | 3,255 | PPERM | LinStatic | 0 | 11,041 | 0 | 0 | 0 |
| 10 | 3,255 | PPERM | LinStatic | 0 | 2,465 | 0 | 0 | 0 |
| 10 | 3,72 | PPERM | LinStatic | 0 | 11,505 | 0 | 0 | 0 |
| 10 | 3,72 | PPERM | LinStatic | 0 | 2,942 | 0 | 0 | 0 |
| 10 | 4,185 | PPERM | LinStatic | 0 | 11,982 | 0 | 0 | 0 |
| 10 | 4,185 | PPERM | LinStatic | 0 | 3,433 | 0 | 0 | 0 |
| 10 | 4,65 | PPERM | LinStatic | 0 | 12,472 | 0 | 0 | 0 |
| 10 | 0 | BALLAST | LinStatic | 0 | 117,459 | 0 | 0 | 0 |
| 10 | 0,465 | BALLAST | LinStatic | 0 | 117,459 | 0 | 0 | 0 |
| 10 | 0,465 | BALLAST | LinStatic | 0 | 109,86 | 0 | 0 | 0 |
| 10 | 0,93 | BALLAST | LinStatic | 0 | 109,86 | 0 | 0 | 0 |
| 10 | 0,93 | BALLAST | LinStatic | 0 | 102,379 | 0 | 0 | 0 |
| 10 | 1,395 | BALLAST | LinStatic | 0 | 102,379 | 0 | 0 | 0 |
| 10 | 1,395 | BALLAST | LinStatic | 0 | 95,022 | 0 | 0 | 0 |
| 10 | 1,86 | BALLAST | LinStatic | 0 | 95,022 | 0 | 0 | 0 |
| 10 | 1,86 | BALLAST | LinStatic | 0 | 87,792 | 0 | 0 | 0 |
| 10 | 2,325 | BALLAST | LinStatic | 0 | 87,792 | 0 | 0 | 0 |
| 10 | 2,325 | BALLAST | LinStatic | 0 | 80,694 | 0 | 0 | 0 |
| 10 | 2,79 | BALLAST | LinStatic | 0 | 80,694 | 0 | 0 | 0 |
| 10 | 2,79 | BALLAST | LinStatic | 0 | 73,729 | 0 | 0 | 0 |
| 10 | 3,255 | BALLAST | LinStatic | 0 | 73,729 | 0 | 0 | 0 |
| 10 | 3,255 | BALLAST | LinStatic | 0 | 66,901 | 0 | 0 | 0 |
| 10 | 3,72 | BALLAST | LinStatic | 0 | 66,901 | 0 | 0 | 0 |
| 10 | 3,72 | BALLAST | LinStatic | 0 | 60,211 | 0 | 0 | 0 |
| 10 | 4,185 | BALLAST | LinStatic | 0 | 60,211 | 0 | 0 | 0 |
| 10 | 4,185 | BALLAST | LinStatic | 0 | 53,661 | 0 | 0 | 0 |
| 10 | 4,65 | BALLAST | LinStatic | 0 | 53,661 | 0 | 0 | 0 |
| 10 | 0 | LM71_SX | LinStatic | 0 | 121,04 | 0 | 0 | 0 |
| 10 | 0,465 | LM71_SX | LinStatic | 0 | 121,04 | 0 | 0 | 0 |
| 10 | 0,465 | LM71_SX | LinStatic | 0 | 111,393 | 0 | 0 | 0 |
| 10 | 0,93 | LM71_SX | LinStatic | 0 | 111,393 | 0 | 0 | 0 |
| 10 | 0,93 | LM71_SX | LinStatic | 0 | 102,083 | 0 | 0 | 0 |
| 10 | 1,395 | LM71_SX | LinStatic | 0 | 102,083 | 0 | 0 | 0 |
| 10 | 1,395 | LM71_SX | LinStatic | 0 | 93,114 | 0 | 0 | 0 |
| 10 | 1,86 | LM71_SX | LinStatic | 0 | 93,114 | 0 | 0 | 0 |
| 10 | 1,86 | LM71_SX | LinStatic | 0 | 84,488 | 0 | 0 | 0 |
| 10 | 2,325 | LM71_SX | LinStatic | 0 | 84,488 | 0 | 0 | 0 |
| 10 | 2,325 | LM71_SX | LinStatic | 0 | 76,21 | 0 | 0 | 0 |
| 10 | 2,79 | LM71_SX | LinStatic | 0 | 76,21 | 0 | 0 | 0 |
| 10 | 2,79 | LM71_SX | LinStatic | 0 | 68,281 | 0 | 0 | 0 |
| 10 | 3,255 | LM71_SX | LinStatic | 0 | 68,281 | 0 | 0 | 0 |
| 10 | 3,255 | LM71_SX | LinStatic | 0 | 60,702 | 0 | 0 | 0 |
| 10 | 3,72 | LM71_SX | LinStatic | 0 | 60,702 | 0 | 0 | 0 |
| 10 | 3,72 | LM71_SX | LinStatic | 0 | 53,477 | 0 | 0 | 0 |
| 10 | 4,185 | LM71_SX | LinStatic | 0 | 53,477 | 0 | 0 | 0 |
| 10 | 4,185 | LM71_SX | LinStatic | 0 | 46,604 | 0 | 0 | 0 |
| 10 | 4,65 | LM71_SX | LinStatic | 0 | 46,604 | 0 | 0 | 0 |
| 10 | 0 | LM71_DX | LinStatic | 0 | 239,28 | 0 | 0 | 0 |
| 10 | 0,465 | LM71_DX | LinStatic | 0 | 239,28 | 0 | 0 | 0 |
| 10 | 0,465 | LM71_DX | LinStatic | 0 | 225,425 | 0 | 0 | 0 |

Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|---------|----------|----------|-----------|------------|
| 10 | 0,93 | LM71_DX | LinStatic | 0 | 225,425 | 0 | 0 | 0 |
| 10 | 0,93 | LM71_DX | LinStatic | 0 | 211,619 | 0 | 0 | 0 |
| 10 | 1,395 | LM71_DX | LinStatic | 0 | 211,619 | 0 | 0 | 0 |
| 10 | 1,395 | LM71_DX | LinStatic | 0 | 197,873 | 0 | 0 | 0 |
| 10 | 1,86 | LM71_DX | LinStatic | 0 | 197,873 | 0 | 0 | 0 |
| 10 | 1,86 | LM71_DX | LinStatic | 0 | 184,197 | 0 | 0 | 0 |
| 10 | 2,325 | LM71_DX | LinStatic | 0 | 184,197 | 0 | 0 | 0 |
| 10 | 2,325 | LM71_DX | LinStatic | 0 | 170,599 | 0 | 0 | 0 |
| 10 | 2,79 | LM71_DX | LinStatic | 0 | 170,599 | 0 | 0 | 0 |
| 10 | 2,79 | LM71_DX | LinStatic | 0 | 157,084 | 0 | 0 | 0 |
| 10 | 3,255 | LM71_DX | LinStatic | 0 | 157,084 | 0 | 0 | 0 |
| 10 | 3,255 | LM71_DX | LinStatic | 0 | 143,659 | 0 | 0 | 0 |
| 10 | 3,72 | LM71_DX | LinStatic | 0 | 143,659 | 0 | 0 | 0 |
| 10 | 3,72 | LM71_DX | LinStatic | 0 | 130,328 | 0 | 0 | 0 |
| 10 | 4,185 | LM71_DX | LinStatic | 0 | 130,328 | 0 | 0 | 0 |
| 10 | 4,185 | LM71_DX | LinStatic | 0 | 117,095 | 0 | 0 | 0 |
| 10 | 4,65 | LM71_DX | LinStatic | 0 | 117,095 | 0 | 0 | 0 |
| 10 | 0 | ACC_SX | LinStatic | 0 | -38,316 | 0 | 0 | 0 |
| 10 | 0,465 | ACC_SX | LinStatic | 0 | -38,316 | 0 | 0 | 0 |
| 10 | 0,465 | ACC_SX | LinStatic | 0 | -38,073 | 0 | 0 | 0 |
| 10 | 0,93 | ACC_SX | LinStatic | 0 | -38,073 | 0 | 0 | 0 |
| 10 | 0,93 | ACC_SX | LinStatic | 0 | -37,604 | 0 | 0 | 0 |
| 10 | 1,395 | ACC_SX | LinStatic | 0 | -37,604 | 0 | 0 | 0 |
| 10 | 1,395 | ACC_SX | LinStatic | 0 | -36,913 | 0 | 0 | 0 |
| 10 | 1,86 | ACC_SX | LinStatic | 0 | -36,913 | 0 | 0 | 0 |
| 10 | 1,86 | ACC_SX | LinStatic | 0 | -36,002 | 0 | 0 | 0 |
| 10 | 2,325 | ACC_SX | LinStatic | 0 | -36,002 | 0 | 0 | 0 |
| 10 | 2,325 | ACC_SX | LinStatic | 0 | -34,872 | 0 | 0 | 0 |
| 10 | 2,79 | ACC_SX | LinStatic | 0 | -34,872 | 0 | 0 | 0 |
| 10 | 2,79 | ACC_SX | LinStatic | 0 | -33,526 | 0 | 0 | 0 |
| 10 | 3,255 | ACC_SX | LinStatic | 0 | -33,526 | 0 | 0 | 0 |
| 10 | 3,255 | ACC_SX | LinStatic | 0 | -31,966 | 0 | 0 | 0 |
| 10 | 3,72 | ACC_SX | LinStatic | 0 | -31,966 | 0 | 0 | 0 |
| 10 | 3,72 | ACC_SX | LinStatic | 0 | -30,193 | 0 | 0 | 0 |
| 10 | 4,185 | ACC_SX | LinStatic | 0 | -30,193 | 0 | 0 | 0 |
| 10 | 4,185 | ACC_SX | LinStatic | 0 | -28,207 | 0 | 0 | 0 |
| 10 | 4,65 | ACC_SX | LinStatic | 0 | -28,207 | 0 | 0 | 0 |
| 10 | 0 | ACC_DX | LinStatic | 0 | -22,944 | 0 | 0 | 0 |
| 10 | 0,465 | ACC_DX | LinStatic | 0 | -22,944 | 0 | 0 | 0 |
| 10 | 0,465 | ACC_DX | LinStatic | 0 | -29,289 | 0 | 0 | 0 |
| 10 | 0,93 | ACC_DX | LinStatic | 0 | -29,289 | 0 | 0 | 0 |
| 10 | 0,93 | ACC_DX | LinStatic | 0 | -35,997 | 0 | 0 | 0 |
| 10 | 1,395 | ACC_DX | LinStatic | 0 | -35,997 | 0 | 0 | 0 |
| 10 | 1,395 | ACC_DX | LinStatic | 0 | -43,076 | 0 | 0 | 0 |
| 10 | 1,86 | ACC_DX | LinStatic | 0 | -43,076 | 0 | 0 | 0 |
| 10 | 1,86 | ACC_DX | LinStatic | 0 | -50,532 | 0 | 0 | 0 |
| 10 | 2,325 | ACC_DX | LinStatic | 0 | -50,532 | 0 | 0 | 0 |
| 10 | 2,325 | ACC_DX | LinStatic | 0 | -58,371 | 0 | 0 | 0 |
| 10 | 2,79 | ACC_DX | LinStatic | 0 | -58,371 | 0 | 0 | 0 |
| 10 | 2,79 | ACC_DX | LinStatic | 0 | -66,6 | 0 | 0 | 0 |
| 10 | 3,255 | ACC_DX | LinStatic | 0 | -66,6 | 0 | 0 | 0 |
| 10 | 3,255 | ACC_DX | LinStatic | 0 | -75,224 | 0 | 0 | 0 |
| 10 | 3,72 | ACC_DX | LinStatic | 0 | -75,224 | 0 | 0 | 0 |
| 10 | 3,72 | ACC_DX | LinStatic | 0 | -84,248 | 0 | 0 | 0 |
| 10 | 4,185 | ACC_DX | LinStatic | 0 | -84,248 | 0 | 0 | 0 |
| 10 | 4,185 | ACC_DX | LinStatic | 0 | -93,676 | 0 | 0 | 0 |
| 10 | 4,65 | ACC_DX | LinStatic | 0 | -93,676 | 0 | 0 | 0 |
| 10 | 0 | SISMAX_PP | LinStatic | 0 | 74,283 | 0 | 0 | 0 |
| 10 | 0,465 | SISMAX_PP | LinStatic | 0 | 74,283 | 0 | 0 | 0 |
| 10 | 0,465 | SISMAX_PP | LinStatic | 0 | 71,995 | 0 | 0 | 0 |
| 10 | 0,93 | SISMAX_PP | LinStatic | 0 | 71,995 | 0 | 0 | 0 |
| 10 | 0,93 | SISMAX_PP | LinStatic | 0 | 69,506 | 0 | 0 | 0 |
| 10 | 1,395 | SISMAX_PP | LinStatic | 0 | 69,506 | 0 | 0 | 0 |
| 10 | 1,395 | SISMAX_PP | LinStatic | 0 | 66,814 | 0 | 0 | 0 |
| 10 | 1,86 | SISMAX_PP | LinStatic | 0 | 66,814 | 0 | 0 | 0 |
| 10 | 1,86 | SISMAX_PP | LinStatic | 0 | 63,92 | 0 | 0 | 0 |
| 10 | 2,325 | SISMAX_PP | LinStatic | 0 | 63,92 | 0 | 0 | 0 |
| 10 | 2,325 | SISMAX_PP | LinStatic | 0 | 60,822 | 0 | 0 | 0 |
| 10 | 2,79 | SISMAX_PP | LinStatic | 0 | 60,822 | 0 | 0 | 0 |
| 10 | 2,79 | SISMAX_PP | LinStatic | 0 | 57,518 | 0 | 0 | 0 |
| 10 | 3,255 | SISMAX_PP | LinStatic | 0 | 57,518 | 0 | 0 | 0 |
| 10 | 3,255 | SISMAX_PP | LinStatic | 0 | 54,007 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-----------|---------|----------|----------|-----------|------------|
| 10 | 3,72 | SISMAX_PP | LinStatic | 0 | 54,007 | 0 | 0 | 0 |
| 10 | 3,72 | SISMAX_PP | LinStatic | 0 | 50,289 | 0 | 0 | 0 |
| 10 | 4,185 | SISMAX_PP | LinStatic | 0 | 50,289 | 0 | 0 | 0 |
| 10 | 4,185 | SISMAX_PP | LinStatic | 0 | 46,36 | 0 | 0 | 0 |
| 10 | 4,65 | SISMAX_PP | LinStatic | 0 | 46,36 | 0 | 0 | 0 |
| 10 | 0 | SISMAZ_PP | LinStatic | 0 | 18,278 | 0 | 0 | 0 |
| 10 | 0,465 | SISMAZ_PP | LinStatic | 0 | 25,327 | 0 | 0 | 0 |
| 10 | 0,465 | SISMAZ_PP | LinStatic | 0 | 17,108 | 0 | 0 | 0 |
| 10 | 0,93 | SISMAZ_PP | LinStatic | 0 | 24,157 | 0 | 0 | 0 |
| 10 | 0,93 | SISMAZ_PP | LinStatic | 0 | 15,948 | 0 | 0 | 0 |
| 10 | 1,395 | SISMAZ_PP | LinStatic | 0 | 22,997 | 0 | 0 | 0 |
| 10 | 1,395 | SISMAZ_PP | LinStatic | 0 | 14,797 | 0 | 0 | 0 |
| 10 | 1,86 | SISMAZ_PP | LinStatic | 0 | 21,847 | 0 | 0 | 0 |
| 10 | 1,86 | SISMAZ_PP | LinStatic | 0 | 13,657 | 0 | 0 | 0 |
| 10 | 2,325 | SISMAZ_PP | LinStatic | 0 | 20,706 | 0 | 0 | 0 |
| 10 | 2,325 | SISMAZ_PP | LinStatic | 0 | 12,526 | 0 | 0 | 0 |
| 10 | 2,79 | SISMAZ_PP | LinStatic | 0 | 19,576 | 0 | 0 | 0 |
| 10 | 2,79 | SISMAZ_PP | LinStatic | 0 | 11,406 | 0 | 0 | 0 |
| 10 | 3,255 | SISMAZ_PP | LinStatic | 0 | 18,456 | 0 | 0 | 0 |
| 10 | 3,255 | SISMAZ_PP | LinStatic | 0 | 10,297 | 0 | 0 | 0 |
| 10 | 3,72 | SISMAZ_PP | LinStatic | 0 | 17,346 | 0 | 0 | 0 |
| 10 | 3,72 | SISMAZ_PP | LinStatic | 0 | 9,197 | 0 | 0 | 0 |
| 10 | 4,185 | SISMAZ_PP | LinStatic | 0 | 16,246 | 0 | 0 | 0 |
| 10 | 4,185 | SISMAZ_PP | LinStatic | 0 | 8,108 | 0 | 0 | 0 |
| 10 | 4,65 | SISMAZ_PP | LinStatic | 0 | 15,157 | 0 | 0 | 0 |
| 10 | 0 | SISMAX_LM71_S X | LinStatic | 0 | 8,431 | 0 | 0 | 0 |
| 10 | 0,465 | SISMAX_LM71_S X | LinStatic | 0 | 8,431 | 0 | 0 | 0 |
| 10 | 0,465 | SISMAX_LM71_S X | LinStatic | 0 | 8,111 | 0 | 0 | 0 |
| 10 | 0,93 | SISMAX_LM71_S X | LinStatic | 0 | 8,111 | 0 | 0 | 0 |
| 10 | 0,93 | SISMAX_LM71_S X | LinStatic | 0 | 7,772 | 0 | 0 | 0 |
| 10 | 1,395 | SISMAX_LM71_S X | LinStatic | 0 | 7,772 | 0 | 0 | 0 |
| 10 | 1,395 | SISMAX_LM71_S X | LinStatic | 0 | 7,416 | 0 | 0 | 0 |
| 10 | 1,86 | SISMAX_LM71_S X | LinStatic | 0 | 7,416 | 0 | 0 | 0 |
| 10 | 1,86 | SISMAX_LM71_S X | LinStatic | 0 | 7,042 | 0 | 0 | 0 |
| 10 | 2,325 | SISMAX_LM71_S X | LinStatic | 0 | 7,042 | 0 | 0 | 0 |
| 10 | 2,325 | SISMAX_LM71_S X | LinStatic | 0 | 6,652 | 0 | 0 | 0 |
| 10 | 2,79 | SISMAX_LM71_S X | LinStatic | 0 | 6,652 | 0 | 0 | 0 |
| 10 | 2,79 | SISMAX_LM71_S X | LinStatic | 0 | 6,245 | 0 | 0 | 0 |
| 10 | 3,255 | SISMAX_LM71_S X | LinStatic | 0 | 6,245 | 0 | 0 | 0 |
| 10 | 3,255 | SISMAX_LM71_S X | LinStatic | 0 | 5,822 | 0 | 0 | 0 |
| 10 | 3,72 | SISMAX_LM71_S X | LinStatic | 0 | 5,822 | 0 | 0 | 0 |
| 10 | 3,72 | SISMAX_LM71_S X | LinStatic | 0 | 5,383 | 0 | 0 | 0 |
| 10 | 4,185 | SISMAX_LM71_S X | LinStatic | 0 | 5,383 | 0 | 0 | 0 |
| 10 | 4,185 | SISMAX_LM71_S X | LinStatic | 0 | 4,928 | 0 | 0 | 0 |
| 10 | 4,65 | SISMAX_LM71_S X | LinStatic | 0 | 4,928 | 0 | 0 | 0 |
| 10 | 0 | SISMAX_LM71_D X | LinStatic | 0 | 9,452 | 0 | 0 | 0 |
| 10 | 0,465 | SISMAX_LM71_D X | LinStatic | 0 | 9,452 | 0 | 0 | 0 |
| 10 | 0,465 | SISMAX_LM71_D X | LinStatic | 0 | 9,166 | 0 | 0 | 0 |
| 10 | 0,93 | SISMAX_LM71_D X | LinStatic | 0 | 9,166 | 0 | 0 | 0 |
| 10 | 0,93 | SISMAX_LM71_D X | LinStatic | 0 | 8,85 | 0 | 0 | 0 |
| 10 | 1,395 | SISMAX_LM71_D X | LinStatic | 0 | 8,85 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-----------|---------|----------|----------|-----------|------------|
| 10 | 1,395 | SISMAX_LM71_D X | LinStatic | 0 | 8,507 | 0 | 0 | 0 |
| 10 | 1,86 | SISMAX_LM71_D X | LinStatic | 0 | 8,507 | 0 | 0 | 0 |
| 10 | 1,86 | SISMAX_LM71_D X | LinStatic | 0 | 8,135 | 0 | 0 | 0 |
| 10 | 2,325 | SISMAX_LM71_D X | LinStatic | 0 | 8,135 | 0 | 0 | 0 |
| 10 | 2,325 | SISMAX_LM71_D X | LinStatic | 0 | 7,737 | 0 | 0 | 0 |
| 10 | 2,79 | SISMAX_LM71_D X | LinStatic | 0 | 7,737 | 0 | 0 | 0 |
| 10 | 2,79 | SISMAX_LM71_D X | LinStatic | 0 | 7,311 | 0 | 0 | 0 |
| 10 | 3,255 | SISMAX_LM71_D X | LinStatic | 0 | 7,311 | 0 | 0 | 0 |
| 10 | 3,255 | SISMAX_LM71_D X | LinStatic | 0 | 6,859 | 0 | 0 | 0 |
| 10 | 3,72 | SISMAX_LM71_D X | LinStatic | 0 | 6,859 | 0 | 0 | 0 |
| 10 | 3,72 | SISMAX_LM71_D X | LinStatic | 0 | 6,38 | 0 | 0 | 0 |
| 10 | 4,185 | SISMAX_LM71_D X | LinStatic | 0 | 6,38 | 0 | 0 | 0 |
| 10 | 4,185 | SISMAX_LM71_D X | LinStatic | 0 | 5,874 | 0 | 0 | 0 |
| 10 | 4,65 | SISMAX_LM71_D X | LinStatic | 0 | 5,874 | 0 | 0 | 0 |
| 10 | 0 | SISMAZ_LM71_S X | LinStatic | 0 | 3,609 | 0 | 0 | 0 |
| 10 | 0,465 | SISMAZ_LM71_S X | LinStatic | 0 | 3,609 | 0 | 0 | 0 |
| 10 | 0,465 | SISMAZ_LM71_S X | LinStatic | 0 | 3,321 | 0 | 0 | 0 |
| 10 | 0,93 | SISMAZ_LM71_S X | LinStatic | 0 | 3,321 | 0 | 0 | 0 |
| 10 | 0,93 | SISMAZ_LM71_S X | LinStatic | 0 | 3,043 | 0 | 0 | 0 |
| 10 | 1,395 | SISMAZ_LM71_S X | LinStatic | 0 | 3,043 | 0 | 0 | 0 |
| 10 | 1,395 | SISMAZ_LM71_S X | LinStatic | 0 | 2,776 | 0 | 0 | 0 |
| 10 | 1,86 | SISMAZ_LM71_S X | LinStatic | 0 | 2,776 | 0 | 0 | 0 |
| 10 | 1,86 | SISMAZ_LM71_S X | LinStatic | 0 | 2,519 | 0 | 0 | 0 |
| 10 | 2,325 | SISMAZ_LM71_S X | LinStatic | 0 | 2,519 | 0 | 0 | 0 |
| 10 | 2,325 | SISMAZ_LM71_S X | LinStatic | 0 | 2,272 | 0 | 0 | 0 |
| 10 | 2,79 | SISMAZ_LM71_S X | LinStatic | 0 | 2,272 | 0 | 0 | 0 |
| 10 | 2,79 | SISMAZ_LM71_S X | LinStatic | 0 | 2,036 | 0 | 0 | 0 |
| 10 | 3,255 | SISMAZ_LM71_S X | LinStatic | 0 | 2,036 | 0 | 0 | 0 |
| 10 | 3,255 | SISMAZ_LM71_S X | LinStatic | 0 | 1,81 | 0 | 0 | 0 |
| 10 | 3,72 | SISMAZ_LM71_S X | LinStatic | 0 | 1,81 | 0 | 0 | 0 |
| 10 | 3,72 | SISMAZ_LM71_S X | LinStatic | 0 | 1,594 | 0 | 0 | 0 |
| 10 | 4,185 | SISMAZ_LM71_S X | LinStatic | 0 | 1,594 | 0 | 0 | 0 |
| 10 | 4,185 | SISMAZ_LM71_S X | LinStatic | 0 | 1,389 | 0 | 0 | 0 |
| 10 | 4,65 | SISMAZ_LM71_S X | LinStatic | 0 | 1,389 | 0 | 0 | 0 |
| 10 | 0 | SISMAZ_LM71_D X | LinStatic | 0 | 7,134 | 0 | 0 | 0 |
| 10 | 0,465 | SISMAZ_LM71_D X | LinStatic | 0 | 7,134 | 0 | 0 | 0 |
| 10 | 0,465 | SISMAZ_LM71_D X | LinStatic | 0 | 6,72 | 0 | 0 | 0 |
| 10 | 0,93 | SISMAZ_LM71_D X | LinStatic | 0 | 6,72 | 0 | 0 | 0 |
| 10 | 0,93 | SISMAZ_LM71_D X | LinStatic | 0 | 6,309 | 0 | 0 | 0 |
| 10 | 1,395 | SISMAZ_LM71_D X | LinStatic | 0 | 6,309 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-------------|---------|----------|----------|-----------|------------|
| 10 | 1,395 | SISMAZ_LM71_D X | LinStatic | 0 | 5,899 | 0 | 0 | 0 |
| 10 | 1,86 | SISMAZ_LM71_D X | LinStatic | 0 | 5,899 | 0 | 0 | 0 |
| 10 | 1,86 | SISMAZ_LM71_D X | LinStatic | 0 | 5,491 | 0 | 0 | 0 |
| 10 | 2,325 | SISMAZ_LM71_D X | LinStatic | 0 | 5,491 | 0 | 0 | 0 |
| 10 | 2,325 | SISMAZ_LM71_D X | LinStatic | 0 | 5,086 | 0 | 0 | 0 |
| 10 | 2,79 | SISMAZ_LM71_D X | LinStatic | 0 | 5,086 | 0 | 0 | 0 |
| 10 | 2,79 | SISMAZ_LM71_D X | LinStatic | 0 | 4,683 | 0 | 0 | 0 |
| 10 | 3,255 | SISMAZ_LM71_D X | LinStatic | 0 | 4,683 | 0 | 0 | 0 |
| 10 | 3,255 | SISMAZ_LM71_D X | LinStatic | 0 | 4,283 | 0 | 0 | 0 |
| 10 | 3,72 | SISMAZ_LM71_D X | LinStatic | 0 | 4,283 | 0 | 0 | 0 |
| 10 | 3,72 | SISMAZ_LM71_D X | LinStatic | 0 | 3,885 | 0 | 0 | 0 |
| 10 | 4,185 | SISMAZ_LM71_D X | LinStatic | 0 | 3,885 | 0 | 0 | 0 |
| 10 | 4,185 | SISMAZ_LM71_D X | LinStatic | 0 | 3,491 | 0 | 0 | 0 |
| 10 | 4,65 | SISMAZ_LM71_D X | LinStatic | 0 | 3,491 | 0 | 0 | 0 |
| 10 | 0 | QP | Combination | 0 | 80,596 | 0 | 0 | 0 |
| 10 | 0,465 | QP | Combination | 0 | 127,87 | 0 | 0 | 0 |
| 10 | 0,465 | QP | Combination | 0 | 71,294 | 0 | 0 | 0 |
| 10 | 0,93 | QP | Combination | 0 | 118,568 | 0 | 0 | 0 |
| 10 | 0,93 | QP | Combination | 0 | 62,036 | 0 | 0 | 0 |
| 10 | 1,395 | QP | Combination | 0 | 109,311 | 0 | 0 | 0 |
| 10 | 1,395 | QP | Combination | 0 | 52,827 | 0 | 0 | 0 |
| 10 | 1,86 | QP | Combination | 0 | 100,102 | 0 | 0 | 0 |
| 10 | 1,86 | QP | Combination | 0 | 43,669 | 0 | 0 | 0 |
| 10 | 2,325 | QP | Combination | 0 | 90,943 | 0 | 0 | 0 |
| 10 | 2,325 | QP | Combination | 0 | 34,563 | 0 | 0 | 0 |
| 10 | 2,79 | QP | Combination | 0 | 81,838 | 0 | 0 | 0 |
| 10 | 2,79 | QP | Combination | 0 | 25,513 | 0 | 0 | 0 |
| 10 | 3,255 | QP | Combination | 0 | 72,788 | 0 | 0 | 0 |
| 10 | 3,255 | QP | Combination | 0 | 16,52 | 0 | 0 | 0 |
| 10 | 3,72 | QP | Combination | 0 | 63,794 | 0 | 0 | 0 |
| 10 | 3,72 | QP | Combination | 0 | 7,584 | 0 | 0 | 0 |
| 10 | 4,185 | QP | Combination | 0 | 54,859 | 0 | 0 | 0 |
| 10 | 4,185 | QP | Combination | 0 | -1,293 | 0 | 0 | 0 |
| 10 | 4,65 | QP | Combination | 0 | 45,982 | 0 | 0 | 0 |
| 11 | 0 | PP | LinStatic | 0 | -10,558 | 0 | 0 | 0 |
| 11 | 0,4625 | PP | LinStatic | 0 | 27,471 | 0 | 0 | 0 |
| 11 | 0,4625 | PP | LinStatic | 0 | -13,543 | 0 | 0 | 0 |
| 11 | 0,925 | PP | LinStatic | 0 | 24,486 | 0 | 0 | 0 |
| 11 | 0,925 | PP | LinStatic | 0 | -16,617 | 0 | 0 | 0 |
| 11 | 1,3875 | PP | LinStatic | 0 | 21,412 | 0 | 0 | 0 |
| 11 | 1,3875 | PP | LinStatic | 0 | -19,78 | 0 | 0 | 0 |
| 11 | 1,85 | PP | LinStatic | 0 | 18,249 | 0 | 0 | 0 |
| 11 | 1,85 | PP | LinStatic | 0 | -23,034 | 0 | 0 | 0 |
| 11 | 2,3125 | PP | LinStatic | 0 | 14,996 | 0 | 0 | 0 |
| 11 | 2,3125 | PP | LinStatic | 0 | -26,378 | 0 | 0 | 0 |
| 11 | 2,775 | PP | LinStatic | 0 | 11,652 | 0 | 0 | 0 |
| 11 | 2,775 | PP | LinStatic | 0 | -29,813 | 0 | 0 | 0 |
| 11 | 3,2375 | PP | LinStatic | 0 | 8,217 | 0 | 0 | 0 |
| 11 | 3,2375 | PP | LinStatic | 0 | -33,34 | 0 | 0 | 0 |
| 11 | 3,7 | PP | LinStatic | 0 | 4,689 | 0 | 0 | 0 |
| 11 | 0 | PPERM | LinStatic | 0 | 3,96 | 0 | 0 | 0 |
| 11 | 0,4625 | PPERM | LinStatic | 0 | 11,452 | 0 | 0 | 0 |
| 11 | 0,4625 | PPERM | LinStatic | 0 | 2,976 | 0 | 0 | 0 |
| 11 | 0,925 | PPERM | LinStatic | 0 | 10,469 | 0 | 0 | 0 |
| 11 | 0,925 | PPERM | LinStatic | 0 | 2,007 | 0 | 0 | 0 |
| 11 | 1,3875 | PPERM | LinStatic | 0 | 9,499 | 0 | 0 | 0 |
| 11 | 1,3875 | PPERM | LinStatic | 0 | 1,051 | 0 | 0 | 0 |
| 11 | 1,85 | PPERM | LinStatic | 0 | 8,543 | 0 | 0 | 0 |
| 11 | 1,85 | PPERM | LinStatic | 0 | 0,109 | 0 | 0 | 0 |
| 11 | 2,3125 | PPERM | LinStatic | 0 | 7,601 | 0 | 0 | 0 |
| 11 | 2,3125 | PPERM | LinStatic | 0 | -0,82 | 0 | 0 | 0 |

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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|------------|-----------|---------|----------|----------|-----------|------------|
| 11 | 2,775 | PPERM | LinStatic | 0 | 6,673 | 0 | 0 | 0 |
| 11 | 2,775 | PPERM | LinStatic | 0 | -1,734 | 0 | 0 | 0 |
| 11 | 3,2375 | PPERM | LinStatic | 0 | 5,758 | 0 | 0 | 0 |
| 11 | 3,2375 | PPERM | LinStatic | 0 | -2,635 | 0 | 0 | 0 |
| 11 | 3,7 | PPERM | LinStatic | 0 | 4,858 | 0 | 0 | 0 |
| 11 | 0 | BALLAST | LinStatic | 0 | 47,269 | 0 | 0 | 0 |
| 11 | 0,4625 | BALLAST | LinStatic | 0 | 47,269 | 0 | 0 | 0 |
| 11 | 0,4625 | BALLAST | LinStatic | 0 | 41,034 | 0 | 0 | 0 |
| 11 | 0,925 | BALLAST | LinStatic | 0 | 41,034 | 0 | 0 | 0 |
| 11 | 0,925 | BALLAST | LinStatic | 0 | 34,94 | 0 | 0 | 0 |
| 11 | 1,3875 | BALLAST | LinStatic | 0 | 34,94 | 0 | 0 | 0 |
| 11 | 1,3875 | BALLAST | LinStatic | 0 | 28,985 | 0 | 0 | 0 |
| 11 | 1,85 | BALLAST | LinStatic | 0 | 28,985 | 0 | 0 | 0 |
| 11 | 1,85 | BALLAST | LinStatic | 0 | 23,171 | 0 | 0 | 0 |
| 11 | 2,3125 | BALLAST | LinStatic | 0 | 23,171 | 0 | 0 | 0 |
| 11 | 2,3125 | BALLAST | LinStatic | 0 | 17,497 | 0 | 0 | 0 |
| 11 | 2,775 | BALLAST | LinStatic | 0 | 17,497 | 0 | 0 | 0 |
| 11 | 2,775 | BALLAST | LinStatic | 0 | 11,963 | 0 | 0 | 0 |
| 11 | 3,2375 | BALLAST | LinStatic | 0 | 11,963 | 0 | 0 | 0 |
| 11 | 3,2375 | BALLAST | LinStatic | 0 | 6,568 | 0 | 0 | 0 |
| 11 | 3,7 | BALLAST | LinStatic | 0 | 6,568 | 0 | 0 | 0 |
| 11 | 0 | LM71_SX | LinStatic | 0 | 40,103 | 0 | 0 | 0 |
| 11 | 0,4625 | LM71_SX | LinStatic | 0 | 40,103 | 0 | 0 | 0 |
| 11 | 0,4625 | LM71_SX | LinStatic | 0 | 33,97 | 0 | 0 | 0 |
| 11 | 0,925 | LM71_SX | LinStatic | 0 | 33,97 | 0 | 0 | 0 |
| 11 | 0,925 | LM71_SX | LinStatic | 0 | 28,188 | 0 | 0 | 0 |
| 11 | 1,3875 | LM71_SX | LinStatic | 0 | 28,188 | 0 | 0 | 0 |
| 11 | 1,3875 | LM71_SX | LinStatic | 0 | 22,756 | 0 | 0 | 0 |
| 11 | 1,85 | LM71_SX | LinStatic | 0 | 22,756 | 0 | 0 | 0 |
| 11 | 1,85 | LM71_SX | LinStatic | 0 | 17,675 | 0 | 0 | 0 |
| 11 | 2,3125 | LM71_SX | LinStatic | 0 | 17,675 | 0 | 0 | 0 |
| 11 | 2,3125 | LM71_SX | LinStatic | 0 | 12,944 | 0 | 0 | 0 |
| 11 | 2,775 | LM71_SX | LinStatic | 0 | 12,944 | 0 | 0 | 0 |
| 11 | 2,775 | LM71_SX | LinStatic | 0 | 8,562 | 0 | 0 | 0 |
| 11 | 3,2375 | LM71_SX | LinStatic | 0 | 8,562 | 0 | 0 | 0 |
| 11 | 3,2375 | LM71_SX | LinStatic | 0 | 4,53 | 0 | 0 | 0 |
| 11 | 3,7 | LM71_SX | LinStatic | 0 | 4,53 | 0 | 0 | 0 |
| 11 | 0 | LM71_DX | LinStatic | 0 | 103,996 | 0 | 0 | 0 |
| 11 | 0,4625 | LM71_DX | LinStatic | 0 | 103,996 | 0 | 0 | 0 |
| 11 | 0,4625 | LM71_DX | LinStatic | 0 | 91,034 | 0 | 0 | 0 |
| 11 | 0,925 | LM71_DX | LinStatic | 0 | 91,034 | 0 | 0 | 0 |
| 11 | 0,925 | LM71_DX | LinStatic | 0 | 78,173 | 0 | 0 | 0 |
| 11 | 1,3875 | LM71_DX | LinStatic | 0 | 78,173 | 0 | 0 | 0 |
| 11 | 1,3875 | LM71_DX | LinStatic | 0 | 65,413 | 0 | 0 | 0 |
| 11 | 1,85 | LM71_DX | LinStatic | 0 | 65,413 | 0 | 0 | 0 |
| 11 | 1,85 | LM71_DX | LinStatic | 0 | 52,755 | 0 | 0 | 0 |
| 11 | 2,3125 | LM71_DX | LinStatic | 0 | 52,755 | 0 | 0 | 0 |
| 11 | 2,3125 | LM71_DX | LinStatic | 0 | 40,198 | 0 | 0 | 0 |
| 11 | 2,775 | LM71_DX | LinStatic | 0 | 40,198 | 0 | 0 | 0 |
| 11 | 2,775 | LM71_DX | LinStatic | 0 | 27,74 | 0 | 0 | 0 |
| 11 | 3,2375 | LM71_DX | LinStatic | 0 | 27,74 | 0 | 0 | 0 |
| 11 | 3,2375 | LM71_DX | LinStatic | 0 | 15,382 | 0 | 0 | 0 |
| 11 | 3,7 | LM71_DX | LinStatic | 0 | 15,382 | 0 | 0 | 0 |
| 11 | 0 | ACC_SX | LinStatic | 0 | -26,016 | 0 | 0 | 0 |
| 11 | 0,4625 | ACC_SX | LinStatic | 0 | -26,016 | 0 | 0 | 0 |
| 11 | 0,4625 | ACC_SX | LinStatic | 0 | -23,623 | 0 | 0 | 0 |
| 11 | 0,925 | ACC_SX | LinStatic | 0 | -23,623 | 0 | 0 | 0 |
| 11 | 0,925 | ACC_SX | LinStatic | 0 | -21,021 | 0 | 0 | 0 |
| 11 | 1,3875 | ACC_SX | LinStatic | 0 | -21,021 | 0 | 0 | 0 |
| 11 | 1,3875 | ACC_SX | LinStatic | 0 | -18,212 | 0 | 0 | 0 |
| 11 | 1,85 | ACC_SX | LinStatic | 0 | -18,212 | 0 | 0 | 0 |
| 11 | 1,85 | ACC_SX | LinStatic | 0 | -15,195 | 0 | 0 | 0 |
| 11 | 2,3125 | ACC_SX | LinStatic | 0 | -15,195 | 0 | 0 | 0 |
| 11 | 2,3125 | ACC_SX | LinStatic | 0 | -11,971 | 0 | 0 | 0 |
| 11 | 2,775 | ACC_SX | LinStatic | 0 | -11,971 | 0 | 0 | 0 |
| 11 | 2,775 | ACC_SX | LinStatic | 0 | -8,539 | 0 | 0 | 0 |
| 11 | 3,2375 | ACC_SX | LinStatic | 0 | -8,539 | 0 | 0 | 0 |
| 11 | 3,2375 | ACC_SX | LinStatic | 0 | -4,898 | 0 | 0 | 0 |
| 11 | 3,7 | ACC_SX | LinStatic | 0 | -4,898 | 0 | 0 | 0 |
| 11 | 0 | ACC_DX | LinStatic | 0 | -103,488 | 0 | 0 | 0 |
| 11 | 0,4625 | ACC_DX | LinStatic | 0 | -78,513 | 0 | 0 | 0 |
| 11 | 0,4625 | ACC_DX | LinStatic | 0 | -88,705 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-----------|---------|----------|----------|-----------|------------|
| 11 | 0,925 | ACC_DX | LinStatic | 0 | -63,73 | 0 | 0 | 0 |
| 11 | 0,925 | ACC_DX | LinStatic | 0 | -74,328 | 0 | 0 | 0 |
| 11 | 1,3875 | ACC_DX | LinStatic | 0 | -49,353 | 0 | 0 | 0 |
| 11 | 1,3875 | ACC_DX | LinStatic | 0 | -60,357 | 0 | 0 | 0 |
| 11 | 1,85 | ACC_DX | LinStatic | 0 | -35,382 | 0 | 0 | 0 |
| 11 | 1,85 | ACC_DX | LinStatic | 0 | -46,791 | 0 | 0 | 0 |
| 11 | 2,3125 | ACC_DX | LinStatic | 0 | -21,816 | 0 | 0 | 0 |
| 11 | 2,3125 | ACC_DX | LinStatic | 0 | -33,628 | 0 | 0 | 0 |
| 11 | 2,775 | ACC_DX | LinStatic | 0 | -8,653 | 0 | 0 | 0 |
| 11 | 2,775 | ACC_DX | LinStatic | 0 | -20,867 | 0 | 0 | 0 |
| 11 | 3,2375 | ACC_DX | LinStatic | 0 | 4,108 | 0 | 0 | 0 |
| 11 | 3,2375 | ACC_DX | LinStatic | 0 | -8,507 | 0 | 0 | 0 |
| 11 | 3,7 | ACC_DX | LinStatic | 0 | 16,468 | 0 | 0 | 0 |
| 11 | 0 | SISMAX_PP | LinStatic | 0 | 42,231 | 0 | 0 | 0 |
| 11 | 0,4625 | SISMAX_PP | LinStatic | 0 | 42,231 | 0 | 0 | 0 |
| 11 | 0,4625 | SISMAX_PP | LinStatic | 0 | 37,903 | 0 | 0 | 0 |
| 11 | 0,925 | SISMAX_PP | LinStatic | 0 | 37,903 | 0 | 0 | 0 |
| 11 | 0,925 | SISMAX_PP | LinStatic | 0 | 33,362 | 0 | 0 | 0 |
| 11 | 1,3875 | SISMAX_PP | LinStatic | 0 | 33,362 | 0 | 0 | 0 |
| 11 | 1,3875 | SISMAX_PP | LinStatic | 0 | 28,607 | 0 | 0 | 0 |
| 11 | 1,85 | SISMAX_PP | LinStatic | 0 | 28,607 | 0 | 0 | 0 |
| 11 | 1,85 | SISMAX_PP | LinStatic | 0 | 23,636 | 0 | 0 | 0 |
| 11 | 2,3125 | SISMAX_PP | LinStatic | 0 | 23,636 | 0 | 0 | 0 |
| 11 | 2,3125 | SISMAX_PP | LinStatic | 0 | 18,448 | 0 | 0 | 0 |
| 11 | 2,775 | SISMAX_PP | LinStatic | 0 | 18,448 | 0 | 0 | 0 |
| 11 | 2,775 | SISMAX_PP | LinStatic | 0 | 13,041 | 0 | 0 | 0 |
| 11 | 3,2375 | SISMAX_PP | LinStatic | 0 | 13,041 | 0 | 0 | 0 |
| 11 | 3,2375 | SISMAX_PP | LinStatic | 0 | 7,414 | 0 | 0 | 0 |
| 11 | 3,7 | SISMAX_PP | LinStatic | 0 | 7,414 | 0 | 0 | 0 |
| 11 | 0 | SISMAZ_PP | LinStatic | 0 | 7,05 | 0 | 0 | 0 |
| 11 | 0,4625 | SISMAZ_PP | LinStatic | 0 | 13,834 | 0 | 0 | 0 |
| 11 | 0,4625 | SISMAZ_PP | LinStatic | 0 | 5,758 | 0 | 0 | 0 |
| 11 | 0,925 | SISMAZ_PP | LinStatic | 0 | 12,543 | 0 | 0 | 0 |
| 11 | 0,925 | SISMAZ_PP | LinStatic | 0 | 4,475 | 0 | 0 | 0 |
| 11 | 1,3875 | SISMAZ_PP | LinStatic | 0 | 11,26 | 0 | 0 | 0 |
| 11 | 1,3875 | SISMAZ_PP | LinStatic | 0 | 3,2 | 0 | 0 | 0 |
| 11 | 1,85 | SISMAZ_PP | LinStatic | 0 | 9,985 | 0 | 0 | 0 |
| 11 | 1,85 | SISMAZ_PP | LinStatic | 0 | 1,933 | 0 | 0 | 0 |
| 11 | 2,3125 | SISMAZ_PP | LinStatic | 0 | 8,718 | 0 | 0 | 0 |
| 11 | 2,3125 | SISMAZ_PP | LinStatic | 0 | 0,673 | 0 | 0 | 0 |
| 11 | 2,775 | SISMAZ_PP | LinStatic | 0 | 7,458 | 0 | 0 | 0 |
| 11 | 2,775 | SISMAZ_PP | LinStatic | 0 | -0,582 | 0 | 0 | 0 |
| 11 | 3,2375 | SISMAZ_PP | LinStatic | 0 | 6,203 | 0 | 0 | 0 |
| 11 | 3,2375 | SISMAZ_PP | LinStatic | 0 | -1,83 | 0 | 0 | 0 |
| 11 | 3,7 | SISMAZ_PP | LinStatic | 0 | 4,955 | 0 | 0 | 0 |
| 11 | 0 | SISMAX_LM71_S X | LinStatic | 0 | 4,458 | 0 | 0 | 0 |
| 11 | 0,4625 | SISMAX_LM71_S X | LinStatic | 0 | 4,458 | 0 | 0 | 0 |
| 11 | 0,4625 | SISMAX_LM71_S X | LinStatic | 0 | 3,975 | 0 | 0 | 0 |
| 11 | 0,925 | SISMAX_LM71_S X | LinStatic | 0 | 3,975 | 0 | 0 | 0 |
| 11 | 0,925 | SISMAX_LM71_S X | LinStatic | 0 | 3,475 | 0 | 0 | 0 |
| 11 | 1,3875 | SISMAX_LM71_S X | LinStatic | 0 | 3,475 | 0 | 0 | 0 |
| 11 | 1,3875 | SISMAX_LM71_S X | LinStatic | 0 | 2,961 | 0 | 0 | 0 |
| 11 | 1,85 | SISMAX_LM71_S X | LinStatic | 0 | 2,961 | 0 | 0 | 0 |
| 11 | 1,85 | SISMAX_LM71_S X | LinStatic | 0 | 2,431 | 0 | 0 | 0 |
| 11 | 2,3125 | SISMAX_LM71_S X | LinStatic | 0 | 2,431 | 0 | 0 | 0 |
| 11 | 2,3125 | SISMAX_LM71_S X | LinStatic | 0 | 1,886 | 0 | 0 | 0 |
| 11 | 2,775 | SISMAX_LM71_S X | LinStatic | 0 | 1,886 | 0 | 0 | 0 |
| 11 | 2,775 | SISMAX_LM71_S X | LinStatic | 0 | 1,325 | 0 | 0 | 0 |
| 11 | 3,2375 | SISMAX_LM71_S X | LinStatic | 0 | 1,325 | 0 | 0 | 0 |
| 11 | 3,2375 | SISMAX_LM71_S X | LinStatic | 0 | 0,748 | 0 | 0 | 0 |



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Table: Element Forces - Frames, Part 1 of 2

| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-----------|---------|----------|----------|-----------|------------|
| 11 | 3,7 | SISMAX_LM71_S X | LinStatic | 0 | 0,748 | 0 | 0 | 0 |
| 11 | 0 | SISMAX_LM71_D X | LinStatic | 0 | 5,345 | 0 | 0 | 0 |
| 11 | 0,4625 | SISMAX_LM71_D X | LinStatic | 0 | 5,345 | 0 | 0 | 0 |
| 11 | 0,4625 | SISMAX_LM71_D X | LinStatic | 0 | 4,791 | 0 | 0 | 0 |
| 11 | 0,925 | SISMAX_LM71_D X | LinStatic | 0 | 4,791 | 0 | 0 | 0 |
| 11 | 0,925 | SISMAX_LM71_D X | LinStatic | 0 | 4,211 | 0 | 0 | 0 |
| 11 | 1,3875 | SISMAX_LM71_D X | LinStatic | 0 | 4,211 | 0 | 0 | 0 |
| 11 | 1,3875 | SISMAX_LM71_D X | LinStatic | 0 | 3,606 | 0 | 0 | 0 |
| 11 | 1,85 | SISMAX_LM71_D X | LinStatic | 0 | 3,606 | 0 | 0 | 0 |
| 11 | 1,85 | SISMAX_LM71_D X | LinStatic | 0 | 2,975 | 0 | 0 | 0 |
| 11 | 2,3125 | SISMAX_LM71_D X | LinStatic | 0 | 2,975 | 0 | 0 | 0 |
| 11 | 2,3125 | SISMAX_LM71_D X | LinStatic | 0 | 2,319 | 0 | 0 | 0 |
| 11 | 2,775 | SISMAX_LM71_D X | LinStatic | 0 | 2,319 | 0 | 0 | 0 |
| 11 | 2,775 | SISMAX_LM71_D X | LinStatic | 0 | 1,637 | 0 | 0 | 0 |
| 11 | 3,2375 | SISMAX_LM71_D X | LinStatic | 0 | 1,637 | 0 | 0 | 0 |
| 11 | 3,2375 | SISMAX_LM71_D X | LinStatic | 0 | 0,929 | 0 | 0 | 0 |
| 11 | 3,7 | SISMAX_LM71_D X | LinStatic | 0 | 0,929 | 0 | 0 | 0 |
| 11 | 0 | SISMAZ_LM71_S X | LinStatic | 0 | 1,196 | 0 | 0 | 0 |
| 11 | 0,4625 | SISMAZ_LM71_S X | LinStatic | 0 | 1,196 | 0 | 0 | 0 |
| 11 | 0,4625 | SISMAZ_LM71_S X | LinStatic | 0 | 1,013 | 0 | 0 | 0 |
| 11 | 0,925 | SISMAZ_LM71_S X | LinStatic | 0 | 1,013 | 0 | 0 | 0 |
| 11 | 0,925 | SISMAZ_LM71_S X | LinStatic | 0 | 0,84 | 0 | 0 | 0 |
| 11 | 1,3875 | SISMAZ_LM71_S X | LinStatic | 0 | 0,84 | 0 | 0 | 0 |
| 11 | 1,3875 | SISMAZ_LM71_S X | LinStatic | 0 | 0,678 | 0 | 0 | 0 |
| 11 | 1,85 | SISMAZ_LM71_S X | LinStatic | 0 | 0,678 | 0 | 0 | 0 |
| 11 | 1,85 | SISMAZ_LM71_S X | LinStatic | 0 | 0,527 | 0 | 0 | 0 |
| 11 | 2,3125 | SISMAZ_LM71_S X | LinStatic | 0 | 0,527 | 0 | 0 | 0 |
| 11 | 2,3125 | SISMAZ_LM71_S X | LinStatic | 0 | 0,386 | 0 | 0 | 0 |
| 11 | 2,775 | SISMAZ_LM71_S X | LinStatic | 0 | 0,386 | 0 | 0 | 0 |
| 11 | 2,775 | SISMAZ_LM71_S X | LinStatic | 0 | 0,255 | 0 | 0 | 0 |
| 11 | 3,2375 | SISMAZ_LM71_S X | LinStatic | 0 | 0,255 | 0 | 0 | 0 |
| 11 | 3,2375 | SISMAZ_LM71_S X | LinStatic | 0 | 0,135 | 0 | 0 | 0 |
| 11 | 3,7 | SISMAZ_LM71_S X | LinStatic | 0 | 0,135 | 0 | 0 | 0 |
| 11 | 0 | SISMAZ_LM71_D X | LinStatic | 0 | 3,1 | 0 | 0 | 0 |
| 11 | 0,4625 | SISMAZ_LM71_D X | LinStatic | 0 | 3,1 | 0 | 0 | 0 |
| 11 | 0,4625 | SISMAZ_LM71_D X | LinStatic | 0 | 2,714 | 0 | 0 | 0 |
| 11 | 0,925 | SISMAZ_LM71_D X | LinStatic | 0 | 2,714 | 0 | 0 | 0 |
| 11 | 0,925 | SISMAZ_LM71_D X | LinStatic | 0 | 2,331 | 0 | 0 | 0 |
| 11 | 1,3875 | SISMAZ_LM71_D X | LinStatic | 0 | 2,331 | 0 | 0 | 0 |
| 11 | 1,3875 | SISMAZ_LM71_D X | LinStatic | 0 | 1,95 | 0 | 0 | 0 |



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| Frame | Station m | OutputCase | CaseType | P KN | V2 KN | V3 KN | T KN-m | M2 KN-m |
|-------|--------------|--------------------|-------------|---------|----------|----------|-----------|------------|
| 11 | 1,85 | SISMAZ_LM71_D X | LinStatic | 0 | 1,95 | 0 | 0 | 0 |
| 11 | 1,85 | SISMAZ_LM71_D X | LinStatic | 0 | 1,573 | 0 | 0 | 0 |
| 11 | 2,3125 | SISMAZ_LM71_D X | LinStatic | 0 | 1,573 | 0 | 0 | 0 |
| 11 | 2,3125 | SISMAZ_LM71_D X | LinStatic | 0 | 1,198 | 0 | 0 | 0 |
| 11 | 2,775 | SISMAZ_LM71_D X | LinStatic | 0 | 1,198 | 0 | 0 | 0 |
| 11 | 2,775 | SISMAZ_LM71_D X | LinStatic | 0 | 0,827 | 0 | 0 | 0 |
| 11 | 3,2375 | SISMAZ_LM71_D X | LinStatic | 0 | 0,827 | 0 | 0 | 0 |
| 11 | 3,2375 | SISMAZ_LM71_D X | LinStatic | 0 | 0,459 | 0 | 0 | 0 |
| 11 | 3,7 | SISMAZ_LM71_D X | LinStatic | 0 | 0,459 | 0 | 0 | 0 |
| 11 | 0 | QP | Combination | 0 | 40,67 | 0 | 0 | 0 |
| 11 | 0,4625 | QP | Combination | 0 | 86,192 | 0 | 0 | 0 |
| 11 | 0,4625 | QP | Combination | 0 | 30,467 | 0 | 0 | 0 |
| 11 | 0,925 | QP | Combination | 0 | 75,989 | 0 | 0 | 0 |
| 11 | 0,925 | QP | Combination | 0 | 20,329 | 0 | 0 | 0 |
| 11 | 1,3875 | QP | Combination | 0 | 65,851 | 0 | 0 | 0 |
| 11 | 1,3875 | QP | Combination | 0 | 10,256 | 0 | 0 | 0 |
| 11 | 1,85 | QP | Combination | 0 | 55,778 | 0 | 0 | 0 |
| 11 | 1,85 | QP | Combination | 0 | 0,247 | 0 | 0 | 0 |
| 11 | 2,3125 | QP | Combination | 0 | 45,768 | 0 | 0 | 0 |
| 11 | 2,3125 | QP | Combination | 0 | -9,7 | 0 | 0 | 0 |
| 11 | 2,775 | QP | Combination | 0 | 35,822 | 0 | 0 | 0 |
| 11 | 2,775 | QP | Combination | 0 | -19,584 | 0 | 0 | 0 |
| 11 | 3,2375 | QP | Combination | 0 | 25,938 | 0 | 0 | 0 |
| 11 | 3,2375 | QP | Combination | 0 | -29,407 | 0 | 0 | 0 |
| 11 | 3,7 | QP | Combination | 0 | 16,115 | 0 | 0 | 0 |
| 12 | 0 | PP | LinStatic | 0 | -12,994 | 0 | 0 | 0 |
| 12 | 0,35 | PP | LinStatic | 0 | 15,785 | 0 | 0 | 0 |
| 12 | 0 | PPERM | LinStatic | 0 | -2,503 | 0 | 0 | 0 |
| 12 | 0,35 | PPERM | LinStatic | 0 | 3,167 | 0 | 0 | 0 |
| 12 | 0 | BALLAST | LinStatic | 0 | 1,95 | 0 | 0 | 0 |
| 12 | 0,35 | BALLAST | LinStatic | 0 | 1,95 | 0 | 0 | 0 |
| 12 | 0 | LM71_SX | LinStatic | 0 | 1,294 | 0 | 0 | 0 |
| 12 | 0,35 | LM71_SX | LinStatic | 0 | 1,294 | 0 | 0 | 0 |
| 12 | 0 | LM71_DX | LinStatic | 0 | 4,612 | 0 | 0 | 0 |
| 12 | 0,35 | LM71_DX | LinStatic | 0 | 4,612 | 0 | 0 | 0 |
| 12 | 0 | ACC_SX | LinStatic | 0 | -1,516 | 0 | 0 | 0 |
| 12 | 0,35 | ACC_SX | LinStatic | 0 | -1,516 | 0 | 0 | 0 |
| 12 | 0 | ACC_DX | LinStatic | 0 | 5,038 | 0 | 0 | 0 |
| 12 | 0,35 | ACC_DX | LinStatic | 0 | 5,038 | 0 | 0 | 0 |
| 12 | 0 | SISMAX_PP | LinStatic | 0 | 2,277 | 0 | 0 | 0 |
| 12 | 0,35 | SISMAX_PP | LinStatic | 0 | 2,277 | 0 | 0 | 0 |
| 12 | 0 | SISMAZ_PP | LinStatic | 0 | -2,098 | 0 | 0 | 0 |
| 12 | 0,35 | SISMAZ_PP | LinStatic | 0 | 3,037 | 0 | 0 | 0 |
| 12 | 0 | SISMAX_LM71_S X | LinStatic | 0 | 0,228 | 0 | 0 | 0 |
| 12 | 0,35 | SISMAX_LM71_S X | LinStatic | 0 | 0,228 | 0 | 0 | 0 |
| 12 | 0 | SISMAX_LM71_D X | LinStatic | 0 | 0,285 | 0 | 0 | 0 |
| 12 | 0,35 | SISMAX_LM71_D X | LinStatic | 0 | 0,285 | 0 | 0 | 0 |
| 12 | 0 | SISMAZ_LM71_S X | LinStatic | 0 | 0,039 | 0 | 0 | 0 |
| 12 | 0,35 | SISMAZ_LM71_S X | LinStatic | 0 | 0,039 | 0 | 0 | 0 |
| 12 | 0 | SISMAZ_LM71_D X | LinStatic | 0 | 0,137 | 0 | 0 | 0 |
| 12 | 0,35 | SISMAZ_LM71_D X | LinStatic | 0 | 0,137 | 0 | 0 | 0 |
| 12 | 0 | QP | Combination | 0 | -13,547 | 0 | 0 | 0 |
| 12 | 0,35 | QP | Combination | 0 | 20,902 | 0 | 0 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 1 | 0 | PP | 1,455E-11 | 1-1 | 0 |
| 1 | 0,35 | PP | 0,0888 | 1-1 | 0,35 |
| 1 | 0 | PPERM | 0 | 1-1 | 0 |
| 1 | 0,35 | PPERM | 0,1162 | 1-1 | 0,35 |
| 1 | 0 | BALLAST | 0 | 1-1 | 0 |
| 1 | 0,35 | BALLAST | 0,5885 | 1-1 | 0,35 |
| 1 | 0 | LM71_SX | 3,638E-12 | 1-1 | 0 |
| 1 | 0,35 | LM71_SX | 1,4535 | 1-1 | 0,35 |
| 1 | 0 | LM71_DX | 0 | 1-1 | 0 |
| 1 | 0,35 | LM71_DX | 0,3254 | 1-1 | 0,35 |
| 1 | 0 | ACC_SX | -5,457E-12 | 1-1 | 0 |
| 1 | 0,35 | ACC_SX | 1,7633 | 1-1 | 0,35 |
| 1 | 0 | ACC_DX | -1,819E-12 | 1-1 | 0 |
| 1 | 0,35 | ACC_DX | -0,5308 | 1-1 | 0,35 |
| 1 | 0 | SISMAX_PP | 3,638E-12 | 1-1 | 0 |
| 1 | 0,35 | SISMAX_PP | 14,0654 | 1-1 | 0,35 |
| 1 | 0 | SISMAZ_PP | 39,5 | 1-1 | 0 |
| 1 | 0,35 | SISMAZ_PP | 39,5601 | 1-1 | 0,35 |
| 1 | 0 | SISMAX_LM71_S X | 3,411E-13 | 1-1 | 0 |
| 1 | 0,35 | SISMAX_LM71_S X | -0,0969 | 1-1 | 0,35 |
| 1 | 0 | SISMAX_LM71_D X | -5,684E-14 | 1-1 | 0 |
| 1 | 0,35 | SISMAX_LM71_D X | -0,078 | 1-1 | 0,35 |
| 1 | 0 | SISMAZ_LM71_S X | 0 | 1-1 | 0 |
| 1 | 0,35 | SISMAZ_LM71_S X | 0,0433 | 1-1 | 0,35 |
| 1 | 0 | SISMAZ_LM71_D X | 2,274E-13 | 1-1 | 0 |
| 1 | 0,35 | SISMAZ_LM71_D X | 0,0097 | 1-1 | 0,35 |
| 1 | 0 | QP | 1,455E-11 | 1-1 | 0 |
| 1 | 0,35 | QP | 0,7935 | 1-1 | 0,35 |
| 2 | 0 | PP | 0,0888 | 2-1 | 0 |
| 2 | 0,4625 | PP | -8,2599 | 2-1 | 0,4625 |
| 2 | 0,4625 | PP | -8,2599 | 2-2 | 0 |
| 2 | 0,925 | PP | -16,2922 | 2-2 | 0,4625 |
| 2 | 0,925 | PP | -16,2922 | 2-3 | 0 |
| 2 | 1,3875 | PP | -24,005 | 2-3 | 0,4625 |
| 2 | 1,3875 | PP | -24,005 | 2-4 | 0 |
| 2 | 1,85 | PP | -31,3949 | 2-4 | 0,4625 |
| 2 | 1,85 | PP | -31,3949 | 2-5 | 0 |
| 2 | 2,3125 | PP | -38,4586 | 2-5 | 0,4625 |
| 2 | 2,3125 | PP | -38,4586 | 2-6 | 0 |
| 2 | 2,775 | PP | -45,1922 | 2-6 | 0,4625 |
| 2 | 2,775 | PP | -45,1922 | 2-7 | 0 |
| 2 | 3,2375 | PP | -51,5917 | 2-7 | 0,4625 |
| 2 | 3,2375 | PP | -51,5917 | 2-8 | 0 |
| 2 | 3,7 | PP | -57,6528 | 2-8 | 0,4625 |
| 2 | 0 | PPERM | 0,1162 | 2-1 | 0 |
| 2 | 0,4625 | PPERM | 0,6302 | 2-1 | 0,4625 |
| 2 | 0,4625 | PPERM | 0,6302 | 2-2 | 0 |
| 2 | 0,925 | PPERM | 1,5608 | 2-2 | 0,4625 |
| 2 | 0,925 | PPERM | 1,5608 | 2-3 | 0 |
| 2 | 1,3875 | PPERM | 2,9144 | 2-3 | 0,4625 |
| 2 | 1,3875 | PPERM | 2,9144 | 2-4 | 0 |
| 2 | 1,85 | PPERM | 4,6973 | 2-4 | 0,4625 |
| 2 | 1,85 | PPERM | 4,6973 | 2-5 | 0 |
| 2 | 2,3125 | PPERM | 6,9159 | 2-5 | 0,4625 |
| 2 | 2,3125 | PPERM | 6,9159 | 2-6 | 0 |
| 2 | 2,775 | PPERM | 9,5765 | 2-6 | 0,4625 |
| 2 | 2,775 | PPERM | 9,5765 | 2-7 | 0 |
| 2 | 3,2375 | PPERM | 12,6856 | 2-7 | 0,4625 |
| 2 | 3,2375 | PPERM | 12,6856 | 2-8 | 0 |
| 2 | 3,7 | PPERM | 16,2496 | 2-8 | 0,4625 |
| 2 | 0 | BALLAST | 0,5885 | 2-1 | 0 |
| 2 | 0,4625 | BALLAST | 3,2201 | 2-1 | 0,4625 |
| 2 | 0,4625 | BALLAST | 3,2201 | 2-2 | 0 |
| 2 | 0,925 | BALLAST | 8,0359 | 2-2 | 0,4625 |
| 2 | 0,925 | BALLAST | 8,0359 | 2-3 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 2 | 1,3875 | BALLAST | 15,1096 | 2-3 | 0,4625 |
| 2 | 1,3875 | BALLAST | 15,1096 | 2-4 | 0 |
| 2 | 1,85 | BALLAST | 24,5152 | 2-4 | 0,4625 |
| 2 | 1,85 | BALLAST | 24,5152 | 2-5 | 0 |
| 2 | 2,3125 | BALLAST | 36,3268 | 2-5 | 0,4625 |
| 2 | 2,3125 | BALLAST | 36,3268 | 2-6 | 0 |
| 2 | 2,775 | BALLAST | 50,6188 | 2-6 | 0,4625 |
| 2 | 2,775 | BALLAST | 50,6188 | 2-7 | 0 |
| 2 | 3,2375 | BALLAST | 67,4655 | 2-7 | 0,4625 |
| 2 | 3,2375 | BALLAST | 67,4655 | 2-8 | 0 |
| 2 | 3,7 | BALLAST | 86,9412 | 2-8 | 0,4625 |
| 2 | 0 | LM71_SX | 1,4535 | 2-1 | 0 |
| 2 | 0,4625 | LM71_SX | 7,8747 | 2-1 | 0,4625 |
| 2 | 0,4625 | LM71_SX | 7,8747 | 2-2 | 0 |
| 2 | 0,925 | LM71_SX | 19,4826 | 2-2 | 0,4625 |
| 2 | 0,925 | LM71_SX | 19,4826 | 2-3 | 0 |
| 2 | 1,3875 | LM71_SX | 36,3408 | 2-3 | 0,4625 |
| 2 | 1,3875 | LM71_SX | 36,3408 | 2-4 | 0 |
| 2 | 1,85 | LM71_SX | 58,5137 | 2-4 | 0,4625 |
| 2 | 1,85 | LM71_SX | 58,5137 | 2-5 | 0 |
| 2 | 2,3125 | LM71_SX | 86,0657 | 2-5 | 0,4625 |
| 2 | 2,3125 | LM71_SX | 86,0657 | 2-6 | 0 |
| 2 | 2,775 | LM71_SX | 119,062 | 2-6 | 0,4625 |
| 2 | 2,775 | LM71_SX | 119,062 | 2-7 | 0 |
| 2 | 3,2375 | LM71_SX | 157,5673 | 2-7 | 0,4625 |
| 2 | 3,2375 | LM71_SX | 157,5673 | 2-8 | 0 |
| 2 | 3,7 | LM71_SX | 201,6466 | 2-8 | 0,4625 |
| 2 | 0 | LM71_DX | 0,3254 | 2-1 | 0 |
| 2 | 0,4625 | LM71_DX | 1,868 | 2-1 | 0,4625 |
| 2 | 0,4625 | LM71_DX | 1,868 | 2-2 | 0 |
| 2 | 0,925 | LM71_DX | 4,849 | 2-2 | 0,4625 |
| 2 | 0,925 | LM71_DX | 4,849 | 2-3 | 0 |
| 2 | 1,3875 | LM71_DX | 9,4407 | 2-3 | 0,4625 |
| 2 | 1,3875 | LM71_DX | 9,4407 | 2-4 | 0 |
| 2 | 1,85 | LM71_DX | 15,8154 | 2-4 | 0,4625 |
| 2 | 1,85 | LM71_DX | 15,8154 | 2-5 | 0 |
| 2 | 2,3125 | LM71_DX | 24,1456 | 2-5 | 0,4625 |
| 2 | 2,3125 | LM71_DX | 24,1456 | 2-6 | 0 |
| 2 | 2,775 | LM71_DX | 34,6038 | 2-6 | 0,4625 |
| 2 | 2,775 | LM71_DX | 34,6038 | 2-7 | 0 |
| 2 | 3,2375 | LM71_DX | 47,3628 | 2-7 | 0,4625 |
| 2 | 3,2375 | LM71_DX | 47,3628 | 2-8 | 0 |
| 2 | 3,7 | LM71_DX | 62,5954 | 2-8 | 0,4625 |
| 2 | 0 | ACC_SX | 1,7633 | 2-1 | 0 |
| 2 | 0,4625 | ACC_SX | 3,6044 | 2-1 | 0,4625 |
| 2 | 0,4625 | ACC_SX | 3,6044 | 2-2 | 0 |
| 2 | 0,925 | ACC_SX | -0,2712 | 2-2 | 0,4625 |
| 2 | 0,925 | ACC_SX | -0,2712 | 2-3 | 0 |
| 2 | 1,3875 | ACC_SX | -10,0488 | 2-3 | 0,4625 |
| 2 | 1,3875 | ACC_SX | -10,0488 | 2-4 | 0 |
| 2 | 1,85 | ACC_SX | -25,9143 | 2-4 | 0,4625 |
| 2 | 1,85 | ACC_SX | -25,9143 | 2-5 | 0 |
| 2 | 2,3125 | ACC_SX | -48,054 | 2-5 | 0,4625 |
| 2 | 2,3125 | ACC_SX | -48,054 | 2-6 | 0 |
| 2 | 2,775 | ACC_SX | -76,6554 | 2-6 | 0,4625 |
| 2 | 2,775 | ACC_SX | -76,6554 | 2-7 | 0 |
| 2 | 3,2375 | ACC_SX | -111,906 | 2-7 | 0,4625 |
| 2 | 3,2375 | ACC_SX | -111,906 | 2-8 | 0 |
| 2 | 3,7 | ACC_SX | -153,9939 | 2-8 | 0,4625 |
| 2 | 0 | ACC_DX | -0,5308 | 2-1 | 0 |
| 2 | 0,4625 | ACC_DX | -2,796 | 2-1 | 0,4625 |
| 2 | 0,4625 | ACC_DX | -2,796 | 2-2 | 0 |
| 2 | 0,925 | ACC_DX | -6,745 | 2-2 | 0,4625 |
| 2 | 0,925 | ACC_DX | -6,745 | 2-3 | 0 |
| 2 | 1,3875 | ACC_DX | -12,2816 | 2-3 | 0,4625 |
| 2 | 1,3875 | ACC_DX | -12,2816 | 2-4 | 0 |
| 2 | 1,85 | ACC_DX | -19,3095 | 2-4 | 0,4625 |
| 2 | 1,85 | ACC_DX | -19,3095 | 2-5 | 0 |
| 2 | 2,3125 | ACC_DX | -27,7326 | 2-5 | 0,4625 |
| 2 | 2,3125 | ACC_DX | -27,7326 | 2-6 | 0 |
| 2 | 2,775 | ACC_DX | -37,455 | 2-6 | 0,4625 |
| 2 | 2,775 | ACC_DX | -37,455 | 2-7 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 2 | 3,2375 | ACC_DX | -48,3805 | 2-7 | 0,4625 |
| 2 | 3,2375 | ACC_DX | -48,3805 | 2-8 | 0 |
| 2 | 3,7 | ACC_DX | -60,4129 | 2-8 | 0,4625 |
| 2 | 0 | SISMAX_PP | 14,0654 | 2-1 | 0 |
| 2 | 0,4625 | SISMAX_PP | 30,2893 | 2-1 | 0,4625 |
| 2 | 0,4625 | SISMAX_PP | 30,2893 | 2-2 | 0 |
| 2 | 0,925 | SISMAX_PP | 43,925 | 2-2 | 0,4625 |
| 2 | 0,925 | SISMAX_PP | 43,925 | 2-3 | 0 |
| 2 | 1,3875 | SISMAX_PP | 55,073 | 2-3 | 0,4625 |
| 2 | 1,3875 | SISMAX_PP | 55,073 | 2-4 | 0 |
| 2 | 1,85 | SISMAX_PP | 63,8336 | 2-4 | 0,4625 |
| 2 | 1,85 | SISMAX_PP | 63,8336 | 2-5 | 0 |
| 2 | 2,3125 | SISMAX_PP | 70,3059 | 2-5 | 0,4625 |
| 2 | 2,3125 | SISMAX_PP | 70,3059 | 2-6 | 0 |
| 2 | 2,775 | SISMAX_PP | 74,5888 | 2-6 | 0,4625 |
| 2 | 2,775 | SISMAX_PP | 74,5888 | 2-7 | 0 |
| 2 | 3,2375 | SISMAX_PP | 76,7802 | 2-7 | 0,4625 |
| 2 | 3,2375 | SISMAX_PP | 76,7802 | 2-8 | 0 |
| 2 | 3,7 | SISMAX_PP | 76,9771 | 2-8 | 0,4625 |
| 2 | 0 | SISMAZ_PP | 39,5601 | 2-1 | 0 |
| 2 | 0,4625 | SISMAZ_PP | 39,8373 | 2-1 | 0,4625 |
| 2 | 0,4625 | SISMAZ_PP | 39,8373 | 2-2 | 0 |
| 2 | 0,925 | SISMAZ_PP | 40,36 | 2-2 | 0,4625 |
| 2 | 0,925 | SISMAZ_PP | 40,36 | 2-3 | 0 |
| 2 | 1,3875 | SISMAZ_PP | 41,1483 | 2-3 | 0,4625 |
| 2 | 1,3875 | SISMAZ_PP | 41,1483 | 2-4 | 0 |
| 2 | 1,85 | SISMAZ_PP | 42,2219 | 2-4 | 0,4625 |
| 2 | 1,85 | SISMAZ_PP | 42,2219 | 2-5 | 0 |
| 2 | 2,3125 | SISMAZ_PP | 43,6002 | 2-5 | 0,4625 |
| 2 | 2,3125 | SISMAZ_PP | 43,6002 | 2-6 | 0 |
| 2 | 2,775 | SISMAZ_PP | 45,3027 | 2-6 | 0,4625 |
| 2 | 2,775 | SISMAZ_PP | 45,3027 | 2-7 | 0 |
| 2 | 3,2375 | SISMAZ_PP | 47,3482 | 2-7 | 0,4625 |
| 2 | 3,2375 | SISMAZ_PP | 47,3482 | 2-8 | 0 |
| 2 | 3,7 | SISMAZ_PP | 49,7556 | 2-8 | 0,4625 |
| 2 | 0 | SISMAX_LM71_S X | -0,0969 | 2-1 | 0 |
| 2 | 0,4625 | SISMAX_LM71_S X | -0,5149 | 2-1 | 0,4625 |
| 2 | 0,4625 | SISMAX_LM71_S X | -0,5149 | 2-2 | 0 |
| 2 | 0,925 | SISMAX_LM71_S X | -1,2517 | 2-2 | 0,4625 |
| 2 | 0,925 | SISMAX_LM71_S X | -1,2517 | 2-3 | 0 |
| 2 | 1,3875 | SISMAX_LM71_S X | -2,2961 | 2-3 | 0,4625 |
| 2 | 1,3875 | SISMAX_LM71_S X | -2,2961 | 2-4 | 0 |
| 2 | 1,85 | SISMAX_LM71_S X | -3,637 | 2-4 | 0,4625 |
| 2 | 1,85 | SISMAX_LM71_S X | -3,637 | 2-5 | 0 |
| 2 | 2,3125 | SISMAX_LM71_S X | -5,2633 | 2-5 | 0,4625 |
| 2 | 2,3125 | SISMAX_LM71_S X | -5,2633 | 2-6 | 0 |
| 2 | 2,775 | SISMAX_LM71_S X | -7,1639 | 2-6 | 0,4625 |
| 2 | 2,775 | SISMAX_LM71_S X | -7,1639 | 2-7 | 0 |
| 2 | 3,2375 | SISMAX_LM71_S X | -9,3277 | 2-7 | 0,4625 |
| 2 | 3,2375 | SISMAX_LM71_S X | -9,3277 | 2-8 | 0 |
| 2 | 3,7 | SISMAX_LM71_S X | -11,7435 | 2-8 | 0,4625 |
| 2 | 0 | SISMAX_LM71_D X | -0,078 | 2-1 | 0 |
| 2 | 0,4625 | SISMAX_LM71_D X | -0,4156 | 2-1 | 0,4625 |
| 2 | 0,4625 | SISMAX_LM71_D X | -0,4156 | 2-2 | 0 |
| 2 | 0,925 | SISMAX_LM71_D X | -1,0137 | 2-2 | 0,4625 |
| 2 | 0,925 | SISMAX_LM71_D X | -1,0137 | 2-3 | 0 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 2 | 1,3875 | SISMAX_LM71_D X | -1,8653 | 2-3 | 0,4625 |
| 2 | 1,3875 | SISMAX_LM71_D X | -1,8653 | 2-4 | 0 |
| 2 | 1,85 | SISMAX_LM71_D X | -2,9638 | 2-4 | 0,4625 |
| 2 | 1,85 | SISMAX_LM71_D X | -2,9638 | 2-5 | 0 |
| 2 | 2,3125 | SISMAX_LM71_D X | -4,3025 | 2-5 | 0,4625 |
| 2 | 2,3125 | SISMAX_LM71_D X | -4,3025 | 2-6 | 0 |
| 2 | 2,775 | SISMAX_LM71_D X | -5,8747 | 2-6 | 0,4625 |
| 2 | 2,775 | SISMAX_LM71_D X | -5,8747 | 2-7 | 0 |
| 2 | 3,2375 | SISMAX_LM71_D X | -7,6737 | 2-7 | 0,4625 |
| 2 | 3,2375 | SISMAX_LM71_D X | -7,6737 | 2-8 | 0 |
| 2 | 3,7 | SISMAX_LM71_D X | -9,6927 | 2-8 | 0,4625 |
| 2 | 0 | SISMAZ_LM71_S X | 0,0433 | 2-1 | 0 |
| 2 | 0,4625 | SISMAZ_LM71_S X | 0,2348 | 2-1 | 0,4625 |
| 2 | 0,4625 | SISMAZ_LM71_S X | 0,2348 | 2-2 | 0 |
| 2 | 0,925 | SISMAZ_LM71_S X | 0,5808 | 2-2 | 0,4625 |
| 2 | 0,925 | SISMAZ_LM71_S X | 0,5808 | 2-3 | 0 |
| 2 | 1,3875 | SISMAZ_LM71_S X | 1,0834 | 2-3 | 0,4625 |
| 2 | 1,3875 | SISMAZ_LM71_S X | 1,0834 | 2-4 | 0 |
| 2 | 1,85 | SISMAZ_LM71_S X | 1,7444 | 2-4 | 0,4625 |
| 2 | 1,85 | SISMAZ_LM71_S X | 1,7444 | 2-5 | 0 |
| 2 | 2,3125 | SISMAZ_LM71_S X | 2,5658 | 2-5 | 0,4625 |
| 2 | 2,3125 | SISMAZ_LM71_S X | 2,5658 | 2-6 | 0 |
| 2 | 2,775 | SISMAZ_LM71_S X | 3,5495 | 2-6 | 0,4625 |
| 2 | 2,775 | SISMAZ_LM71_S X | 3,5495 | 2-7 | 0 |
| 2 | 3,2375 | SISMAZ_LM71_S X | 4,6975 | 2-7 | 0,4625 |
| 2 | 3,2375 | SISMAZ_LM71_S X | 4,6975 | 2-8 | 0 |
| 2 | 3,7 | SISMAZ_LM71_S X | 6,0116 | 2-8 | 0,4625 |
| 2 | 0 | SISMAZ_LM71_D X | 0,0097 | 2-1 | 0 |
| 2 | 0,4625 | SISMAZ_LM71_D X | 0,0557 | 2-1 | 0,4625 |
| 2 | 0,4625 | SISMAZ_LM71_D X | 0,0557 | 2-2 | 0 |
| 2 | 0,925 | SISMAZ_LM71_D X | 0,1446 | 2-2 | 0,4625 |
| 2 | 0,925 | SISMAZ_LM71_D X | 0,1446 | 2-3 | 0 |
| 2 | 1,3875 | SISMAZ_LM71_D X | 0,2815 | 2-3 | 0,4625 |
| 2 | 1,3875 | SISMAZ_LM71_D X | 0,2815 | 2-4 | 0 |
| 2 | 1,85 | SISMAZ_LM71_D X | 0,4715 | 2-4 | 0,4625 |
| 2 | 1,85 | SISMAZ_LM71_D X | 0,4715 | 2-5 | 0 |
| 2 | 2,3125 | SISMAZ_LM71_D X | 0,7198 | 2-5 | 0,4625 |
| 2 | 2,3125 | SISMAZ_LM71_D X | 0,7198 | 2-6 | 0 |
| 2 | 2,775 | SISMAZ_LM71_D X | 1,0316 | 2-6 | 0,4625 |
| 2 | 2,775 | SISMAZ_LM71_D X | 1,0316 | 2-7 | 0 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 2 | 3,2375 | SISMAZ_LM71_D X | 1,412 | 2-7 | 0,4625 |
| 2 | 3,2375 | SISMAZ_LM71_D X | 1,412 | 2-8 | 0 |
| 2 | 3,7 | SISMAZ_LM71_D X | 1,8661 | 2-8 | 0,4625 |
| 2 | 0 | QP | 0,7935 | 2-1 | 0 |
| 2 | 0,4625 | QP | -4,4096 | 2-1 | 0,4625 |
| 2 | 0,4625 | QP | -4,4096 | 2-2 | 0 |
| 2 | 0,925 | QP | -6,6955 | 2-2 | 0,4625 |
| 2 | 0,925 | QP | -6,6955 | 2-3 | 0 |
| 2 | 1,3875 | QP | -5,981 | 2-3 | 0,4625 |
| 2 | 1,3875 | QP | -5,981 | 2-4 | 0 |
| 2 | 1,85 | QP | -2,1824 | 2-4 | 0,4625 |
| 2 | 1,85 | QP | -2,1824 | 2-5 | 0 |
| 2 | 2,3125 | QP | 4,7841 | 2-5 | 0,4625 |
| 2 | 2,3125 | QP | 4,7841 | 2-6 | 0 |
| 2 | 2,775 | QP | 15,0032 | 2-6 | 0,4625 |
| 2 | 2,775 | QP | 15,0032 | 2-7 | 0 |
| 2 | 3,2375 | QP | 28,5594 | 2-7 | 0,4625 |
| 2 | 3,2375 | QP | 28,5594 | 2-8 | 0 |
| 2 | 3,7 | QP | 45,5381 | 2-8 | 0,4625 |
| 3 | 0 | PP | -57,6528 | 3-1 | 0 |
| 3 | 0,46818 | PP | -67,231 | 3-1 | 0,46818 |
| 3 | 0,46818 | PP | -67,231 | 3-2 | 0 |
| 3 | 0,93636 | PP | -76,4526 | 3-2 | 0,46818 |
| 3 | 0,93636 | PP | -76,4526 | 3-3 | 0 |
| 3 | 1,40455 | PP | -85,3123 | 3-3 | 0,46818 |
| 3 | 1,40455 | PP | -85,3123 | 3-4 | 0 |
| 3 | 1,87273 | PP | -93,8038 | 3-4 | 0,46818 |
| 3 | 1,87273 | PP | -93,8038 | 3-5 | 0 |
| 3 | 2,34091 | PP | -101,9208 | 3-5 | 0,46818 |
| 3 | 2,34091 | PP | -101,9208 | 3-6 | 0 |
| 3 | 2,80909 | PP | -109,6556 | 3-6 | 0,46818 |
| 3 | 2,80909 | PP | -109,6556 | 3-7 | 0 |
| 3 | 3,27727 | PP | -117,0002 | 3-7 | 0,46818 |
| 3 | 3,27727 | PP | -117,0002 | 3-8 | 0 |
| 3 | 3,74545 | PP | -123,9457 | 3-8 | 0,46818 |
| 3 | 3,74545 | PP | -123,9457 | 3-9 | 0 |
| 3 | 4,21364 | PP | -130,4821 | 3-9 | 0,46818 |
| 3 | 4,21364 | PP | -130,4821 | 3-10 | 0 |
| 3 | 4,68182 | PP | -136,5987 | 3-10 | 0,46818 |
| 3 | 4,68182 | PP | -136,5987 | 3-11 | 0 |
| 3 | 5,15 | PP | -142,2837 | 3-11 | 0,46818 |
| 3 | 0 | PPERM | 16,2496 | 3-1 | 0 |
| 3 | 0,46818 | PPERM | 19,972 | 3-1 | 0,46818 |
| 3 | 0,46818 | PPERM | 19,972 | 3-2 | 0 |
| 3 | 0,93636 | PPERM | 23,4633 | 3-2 | 0,46818 |
| 3 | 0,93636 | PPERM | 23,4633 | 3-3 | 0 |
| 3 | 1,40455 | PPERM | 26,7299 | 3-3 | 0,46818 |
| 3 | 1,40455 | PPERM | 26,7299 | 3-4 | 0 |
| 3 | 1,87273 | PPERM | 29,7778 | 3-4 | 0,46818 |
| 3 | 1,87273 | PPERM | 29,7778 | 3-5 | 0 |
| 3 | 2,34091 | PPERM | 32,6129 | 3-5 | 0,46818 |
| 3 | 2,34091 | PPERM | 32,6129 | 3-6 | 0 |
| 3 | 2,80909 | PPERM | 35,2408 | 3-6 | 0,46818 |
| 3 | 2,80909 | PPERM | 35,2408 | 3-7 | 0 |
| 3 | 3,27727 | PPERM | 37,6671 | 3-7 | 0,46818 |
| 3 | 3,27727 | PPERM | 37,6671 | 3-8 | 0 |
| 3 | 3,74545 | PPERM | 39,8966 | 3-8 | 0,46818 |
| 3 | 3,74545 | PPERM | 39,8966 | 3-9 | 0 |
| 3 | 4,21364 | PPERM | 41,9344 | 3-9 | 0,46818 |
| 3 | 4,21364 | PPERM | 41,9344 | 3-10 | 0 |
| 3 | 4,68182 | PPERM | 43,7847 | 3-10 | 0,46818 |
| 3 | 4,68182 | PPERM | 43,7847 | 3-11 | 0 |
| 3 | 5,15 | PPERM | 45,4518 | 3-11 | 0,46818 |
| 3 | 0 | BALLAST | 86,9412 | 3-1 | 0 |
| 3 | 0,46818 | BALLAST | 109,4094 | 3-1 | 0,46818 |
| 3 | 0,46818 | BALLAST | 109,4094 | 3-2 | 0 |
| 3 | 0,93636 | BALLAST | 134,7244 | 3-2 | 0,46818 |
| 3 | 0,93636 | BALLAST | 134,7244 | 3-3 | 0 |
| 3 | 1,40455 | BALLAST | 162,9624 | 3-3 | 0,46818 |
| 3 | 1,40455 | BALLAST | 162,9624 | 3-4 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 3 | 1,87273 | BALLAST | 194,199 | 3-4 | 0,46818 |
| 3 | 1,87273 | BALLAST | 194,199 | 3-5 | 0 |
| 3 | 2,34091 | BALLAST | 228,5092 | 3-5 | 0,46818 |
| 3 | 2,34091 | BALLAST | 228,5092 | 3-6 | 0 |
| 3 | 2,80909 | BALLAST | 265,9668 | 3-6 | 0,46818 |
| 3 | 2,80909 | BALLAST | 265,9668 | 3-7 | 0 |
| 3 | 3,27727 | BALLAST | 306,6445 | 3-7 | 0,46818 |
| 3 | 3,27727 | BALLAST | 306,6445 | 3-8 | 0 |
| 3 | 3,74545 | BALLAST | 350,6133 | 3-8 | 0,46818 |
| 3 | 3,74545 | BALLAST | 350,6133 | 3-9 | 0 |
| 3 | 4,21364 | BALLAST | 397,9426 | 3-9 | 0,46818 |
| 3 | 4,21364 | BALLAST | 397,9426 | 3-10 | 0 |
| 3 | 4,68182 | BALLAST | 448,6997 | 3-10 | 0,46818 |
| 3 | 4,68182 | BALLAST | 448,6997 | 3-11 | 0 |
| 3 | 5,15 | BALLAST | 502,9492 | 3-11 | 0,46818 |
| 3 | 0 | LM71_SX | 201,6466 | 3-1 | 0 |
| 3 | 0,46818 | LM71_SX | 252,0103 | 3-1 | 0,46818 |
| 3 | 0,46818 | LM71_SX | 252,0103 | 3-2 | 0 |
| 3 | 0,93636 | LM71_SX | 308,218 | 3-2 | 0,46818 |
| 3 | 0,93636 | LM71_SX | 308,218 | 3-3 | 0 |
| 3 | 1,40455 | LM71_SX | 370,3348 | 3-3 | 0,46818 |
| 3 | 1,40455 | LM71_SX | 370,3348 | 3-4 | 0 |
| 3 | 1,87273 | LM71_SX | 438,4245 | 3-4 | 0,46818 |
| 3 | 1,87273 | LM71_SX | 438,4245 | 3-5 | 0 |
| 3 | 2,34091 | LM71_SX | 512,5486 | 3-5 | 0,46818 |
| 3 | 2,34091 | LM71_SX | 512,5486 | 3-6 | 0 |
| 3 | 2,80909 | LM71_SX | 592,7666 | 3-6 | 0,46818 |
| 3 | 2,80909 | LM71_SX | 592,7666 | 3-7 | 0 |
| 3 | 3,27727 | LM71_SX | 679,135 | 3-7 | 0,46818 |
| 3 | 3,27727 | LM71_SX | 679,135 | 3-8 | 0 |
| 3 | 3,74545 | LM71_SX | 771,7065 | 3-8 | 0,46818 |
| 3 | 3,74545 | LM71_SX | 771,7065 | 3-9 | 0 |
| 3 | 4,21364 | LM71_SX | 870,5301 | 3-9 | 0,46818 |
| 3 | 4,21364 | LM71_SX | 870,5301 | 3-10 | 0 |
| 3 | 4,68182 | LM71_SX | 975,6498 | 3-10 | 0,46818 |
| 3 | 4,68182 | LM71_SX | 975,6498 | 3-11 | 0 |
| 3 | 5,15 | LM71_SX | 1087,1043 | 3-11 | 0,46818 |
| 3 | 0 | LM71_DX | 62,5954 | 3-1 | 0 |
| 3 | 0,46818 | LM71_DX | 80,7103 | 3-1 | 0,46818 |
| 3 | 0,46818 | LM71_DX | 80,7103 | 3-2 | 0 |
| 3 | 0,93636 | LM71_DX | 101,716 | 3-2 | 0,46818 |
| 3 | 0,93636 | LM71_DX | 101,716 | 3-3 | 0 |
| 3 | 1,40455 | LM71_DX | 125,7913 | 3-3 | 0,46818 |
| 3 | 1,40455 | LM71_DX | 125,7913 | 3-4 | 0 |
| 3 | 1,87273 | LM71_DX | 153,1148 | 3-4 | 0,46818 |
| 3 | 1,87273 | LM71_DX | 153,1148 | 3-5 | 0 |
| 3 | 2,34091 | LM71_DX | 183,8646 | 3-5 | 0,46818 |
| 3 | 2,34091 | LM71_DX | 183,8646 | 3-6 | 0 |
| 3 | 2,80909 | LM71_DX | 218,2179 | 3-6 | 0,46818 |
| 3 | 2,80909 | LM71_DX | 218,2179 | 3-7 | 0 |
| 3 | 3,27727 | LM71_DX | 256,3514 | 3-7 | 0,46818 |
| 3 | 3,27727 | LM71_DX | 256,3514 | 3-8 | 0 |
| 3 | 3,74545 | LM71_DX | 298,4404 | 3-8 | 0,46818 |
| 3 | 3,74545 | LM71_DX | 298,4404 | 3-9 | 0 |
| 3 | 4,21364 | LM71_DX | 344,6591 | 3-9 | 0,46818 |
| 3 | 4,21364 | LM71_DX | 344,6591 | 3-10 | 0 |
| 3 | 4,68182 | LM71_DX | 395,1797 | 3-10 | 0,46818 |
| 3 | 4,68182 | LM71_DX | 395,1797 | 3-11 | 0 |
| 3 | 5,15 | LM71_DX | 450,173 | 3-11 | 0,46818 |
| 3 | 0 | ACC_SX | -153,9939 | 3-1 | 0 |
| 3 | 0,46818 | ACC_SX | -197,8359 | 3-1 | 0,46818 |
| 3 | 0,46818 | ACC_SX | -197,8359 | 3-2 | 0 |
| 3 | 0,93636 | ACC_SX | -237,2345 | 3-2 | 0,46818 |
| 3 | 0,93636 | ACC_SX | -237,2345 | 3-3 | 0 |
| 3 | 1,40455 | ACC_SX | -272,382 | 3-3 | 0,46818 |
| 3 | 1,40455 | ACC_SX | -272,382 | 3-4 | 0 |
| 3 | 1,87273 | ACC_SX | -303,4682 | 3-4 | 0,46818 |
| 3 | 1,87273 | ACC_SX | -303,4682 | 3-5 | 0 |
| 3 | 2,34091 | ACC_SX | -330,6805 | 3-5 | 0,46818 |
| 3 | 2,34091 | ACC_SX | -330,6805 | 3-6 | 0 |
| 3 | 2,80909 | ACC_SX | -354,2037 | 3-6 | 0,46818 |
| 3 | 2,80909 | ACC_SX | -354,2037 | 3-7 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 3 | 3,27727 | ACC_SX | -374,2196 | 3-7 | 0,46818 |
| 3 | 3,27727 | ACC_SX | -374,2196 | 3-8 | 0 |
| 3 | 3,74545 | ACC_SX | -390,9071 | 3-8 | 0,46818 |
| 3 | 3,74545 | ACC_SX | -390,9071 | 3-9 | 0 |
| 3 | 4,21364 | ACC_SX | -404,4419 | 3-9 | 0,46818 |
| 3 | 4,21364 | ACC_SX | -404,4419 | 3-10 | 0 |
| 3 | 4,68182 | ACC_SX | -414,9966 | 3-10 | 0,46818 |
| 3 | 4,68182 | ACC_SX | -414,9966 | 3-11 | 0 |
| 3 | 5,15 | ACC_SX | -422,7403 | 3-11 | 0,46818 |
| 3 | 0 | ACC_DX | -60,4129 | 3-1 | 0 |
| 3 | 0,46818 | ACC_DX | -73,6224 | 3-1 | 0,46818 |
| 3 | 0,46818 | ACC_DX | -73,6224 | 3-2 | 0 |
| 3 | 0,93636 | ACC_DX | -87,7672 | 3-2 | 0,46818 |
| 3 | 0,93636 | ACC_DX | -87,7672 | 3-3 | 0 |
| 3 | 1,40455 | ACC_DX | -102,7467 | 3-3 | 0,46818 |
| 3 | 1,40455 | ACC_DX | -102,7467 | 3-4 | 0 |
| 3 | 1,87273 | ACC_DX | -118,4596 | 3-4 | 0,46818 |
| 3 | 1,87273 | ACC_DX | -118,4596 | 3-5 | 0 |
| 3 | 2,34091 | ACC_DX | -134,804 | 3-5 | 0,46818 |
| 3 | 2,34091 | ACC_DX | -134,804 | 3-6 | 0 |
| 3 | 2,80909 | ACC_DX | -151,6773 | 3-6 | 0,46818 |
| 3 | 2,80909 | ACC_DX | -151,6773 | 3-7 | 0 |
| 3 | 3,27727 | ACC_DX | -168,9761 | 3-7 | 0,46818 |
| 3 | 3,27727 | ACC_DX | -168,9761 | 3-8 | 0 |
| 3 | 3,74545 | ACC_DX | -186,5957 | 3-8 | 0,46818 |
| 3 | 3,74545 | ACC_DX | -186,5957 | 3-9 | 0 |
| 3 | 4,21364 | ACC_DX | -204,4303 | 3-9 | 0,46818 |
| 3 | 4,21364 | ACC_DX | -204,4303 | 3-10 | 0 |
| 3 | 4,68182 | ACC_DX | -222,373 | 3-10 | 0,46818 |
| 3 | 4,68182 | ACC_DX | -222,373 | 3-11 | 0 |
| 3 | 5,15 | ACC_DX | -240,3152 | 3-11 | 0,46818 |
| 3 | 0 | SISMAX_PP | 76,9771 | 3-1 | 0 |
| 3 | 0,46818 | SISMAX_PP | 76,409 | 3-1 | 0,46818 |
| 3 | 0,46818 | SISMAX_PP | 76,409 | 3-2 | 0 |
| 3 | 0,93636 | SISMAX_PP | 73,9952 | 3-2 | 0,46818 |
| 3 | 0,93636 | SISMAX_PP | 73,9952 | 3-3 | 0 |
| 3 | 1,40455 | SISMAX_PP | 69,8338 | 3-3 | 0,46818 |
| 3 | 1,40455 | SISMAX_PP | 69,8338 | 3-4 | 0 |
| 3 | 1,87273 | SISMAX_PP | 64,0226 | 3-4 | 0,46818 |
| 3 | 1,87273 | SISMAX_PP | 64,0226 | 3-5 | 0 |
| 3 | 2,34091 | SISMAX_PP | 56,6585 | 3-5 | 0,46818 |
| 3 | 2,34091 | SISMAX_PP | 56,6585 | 3-6 | 0 |
| 3 | 2,80909 | SISMAX_PP | 47,8377 | 3-6 | 0,46818 |
| 3 | 2,80909 | SISMAX_PP | 47,8377 | 3-7 | 0 |
| 3 | 3,27727 | SISMAX_PP | 37,6558 | 3-7 | 0,46818 |
| 3 | 3,27727 | SISMAX_PP | 37,6558 | 3-8 | 0 |
| 3 | 3,74545 | SISMAX_PP | 26,2079 | 3-8 | 0,46818 |
| 3 | 3,74545 | SISMAX_PP | 26,2079 | 3-9 | 0 |
| 3 | 4,21364 | SISMAX_PP | 13,5888 | 3-9 | 0,46818 |
| 3 | 4,21364 | SISMAX_PP | 13,5888 | 3-10 | 0 |
| 3 | 4,68182 | SISMAX_PP | -0,1073 | 3-10 | 0,46818 |
| 3 | 4,68182 | SISMAX_PP | -0,1073 | 3-11 | 0 |
| 3 | 5,15 | SISMAX_PP | -14,7861 | 3-11 | 0,46818 |
| 3 | 0 | SISMAZ_PP | 49,7556 | 3-1 | 0 |
| 3 | 0,46818 | SISMAZ_PP | 52,5262 | 3-1 | 0,46818 |
| 3 | 0,46818 | SISMAZ_PP | 52,5262 | 3-2 | 0 |
| 3 | 0,93636 | SISMAZ_PP | 55,5979 | 3-2 | 0,46818 |
| 3 | 0,93636 | SISMAZ_PP | 55,5979 | 3-3 | 0 |
| 3 | 1,40455 | SISMAZ_PP | 58,9891 | 3-3 | 0,46818 |
| 3 | 1,40455 | SISMAZ_PP | 58,9891 | 3-4 | 0 |
| 3 | 1,87273 | SISMAZ_PP | 62,7181 | 3-4 | 0,46818 |
| 3 | 1,87273 | SISMAZ_PP | 62,7181 | 3-5 | 0 |
| 3 | 2,34091 | SISMAZ_PP | 66,8025 | 3-5 | 0,46818 |
| 3 | 2,34091 | SISMAZ_PP | 66,8025 | 3-6 | 0 |
| 3 | 2,80909 | SISMAZ_PP | 71,2596 | 3-6 | 0,46818 |
| 3 | 2,80909 | SISMAZ_PP | 71,2596 | 3-7 | 0 |
| 3 | 3,27727 | SISMAZ_PP | 76,1065 | 3-7 | 0,46818 |
| 3 | 3,27727 | SISMAZ_PP | 76,1065 | 3-8 | 0 |
| 3 | 3,74545 | SISMAZ_PP | 81,3594 | 3-8 | 0,46818 |
| 3 | 3,74545 | SISMAZ_PP | 81,3594 | 3-9 | 0 |
| 3 | 4,21364 | SISMAZ_PP | 87,0343 | 3-9 | 0,46818 |
| 3 | 4,21364 | SISMAZ_PP | 87,0343 | 3-10 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 3 | 4,68182 | SISMAZ_PP | 93,1467 | 3-10 | 0,46818 |
| 3 | 4,68182 | SISMAZ_PP | 93,1467 | 3-11 | 0 |
| 3 | 5,15 | SISMAZ_PP | 99,7113 | 3-11 | 0,46818 |
| 3 | 0 | SISMAX_LM71_S X | -11,7435 | 3-1 | 0 |
| 3 | 0,46818 | SISMAX_LM71_S X | -14,4344 | 3-1 | 0,46818 |
| 3 | 0,46818 | SISMAX_LM71_S X | -14,4344 | 3-2 | 0 |
| 3 | 0,93636 | SISMAX_LM71_S X | -17,3604 | 3-2 | 0,46818 |
| 3 | 0,93636 | SISMAX_LM71_S X | -17,3604 | 3-3 | 0 |
| 3 | 1,40455 | SISMAX_LM71_S X | -20,5101 | 3-3 | 0,46818 |
| 3 | 1,40455 | SISMAX_LM71_S X | -20,5101 | 3-4 | 0 |
| 3 | 1,87273 | SISMAX_LM71_S X | -23,8714 | 3-4 | 0,46818 |
| 3 | 1,87273 | SISMAX_LM71_S X | -23,8714 | 3-5 | 0 |
| 3 | 2,34091 | SISMAX_LM71_S X | -27,4326 | 3-5 | 0,46818 |
| 3 | 2,34091 | SISMAX_LM71_S X | -27,4326 | 3-6 | 0 |
| 3 | 2,80909 | SISMAX_LM71_S X | -31,1815 | 3-6 | 0,46818 |
| 3 | 2,80909 | SISMAX_LM71_S X | -31,1815 | 3-7 | 0 |
| 3 | 3,27727 | SISMAX_LM71_S X | -35,1059 | 3-7 | 0,46818 |
| 3 | 3,27727 | SISMAX_LM71_S X | -35,1059 | 3-8 | 0 |
| 3 | 3,74545 | SISMAX_LM71_S X | -39,1934 | 3-8 | 0,46818 |
| 3 | 3,74545 | SISMAX_LM71_S X | -39,1934 | 3-9 | 0 |
| 3 | 4,21364 | SISMAX_LM71_S X | -43,4313 | 3-9 | 0,46818 |
| 3 | 4,21364 | SISMAX_LM71_S X | -43,4313 | 3-10 | 0 |
| 3 | 4,68182 | SISMAX_LM71_S X | -47,8067 | 3-10 | 0,46818 |
| 3 | 4,68182 | SISMAX_LM71_S X | -47,8067 | 3-11 | 0 |
| 3 | 5,15 | SISMAX_LM71_S X | -52,3063 | 3-11 | 0,46818 |
| 3 | 0 | SISMAX_LM71_D X | -9,6927 | 3-1 | 0 |
| 3 | 0,46818 | SISMAX_LM71_D X | -11,9538 | 3-1 | 0,46818 |
| 3 | 0,46818 | SISMAX_LM71_D X | -11,9538 | 3-2 | 0 |
| 3 | 0,93636 | SISMAX_LM71_D X | -14,4265 | 3-2 | 0,46818 |
| 3 | 0,93636 | SISMAX_LM71_D X | -14,4265 | 3-3 | 0 |
| 3 | 1,40455 | SISMAX_LM71_D X | -17,1037 | 3-3 | 0,46818 |
| 3 | 1,40455 | SISMAX_LM71_D X | -17,1037 | 3-4 | 0 |
| 3 | 1,87273 | SISMAX_LM71_D X | -19,9782 | 3-4 | 0,46818 |
| 3 | 1,87273 | SISMAX_LM71_D X | -19,9782 | 3-5 | 0 |
| 3 | 2,34091 | SISMAX_LM71_D X | -23,0428 | 3-5 | 0,46818 |
| 3 | 2,34091 | SISMAX_LM71_D X | -23,0428 | 3-6 | 0 |
| 3 | 2,80909 | SISMAX_LM71_D X | -26,29 | 3-6 | 0,46818 |
| 3 | 2,80909 | SISMAX_LM71_D X | -26,29 | 3-7 | 0 |
| 3 | 3,27727 | SISMAX_LM71_D X | -29,7125 | 3-7 | 0,46818 |
| 3 | 3,27727 | SISMAX_LM71_D X | -29,7125 | 3-8 | 0 |
| 3 | 3,74545 | SISMAX_LM71_D X | -33,3023 | 3-8 | 0,46818 |
| 3 | 3,74545 | SISMAX_LM71_D X | -33,3023 | 3-9 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 3 | 4,21364 | SISMAX_LM71_D X | -37,0518 | 3-9 | 0,46818 |
| 3 | 4,21364 | SISMAX_LM71_D X | -37,0518 | 3-10 | 0 |
| 3 | 4,68182 | SISMAX_LM71_D X | -40,9527 | 3-10 | 0,46818 |
| 3 | 4,68182 | SISMAX_LM71_D X | -40,9527 | 3-11 | 0 |
| 3 | 5,15 | SISMAX_LM71_D X | -44,9968 | 3-11 | 0,46818 |
| 3 | 0 | SISMAZ_LM71_S X | 6,0116 | 3-1 | 0 |
| 3 | 0,46818 | SISMAZ_LM71_S X | 7,5131 | 3-1 | 0,46818 |
| 3 | 0,46818 | SISMAZ_LM71_S X | 7,5131 | 3-2 | 0 |
| 3 | 0,93636 | SISMAZ_LM71_S X | 9,1888 | 3-2 | 0,46818 |
| 3 | 0,93636 | SISMAZ_LM71_S X | 9,1888 | 3-3 | 0 |
| 3 | 1,40455 | SISMAZ_LM71_S X | 11,0406 | 3-3 | 0,46818 |
| 3 | 1,40455 | SISMAZ_LM71_S X | 11,0406 | 3-4 | 0 |
| 3 | 1,87273 | SISMAZ_LM71_S X | 13,0706 | 3-4 | 0,46818 |
| 3 | 1,87273 | SISMAZ_LM71_S X | 13,0706 | 3-5 | 0 |
| 3 | 2,34091 | SISMAZ_LM71_S X | 15,2804 | 3-5 | 0,46818 |
| 3 | 2,34091 | SISMAZ_LM71_S X | 15,2804 | 3-6 | 0 |
| 3 | 2,80909 | SISMAZ_LM71_S X | 17,6719 | 3-6 | 0,46818 |
| 3 | 2,80909 | SISMAZ_LM71_S X | 17,6719 | 3-7 | 0 |
| 3 | 3,27727 | SISMAZ_LM71_S X | 20,2468 | 3-7 | 0,46818 |
| 3 | 3,27727 | SISMAZ_LM71_S X | 20,2468 | 3-8 | 0 |
| 3 | 3,74545 | SISMAZ_LM71_S X | 23,0066 | 3-8 | 0,46818 |
| 3 | 3,74545 | SISMAZ_LM71_S X | 23,0066 | 3-9 | 0 |
| 3 | 4,21364 | SISMAZ_LM71_S X | 25,9528 | 3-9 | 0,46818 |
| 3 | 4,21364 | SISMAZ_LM71_S X | 25,9528 | 3-10 | 0 |
| 3 | 4,68182 | SISMAZ_LM71_S X | 29,0867 | 3-10 | 0,46818 |
| 3 | 4,68182 | SISMAZ_LM71_S X | 29,0867 | 3-11 | 0 |
| 3 | 5,15 | SISMAZ_LM71_S X | 32,4094 | 3-11 | 0,46818 |
| 3 | 0 | SISMAZ_LM71_D X | 1,8661 | 3-1 | 0 |
| 3 | 0,46818 | SISMAZ_LM71_D X | 2,4062 | 3-1 | 0,46818 |
| 3 | 0,46818 | SISMAZ_LM71_D X | 2,4062 | 3-2 | 0 |
| 3 | 0,93636 | SISMAZ_LM71_D X | 3,0324 | 3-2 | 0,46818 |
| 3 | 0,93636 | SISMAZ_LM71_D X | 3,0324 | 3-3 | 0 |
| 3 | 1,40455 | SISMAZ_LM71_D X | 3,7502 | 3-3 | 0,46818 |
| 3 | 1,40455 | SISMAZ_LM71_D X | 3,7502 | 3-4 | 0 |
| 3 | 1,87273 | SISMAZ_LM71_D X | 4,5648 | 3-4 | 0,46818 |
| 3 | 1,87273 | SISMAZ_LM71_D X | 4,5648 | 3-5 | 0 |
| 3 | 2,34091 | SISMAZ_LM71_D X | 5,4815 | 3-5 | 0,46818 |
| 3 | 2,34091 | SISMAZ_LM71_D X | 5,4815 | 3-6 | 0 |
| 3 | 2,80909 | SISMAZ_LM71_D X | 6,5056 | 3-6 | 0,46818 |
| 3 | 2,80909 | SISMAZ_LM71_D X | 6,5056 | 3-7 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 3 | 3,27727 | SISMAZ_LM71_D X | 7,6425 | 3-7 | 0,46818 |
| 3 | 3,27727 | SISMAZ_LM71_D X | 7,6425 | 3-8 | 0 |
| 3 | 3,74545 | SISMAZ_LM71_D X | 8,8973 | 3-8 | 0,46818 |
| 3 | 3,74545 | SISMAZ_LM71_D X | 8,8973 | 3-9 | 0 |
| 3 | 4,21364 | SISMAZ_LM71_D X | 10,2752 | 3-9 | 0,46818 |
| 3 | 4,21364 | SISMAZ_LM71_D X | 10,2752 | 3-10 | 0 |
| 3 | 4,68182 | SISMAZ_LM71_D X | 11,7813 | 3-10 | 0,46818 |
| 3 | 4,68182 | SISMAZ_LM71_D X | 11,7813 | 3-11 | 0 |
| 3 | 5,15 | SISMAZ_LM71_D X | 13,4208 | 3-11 | 0,46818 |
| 3 | 0 | QP | 45,5381 | 3-1 | 0 |
| 3 | 0,46818 | QP | 62,1505 | 3-1 | 0,46818 |
| 3 | 0,46818 | QP | 62,1505 | 3-2 | 0 |
| 3 | 0,93636 | QP | 81,7351 | 3-2 | 0,46818 |
| 3 | 0,93636 | QP | 81,7351 | 3-3 | 0 |
| 3 | 1,40455 | QP | 104,38 | 3-3 | 0,46818 |
| 3 | 1,40455 | QP | 104,38 | 3-4 | 0 |
| 3 | 1,87273 | QP | 130,1729 | 3-4 | 0,46818 |
| 3 | 1,87273 | QP | 130,1729 | 3-5 | 0 |
| 3 | 2,34091 | QP | 159,2013 | 3-5 | 0,46818 |
| 3 | 2,34091 | QP | 159,2013 | 3-6 | 0 |
| 3 | 2,80909 | QP | 191,5521 | 3-6 | 0,46818 |
| 3 | 2,80909 | QP | 191,5521 | 3-7 | 0 |
| 3 | 3,27727 | QP | 227,3113 | 3-7 | 0,46818 |
| 3 | 3,27727 | QP | 227,3113 | 3-8 | 0 |
| 3 | 3,74545 | QP | 266,5642 | 3-8 | 0,46818 |
| 3 | 3,74545 | QP | 266,5642 | 3-9 | 0 |
| 3 | 4,21364 | QP | 309,3949 | 3-9 | 0,46818 |
| 3 | 4,21364 | QP | 309,3949 | 3-10 | 0 |
| 3 | 4,68182 | QP | 355,8857 | 3-10 | 0,46818 |
| 3 | 4,68182 | QP | 355,8857 | 3-11 | 0 |
| 3 | 5,15 | QP | 406,1174 | 3-11 | 0,46818 |
| 4 | 0 | PP | -142,2837 | 4-1 | 0 |
| 4 | 0,33333 | PP | -146,0603 | 4-1 | 0,33333 |
| 4 | 0,33333 | PP | -146,0603 | 4-2 | 0 |
| 4 | 0,66667 | PP | -149,6068 | 4-2 | 0,33333 |
| 4 | 0,66667 | PP | -149,6068 | 4-3 | 0 |
| 4 | 1 | PP | -152,9177 | 4-3 | 0,33333 |
| 4 | 0 | PPERM | 45,4518 | 4-1 | 0 |
| 4 | 0,33333 | PPERM | 46,5295 | 4-1 | 0,33333 |
| 4 | 0,33333 | PPERM | 46,5295 | 4-2 | 0 |
| 4 | 0,66667 | PPERM | 47,5174 | 4-2 | 0,33333 |
| 4 | 0,66667 | PPERM | 47,5174 | 4-3 | 0 |
| 4 | 1 | PPERM | 48,4168 | 4-3 | 0,33333 |
| 4 | 0 | BALLAST | 502,9492 | 4-1 | 0 |
| 4 | 0,33333 | BALLAST | 541,3398 | 4-1 | 0,33333 |
| 4 | 0,33333 | BALLAST | 541,3398 | 4-2 | 0 |
| 4 | 0,66667 | BALLAST | 576,7534 | 4-2 | 0,33333 |
| 4 | 0,66667 | BALLAST | 576,7534 | 4-3 | 0 |
| 4 | 1 | BALLAST | 609,2102 | 4-3 | 0,33333 |
| 4 | 0 | LM71_SX | 1087,1043 | 4-1 | 0 |
| 4 | 0,33333 | LM71_SX | 1170,3373 | 4-1 | 0,33333 |
| 4 | 0,33333 | LM71_SX | 1170,3373 | 4-2 | 0 |
| 4 | 0,66667 | LM71_SX | 1256,8075 | 4-2 | 0,33333 |
| 4 | 0,66667 | LM71_SX | 1256,8075 | 4-3 | 0 |
| 4 | 1 | LM71_SX | 1346,5222 | 4-3 | 0,33333 |
| 4 | 0 | LM71_DX | 450,173 | 4-1 | 0 |
| 4 | 0,33333 | LM71_DX | 492,1551 | 4-1 | 0,33333 |
| 4 | 0,33333 | LM71_DX | 492,1551 | 4-2 | 0 |
| 4 | 0,66667 | LM71_DX | 536,5496 | 4-2 | 0,33333 |
| 4 | 0,66667 | LM71_DX | 536,5496 | 4-3 | 0 |
| 4 | 1 | LM71_DX | 583,4156 | 4-3 | 0,33333 |
| 4 | 0 | ACC_SX | -422,7403 | 4-1 | 0 |
| 4 | 0,33333 | ACC_SX | -426,6417 | 4-1 | 0,33333 |
| 4 | 0,33333 | ACC_SX | -426,6417 | 4-2 | 0 |
| 4 | 0,66667 | ACC_SX | -429,261 | 4-2 | 0,33333 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 4 | 0,66667 | ACC_SX | -429,261 | 4-3 | 0 |
| 4 | 1 | ACC_SX | -430,6563 | 4-3 | 0,33333 |
| 4 | 0 | ACC_DX | -240,3152 | 4-1 | 0 |
| 4 | 0,33333 | ACC_DX | -253,0221 | 4-1 | 0,33333 |
| 4 | 0,33333 | ACC_DX | -253,0221 | 4-2 | 0 |
| 4 | 0,66667 | ACC_DX | -265,6326 | 4-2 | 0,33333 |
| 4 | 0,66667 | ACC_DX | -265,6326 | 4-3 | 0 |
| 4 | 1 | ACC_DX | -278,1061 | 4-3 | 0,33333 |
| 4 | 0 | SISMAX_PP | -14,7861 | 4-1 | 0 |
| 4 | 0,33333 | SISMAX_PP | -12,5588 | 4-1 | 0,33333 |
| 4 | 0,33333 | SISMAX_PP | -12,5588 | 4-2 | 0 |
| 4 | 0,66667 | SISMAX_PP | -10,7481 | 4-2 | 0,33333 |
| 4 | 0,66667 | SISMAX_PP | -10,7481 | 4-3 | 0 |
| 4 | 1 | SISMAX_PP | -9,3201 | 4-3 | 0,33333 |
| 4 | 0 | SISMAZ_PP | 99,7113 | 4-1 | 0 |
| 4 | 0,33333 | SISMAZ_PP | 104,3116 | 4-1 | 0,33333 |
| 4 | 0,33333 | SISMAZ_PP | 104,3116 | 4-2 | 0 |
| 4 | 0,66667 | SISMAZ_PP | 108,4376 | 4-2 | 0,33333 |
| 4 | 0,66667 | SISMAZ_PP | 108,4376 | 4-3 | 0 |
| 4 | 1 | SISMAZ_PP | 112,0942 | 4-3 | 0,33333 |
| 4 | 0 | SISMAX_LM71_S X | -52,3063 | 4-1 | 0 |
| 4 | 0,33333 | SISMAX_LM71_S X | -55,5774 | 4-1 | 0,33333 |
| 4 | 0,33333 | SISMAX_LM71_S X | -55,5774 | 4-2 | 0 |
| 4 | 0,66667 | SISMAX_LM71_S X | -58,8995 | 4-2 | 0,33333 |
| 4 | 0,66667 | SISMAX_LM71_S X | -58,8995 | 4-3 | 0 |
| 4 | 1 | SISMAX_LM71_S X | -62,2677 | 4-3 | 0,33333 |
| 4 | 0 | SISMAX_LM71_D X | -44,9968 | 4-1 | 0 |
| 4 | 0,33333 | SISMAX_LM71_D X | -47,958 | 4-1 | 0,33333 |
| 4 | 0,33333 | SISMAX_LM71_D X | -47,958 | 4-2 | 0 |
| 4 | 0,66667 | SISMAX_LM71_D X | -50,9842 | 4-2 | 0,33333 |
| 4 | 0,66667 | SISMAX_LM71_D X | -50,9842 | 4-3 | 0 |
| 4 | 1 | SISMAX_LM71_D X | -54,072 | 4-3 | 0,33333 |
| 4 | 0 | SISMAZ_LM71_S X | 32,4094 | 4-1 | 0 |
| 4 | 0,33333 | SISMAZ_LM71_S X | 34,8908 | 4-1 | 0,33333 |
| 4 | 0,33333 | SISMAZ_LM71_S X | 34,8908 | 4-2 | 0 |
| 4 | 0,66667 | SISMAZ_LM71_S X | 37,4687 | 4-2 | 0,33333 |
| 4 | 0,66667 | SISMAZ_LM71_S X | 37,4687 | 4-3 | 0 |
| 4 | 1 | SISMAZ_LM71_S X | 40,1433 | 4-3 | 0,33333 |
| 4 | 0 | SISMAZ_LM71_D X | 13,4208 | 4-1 | 0 |
| 4 | 0,33333 | SISMAZ_LM71_D X | 14,6724 | 4-1 | 0,33333 |
| 4 | 0,33333 | SISMAZ_LM71_D X | 14,6724 | 4-2 | 0 |
| 4 | 0,66667 | SISMAZ_LM71_D X | 15,9959 | 4-2 | 0,33333 |
| 4 | 0,66667 | SISMAZ_LM71_D X | 15,9959 | 4-3 | 0 |
| 4 | 1 | SISMAZ_LM71_D X | 17,3931 | 4-3 | 0,33333 |
| 4 | 0 | QP | 406,1174 | 4-1 | 0 |
| 4 | 0,33333 | QP | 441,8089 | 4-1 | 0,33333 |
| 4 | 0,33333 | QP | 441,8089 | 4-2 | 0 |
| 4 | 0,66667 | QP | 474,664 | 4-2 | 0,33333 |
| 4 | 0,66667 | QP | 474,664 | 4-3 | 0 |
| 4 | 1 | QP | 504,7092 | 4-3 | 0,33333 |
| 5 | 0 | PP | -152,9177 | 5-1 | 0 |
| 5 | 0,47143 | PP | -157,1889 | 5-1 | 0,47143 |
| 5 | 0,47143 | PP | -157,1889 | 5-2 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 5 | 0,94286 | PP | -160,9614 | 5-2 | 0,47143 |
| 5 | 0,94286 | PP | -160,9614 | 5-3 | 0 |
| 5 | 1,41429 | PP | -164,2172 | 5-3 | 0,47143 |
| 5 | 1,41429 | PP | -164,2172 | 5-4 | 0 |
| 5 | 1,88571 | PP | -166,9373 | 5-4 | 0,47143 |
| 5 | 1,88571 | PP | -166,9373 | 5-5 | 0 |
| 5 | 2,35714 | PP | -169,1012 | 5-5 | 0,47143 |
| 5 | 2,35714 | PP | -169,1012 | 5-6 | 0 |
| 5 | 2,82857 | PP | -170,6873 | 5-6 | 0,47143 |
| 5 | 2,82857 | PP | -170,6873 | 5-7 | 0 |
| 5 | 3,3 | PP | -171,6725 | 5-7 | 0,47143 |
| 5 | 0 | PPERM | 48,4168 | 5-1 | 0 |
| 5 | 0,47143 | PPERM | 49,5396 | 5-1 | 0,47143 |
| 5 | 0,47143 | PPERM | 49,5396 | 5-2 | 0 |
| 5 | 0,94286 | PPERM | 50,4903 | 5-2 | 0,47143 |
| 5 | 0,94286 | PPERM | 50,4903 | 5-3 | 0 |
| 5 | 1,41429 | PPERM | 51,2712 | 5-3 | 0,47143 |
| 5 | 1,41429 | PPERM | 51,2712 | 5-4 | 0 |
| 5 | 1,88571 | PPERM | 51,8842 | 5-4 | 0,47143 |
| 5 | 1,88571 | PPERM | 51,8842 | 5-5 | 0 |
| 5 | 2,35714 | PPERM | 52,3308 | 5-5 | 0,47143 |
| 5 | 2,35714 | PPERM | 52,3308 | 5-6 | 0 |
| 5 | 2,82857 | PPERM | 52,6123 | 5-6 | 0,47143 |
| 5 | 2,82857 | PPERM | 52,6123 | 5-7 | 0 |
| 5 | 3,3 | PPERM | 52,7292 | 5-7 | 0,47143 |
| 5 | 0 | BALLAST | 609,2102 | 5-1 | 0 |
| 5 | 0,47143 | BALLAST | 650,0972 | 5-1 | 0,47143 |
| 5 | 0,47143 | BALLAST | 650,0972 | 5-2 | 0 |
| 5 | 0,94286 | BALLAST | 685,1562 | 5-2 | 0,47143 |
| 5 | 0,94286 | BALLAST | 685,1562 | 5-3 | 0 |
| 5 | 1,41429 | BALLAST | 714,43 | 5-3 | 0,47143 |
| 5 | 1,41429 | BALLAST | 714,43 | 5-4 | 0 |
| 5 | 1,88571 | BALLAST | 737,9559 | 5-4 | 0,47143 |
| 5 | 1,88571 | BALLAST | 737,9559 | 5-5 | 0 |
| 5 | 2,35714 | BALLAST | 755,765 | 5-5 | 0,47143 |
| 5 | 2,35714 | BALLAST | 755,765 | 5-6 | 0 |
| 5 | 2,82857 | BALLAST | 767,8822 | 5-6 | 0,47143 |
| 5 | 2,82857 | BALLAST | 767,8822 | 5-7 | 0 |
| 5 | 3,3 | BALLAST | 774,3262 | 5-7 | 0,47143 |
| 5 | 0 | LM71_SX | 1346,5222 | 5-1 | 0 |
| 5 | 0,47143 | LM71_SX | 1458,0799 | 5-1 | 0,47143 |
| 5 | 0,47143 | LM71_SX | 1458,0799 | 5-2 | 0 |
| 5 | 0,94286 | LM71_SX | 1534,3969 | 5-2 | 0,47143 |
| 5 | 0,94286 | LM71_SX | 1534,3969 | 5-3 | 0 |
| 5 | 1,41429 | LM71_SX | 1575,4624 | 5-3 | 0,47143 |
| 5 | 1,41429 | LM71_SX | 1575,4624 | 5-4 | 0 |
| 5 | 1,88571 | LM71_SX | 1581,25 | 5-4 | 0,47143 |
| 5 | 1,88571 | LM71_SX | 1581,25 | 5-5 | 0 |
| 5 | 2,35714 | LM71_SX | 1551,7168 | 5-5 | 0,47143 |
| 5 | 2,35714 | LM71_SX | 1551,7168 | 5-6 | 0 |
| 5 | 2,82857 | LM71_SX | 1486,8035 | 5-6 | 0,47143 |
| 5 | 2,82857 | LM71_SX | 1486,8035 | 5-7 | 0 |
| 5 | 3,3 | LM71_SX | 1386,4348 | 5-7 | 0,47143 |
| 5 | 0 | LM71_DX | 583,4156 | 5-1 | 0 |
| 5 | 0,47143 | LM71_DX | 654,0167 | 5-1 | 0,47143 |
| 5 | 0,47143 | LM71_DX | 654,0167 | 5-2 | 0 |
| 5 | 0,94286 | LM71_DX | 729,8398 | 5-2 | 0,47143 |
| 5 | 0,94286 | LM71_DX | 729,8398 | 5-3 | 0 |
| 5 | 1,41429 | LM71_DX | 811,0426 | 5-3 | 0,47143 |
| 5 | 1,41429 | LM71_DX | 811,0426 | 5-4 | 0 |
| 5 | 1,88571 | LM71_DX | 897,778 | 5-4 | 0,47143 |
| 5 | 1,88571 | LM71_DX | 897,778 | 5-5 | 0 |
| 5 | 2,35714 | LM71_DX | 990,1937 | 5-5 | 0,47143 |
| 5 | 2,35714 | LM71_DX | 990,1937 | 5-6 | 0 |
| 5 | 2,82857 | LM71_DX | 1088,4313 | 5-6 | 0,47143 |
| 5 | 2,82857 | LM71_DX | 1088,4313 | 5-7 | 0 |
| 5 | 3,3 | LM71_DX | 1192,6261 | 5-7 | 0,47143 |
| 5 | 0 | ACC_SX | -430,6563 | 5-1 | 0 |
| 5 | 0,47143 | ACC_SX | -430,6373 | 5-1 | 0,47143 |
| 5 | 0,47143 | ACC_SX | -430,6373 | 5-2 | 0 |
| 5 | 0,94286 | ACC_SX | -428,4425 | 5-2 | 0,47143 |
| 5 | 0,94286 | ACC_SX | -428,4425 | 5-3 | 0 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 5 | 1,41429 | ACC_SX | -424,2268 | 5-3 | 0,47143 |
| 5 | 1,41429 | ACC_SX | -424,2268 | 5-4 | 0 |
| 5 | 1,88571 | ACC_SX | -418,1419 | 5-4 | 0,47143 |
| 5 | 1,88571 | ACC_SX | -418,1419 | 5-5 | 0 |
| 5 | 2,35714 | ACC_SX | -410,3357 | 5-5 | 0,47143 |
| 5 | 2,35714 | ACC_SX | -410,3357 | 5-6 | 0 |
| 5 | 2,82857 | ACC_SX | -400,9533 | 5-6 | 0,47143 |
| 5 | 2,82857 | ACC_SX | -400,9533 | 5-7 | 0 |
| 5 | 3,3 | ACC_SX | -390,1359 | 5-7 | 0,47143 |
| 5 | 0 | ACC_DX | -278,1061 | 5-1 | 0 |
| 5 | 0,47143 | ACC_DX | -295,4425 | 5-1 | 0,47143 |
| 5 | 0,47143 | ACC_DX | -295,4425 | 5-2 | 0 |
| 5 | 0,94286 | ACC_DX | -312,3035 | 5-2 | 0,47143 |
| 5 | 0,94286 | ACC_DX | -312,3035 | 5-3 | 0 |
| 5 | 1,41429 | ACC_DX | -328,5684 | 5-3 | 0,47143 |
| 5 | 1,41429 | ACC_DX | -328,5684 | 5-4 | 0 |
| 5 | 1,88571 | ACC_DX | -344,114 | 5-4 | 0,47143 |
| 5 | 1,88571 | ACC_DX | -344,114 | 5-5 | 0 |
| 5 | 2,35714 | ACC_DX | -358,8145 | 5-5 | 0,47143 |
| 5 | 2,35714 | ACC_DX | -358,8145 | 5-6 | 0 |
| 5 | 2,82857 | ACC_DX | -372,5417 | 5-6 | 0,47143 |
| 5 | 2,82857 | ACC_DX | -372,5417 | 5-7 | 0 |
| 5 | 3,3 | ACC_DX | -385,1643 | 5-7 | 0,47143 |
| 5 | 0 | SISMAX_PP | -9,3201 | 5-1 | 0 |
| 5 | 0,47143 | SISMAX_PP | -7,8961 | 5-1 | 0,47143 |
| 5 | 0,47143 | SISMAX_PP | -7,8961 | 5-2 | 0 |
| 5 | 0,94286 | SISMAX_PP | -7,074 | 5-2 | 0,47143 |
| 5 | 0,94286 | SISMAX_PP | -7,074 | 5-3 | 0 |
| 5 | 1,41429 | SISMAX_PP | -6,7579 | 5-3 | 0,47143 |
| 5 | 1,41429 | SISMAX_PP | -6,7579 | 5-4 | 0 |
| 5 | 1,88571 | SISMAX_PP | -6,8519 | 5-4 | 0,47143 |
| 5 | 1,88571 | SISMAX_PP | -6,8519 | 5-5 | 0 |
| 5 | 2,35714 | SISMAX_PP | -7,2602 | 5-5 | 0,47143 |
| 5 | 2,35714 | SISMAX_PP | -7,2602 | 5-6 | 0 |
| 5 | 2,82857 | SISMAX_PP | -7,887 | 5-6 | 0,47143 |
| 5 | 2,82857 | SISMAX_PP | -7,887 | 5-7 | 0 |
| 5 | 3,3 | SISMAX_PP | -8,6363 | 5-7 | 0,47143 |
| 5 | 0 | SISMAZ_PP | 112,0942 | 5-1 | 0 |
| 5 | 0,47143 | SISMAZ_PP | 116,4715 | 5-1 | 0,47143 |
| 5 | 0,47143 | SISMAZ_PP | 116,4715 | 5-2 | 0 |
| 5 | 0,94286 | SISMAZ_PP | 119,9303 | 5-2 | 0,47143 |
| 5 | 0,94286 | SISMAZ_PP | 119,9303 | 5-3 | 0 |
| 5 | 1,41429 | SISMAZ_PP | 122,4813 | 5-3 | 0,47143 |
| 5 | 1,41429 | SISMAZ_PP | 122,4813 | 5-4 | 0 |
| 5 | 1,88571 | SISMAZ_PP | 124,1342 | 5-4 | 0,47143 |
| 5 | 1,88571 | SISMAZ_PP | 124,1342 | 5-5 | 0 |
| 5 | 2,35714 | SISMAZ_PP | 124,8979 | 5-5 | 0,47143 |
| 5 | 2,35714 | SISMAZ_PP | 124,8979 | 5-6 | 0 |
| 5 | 2,82857 | SISMAZ_PP | 124,7799 | 5-6 | 0,47143 |
| 5 | 2,82857 | SISMAZ_PP | 124,7799 | 5-7 | 0 |
| 5 | 3,3 | SISMAZ_PP | 123,787 | 5-7 | 0,47143 |
| 5 | 0 | SISMAX_LM71_S X | -62,2677 | 5-1 | 0 |
| 5 | 0,47143 | SISMAX_LM71_S X | -40,3237 | 5-1 | 0,47143 |
| 5 | 0,47143 | SISMAX_LM71_S X | -40,3237 | 5-2 | 0 |
| 5 | 0,94286 | SISMAX_LM71_S X | -18,4462 | 5-2 | 0,47143 |
| 5 | 0,94286 | SISMAX_LM71_S X | -18,4462 | 5-3 | 0 |
| 5 | 1,41429 | SISMAX_LM71_S X | 3,3802 | 5-3 | 0,47143 |
| 5 | 1,41429 | SISMAX_LM71_S X | 3,3802 | 5-4 | 0 |
| 5 | 1,88571 | SISMAX_LM71_S X | 25,1711 | 5-4 | 0,47143 |
| 5 | 1,88571 | SISMAX_LM71_S X | 25,1711 | 5-5 | 0 |
| 5 | 2,35714 | SISMAX_LM71_S X | 46,9419 | 5-5 | 0,47143 |
| 5 | 2,35714 | SISMAX_LM71_S X | 46,9419 | 5-6 | 0 |
| 5 | 2,82857 | SISMAX_LM71_S X | 68,7078 | 5-6 | 0,47143 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 5 | 2,82857 | SISMAX_LM71_S X | 68,7078 | 5-7 | 0 |
| 5 | 3,3 | SISMAX_LM71_S X | 90,484 | 5-7 | 0,47143 |
| 5 | 0 | SISMAX_LM71_D X | -54,072 | 5-1 | 0 |
| 5 | 0,47143 | SISMAX_LM71_D X | -58,5387 | 5-1 | 0,47143 |
| 5 | 0,47143 | SISMAX_LM71_D X | -58,5387 | 5-2 | 0 |
| 5 | 0,94286 | SISMAX_LM71_D X | -63,1119 | 5-2 | 0,47143 |
| 5 | 0,94286 | SISMAX_LM71_D X | -63,1119 | 5-3 | 0 |
| 5 | 1,41429 | SISMAX_LM71_D X | -67,7816 | 5-3 | 0,47143 |
| 5 | 1,41429 | SISMAX_LM71_D X | -67,7816 | 5-4 | 0 |
| 5 | 1,88571 | SISMAX_LM71_D X | -72,5368 | 5-4 | 0,47143 |
| 5 | 1,88571 | SISMAX_LM71_D X | -72,5368 | 5-5 | 0 |
| 5 | 2,35714 | SISMAX_LM71_D X | -77,3663 | 5-5 | 0,47143 |
| 5 | 2,35714 | SISMAX_LM71_D X | -77,3663 | 5-6 | 0 |
| 5 | 2,82857 | SISMAX_LM71_D X | -82,2583 | 5-6 | 0,47143 |
| 5 | 2,82857 | SISMAX_LM71_D X | -82,2583 | 5-7 | 0 |
| 5 | 3,3 | SISMAX_LM71_D X | -87,2005 | 5-7 | 0,47143 |
| 5 | 0 | SISMAZ_LM71_S X | 40,1433 | 5-1 | 0 |
| 5 | 0,47143 | SISMAZ_LM71_S X | 43,4692 | 5-1 | 0,47143 |
| 5 | 0,47143 | SISMAZ_LM71_S X | 43,4692 | 5-2 | 0 |
| 5 | 0,94286 | SISMAZ_LM71_S X | 45,7444 | 5-2 | 0,47143 |
| 5 | 0,94286 | SISMAZ_LM71_S X | 45,7444 | 5-3 | 0 |
| 5 | 1,41429 | SISMAZ_LM71_S X | 46,9686 | 5-3 | 0,47143 |
| 5 | 1,41429 | SISMAZ_LM71_S X | 46,9686 | 5-4 | 0 |
| 5 | 1,88571 | SISMAZ_LM71_S X | 47,1412 | 5-4 | 0,47143 |
| 5 | 1,88571 | SISMAZ_LM71_S X | 47,1412 | 5-5 | 0 |
| 5 | 2,35714 | SISMAZ_LM71_S X | 46,2607 | 5-5 | 0,47143 |
| 5 | 2,35714 | SISMAZ_LM71_S X | 46,2607 | 5-6 | 0 |
| 5 | 2,82857 | SISMAZ_LM71_S X | 44,3255 | 5-6 | 0,47143 |
| 5 | 2,82857 | SISMAZ_LM71_S X | 44,3255 | 5-7 | 0 |
| 5 | 3,3 | SISMAZ_LM71_S X | 41,3332 | 5-7 | 0,47143 |
| 5 | 0 | SISMAZ_LM71_D X | 17,3931 | 5-1 | 0 |
| 5 | 0,47143 | SISMAZ_LM71_D X | 19,4979 | 5-1 | 0,47143 |
| 5 | 0,47143 | SISMAZ_LM71_D X | 19,4979 | 5-2 | 0 |
| 5 | 0,94286 | SISMAZ_LM71_D X | 21,7584 | 5-2 | 0,47143 |
| 5 | 0,94286 | SISMAZ_LM71_D X | 21,7584 | 5-3 | 0 |
| 5 | 1,41429 | SISMAZ_LM71_D X | 24,1793 | 5-3 | 0,47143 |
| 5 | 1,41429 | SISMAZ_LM71_D X | 24,1793 | 5-4 | 0 |
| 5 | 1,88571 | SISMAZ_LM71_D X | 26,7651 | 5-4 | 0,47143 |
| 5 | 1,88571 | SISMAZ_LM71_D X | 26,7651 | 5-5 | 0 |
| 5 | 2,35714 | SISMAZ_LM71_D X | 29,5203 | 5-5 | 0,47143 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 5 | 2,35714 | SISMAZ_LM71_D X | 29,5203 | 5-6 | 0 |
| 5 | 2,82857 | SISMAZ_LM71_D X | 32,449 | 5-6 | 0,47143 |
| 5 | 2,82857 | SISMAZ_LM71_D X | 32,449 | 5-7 | 0 |
| 5 | 3,3 | SISMAZ_LM71_D X | 35,5553 | 5-7 | 0,47143 |
| 5 | 0 | QP | 504,7092 | 5-1 | 0 |
| 5 | 0,47143 | QP | 542,4479 | 5-1 | 0,47143 |
| 5 | 0,47143 | QP | 542,4479 | 5-2 | 0 |
| 5 | 0,94286 | QP | 574,6851 | 5-2 | 0,47143 |
| 5 | 0,94286 | QP | 574,6851 | 5-3 | 0 |
| 5 | 1,41429 | QP | 601,4839 | 5-3 | 0,47143 |
| 5 | 1,41429 | QP | 601,4839 | 5-4 | 0 |
| 5 | 1,88571 | QP | 622,9027 | 5-4 | 0,47143 |
| 5 | 1,88571 | QP | 622,9027 | 5-5 | 0 |
| 5 | 2,35714 | QP | 638,9946 | 5-5 | 0,47143 |
| 5 | 2,35714 | QP | 638,9946 | 5-6 | 0 |
| 5 | 2,82857 | QP | 649,8072 | 5-6 | 0,47143 |
| 5 | 2,82857 | QP | 649,8072 | 5-7 | 0 |
| 5 | 3,3 | QP | 655,3829 | 5-7 | 0,47143 |
| 6 | 0 | PP | -171,6725 | 6-1 | 0 |
| 6 | 0,35 | PP | -171,9995 | 6-1 | 0,35 |
| 6 | 0 | PPERM | 52,7292 | 6-1 | 0 |
| 6 | 0,35 | PPERM | 52,7098 | 6-1 | 0,35 |
| 6 | 0 | BALLAST | 774,3262 | 6-1 | 0 |
| 6 | 0,35 | BALLAST | 775,4487 | 6-1 | 0,35 |
| 6 | 0 | LM71_SX | 1386,4348 | 6-1 | 0 |
| 6 | 0,35 | LM71_SX | 1300,4321 | 6-1 | 0,35 |
| 6 | 0 | LM71_DX | 1192,6261 | 6-1 | 0 |
| 6 | 0,35 | LM71_DX | 1273,9186 | 6-1 | 0,35 |
| 6 | 0 | ACC_SX | -390,1359 | 6-1 | 0 |
| 6 | 0,35 | ACC_SX | -381,2664 | 6-1 | 0,35 |
| 6 | 0 | ACC_DX | -385,1643 | 6-1 | 0 |
| 6 | 0,35 | ACC_DX | -393,7344 | 6-1 | 0,35 |
| 6 | 0 | SISMAX_PP | -8,6363 | 6-1 | 0 |
| 6 | 0,35 | SISMAX_PP | -9,2098 | 6-1 | 0,35 |
| 6 | 0 | SISMAZ_PP | 123,787 | 6-1 | 0 |
| 6 | 0,35 | SISMAZ_PP | 122,4874 | 6-1 | 0,35 |
| 6 | 0 | SISMAX_LM71_S X | 90,484 | 6-1 | 0 |
| 6 | 0,35 | SISMAX_LM71_S X | 86,787 | 6-1 | 0,35 |
| 6 | 0 | SISMAX_LM71_D X | -87,2005 | 6-1 | 0 |
| 6 | 0,35 | SISMAX_LM71_D X | -90,8937 | 6-1 | 0,35 |
| 6 | 0 | SISMAZ_LM71_S X | 41,3332 | 6-1 | 0 |
| 6 | 0,35 | SISMAZ_LM71_S X | 38,7693 | 6-1 | 0,35 |
| 6 | 0 | SISMAZ_LM71_D X | 35,5553 | 6-1 | 0 |
| 6 | 0,35 | SISMAZ_LM71_D X | 37,9788 | 6-1 | 0,35 |
| 6 | 0 | QP | 655,3829 | 6-1 | 0 |
| 6 | 0,35 | QP | 656,159 | 6-1 | 0,35 |
| 7 | 0 | PP | -171,9995 | 7-1 | 0 |
| 7 | 0,35 | PP | -171,9715 | 7-1 | 0,35 |
| 7 | 0 | PPERM | 52,7098 | 7-1 | 0 |
| 7 | 0,35 | PPERM | 52,5999 | 7-1 | 0,35 |
| 7 | 0 | BALLAST | 775,4487 | 7-1 | 0 |
| 7 | 0,35 | BALLAST | 773,4534 | 7-1 | 0,35 |
| 7 | 0 | LM71_SX | 1300,4321 | 7-1 | 0 |
| 7 | 0,35 | LM71_SX | 1217,8051 | 7-1 | 0,35 |
| 7 | 0 | LM71_DX | 1273,9186 | 7-1 | 0 |
| 7 | 0,35 | LM71_DX | 1358,6145 | 7-1 | 0,35 |
| 7 | 0 | ACC_SX | -381,2664 | 7-1 | 0 |
| 7 | 0,35 | ACC_SX | -371,7378 | 7-1 | 0,35 |
| 7 | 0 | ACC_DX | -393,7344 | 7-1 | 0 |
| 7 | 0,35 | ACC_DX | -401,5659 | 7-1 | 0,35 |
| 7 | 0 | SISMAX_PP | -9,2098 | 7-1 | 0 |
| 7 | 0,35 | SISMAX_PP | -9,7588 | 7-1 | 0,35 |
| 7 | 0 | SISMAZ_PP | 122,4874 | 7-1 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 7 | 0,35 | SISMAZ_PP | 120,7107 | 7-1 | 0,35 |
| 7 | 0 | SISMAX_LM71_S X | 86,787 | 7-1 | 0 |
| 7 | 0,35 | SISMAX_LM71_S X | 83,1093 | 7-1 | 0,35 |
| 7 | 0 | SISMAX_LM71_D X | -90,8937 | 7-1 | 0 |
| 7 | 0,35 | SISMAX_LM71_D X | -94,6018 | 7-1 | 0,35 |
| 7 | 0 | SISMAZ_LM71_S X | 38,7693 | 7-1 | 0 |
| 7 | 0,35 | SISMAZ_LM71_S X | 36,3059 | 7-1 | 0,35 |
| 7 | 0 | SISMAZ_LM71_D X | 37,9788 | 7-1 | 0 |
| 7 | 0,35 | SISMAZ_LM71_D X | 40,5038 | 7-1 | 0,35 |
| 7 | 0 | QP | 656,159 | 7-1 | 0 |
| 7 | 0,35 | QP | 654,0818 | 7-1 | 0,35 |
| 8 | 0 | PP | -171,9715 | 8-1 | 0 |
| 8 | 0,47143 | PP | -171,3553 | 8-1 | 0,47143 |
| 8 | 0,47143 | PP | -171,3553 | 8-2 | 0 |
| 8 | 0,94286 | PP | -170,0475 | 8-2 | 0,47143 |
| 8 | 0,94286 | PP | -170,0475 | 8-3 | 0 |
| 8 | 1,41429 | PP | -168,019 | 8-3 | 0,47143 |
| 8 | 1,41429 | PP | -168,019 | 8-4 | 0 |
| 8 | 1,88571 | PP | -165,2395 | 8-4 | 0,47143 |
| 8 | 1,88571 | PP | -165,2395 | 8-5 | 0 |
| 8 | 2,35714 | PP | -161,6771 | 8-5 | 0,47143 |
| 8 | 2,35714 | PP | -161,6771 | 8-6 | 0 |
| 8 | 2,82857 | PP | -157,2989 | 8-6 | 0,47143 |
| 8 | 2,82857 | PP | -157,2989 | 8-7 | 0 |
| 8 | 3,3 | PP | -152,0704 | 8-7 | 0,47143 |
| 8 | 0 | PPERM | 52,5999 | 8-1 | 0 |
| 8 | 0,47143 | PPERM | 52,3085 | 8-1 | 0,47143 |
| 8 | 0,47143 | PPERM | 52,3085 | 8-2 | 0 |
| 8 | 0,94286 | PPERM | 51,8518 | 8-2 | 0,47143 |
| 8 | 0,94286 | PPERM | 51,8518 | 8-3 | 0 |
| 8 | 1,41429 | PPERM | 51,2287 | 8-3 | 0,47143 |
| 8 | 1,41429 | PPERM | 51,2287 | 8-4 | 0 |
| 8 | 1,88571 | PPERM | 50,4376 | 8-4 | 0,47143 |
| 8 | 1,88571 | PPERM | 50,4376 | 8-5 | 0 |
| 8 | 2,35714 | PPERM | 49,4766 | 8-5 | 0,47143 |
| 8 | 2,35714 | PPERM | 49,4766 | 8-6 | 0 |
| 8 | 2,82857 | PPERM | 48,3433 | 8-6 | 0,47143 |
| 8 | 2,82857 | PPERM | 48,3433 | 8-7 | 0 |
| 8 | 3,3 | PPERM | 47,035 | 8-7 | 0,47143 |
| 8 | 0 | BALLAST | 773,4534 | 8-1 | 0 |
| 8 | 0,47143 | BALLAST | 765,839 | 8-1 | 0,47143 |
| 8 | 0,47143 | BALLAST | 765,839 | 8-2 | 0 |
| 8 | 0,94286 | BALLAST | 752,5656 | 8-2 | 0,47143 |
| 8 | 0,94286 | BALLAST | 752,5656 | 8-3 | 0 |
| 8 | 1,41429 | BALLAST | 733,6227 | 8-3 | 0,47143 |
| 8 | 1,41429 | BALLAST | 733,6227 | 8-4 | 0 |
| 8 | 1,88571 | BALLAST | 708,9935 | 8-4 | 0,47143 |
| 8 | 1,88571 | BALLAST | 708,9935 | 8-5 | 0 |
| 8 | 2,35714 | BALLAST | 678,6552 | 8-5 | 0,47143 |
| 8 | 2,35714 | BALLAST | 678,6552 | 8-6 | 0 |
| 8 | 2,82857 | BALLAST | 642,5789 | 8-6 | 0,47143 |
| 8 | 2,82857 | BALLAST | 642,5789 | 8-7 | 0 |
| 8 | 3,3 | BALLAST | 600,7298 | 8-7 | 0,47143 |
| 8 | 0 | LM71_SX | 1217,8051 | 8-1 | 0 |
| 8 | 0,47143 | LM71_SX | 1111,777 | 8-1 | 0,47143 |
| 8 | 0,47143 | LM71_SX | 1111,777 | 8-2 | 0 |
| 8 | 0,94286 | LM71_SX | 1011,6767 | 8-2 | 0,47143 |
| 8 | 0,94286 | LM71_SX | 1011,6767 | 8-3 | 0 |
| 8 | 1,41429 | LM71_SX | 917,3811 | 8-3 | 0,47143 |
| 8 | 1,41429 | LM71_SX | 917,3811 | 8-4 | 0 |
| 8 | 1,88571 | LM71_SX | 828,7603 | 8-4 | 0,47143 |
| 8 | 1,88571 | LM71_SX | 828,7603 | 8-5 | 0 |
| 8 | 2,35714 | LM71_SX | 745,6782 | 8-5 | 0,47143 |
| 8 | 2,35714 | LM71_SX | 745,6782 | 8-6 | 0 |
| 8 | 2,82857 | LM71_SX | 667,9933 | 8-6 | 0,47143 |
| 8 | 2,82857 | LM71_SX | 667,9933 | 8-7 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 8 | 3,3 | LM71_SX | 595,5593 | 8-7 | 0,47143 |
| 8 | 0 | LM71_DX | 1358,6145 | 8-1 | 0 |
| 8 | 0,47143 | LM71_DX | 1457,275 | 8-1 | 0,47143 |
| 8 | 0,47143 | LM71_DX | 1457,275 | 8-2 | 0 |
| 8 | 0,94286 | LM71_DX | 1520,5522 | 8-2 | 0,47143 |
| 8 | 0,94286 | LM71_DX | 1520,5522 | 8-3 | 0 |
| 8 | 1,41429 | LM71_DX | 1548,5343 | 8-3 | 0,47143 |
| 8 | 1,41429 | LM71_DX | 1548,5343 | 8-4 | 0 |
| 8 | 1,88571 | LM71_DX | 1541,2936 | 8-4 | 0,47143 |
| 8 | 1,88571 | LM71_DX | 1541,2936 | 8-5 | 0 |
| 8 | 2,35714 | LM71_DX | 1498,8862 | 8-5 | 0,47143 |
| 8 | 2,35714 | LM71_DX | 1498,8862 | 8-6 | 0 |
| 8 | 2,82857 | LM71_DX | 1421,3523 | 8-6 | 0,47143 |
| 8 | 2,82857 | LM71_DX | 1421,3523 | 8-7 | 0 |
| 8 | 3,3 | LM71_DX | 1308,7164 | 8-7 | 0,47143 |
| 8 | 0 | ACC_SX | -371,7378 | 8-1 | 0 |
| 8 | 0,47143 | ACC_SX | -357,948 | 8-1 | 0,47143 |
| 8 | 0,47143 | ACC_SX | -357,948 | 8-2 | 0 |
| 8 | 0,94286 | ACC_SX | -343,1927 | 8-2 | 0,47143 |
| 8 | 0,94286 | ACC_SX | -343,1927 | 8-3 | 0 |
| 8 | 1,41429 | ACC_SX | -327,6 | 8-3 | 0,47143 |
| 8 | 1,41429 | ACC_SX | -327,6 | 8-4 | 0 |
| 8 | 1,88571 | ACC_SX | -311,2956 | 8-4 | 0,47143 |
| 8 | 1,88571 | ACC_SX | -311,2956 | 8-5 | 0 |
| 8 | 2,35714 | ACC_SX | -294,4024 | 8-5 | 0,47143 |
| 8 | 2,35714 | ACC_SX | -294,4024 | 8-6 | 0 |
| 8 | 2,82857 | ACC_SX | -277,041 | 8-6 | 0,47143 |
| 8 | 2,82857 | ACC_SX | -277,041 | 8-7 | 0 |
| 8 | 3,3 | ACC_SX | -259,33 | 8-7 | 0,47143 |
| 8 | 0 | ACC_DX | -401,5659 | 8-1 | 0 |
| 8 | 0,47143 | ACC_DX | -410,857 | 8-1 | 0,47143 |
| 8 | 0,47143 | ACC_DX | -410,857 | 8-2 | 0 |
| 8 | 0,94286 | ACC_DX | -418,5631 | 8-2 | 0,47143 |
| 8 | 0,94286 | ACC_DX | -418,5631 | 8-3 | 0 |
| 8 | 1,41429 | ACC_DX | -424,5391 | 8-3 | 0,47143 |
| 8 | 1,41429 | ACC_DX | -424,5391 | 8-4 | 0 |
| 8 | 1,88571 | ACC_DX | -428,6367 | 8-4 | 0,47143 |
| 8 | 1,88571 | ACC_DX | -428,6367 | 8-5 | 0 |
| 8 | 2,35714 | ACC_DX | -430,7042 | 8-5 | 0,47143 |
| 8 | 2,35714 | ACC_DX | -430,7042 | 8-6 | 0 |
| 8 | 2,82857 | ACC_DX | -430,5865 | 8-6 | 0,47143 |
| 8 | 2,82857 | ACC_DX | -430,5865 | 8-7 | 0 |
| 8 | 3,3 | ACC_DX | -428,1247 | 8-7 | 0,47143 |
| 8 | 0 | SISMAX_PP | -9,7588 | 8-1 | 0 |
| 8 | 0,47143 | SISMAX_PP | -10,3972 | 8-1 | 0,47143 |
| 8 | 0,47143 | SISMAX_PP | -10,3972 | 8-2 | 0 |
| 8 | 0,94286 | SISMAX_PP | -10,8237 | 8-2 | 0,47143 |
| 8 | 0,94286 | SISMAX_PP | -10,8237 | 8-3 | 0 |
| 8 | 1,41429 | SISMAX_PP | -10,9419 | 8-3 | 0,47143 |
| 8 | 1,41429 | SISMAX_PP | -10,9419 | 8-4 | 0 |
| 8 | 1,88571 | SISMAX_PP | -10,6555 | 8-4 | 0,47143 |
| 8 | 1,88571 | SISMAX_PP | -10,6555 | 8-5 | 0 |
| 8 | 2,35714 | SISMAX_PP | -9,8682 | 8-5 | 0,47143 |
| 8 | 2,35714 | SISMAX_PP | -9,8682 | 8-6 | 0 |
| 8 | 2,82857 | SISMAX_PP | -8,4831 | 8-6 | 0,47143 |
| 8 | 2,82857 | SISMAX_PP | -8,4831 | 8-7 | 0 |
| 8 | 3,3 | SISMAX_PP | -6,4037 | 8-7 | 0,47143 |
| 8 | 0 | SISMAZ_PP | 120,7107 | 8-1 | 0 |
| 8 | 0,47143 | SISMAZ_PP | 117,5656 | 8-1 | 0,47143 |
| 8 | 0,47143 | SISMAZ_PP | 117,5656 | 8-2 | 0 |
| 8 | 0,94286 | SISMAZ_PP | 113,5606 | 8-2 | 0,47143 |
| 8 | 0,94286 | SISMAZ_PP | 113,5606 | 8-3 | 0 |
| 8 | 1,41429 | SISMAZ_PP | 108,6978 | 8-3 | 0,47143 |
| 8 | 1,41429 | SISMAZ_PP | 108,6978 | 8-4 | 0 |
| 8 | 1,88571 | SISMAZ_PP | 102,9782 | 8-4 | 0,47143 |
| 8 | 1,88571 | SISMAZ_PP | 102,9782 | 8-5 | 0 |
| 8 | 2,35714 | SISMAZ_PP | 96,4022 | 8-5 | 0,47143 |
| 8 | 2,35714 | SISMAZ_PP | 96,4022 | 8-6 | 0 |
| 8 | 2,82857 | SISMAZ_PP | 88,9689 | 8-6 | 0,47143 |
| 8 | 2,82857 | SISMAZ_PP | 88,9689 | 8-7 | 0 |
| 8 | 3,3 | SISMAZ_PP | 80,6769 | 8-7 | 0,47143 |



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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 8 | 0 | SISMAX_LM71_S X | 83,1093 | 8-1 | 0 |
| 8 | 0,47143 | SISMAX_LM71_S X | 78,1947 | 8-1 | 0,47143 |
| 8 | 0,47143 | SISMAX_LM71_S X | 78,1947 | 8-2 | 0 |
| 8 | 0,94286 | SISMAX_LM71_S X | 73,3379 | 8-2 | 0,47143 |
| 8 | 0,94286 | SISMAX_LM71_S X | 73,3379 | 8-3 | 0 |
| 8 | 1,41429 | SISMAX_LM71_S X | 68,5512 | 8-3 | 0,47143 |
| 8 | 1,41429 | SISMAX_LM71_S X | 68,5512 | 8-4 | 0 |
| 8 | 1,88571 | SISMAX_LM71_S X | 63,8463 | 8-4 | 0,47143 |
| 8 | 1,88571 | SISMAX_LM71_S X | 63,8463 | 8-5 | 0 |
| 8 | 2,35714 | SISMAX_LM71_S X | 59,2346 | 8-5 | 0,47143 |
| 8 | 2,35714 | SISMAX_LM71_S X | 59,2346 | 8-6 | 0 |
| 8 | 2,82857 | SISMAX_LM71_S X | 54,7268 | 8-6 | 0,47143 |
| 8 | 2,82857 | SISMAX_LM71_S X | 54,7268 | 8-7 | 0 |
| 8 | 3,3 | SISMAX_LM71_S X | 50,3333 | 8-7 | 0,47143 |
| 8 | 0 | SISMAX_LM71_D X | -94,6018 | 8-1 | 0 |
| 8 | 0,47143 | SISMAX_LM71_D X | -72,8339 | 8-1 | 0,47143 |
| 8 | 0,47143 | SISMAX_LM71_D X | -72,8339 | 8-2 | 0 |
| 8 | 0,94286 | SISMAX_LM71_D X | -51,068 | 8-2 | 0,47143 |
| 8 | 0,94286 | SISMAX_LM71_D X | -51,068 | 8-3 | 0 |
| 8 | 1,41429 | SISMAX_LM71_D X | -29,2891 | 8-3 | 0,47143 |
| 8 | 1,41429 | SISMAX_LM71_D X | -29,2891 | 8-4 | 0 |
| 8 | 1,88571 | SISMAX_LM71_D X | -7,4817 | 8-4 | 0,47143 |
| 8 | 1,88571 | SISMAX_LM71_D X | -7,4817 | 8-5 | 0 |
| 8 | 2,35714 | SISMAX_LM71_D X | 14,3701 | 8-5 | 0,47143 |
| 8 | 2,35714 | SISMAX_LM71_D X | 14,3701 | 8-6 | 0 |
| 8 | 2,82857 | SISMAX_LM71_D X | 36,282 | 8-6 | 0,47143 |
| 8 | 2,82857 | SISMAX_LM71_D X | 36,282 | 8-7 | 0 |
| 8 | 3,3 | SISMAX_LM71_D X | 58,2697 | 8-7 | 0,47143 |
| 8 | 0 | SISMAZ_LM71_S X | 36,3059 | 8-1 | 0 |
| 8 | 0,47143 | SISMAZ_LM71_S X | 33,145 | 8-1 | 0,47143 |
| 8 | 0,47143 | SISMAZ_LM71_S X | 33,145 | 8-2 | 0 |
| 8 | 0,94286 | SISMAZ_LM71_S X | 30,1607 | 8-2 | 0,47143 |
| 8 | 0,94286 | SISMAZ_LM71_S X | 30,1607 | 8-3 | 0 |
| 8 | 1,41429 | SISMAZ_LM71_S X | 27,3495 | 8-3 | 0,47143 |
| 8 | 1,41429 | SISMAZ_LM71_S X | 27,3495 | 8-4 | 0 |
| 8 | 1,88571 | SISMAZ_LM71_S X | 24,7075 | 8-4 | 0,47143 |
| 8 | 1,88571 | SISMAZ_LM71_S X | 24,7075 | 8-5 | 0 |
| 8 | 2,35714 | SISMAZ_LM71_S X | 22,2306 | 8-5 | 0,47143 |
| 8 | 2,35714 | SISMAZ_LM71_S X | 22,2306 | 8-6 | 0 |
| 8 | 2,82857 | SISMAZ_LM71_S X | 19,9146 | 8-6 | 0,47143 |



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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 8 | 2,82857 | SISMAZ_LM71_S X | 19,9146 | 8-7 | 0 |
| 8 | 3,3 | SISMAZ_LM71_S X | 17,7552 | 8-7 | 0,47143 |
| 8 | 0 | SISMAZ_LM71_D X | 40,5038 | 8-1 | 0 |
| 8 | 0,47143 | SISMAZ_LM71_D X | 43,4452 | 8-1 | 0,47143 |
| 8 | 0,47143 | SISMAZ_LM71_D X | 43,4452 | 8-2 | 0 |
| 8 | 0,94286 | SISMAZ_LM71_D X | 45,3316 | 8-2 | 0,47143 |
| 8 | 0,94286 | SISMAZ_LM71_D X | 45,3316 | 8-3 | 0 |
| 8 | 1,41429 | SISMAZ_LM71_D X | 46,1658 | 8-3 | 0,47143 |
| 8 | 1,41429 | SISMAZ_LM71_D X | 46,1658 | 8-4 | 0 |
| 8 | 1,88571 | SISMAZ_LM71_D X | 45,95 | 8-4 | 0,47143 |
| 8 | 1,88571 | SISMAZ_LM71_D X | 45,95 | 8-5 | 0 |
| 8 | 2,35714 | SISMAZ_LM71_D X | 44,6857 | 8-5 | 0,47143 |
| 8 | 2,35714 | SISMAZ_LM71_D X | 44,6857 | 8-6 | 0 |
| 8 | 2,82857 | SISMAZ_LM71_D X | 42,3742 | 8-6 | 0,47143 |
| 8 | 2,82857 | SISMAZ_LM71_D X | 42,3742 | 8-7 | 0 |
| 8 | 3,3 | SISMAZ_LM71_D X | 39,0162 | 8-7 | 0,47143 |
| 8 | 0 | QP | 654,0818 | 8-1 | 0 |
| 8 | 0,47143 | QP | 646,7923 | 8-1 | 0,47143 |
| 8 | 0,47143 | QP | 646,7923 | 8-2 | 0 |
| 8 | 0,94286 | QP | 634,3699 | 8-2 | 0,47143 |
| 8 | 0,94286 | QP | 634,3699 | 8-3 | 0 |
| 8 | 1,41429 | QP | 616,8324 | 8-3 | 0,47143 |
| 8 | 1,41429 | QP | 616,8324 | 8-4 | 0 |
| 8 | 1,88571 | QP | 594,1917 | 8-4 | 0,47143 |
| 8 | 1,88571 | QP | 594,1917 | 8-5 | 0 |
| 8 | 2,35714 | QP | 566,4547 | 8-5 | 0,47143 |
| 8 | 2,35714 | QP | 566,4547 | 8-6 | 0 |
| 8 | 2,82857 | QP | 533,6233 | 8-6 | 0,47143 |
| 8 | 2,82857 | QP | 533,6233 | 8-7 | 0 |
| 8 | 3,3 | QP | 495,6943 | 8-7 | 0,47143 |
| 9 | 0 | PP | -152,0704 | 9-1 | 0 |
| 9 | 0,33333 | PP | -147,839 | 9-1 | 0,33333 |
| 9 | 0,33333 | PP | -147,839 | 9-2 | 0 |
| 9 | 0,66667 | PP | -143,1516 | 9-2 | 0,33333 |
| 9 | 0,66667 | PP | -143,1516 | 9-3 | 0 |
| 9 | 1 | PP | -137,9952 | 9-3 | 0,33333 |
| 9 | 0 | PPERM | 47,035 | 9-1 | 0 |
| 9 | 0,33333 | PPERM | 46,0024 | 9-1 | 0,33333 |
| 9 | 0,33333 | PPERM | 46,0024 | 9-2 | 0 |
| 9 | 0,66667 | PPERM | 44,8794 | 9-2 | 0,33333 |
| 9 | 0,66667 | PPERM | 44,8794 | 9-3 | 0 |
| 9 | 1 | PPERM | 43,6649 | 9-3 | 0,33333 |
| 9 | 0 | BALLAST | 600,7298 | 9-1 | 0 |
| 9 | 0,33333 | BALLAST | 567,6313 | 9-1 | 0,33333 |
| 9 | 0,33333 | BALLAST | 567,6313 | 9-2 | 0 |
| 9 | 0,66667 | BALLAST | 531,6108 | 9-2 | 0,33333 |
| 9 | 0,66667 | BALLAST | 531,6108 | 9-3 | 0 |
| 9 | 1 | BALLAST | 492,6513 | 9-3 | 0,33333 |
| 9 | 0 | LM71_SX | 595,5593 | 9-1 | 0 |
| 9 | 0,33333 | LM71_SX | 547,4215 | 9-1 | 0,33333 |
| 9 | 0,33333 | LM71_SX | 547,4215 | 9-2 | 0 |
| 9 | 0,66667 | LM71_SX | 501,7792 | 9-2 | 0,33333 |
| 9 | 0,66667 | LM71_SX | 501,7792 | 9-3 | 0 |
| 9 | 1 | LM71_SX | 458,5773 | 9-3 | 0,33333 |
| 9 | 0 | LM71_DX | 1308,7164 | 9-1 | 0 |
| 9 | 0,33333 | LM71_DX | 1218,3315 | 9-1 | 0,33333 |
| 9 | 0,33333 | LM71_DX | 1218,3315 | 9-2 | 0 |
| 9 | 0,66667 | LM71_DX | 1131,2729 | 9-2 | 0,33333 |
| 9 | 0,66667 | LM71_DX | 1131,2729 | 9-3 | 0 |
| 9 | 1 | LM71_DX | 1047,538 | 9-3 | 0,33333 |

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| Frame | Station | OutputCase | M3 | FrameElem | ElemStation |
|-------|---------|--------------------|-----------|-----------|-------------|
| | m | | KN-m | | m |
| 9 | 0 | ACC_SX | -259,33 | 9-1 | 0 |
| 9 | 0,33333 | ACC_SX | -246,6662 | 9-1 | 0,33333 |
| 9 | 0,33333 | ACC_SX | -246,6662 | 9-2 | 0 |
| 9 | 0,66667 | ACC_SX | -233,9262 | 9-2 | 0,33333 |
| 9 | 0,66667 | ACC_SX | -233,9262 | 9-3 | 0 |
| 9 | 1 | ACC_SX | -221,15 | 9-3 | 0,33333 |
| 9 | 0 | ACC_DX | -428,1247 | 9-1 | 0 |
| 9 | 0,33333 | ACC_DX | -424,8717 | 9-1 | 0,33333 |
| 9 | 0,33333 | ACC_DX | -424,8717 | 9-2 | 0 |
| 9 | 0,66667 | ACC_DX | -420,3073 | 9-2 | 0,33333 |
| 9 | 0,66667 | ACC_DX | -420,3073 | 9-3 | 0 |
| 9 | 1 | ACC_DX | -414,3724 | 9-3 | 0,33333 |
| 9 | 0 | SISMAX_PP | -6,4037 | 9-1 | 0 |
| 9 | 0,33333 | SISMAX_PP | -4,4559 | 9-1 | 0,33333 |
| 9 | 0,33333 | SISMAX_PP | -4,4559 | 9-2 | 0 |
| 9 | 0,66667 | SISMAX_PP | -2,0781 | 9-2 | 0,33333 |
| 9 | 0,66667 | SISMAX_PP | -2,0781 | 9-3 | 0 |
| 9 | 1 | SISMAX_PP | 0,7639 | 9-3 | 0,33333 |
| 9 | 0 | SISMAZ_PP | 80,6769 | 9-1 | 0 |
| 9 | 0,33333 | SISMAZ_PP | 74,2942 | 9-1 | 0,33333 |
| 9 | 0,33333 | SISMAZ_PP | 74,2942 | 9-2 | 0 |
| 9 | 0,66667 | SISMAZ_PP | 67,4801 | 9-2 | 0,33333 |
| 9 | 0,66667 | SISMAZ_PP | 67,4801 | 9-3 | 0 |
| 9 | 1 | SISMAZ_PP | 60,2333 | 9-3 | 0,33333 |
| 9 | 0 | SISMAX_LM71_S X | 50,3333 | 9-1 | 0 |
| 9 | 0,33333 | SISMAX_LM71_S X | 47,3019 | 9-1 | 0,33333 |
| 9 | 0,33333 | SISMAX_LM71_S X | 47,3019 | 9-2 | 0 |
| 9 | 0,66667 | SISMAX_LM71_S X | 44,336 | 9-2 | 0,33333 |
| 9 | 0,66667 | SISMAX_LM71_S X | 44,336 | 9-3 | 0 |
| 9 | 1 | SISMAX_LM71_S X | 41,4391 | 9-3 | 0,33333 |
| 9 | 0 | SISMAX_LM71_D X | 58,2697 | 9-1 | 0 |
| 9 | 0,33333 | SISMAX_LM71_D X | 54,9384 | 9-1 | 0,33333 |
| 9 | 0,33333 | SISMAX_LM71_D X | 54,9384 | 9-2 | 0 |
| 9 | 0,66667 | SISMAX_LM71_D X | 51,658 | 9-2 | 0,33333 |
| 9 | 0,66667 | SISMAX_LM71_D X | 51,658 | 9-3 | 0 |
| 9 | 1 | SISMAX_LM71_D X | 48,4338 | 9-3 | 0,33333 |
| 9 | 0 | SISMAZ_LM71_S X | 17,7552 | 9-1 | 0 |
| 9 | 0,33333 | SISMAZ_LM71_S X | 16,3201 | 9-1 | 0,33333 |
| 9 | 0,33333 | SISMAZ_LM71_S X | 16,3201 | 9-2 | 0 |
| 9 | 0,66667 | SISMAZ_LM71_S X | 14,9593 | 9-2 | 0,33333 |
| 9 | 0,66667 | SISMAZ_LM71_S X | 14,9593 | 9-3 | 0 |
| 9 | 1 | SISMAZ_LM71_S X | 13,6714 | 9-3 | 0,33333 |
| 9 | 0 | SISMAZ_LM71_D X | 39,0162 | 9-1 | 0 |
| 9 | 0,33333 | SISMAZ_LM71_D X | 36,3216 | 9-1 | 0,33333 |
| 9 | 0,33333 | SISMAZ_LM71_D X | 36,3216 | 9-2 | 0 |
| 9 | 0,66667 | SISMAZ_LM71_D X | 33,7262 | 9-2 | 0,33333 |
| 9 | 0,66667 | SISMAZ_LM71_D X | 33,7262 | 9-3 | 0 |
| 9 | 1 | SISMAZ_LM71_D X | 31,2298 | 9-3 | 0,33333 |
| 9 | 0 | QP | 495,6943 | 9-1 | 0 |
| 9 | 0,33333 | QP | 465,7947 | 9-1 | 0,33333 |
| 9 | 0,33333 | QP | 465,7947 | 9-2 | 0 |
| 9 | 0,66667 | QP | 433,3386 | 9-2 | 0,33333 |
| 9 | 0,66667 | QP | 433,3386 | 9-3 | 0 |

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| Frame | Station m | OutputCase | M3 | FrameElem | ElemStation |
|-------|--------------|------------|-----------|-----------|-------------|
| | | | KN-m | | m |
| 9 | 1 | QP | 398,321 | 9-3 | 0,33333 |
| 10 | 0 | PP | -137,9952 | 10-1 | 0 |
| 10 | 0,465 | PP | -129,9957 | 10-1 | 0,465 |
| 10 | 0,465 | PP | -129,9957 | 10-2 | 0 |
| 10 | 0,93 | PP | -121,0192 | 10-2 | 0,465 |
| 10 | 0,93 | PP | -121,0192 | 10-3 | 0 |
| 10 | 1,395 | PP | -111,027 | 10-3 | 0,465 |
| 10 | 1,395 | PP | -111,027 | 10-4 | 0 |
| 10 | 1,86 | PP | -99,9792 | 10-4 | 0,465 |
| 10 | 1,86 | PP | -99,9792 | 10-5 | 0 |
| 10 | 2,325 | PP | -87,8353 | 10-5 | 0,465 |
| 10 | 2,325 | PP | -87,8353 | 10-6 | 0 |
| 10 | 2,79 | PP | -74,5539 | 10-6 | 0,465 |
| 10 | 2,79 | PP | -74,5539 | 10-7 | 0 |
| 10 | 3,255 | PP | -60,0926 | 10-7 | 0,465 |
| 10 | 3,255 | PP | -60,0926 | 10-8 | 0 |
| 10 | 3,72 | PP | -44,4087 | 10-8 | 0,465 |
| 10 | 3,72 | PP | -44,4087 | 10-9 | 0 |
| 10 | 4,185 | PP | -27,4587 | 10-9 | 0,465 |
| 10 | 4,185 | PP | -27,4587 | 10-10 | 0 |
| 10 | 4,65 | PP | -9,1986 | 10-10 | 0,465 |
| 10 | 0 | PPERM | 43,6649 | 10-1 | 0 |
| 10 | 0,465 | PPERM | 41,8153 | 10-1 | 0,465 |
| 10 | 0,465 | PPERM | 41,8153 | 10-2 | 0 |
| 10 | 0,93 | PPERM | 39,7805 | 10-2 | 0,465 |
| 10 | 0,93 | PPERM | 39,7805 | 10-3 | 0 |
| 10 | 1,395 | PPERM | 37,5563 | 10-3 | 0,465 |
| 10 | 1,395 | PPERM | 37,5563 | 10-4 | 0 |
| 10 | 1,86 | PPERM | 35,1378 | 10-4 | 0,465 |
| 10 | 1,86 | PPERM | 35,1378 | 10-5 | 0 |
| 10 | 2,325 | PPERM | 32,5201 | 10-5 | 0,465 |
| 10 | 2,325 | PPERM | 32,5201 | 10-6 | 0 |
| 10 | 2,79 | PPERM | 29,6978 | 10-6 | 0,465 |
| 10 | 2,79 | PPERM | 29,6978 | 10-7 | 0 |
| 10 | 3,255 | PPERM | 26,6656 | 10-7 | 0,465 |
| 10 | 3,255 | PPERM | 26,6656 | 10-8 | 0 |
| 10 | 3,72 | PPERM | 23,4175 | 10-8 | 0,465 |
| 10 | 3,72 | PPERM | 23,4175 | 10-9 | 0 |
| 10 | 4,185 | PPERM | 19,9476 | 10-9 | 0,465 |
| 10 | 4,185 | PPERM | 19,9476 | 10-10 | 0 |
| 10 | 4,65 | PPERM | 16,2497 | 10-10 | 0,465 |
| 10 | 0 | BALLAST | 492,6513 | 10-1 | 0 |
| 10 | 0,465 | BALLAST | 438,033 | 10-1 | 0,465 |
| 10 | 0,465 | BALLAST | 438,033 | 10-2 | 0 |
| 10 | 0,93 | BALLAST | 386,9483 | 10-2 | 0,465 |
| 10 | 0,93 | BALLAST | 386,9483 | 10-3 | 0 |
| 10 | 1,395 | BALLAST | 339,3421 | 10-3 | 0,465 |
| 10 | 1,395 | BALLAST | 339,3421 | 10-4 | 0 |
| 10 | 1,86 | BALLAST | 295,1569 | 10-4 | 0,465 |
| 10 | 1,86 | BALLAST | 295,1569 | 10-5 | 0 |
| 10 | 2,325 | BALLAST | 254,3336 | 10-5 | 0,465 |
| 10 | 2,325 | BALLAST | 254,3336 | 10-6 | 0 |
| 10 | 2,79 | BALLAST | 216,811 | 10-6 | 0,465 |
| 10 | 2,79 | BALLAST | 216,811 | 10-7 | 0 |
| 10 | 3,255 | BALLAST | 182,527 | 10-7 | 0,465 |
| 10 | 3,255 | BALLAST | 182,527 | 10-8 | 0 |
| 10 | 3,72 | BALLAST | 151,4181 | 10-8 | 0,465 |
| 10 | 3,72 | BALLAST | 151,4181 | 10-9 | 0 |
| 10 | 4,185 | BALLAST | 123,42 | 10-9 | 0,465 |
| 10 | 4,185 | BALLAST | 123,42 | 10-10 | 0 |
| 10 | 4,65 | BALLAST | 98,4676 | 10-10 | 0,465 |
| 10 | 0 | LM71_SX | 458,5773 | 10-1 | 0 |
| 10 | 0,465 | LM71_SX | 402,2936 | 10-1 | 0,465 |
| 10 | 0,465 | LM71_SX | 402,2936 | 10-2 | 0 |
| 10 | 0,93 | LM71_SX | 350,4957 | 10-2 | 0,465 |
| 10 | 0,93 | LM71_SX | 350,4957 | 10-3 | 0 |
| 10 | 1,395 | LM71_SX | 303,027 | 10-3 | 0,465 |
| 10 | 1,395 | LM71_SX | 303,027 | 10-4 | 0 |
| 10 | 1,86 | LM71_SX | 259,7291 | 10-4 | 0,465 |
| 10 | 1,86 | LM71_SX | 259,7291 | 10-5 | 0 |
| 10 | 2,325 | LM71_SX | 220,442 | 10-5 | 0,465 |
| 10 | 2,325 | LM71_SX | 220,442 | 10-6 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|------------|------------|-----------|------------------|
| 10 | 2,79 | LM71_SX | 185,0043 | 10-6 | 0,465 |
| 10 | 2,79 | LM71_SX | 185,0043 | 10-7 | 0 |
| 10 | 3,255 | LM71_SX | 153,2538 | 10-7 | 0,465 |
| 10 | 3,255 | LM71_SX | 153,2538 | 10-8 | 0 |
| 10 | 3,72 | LM71_SX | 125,0271 | 10-8 | 0,465 |
| 10 | 3,72 | LM71_SX | 125,0271 | 10-9 | 0 |
| 10 | 4,185 | LM71_SX | 100,1605 | 10-9 | 0,465 |
| 10 | 4,185 | LM71_SX | 100,1605 | 10-10 | 0 |
| 10 | 4,65 | LM71_SX | 78,4896 | 10-10 | 0,465 |
| 10 | 0 | LM71_DX | 1047,538 | 10-1 | 0 |
| 10 | 0,465 | LM71_DX | 936,273 | 10-1 | 0,465 |
| 10 | 0,465 | LM71_DX | 936,273 | 10-2 | 0 |
| 10 | 0,93 | LM71_DX | 831,4505 | 10-2 | 0,465 |
| 10 | 0,93 | LM71_DX | 831,4505 | 10-3 | 0 |
| 10 | 1,395 | LM71_DX | 733,0477 | 10-3 | 0,465 |
| 10 | 1,395 | LM71_DX | 733,0477 | 10-4 | 0 |
| 10 | 1,86 | LM71_DX | 641,0366 | 10-4 | 0,465 |
| 10 | 1,86 | LM71_DX | 641,0366 | 10-5 | 0 |
| 10 | 2,325 | LM71_DX | 555,3848 | 10-5 | 0,465 |
| 10 | 2,325 | LM71_DX | 555,3848 | 10-6 | 0 |
| 10 | 2,79 | LM71_DX | 476,0564 | 10-6 | 0,465 |
| 10 | 2,79 | LM71_DX | 476,0564 | 10-7 | 0 |
| 10 | 3,255 | LM71_DX | 403,0122 | 10-7 | 0,465 |
| 10 | 3,255 | LM71_DX | 403,0122 | 10-8 | 0 |
| 10 | 3,72 | LM71_DX | 336,2105 | 10-8 | 0,465 |
| 10 | 3,72 | LM71_DX | 336,2105 | 10-9 | 0 |
| 10 | 4,185 | LM71_DX | 275,6078 | 10-9 | 0,465 |
| 10 | 4,185 | LM71_DX | 275,6078 | 10-10 | 0 |
| 10 | 4,65 | LM71_DX | 221,1586 | 10-10 | 0,465 |
| 10 | 0 | ACC_SX | -221,15 | 10-1 | 0 |
| 10 | 0,465 | ACC_SX | -203,3332 | 10-1 | 0,465 |
| 10 | 0,465 | ACC_SX | -203,3332 | 10-2 | 0 |
| 10 | 0,93 | ACC_SX | -185,6294 | 10-2 | 0,465 |
| 10 | 0,93 | ACC_SX | -185,6294 | 10-3 | 0 |
| 10 | 1,395 | ACC_SX | -168,1434 | 10-3 | 0,465 |
| 10 | 1,395 | ACC_SX | -168,1434 | 10-4 | 0 |
| 10 | 1,86 | ACC_SX | -150,9789 | 10-4 | 0,465 |
| 10 | 1,86 | ACC_SX | -150,9789 | 10-5 | 0 |
| 10 | 2,325 | ACC_SX | -134,2382 | 10-5 | 0,465 |
| 10 | 2,325 | ACC_SX | -134,2382 | 10-6 | 0 |
| 10 | 2,79 | ACC_SX | -118,0227 | 10-6 | 0,465 |
| 10 | 2,79 | ACC_SX | -118,0227 | 10-7 | 0 |
| 10 | 3,255 | ACC_SX | -102,433 | 10-7 | 0,465 |
| 10 | 3,255 | ACC_SX | -102,433 | 10-8 | 0 |
| 10 | 3,72 | ACC_SX | -87,5687 | 10-8 | 0,465 |
| 10 | 3,72 | ACC_SX | -87,5687 | 10-9 | 0 |
| 10 | 4,185 | ACC_SX | -73,5292 | 10-9 | 0,465 |
| 10 | 4,185 | ACC_SX | -73,5292 | 10-10 | 0 |
| 10 | 4,65 | ACC_SX | -60,4129 | 10-10 | 0,465 |
| 10 | 0 | ACC_DX | -414,3724 | 10-1 | 0 |
| 10 | 0,465 | ACC_DX | -403,7033 | 10-1 | 0,465 |
| 10 | 0,465 | ACC_DX | -403,7033 | 10-2 | 0 |
| 10 | 0,93 | ACC_DX | -390,0841 | 10-2 | 0,465 |
| 10 | 0,93 | ACC_DX | -390,0841 | 10-3 | 0 |
| 10 | 1,395 | ACC_DX | -373,3456 | 10-3 | 0,465 |
| 10 | 1,395 | ACC_DX | -373,3456 | 10-4 | 0 |
| 10 | 1,86 | ACC_DX | -353,3155 | 10-4 | 0,465 |
| 10 | 1,86 | ACC_DX | -353,3155 | 10-5 | 0 |
| 10 | 2,325 | ACC_DX | -329,8183 | 10-5 | 0,465 |
| 10 | 2,325 | ACC_DX | -329,8183 | 10-6 | 0 |
| 10 | 2,79 | ACC_DX | -302,6758 | 10-6 | 0,465 |
| 10 | 2,79 | ACC_DX | -302,6758 | 10-7 | 0 |
| 10 | 3,255 | ACC_DX | -271,7069 | 10-7 | 0,465 |
| 10 | 3,255 | ACC_DX | -271,7069 | 10-8 | 0 |
| 10 | 3,72 | ACC_DX | -236,728 | 10-8 | 0,465 |
| 10 | 3,72 | ACC_DX | -236,728 | 10-9 | 0 |
| 10 | 4,185 | ACC_DX | -197,5529 | 10-9 | 0,465 |
| 10 | 4,185 | ACC_DX | -197,5529 | 10-10 | 0 |
| 10 | 4,65 | ACC_DX | -153,9933 | 10-10 | 0,465 |
| 10 | 0 | SISMAX_PP | 0,7639 | 10-1 | 0 |
| 10 | 0,465 | SISMAX_PP | -12,8803 | 10-1 | 0,465 |
| 10 | 0,465 | SISMAX_PP | -12,8803 | 10-2 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 10 | 0,93 | SISMAX_PP | -25,4608 | 10-2 | 0,465 |
| 10 | 0,93 | SISMAX_PP | -25,4608 | 10-3 | 0 |
| 10 | 1,395 | SISMAX_PP | -36,8838 | 10-3 | 0,465 |
| 10 | 1,395 | SISMAX_PP | -36,8838 | 10-4 | 0 |
| 10 | 1,86 | SISMAX_PP | -47,0554 | 10-4 | 0,465 |
| 10 | 1,86 | SISMAX_PP | -47,0554 | 10-5 | 0 |
| 10 | 2,325 | SISMAX_PP | -55,8811 | 10-5 | 0,465 |
| 10 | 2,325 | SISMAX_PP | -55,8811 | 10-6 | 0 |
| 10 | 2,79 | SISMAX_PP | -63,266 | 10-6 | 0,465 |
| 10 | 2,79 | SISMAX_PP | -63,266 | 10-7 | 0 |
| 10 | 3,255 | SISMAX_PP | -69,1147 | 10-7 | 0,465 |
| 10 | 3,255 | SISMAX_PP | -69,1147 | 10-8 | 0 |
| 10 | 3,72 | SISMAX_PP | -73,331 | 10-8 | 0,465 |
| 10 | 3,72 | SISMAX_PP | -73,331 | 10-9 | 0 |
| 10 | 4,185 | SISMAX_PP | -75,8181 | 10-9 | 0,465 |
| 10 | 4,185 | SISMAX_PP | -75,8181 | 10-10 | 0 |
| 10 | 4,65 | SISMAX_PP | -76,4785 | 10-10 | 0,465 |
| 10 | 0 | SISMAZ_PP | 60,2333 | 10-1 | 0 |
| 10 | 0,465 | SISMAZ_PP | 50,0952 | 10-1 | 0,465 |
| 10 | 0,465 | SISMAZ_PP | 50,0952 | 10-2 | 0 |
| 10 | 0,93 | SISMAZ_PP | 40,5009 | 10-2 | 0,465 |
| 10 | 0,93 | SISMAZ_PP | 40,5009 | 10-3 | 0 |
| 10 | 1,395 | SISMAZ_PP | 31,4463 | 10-3 | 0,465 |
| 10 | 1,395 | SISMAZ_PP | 31,4463 | 10-4 | 0 |
| 10 | 1,86 | SISMAZ_PP | 22,9266 | 10-4 | 0,465 |
| 10 | 1,86 | SISMAZ_PP | 22,9266 | 10-5 | 0 |
| 10 | 2,325 | SISMAZ_PP | 14,9373 | 10-5 | 0,465 |
| 10 | 2,325 | SISMAZ_PP | 14,9373 | 10-6 | 0 |
| 10 | 2,79 | SISMAZ_PP | 7,4737 | 10-6 | 0,465 |
| 10 | 2,79 | SISMAZ_PP | 7,4737 | 10-7 | 0 |
| 10 | 3,255 | SISMAZ_PP | 0,5308 | 10-7 | 0,465 |
| 10 | 3,255 | SISMAZ_PP | 0,5308 | 10-8 | 0 |
| 10 | 3,72 | SISMAZ_PP | -5,8961 | 10-8 | 0,465 |
| 10 | 3,72 | SISMAZ_PP | -5,8961 | 10-9 | 0 |
| 10 | 4,185 | SISMAZ_PP | -11,8117 | 10-9 | 0,465 |
| 10 | 4,185 | SISMAZ_PP | -11,8117 | 10-10 | 0 |
| 10 | 4,65 | SISMAZ_PP | -17,2207 | 10-10 | 0,465 |
| 10 | 0 | SISMAX_LM71_S X | 41,4391 | 10-1 | 0 |
| 10 | 0,465 | SISMAX_LM71_S X | 37,5185 | 10-1 | 0,465 |
| 10 | 0,465 | SISMAX_LM71_S X | 37,5185 | 10-2 | 0 |
| 10 | 0,93 | SISMAX_LM71_S X | 33,7471 | 10-2 | 0,465 |
| 10 | 0,93 | SISMAX_LM71_S X | 33,7471 | 10-3 | 0 |
| 10 | 1,395 | SISMAX_LM71_S X | 30,1332 | 10-3 | 0,465 |
| 10 | 1,395 | SISMAX_LM71_S X | 30,1332 | 10-4 | 0 |
| 10 | 1,86 | SISMAX_LM71_S X | 26,685 | 10-4 | 0,465 |
| 10 | 1,86 | SISMAX_LM71_S X | 26,685 | 10-5 | 0 |
| 10 | 2,325 | SISMAX_LM71_S X | 23,4104 | 10-5 | 0,465 |
| 10 | 2,325 | SISMAX_LM71_S X | 23,4104 | 10-6 | 0 |
| 10 | 2,79 | SISMAX_LM71_S X | 20,3174 | 10-6 | 0,465 |
| 10 | 2,79 | SISMAX_LM71_S X | 20,3174 | 10-7 | 0 |
| 10 | 3,255 | SISMAX_LM71_S X | 17,4135 | 10-7 | 0,465 |
| 10 | 3,255 | SISMAX_LM71_S X | 17,4135 | 10-8 | 0 |
| 10 | 3,72 | SISMAX_LM71_S X | 14,7064 | 10-8 | 0,465 |
| 10 | 3,72 | SISMAX_LM71_S X | 14,7064 | 10-9 | 0 |
| 10 | 4,185 | SISMAX_LM71_S X | 12,2035 | 10-9 | 0,465 |
| 10 | 4,185 | SISMAX_LM71_S X | 12,2035 | 10-10 | 0 |
| 10 | 4,65 | SISMAX_LM71_S X | 9,9121 | 10-10 | 0,465 |

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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 10 | 0 | SISMAX_LM71_D X | 48,4338 | 10-1 | 0 |
| 10 | 0,465 | SISMAX_LM71_D X | 44,0386 | 10-1 | 0,465 |
| 10 | 0,465 | SISMAX_LM71_D X | 44,0386 | 10-2 | 0 |
| 10 | 0,93 | SISMAX_LM71_D X | 39,7766 | 10-2 | 0,465 |
| 10 | 0,93 | SISMAX_LM71_D X | 39,7766 | 10-3 | 0 |
| 10 | 1,395 | SISMAX_LM71_D X | 35,6612 | 10-3 | 0,465 |
| 10 | 1,395 | SISMAX_LM71_D X | 35,6612 | 10-4 | 0 |
| 10 | 1,86 | SISMAX_LM71_D X | 31,7055 | 10-4 | 0,465 |
| 10 | 1,86 | SISMAX_LM71_D X | 31,7055 | 10-5 | 0 |
| 10 | 2,325 | SISMAX_LM71_D X | 27,9226 | 10-5 | 0,465 |
| 10 | 2,325 | SISMAX_LM71_D X | 27,9226 | 10-6 | 0 |
| 10 | 2,79 | SISMAX_LM71_D X | 24,325 | 10-6 | 0,465 |
| 10 | 2,79 | SISMAX_LM71_D X | 24,325 | 10-7 | 0 |
| 10 | 3,255 | SISMAX_LM71_D X | 20,9254 | 10-7 | 0,465 |
| 10 | 3,255 | SISMAX_LM71_D X | 20,9254 | 10-8 | 0 |
| 10 | 3,72 | SISMAX_LM71_D X | 17,7362 | 10-8 | 0,465 |
| 10 | 3,72 | SISMAX_LM71_D X | 17,7362 | 10-9 | 0 |
| 10 | 4,185 | SISMAX_LM71_D X | 14,7697 | 10-9 | 0,465 |
| 10 | 4,185 | SISMAX_LM71_D X | 14,7697 | 10-10 | 0 |
| 10 | 4,65 | SISMAX_LM71_D X | 12,038 | 10-10 | 0,465 |
| 10 | 0 | SISMAZ_LM71_S X | 13,6714 | 10-1 | 0 |
| 10 | 0,465 | SISMAZ_LM71_S X | 11,9934 | 10-1 | 0,465 |
| 10 | 0,465 | SISMAZ_LM71_S X | 11,9934 | 10-2 | 0 |
| 10 | 0,93 | SISMAZ_LM71_S X | 10,4492 | 10-2 | 0,465 |
| 10 | 0,93 | SISMAZ_LM71_S X | 10,4492 | 10-3 | 0 |
| 10 | 1,395 | SISMAZ_LM71_S X | 9,034 | 10-3 | 0,465 |
| 10 | 1,395 | SISMAZ_LM71_S X | 9,034 | 10-4 | 0 |
| 10 | 1,86 | SISMAZ_LM71_S X | 7,7432 | 10-4 | 0,465 |
| 10 | 1,86 | SISMAZ_LM71_S X | 7,7432 | 10-5 | 0 |
| 10 | 2,325 | SISMAZ_LM71_S X | 6,5719 | 10-5 | 0,465 |
| 10 | 2,325 | SISMAZ_LM71_S X | 6,5719 | 10-6 | 0 |
| 10 | 2,79 | SISMAZ_LM71_S X | 5,5155 | 10-6 | 0,465 |
| 10 | 2,79 | SISMAZ_LM71_S X | 5,5155 | 10-7 | 0 |
| 10 | 3,255 | SISMAZ_LM71_S X | 4,5689 | 10-7 | 0,465 |
| 10 | 3,255 | SISMAZ_LM71_S X | 4,5689 | 10-8 | 0 |
| 10 | 3,72 | SISMAZ_LM71_S X | 3,7274 | 10-8 | 0,465 |
| 10 | 3,72 | SISMAZ_LM71_S X | 3,7274 | 10-9 | 0 |
| 10 | 4,185 | SISMAZ_LM71_S X | 2,986 | 10-9 | 0,465 |
| 10 | 4,185 | SISMAZ_LM71_S X | 2,986 | 10-10 | 0 |
| 10 | 4,65 | SISMAZ_LM71_S X | 2,34 | 10-10 | 0,465 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 10 | 0 | SISMAZ_LM71_D X | 31,2298 | 10-1 | 0 |
| 10 | 0,465 | SISMAZ_LM71_D X | 27,9127 | 10-1 | 0,465 |
| 10 | 0,465 | SISMAZ_LM71_D X | 27,9127 | 10-2 | 0 |
| 10 | 0,93 | SISMAZ_LM71_D X | 24,7877 | 10-2 | 0,465 |
| 10 | 0,93 | SISMAZ_LM71_D X | 24,7877 | 10-3 | 0 |
| 10 | 1,395 | SISMAZ_LM71_D X | 21,8541 | 10-3 | 0,465 |
| 10 | 1,395 | SISMAZ_LM71_D X | 21,8541 | 10-4 | 0 |
| 10 | 1,86 | SISMAZ_LM71_D X | 19,111 | 10-4 | 0,465 |
| 10 | 1,86 | SISMAZ_LM71_D X | 19,111 | 10-5 | 0 |
| 10 | 2,325 | SISMAZ_LM71_D X | 16,5575 | 10-5 | 0,465 |
| 10 | 2,325 | SISMAZ_LM71_D X | 16,5575 | 10-6 | 0 |
| 10 | 2,79 | SISMAZ_LM71_D X | 14,1925 | 10-6 | 0,465 |
| 10 | 2,79 | SISMAZ_LM71_D X | 14,1925 | 10-7 | 0 |
| 10 | 3,255 | SISMAZ_LM71_D X | 12,0148 | 10-7 | 0,465 |
| 10 | 3,255 | SISMAZ_LM71_D X | 12,0148 | 10-8 | 0 |
| 10 | 3,72 | SISMAZ_LM71_D X | 10,0233 | 10-8 | 0,465 |
| 10 | 3,72 | SISMAZ_LM71_D X | 10,0233 | 10-9 | 0 |
| 10 | 4,185 | SISMAZ_LM71_D X | 8,2166 | 10-9 | 0,465 |
| 10 | 4,185 | SISMAZ_LM71_D X | 8,2166 | 10-10 | 0 |
| 10 | 4,65 | SISMAZ_LM71_D X | 6,5933 | 10-10 | 0,465 |
| 10 | 0 | QP | 398,321 | 10-1 | 0 |
| 10 | 0,465 | QP | 349,8526 | 10-1 | 0,465 |
| 10 | 0,465 | QP | 349,8526 | 10-2 | 0 |
| 10 | 0,93 | QP | 305,7096 | 10-2 | 0,465 |
| 10 | 0,93 | QP | 305,7096 | 10-3 | 0 |
| 10 | 1,395 | QP | 265,8714 | 10-3 | 0,465 |
| 10 | 1,395 | QP | 265,8714 | 10-4 | 0 |
| 10 | 1,86 | QP | 230,3155 | 10-4 | 0,465 |
| 10 | 1,86 | QP | 230,3155 | 10-5 | 0 |
| 10 | 2,325 | QP | 199,0183 | 10-5 | 0,465 |
| 10 | 2,325 | QP | 199,0183 | 10-6 | 0 |
| 10 | 2,79 | QP | 171,955 | 10-6 | 0,465 |
| 10 | 2,79 | QP | 171,955 | 10-7 | 0 |
| 10 | 3,255 | QP | 149,1 | 10-7 | 0,465 |
| 10 | 3,255 | QP | 149,1 | 10-8 | 0 |
| 10 | 3,72 | QP | 130,4269 | 10-8 | 0,465 |
| 10 | 3,72 | QP | 130,4269 | 10-9 | 0 |
| 10 | 4,185 | QP | 115,9088 | 10-9 | 0,465 |
| 10 | 4,185 | QP | 115,9088 | 10-10 | 0 |
| 10 | 4,65 | QP | 105,5186 | 10-10 | 0,465 |
| 11 | 0 | PP | -9,1986 | 11-1 | 0 |
| 11 | 0,4625 | PP | -13,1098 | 11-1 | 0,4625 |
| 11 | 0,4625 | PP | -13,1098 | 11-2 | 0 |
| 11 | 0,925 | PP | -15,6404 | 11-2 | 0,4625 |
| 11 | 0,925 | PP | -15,6404 | 11-3 | 0 |
| 11 | 1,3875 | PP | -16,7493 | 11-3 | 0,4625 |
| 11 | 1,3875 | PP | -16,7493 | 11-4 | 0 |
| 11 | 1,85 | PP | -16,3952 | 11-4 | 0,4625 |
| 11 | 1,85 | PP | -16,3952 | 11-5 | 0 |
| 11 | 2,3125 | PP | -14,5365 | 11-5 | 0,4625 |
| 11 | 2,3125 | PP | -14,5365 | 11-6 | 0 |
| 11 | 2,775 | PP | -11,1312 | 11-6 | 0,4625 |
| 11 | 2,775 | PP | -11,1312 | 11-7 | 0 |
| 11 | 3,2375 | PP | -6,137 | 11-7 | 0,4625 |
| 11 | 3,2375 | PP | -6,137 | 11-8 | 0 |
| 11 | 3,7 | PP | 0,4884 | 11-8 | 0,4625 |
| 11 | 0 | PPERM | 16,2497 | 11-1 | 0 |

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| Frame | Station m | OutputCase | M3 | FrameElem | ElemStation m |
|-------|--------------|------------|----------|-----------|------------------|
| | | | KN-m | | |
| 11 | 0,4625 | PPERM | 12,6857 | 11-1 | 0,4625 |
| 11 | 0,4625 | PPERM | 12,6857 | 11-2 | 0 |
| 11 | 0,925 | PPERM | 9,5766 | 11-2 | 0,4625 |
| 11 | 0,925 | PPERM | 9,5766 | 11-3 | 0 |
| 11 | 1,3875 | PPERM | 6,9159 | 11-3 | 0,4625 |
| 11 | 1,3875 | PPERM | 6,9159 | 11-4 | 0 |
| 11 | 1,85 | PPERM | 4,6973 | 11-4 | 0,4625 |
| 11 | 1,85 | PPERM | 4,6973 | 11-5 | 0 |
| 11 | 2,3125 | PPERM | 2,9144 | 11-5 | 0,4625 |
| 11 | 2,3125 | PPERM | 2,9144 | 11-6 | 0 |
| 11 | 2,775 | PPERM | 1,5608 | 11-6 | 0,4625 |
| 11 | 2,775 | PPERM | 1,5608 | 11-7 | 0 |
| 11 | 3,2375 | PPERM | 0,6302 | 11-7 | 0,4625 |
| 11 | 3,2375 | PPERM | 0,6302 | 11-8 | 0 |
| 11 | 3,7 | PPERM | 0,1162 | 11-8 | 0,4625 |
| 11 | 0 | BALLAST | 98,4676 | 11-1 | 0 |
| 11 | 0,4625 | BALLAST | 76,6057 | 11-1 | 0,4625 |
| 11 | 0,4625 | BALLAST | 76,6057 | 11-2 | 0 |
| 11 | 0,925 | BALLAST | 57,6274 | 11-2 | 0,4625 |
| 11 | 0,925 | BALLAST | 57,6274 | 11-3 | 0 |
| 11 | 1,3875 | BALLAST | 41,4679 | 11-3 | 0,4625 |
| 11 | 1,3875 | BALLAST | 41,4679 | 11-4 | 0 |
| 11 | 1,85 | BALLAST | 28,0622 | 11-4 | 0,4625 |
| 11 | 1,85 | BALLAST | 28,0622 | 11-5 | 0 |
| 11 | 2,3125 | BALLAST | 17,3454 | 11-5 | 0,4625 |
| 11 | 2,3125 | BALLAST | 17,3454 | 11-6 | 0 |
| 11 | 2,775 | BALLAST | 9,2528 | 11-6 | 0,4625 |
| 11 | 2,775 | BALLAST | 9,2528 | 11-7 | 0 |
| 11 | 3,2375 | BALLAST | 3,7199 | 11-7 | 0,4625 |
| 11 | 3,2375 | BALLAST | 3,7199 | 11-8 | 0 |
| 11 | 3,7 | BALLAST | 0,6824 | 11-8 | 0,4625 |
| 11 | 0 | LM71_SX | 78,4896 | 11-1 | 0 |
| 11 | 0,4625 | LM71_SX | 59,9419 | 11-1 | 0,4625 |
| 11 | 0,4625 | LM71_SX | 59,9419 | 11-2 | 0 |
| 11 | 0,925 | LM71_SX | 44,2307 | 11-2 | 0,4625 |
| 11 | 0,925 | LM71_SX | 44,2307 | 11-3 | 0 |
| 11 | 1,3875 | LM71_SX | 31,1938 | 11-3 | 0,4625 |
| 11 | 1,3875 | LM71_SX | 31,1938 | 11-4 | 0 |
| 11 | 1,85 | LM71_SX | 20,669 | 11-4 | 0,4625 |
| 11 | 1,85 | LM71_SX | 20,669 | 11-5 | 0 |
| 11 | 2,3125 | LM71_SX | 12,4944 | 11-5 | 0,4625 |
| 11 | 2,3125 | LM71_SX | 12,4944 | 11-6 | 0 |
| 11 | 2,775 | LM71_SX | 6,5079 | 11-6 | 0,4625 |
| 11 | 2,775 | LM71_SX | 6,5079 | 11-7 | 0 |
| 11 | 3,2375 | LM71_SX | 2,5479 | 11-7 | 0,4625 |
| 11 | 3,2375 | LM71_SX | 2,5479 | 11-8 | 0 |
| 11 | 3,7 | LM71_SX | 0,4529 | 11-8 | 0,4625 |
| 11 | 0 | LM71_DX | 221,1586 | 11-1 | 0 |
| 11 | 0,4625 | LM71_DX | 173,0602 | 11-1 | 0,4625 |
| 11 | 0,4625 | LM71_DX | 173,0602 | 11-2 | 0 |
| 11 | 0,925 | LM71_DX | 130,9571 | 11-2 | 0,4625 |
| 11 | 0,925 | LM71_DX | 130,9571 | 11-3 | 0 |
| 11 | 1,3875 | LM71_DX | 94,8023 | 11-3 | 0,4625 |
| 11 | 1,3875 | LM71_DX | 94,8023 | 11-4 | 0 |
| 11 | 1,85 | LM71_DX | 64,5489 | 11-4 | 0,4625 |
| 11 | 1,85 | LM71_DX | 64,5489 | 11-5 | 0 |
| 11 | 2,3125 | LM71_DX | 40,1497 | 11-5 | 0,4625 |
| 11 | 2,3125 | LM71_DX | 40,1497 | 11-6 | 0 |
| 11 | 2,775 | LM71_DX | 21,5583 | 11-6 | 0,4625 |
| 11 | 2,775 | LM71_DX | 21,5583 | 11-7 | 0 |
| 11 | 3,2375 | LM71_DX | 8,7283 | 11-7 | 0,4625 |
| 11 | 3,2375 | LM71_DX | 8,7283 | 11-8 | 0 |
| 11 | 3,7 | LM71_DX | 1,6142 | 11-8 | 0,4625 |
| 11 | 0 | ACC_SX | -60,4129 | 11-1 | 0 |
| 11 | 0,4625 | ACC_SX | -48,3805 | 11-1 | 0,4625 |
| 11 | 0,4625 | ACC_SX | -48,3805 | 11-2 | 0 |
| 11 | 0,925 | ACC_SX | -37,455 | 11-2 | 0,4625 |
| 11 | 0,925 | ACC_SX | -37,455 | 11-3 | 0 |
| 11 | 1,3875 | ACC_SX | -27,7326 | 11-3 | 0,4625 |
| 11 | 1,3875 | ACC_SX | -27,7326 | 11-4 | 0 |
| 11 | 1,85 | ACC_SX | -19,3095 | 11-4 | 0,4625 |
| 11 | 1,85 | ACC_SX | -19,3095 | 11-5 | 0 |

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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 11 | 2,3125 | ACC_SX | -12,2816 | 11-5 | 0,4625 |
| 11 | 2,3125 | ACC_SX | -12,2816 | 11-6 | 0 |
| 11 | 2,775 | ACC_SX | -6,745 | 11-6 | 0,4625 |
| 11 | 2,775 | ACC_SX | -6,745 | 11-7 | 0 |
| 11 | 3,2375 | ACC_SX | -2,796 | 11-7 | 0,4625 |
| 11 | 3,2375 | ACC_SX | -2,796 | 11-8 | 0 |
| 11 | 3,7 | ACC_SX | -0,5308 | 11-8 | 0,4625 |
| 11 | 0 | ACC_DX | -153,9933 | 11-1 | 0 |
| 11 | 0,4625 | ACC_DX | -111,9056 | 11-1 | 0,4625 |
| 11 | 0,4625 | ACC_DX | -111,9056 | 11-2 | 0 |
| 11 | 0,925 | ACC_DX | -76,6551 | 11-2 | 0,4625 |
| 11 | 0,925 | ACC_DX | -76,6551 | 11-3 | 0 |
| 11 | 1,3875 | ACC_DX | -48,0538 | 11-3 | 0,4625 |
| 11 | 1,3875 | ACC_DX | -48,0538 | 11-4 | 0 |
| 11 | 1,85 | ACC_DX | -25,9141 | 11-4 | 0,4625 |
| 11 | 1,85 | ACC_DX | -25,9141 | 11-5 | 0 |
| 11 | 2,3125 | ACC_DX | -10,0487 | 11-5 | 0,4625 |
| 11 | 2,3125 | ACC_DX | -10,0487 | 11-6 | 0 |
| 11 | 2,775 | ACC_DX | -0,2712 | 11-6 | 0,4625 |
| 11 | 2,775 | ACC_DX | -0,2712 | 11-7 | 0 |
| 11 | 3,2375 | ACC_DX | 3,6044 | 11-7 | 0,4625 |
| 11 | 3,2375 | ACC_DX | 3,6044 | 11-8 | 0 |
| 11 | 3,7 | ACC_DX | 1,7633 | 11-8 | 0,4625 |
| 11 | 0 | SISMAX_PP | -76,4785 | 11-1 | 0 |
| 11 | 0,4625 | SISMAX_PP | -76,3774 | 11-1 | 0,4625 |
| 11 | 0,4625 | SISMAX_PP | -76,3774 | 11-2 | 0 |
| 11 | 0,925 | SISMAX_PP | -74,2745 | 11-2 | 0,4625 |
| 11 | 0,925 | SISMAX_PP | -74,2745 | 11-3 | 0 |
| 11 | 1,3875 | SISMAX_PP | -70,0713 | 11-3 | 0,4625 |
| 11 | 1,3875 | SISMAX_PP | -70,0713 | 11-4 | 0 |
| 11 | 1,85 | SISMAX_PP | -63,669 | 11-4 | 0,4625 |
| 11 | 1,85 | SISMAX_PP | -63,669 | 11-5 | 0 |
| 11 | 2,3125 | SISMAX_PP | -54,9676 | 11-5 | 0,4625 |
| 11 | 2,3125 | SISMAX_PP | -54,9676 | 11-6 | 0 |
| 11 | 2,775 | SISMAX_PP | -43,8667 | 11-6 | 0,4625 |
| 11 | 2,775 | SISMAX_PP | -43,8667 | 11-7 | 0 |
| 11 | 3,2375 | SISMAX_PP | -30,265 | 11-7 | 0,4625 |
| 11 | 3,2375 | SISMAX_PP | -30,265 | 11-8 | 0 |
| 11 | 3,7 | SISMAX_PP | -14,0607 | 11-8 | 0,4625 |
| 11 | 0 | SISMAZ_PP | -17,2207 | 11-1 | 0 |
| 11 | 0,4625 | SISMAZ_PP | -22,0501 | 11-1 | 0,4625 |
| 11 | 0,4625 | SISMAZ_PP | -22,0501 | 11-2 | 0 |
| 11 | 0,925 | SISMAZ_PP | -26,2821 | 11-2 | 0,4625 |
| 11 | 0,925 | SISMAZ_PP | -26,2821 | 11-3 | 0 |
| 11 | 1,3875 | SISMAZ_PP | -29,9208 | 11-3 | 0,4625 |
| 11 | 1,3875 | SISMAZ_PP | -29,9208 | 11-4 | 0 |
| 11 | 1,85 | SISMAZ_PP | -32,97 | 11-4 | 0,4625 |
| 11 | 1,85 | SISMAZ_PP | -32,97 | 11-5 | 0 |
| 11 | 2,3125 | SISMAZ_PP | -35,433 | 11-5 | 0,4625 |
| 11 | 2,3125 | SISMAZ_PP | -35,433 | 11-6 | 0 |
| 11 | 2,775 | SISMAZ_PP | -37,3131 | 11-6 | 0,4625 |
| 11 | 2,775 | SISMAZ_PP | -37,3131 | 11-7 | 0 |
| 11 | 3,2375 | SISMAZ_PP | -38,6132 | 11-7 | 0,4625 |
| 11 | 3,2375 | SISMAZ_PP | -38,6132 | 11-8 | 0 |
| 11 | 3,7 | SISMAZ_PP | -39,3357 | 11-8 | 0,4625 |
| 11 | 0 | SISMAX_LM71_S X | 9,9121 | 11-1 | 0 |
| 11 | 0,4625 | SISMAX_LM71_S X | 7,8502 | 11-1 | 0,4625 |
| 11 | 0,4625 | SISMAX_LM71_S X | 7,8502 | 11-2 | 0 |
| 11 | 0,925 | SISMAX_LM71_S X | 6,0119 | 11-2 | 0,4625 |
| 11 | 0,925 | SISMAX_LM71_S X | 6,0119 | 11-3 | 0 |
| 11 | 1,3875 | SISMAX_LM71_S X | 4,4046 | 11-3 | 0,4625 |
| 11 | 1,3875 | SISMAX_LM71_S X | 4,4046 | 11-4 | 0 |
| 11 | 1,85 | SISMAX_LM71_S X | 3,0352 | 11-4 | 0,4625 |
| 11 | 1,85 | SISMAX_LM71_S X | 3,0352 | 11-5 | 0 |



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| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 11 | 2,3125 | SISMAX_LM71_S X | 1,9109 | 11-5 | 0,4625 |
| 11 | 2,3125 | SISMAX_LM71_S X | 1,9109 | 11-6 | 0 |
| 11 | 2,775 | SISMAX_LM71_S X | 1,0388 | 11-6 | 0,4625 |
| 11 | 2,775 | SISMAX_LM71_S X | 1,0388 | 11-7 | 0 |
| 11 | 3,2375 | SISMAX_LM71_S X | 0,4261 | 11-7 | 0,4625 |
| 11 | 3,2375 | SISMAX_LM71_S X | 0,4261 | 11-8 | 0 |
| 11 | 3,7 | SISMAX_LM71_S X | 0,08 | 11-8 | 0,4625 |
| 11 | 0 | SISMAX_LM71_D X | 12,038 | 11-1 | 0 |
| 11 | 0,4625 | SISMAX_LM71_D X | 9,5661 | 11-1 | 0,4625 |
| 11 | 0,4625 | SISMAX_LM71_D X | 9,5661 | 11-2 | 0 |
| 11 | 0,925 | SISMAX_LM71_D X | 7,3504 | 11-2 | 0,4625 |
| 11 | 0,925 | SISMAX_LM71_D X | 7,3504 | 11-3 | 0 |
| 11 | 1,3875 | SISMAX_LM71_D X | 5,4027 | 11-3 | 0,4625 |
| 11 | 1,3875 | SISMAX_LM71_D X | 5,4027 | 11-4 | 0 |
| 11 | 1,85 | SISMAX_LM71_D X | 3,735 | 11-4 | 0,4625 |
| 11 | 1,85 | SISMAX_LM71_D X | 3,735 | 11-5 | 0 |
| 11 | 2,3125 | SISMAX_LM71_D X | 2,359 | 11-5 | 0,4625 |
| 11 | 2,3125 | SISMAX_LM71_D X | 2,359 | 11-6 | 0 |
| 11 | 2,775 | SISMAX_LM71_D X | 1,2865 | 11-6 | 0,4625 |
| 11 | 2,775 | SISMAX_LM71_D X | 1,2865 | 11-7 | 0 |
| 11 | 3,2375 | SISMAX_LM71_D X | 0,5295 | 11-7 | 0,4625 |
| 11 | 3,2375 | SISMAX_LM71_D X | 0,5295 | 11-8 | 0 |
| 11 | 3,7 | SISMAX_LM71_D X | 0,0997 | 11-8 | 0,4625 |
| 11 | 0 | SISMAZ_LM71_S X | 2,34 | 11-1 | 0 |
| 11 | 0,4625 | SISMAZ_LM71_S X | 1,787 | 11-1 | 0,4625 |
| 11 | 0,4625 | SISMAZ_LM71_S X | 1,787 | 11-2 | 0 |
| 11 | 0,925 | SISMAZ_LM71_S X | 1,3186 | 11-2 | 0,4625 |
| 11 | 0,925 | SISMAZ_LM71_S X | 1,3186 | 11-3 | 0 |
| 11 | 1,3875 | SISMAZ_LM71_S X | 0,93 | 11-3 | 0,4625 |
| 11 | 1,3875 | SISMAZ_LM71_S X | 0,93 | 11-4 | 0 |
| 11 | 1,85 | SISMAZ_LM71_S X | 0,6162 | 11-4 | 0,4625 |
| 11 | 1,85 | SISMAZ_LM71_S X | 0,6162 | 11-5 | 0 |
| 11 | 2,3125 | SISMAZ_LM71_S X | 0,3725 | 11-5 | 0,4625 |
| 11 | 2,3125 | SISMAZ_LM71_S X | 0,3725 | 11-6 | 0 |
| 11 | 2,775 | SISMAZ_LM71_S X | 0,194 | 11-6 | 0,4625 |
| 11 | 2,775 | SISMAZ_LM71_S X | 0,194 | 11-7 | 0 |
| 11 | 3,2375 | SISMAZ_LM71_S X | 0,076 | 11-7 | 0,4625 |
| 11 | 3,2375 | SISMAZ_LM71_S X | 0,076 | 11-8 | 0 |
| 11 | 3,7 | SISMAZ_LM71_S X | 0,0135 | 11-8 | 0,4625 |
| 11 | 0 | SISMAZ_LM71_D X | 6,5933 | 11-1 | 0 |

Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 11 | 0,4625 | SISMAZ_LM71_D X | 5,1594 | 11-1 | 0,4625 |
| 11 | 0,4625 | SISMAZ_LM71_D X | 5,1594 | 11-2 | 0 |
| 11 | 0,925 | SISMAZ_LM71_D X | 3,9042 | 11-2 | 0,4625 |
| 11 | 0,925 | SISMAZ_LM71_D X | 3,9042 | 11-3 | 0 |
| 11 | 1,3875 | SISMAZ_LM71_D X | 2,8263 | 11-3 | 0,4625 |
| 11 | 1,3875 | SISMAZ_LM71_D X | 2,8263 | 11-4 | 0 |
| 11 | 1,85 | SISMAZ_LM71_D X | 1,9244 | 11-4 | 0,4625 |
| 11 | 1,85 | SISMAZ_LM71_D X | 1,9244 | 11-5 | 0 |
| 11 | 2,3125 | SISMAZ_LM71_D X | 1,197 | 11-5 | 0,4625 |
| 11 | 2,3125 | SISMAZ_LM71_D X | 1,197 | 11-6 | 0 |
| 11 | 2,775 | SISMAZ_LM71_D X | 0,6427 | 11-6 | 0,4625 |
| 11 | 2,775 | SISMAZ_LM71_D X | 0,6427 | 11-7 | 0 |
| 11 | 3,2375 | SISMAZ_LM71_D X | 0,2602 | 11-7 | 0,4625 |
| 11 | 3,2375 | SISMAZ_LM71_D X | 0,2602 | 11-8 | 0 |
| 11 | 3,7 | SISMAZ_LM71_D X | 0,0481 | 11-8 | 0,4625 |
| 11 | 0 | QP | 105,5186 | 11-1 | 0 |
| 11 | 0,4625 | QP | 76,1816 | 11-1 | 0,4625 |
| 11 | 0,4625 | QP | 76,1816 | 11-2 | 0 |
| 11 | 0,925 | QP | 51,5636 | 11-2 | 0,4625 |
| 11 | 0,925 | QP | 51,5636 | 11-3 | 0 |
| 11 | 1,3875 | QP | 31,6345 | 11-3 | 0,4625 |
| 11 | 1,3875 | QP | 31,6345 | 11-4 | 0 |
| 11 | 1,85 | QP | 16,3643 | 11-4 | 0,4625 |
| 11 | 1,85 | QP | 16,3643 | 11-5 | 0 |
| 11 | 2,3125 | QP | 5,7233 | 11-5 | 0,4625 |
| 11 | 2,3125 | QP | 5,7233 | 11-6 | 0 |
| 11 | 2,775 | QP | -0,3176 | 11-6 | 0,4625 |
| 11 | 2,775 | QP | -0,3176 | 11-7 | 0 |
| 11 | 3,2375 | QP | -1,787 | 11-7 | 0,4625 |
| 11 | 3,2375 | QP | -1,787 | 11-8 | 0 |
| 11 | 3,7 | QP | 1,287 | 11-8 | 0,4625 |
| 12 | 0 | PP | 0,4884 | 12-1 | 0 |
| 12 | 0,35 | PP | 1,59E-11 | 12-1 | 0,35 |
| 12 | 0 | PPERM | 0,1162 | 12-1 | 0 |
| 12 | 0,35 | PPERM | 3,334E-12 | 12-1 | 0,35 |
| 12 | 0 | BALLAST | 0,6824 | 12-1 | 0 |
| 12 | 0,35 | BALLAST | 2,183E-12 | 12-1 | 0,35 |
| 12 | 0 | LM71_SX | 0,4529 | 12-1 | 0 |
| 12 | 0,35 | LM71_SX | 8,004E-12 | 12-1 | 0,35 |
| 12 | 0 | LM71_DX | 1,6142 | 12-1 | 0 |
| 12 | 0,35 | LM71_DX | 2,184E-12 | 12-1 | 0,35 |
| 12 | 0 | ACC_SX | -0,5308 | 12-1 | 0 |
| 12 | 0,35 | ACC_SX | 7,271E-13 | 12-1 | 0,35 |
| 12 | 0 | ACC_DX | 1,7633 | 12-1 | 0 |
| 12 | 0,35 | ACC_DX | -1,746E-11 | 12-1 | 0,35 |
| 12 | 0 | SISMAX_PP | -14,0607 | 12-1 | 0 |
| 12 | 0,35 | SISMAX_PP | -2,269E-12 | 12-1 | 0,35 |
| 12 | 0 | SISMAZ_PP | -39,3357 | 12-1 | 0 |
| 12 | 0,35 | SISMAZ_PP | -39,5 | 12-1 | 0,35 |
| 12 | 0 | SISMAX_LM71_S X | 0,08 | 12-1 | 0 |
| 12 | 0,35 | SISMAX_LM71_S X | -4,092E-13 | 12-1 | 0,35 |
| 12 | 0 | SISMAX_LM71_D X | 0,0997 | 12-1 | 0 |
| 12 | 0,35 | SISMAX_LM71_D X | -6,365E-13 | 12-1 | 0,35 |
| 12 | 0 | SISMAZ_LM71_S X | 0,0135 | 12-1 | 0 |
| 12 | 0,35 | SISMAZ_LM71_S X | 1,137E-13 | 12-1 | 0,35 |



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Table: Element Forces - Frames, Part 2 of 2

| Frame | Station m | OutputCase | M3 KN-m | FrameElem | ElemStation m |
|-------|--------------|--------------------|------------|-----------|------------------|
| 12 | 0 | SISMAZ_LM71_D X | 0,0481 | 12-1 | 0 |
| 12 | 0,35 | SISMAZ_LM71_D X | 1,142E-14 | 12-1 | 0,35 |
| 12 | 0 | QP | 1,287 | 12-1 | 0 |
| 12 | 0,35 | QP | 2,142E-11 | 12-1 | 0,35 |

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

| Frame | LoadPat | CoordSys | Type | Dir | DistType | RelDistA |
|-------|----------------|----------|--------|---------|----------|----------|
| 10 | PPERM | GLOBAL | Force | Gravity | RelDist | 0 |
| 10 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 10 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 10 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 10 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 4 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0 |
| 4 | PPERM | GLOBAL | Force | Gravity | RelDist | 0 |
| 4 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 4 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 4 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 4 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 4 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 4 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 5 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0 |
| 5 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0,5 |
| 5 | PPERM | GLOBAL | Force | Gravity | RelDist | 0 |
| 5 | LM71_SX | GLOBAL | Force | Gravity | RelDist | 0 |
| 5 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 5 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 5 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 5 | SISMAZ_LM71_SX | GLOBAL | Force | Gravity | RelDist | 0 |
| 5 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 5 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 5 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 5 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 5 | SISMAX_LM71_SX | GLOBAL | Moment | Y | RelDist | 0 |
| 6 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0 |
| 6 | PPERM | GLOBAL | Force | Gravity | RelDist | 0 |
| 6 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 6 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 6 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 6 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 6 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 6 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 7 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0 |
| 7 | PPERM | GLOBAL | Force | Gravity | RelDist | 0 |
| 7 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 7 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 7 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 7 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 7 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 7 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 8 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0 |
| 8 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0,5 |
| 8 | PPERM | GLOBAL | Force | Gravity | RelDist | 0 |
| 8 | LM71_DX | GLOBAL | Force | Gravity | RelDist | 0 |
| 8 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 8 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 8 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 8 | SISMAZ_LM71_DX | GLOBAL | Force | Gravity | RelDist | 0 |
| 8 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 8 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 8 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 8 | SISMAX_LM71_DX | GLOBAL | Moment | Y | RelDist | 0 |
| 9 | BALLAST | GLOBAL | Force | Gravity | RelDist | 0 |
| 9 | PPERM | GLOBAL | Force | Gravity | RelDist | 0 |
| 9 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 9 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 9 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 9 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 9 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |

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| Frame | LoadPat | CoordSys | Type | Dir | DistType | RelDistA |
|-------|-----------|----------|--------|---------|----------|----------|
| 9 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 1 | PPERM | GLOBAL | Force | Gravity | RelDist | 0 |
| 1 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 1 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 1 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 1 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 2 | PPERM | GLOBAL | Force | Gravity | RelDist | 0 |
| 2 | ACC_SX | GLOBAL | Force | Gravity | RelDist | 0 |
| 2 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 2 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 2 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 2 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 3 | PPERM | GLOBAL | Force | Gravity | RelDist | 0 |
| 3 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 3 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 3 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 3 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 11 | ACC_DX | GLOBAL | Force | Gravity | RelDist | 0 |
| 11 | PPERM | GLOBAL | Force | Gravity | RelDist | 0 |
| 11 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 11 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 11 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 11 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 12 | PPERM | GLOBAL | Force | Gravity | RelDist | 0 |
| 12 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 12 | SISMAZ_PP | GLOBAL | Force | Gravity | RelDist | 0 |
| 12 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |
| 12 | SISMAX_PP | GLOBAL | Moment | Y | RelDist | 0 |

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3

| Frame | LoadPat | RelDistB | AbsDistA | AbsDistB | FOverLA | FOverLB | MOverLA |
|-------|----------------|----------|----------|----------|---------|---------|---------|
| | | | m | m | KN/m | KN/m | KN-m/m |
| 10 | PPERM | 1 | 0 | 4,65 | 19,44 | 19,44 | |
| 10 | SISMAZ_PP | 1 | 0 | 4,65 | 12,26 | 12,26 | |
| 10 | SISMAZ_PP | 1 | 0 | 4,65 | 2,9 | 2,9 | |
| 10 | SISMAX_PP | 1 | 0 | 4,65 | | | 29,98 |
| 10 | SISMAX_PP | 1 | 0 | 4,65 | | | 14,96 |
| 4 | BALLAST | 1 | 0 | 1 | 43,2 | 43,2 | |
| 4 | PPERM | 1 | 0 | 1 | 19,44 | 19,44 | |
| 4 | SISMAZ_PP | 1 | 0 | 1 | 12,26 | 12,26 | |
| 4 | SISMAZ_PP | 1 | 0 | 1 | 6,44 | 6,44 | |
| 4 | SISMAZ_PP | 1 | 0 | 1 | 2,9 | 2,9 | |
| 4 | SISMAX_PP | 1 | 0 | 1 | | | 29,98 |
| 4 | SISMAX_PP | 1 | 0 | 1 | | | 14,96 |
| 4 | SISMAX_PP | 1 | 0 | 1 | | | 39,66 |
| 5 | BALLAST | 0,5 | 0 | 1,65 | 43,2 | 43,2 | |
| 5 | BALLAST | 1 | 1,65 | 3,3 | 43,2 | 43,2 | |
| 5 | PPERM | 1 | 0 | 3,3 | 19,44 | 19,44 | |
| 5 | LM71_SX | 1 | 0 | 3,3 | 187,84 | 187,84 | |
| 5 | SISMAZ_PP | 1 | 0 | 3,3 | 12,26 | 12,26 | |
| 5 | SISMAZ_PP | 1 | 0 | 3,3 | 6,44 | 6,44 | |
| 5 | SISMAZ_PP | 1 | 0 | 3,3 | 2,9 | 2,9 | |
| 5 | SISMAZ_LM71_SX | 1 | 0 | 3,3 | 5,6 | 5,6 | |
| 5 | SISMAX_PP | 1 | 0 | 3,3 | | | 29,98 |
| 5 | SISMAX_PP | 1 | 0 | 3,3 | | | 14,96 |
| 5 | SISMAX_PP | 1 | 0 | 3,3 | | | 39,66 |
| 5 | SISMAX_LM71_SX | 1 | 0 | 3,3 | | | 56,8 |
| 6 | BALLAST | 1 | 0 | 0,35 | 43,2 | 43,2 | |
| 6 | PPERM | 1 | 0 | 0,35 | 19,44 | 19,44 | |
| 6 | SISMAZ_PP | 1 | 0 | 0,35 | 12,26 | 12,26 | |
| 6 | SISMAZ_PP | 1 | 0 | 0,35 | 6,44 | 6,44 | |
| 6 | SISMAZ_PP | 1 | 0 | 0,35 | 2,9 | 2,9 | |
| 6 | SISMAX_PP | 1 | 0 | 0,35 | | | 29,98 |
| 6 | SISMAX_PP | 1 | 0 | 0,35 | | | 14,96 |
| 6 | SISMAX_PP | 1 | 0 | 0,35 | | | 39,66 |
| 7 | BALLAST | 1 | 0 | 0,35 | 43,2 | 43,2 | |
| 7 | PPERM | 1 | 0 | 0,35 | 19,44 | 19,44 | |
| 7 | SISMAZ_PP | 1 | 0 | 0,35 | 12,26 | 12,26 | |
| 7 | SISMAZ_PP | 1 | 0 | 0,35 | 6,44 | 6,44 | |
| 7 | SISMAZ_PP | 1 | 0 | 0,35 | 2,9 | 2,9 | |



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Table: Frame Loads - Distributed, Part 2 of 3

| Frame | LoadPat | RelDistB | AbsDistA | AbsDistB | FOverLA | FOverLB | MOverLA |
|-------|----------------|----------|----------|----------|---------|---------|---------|
| | | | m | m | KN/m | KN/m | KN-m/m |
| 7 | SISMAX_PP | 1 | 0 | 0,35 | | | 29,98 |
| 7 | SISMAX_PP | 1 | 0 | 0,35 | | | 14,96 |
| 7 | SISMAX_PP | 1 | 0 | 0,35 | | | 39,66 |
| 8 | BALLAST | 0,5 | 0 | 1,65 | 43,2 | 43,2 | |
| 8 | BALLAST | 1 | 1,65 | 3,3 | 43,2 | 43,2 | |
| 8 | PPERM | 1 | 0 | 3,3 | 19,44 | 19,44 | |
| 8 | LM71_DX | 1 | 0 | 3,3 | 187,84 | 187,84 | |
| 8 | SISMAZ_PP | 1 | 0 | 3,3 | 12,26 | 12,26 | |
| 8 | SISMAZ_PP | 1 | 0 | 3,3 | 6,44 | 6,44 | |
| 8 | SISMAZ_PP | 1 | 0 | 3,3 | 2,9 | 2,9 | |
| 8 | SISMAZ_LM71_DX | 1 | 0 | 3,3 | 5,6 | 5,6 | |
| 8 | SISMAX_PP | 1 | 0 | 3,3 | | | 29,98 |
| 8 | SISMAX_PP | 1 | 0 | 3,3 | | | 14,96 |
| 8 | SISMAX_PP | 1 | 0 | 3,3 | | | 39,66 |
| 8 | SISMAX_LM71_DX | 1 | 0 | 3,3 | | | 56,8 |
| 9 | BALLAST | 1 | 0 | 1 | 43,2 | 43,2 | |
| 9 | PPERM | 1 | 0 | 1 | 19,44 | 19,44 | |
| 9 | SISMAZ_PP | 1 | 0 | 1 | 12,26 | 12,26 | |
| 9 | SISMAZ_PP | 1 | 0 | 1 | 6,44 | 6,44 | |
| 9 | SISMAZ_PP | 1 | 0 | 1 | 2,9 | 2,9 | |
| 9 | SISMAX_PP | 1 | 0 | 1 | | | 29,98 |
| 9 | SISMAX_PP | 1 | 0 | 1 | | | 14,96 |
| 9 | SISMAX_PP | 1 | 0 | 1 | | | 39,66 |
| 1 | PPERM | 1 | 0 | 0,35 | 16,2 | 16,2 | |
| 1 | SISMAZ_PP | 1 | 0 | 0,35 | 12,26 | 12,26 | |
| 1 | SISMAZ_PP | 1 | 0 | 0,35 | 2,41 | 2,41 | |
| 1 | SISMAX_PP | 1 | 0 | 0,35 | | | 29,98 |
| 1 | SISMAX_PP | 1 | 0 | 0,35 | | | 12,47 |
| 2 | PPERM | 1 | 0 | 3,7 | 16,2 | 16,2 | |
| 2 | ACC_SX | 1 | 0 | 3,7 | 54 | 54 | |
| 2 | SISMAZ_PP | 1 | 0 | 3,7 | 12,26 | 12,26 | |
| 2 | SISMAZ_PP | 1 | 0 | 3,7 | 2,41 | 2,41 | |
| 2 | SISMAX_PP | 1 | 0 | 3,7 | | | 29,98 |
| 2 | SISMAX_PP | 1 | 0 | 3,7 | | | 12,47 |
| 3 | PPERM | 1 | 0 | 5,15 | 19,44 | 19,44 | |
| 3 | SISMAZ_PP | 1 | 0 | 5,15 | 12,26 | 12,26 | |
| 3 | SISMAZ_PP | 1 | 0 | 5,15 | 2,9 | 2,9 | |
| 3 | SISMAX_PP | 1 | 0 | 5,15 | | | 29,98 |
| 3 | SISMAX_PP | 1 | 0 | 5,15 | | | 14,96 |
| 11 | ACC_DX | 1 | 0 | 3,7 | 54 | 54 | |
| 11 | PPERM | 1 | 0 | 3,7 | 16,2 | 16,2 | |
| 11 | SISMAZ_PP | 1 | 0 | 3,7 | 12,26 | 12,26 | |
| 11 | SISMAZ_PP | 1 | 0 | 3,7 | 2,41 | 2,41 | |
| 11 | SISMAX_PP | 1 | 0 | 3,7 | | | 29,98 |
| 11 | SISMAX_PP | 1 | 0 | 3,7 | | | 12,47 |
| 12 | PPERM | 1 | 0 | 0,35 | 16,2 | 16,2 | |
| 12 | SISMAZ_PP | 1 | 0 | 0,35 | 12,26 | 12,26 | |
| 12 | SISMAZ_PP | 1 | 0 | 0,35 | 2,41 | 2,41 | |
| 12 | SISMAX_PP | 1 | 0 | 0,35 | | | 29,98 |
| 12 | SISMAX_PP | 1 | 0 | 0,35 | | | 12,47 |

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3

| Frame | LoadPat | MOverLB | GUID |
|-------|-----------|---------|------|
| | | KN-m/m | |
| 10 | PPERM | | |
| 10 | SISMAZ_PP | | |
| 10 | SISMAZ_PP | | |
| 10 | SISMAX_PP | 29,98 | |
| 10 | SISMAX_PP | 14,96 | |
| 4 | BALLAST | | |
| 4 | PPERM | | |
| 4 | SISMAZ_PP | | |
| 4 | SISMAZ_PP | | |
| 4 | SISMAZ_PP | | |
| 4 | SISMAX_PP | 29,98 | |
| 4 | SISMAX_PP | 14,96 | |
| 4 | SISMAX_PP | 39,66 | |
| 5 | BALLAST | | |
| 5 | BALLAST | | |
| 5 | PPERM | | |



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| Frame | LoadPat | MOverLB KN-m/m | GUID |
|-------|----------------|-------------------|------|
| 5 | LM71_SX | | |
| 5 | SISMAZ_PP | | |
| 5 | SISMAZ_PP | | |
| 5 | SISMAZ_PP | | |
| 5 | SISMAZ_LM71_SX | | |
| 5 | SISMAX_PP | 29,98 | |
| 5 | SISMAX_PP | 14,96 | |
| 5 | SISMAX_PP | 39,66 | |
| 5 | SISMAX_LM71_SX | 56,8 | |
| 6 | BALLAST | | |
| 6 | PPERM | | |
| 6 | SISMAZ_PP | | |
| 6 | SISMAZ_PP | | |
| 6 | SISMAZ_PP | | |
| 6 | SISMAX_PP | 29,98 | |
| 6 | SISMAX_PP | 14,96 | |
| 6 | SISMAX_PP | 39,66 | |
| 7 | BALLAST | | |
| 7 | PPERM | | |
| 7 | SISMAZ_PP | | |
| 7 | SISMAZ_PP | | |
| 7 | SISMAZ_PP | | |
| 7 | SISMAX_PP | 29,98 | |
| 7 | SISMAX_PP | 14,96 | |
| 7 | SISMAX_PP | 39,66 | |
| 8 | BALLAST | | |
| 8 | BALLAST | | |
| 8 | PPERM | | |
| 8 | LM71_DX | | |
| 8 | SISMAZ_PP | | |
| 8 | SISMAZ_PP | | |
| 8 | SISMAZ_PP | | |
| 8 | SISMAZ_LM71_DX | | |
| 8 | SISMAX_PP | 29,98 | |
| 8 | SISMAX_PP | 14,96 | |
| 8 | SISMAX_PP | 39,66 | |
| 8 | SISMAX_LM71_DX | 56,8 | |
| 9 | BALLAST | | |
| 9 | PPERM | | |
| 9 | SISMAZ_PP | | |
| 9 | SISMAZ_PP | | |
| 9 | SISMAZ_PP | | |
| 9 | SISMAX_PP | 29,98 | |
| 9 | SISMAX_PP | 14,96 | |
| 9 | SISMAX_PP | 39,66 | |
| 1 | PPERM | | |
| 1 | SISMAZ_PP | | |
| 1 | SISMAZ_PP | | |
| 1 | SISMAX_PP | 29,98 | |
| 1 | SISMAX_PP | 12,47 | |
| 2 | PPERM | | |
| 2 | ACC_SX | | |
| 2 | SISMAZ_PP | | |
| 2 | SISMAZ_PP | | |
| 2 | SISMAX_PP | 29,98 | |
| 2 | SISMAX_PP | 12,47 | |
| 3 | PPERM | | |
| 3 | SISMAZ_PP | | |
| 3 | SISMAZ_PP | | |
| 3 | SISMAX_PP | 29,98 | |
| 3 | SISMAX_PP | 14,96 | |
| 11 | ACC_DX | | |
| 11 | PPERM | | |
| 11 | SISMAZ_PP | | |
| 11 | SISMAZ_PP | | |
| 11 | SISMAX_PP | 29,98 | |
| 11 | SISMAX_PP | 12,47 | |
| 12 | PPERM | | |
| 12 | SISMAZ_PP | | |
| 12 | SISMAZ_PP | | |
| 12 | SISMAX_PP | 29,98 | |
| 12 | SISMAX_PP | 12,47 | |

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Table: Frame Section Assignments

Table: Frame Section Assignments

| Frame | SectionType | AutoSelect | AnalSect | DesignSect | MatProp |
|-------|-------------|------------|-----------------|------------|---------|
| 1 | Tube | N.A. | Scat_270x270x35 | N.A. | Default |
| 2 | Tube | N.A. | Scat_270x270x35 | N.A. | Default |
| 3 | Tube | N.A. | Scat_270x270x35 | N.A. | Default |
| 4 | Tube | N.A. | Scat_270x270x35 | N.A. | Default |
| 5 | Tube | N.A. | Scat_270x270x35 | N.A. | Default |
| 6 | Tube | N.A. | Scat_270x270x35 | N.A. | Default |
| 7 | Tube | N.A. | Scat_270x270x35 | N.A. | Default |
| 8 | Tube | N.A. | Scat_270x270x35 | N.A. | Default |
| 9 | Tube | N.A. | Scat_270x270x35 | N.A. | Default |
| 10 | Tube | N.A. | Scat_270x270x35 | N.A. | Default |
| 11 | Tube | N.A. | Scat_270x270x35 | N.A. | Default |
| 12 | Tube | N.A. | Scat_270x270x35 | N.A. | Default |

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

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

| SectionName | Material | Shape | t3 | t2 | tf | tw |
|-----------------|----------|----------|-----|-----|------|------|
| Scat_270x270x35 | C32/40 | Box/Tube | 2,7 | 2,7 | 0,35 | 0,35 |

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

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

| SectionName | Area | TorsConst | I33 | I22 | I23 | AS2 | AS3 |
|-----------------|------|-----------|----------|----------|-----|------|------|
| Scat_270x270x35 | 3,29 | 4,542256 | 3,095342 | 3,095342 | 0 | 1,89 | 1,89 |

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

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

| SectionName | S33 | S22 | Z33 | Z22 | R33 | R22 | ConcCol |
|-----------------|----------|----------|---------|---------|----------|----------|---------|
| Scat_270x270x35 | 2,292846 | 2,292846 | 2,92075 | 2,92075 | 0,969966 | 0,969966 | No |

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

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

| SectionName | ConcBeam | Color | TotalWt | TotalMass | FromFile | AMod | A2Mod |
|-----------------|----------|-------|----------|-----------|----------|------|-------|
| Scat_270x270x35 | No | Cyan | 2236,539 | 228,06 | No | 1 | 1 |

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

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

| SectionName | A3Mod | JMod | I2Mod | I3Mod | MMod | WMod |
|-----------------|-------|------|-------|-------|------|------|
| Scat_270x270x35 | 1 | 1 | 1 | 1 | 1 | 1 |

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

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

| SectionName | GUID | Notes |
|-----------------|------|---------------------------|
| Scat_270x270x35 | | Added 01/01/2018 00:02:09 |

Table: Frame Spring Assignments

Table: Frame Spring Assignments

| Frame | Type | Stiffness | SimpleType | Dir1Type | Dir |
|-------|--------|-----------|-------------------------|-------------|-----|
| 10 | Simple | 15500 | Tension and Compression | Object Axes | 2 |
| 4 | Simple | 15500 | Tension and Compression | Object Axes | 2 |
| 5 | Simple | 15500 | Tension and Compression | Object Axes | 2 |
| 6 | Simple | 15500 | Tension and Compression | Object Axes | 2 |
| 7 | Simple | 15500 | Tension and Compression | Object Axes | 2 |
| 8 | Simple | 15500 | Tension and Compression | Object Axes | 2 |
| 9 | Simple | 15500 | Tension and Compression | Object Axes | 2 |
| 1 | Simple | 15500 | Tension and Compression | Object Axes | 2 |
| 2 | Simple | 15500 | Tension and Compression | Object Axes | 2 |

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Table: Frame Spring Assignments

| Frame | Type | Stiffness KN/m/m | SimpleType | Dir1Type | Dir |
|-------|--------|---------------------|-------------------------|-------------|-----|
| 3 | Simple | 15500 | Tension and Compression | Object Axes | 2 |
| 11 | Simple | 15500 | Tension and Compression | Object Axes | 2 |
| 12 | Simple | 15500 | Tension and Compression | Object Axes | 2 |

Table: Joint Coordinates, Part 1 of 2

Table: Joint Coordinates, Part 1 of 2

| Joint | CoordSys | CoordType | XorR m | Y m | Z m | SpecialJt | GlobalX m |
|-------|----------|-----------|-----------|--------|--------|-----------|--------------|
| 1 | GLOBAL | Cartesian | -13,85 | 0 | 0 | Yes | -13,85 |
| 2 | GLOBAL | Cartesian | -13,5 | 0 | 0 | No | -13,5 |
| 3 | GLOBAL | Cartesian | -9,8 | 0 | 0 | No | -9,8 |
| 4 | GLOBAL | Cartesian | -4,65 | 0 | 0 | Yes | -4,65 |
| 5 | GLOBAL | Cartesian | -3,65 | 0 | 0 | Yes | -3,65 |
| 6 | GLOBAL | Cartesian | -0,35 | 0 | 0 | Yes | -0,35 |
| 7 | GLOBAL | Cartesian | 0 | 0 | 0 | Yes | 0 |
| 8 | GLOBAL | Cartesian | 0,35 | 0 | 0 | Yes | 0,35 |
| 9 | GLOBAL | Cartesian | 3,65 | 0 | 0 | Yes | 3,65 |
| 10 | GLOBAL | Cartesian | 4,65 | 0 | 0 | Yes | 4,65 |
| 11 | GLOBAL | Cartesian | 9,3 | 0 | 0 | Yes | 9,3 |
| 12 | GLOBAL | Cartesian | 13 | 0 | 0 | No | 13 |
| 13 | GLOBAL | Cartesian | 13,35 | 0 | 0 | Yes | 13,35 |

Table: Joint Coordinates, Part 2 of 2

Table: Joint Coordinates, Part 2 of 2

| Joint | GlobalY m | GlobalZ m | GUID |
|-------|--------------|--------------|------|
| 1 | 0 | 0 | |
| 2 | 0 | 0 | |
| 3 | 0 | 0 | |
| 4 | 0 | 0 | |
| 5 | 0 | 0 | |
| 6 | 0 | 0 | |
| 7 | 0 | 0 | |
| 8 | 0 | 0 | |
| 9 | 0 | 0 | |
| 10 | 0 | 0 | |
| 11 | 0 | 0 | |
| 12 | 0 | 0 | |
| 13 | 0 | 0 | |

Table: Joint Loads - Force, Part 1 of 2

Table: Joint Loads - Force, Part 1 of 2

| Joint | LoadPat | CoordSys | F1 KN | F2 KN | F3 KN | M1 KN-m | M2 KN-m |
|-------|-----------|----------|----------|----------|----------|------------|------------|
| 13 | SISMAZ_PP | GLOBAL | 0 | 0 | 0 | 0 | 39,5 |
| 11 | PP | GLOBAL | 0 | 0 | -42,53 | 0 | 0 |
| 11 | PP | GLOBAL | 0 | 0 | -8,1 | 0 | 0 |
| 1 | SISMAZ_PP | GLOBAL | 0 | 0 | 0 | 0 | 39,5 |
| 2 | PP | GLOBAL | 0 | 0 | -18,9 | 0 | 0 |
| 3 | PP | GLOBAL | 0 | 0 | -8,1 | 0 | 0 |
| 12 | PP | GLOBAL | 0 | 0 | -18,9 | 0 | 0 |

Table: Joint Loads - Force, Part 2 of 2

Table: Joint Loads - Force, Part 2 of 2

| Joint | LoadPat | M3 KN-m | GUID |
|-------|-----------|------------|------|
| 13 | SISMAZ_PP | 0 | |
| 11 | PP | 0 | |
| 11 | PP | 0 | |
| 1 | SISMAZ_PP | 0 | |
| 2 | PP | 0 | |
| 3 | PP | 0 | |
| 12 | PP | 0 | |

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Table: Load Case Definitions, Part 1 of 3

Table: Load Case Definitions, Part 1 of 3

| Case | Type | InitialCond | ModalCase | BaseCase | MassSource | DesTypeOpt | DesignType |
|--------------------|-----------|-------------|-----------|----------|------------|------------|------------|
| PP | LinStatic | Zero | | | | Prog Det | Dead |
| PPERM | LinStatic | Zero | | | | Prog Det | Dead |
| BALLAST | LinStatic | Zero | | | | Prog Det | Dead |
| LM71_SX | LinStatic | Zero | | | | Prog Det | Live |
| LM71_DX | LinStatic | Zero | | | | Prog Det | Live |
| ACC_SX | LinStatic | Zero | | | | Prog Det | Live |
| ACC_DX | LinStatic | Zero | | | | Prog Det | Live |
| SERP_SX | LinStatic | Zero | | | | Prog Det | Live |
| SERP_DX | LinStatic | Zero | | | | Prog Det | Live |
| SISMAX_PP | LinStatic | Zero | | | | Prog Det | Live |
| SISMAZ_PP | LinStatic | Zero | | | | Prog Det | Live |
| SISMAX_LM71_S X | LinStatic | Zero | | | | Prog Det | Live |
| SISMAX_LM71_D X | LinStatic | Zero | | | | Prog Det | Live |
| SISMAZ_LM71_S X | LinStatic | Zero | | | | Prog Det | Live |
| SISMAZ_LM71_D X | LinStatic | Zero | | | | Prog Det | Live |

Table: Load Case Definitions, Part 2 of 3

Table: Load Case Definitions, Part 2 of 3

| Case | DesActOpt | DesignAct | AutoType | RunCase | CaseStatus | GUID |
|--------------------|-----------|-------------------------|----------|---------|------------|------|
| PP | Prog Det | Non-Composite | None | Yes | Finished | |
| PPERM | Prog Det | Non-Composite | None | Yes | Finished | |
| BALLAST | Prog Det | Non-Composite | None | Yes | Finished | |
| LM71_SX | Prog Det | Short-Term Composite | None | Yes | Finished | |
| LM71_DX | Prog Det | Short-Term Composite | None | Yes | Finished | |
| ACC_SX | Prog Det | Short-Term Composite | None | Yes | Finished | |
| ACC_DX | Prog Det | Short-Term Composite | None | Yes | Finished | |
| SERP_SX | Prog Det | Short-Term Composite | None | Yes | Finished | |
| SERP_DX | Prog Det | Short-Term Composite | None | Yes | Finished | |
| SISMAX_PP | Prog Det | Short-Term Composite | None | Yes | Finished | |
| SISMAZ_PP | Prog Det | Short-Term Composite | None | Yes | Finished | |
| SISMAX_LM71_S X | Prog Det | Short-Term Composite | None | Yes | Finished | |
| SISMAX_LM71_D X | Prog Det | Short-Term Composite | None | Yes | Finished | |
| SISMAZ_LM71_S X | Prog Det | Short-Term Composite | None | Yes | Finished | |
| SISMAZ_LM71_D X | Prog Det | Short-Term Composite | None | Yes | Finished | |

Table: Load Case Definitions, Part 3 of 3

Table: Load Case Definitions, Part 3 of 3

| Case | Notes |
|--------------------|-------|
| PP | |
| PPERM | |
| BALLAST | |
| LM71_SX | |
| LM71_DX | |
| ACC_SX | |
| ACC_DX | |
| SERP_SX | |
| SERP_DX | |
| SISMAX_PP | |
| SISMAZ_PP | |
| SISMAX_LM71_S X | |
| SISMAX_LM71_D X | |
| SISMAZ_LM71_S X | |

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Table: Load Case Definitions, Part 3 of 3

| Case | Notes |
|--------------------|-------|
| SISMAZ_LM71_D X | |

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

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

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

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 |
|----------|----------------|----------------|----------|------------|-----------|----------|-------|------------|
| C32/40 | KN/m2 32000 | KN/m2 32000 | No | Mander | Takeda | 0,001919 | 0,005 | -0,1 |

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

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

| Material | FAngle | DAngle |
|----------|--------------|--------------|
| C32/40 | Degrees 0 | Degrees 0 |