

Priedas NR. 4

# TECHNINIS PROJEKTAS


## Sandėliavimo paskirties pastato Kauno g. 61, Ukmergėje, Ukmergės r. sav., statybos projektas

### INŽINERINIAI SKAIČIAVIMAI

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## 1 Įvadas

Sandėliavimo paskirties pastato Kauno g. 61, Ukmergėje, Ukmergės r. sav., statybos projektas.

Statinio konstrukcijų dalies projektą apima:

- sandėliavimo paskirties statinio projektavimas.

Suprojektuotų statinių pasekmių klasė pagal STR 2.05.03:2003 yra CC2.

Suprojektuotų statinių patikimumo klasė pagal STR 2.05.03:2003 yra RC2.

Suprojektuotų statinių skaičiuotinis eksploatacijos laikotarpis pagal STR 2.05.03:2003 yra 50 metų.

Suprojektuotų statinių rūšis pagal naudojimo paskirtį pagal STR 1.01.03:2017 yra negyvenamasis.

Suprojektuoti statiniai pagal STR 1.01.03:2017 priklauso neypatingų statinių kategorijai.

Statinio projekto konstrukcijų dalies projektiniai sprendimai atitinka projekto rengimo dokumentus ir esminius statinio reikalavimus.

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## 2 Sandėliavimo pastatas

### 2.1 Sandėliavimo paskirties pastato skaičiuotinio modelio aprašymas ir pagrindiniai duomenys

Skaičiavimo objektas – sandėliavimo paskirties pastatas.

Projektuojamų konstrukcijų aprašymas:

Statinys – 1 a. Sandėlis su pakrovimo zonos priestatu. Sandėlis stačiakampio formos plane, stogas plokščias, nuolydis į vieną kryptį:  $i=1,5$  laipsnių. Matmenys:  $L \times B \times H=49,0 \times 18,0 \times 9,0$  m. Konstrukcinė schema – karkasinė.

Priestatas stačiakampio formos plane, stogas vienslaitis, nuolydis:  $i=6$  laipsniai. Matmenys:  $L \times B \times H=4,6 \times 5,0 \times 5,5$  m. Konstrukcinė schema – karkasinė.

Pamatai gelžbetoniniai poliniai CFA (betonas C25/30/XC2, armatūra B500B). Cokolio plokštės gelžbetoninės surenkamos trisluoksnės (betonas C35/45/XC4/XD1/XF2, armatūra B500B). Grindys gelžbetoninės pagal besiulę technologiją ant sutankinto pagrindo (betonas C30/37/XC3/XM1, armuota fibromis, apildomai plienine armatūra B500B). Dėl technologinių reikalavimų grindys sudalintos į 2 deformacinius blokus per vidurį. Deformacinė siūlė suformuota su specialiomis apkrovas laikančiomis detalėmis kurios leidžia deformacijas horizontalia kryptimi. Pastato laikančiojo karkaso konstrukcijos gelžbetoninės ir plieninės. Kolonos surenkamos gelžbetoninės (betonas C40/50/XC1, armatūra B500B). Kolonos į pamatus tvirtinamos standžiai per inkarinius varžtus. Stogas iš plieninių kolonų ir sijų (S355). Stogo konstrukcijos į kolonas jungiasi lanksčiai. Pastato pastovumą ir stabilumą užtikrina plieniniai ryšiai sienose ir stoge, kurie į kolonas jungiasi lanksčiai. Stogas perdengtas profiliuotais plieniniais apkrovas laikančiais lakštais. Stogas šiltinamas PIR plokštėmis, o sienos „sandwich“ panelėmis.

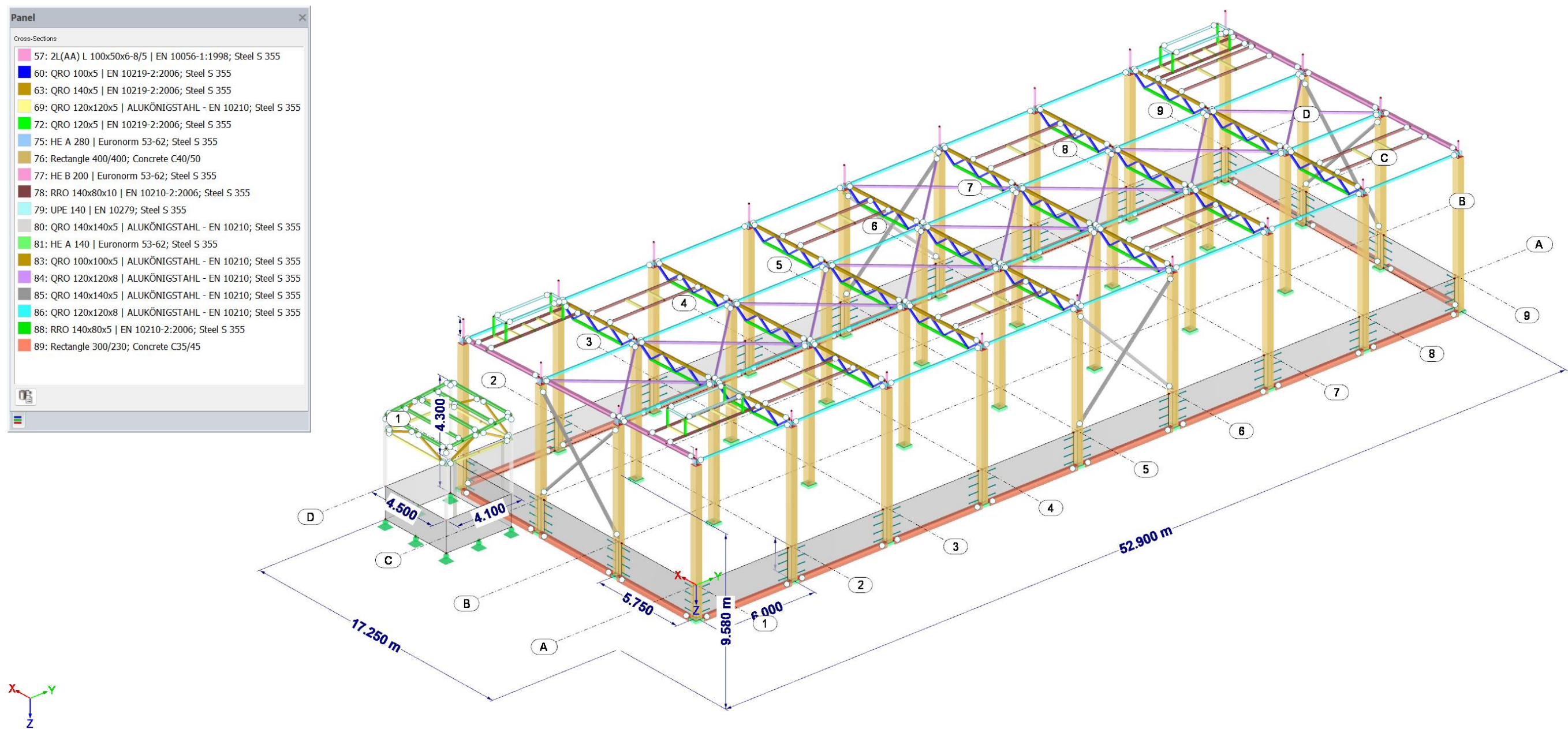
Priestatas - pakrovimo zona iš plieninių sijų ir kolonų. Pastovumą ir standumą užtikrina ryšiai. Rostverkas gelžbetoninis monolitinis (betonas C30/37/XC2, armatūra B500B). Rostverkas remiasi į CFA polius (betonas C25/30/XC2, armatūra B500B). Stogas ir sienos šiltinamos „sandwich“ panelėmis.

Sandėlis ir jo priestatas (pakrovimo zona) atskirti vienas nuo kito per deformacinį tarpą ir tarpusavyje nėra niekaip sujungti.

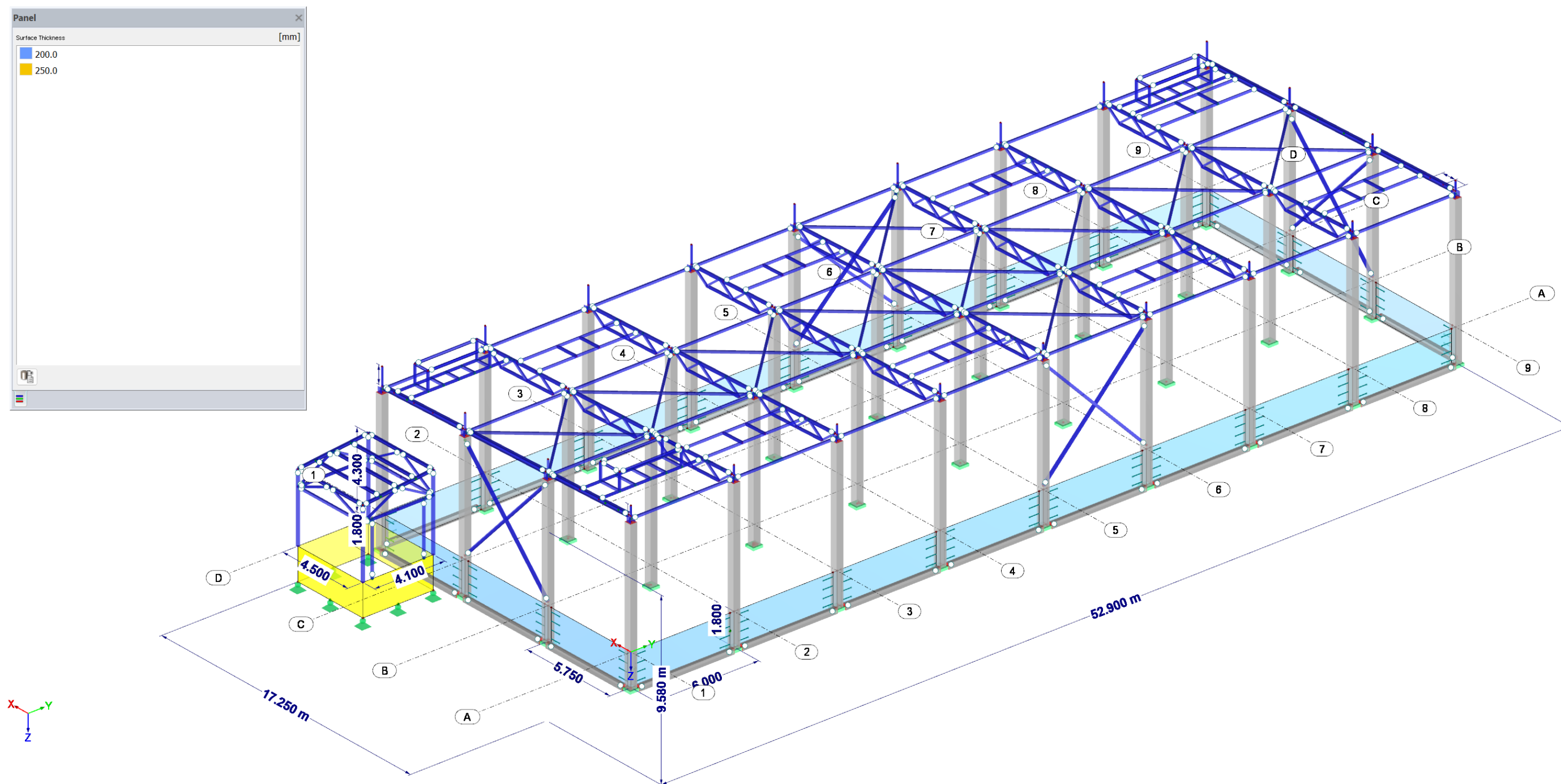
Pagal gaisrininės projekto dalies užduotį denginio konstrukcijoms nėra keliami reikalavimai ugniaatsparumui. Pastato stabilumą ir pastovumą gaisro metu užtikrina kolonos, įtvirtintos standžiai į pamatus bei sienų ryšiai. Šiems konstrukciniams elementams yra keliamas ugniaatsparumo reikalavimas R120. Gelžbetoninių kolonų atsparumas pasiekamas per apsauginį betono sluoksnį, plieninių konstrukcijų – dengiant specialiomis padidinto gaisrinio atsparumo gipso plokštėmis (žr. TS). Kitos plieninės konstrukcijos dažomos dažais, kaip nurodyta projekte.

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2.2 Pastato skaičiuojamoji schema



2.1 pav. Skaičiuojamoji schema – strypinių elementų standumai



2.2 pav. Skačiuojamoji schema – plokštinių elementų standumai

## 2.3 Poveikiai ir apkrovos

Statinio atsakingumo klasės koeficientas  $\gamma_n = 1,0$ .

Skaičiavimuose priimtos apkrovos bei jų poveikiai:

LC1 – savas konstrukcijų svoris

LC2 – sluoksnių ir gruntų apkrovos

LC3 – naudojimo apkrovos

LC4 – sniego apkrovos (visas)

LC5 – vėjo apkrovos 1y+ kryptimi (spaudimas)

LC6 – vėjo apkrovos 2y- kryptimi (spaudimas)

### 2.3.1 Nuolatinės apkrovos

Eil. nr.	Nuolatinės apkrovos	Charakt.	Koef.	Skaič.
1	<b>Stogo konstrukcija</b>		1,35	
	neeksplotuojamas (det ST-1):	0,25 (kPa)		0.34(kPa)
	neeksplotuojamas (det ST-2):	0,15 (kPa)		0.20(kPa)
2	<b>Sienų konstrukcija</b>			
	Atitvarinės sienos (det SN-1):	0.15 (kPa)		0.20 (kPa)

Stogo konstrukcijos det. **ST-1**:

Pavadinimas	Eil. Nr.	Tankis, kN/m <sup>3</sup>	Storis (vidurkis), m	Apkrova, kPa	Medžiagos	Vieta
ST-1	1	-	-	0,02	PVC hidroizoliacija+klijai	Sandėlio stogas
	2	0,35	0,14	0,05	PIR šiltinimo sl.+klijai	
	3	0,35	0,07	0,03	PIR nuolydžių sl. (t=0,02-0,12)	
	4	-	-	0,01	Garo izoliacija	
	5	-	-	0,14	TRP paklotas	
				<b>0,25</b>	<b>kPa</b>	

Stogo konstrukcijos det. **ST-2**:

Pavadinimas	Eil. Nr.	Tankis, kN/m <sup>3</sup>	Storis (vidurkis), m	Apkrova, kPa	Medžiagos	Vieta
ST-2	1	-	0,16	0,15	„Sandwich“ pl. su PIR užpildu	Pakrovimo zonos stogas
				<b>0,15</b>	<b>kPa</b>	



Sienos konstrukcijos det. **SN-1**:

Pavadinimas	Eil. Nr.	Tankis, kN/m <sup>3</sup>	Storis (vidurkis), m	Apkrova, kPa	Medžiagos	Vieta
SN-1	1	-	0,16	0,15	„Sandwich“ pl. su PIR užpildu	Sandėlio ir pakrovimo zonos sienos
				<b>0,15</b>	<b>kPa</b>	

Nuosavas laikančiųjų konstrukcijų tūrinis svoris:

Gelžbetoninių konstrukcijų:

$$\gamma_b = 25 \text{ kN/m}^3;$$

Plieninių konstrukcijų:

$$\gamma_p = 78,5 \text{ kN/m}^3;$$

Grunto slėgio apkrovos

Nuolatinės grunto slėgio apkrovos pateikiamos kaip slėgis į sienas. Apkrovos parinktos pagal LST EN 1991-1-1.

Grunto slėgio pasiskirstymas į sienas pagal gylį yra tiesinis.

Nuosavas grunto tūrinis svoris:

$$\gamma_g = 20,0 \text{ kN/m}^3;$$

Grunto slėgis į cokolio konstrukciją ties viršumi ir dugnu:

$$G_{k1(gr)} = 0,0 \text{ kPa};$$

$$G_{k2(gr)} = K_a \cdot t_2 \cdot \gamma_s = 0,271 \cdot 1,80 \cdot 20 = 9,8 \text{ kPa};$$

Aktyvaus slėgio koeficientas:

$$K_a = \frac{1 - \sin(\varphi^\circ)}{1 + \sin(\varphi^\circ)} = \frac{1 - \sin(35^\circ)}{1 + \sin(35^\circ)} = 0,271;$$

Grunto laisvasis byrėjimo kampas (pagal LST EN 1991-1-1 A7 lent.):

$$\varphi = 35.$$

Grunto slėgis į vertikalius paviršius

Eil. nr.	Nuolatinės apkrovos	Charakt.	Koef.	Skaič.
1	<b>Grunto slėgis į cokolį</b>	(0,0-9,8) (kPa)	1,35	(0,0-13,2) (kPa)

### 2.3.2 Kintamos apkrovos

Kintamos apkrovos susideda iš naudojimo, vėjo, sniego, transporto slėgio poveikių. Kintamos apkrovos parinktos pagal LST EN 1991-1-1 pateikiamus duomenis.

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Naudojimo apkrovos į konstrukcijas parinktos pagal LST EN 1991-1-1 (6.1 lent). Reikšmės pateiktos lentelėje.

Eil. nr.	Kintamos apkrovos	Charakt.	Koef.	Skaič.
1	<b>Naudojimo apkrovos</b>		1,3	
	Sandėliavimo apkr. (pagal PU)	20,0 (kPa)		26,0 (kPa)
2	<b>Technologinės apkrovos</b>			
	Vamzdynai, ortakiai, šviestuvai, lubos	0,40 (kPa)		0,52 (kPa)
	Saulės kolektoriai (pagal PU)	0,30 (kPa)		0,52 (kPa)
	ŠVOK apkrovos ant stogo rėmų	2,00 (kPa)		2,60 (kPa)

\*Transporto apkrova vertinta toms situacijoms, kur transportas gali užvažiuoti ant grindų konstrukcijos. Taip pat vertintas galimas transporto sukeltas slėgis į grunte esančias vertikalias konstrukcijas – cokolio plokštes ir rostverkus. PU nurodyta šakinio keltuvo kategorija FL3.

Charakteristinis nuo FL 3 klasės keltuvo vieno rato ploto grindims tenkantis slėgis (LST EN 1991-1-1 (6.6 lent.)):

$$q_{k,din}(keltuvo) = \varphi \cdot Q_k / (2 \cdot A) = 1,4 \cdot 63 / 2 \cdot 0,04 = 1764 \text{ kPa};$$

čia:

$\varphi = 1,4$  - dinaminis apkrovos koeficientas, kai padangos pneumatinės;

$A = b \cdot b = 0,2 \cdot 0,2 = 0,04 \text{ m}^2$  – vienos padangos plotas;

$Q_k = 63 \text{ kN}$ ; (FL 3) – šakinio keltuvo ašies apkrova.

$a = 1,0 \text{ m}$ ; (FL 3) – šakinio keltuvo ašies plotis.

Skaičiavimuose pateikta vienos ašies  $Q_k=63 \text{ kN}$  apkrova į grindis, paskirstyta per du  $0,2 \times 0,2 \text{ m}$  ratų plotus, pridėtus per ašies plotį  $a=1,0 \text{ m}$ .

Ekvivalentinis šakinio keltuvo slėgis perduodamas į dangos paviršių per keltuvo užimamą plotą:

$$q_{k,din.BxL} = Q_k / (BxL) = 63 / (1,3 \cdot 3,4) = 20 \text{ kPa};$$

čia:

$\varphi = 1,4$  - dinaminis apkrovos koeficientas;

Transporto apkrovos į horizontalius paviršius

Eil. nr.	Kintamos apkrovos	Charakt.	Koef.	Skaič.
1	Transporto priekrovos slėgis	20,0 (kPa)	1,30	26,0 (kPa)

Transporto (priekrovos) slėgis į cokolio plokštę ar rostverką (stačiakampis pasiskirstymas per konstrukcijos aukštį):

$$T_{k1} = K_a \cdot T_{tr} = 0,271 \cdot 20,0 = 5,4 \text{ kPa};$$

Transporto apkrovos į vertikalius paviršius per gruntą

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Eil. nr.	Kintamos apkrovos	Charakt.	Koef.	Skaič.
1	Transporto priekrovos slėgis į vertikalius paviršius – cokolius ir rostverkus	5,4 (kPa)	1,30	7,0 (kPa)

### 2.3.3 Sniego apkrovos

Sniego apkrovos skaičiuotos pagal LST EN 1991-1-3.

Sniego apkrovos į stogo horizontaliąją projekciją charakteristinė reikšmė nustatoma pagal formulę:

$$s = \mu \cdot C_e \cdot C_t \cdot s_k = 1,0 \cdot 1,0 \cdot 1,0 \cdot 1,6 = 1,6 \text{ kPa};$$

čia:

$s_k$  – sniego dangos ant 1 m<sup>2</sup> horizontaliojo žemės paviršiaus svorio charakteristinė reikšmė;

$s_k = 1,6 \text{ kPa}$  – Ukmergė (II-as sniego apkrovos rajonas);

$C_e = 1,0$  – atodangos koeficientas;

$C_t = 1,0$  – terminis koeficientas, priklausantis nuo energijos nuostolių per stogą ar kitos terminės įtakos.

$\mu_i$  – stogo sniego apkrovos formos koeficientas (išskyrus zonas kur galimos sniego sankaupos), žr. LST EN 1991-1-3 (B3 B2 pav. ir B1 lent.)

Kadangi stogas plokščias, sniego apkrovos pasiskirstymas yra tolygus:

$\mu_1 = 1,0$ ; - visu plotu tolygiai;

Sniego apkrovos ties parapetais nustatoma pagal LST EN 1991-1-3 (B4) reikalavimus:

$$\mu_1 = 2h/s_k = 2 \cdot 0,8/1,6 = 1,6 \text{ kPa};$$

$h = 0,8 \text{ m}$  – parapeto aukštis.

Kadangi sniego sankaupos sandėliui neviršija charakteristinės sniego reikšmės stogui, sankaupų efektas nevertinamas. Priimta, kad visas sniegas ant stogo pasiskirsto tolygiai.

Ant pakrovimo priestato stogo, prisišliejusio arti sandėlio, kurio konstrukcija yra aukštesnė, tikėtina susidarys sniego sankaupos.

Ant stoginių susidarysiančių sniego sankaupų reikšmės skaičiuojamos pagal LST EN 1991-1-3 (B4 priedą). Žr. LST EN 1991-1-3 B3 pav.

Kai stogelis išsikišęs ne daugiau nei 5 m nuo pastato:

$$\mu_1 = 0,8;$$

$$\mu_2 = 0,8 + 0,8 \cdot \alpha/30 = 0,8;$$

$$\mu_3 = \min\left(\frac{2h}{s_k}; \frac{2b}{l_s}; 8\right) = \min\left(\frac{2 \cdot 3,0}{1,6}; \frac{2 \cdot 49}{5,0}; 8\right) = 3,75;$$

$$l_s = \min(5h; b_1; 15) = \min(5 \cdot 3,0; 5,0; 15) = 5,0 \text{ m}; - \text{ sąnašos (pusnies ilgis)};$$

$$b = \max(b_1; b_2) = \min(5,0; 49) = 49 \text{ m};$$

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$b_1 = 5,0 \text{ m}$  – stogelio plotis;

$b_2 = 49 \text{ m}$  – pastato plotis;

$h = 3,0 \text{ m}$  – aukštis nuo stoginės iki pastato stogo.

Sniego apkrova į priestato stogą:

$$s_1 = \mu_1 \cdot C_e \cdot C_t \cdot s_k = 0,8 \cdot 1,0 \cdot 1,0 \cdot 1,6 = 1,28 \text{ kPa};$$

$$s_2 = \mu_2 \cdot C_e \cdot C_t \cdot s_k = 0,8 \cdot 1,0 \cdot 1,0 \cdot 1,6 = 1,28 \text{ kPa};$$

$$s_3 = \mu_3 \cdot C_e \cdot C_t \cdot s_k = 3,75 \cdot 1,0 \cdot 1,0 \cdot 1,6 = 6,00 \text{ kPa}.$$

Sniego skaičiavimų rezultatų reikšmės pateiktos lentelėje.

Eil. nr.	Kintamos apkrovos	Charakt.	Koe f.	Skaič.
1	<b>Sniego apkrovos</b>		1,3	
	Apkrova ant plokščiojo sandėlio stogo (visu plotu ant sandėlio stogo)	1,60 (kPa)		2,08 (kPa)
	Apkrova ant pakrovimo rampos priestato vienslaičio stogo (sniego maišas)	1,28-6,00 (kPa)		1,66-7,80 (kPa)

### 2.3.4 Vėjo apkrovos

Vėjo apkrova apskaičiuota pagal LST EN 1991-1-4:2005 pateiktus nurodymus. Statinys priklauso I-ajam vėjo apkrovos rajonui, svarbiausioji pagrindinio vėjo greičio reikšmė  $v_{b,0} = 24 \text{ m/s}$ . Statinys statomas teritorijoje, kuri pagal LST EN 1991-1-4:2005 4.1 lentelės ir A1 priedo duomenis priskiriama II-ai kategorijai. Išorinio vėjo slėgio koeficiento reikšmės nustatytos pagal LST EN 1991-1-4:2005 7.16 paveiksle pateiktas schemas ir 7.6 lentelės duomenis.

Vėjo apkrovų skaičiavimas į sandėlio atitvarines konstrukcijas.

Pagrindinis vėjo greitis apskaičiuotas pagal LST EN 1991-1-4 pateikiamą išraišką:

$$v_b = c_{dir} \cdot c_{season} \cdot v_{b,0} = 1,0 \cdot 1,0 \cdot 24 = 24 \text{ m/s},$$

čia:

$v_b$  - pagrindinis vėjo greitis apibrėžtas kaip vėjo krypties ir metų laiko funkcija, vėjui pučiant 10 m aukštyje virš I kategorijos vietovės žemės paviršiaus;

$c_{dir}$  - krypties koeficientas, rekomenduojama reikšmė  $c_{dir} = 1,0$ ;

$c_{season}$  - metų laikų koeficientas, rekomenduojama reikšmė  $c_{season} = 1,0$ ;

$v_b(0)$  - svarbiausioji pagrindinio vėjo greičio reikšmė be aukščio poveikio (I-iajame Lietuvos vėjų greičių rajone  $c_b(0) = 24 \text{ m/s}$ ;

Vidutinis vėjo greitis  $v_m(z)$  virš vietovės aukštyje  $z$ , priklausantis nuo vietovės šiurkštumo ir kalvotumo bei nuo pagrindinio vėjo greičio  $v_b$  nustatytas pagal išraišką:

$$v_m(z) = c_r(z) \cdot c_0(z) \cdot v_b = 0,987 \cdot 1,0 \cdot 24 = 23,68 \text{ m/s},$$

čia:

$c_0(z)$ - kalvotumo koeficientas, imamas  $c_0(z) = 1,0$ ;

$c_r(z)$  - šiurkštumo koeficientas, įvertinantis vėjo kitimą vietovėje dėl pastato aukščio virš žemės paviršiaus  $z$  ir žemės paviršiaus šiurkštumo, apskaičiuotas pagal išraišką:

$$c_r(z) = k_r \cdot \ln\left(\frac{z}{z_0}\right) = 0,987, \text{ kai } z_{\min} \leq z = 9,0 \text{ m} \leq z_{\max};$$

$$c_r(z) = c_r(z_{\min}) = k_r \cdot \ln\left(\frac{z_{\min}}{z_0}\right), \text{ kai } z < z_{\min};$$

$$c_r(z) = k_r \cdot \ln\left(\frac{z}{z_0}\right), \text{ kai } z > z_{\min};$$

čia:

$z_0$  - šiurkščiojo ruožo ilgis, imamas iš LST EN 1991-1-4 4.1 lentelės, I vietovės kategorijai  $z_0 = 0,05$ ;

$z_{\min}$  - mažiausias aukštis, imamas iš LST EN 1991-1-4 4.1 lentelės, II vietovės kategorijai  $z_{\min} = 2,0$ ;

$$z_{\max} = 200 \text{ m};$$

$k_r$  - vietovės koeficientas, priklausantis nuo šiurkščiojo ruožo ilgio  $z_0$  ir nuo II kategorijos vietovės šiurkščiojo ruožo ilgio  $z_{0,II} = 0,05$ :

$$k_r = 0,19 \left(\frac{z_0}{z_{0,II}}\right)^{0,07} = 0,19 \left(\frac{0,05}{0,05}\right)^{0,07} = 0,190;$$

čia:

$z_0 = 0,05$  - pagal antrą vietovės kategoriją.

Turbulencijos intensyvumas  $l_v(z)$  aukštyje  $z$  apskaičiuotas pagal formules:

$$l_v(z) = \frac{k_1}{c_0(z) \cdot \ln\left(\frac{z}{z_0}\right)} = 0,193, \text{ kai } z_{\min} \leq z \leq z_{\max};$$

$$l_v(z) = l_v(z_{\min}), \text{ kai } z < z_{\min};$$

čia:

$k_1$  - turbulencijos koeficientas, kurio rekomenduojama reikšmė  $k_1 = 1,0$ .

Viršūninis vėjo greičio slėgis  $q_p(z)$  apskaičiuotas pagal išraišką:

$$q_p(z) = [1 + 7 \cdot l_v(z)] \cdot \frac{1}{2} \cdot \rho \cdot v_m^2(z) = (1 + 7 \cdot 0,193) \cdot \frac{1}{2} \cdot 1,25 \cdot 23,68^2 = 823 \text{ N/m}^2 = 0,823 \text{ kN/m}^2,$$

čia:

$\rho = 1,25 \text{ kg/m}^3$  - oro tankis;

Vėjo slėgis  $w_e$  veikiantis išorinius paviršius skaičiuojamas pagal LST EN 1991-1-4 5.1 išraišką:

$$w_e = q_p(z) \cdot c_{pe};$$

čia:

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	12	267	0

$q_p(z)$  - viršūninio greičio slėgis;

$z_e$  - išorinio slėgio atskaitos aukštis LST EN 1991-1-4 7.4 pav.;

$c_{pe}$  - išorinio slėgio koeficientai LST EN 1991-1-4.

Paviršiaus slėgio koeficientai ir slėgiai į sienų paviršius pateikti lent.

Vėjo slėgio skaičiavimas pagal paviršių pasiskirstymą 1 variantas (vėjas pučia į 49 m sieną)						
$e=\min\{L, 2h\} =$		18	$m >$	$d=B$	18	m
<b>Variantas kai <math>e \leq d</math></b>	$h/d=$	0.500	priimta, kad $h/d=1$			
Parenkamos $c_{pe,10}$ reikšmės						
A paviršius	$c_{pe,10}, A =$	-1.2				
B paviršius	$c_{pe,10}, B =$	-0.8				
C paviršius	$c_{pe,10}, C =$	-0.5				
D paviršius	$c_{pe,10}, D =$	0.8				
E paviršius	$c_{pe,10}, E =$	-0.5				
Charakteristinė vėjo apkrova į pastato sienų paviršius						
A paviršius	$w_e, A =$	-0.987	kN/m <sup>2</sup>			
B paviršius	$w_e, B =$	-0.658	kN/m <sup>2</sup>			
C paviršius	$w_e, C =$	-0.411	kN/m <sup>2</sup>			
D paviršius	$w_e, D =$	0.658	kN/m <sup>2</sup>			
E paviršius	$w_e, E =$	-0.411	kN/m <sup>2</sup>			

Paviršiaus slėgio koeficientai ir slėgiai į sienų paviršius pateikti lent.

Vėjo slėgio skaičiavimas pagal paviršių pasiskirstymą 2 variantas (vėjas pučia į 18 m sieną)						
$e=\min\{B, 2h\} =$		18	$m <$	$d=L$	49.0	m
<b>Variantas kai <math>e \leq d</math></b>	$h/d=$	0.184	priimta, kad $h/d=0,25$			
Parenkamos $c_{pe,10}$ reikšmės						
A paviršius	$c_{pe,10}, A =$	-1.2				
B paviršius	$c_{pe,10}, B =$	-0.8				
C paviršius	$c_{pe,10}, C =$	-0.5				
D paviršius	$c_{pe,10}, D =$	0.7				
E paviršius	$c_{pe,10}, E =$	-0.3				
Charakteristinė vėjo apkrova į pastato sienų paviršius						
A paviršius	$w_e, A =$	-0.987	kN/m <sup>2</sup>			
B paviršius	$w_e, B =$	-0.658	kN/m <sup>2</sup>			
C paviršius	$w_e, C =$	-0.411	kN/m <sup>2</sup>			
D paviršius	$w_e, D =$	0.576	kN/m <sup>2</sup>			
E paviršius	$w_e, E =$	-0.247	kN/m <sup>2</sup>			

Paviršiaus slėgio koeficientai ir slėgiai į parapetų paviršius pateikti lent.

Vėjo slėgio skaičiavimas pagal paviršių pasiskirstymą 1 variantas (vėjas pučia į 49 m sieną)							
$e=\min\{L, 2h\} =$		18	$m >$	$d=B$	18	$m$	
<b>Variantas kai <math>e \leq d</math></b>	$h/d=$	0.500	priimta, kad $h/d=0,5$				
Parenkamos $c_{p,net}$ reikšmės							
A paviršius	$c_{p,net}, A =$	3.4					
B paviršius	$c_{p,net}, B =$	2.1					
C paviršius	$c_{p,net}, C =$	1.7					
D paviršius	$c_{p,net}, D =$	1.2					
Charakteristinė vėjo apkrova į pastato sienų paviršius							
A paviršius	$w_e, A =$	2.80	kN/m <sup>2</sup>				
B paviršius	$w_e, B =$	1.73	kN/m <sup>2</sup>				
C paviršius	$w_e, C =$	1.40	kN/m <sup>2</sup>				
D paviršius	$w_e, D =$	0.99	kN/m <sup>2</sup>				

Paviršiaus slėgio koeficientai ir slėgiai į parapetų paviršius pateikti lent.

Vėjo slėgio skaičiavimas pagal paviršių pasiskirstymą 2 variantas (vėjas pučia į 18 m sieną)							
$e=\min\{B, 2h\} =$		18	$m <$	$d=L$	49	$m$	
<b>Variantas kai <math>e \leq d</math></b>	$h/d=$	0.184	priimta, kad $h/d=0,25$				
Parenkamos $c_{p,net}$ reikšmės							
A paviršius	$c_{p,net}, A =$	3.4					
B paviršius	$c_{p,net}, B =$	2.1					
C paviršius	$c_{p,net}, C =$	1.7					
D paviršius	$c_{p,net}, D =$	1.2					
Charakteristinė vėjo apkrova į pastato sienų paviršius							
A paviršius	$w_e, A =$	2.80	kN/m <sup>2</sup>				
B paviršius	$w_e, B =$	1.73	kN/m <sup>2</sup>				
C paviršius	$w_e, C =$	1.40	kN/m <sup>2</sup>				
D paviršius	$w_e, D =$	0.99	kN/m <sup>2</sup>				

Paviršiaus slėgio koeficientai ir slėgiai į stogo paviršius pateikiami lent.

Vėjo slėgio skaičiavimas pagal paviršių pasiskirstymą 1 variantas (vėjas pučia į ilgąją atbrailą $\theta=0^\circ$ )						
$e=\min\{L, 2h\} =$		18	m			
Šlaito kampas priimamas $<5^\circ$						
Parenkamos $c_{pe,10}$ reikšmės						
F paviršius	$c_{pe,10}, F =$	-1.2				
G paviršius	$c_{pe,10}, G =$	-0.8				
H paviršius	$c_{pe,10}, H =$	-0.7				
I paviršius	$c_{pe,10}, I =$	-0.2		$c_{pe,10}, I =$	0.2	
Charakteristinė vėjo apkrova į pastato sienų paviršius						
F paviršius	$w_e, F =$	-0.987	kN/m <sup>2</sup>			
G paviršius	$w_e, G =$	-0.658	kN/m <sup>2</sup>			
H paviršius	$w_e, H =$	-0.576	kN/m <sup>2</sup>			
I paviršius	$w_e, I =$	-0.165	kN/m <sup>2</sup>	$w_e, I =$	0.165	kN/m <sup>2</sup>

Paviršiaus slėgio koeficientai ir slėgiai į stogo paviršius pateikiami lent.

Vėjo slėgio skaičiavimas pagal paviršių pasiskirstymą 2 variantas (vėjas pučia į trumpąją atbrailą $\theta=180^\circ$ )						
$e=\min\{L, 2h\} =$		18	m			
Šlaito kampas priimamas $<5^\circ$						
Parenkamos $c_{pe,10}$ reikšmės						
F paviršius	$c_{pe,10}, F =$	-1.2				
G paviršius	$c_{pe,10}, G =$	-0.8				
H paviršius	$c_{pe,10}, H =$	-0.7				
I paviršius	$c_{pe,10}, I =$	-0.2		$c_{pe,10}, I =$	0.2	
Charakteristinė vėjo apkrova į pastato sienų paviršius						
F paviršius	$w_e, F =$	-0.987	kN/m <sup>2</sup>			
G paviršius	$w_e, G =$	-0.658	kN/m <sup>2</sup>			
H paviršius	$w_e, H =$	-0.576	kN/m <sup>2</sup>			
I paviršius	$w_e, I =$	-0.165	kN/m <sup>2</sup>	$w_e, I =$	0.165	kN/m <sup>2</sup>

Vėjo apkrovų skaičiavimas į pakrovimo zonos priestato atitvarines konstrukcijas.

Pagrindinis vėjo greitis apskaičiuotas pagal LST EN 1991-1-4 pateikiamą išraišką:

$$v_b = c_{dir} \cdot c_{season} \cdot v_{b,0} = 1,0 \cdot 1,0 \cdot 24 = 24 \text{ m/s},$$

čia:

$v_b$  - pagrindinis vėjo greitis apibrėžtas kaip vėjo krypties ir metų laiko funkcija, vėjui pučiant 10 m aukštyje virš I kategorijos vietovės žemės paviršiaus;

$c_{dir}$  - krypties koeficientas, rekomenduojama reikšmė  $c_{dir} = 1,0$ ;

$c_{season}$  - metų laikų koeficientas, rekomenduojama reikšmė  $c_{season} = 1,0$ ;

$v_b(0)$  - svarbiausioji pagrindinio vėjo greičio reikšmė be aukščio poveikio (I-iajame Lietuvos vėjų greičių rajone  $c_b(0) = 24 \text{ m/s}$ ;

Vidutinis vėjo greitis  $v_m(z)$  virš vietovės aukštyje  $z$ , priklausantis nuo vietovės šiurkštumo ir kalvotumo bei nuo pagrindinio vėjo greičio  $v_b$  nustatytas pagal išraišką:

$$v_m(z) = c_r(z) \cdot c_0(z) \cdot v_b = 0,893 \cdot 1,0 \cdot 24 = 21,43 \text{ m/s},$$

čia:

$c_0(z)$  - kalvotumo koeficientas, imamas  $c_0(z) = 1,0$ ;

$c_r(z)$  - šiurkštumo koeficientas, įvertinantis vėjo kitimą vietovėje dėl pastato aukščio virš žemės paviršiaus  $z$  ir žemės paviršiaus šiurkštumo, apskaičiuotas pagal išraišką:

$$c_r(z) = k_r \cdot \ln\left(\frac{z}{z_0}\right) = 0,987, \text{ kai } z_{min} \leq z = 5,5 \text{ m} \leq z_{max};$$

$$c_r(z) = c_r(z_{min}) = k_r \cdot \ln\left(\frac{z_{min}}{z_0}\right), \text{ kai } z < z_{min};$$

$$c_r(z) = k_r \cdot \ln\left(\frac{z}{z_0}\right), \text{ kai } z > z_{min};$$

čia:

$z_0$  - šiurkščiojo ruožo ilgis, imamas iš LST EN 1991-1-4 4.1 lentelės, I vietovės kategorijai  $z_0 = 0,05$ ;

$z_{min}$  - mažiausiasis aukštis, imamas iš LST EN 1991-1-4 4.1 lentelės, II vietovės kategorijai  $z_{min} = 2,0$ ;

$z_{max} = 200 \text{ m}$ ;

$k_r$  - vietovės koeficientas, priklausantis nuo šiurkščiojo ruožo ilgio  $z_0$  ir nuo II kategorijos vietovės šiurkščiojo ruožo ilgio  $z_{0,II} = 0,05$ :

$$k_r = 0,19 \left(\frac{z_0}{z_{0,II}}\right)^{0,07} = 0,19 \left(\frac{0,05}{0,05}\right)^{0,07} = 0,190;$$

čia:

$z_0 = 0,05$  - pagal antrą vietovės kategoriją.

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	16	267	0

Turbulencijos intensyvumas  $l_v(z)$  aukštyje  $z$  apskaičiuotas pagal formules:

$$l_v(z) = \frac{k_1}{c_0(z) \cdot \ln\left(\frac{z}{z_0}\right)} = 0,213, \text{ kai } z_{\min} \leq z \leq z_{\max};$$

$$l_v(z) = l_v(z_{\min}), \text{ kai } z < z_{\min};$$

čia:

$k_1$  - turbulencijos koeficientas, kurio rekomenduojama reikšmė  $k_1 = 1,0$ .

Viršūninis vėjo greičio slėgis  $q_p(z)$  apskaičiuotas pagal išraišką:

$$q_p(z) = [1 + 7 \cdot l_v(z)] \cdot \frac{1}{2} \cdot \rho \cdot v_m^2(z) = (1 + 7 \cdot 0,213) \cdot \frac{1}{2} \cdot 1,25 \cdot 21,43^2 = 715 \text{ N/m}^2 = 0,715 \text{ kN/m}^2,$$

čia:

$$\rho = 1,25 \text{ kg/m}^3 - \text{oro tankis};$$

Vėjo slėgis  $w_e$  veikiantis išorinius paviršius skaičiuojamas pagal LST EN 1991-1-4 5.1 išraišką:

$$w_e = q_p(z) \cdot c_{pe};$$

čia:

$q_p(z)$  - viršūninio greičio slėgis;

$z_e$  - išorinio slėgio atskaitos aukštis LST EN 1991-1-4 7.4 pav.;

$c_{pe}$  - išorinio slėgio koeficientai LST EN 1991-1-4.

Paviršiaus slėgio koeficientai ir slėgiai į sienų paviršius pateikti lent.

Vėjo slėgio skaičiavimas pagal paviršių pasiskirstymą 1 variantas (vėjas pučia į 4,6 m sieną)						
e=min{L, 2h} =		5	m >	d=B	4.6	m
<b>Variantas kai e ≤ d</b>	h/d=	1.196	priimta, kad h/d=1			
Parengtos $c_{pe,10}$ reikšmės						
A paviršius	$c_{pe,10,A} =$	-1.2				
B paviršius	$c_{pe,10,B} =$	-0.8				
C paviršius	$c_{pe,10,C} =$	-0.5				
D paviršius	$c_{pe,10,D} =$	0.8				
E paviršius	$c_{pe,10,E} =$	-0.5				
<b>Charakteristinė vėjo apkrova į pastato sienų paviršius</b>						
A paviršius	$w_e, A =$	-0.858	kN/m <sup>2</sup>			
B paviršius	$w_e, B =$	-0.572	kN/m <sup>2</sup>			
C paviršius	$w_e, C =$	-0.357	kN/m <sup>2</sup>			
D paviršius	$w_e, D =$	0.572	kN/m <sup>2</sup>			
E paviršius	$w_e, E =$	-0.357	kN/m <sup>2</sup>			

Paviršiaus slėgio koeficientai ir slėgiai į sienų paviršius pateikti lent.



Vėjo slėgio skaičiavimas pagal paviršių pasiskirstymą 2 variantas (vėjas pučia į 5,0 m sieną)						
$e=\min\{B, 2h\} =$		4.6	m <	d=L	5.0	m
<b>Variantas kai <math>e \leq d</math></b>	$h/d=$	1.100	priimta, kad $h/d=1$			
Parenkamos $c_{pe,10}$ reikšmės						
A paviršius	$c_{pe,10,A} =$	-1.2				
B paviršius	$c_{pe,10,B} =$	-0.8				
C paviršius	$c_{pe,10,C} =$	-0.5				
D paviršius	$c_{pe,10,D} =$	0.8				
E paviršius	$c_{pe,10,E} =$	-0.5				
Charakteristinė vėjo apkrova į pastato sienų paviršius						
A paviršius	$w_{e,A} =$	-0.858	kN/m <sup>2</sup>			
B paviršius	$w_{e,B} =$	-0.572	kN/m <sup>2</sup>			
C paviršius	$w_{e,C} =$	-0.357	kN/m <sup>2</sup>			
D paviršius	$w_{e,D} =$	0.572	kN/m <sup>2</sup>			
E paviršius	$w_{e,E} =$	-0.357	kN/m <sup>2</sup>			

Paviršiaus slėgio koeficientai ir slėgiai į stogo paviršius pateikiami lent.

Vėjo slėgio skaičiavimas pagal paviršių pasiskirstymą 1 variantas (vėjas pučia į žemąją atbrailą $\theta=0^\circ$ )					
$e=\min\{L, 2h\} =$		5	m		
<b>Šlaito kampas priimamas <math>5^\circ</math></b>					
Parenkamos $c_{pe,10}$ reikšmės					
F paviršius	$c_{pe,10}, F =$	-1.7			
G paviršius	$c_{pe,10}, G =$	-1.2			
H paviršius	$c_{pe,10}, H =$	-0.6			
Charakteristinė vėjo apkrova į pastato sienų paviršius					
F paviršius	$w_e, F =$	-1.215	kN/m <sup>2</sup>		
G paviršius	$w_e, G =$	-0.858	kN/m <sup>2</sup>		
H paviršius	$w_e, H =$	-0.429	kN/m <sup>2</sup>		

Paviršiaus slėgio koeficientai ir slėgiai į stogo paviršius pateikiami lent.

Vėjo slėgio skaičiavimas pagal paviršių pasiskirstymą 2 variantas (vėjas pučia į aukštąją atbrailą $\theta=180^\circ$ )					
$e=\min\{L, 2h\} =$		5	m		
<b>Šlaito kampas priimamas <math>5^\circ</math></b>					
Parenkamos $c_{pe,10}$ reikšmės					
F paviršius	$c_{pe,10}, F =$	-2.3			
G paviršius	$c_{pe,10}, G =$	-1.3			
H paviršius	$c_{pe,10}, H =$	-0.8			
Charakteristinė vėjo apkrova į pastato sienų paviršius					
F paviršius	$w_e, F =$	-1.644	kN/m <sup>2</sup>		
G paviršius	$w_e, G =$	-0.929	kN/m <sup>2</sup>		
H paviršius	$w_e, H =$	-0.572	kN/m <sup>2</sup>		

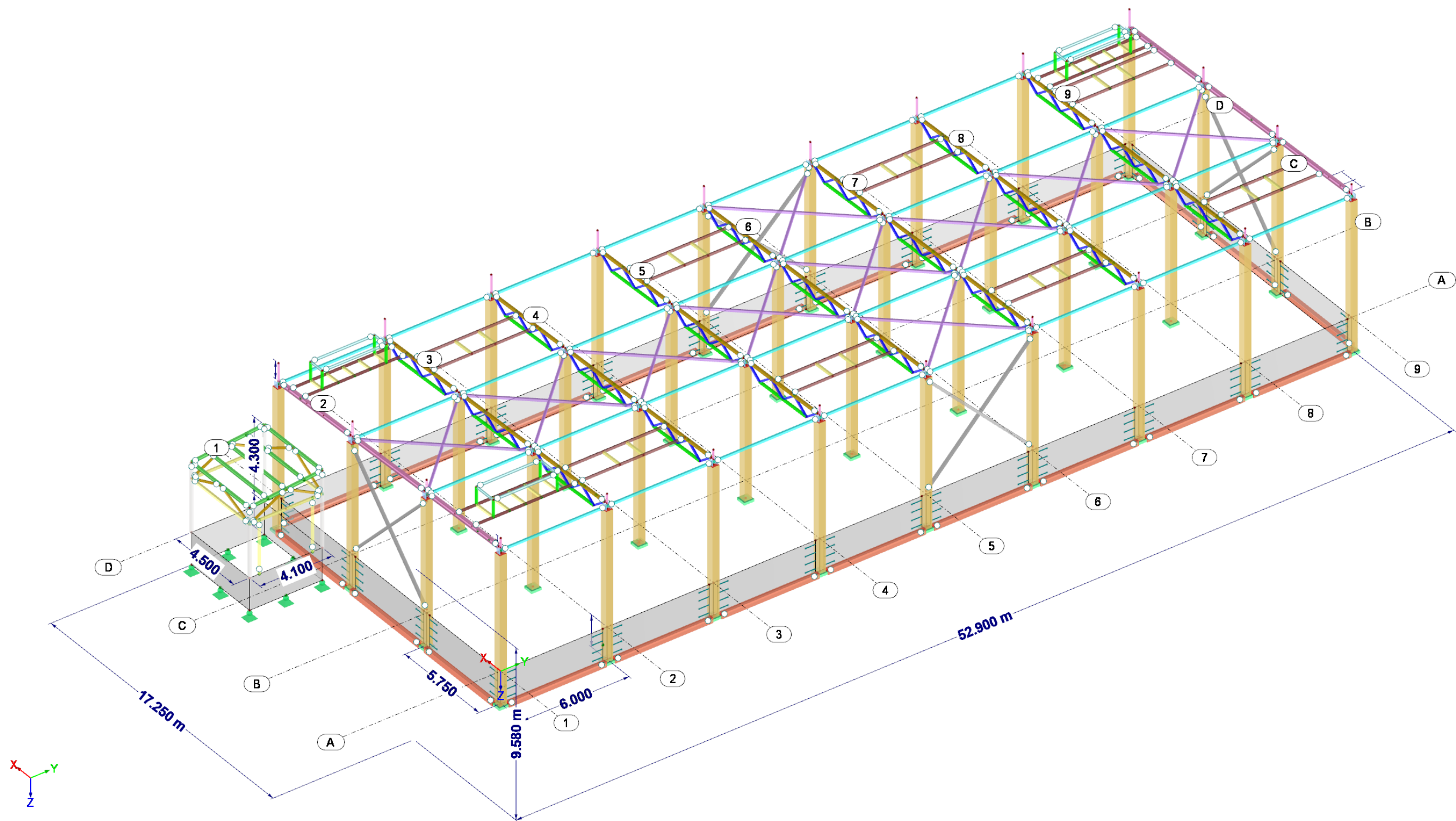
Paviršiaus slėgio koeficientai ir slėgiai į stogo paviršius pateikiami lent.

Vėjo slėgio skaičiavimas pagal paviršių pasiskirstymą 3 variantas (vėjas pučia į kraštinę atbrailą $\theta=90^\circ$ )					
$e=\min\{B, 2h\} =$		4.6	m		
<b>Šlaito kampas priimamas <math>5^\circ</math></b>					
Parenkamos $c_{pe,10}$ reikšmės					
Fup paviršius	$c_{pe,10}, F_{up} =$	-2.1			
Flow paviršius	$c_{pe,10}, F_{low} =$	-2.1			
G paviršius	$c_{pe,10}, G =$	-1.8			
H paviršius	$c_{pe,10}, H =$	-0.6			
I paviršius	$c_{pe,10}, I =$	-0.5			
Charakteristinė vėjo apkrova į pastato sienų paviršius					

Vėjo slėgio skaičiavimas pagal paviršių pasiskirstymą 3 variantas (vėjas pučia į kraštinę atbrailą $\theta=90^\circ$ )						
$e=\min\{B, 2h\} =$		4.6	m			
Šlaito kampas priimamas $5^\circ$						
Fup paviršius	$w_{e,Fup} =$	-1.501	kN/m <sup>2</sup>			
Flow paviršius	$w_{e,Flow} =$	-1.501	kN/m <sup>2</sup>			
G paviršius	$w_{e,G} =$	-1.287	kN/m <sup>2</sup>			
H paviršius	$w_{e,H} =$	-0.429	kN/m <sup>2</sup>			
I paviršius	$w_{e,I} =$	-0.357	kN/m <sup>2</sup>			

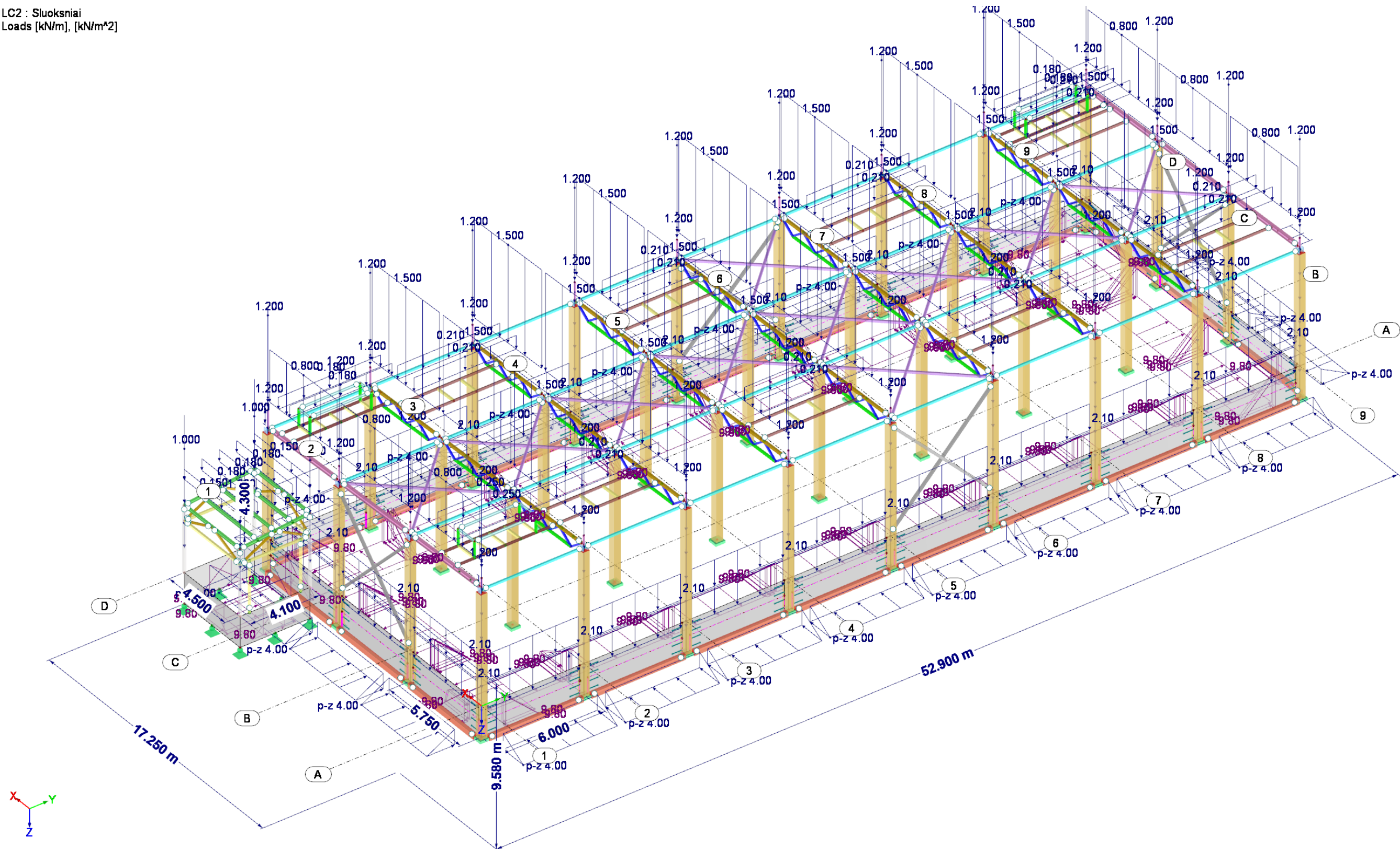
2.4 Pastato apkrovų schematizavimas

LC1 : Nuosavas



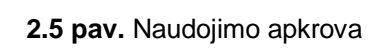
2.3 pav. Nuosavas svoris

LC2 : Sluoksniai  
Loads [kN/m], [kN/m^2]



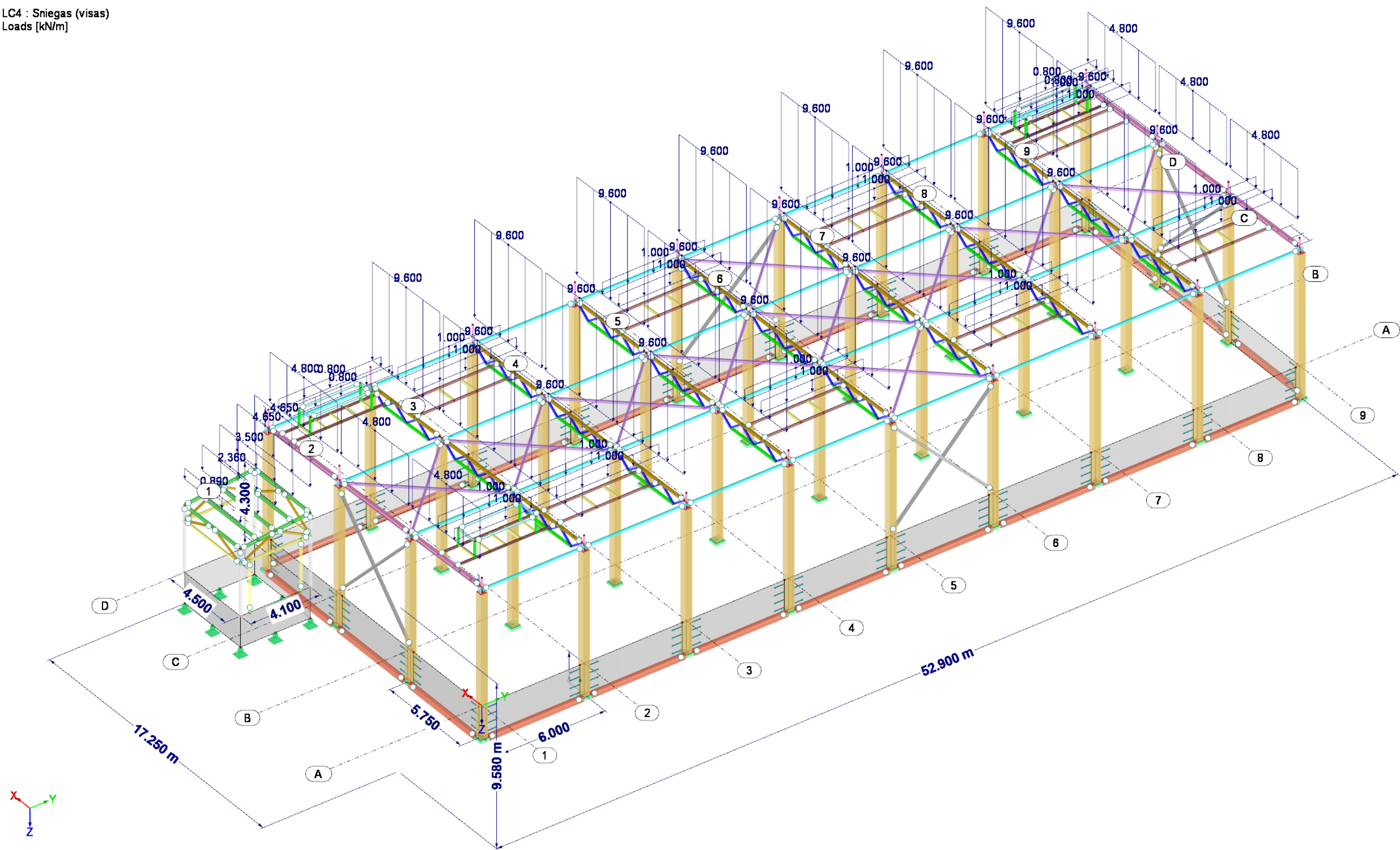
2.4 pav. Konstrukcijų sluoksniai





SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	23	267	0

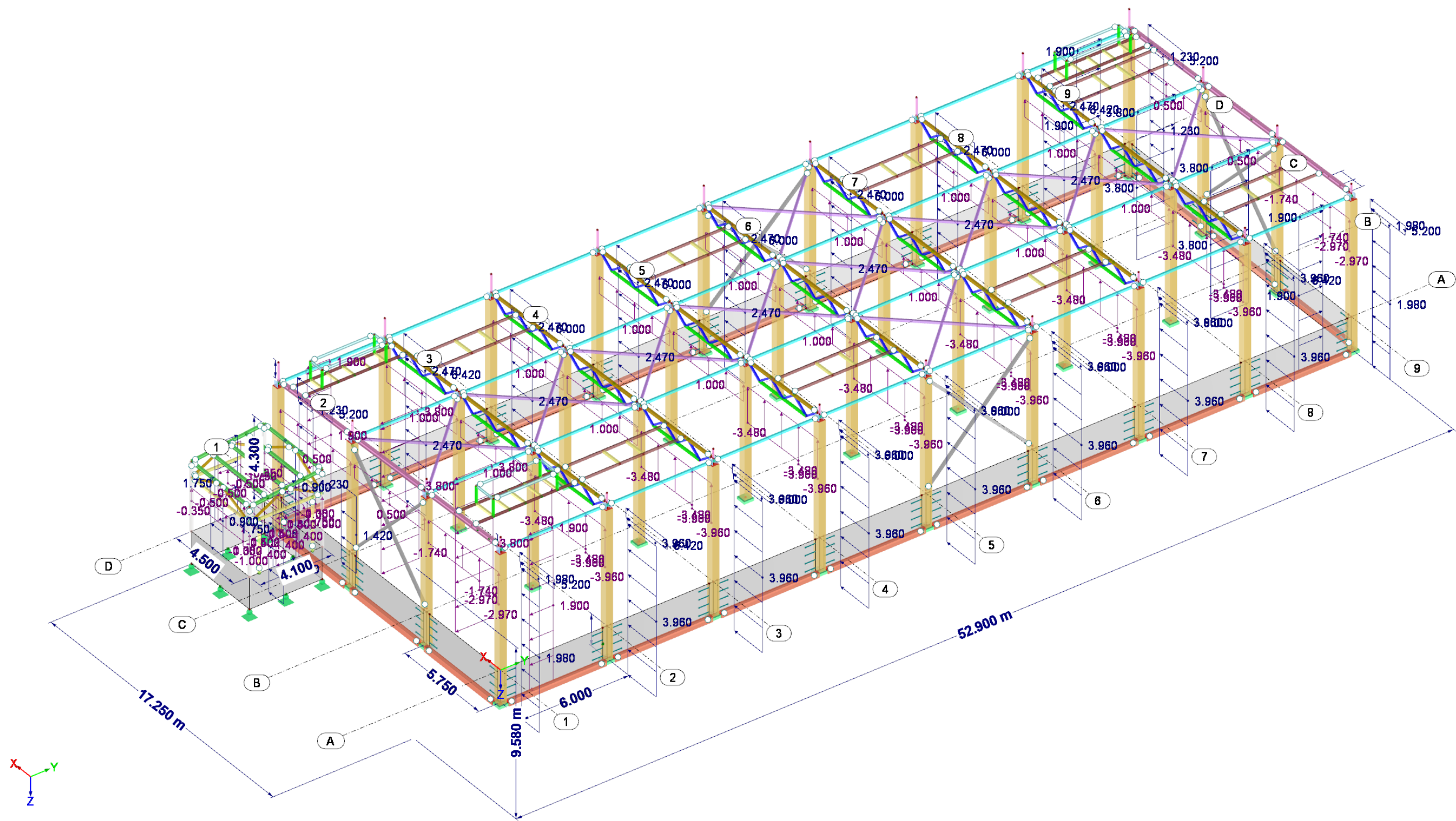
LC4 : Sniegas (visas)  
Loads [kN/m]



2.6 pav. Sniego apkrova (visas)



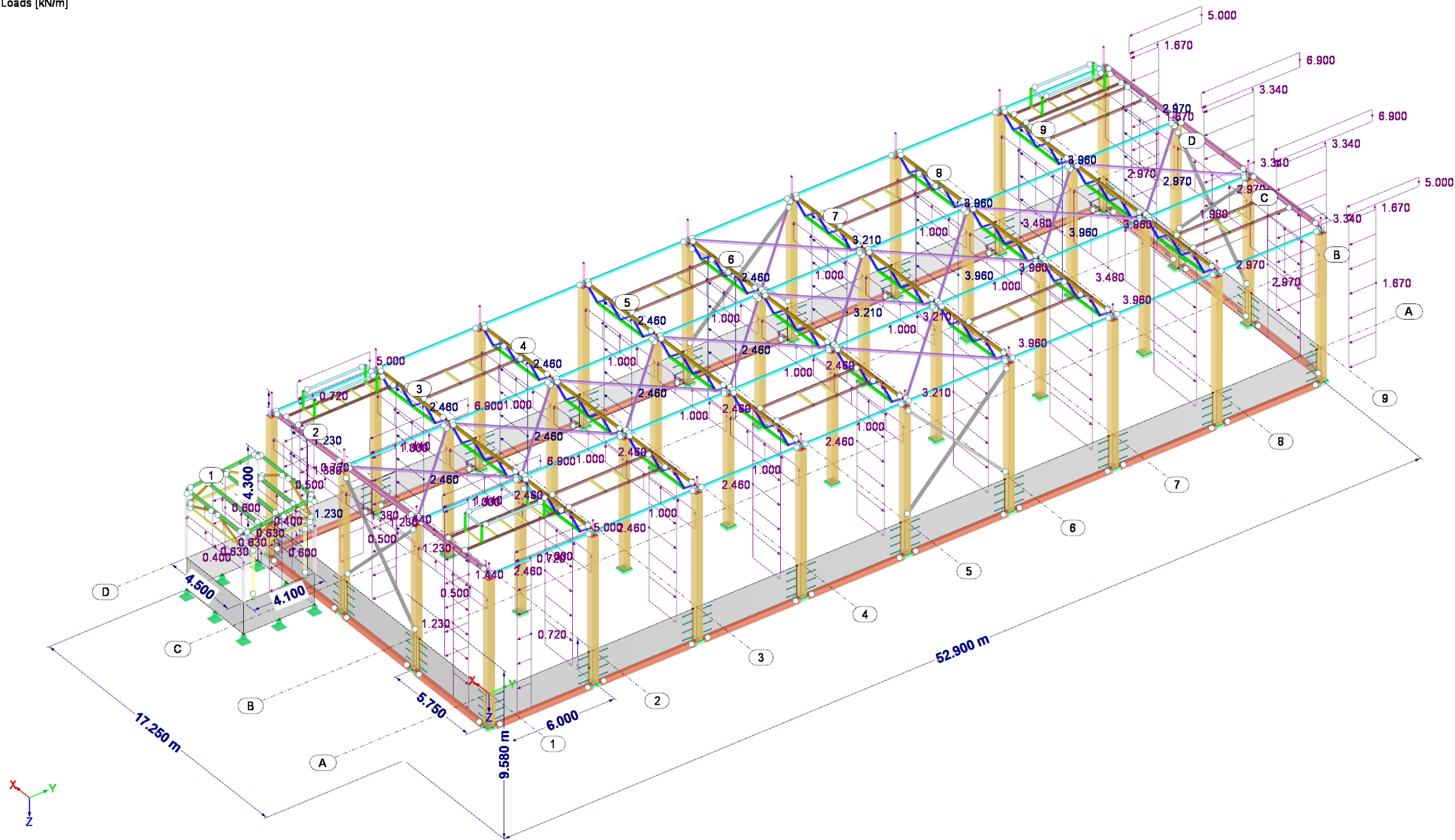
LC5 : Vējas x+  
Loads [kN/m]



2.7 pav. Vējo apkrova (x+) kēlinas



LC6 : Vējas y-  
Loads [kN/m]



2.8 pav. Vējo apkrova (y-) kēlinas

## 2.5 Apkrovų deriniai

Load Case	A	B	C	D	E	F	G
	Load Case Description	To Solve	EN 1990   LST Action Category	Self-Weight - Factor in Direction Active	X	Y	Z
LC1	Nuosavas	<input checked="" type="checkbox"/>	<b>G</b> Permanent	<input checked="" type="checkbox"/>	0.000	0.000	1.000
LC2	Sluoksniai	<input checked="" type="checkbox"/>	<b>G</b> Permanent	<input type="checkbox"/>			
LC3	Naudojimo	<input checked="" type="checkbox"/>	<b>Q<sub>i</sub> E</b> Imposed - Category E: storage areas	<input type="checkbox"/>			
LC4	Sniegas (visas)	<input checked="" type="checkbox"/>	<b>Q<sub>s</sub></b> Snow / ice	<input type="checkbox"/>			
LC5	Vėjas x+	<input checked="" type="checkbox"/>	<b>Q<sub>w</sub></b> Wind	<input type="checkbox"/>			
LC6	Vėjas y-	<input checked="" type="checkbox"/>	<b>Q<sub>w</sub></b> Wind	<input type="checkbox"/>			

## 2.9 pav. Apkrovos

Apkrovų derinių lent.

Load	Load Combination		LC.1		LC.2		LC.3		LC.4		LC.5	
	Combin.	DS Description	Factor	No.	Factor	No.	Factor	No.	Factor	No.	Factor	No.
CO1	21	1.35G1 + 1.35G2	1.350	LC1	1.350	LC2						
CO2	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E	1.350	LC1	1.350	LC2	1.300	LC3				
CO3	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E + 0.78Q <sub>w</sub> 1	1.350	LC1	1.350	LC2	1.300	LC3	0.780	LC5		
CO4	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E + 0.78Q <sub>w</sub> 2	1.350	LC1	1.350	LC2	1.300	LC3	0.780	LC6		
CO5	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E + 0.91Q <sub>s</sub> + 0.78Q <sub>w</sub> 1	1.350	LC1	1.350	LC2	1.300	LC3	0.910	LC4	0.780	LC5
CO6	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E + 0.91Q <sub>s</sub> + 0.78Q <sub>w</sub> 2	1.350	LC1	1.350	LC2	1.300	LC3	0.910	LC4	0.780	LC6
CO7	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E + 0.91Q <sub>s</sub>	1.350	LC1	1.350	LC2	1.300	LC3	0.910	LC4		
CO8	21	1.35G1 + 1.35G2 + 1.3Q <sub>w</sub> 1	1.350	LC1	1.350	LC2	1.300	LC5				
CO9	21	1.35G1 + 1.35G2 + 1.3Q <sub>w</sub> 2	1.350	LC1	1.350	LC2	1.300	LC6				
CO10	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E + 1.3Q <sub>w</sub> 1	1.350	LC1	1.350	LC2	1.300	LC3	1.300	LC5		
CO11	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E + 1.3Q <sub>w</sub> 2	1.350	LC1	1.350	LC2	1.300	LC3	1.300	LC6		
CO12	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E + 0.91Q <sub>s</sub> + 1.3Q <sub>w</sub> 1	1.350	LC1	1.350	LC2	1.300	LC3	0.910	LC4	1.300	LC5
CO13	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E + 0.91Q <sub>s</sub> + 1.3Q <sub>w</sub> 2	1.350	LC1	1.350	LC2	1.300	LC3	0.910	LC4	1.300	LC6
CO14	21	1.35G1 + 1.35G2 + 0.91Q <sub>s</sub> + 1.3Q <sub>w</sub> 1	1.350	LC1	1.350	LC2	0.910	LC4	1.300	LC5		
CO15	21	1.35G1 + 1.35G2 + 0.91Q <sub>s</sub> + 1.3Q <sub>w</sub> 2	1.350	LC1	1.350	LC2	0.910	LC4	1.300	LC6		
CO16	21	1.35G1 + 1.35G2 + 1.3Q <sub>s</sub>	1.350	LC1	1.350	LC2	1.300	LC4				
CO17	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E + 1.3Q <sub>s</sub>	1.350	LC1	1.350	LC2	1.300	LC3	1.300	LC4		
CO18	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E + 1.3Q <sub>s</sub> + 0.78Q <sub>w</sub> 1	1.350	LC1	1.350	LC2	1.300	LC3	1.300	LC4	0.780	LC5
CO19	21	1.35G1 + 1.35G2 + 1.3Q <sub>i</sub> E + 1.3Q <sub>s</sub> + 0.78Q <sub>w</sub> 2	1.350	LC1	1.350	LC2	1.300	LC3	1.300	LC4	0.780	LC6
CO20	21	1.35G1 + 1.35G2 + 1.3Q <sub>s</sub> + 0.78Q <sub>w</sub> 1	1.350	LC1	1.350	LC2	1.300	LC4	0.780	LC5		
CO21	21	1.35G1 + 1.35G2 + 1.3Q <sub>s</sub> + 0.78Q <sub>w</sub> 2	1.350	LC1	1.350	LC2	1.300	LC4	0.780	LC6		
CO22	101	G1 + G2	1.000	LC1	1.000	LC2						
CO23	101	G1 + G2 + Q <sub>i</sub> E	1.000	LC1	1.000	LC2	1.000	LC3				
CO24	101	G1 + G2 + Q <sub>i</sub> E + 0.6Q <sub>w</sub> 1	1.000	LC1	1.000	LC2	1.000	LC3	0.600	LC5		
CO25	101	G1 + G2 + Q <sub>i</sub> E + 0.6Q <sub>w</sub> 2	1.000	LC1	1.000	LC2	1.000	LC3	0.600	LC6		
CO26	101	G1 + G2 + Q <sub>i</sub> E + 0.7Q <sub>s</sub> + 0.6Q <sub>w</sub> 1	1.000	LC1	1.000	LC2	1.000	LC3	0.700	LC4	0.600	LC5
CO27	101	G1 + G2 + Q <sub>i</sub> E + 0.7Q <sub>s</sub> + 0.6Q <sub>w</sub> 2	1.000	LC1	1.000	LC2	1.000	LC3	0.700	LC4	0.600	LC6
CO28	101	G1 + G2 + Q <sub>i</sub> E + 0.7Q <sub>s</sub>	1.000	LC1	1.000	LC2	1.000	LC3	0.700	LC4		
CO29	101	G1 + G2 + Q <sub>w</sub> 1	1.000	LC1	1.000	LC2	1.000	LC5				
CO30	101	G1 + G2 + Q <sub>w</sub> 2	1.000	LC1	1.000	LC2	1.000	LC6				
CO31	101	G1 + G2 + Q <sub>i</sub> E + Q <sub>w</sub> 1	1.000	LC1	1.000	LC2	1.000	LC3	1.000	LC5		
CO32	101	G1 + G2 + Q <sub>i</sub> E + Q <sub>w</sub> 2	1.000	LC1	1.000	LC2	1.000	LC3	1.000	LC6		

Load	Load Combination		LC.1		LC.2		LC.3		LC.4		LC.5	
Combin.	DS	Description	Factor	No.	Factor	No.	Factor	No.	Factor	No.	Factor	No.
CO33	101	G1 + G2 + QiE + 0.7Qs + Qw1	1.000	LC1	1.000	LC2	1.000	LC3	0.700	LC4	1.000	LC5
CO34	101	G1 + G2 + QiE + 0.7Qs + Qw2	1.000	LC1	1.000	LC2	1.000	LC3	0.700	LC4	1.000	LC6
CO35	101	G1 + G2 + 0.7Qs + Qw1	1.000	LC1	1.000	LC2	0.700	LC4	1.000	LC5		
CO36	101	G1 + G2 + 0.7Qs + Qw2	1.000	LC1	1.000	LC2	0.700	LC4	1.000	LC6		
CO37	101	G1 + G2 + Qs	1.000	LC1	1.000	LC2	1.000	LC4				
CO38	101	G1 + G2 + QiE + Qs	1.000	LC1	1.000	LC2	1.000	LC3	1.000	LC4		
CO39	101	G1 + G2 + QiE + Qs + 0.6Qw1	1.000	LC1	1.000	LC2	1.000	LC3	1.000	LC4	0.600	LC5
CO40	101	G1 + G2 + QiE + Qs + 0.6Qw2	1.000	LC1	1.000	LC2	1.000	LC3	1.000	LC4	0.600	LC6
CO41	101	G1 + G2 + Qs + 0.6Qw1	1.000	LC1	1.000	LC2	1.000	LC4	0.600	LC5		
CO42	101	G1 + G2 + Qs + 0.6Qw2	1.000	LC1	1.000	LC2	1.000	LC4	0.600	LC6		
CO43	102	G1 + G2	1.000	LC1	1.000	LC2						
CO44	102	G1 + G2 + 0.9QiE	1.000	LC1	1.000	LC2	0.900	LC3				
CO45	102	G1 + G2 + 0.9QiE + 0.2Qs	1.000	LC1	1.000	LC2	0.900	LC3	0.200	LC4		
CO46	102	G1 + G2 + 0.2Qw1	1.000	LC1	1.000	LC2	0.200	LC5				
CO47	102	G1 + G2 + 0.2Qw2	1.000	LC1	1.000	LC2	0.200	LC6				
CO48	102	G1 + G2 + 0.8QiE + 0.2Qw1	1.000	LC1	1.000	LC2	0.800	LC3	0.200	LC5		
CO49	102	G1 + G2 + 0.8QiE + 0.2Qw2	1.000	LC1	1.000	LC2	0.800	LC3	0.200	LC6		
CO50	102	G1 + G2 + 0.8QiE + 0.2Qs + 0.2Qw1	1.000	LC1	1.000	LC2	0.800	LC3	0.200	LC4	0.200	LC5
CO51	102	G1 + G2 + 0.8QiE + 0.2Qs + 0.2Qw2	1.000	LC1	1.000	LC2	0.800	LC3	0.200	LC4	0.200	LC6
CO52	102	G1 + G2 + 0.2Qs + 0.2Qw1	1.000	LC1	1.000	LC2	0.200	LC4	0.200	LC5		
CO53	102	G1 + G2 + 0.2Qs + 0.2Qw2	1.000	LC1	1.000	LC2	0.200	LC4	0.200	LC6		
CO54	102	G1 + G2 + 0.5Qs	1.000	LC1	1.000	LC2	0.500	LC4				
CO55	102	G1 + G2 + 0.8QiE + 0.5Qs	1.000	LC1	1.000	LC2	0.800	LC3	0.500	LC4		
CO56	103	G1 + G2	1.000	LC1	1.000	LC2						
CO57	103	G1 + G2 + 0.8QiE	1.000	LC1	1.000	LC2	0.800	LC3				
CO58	103	G1 + G2 + 0.8QiE + 0.2Qs	1.000	LC1	1.000	LC2	0.800	LC3	0.200	LC4		
CO59	103	G1 + G2 + 0.2Qs	1.000	LC1	1.000	LC2	0.200	LC4				

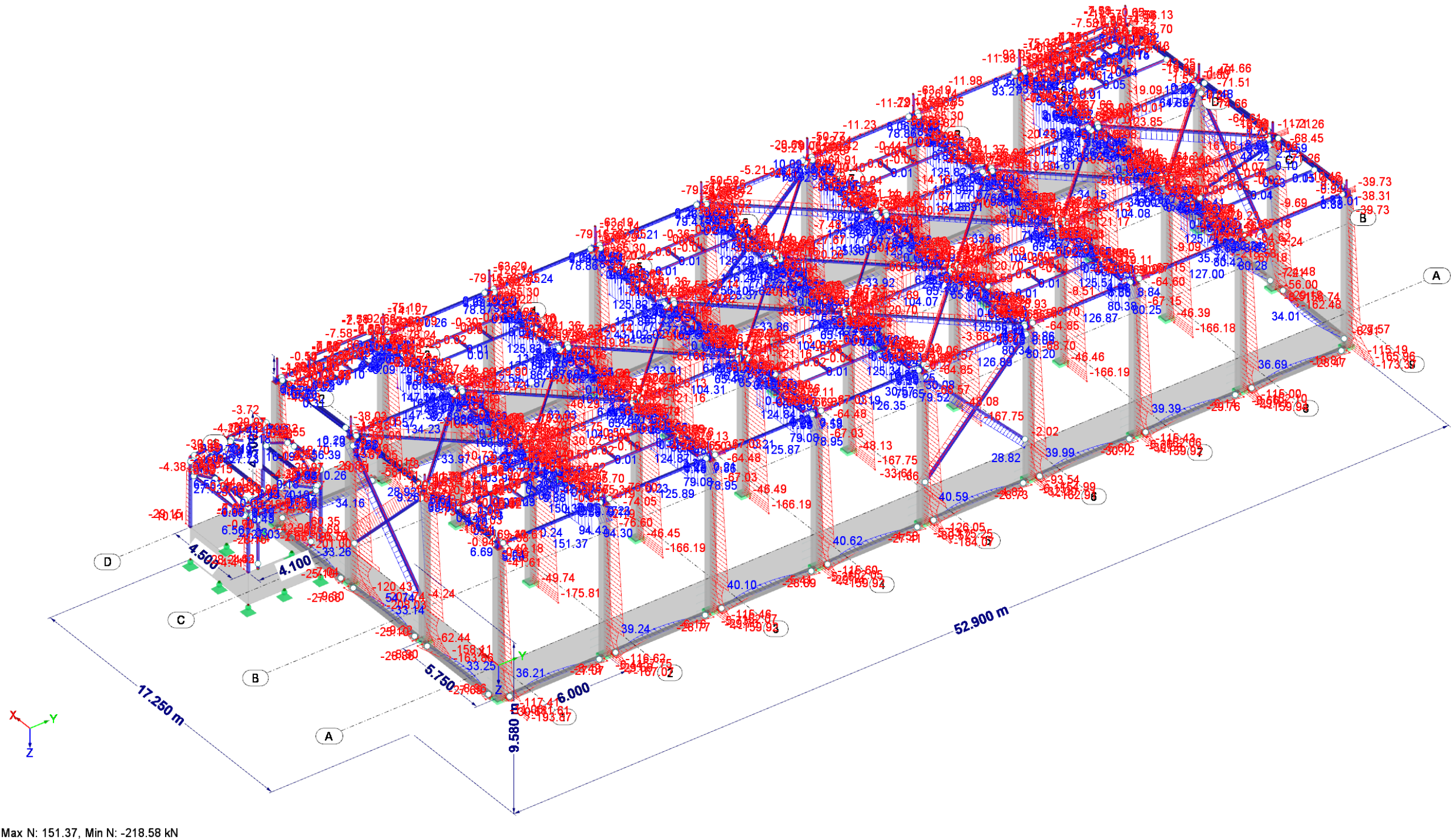


2.6 Įrašos ir atraminės reakcijos

2.6.1 Įrašos

Rezultatus žiūrėti kartu su prieduose grafiškai pateikta strypinių elementų numeracija bei lentelėje pateiktais įrašų rezultatais nuo stiprumo ribinių būvių derinių (ULS).

Visibility mode - User-defined / generated  
Internal Forces N [kN]  
Sections  
RC1 : ULS (STR/GEO) - Permanent / transient - Eq. 6.10

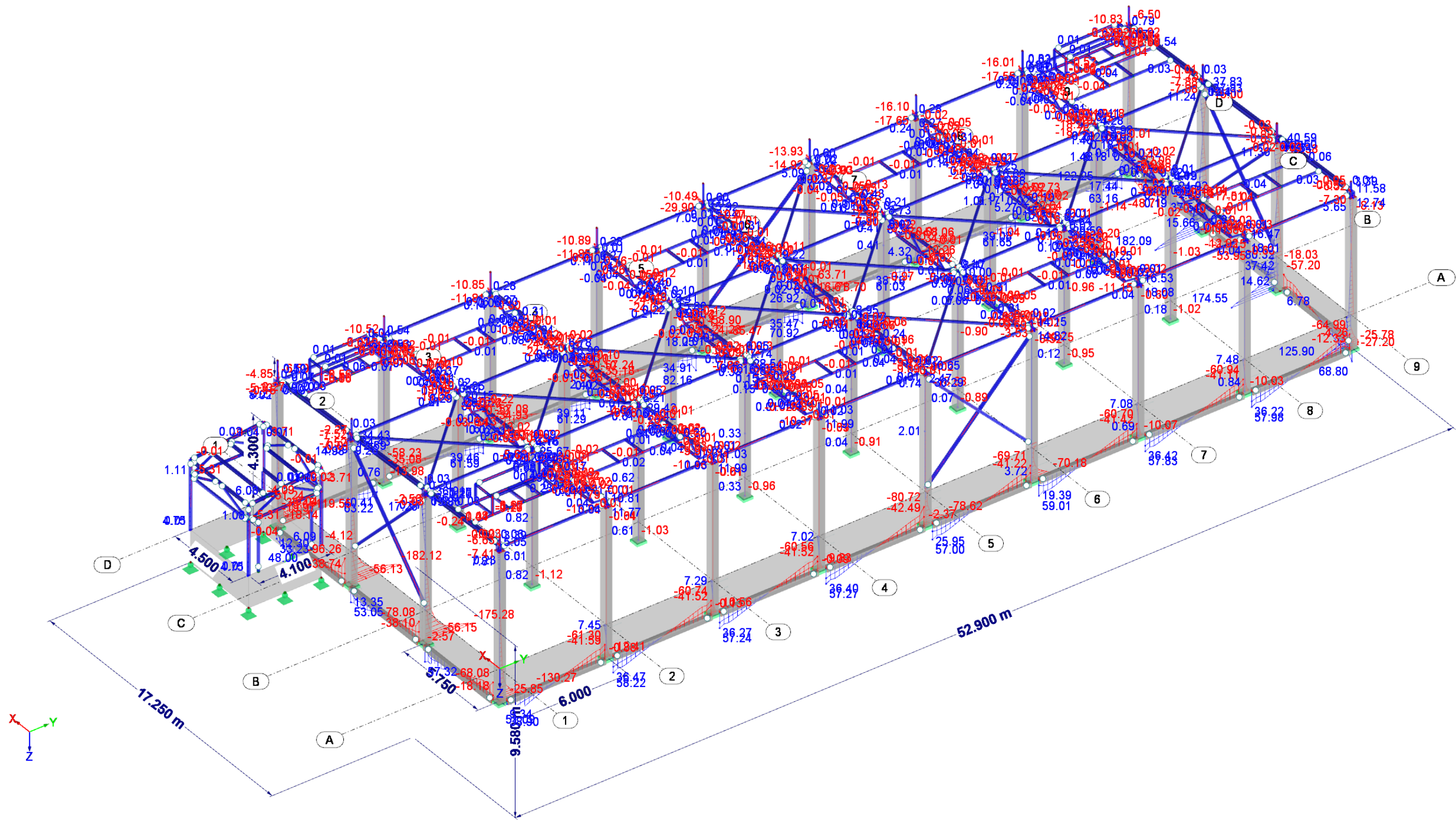


Max N: 151.37, Min N: -218.58 kN

2.10 pav. Ašinės jėgos N (nuo stiprumo ribinio būvio)



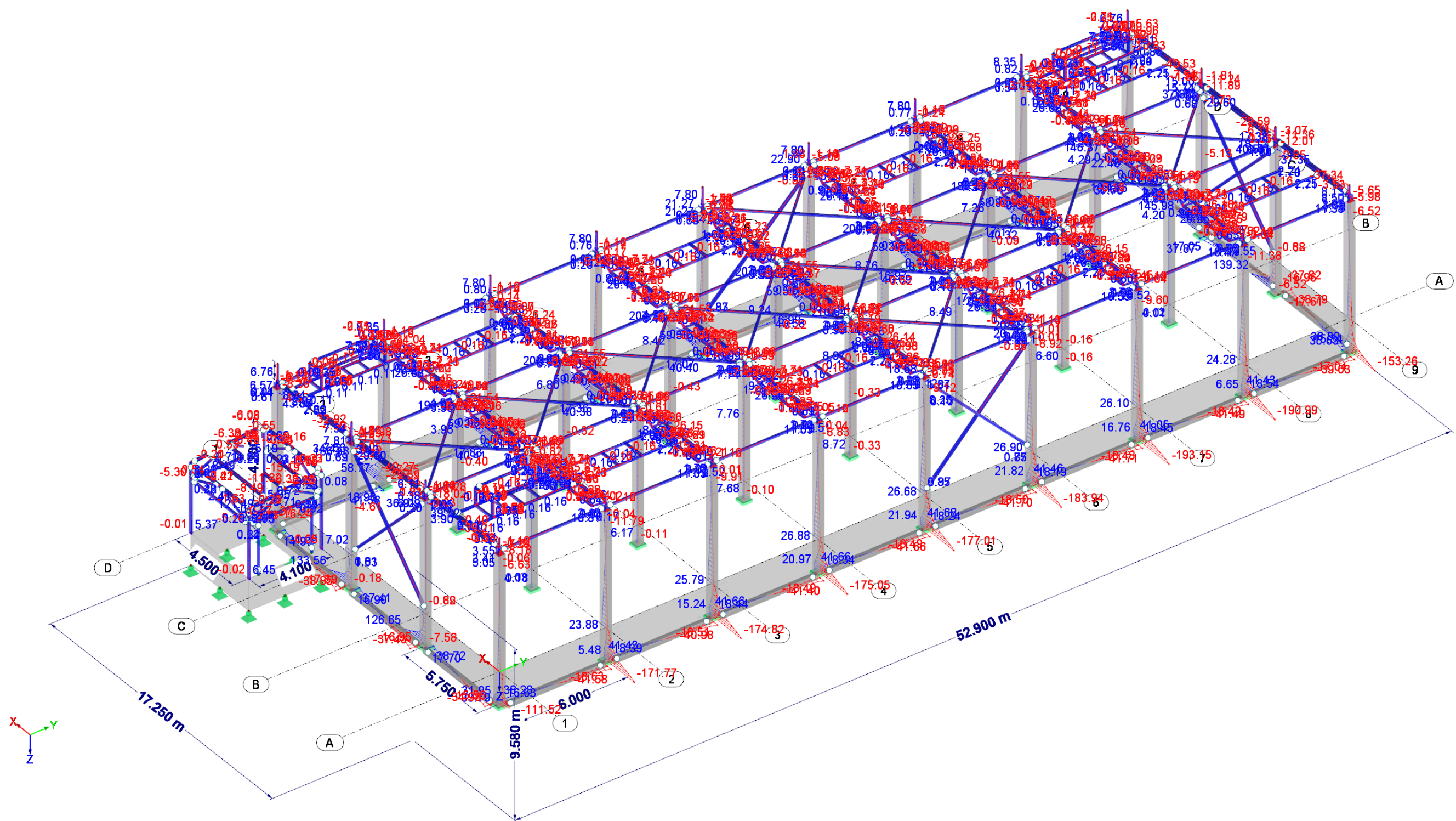
Visibility mode - User-defined / generated  
Internal Forces V-y [kN]  
Sections  
RC1 : ULS (STR/GEO) - Permanent / transient - Eq. 6.10



Max V-y: 182.09, Min V-y: -182.12 kN

2.11 pav. Skersinės jėgos Vy (nuo stiprumo ribinio būvio)

Visibility mode - User-defined / generated  
Internal Forces V-z [kN]  
Sections  
RC1 : ULS (STR/GEO) - Permanent / transient - Eq. 6.10

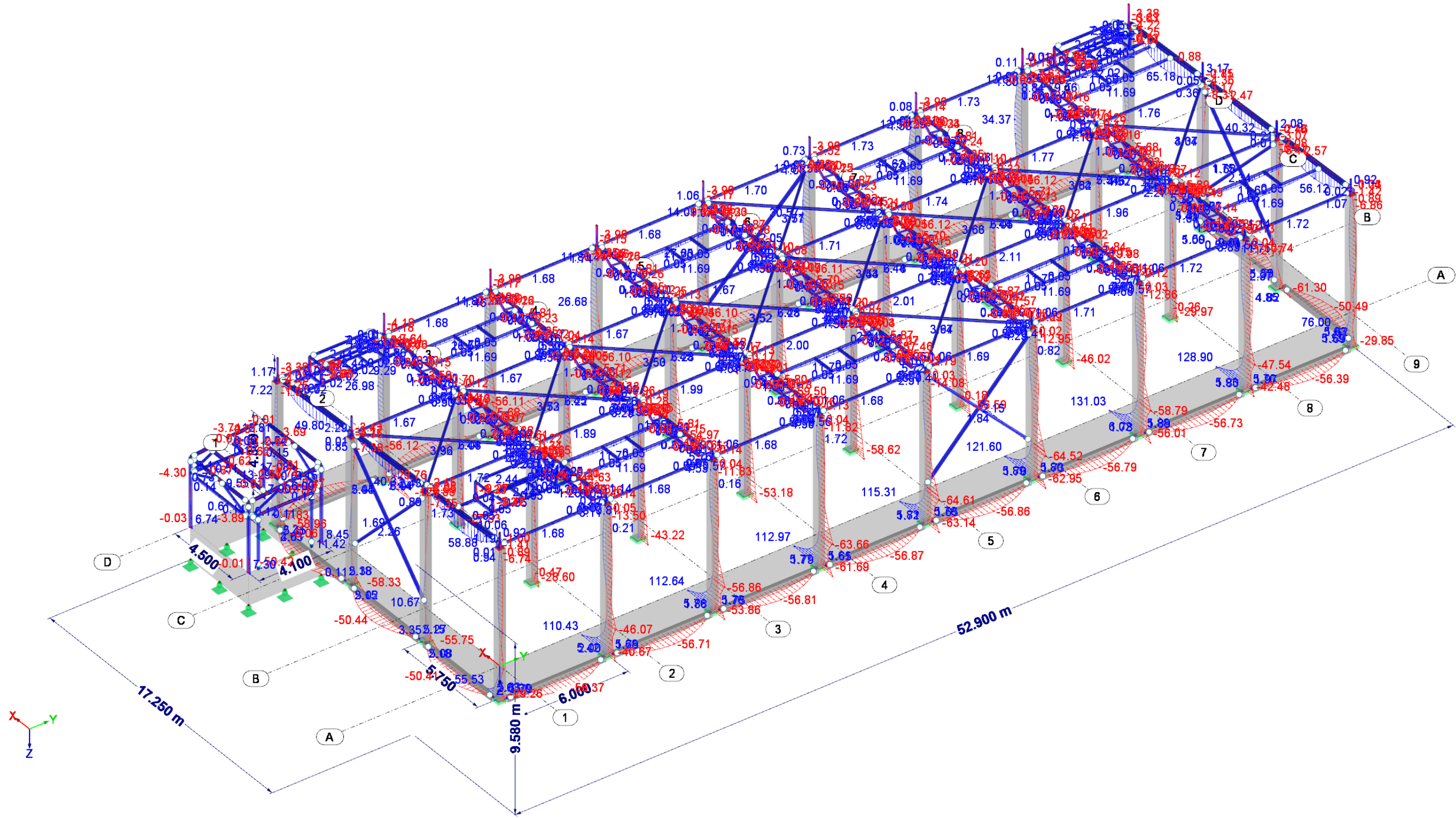


Max V-z: 207.29, Min V-z: -193.15 kN

2.12 pav. Skersinės jėgos Vz (nuo stiprumo ribinio būvio)



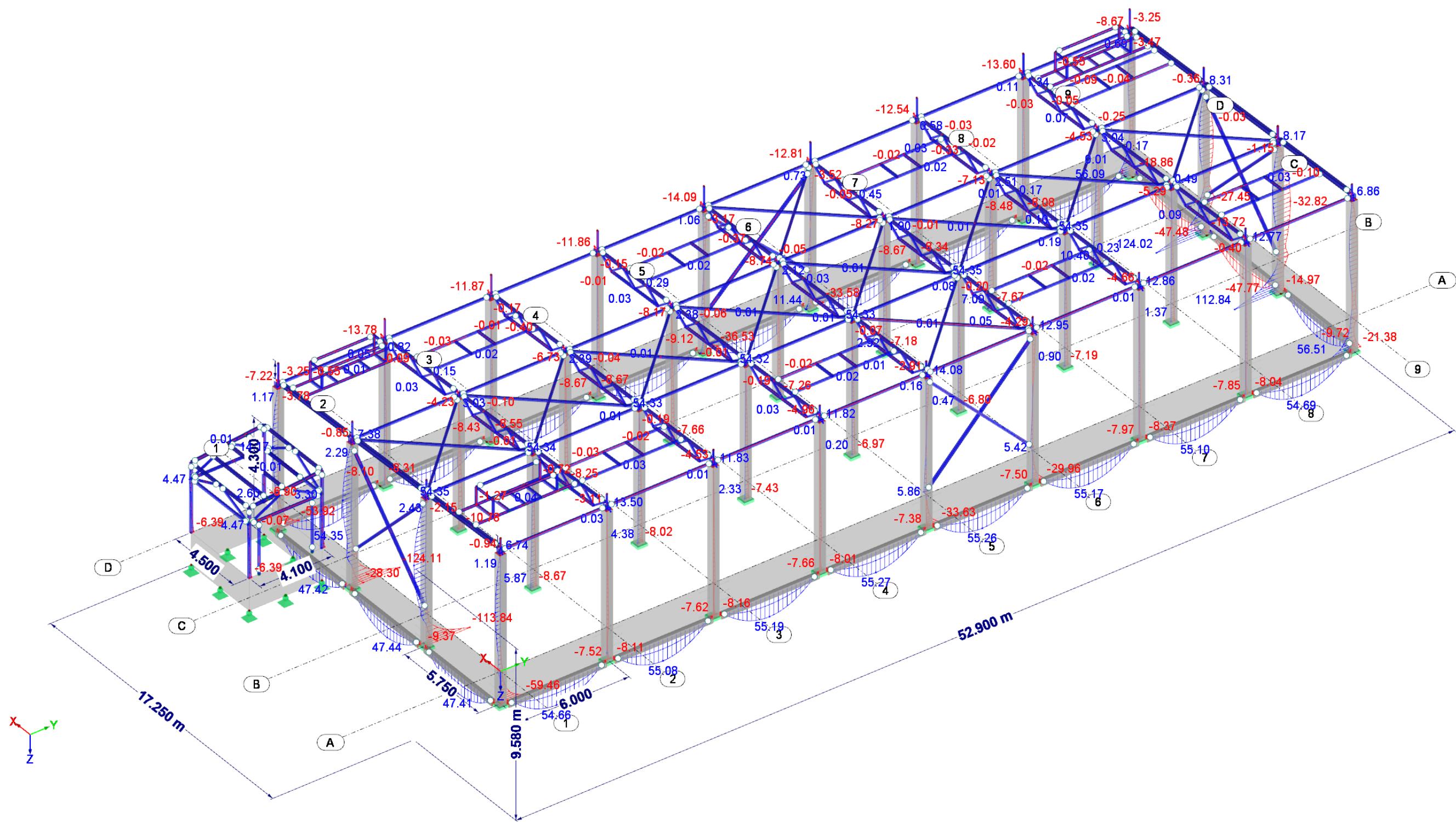
Visibility mode - User-defined / generated  
Internal Forces M-y [kNm]  
Sections  
RC1 : ULS (STR/GEO) - Permanent / transient - Eq. 6.10



Max M-y: 131.03, Min M-y: -157.60 kNm

2.13 pav. Lenkimo momentai My (nuo stiprumo ribinio būvio)

Visibility mode - User-defined / generated  
Internal Forces M-z [kNm]  
Sections  
RC1 : ULS (STR/GEO) - Permanent / transient - Eq. 6.10



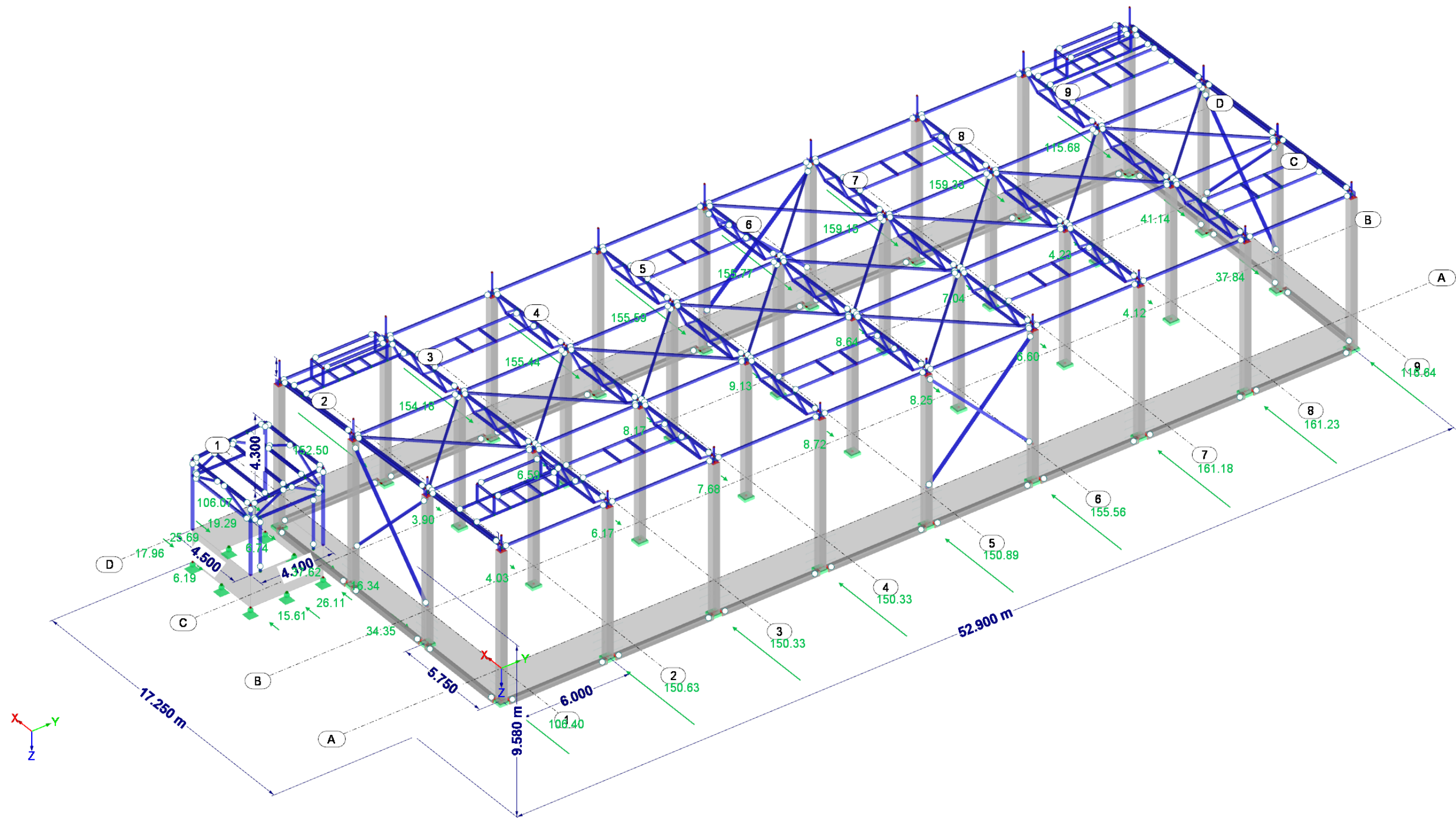
Max M-z: 124.02, Min M-z: -124.11 kNm

2.14 pav. Lenkimo momentai Mz (nuo stiprumo ribinio būvio)



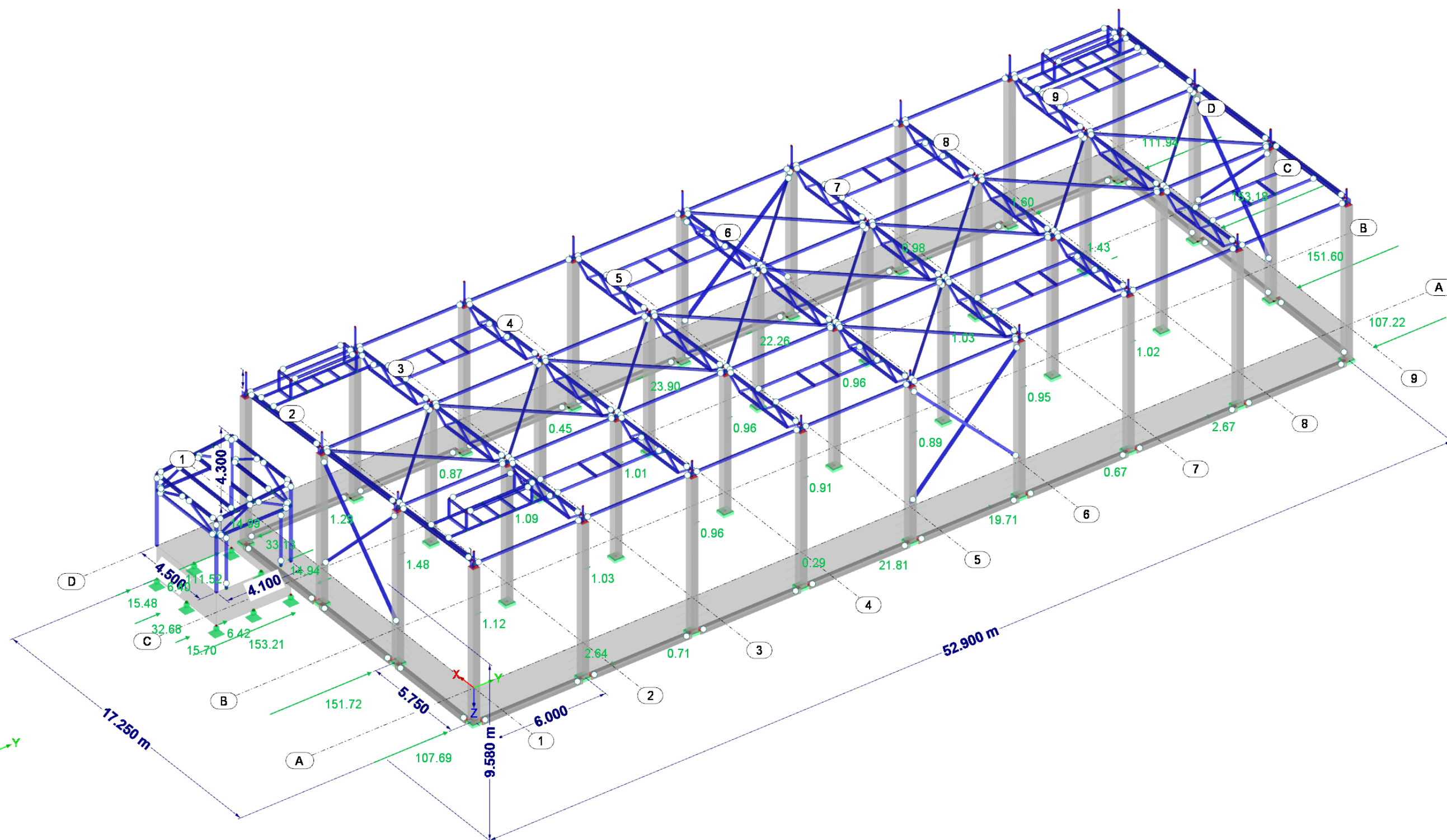
2.6.2 Atraminās reakcijas

Visibility mode - User-defined / generated  
Support Reactions [kN]  
Sections  
RC1 : ULS (STR/GEO) - Permanent / transient - Eq. 6.10



Max P-X: 159.33, Min P-X: -161.23 kN

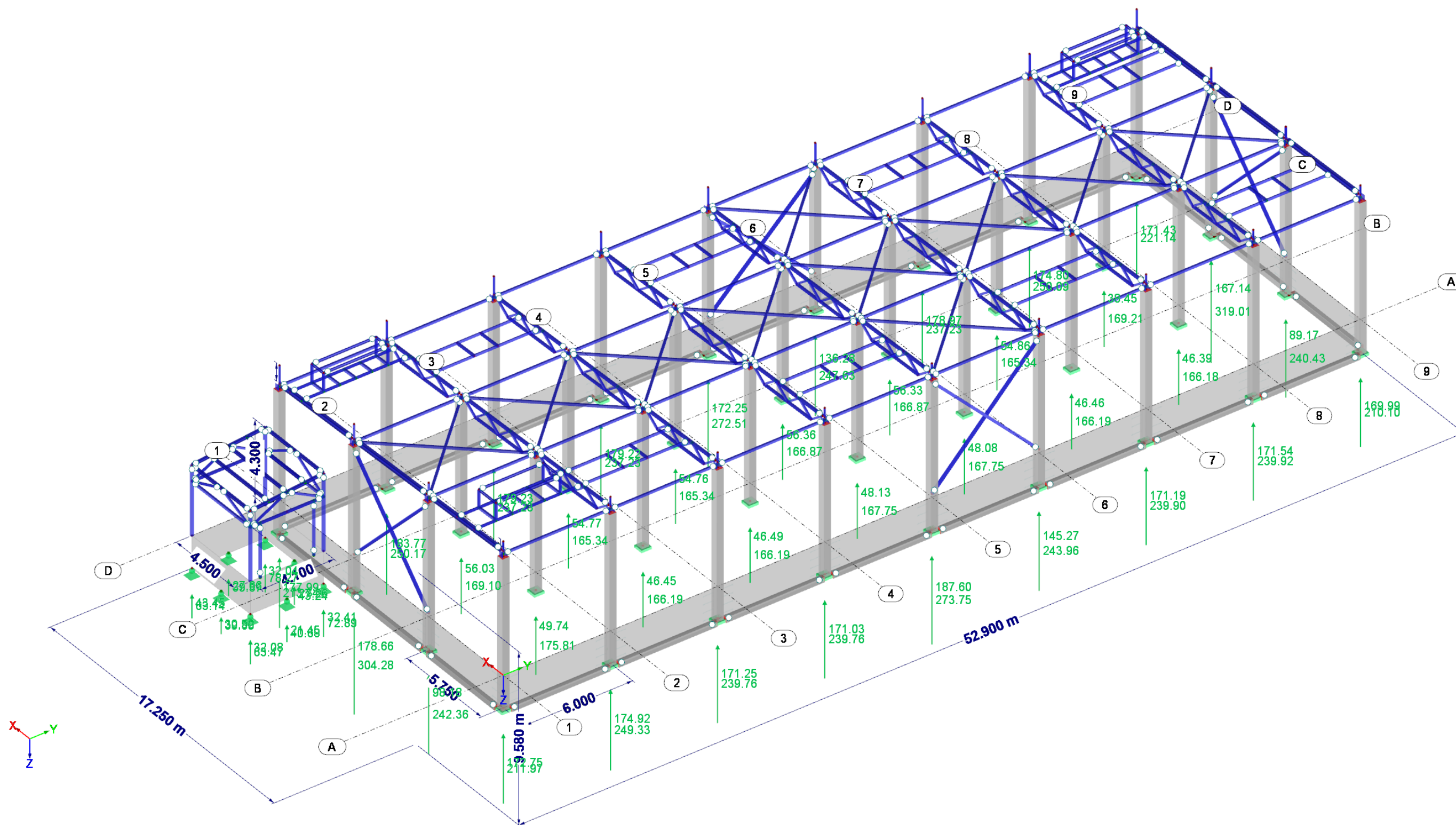
2.15 pav. Atraminās reakcijas Px (no stiprumo ribinio būvio)



**2.16 pav.** Atraminės reakcijas Py (no stiprumo ribinio būvio)

SS2407-01-TP-SK.IS	Lapas	Lapuy	Laida
	35	267	0

Visibility mode - User-defined / generated  
 Support Reactions [kN]  
 Sections  
 RC1 : ULS (STR/GEO) - Permanent / transient - Eq. 6.10



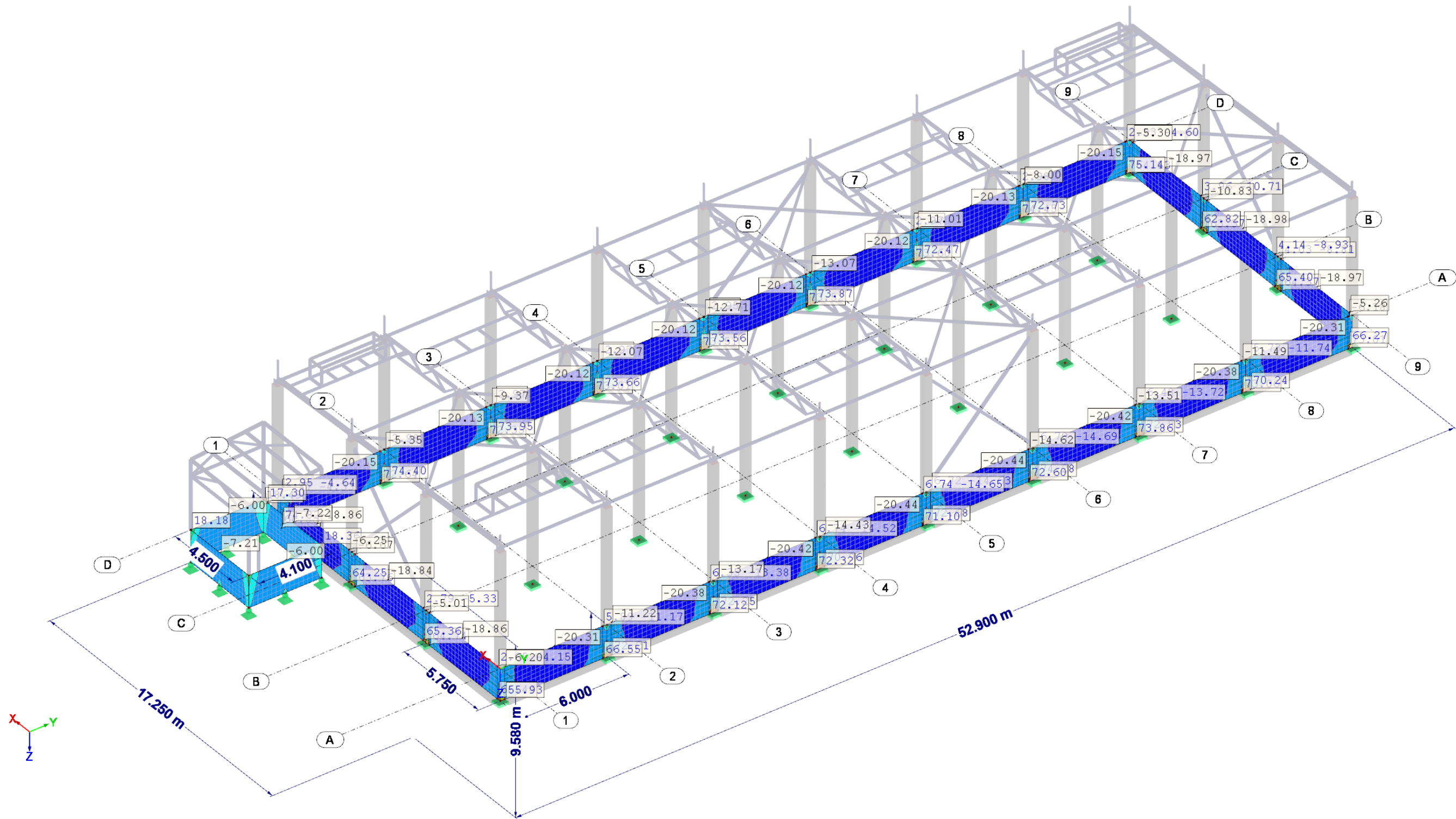
Max P-Z: 319.01, Min P-Z: 39.80 kN

**2.17 pav.** Atraminės reakcijas Pz (nuo stiprumo ribinio būvio)

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	36	267	0



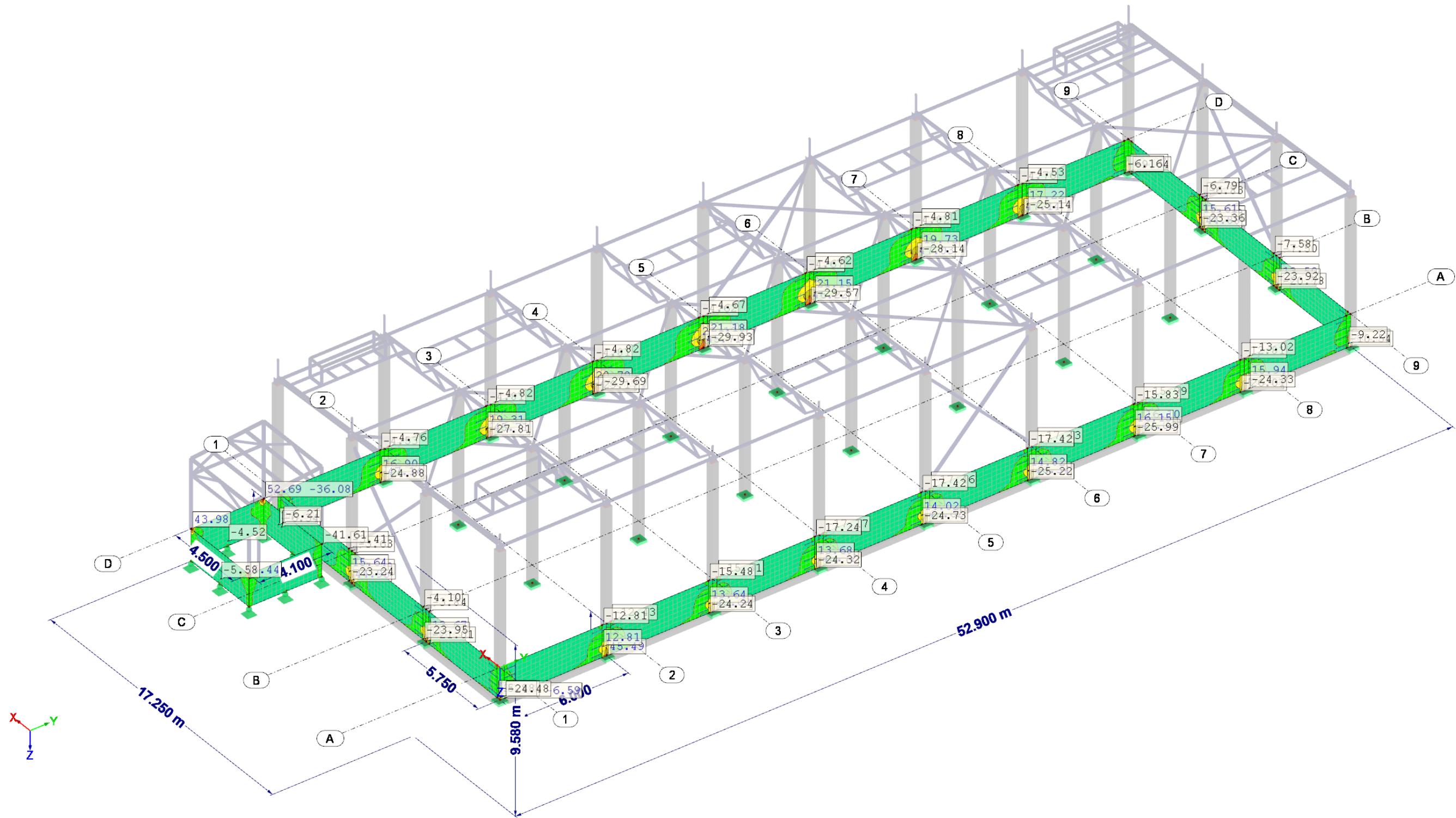
Visibility mode - Visos pamatø atramos / generated  
Basic Internal Forces m-x [kNm/m]  
Sections  
RC1 : ULS (STR/GEO) - Permanent / transient - Eq. 6.10



Max m-x: 75.14, Min m-x: -20.44 kNm/m

2.18 pav. Iražos plokštėse mx (nuo stiprumo ribinio būvio)

Visibility mode - Visos pamatø atramos / generated  
Basic Internal Forces m-y [kNm/m]  
Sections  
RC1 : ULS (STR/GEO) - Permanent / transient - Eq. 6.10

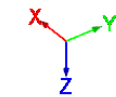


Max m-y: 52.69, Min m-y: -41.61 kNm/m

2.19 pav. Iražos plokštėse my (nuo stiprumo ribinio būvio)



Visibility mode - Visos pamatø atramos / generated  
Basic Internal Forces v-x [kN/m]  
Sections  
RC1 : ULS (STR/GEO) - Permanent / transient - Eq. 6.10

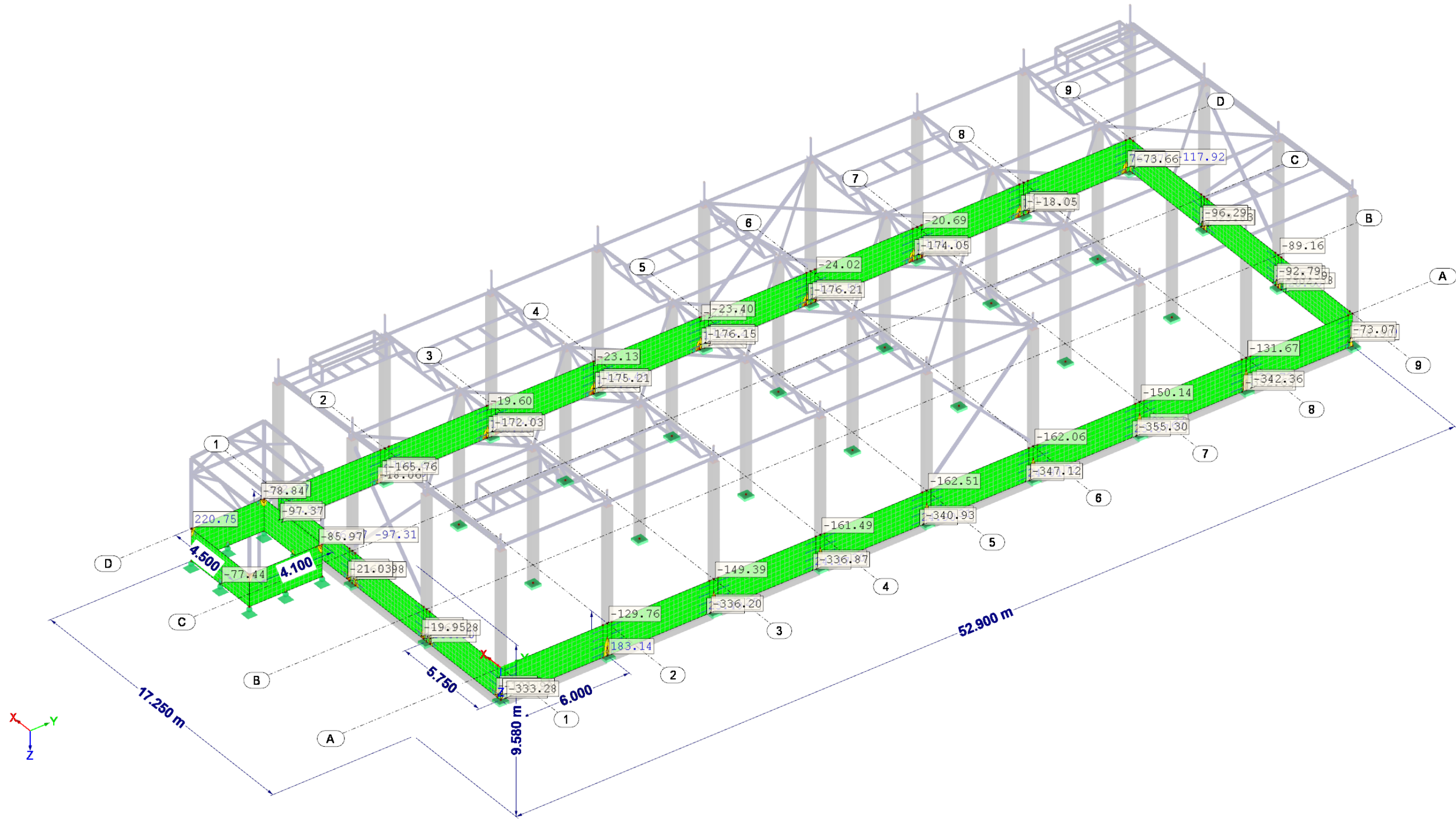


Max v-x: 562.11, Min v-x: -560.35 kN/m

**2.20 pav.** Iražos plokštēse vx (nuo stiprumo ribinio būvio)

SS2407-01-TP-SK.IS	Lapas	Lapuy	Laida
	39	267	0

Visibility mode - Visos pamatø atramos / generated  
Basic Internal Forces v-y [kN/m]  
Sections  
RC1 : ULS (STR/GEO) - Permanent / transient - Eq. 6.10



Max v-y: 385.11, Min v-y: -355.30 kN/m

2.21 pav. Išrašo plokštėse vy (nuo stiprumo ribinio būvio)

## **2.7 Bendras pastovumas ir poslinkiai**

### **2.7.1 Pastato pastovumo ir stabilumo sąlygos ir reikalavimai**

Pastato stabilumui ir kinematiniam pastovumui užtikrinti atliekami skaičiavimai, kurie turi tenkinti ribines leistinas reikšmes konstrukcijoms, priklausomai nuo jų geometrijos ir paskirties.

Maksimalūs poslinkiai ir įlinkiai skaičiuoti vadovaujantis reikalavimais:

LST EN 1993-1-1 „Eurokodas 3. Plieninių konstrukcijų projektavimas 1-1 dalis. Bendrosios ir pastatų taisyklės.“;

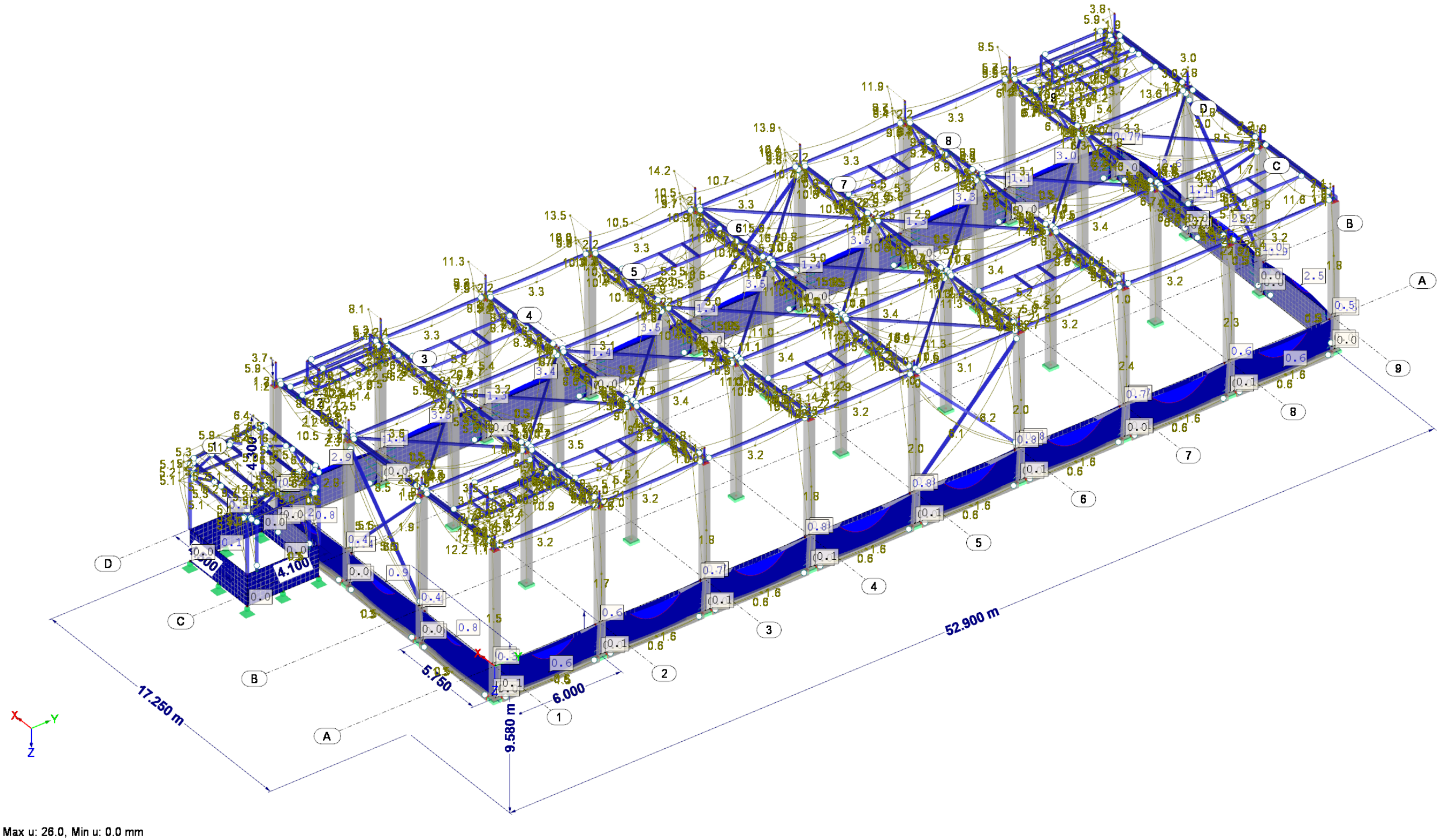
LST EN 1992-1-1 „Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas 1-1 dalis. Bendrosios ir pastatų taisyklės.“;

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	41	267	0



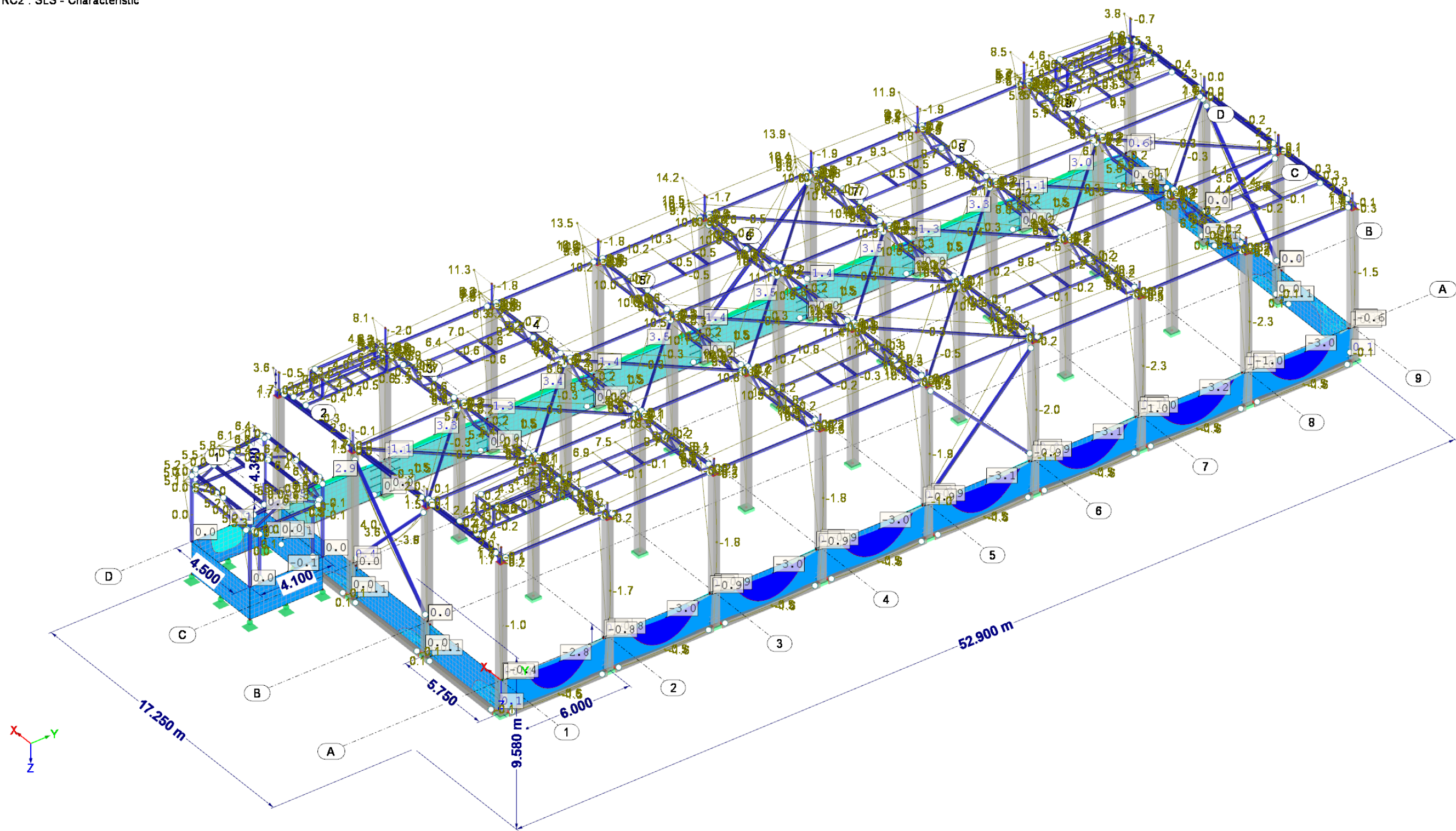
2.7.2 Deformacijos ir poslinkiai

Visibility mode - User-defined / generated  
Global Deformations u [mm]  
Sections  
RC2 : SLS - Characteristic



2.22 pav. Konstrukcijos deformacijos ir poslinkiai U (deformuota schema) (SLS –Ch)

Visibility mode - User-defined / generated  
Global Deformations u-X [mm]  
Sections  
RC2 : SLS - Characteristic

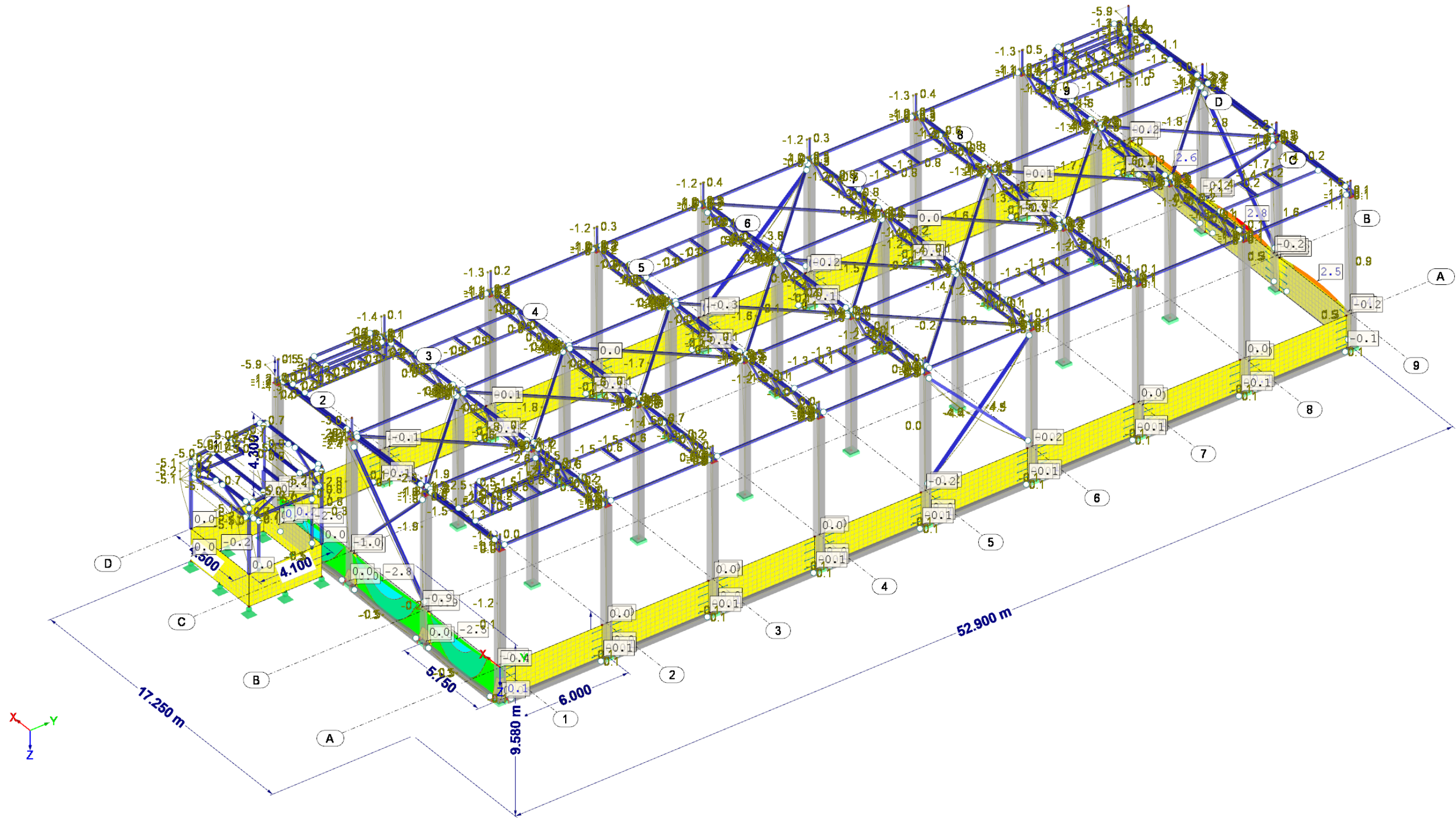


Max u-X: 14.2, Min u-X: -5.3 mm

2.23 pav. Plokščių ir strypų poslinkiai Ux (SLS –Ch)



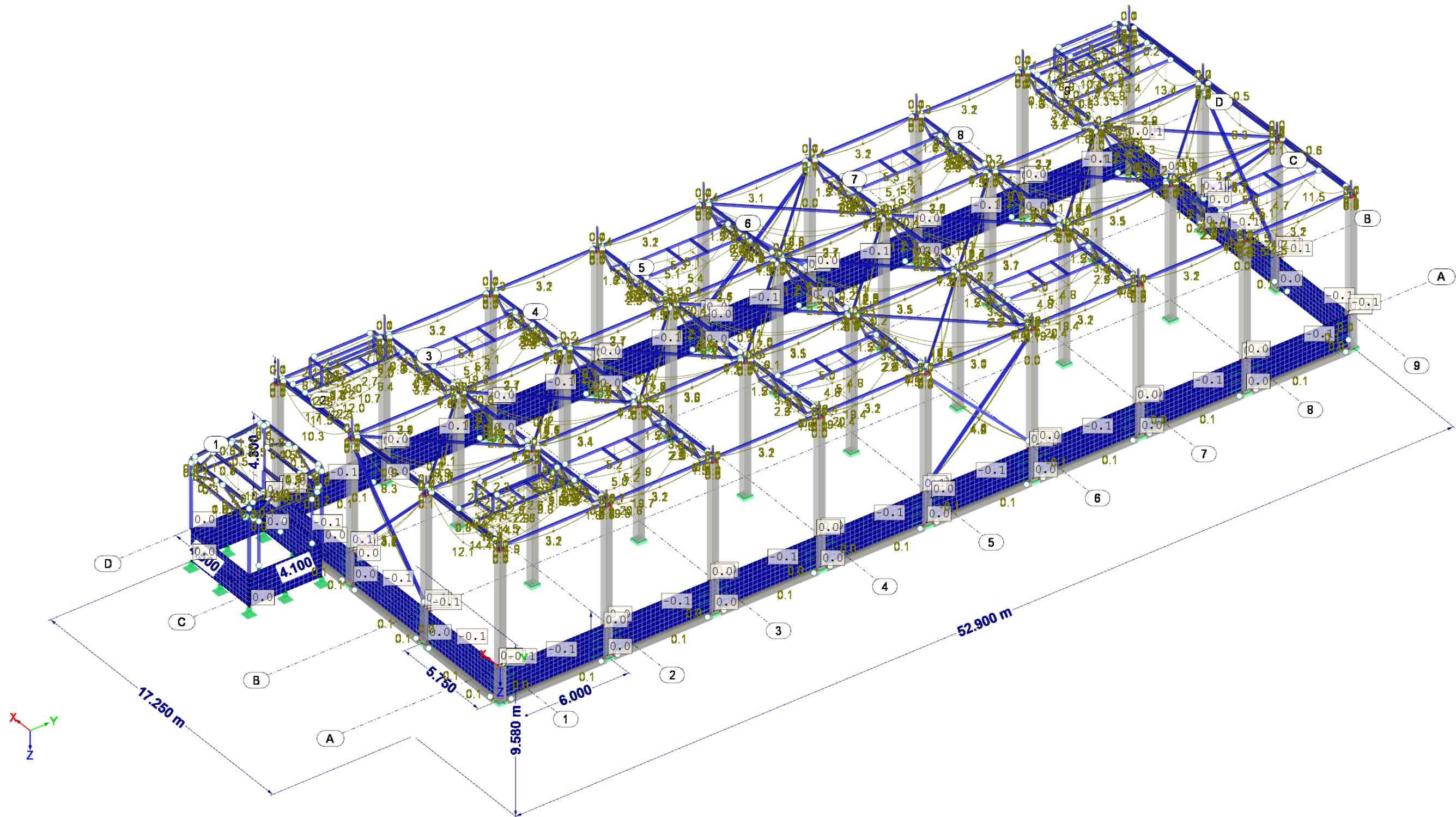
Visibility mode - User-defined / generated  
Global Deformations u-Y [mm]  
Sections  
RC2 : SLS - Characteristic



Max u-Y: 4.5, Min u-Y: -5.9 mm

2.24 pav. Plokščių ir strypų poslinkiai Uy (SLS –Ch)

Visibility mode - User-defined / generated  
Global Deformations u-Z [mm]  
Sections  
RC2 : SLS - Characteristic

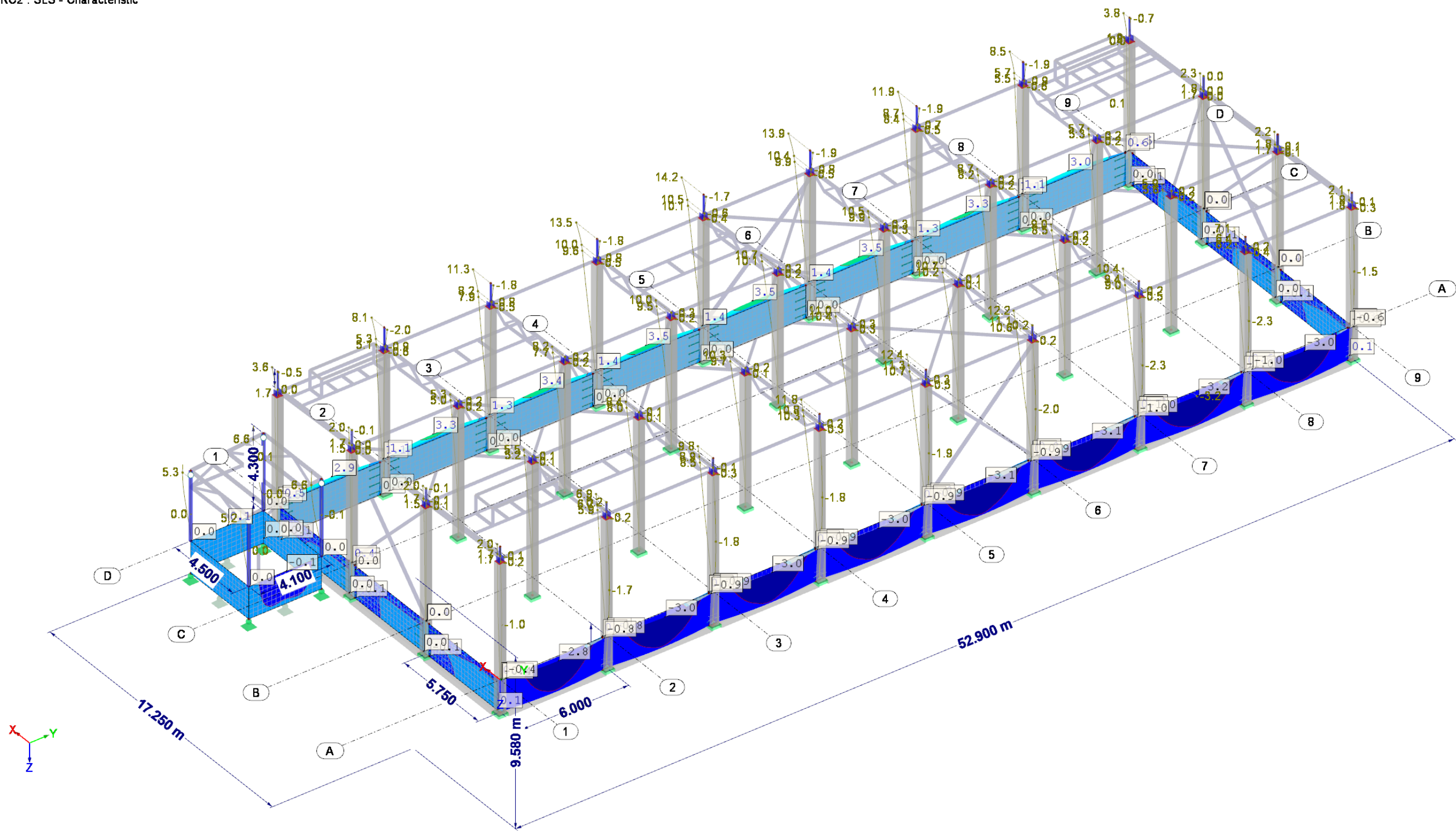


Max u-Z: 25.7, Min u-Z: -0.6 mm

2.25 pav. Plokščių ir strypų poslinkiai Uz (SLS –Ch)



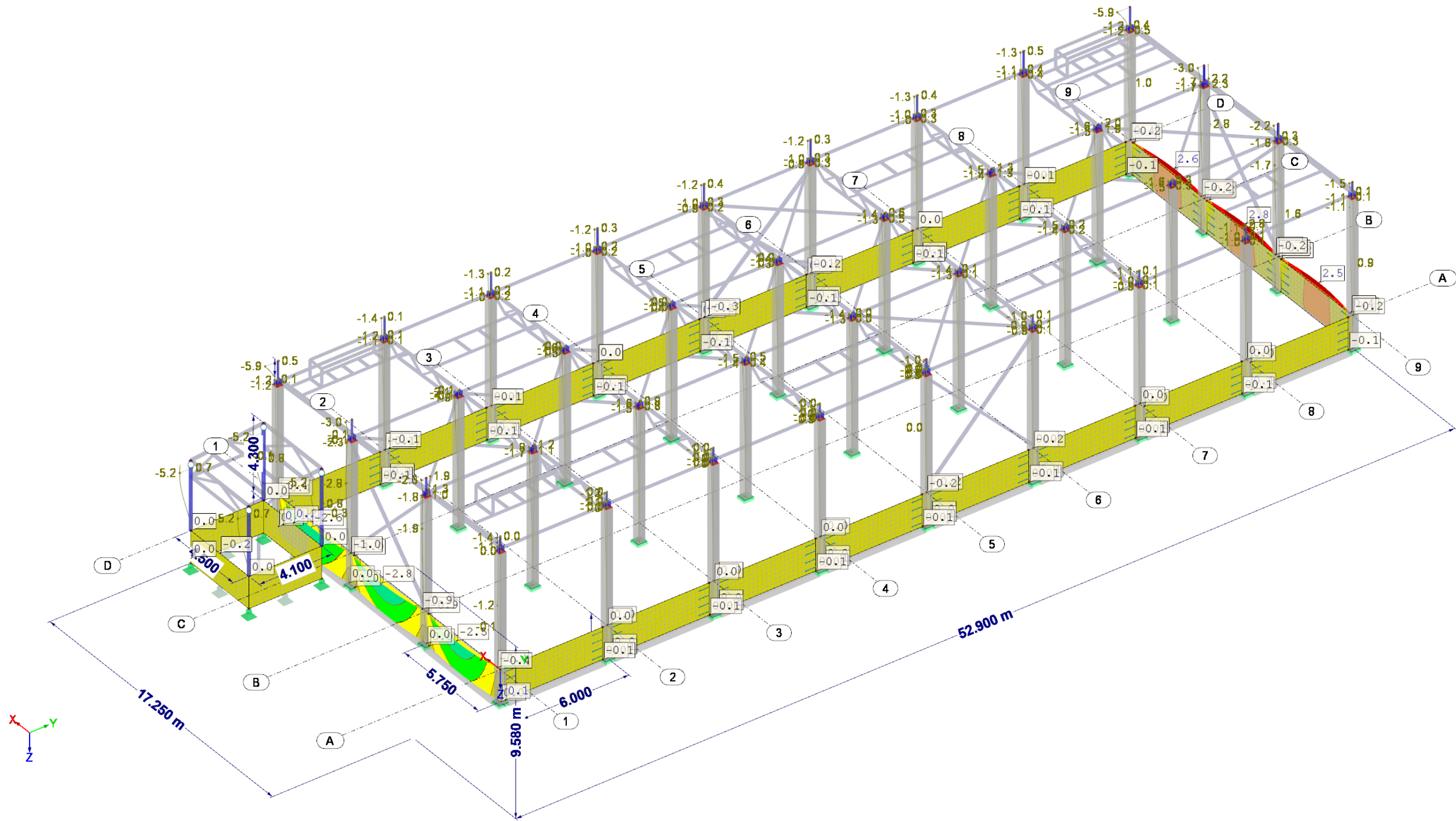
Visibility mode - User-defined / generated  
Global Deformations u-X [mm]  
Sections  
RC2 : SLS - Characteristic



Max u-X: 14.2, Min u-X: -3.2 mm

2.26 pav. Kolonų ir plokščių poslinkiai Ux (SLS –Ch)

Visibility mode - User-defined / generated  
Global Deformations u-Y [mm]  
Sections  
RC2 : SLS - Characteristic

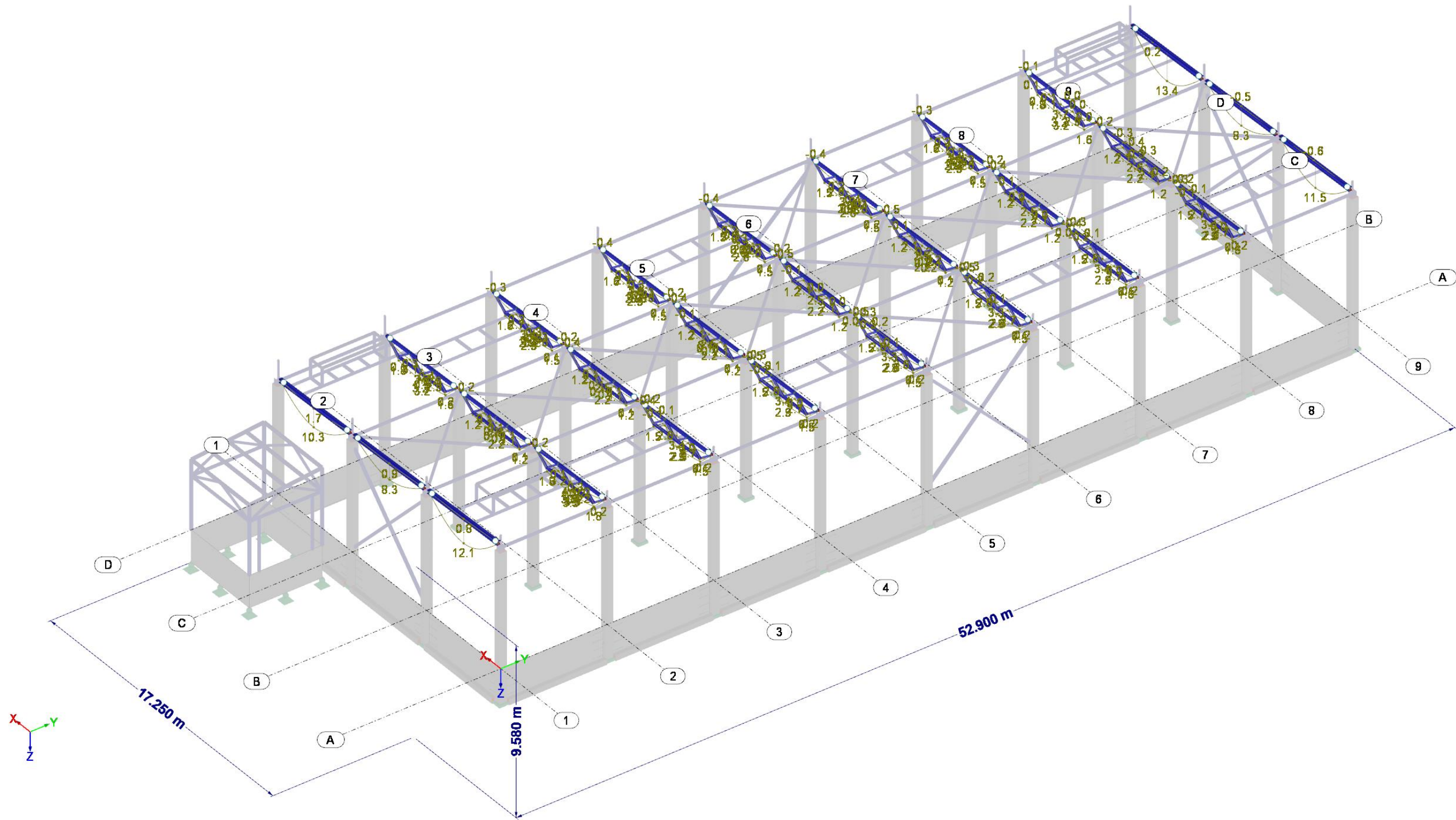


Max u-Y: 2.8, Min u-Y: -5.9 mm

2.27 pav. Kolonų ir plokščių poslinkiai Uy (SLS –Ch)



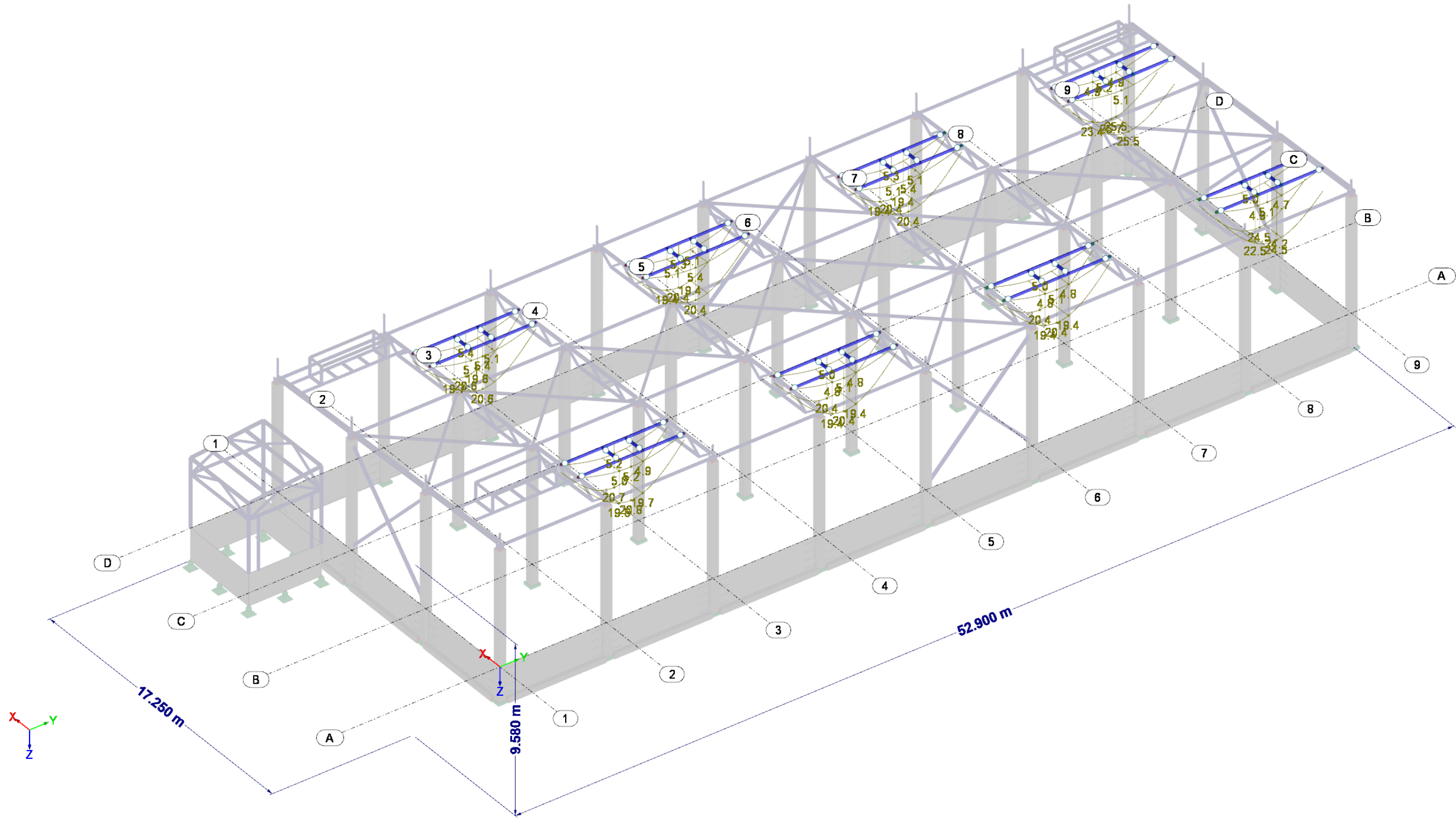
Visibility mode - User-defined  
Global Deformations u-Z [mm]  
Sections  
RC2 : SLS - Characteristic



Max  $u-Z$ : 13.4, Min  $u-Z$ : -0.6 mm

2.28 pav. Sijų ir santvarų poslinkiai  $U_z$  (SLS –Ch)

Visibility mode - Stoglangiu remai  
Global Deformations u-Z [mm]  
Sections  
RC2 : SLS - Characteristic

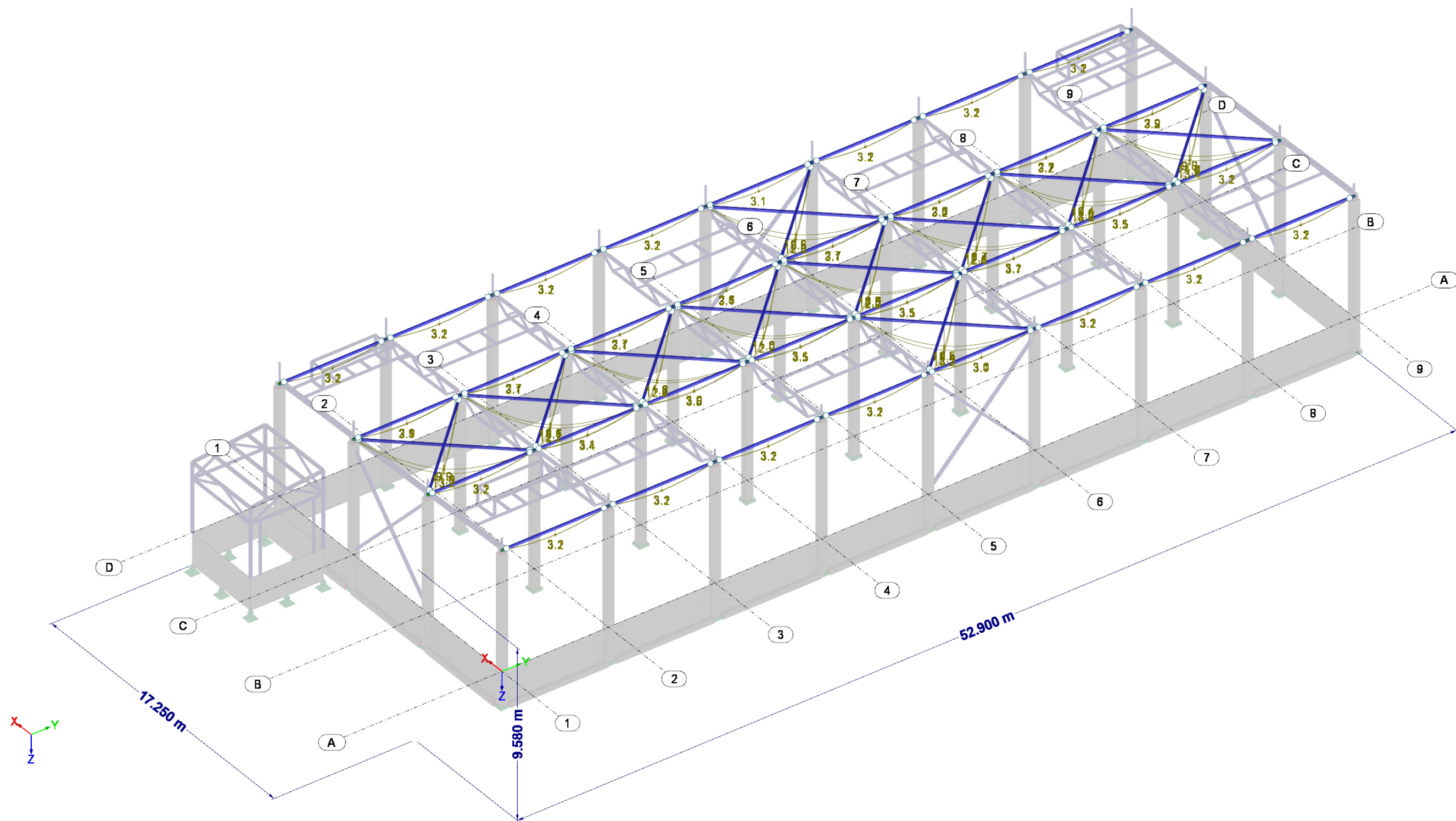


Max u-Z: 25.7, Min u-Z: -0.5 mm

2.29 pav. Stoglangių konstrukcijų poslinkiai Uz (SLS –Ch)

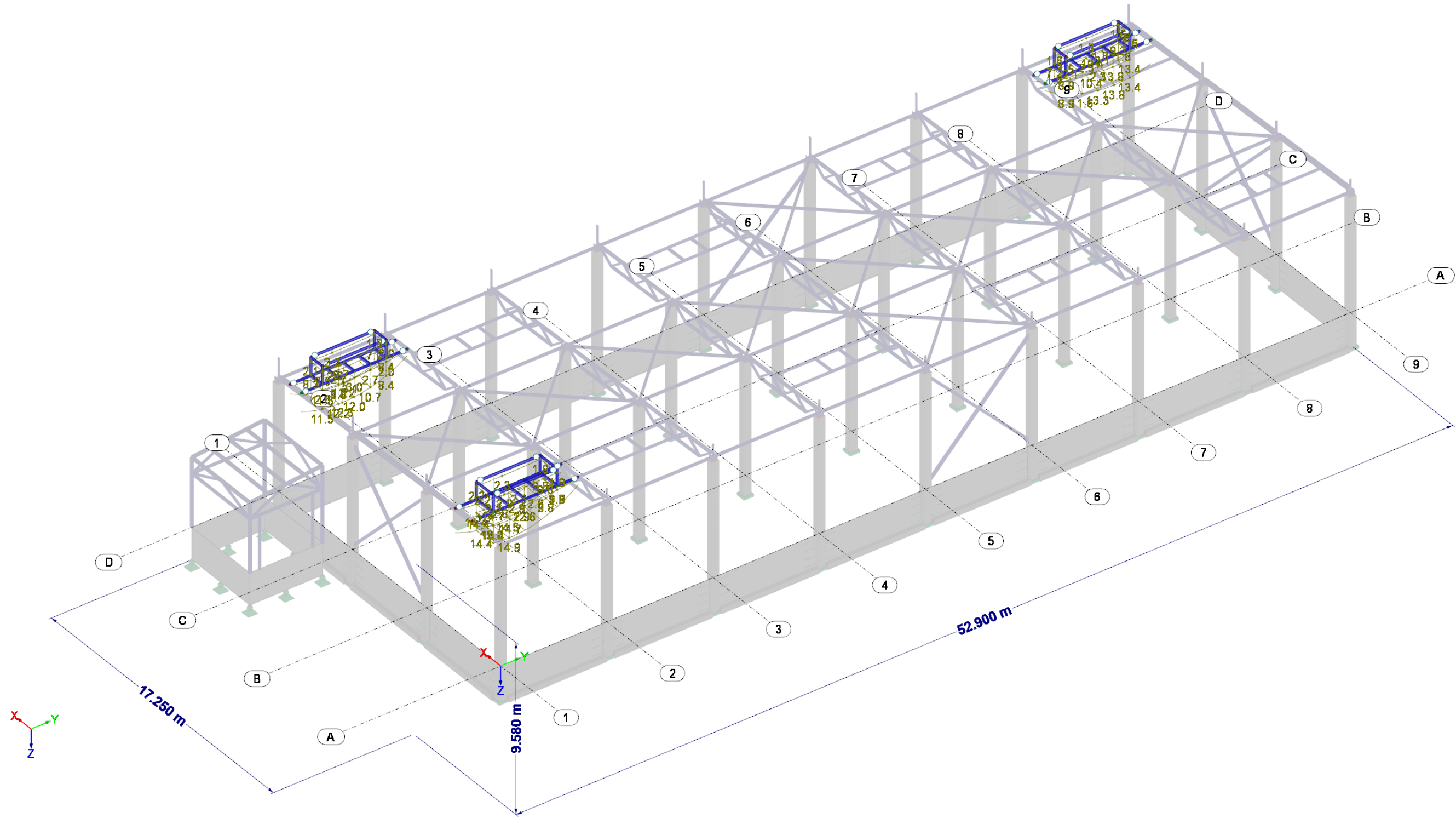


Visibility mode - User-defined  
Global Deformations u-Z [mm]  
Sections  
RC2 : SLS - Characteristic



2.30 pav. Stogo ryšių konstrukcijų poslinkiai Uz (SLS –Ch)

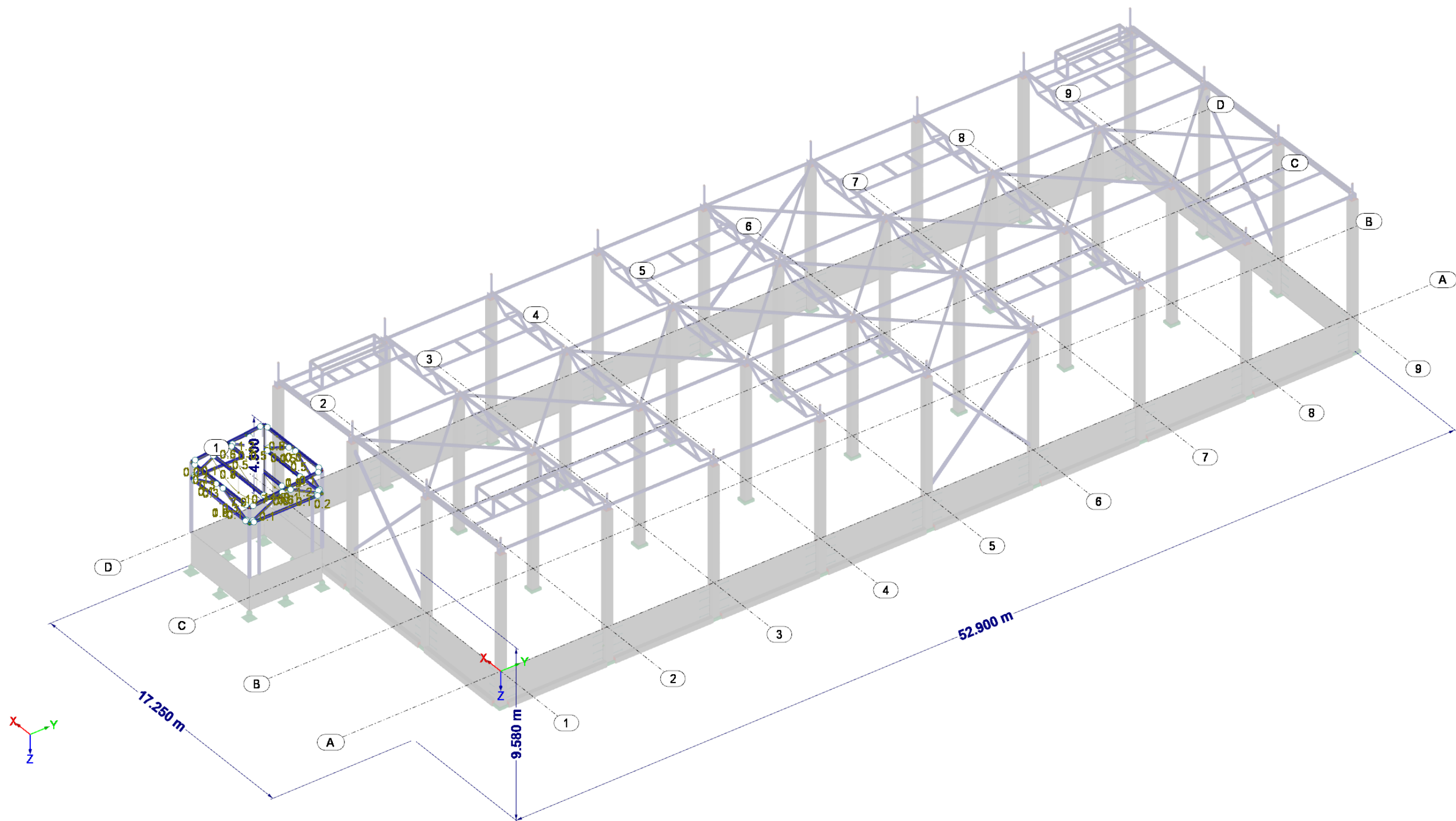
Visibility mode - ŠDVOK rėmai  
Global Deformations u-Z [mm]  
Sections  
RC2 : SLS - Characteristic



Max u-Z: 15.0, Min u-Z: 0.1 mm

2.31 pav. ŠVOK rėmų konstrukcijų poslinkiai Uz (SLS –Ch)

Visibility mode - Budelės denginio konstr.  
Global Deformations u-Z [mm]  
Sections  
RC2 : SLS - Characteristic

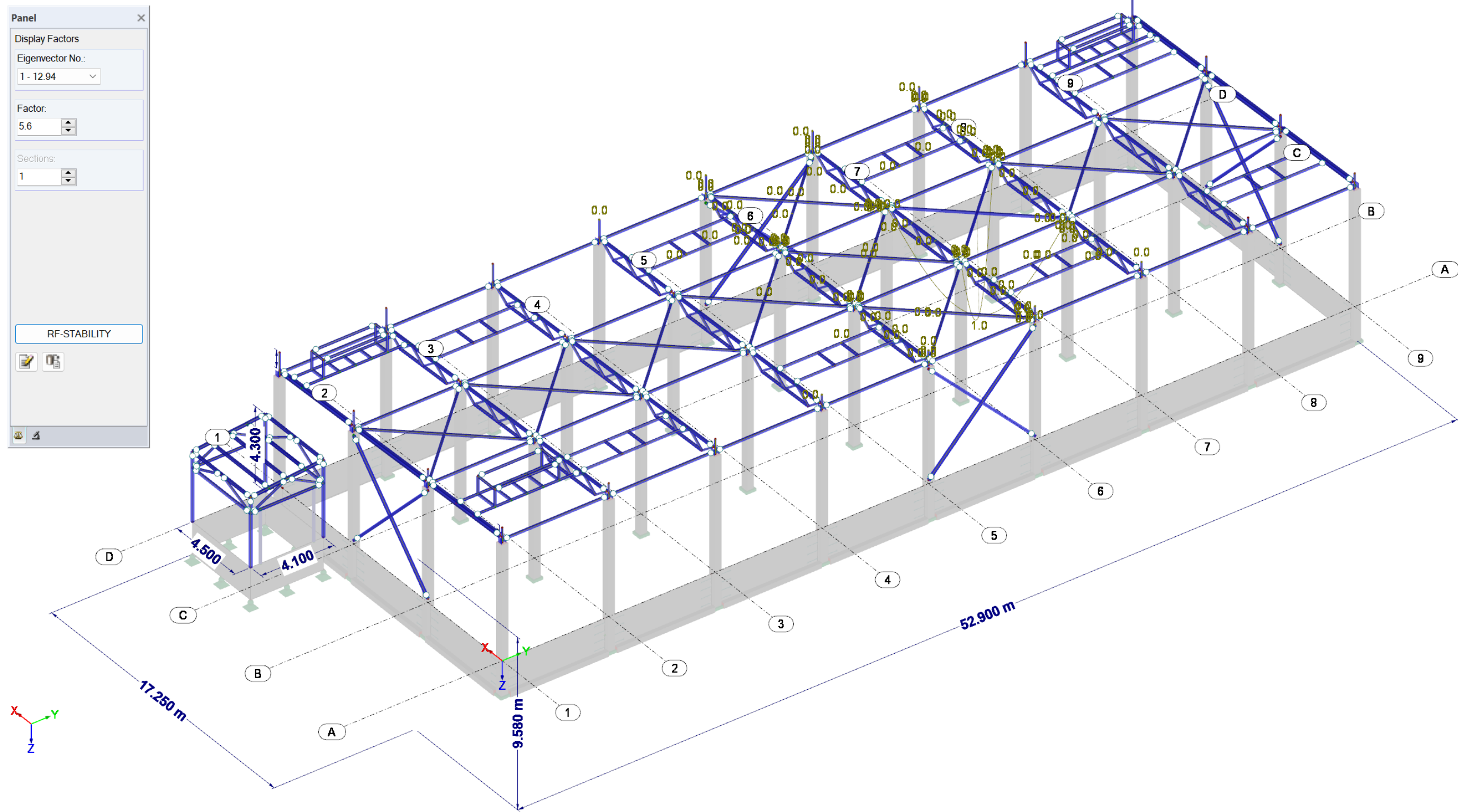


Max u-Z: 14.2, Min u-Z: -0.5 mm

2.32 pav. Pakrovimo priestato denginio konstrukcijų poslinkiai Uz (SLS –Ch)



Eigenvector - u [-]  
Sections  
RF-STABILITY CA1 - Stability analysis  
Eigenvector No. 1 - 12.94



Max u: 1.0, Min u: 0.0 -

2.33 pav. Statinio konstrukcijų stabilumo skaičiavimo rezultatai

### 2.7.3 Pastovumo ir stabilumo rezultatai

Poslinkių ir įlinkių duomenys ir rezultatai (sandėlio pastatui)

Poslinkiai	Skaičiavimuose gauta reikšmė, mm	Elemento ilgis/aukštis, m	Maksimali leistina reikšmė, mm	Leistinas ribinis santykis
<b>Horizontalūs poslinkiai</b>				
Kolonos (X kryptimi)	14,1	9,3	46,5	H/200
Kolonos (Y kryptimi)	5,9	9,3	46,5	H/200
Gb. cokolio plokštės (X kryptimi)	4,8	5,6	22,4	H/250
Gb. cokolio plokštės (Y kryptimi)	4,8	5,6	22,4	H/250
<b>Vertikalūs poslinkiai</b>				
Santvaros (Z kryptimi)	4,1	5,8	23,0	L/250
Sijos (Z kryptimi)	13,4	5,8	23,0	L/250
Stoglangių rėmai (Z kryptimi)	25,7	6,0	30,0	L/200
Stogo X ryšiai (Z kryptimi)	12,8	8,3	41,5	L/200
Stogo ryšiai (Z kryptimi)	3,7	6,0	30,0	L/200
ŠVOK rėmai (Z kryptimi)	15,0	6,0	30,0	L/200

Poslinkių ir įlinkių duomenys ir rezultatai (pakrovimo priestatui)

Poslinkiai	Skaičiavimuose gauta reikšmė, mm	Elemento ilgis/aukštis, m	Maksimali leistina reikšmė, mm	Leistinas ribinis santykis
<b>Horizontalūs poslinkiai</b>				
Kolonos (X kryptimi)	6,6	4,3	28,7	H/150
Kolonos (Y kryptimi)	5,2	4,3	28,7	H/150
Gb. rostverko plokštės (X kryptimi)	0,5	4,5	18,0	H/250
Gb. rostverko plokštės (Y kryptimi)	0,5	4,5	18,0	H/250
<b>Vertikalūs poslinkiai</b>				
Sijos (Z kryptimi)	14,2	4,5	18,0	L/250

Stabilumo skaičiavimų rezultatai

$f_{cr} = 12,94 > 1,0$  – konstrukcija išlieka stabili.

Kadangi  $f_{cr} \geq 10$  antros eilės efektų vertinti nereikia (LST EN 1993-1-1).

### 2.7.4 Statinio pastovumo ir stabilumo išvados

Maksimalūs poslinkiai ir įlinkiai neviršija leistinų maksimalių reikšmių ir tenkina reikalavimus pagal:

LST EN 1993-1-1 „Eurokodas 3. Plieninių konstrukcijų projektavimas 1-1 dalis. Bendrosios ir pastatų taisyklės.“;

LST EN 1992-1-1 „Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas 1-1 dalis. Bendrosios ir pastatų taisyklės.“;

Konstrukcija išlieka pastovi ir stabili.

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	54	267	0

## 2.8 Plieninių laikančiųjų konstrukcijų projektavimas

### 2.8.1 Plieninių strypinių elementų projektavimas

Plieninių konstrukcijų medžiagų parametrai, skaičiavimo nustatymai ir rezultatai pagal tinkamumo ir saugos ribinius būvius pateikti grafiškai.

1.1 General Data

Design of

Members: 89-109,2053-2055,2060-2062,2067-2069,2074-2075

Sets:

National Annex (NA)

LST

Ultimate Limit State Serviceability Limit State Fire Resistance

Existing Load Cases and Combinations

LC1	Nuosavas
LC2	Sluoksniai
LC3	Naudojimo
LC4	Sniegas (visas)
LC5	Vėjas x+
LC6	Vėjas y-
CO1	1.35G1 + 1.35G2
CO2	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub>
CO3	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.78Q
CO4	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.78Q
CO5	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.91Q <sub>s</sub>
CO6	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.91Q <sub>s</sub>
CO7	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.91Q <sub>s</sub>
CO8	1.35G1 + 1.35G2 + 1.3Q <sub>w1</sub>
CO9	1.35G1 + 1.35G2 + 1.3Q <sub>w2</sub>
CO10	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 1.3Q <sub>w</sub>
CO11	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 1.3Q <sub>w</sub>
CO12	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.91Q <sub>s</sub>
CO13	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.91Q <sub>s</sub>
CO14	1.35G1 + 1.35G2 + 0.91Q <sub>s</sub> + 1.3Q <sub>w</sub>
CO15	1.35G1 + 1.35G2 + 0.91Q <sub>s</sub> + 1.3Q <sub>w</sub>
CO16	1.35G1 + 1.35G2 + 1.3Q <sub>s</sub>
CO17	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 1.3Q <sub>s</sub>
CO18	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 1.3Q <sub>s</sub>

All (69)

Selected for Design

STR	RC1	ULS (STR/GEO) - Permanent /	Persistent and Transient
-----	-----	-----------------------------	--------------------------

2.34 pav. Stiprumo ribinio būvio deriniai



1.1 General Data

Design of

Members: 89-109,2053-2055,2060-2062,2067-2069,2074-207
Sets:

☐ All
☐ All

National Annex (NA)

LST

Ultimate Limit State

Serviceability Limit State

Fire Resistance

Existing Load Cases and Combinations

LC1

Nuosavas

LC2

Sluoksniai

LC3

Naudojimo

LC4

Sniegas (visas)

LC5

Vėjas x+

LC6

Vėjas y-

CO1

$1.35G1 + 1.35G2$

CO2

$1.35G1 + 1.35G2 + 1.3Q_{iE}$

CO3

$1.35G1 + 1.35G2 + 1.3Q_{iE} + 0.78Q$

CO4

$1.35G1 + 1.35G2 + 1.3Q_{iE} + 0.78Q$

CO5

$1.35G1 + 1.35G2 + 1.3Q_{iE} + 0.91Q_s$

CO6

$1.35G1 + 1.35G2 + 1.3Q_{iE} + 0.91Q_s$

CO7

$1.35G1 + 1.35G2 + 1.3Q_{iE} + 0.91Q_s$

CO8

$1.35G1 + 1.35G2 + 1.3Q_{w1}$

CO9

$1.35G1 + 1.35G2 + 1.3Q_{w2}$

CO10

$1.35G1 + 1.35G2 + 1.3Q_{iE} + 1.3Q_w$

CO11

$1.35G1 + 1.35G2 + 1.3Q_{iE} + 1.3Q_w$

CO12

$1.35G1 + 1.35G2 + 1.3Q_{iE} + 0.91Q_s$

CO13

$1.35G1 + 1.35G2 + 1.3Q_{iE} + 0.91Q_s$

CO14

$1.35G1 + 1.35G2 + 0.91Q_s + 1.3Q_w$

CO15

$1.35G1 + 1.35G2 + 0.91Q_s + 1.3Q_w$

CO16

$1.35G1 + 1.35G2 + 1.3Q_s$

CO17

$1.35G1 + 1.35G2 + 1.3Q_{iE} + 1.3Q_s$

CO18

$1.35G1 + 1.35G2 + 1.3Q_{iE} + 1.3Q_s$

All (69)

Selected for Design

RC2








SLS - Characteristic

Characteristic

### 2.35 pav. Tinkamumo ribinio būvio deriniai

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	56	267	0

## 1.2 Materials

Material No.	A		B	
	Material Description		Comment	
13		Concrete C50/60   EN 1992-1-1:2004/A1:201		
14		Muras (Brick, Group 3, Standard Mortar, M10		
15		Concrete C35/45   EN 1992-1-1:2004/A1:201		
16		Steel S 355   EN 1993-1-1:2005-05		
17		Concrete C40/50   EN 1992-1-1:2004/A1:201		
18		Standaus diskas rysiai		
19		AIII (S400) GOST		



### Material Properties

#### Main Properties

<input type="checkbox"/> Modulus of Elasticity	E	2.10000E+	kN/m <sup>2</sup>
<input type="checkbox"/> Shear Modulus	G	80769200.	kN/m <sup>2</sup>
<input type="checkbox"/> Poisson's Ratio	$\nu$	0.300	
<input type="checkbox"/> Specific Weight	$\gamma$	78.50	kN/m <sup>3</sup>
<input type="checkbox"/> Coefficient of Thermal Expansion	$\alpha$	1.2000E-0	1/°C
<input type="checkbox"/> Partial Safety Factor	$\gamma_M$	1.00	

#### Additional Properties

<input type="checkbox"/> Thickness Range $t \leq 40.0$ mm			
<input type="checkbox"/> Yield Strength	$f_y$	355.000	MPa
<input type="checkbox"/> Ultimate Strength	$f_u$	490.000	MPa
<input type="checkbox"/> Thickness Range $t > 40.0$ mm and $t \leq 80.0$ mm			
<input type="checkbox"/> Yield Strength	$f_y$	335.000	MPa
<input type="checkbox"/> Ultimate Strength	$f_u$	470.000	MPa
<input type="checkbox"/> Thickness Range $t > 80.0$ mm and $t \leq 100.0$ mm			
<input type="checkbox"/> Yield Strength	$f_y$	315.000	MPa
<input type="checkbox"/> Ultimate Strength	$f_u$	470.000	MPa
<input type="checkbox"/> Thickness Range $t > 100.0$ mm and $t \leq 150.0$ mm			
<input type="checkbox"/> Yield Strength	$f_y$	295.000	MPa
<input type="checkbox"/> Ultimate Strength	$f_u$	450.000	MPa
<input type="checkbox"/> Thickness Range $t > 150.0$ mm and $t \leq 200.0$ mm			
<input type="checkbox"/> Yield Strength	$f_y$	285.000	MPa
<input type="checkbox"/> Ultimate Strength	$f_u$	450.000	MPa
<input type="checkbox"/> Thickness Range $t > 200.0$ mm and $t \leq 250.0$ mm			
<input type="checkbox"/> Yield Strength	$f_y$	275.000	MPa

2.36 pav. Medžiagų parametrai

Details

Ultimate Limit State

Stability

Serviceability

Fire Resistance

Warping Torsion

Plasticity

General

Classification of Cross-Sections

Type of determination of  $\psi$  and  $\alpha$  acc. to Table 5.2:  
☐ Fixed  $N_{Ed}$ , increase  $M_{Ed}$  to reach  $f_{yd}$   
☒ Increase  $N_{Ed}$  and  $M_{Ed}$  uniformly

☒ For limit  $c/t$  of Class 3, increase material factor  $\epsilon$  acc. to 5.5.2(9)  
☐ Use SHAPE-THIN for classification of all supported cross-section types (only Classes 3 and 4 possible)  
☐ Determine effective widths according to EN 1993-1-5, Annex E  
☐ Calculate effective cross-section acc. to EN 1993-1-5, part 4.5 Stiffened plate with longitudinal stiffeners  
☒ Ignore classification of curved parts if  
 $c/t \leq$

Options

☐ Elastic design (also for Class 1 and Class 2 cross-sections)

Stability Analyses with Second-Order Internal Forces

☐ Use  $\gamma_{M1}$  for determination of the cross-section resistance

Cross-Section Check for M+N

☐ Use linear interaction acc. to 6.2.1(7)

Cross-Section Designs and Torsion

Limit shear stress for cross-section  
Torsion  $\tau_{t,Ed} / \tau_{t,Rd} \leq$

**2.37 pav.** Projektavimo sąlygų parametrai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	58	267	0

Details

Ultimate Limit State
Stability
Serviceability
Fire Resistance
Warping Torsion
Plasticity
General

Stability Analysis

☒ Perform stability analysis

Stability Analysis

Flexural buckling according to 6.3 about:

☒ Major y-axis

☒ Minor z-axis

Include second-order effects acc. to 5.2.2(4) by increasing bending moment about:

☐ Major y-axis
Factor:

☐ Minor z-axis
Factor:

Determination of Elastic Critical Moment for LTB

For members:

☒ Automatically by Eigenvalue Method

☐ Automatically by comparison of moment distribution and assignment of coefficient  $C_1$  ( $C_2$  and  $C_3$  will be determined by Eigenvalue Method, if required)

☐ Manual definition in Window 1.5

Load application of positive transverse loads:

☒ On cross-section edge directed to shear center (e.g. top flange, destabilizing effect)

☐ In shear center

☐ On cross-section edge directed from shear center (e.g. bottom flange, stabilizing effect)

Model Type According to Table B.3

☐ Sway y - y ( $C_{my} = 0.9$ )

☐ Sway z - z ( $C_{mz} = 0.9$ )

Limit Values for Stability Analysis

Do not consider small moments and compression forces if:

Compression
 $N_{c,Ed} / N_{pl}$ 
 $\leq$ 
0.010

Bending
 $M_{y,Ed} / M_{pl,y,Rd}$ 
 $\leq$ 
0.010

$M_{z,Ed} / M_{pl,z,Rd}$ 
 $\leq$ 
0.010

Limit shear stress due to torsion:

Torsion
 $\tau_{t,Ed} / \tau_{t,Rd}$ 
 $\leq$ 
0.050

Stability Analysis Method of Sets of Members Acc. to

☒ 6.3.1 ... 6.3.3 (Equivalent Member Method, valid for straight and uniform sets of members)

☐ 6.3.4 (General Method)

2.38 pav. Projektavimo sąlygų parametrai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	59	267	0

## 2.8.2 Plieninių elementų skaičiavimų rezultatai

### 2.2 Design by Cross-Section

Section No.	A Member No.	B Location x [m]	C Load-ing	D Design Ratio	E	F
						Design According to Formula
	2042	0.000	RC1	0.00	≤ 1	CS126) Cross-section check - Shear buckling acc. to 6.2.6(6)
	2279	0.150	RC1	0.01	≤ 1	CS142) Cross-section check - Bending and shear force acc. to 6.2.9.2 and 6.2.10 - Class 3
	2072	0.150	RC1	0.07	≤ 1	CS152) Cross-section check - Bending about z-axis and shear force acc. to 6.2.9.2 and 6.2.10 - Class 3
	2280	0.000	RC1	0.04	≤ 1	CS162) Cross-section check - Biaxial bending and shear force acc. to 6.2.9.2 and 6.2.10 - Class 3
	2042	0.150	RC1	0.03	≤ 1	CS182) Cross-section check - Bending, shear and axial force acc. to 6.2.9.2 - Class 3
	2050	0.000	RC1	0.14	≤ 1	CS202) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.2 - Class 3
	2071	0.000	RC1	0.14	≤ 1	CS222) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9 - Class 3
	2246	0.000	RC1	0.04	≤ 1	ST301) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2246	0.000	RC1	0.04	≤ 1	ST311) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2246	0.000	RC1	0.04	≤ 1	ST321) Stability analysis - Torsional buckling acc. to 6.3.1.4 and 6.3.1.2(4)

Max: 0.14 ≤ 1

Details - Member 2050 - x: 0.000 m - RC1

Material Properties - Steel S 355 | EN 1993-1-1:2005-05

Cross-Section Properties - HE A 280 | Euronorm 53-62

Design Internal Forces

Cross-Section Classification - Class 3

Design Ratio

Axial Force	N <sub>Ed</sub>	-78.43	kN		
Cross-Sectional Area	A	97.30	cm <sup>2</sup>		
Axial Stress due to N	σ <sub>x,N,Ed</sub>	8.060	MPa		
Moment	M <sub>z,Ed</sub>	13.78	kNm		
Elastic Section Modulus	W <sub>el,z</sub>	340.00	cm <sup>3</sup>		
Longitudinal Stress due to M <sub>z</sub>	σ <sub>x,Mz,f,Ed</sub>	40.543	MPa		
Axial Stress on Flange Edge	σ <sub>x,f,Ed</sub>	48.603	MPa		
Shear Force	V <sub>y,Ed</sub>	5.92	kN		
Effective Shear Area	A <sub>v,y</sub>	75.36	cm <sup>2</sup>		6.2.6(3)
Yield Strength	f <sub>y</sub>	355.000	MPa		3.2.1
Partial Factor	γ <sub>M0</sub>	1.000			6.1
Shear Force Resistance	V <sub>pl,y,Rd</sub>	1544.57	kN		Eq. (6.18)
Criterion V <sub>y,Ed</sub> / V <sub>pl,y,Rd</sub>	v <sub>y</sub>	0.004		≤ 0.5	6.2.10(2)
Resistance	σ <sub>x,Rd</sub>	355.000	MPa		Eq. (6.45)
Design Ratio	η	0.14		≤ 1	6.2.10

Design Formula

σ<sub>x,Ed</sub> / σ<sub>x,Rd</sub> = 0.14 ≤ 1 (6.42)

75 - HE A 280 | Euronorm 53-62

2.39 pav. Plieninių elementų (sandėlio antkolonių) skaičiavimų rezultatai



## 2.2 Design by Cross-Section

Section No.	Member No.	Location x [m]	Load-ing	Design Ratio	E	F
						Design According to Formula
	2338	0.000	RC1	0.21	$\leq 1$	CS143) Cross-section check - Bending and shear force acc. to 6.2.9.2 and 6.2.10 - Class 3 - General cross-section
	2337	0.000	RC1	0.22	$\leq 1$	CS145) Cross-section check - Bending and shear force acc. to 6.2.9.3 and 6.2.10 - Class 4
	2299	0.400	RC1	0.27	$\leq 1$	CS155) Cross-section check - Bending about z-axis and shear force acc. to 6.2.9.3 and 6.2.10 - Class 4
	2336	0.000	RC1	0.32	$\leq 1$	CS183) Cross-section check - Bending, shear and axial force acc. to 6.2.9.2 - Class 3 - General cross-section
	2274	0.000	RC1	0.44	$\leq 1$	CS191) Cross-section check - Bending, shear and axial force acc. to 6.2.9.3 - Class 4
	2299	0.000	RC1	0.76	$\leq 1$	CS211) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.3 - Class 4
	2274	0.000	RC1	0.44	$\leq 1$	ST332) Stability analysis - Lateral torsional buckling acc. to 6.3.2.1 and 6.3.2.2(4) - General Section
	2104	1.000	RC2	0.00	$\leq 1$	SE400) Serviceability - Negligible deformations
	2104	0.000	RC2	0.41	$\leq 1$	SE411) Serviceability - Combination of actions 'Characteristic' - z-direction, Cantilever
	2104	0.000	RC2	0.03	$\leq 1$	SE416) Serviceability - Combination of actions 'Characteristic' - y-direction, Cantilever

Max: 0.76  $\leq 1$

Details - Member 2299 - x: 0.000 m - RC1

Effective Cross-Section Properties

Design Ratio

Axial Force	N <sub>Ed</sub>	-1.80	kN		
Cross-Sectional Area	A <sub>eff</sub>	16.44	cm <sup>2</sup>		
Axial Stress due to N	$\sigma_{x,N,Ed}$	-1.097	MPa		
Moment	M <sub>z,Ed</sub>	-3.25	kNm		
Second Moment of Area	I <sub>eff,z</sub>	66.49	cm <sup>4</sup>		
Stress Point Coordinate	y <sub>SP</sub>	55.1	mm		
Longitudinal Stress due to M <sub>z</sub>	$\sigma_{x,Mz,Ed}$	269.506	MPa		
Axial Stress	$\sigma_{x,Ed}$	268.409	MPa		
Shear Force	V <sub>y,Ed</sub>	6.50	kN		
Statical Moment	Q <sub>z</sub>	0.00	cm <sup>3</sup>		
Thickness	t <sub>v,z</sub>	6.0	mm		
Shear Stress	$\tau_{V,y,Ed}$	0.000	MPa		
Yield Strength	f <sub>y</sub>	355.000	MPa		3.2.1
Partial Factor	$\gamma_{M0}$	1.000			6.1
Shear Force Resistance	V <sub>pl,y,Rd</sub>	80.28	kN		Eq. (6.18)
Criterion V <sub>y,Ed</sub> / V <sub>pl,y,Rd</sub>	v <sub>y</sub>	0.081		$\leq 0.5$	6.2.8(2)
Resistance	$\sigma_{x,Rd}$	355.000	MPa		Eq. (6.45)
Design Ratio	$\eta$	0.76		$\leq 1$	6.2.10

Design Formula

$\sigma_{x,Ed} / \sigma_{x,Rd} = 0.76 \leq 1$  (6.43)

57 - 2L(AA) L 100x50x6-8/5 | EN 10056-1:1998

2.40 pav. Plieninių elementų (sandėlio parapetų statramsčių) skaičiavimų rezultatai

## 2.2 Design by Cross-Section

Section No.	Member No.	Location x [m]	Load-ing	Design Ratio	E	F
Design According to Formula						
	2055	5.452	RC1	0.21	$\leq 1$	ST302) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	2252	5.452	RC1	0.06	$\leq 1$	ST311) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2055	5.452	RC1	0.21	$\leq 1$	ST312) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	2252	1.817	RC1	0.61	$\leq 1$	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2
	2053	0.000	RC2	0.00	$\leq 1$	SE400) Serviceability - Negligible deformations
	2055	2.858	RC2	0.21	$\leq 1$	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	2060	3.385	RC2	0.02	$\leq 1$	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction
72	QRO 120x4   EN 10219-2:2006					
	101	3.116	RC1	0.00	$\leq 1$	CS100) Negligible internal forces

Max: 0.61  $\leq 1$

Details - Member 2252 - x: 1.817 m - RC1

Interaction Factor	kzz	1.182		Tab. B.1
Axial Force (Compression)	N <sub>Ed</sub>	141.85	kN	
Governing Cross-Sectional Area	A <sub>i</sub>	26.40	cm <sup>2</sup>	Tab. 6.7
Compression Resistance	N <sub>Rk</sub>	937.20	kN	Tab. 6.7
Partial Factor	γ <sub>M1</sub>	1.000		6.1
Design Component for N	η <sub>Ny</sub>	0.39	$\leq 1$	(6.61)
Design Component for N	η <sub>Nz</sub>	0.39	$\leq 1$	(6.62)
Moment	M <sub>y,Ed</sub>	8.84	kNm	
Section Modulus	W <sub>y</sub>	132.00	cm <sup>3</sup>	
Moment Resistance	M <sub>y,Rk</sub>	46.86	kNm	Tab. 6.7
Moment Component	η <sub>My</sub>	0.19		Eq. (6.61)
Moment	M <sub>z,Ed</sub>	0.10	kNm	
Section Modulus	W <sub>z</sub>	132.00	cm <sup>3</sup>	
Moment Resistance	M <sub>z,Rk</sub>	46.86	kNm	Tab. 6.7
Limit Moment Portion	η <sub>Mz,lim</sub>	0.010		
Moment Portion M <sub>z,Ed</sub> / M <sub>pl,z,Rd</sub>	η <sub>Mpl,z,Rd</sub>	0.002	$\leq \eta_{Mz,lim}$	
Moment Component	η <sub>Mz</sub>	0.00		Eq. (6.61)
Design 1	η <sub>1</sub>	0.61	$\leq 1$	(6.61)
Design 2	η <sub>2</sub>	0.52	$\leq 1$	(6.62)

Design Formula

N<sub>Ed</sub> / (χ<sub>y</sub> N<sub>Rk</sub> / γ<sub>M1</sub>) + k<sub>yy</sub> M<sub>y,Ed</sub> / (χ<sub>LT</sub> M<sub>y,Rk</sub> / γ<sub>M1</sub>) + k<sub>yz</sub> M<sub>z,Ed</sub> / (M<sub>z,Rk</sub> / γ<sub>M1</sub>) = 0.61  $\leq 1$  (6.61)

N<sub>Ed</sub> / (χ<sub>z</sub> N<sub>Rk</sub> / γ<sub>M1</sub>) + k<sub>zy</sub> M<sub>y,Ed</sub> / (χ<sub>LT</sub> M<sub>y,Rk</sub> / γ<sub>M1</sub>) + k<sub>zz</sub> M<sub>z,Ed</sub> / (M<sub>z,Rk</sub> / γ<sub>M1</sub>) = 0.52  $\leq 1$  (6.62)

63 - QRO 140x5 | EN 10219-2:2006

2.41 pav. Plieninių elementų (sandėlio santvarų) skaičiavimų rezultatai

## 2.2 Design by Cross-Section

Section No.	A Member No.	B Location x [m]	C Load-ing	D Design Ratio	E	F Design According to Formula
	2286	5.452	RC1	0.01	$\leq 1$	CS101) Cross-section check - Tension acc. to 6.2.3
	2048	0.000	RC1	0.00	$\leq 1$	CS102) Cross-section check - Compression acc. to 6.2.4
	2285	2.331	RC1	0.29	$\leq 1$	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2285	0.000	RC1	0.10	$\leq 1$	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	2046	0.000	RC1	0.00	$\leq 1$	CS126) Cross-section check - Shear buckling acc. to 6.2.6(6)
	2285	2.331	RC1	0.29	$\leq 1$	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2285	2.331	RC1	0.28	$\leq 1$	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2285	2.331	RC1	0.38	$\leq 1$	ST331) Stability analysis - Lateral torsional buckling acc. to 6.3.2.1 and 6.3.2.3 - I-Section
	2047	0.000	RC2	0.00	$\leq 1$	SE400) Serviceability - Negligible deformations
	2047	2.726	RC2	0.45	$\leq 1$	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction

Max: 0.45  $\leq 1$

Details - Member 2047 - x: 2.726 m - RC2

Material Properties - Steel S 355 | EN 1993-1-1:2005-05

Cross-Section Properties - HE B 200 | Euronorm 53-62

Deflections

Design Ratio

Deflection	w <sub>max,z</sub>	8.2	mm		
Refer. Length	l	5.452	m		
Limit Value Criterion	l / w <sub>limit,z</sub>	300.00			
Limit Value of Deflection	w <sub>limit,z</sub>	18.2	mm		
Design Ratio	$\eta$	0.45		$\leq 1$	EN 1990 (6.1)

Design Formula

w<sub>max,z</sub> / w<sub>limit,z</sub> = 0.45  $\leq 1$  EN 1990 (6.13)

77 - HE B 200 | Euronorm 53-62

2.42 pav. Plieninių elementų (sandėlio fachverko sijų) skaičiavimų rezultatai

## 2.2 Design by Cross-Section

Section No.	Member No.	Location x [m]	Load-ing	Design Ratio	E	F
						Design According to Formula
	5	0.000	RC1	0.01	≤ 1	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	5	0.000	RC1	0.01	≤ 1	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	6	0.000	RC1	0.01	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1
	2	0.747	RC1	0.01	≤ 1	CS201) Cross-section check - Bending about z-axis, shear and axial force acc. to 6.2.9.1
	2	0.000	RC1	0.00	≤ 1	CS221) Cross-section check - Biaxial bending, shear and axial force acc. to 6.2.10 and 6.2.9
	836	3.612	RC1	0.06	≤ 1	ST301) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2	0.000	RC1	0.10	≤ 1	ST302) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2
	3	0.971	RC1	0.04	≤ 1	ST311) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2(4)
	2	0.000	RC1	0.31	≤ 1	ST312) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2
	807	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations

Max: 0.31 ≤ 1

Details - Member 2 - x: 0.000 m - RC1

Moment	Mz,Ed	0.42	kNm		
Moment Resistance	Mpl,z,Rd	47.93	kNm		
Limit Moment Portion	ηMz,iim	0.010			
Moment Portion Mz,Ed / Mpl,z,Rd	ηMpl,z,Rd	0.000		≤ ηMz,iir	
Modulus of Elasticity	E	210000.00	MPa		
Moment of Inertia	Iz	807.00	cm <sup>4</sup>		
Effective Member Length	Lcr,z	8.460	m		
Elastic Flexural Buckling Force	Ncr,z	233.68	kN		
Cross-Sectional Area	A	26.70	cm <sup>2</sup>		
Yield Strength	fy	355.000	MPa		3.2.1
Slenderness	λ <sub>z</sub>	2.014		> 0.2	6.3.1.2(4)
Axial Force (Compression)	NEd	64.67	kN		
Criterion NEd / Ncr,z	ηN,cr	0.277		> 0.04	6.3.1.2(4)
Buckling Curve	BCz	a			Tab. 6.2
Imperfection Factor	α <sub>z</sub>	0.210			Tab. 6.1
Auxiliary Factor	Φ <sub>z</sub>	2.719			6.3.1.2(1)
Reduction Factor	χ <sub>z</sub>	0.220			Eq. (6.49)
Partial Factor	γ <sub>M1</sub>	1.000			6.1
Flexural Buckling Resistance	Nb,z,Rd	208.56	kN		Eq. (6.47)
Design Ratio	η	0.31		≤ 1	(6.46)

Design Formula

NEd / Nb,z,Rd = 0.31 ≤ 1 (6.46)

85 - QRO 140x140x5 | ALUKÖNIGSTAHL - EN 10210

2.43 pav. Plieninių elementų (sandėlio ryšių) skaičiavimų rezultatai



## 2.2 Design by Cross-Section

Section No.	A Member No.	B Location x [m]	C Load-ing	D Design Ratio	E	F Design According to Formula
	2377	0.659	RC1	0.00	$\leq 1$	CS100) Negligible internal forces
78	RRO 140x80x10   EN 10210-2:2006					
	2368	2.868	RC1	0.20	$\leq 1$	CS111) Cross-section check - Bending about y-axis acc. to 6.2.5 - Class 1 or 2
	2365	0.000	RC1	0.02	$\leq 1$	CS121) Cross-section check - Shear force in z-axis acc. to 6.2.6
	2359	0.000	RC1	0.00	$\leq 1$	CS126) Cross-section check - Shear buckling acc. to 6.2.6(6)
	2368	2.868	RC1	0.20	$\leq 1$	CS141) Cross-section check - Bending and shear force acc. to 6.2.5 and 6.2.8
	2359	0.000	RC2	0.00	$\leq 1$	SE400) Serviceability - Negligible deformations
	2368	3.132	RC2	0.87	$\leq 1$	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction
	2373	3.132	RC2	0.01	$\leq 1$	SE406) Serviceability - Combination of actions 'Characteristic' - y-direction

Max: 0.87  $\leq 1$

Details - Member 2368 - x: 3.132 m - RC2

Material Properties - Steel S 355 | EN 1993-1-1:2005-05

Cross-Section Properties - RRO 140x80x10 | EN 10210-2:2006

Deflections

Design Ratio

Deflection	w <sub>max,z</sub>	17.5	mm		
Refer. Length	l	6.000	m		
Limit Value Criterion	l / w <sub>limit,z</sub>	300.00			
Limit Value of Deflection	w <sub>limit,z</sub>	20.0	mm		
Design Ratio	$\eta$	0.87		$\leq 1$	EN 1990 (6.1)

Design Formula

w<sub>max,z</sub> / w<sub>limit,z</sub> = 0.87  $\leq 1$  EN 1990 (6.13)

78 - RRO 140x80x10 | EN 10210-2:2006

2.44 pav. Plieninių elementų (sandėlio stoglangių rėmų) skaičiavimų rezultatai

## 2.2 Design by Cross-Section

A						B		C		D		E		F	
Section No.	Member No.	Location x [m]	Load-ing	Design Ratio		Design According to Formula									
	2434	1.680	RC1	0.09	≤ 1	CS181) Cross-section check - Bending, shear and axial force acc. to 6.2.9.1									
	2434	1.680	RC1	0.02	≤ 1	ST301) Stability analysis - Flexural buckling about y-axis acc. to 6.3.1.1 and 6.3.1.2(4)									
	2434	0.000	RC1	0.07	≤ 1	ST312) Stability analysis - Flexural buckling about z-axis acc. to 6.3.1.1 and 6.3.1.2									
	2434	0.000	RC1	0.07	≤ 1	ST326) Stability analysis - Torsional - Flexural buckling acc. to 6.3.1.4 and 6.3.1.2									
	2434	1.680	RC1	0.07	≤ 1	ST332) Stability analysis - Lateral torsional buckling acc. to 6.3.2.1 and 6.3.2.2(4) - General Section									
	2434	1.680	RC1	0.28	≤ 1	ST371) Stability analysis - Bending and compression acc. to 6.3.4, General Method									
	2400	0.000	RC2	0.00	≤ 1	SE400) Serviceability - Negligible deformations									
	2434	1.680	RC2	0.17	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction									
88 RRO 140x80x5   EN 10210-2:2006															

Max: 0.28 ≤ 1

> 1,0

Details - Member 2434 - x: 1.680 m - RC1

Material Properties - Steel S 355 | EN 1993-1-1:2005-05

Cross-Section Properties - UPE 140 | EN 10279

Design Internal Forces

Cross-Section Classification - Class 1

Design Ratio

Max. Cross-Section Check

Amplifier

Amplifier

Slenderness

Buckling Curve

Imperfection Factor

Auxiliary Factor

Reduction Factor

Buckling Curve

Imperfection Factor

Auxiliary Factor

Reduction Factor

Reduction Factor

Partial Factor

Design Ratio

η<sub>ult,k,max</sub>

α<sub>ult,k</sub>

α<sub>cr,op</sub>

λ<sub>op</sub>

BC<sub>z</sub>

α<sub>z</sub>

Φ<sub>op,z</sub>

χ<sub>op,z</sub>

BC<sub>LT</sub>

α<sub>LT</sub>

Φ<sub>op,LT</sub>

χ<sub>op,LT</sub>

χ<sub>op</sub>

γ<sub>M1</sub>

η

0.089

11.225

6.078

1.359

c

0.490

1.707

0.365

d

0.760

1.864

0.319

0.319

1.000

0.28

Eq. (6.2)

6.3.4(2)

6.3.4(3)

Eq. (6.64)

Tab. 6.2

Tab. 6.1

6.3.1.2(1)

Eq. (6.49)

Tab. 6.4

Tab. 6.3

6.3.2.2(1)

Eq. (6.56)

6.3.4(4) a)

6.1

(6.63)

≤ 1

Design Formula

γ<sub>M1</sub> / (χ<sub>op</sub> α<sub>ult,k</sub>) = 0.28 ≤ 1 (6.63)

79 - UPE 140 | EN 10279

65.0

5.0

140.0

21.7

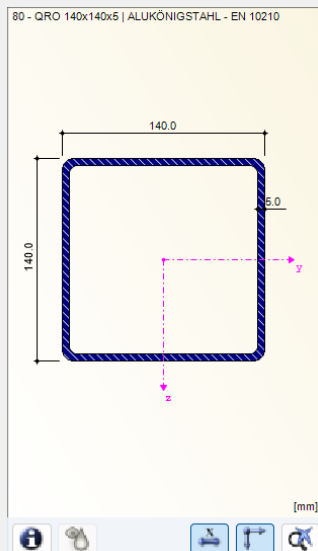
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2.45 pav. Plieninių elementų (sandėlio ŠVOK rėmų) skaičiavimų rezultatai

## 2.1 Design by Load Case

Load- ing	A	B	C	D	E	F	G
	Description	Member No.	Location x [m]	Design Ratio		Design According to Formula	DS
	Ultimate Limit State Design						
RC1	ULS (STR/GEO) - Perman	918	4.300	0.39	≤ 1	ST364) Stability analysis - Bending and compression acc. to 6.3.3, Method 2	PT
	Serviceability Limit State Design						
RC2	SLS - Characteristic	919	1.531	0.13	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	SC
RC3	SLS - Frequent	919	1.531	0.02	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	SF
RC4	SLS - Quasi-permanent	919	1.762	0.00	≤ 1	SE408) Serviceability - Combination of actions 'Quasi-permanent' - y-direction	SQ
Max: 0.39 ≤ 1							
Details - Member 918 - x: 4.300 m - RC1							
Interaction Factor	k <sub>yz</sub>	0.304				Tab. B.1	
Interaction Factor	k <sub>zy</sub>	0.304				Tab. B.1	
Interaction Factor	k <sub>zz</sub>	0.506				Tab. B.1	
Axial Force (Compression)	N <sub>Ed</sub>	44.12	kN				
Governing Cross-Sectional Area	A <sub>i</sub>	26.70	cm <sup>2</sup>			Tab. 6.7	
Compression Resistance	N <sub>Rk</sub>	947.85	kN			Tab. 6.7	
Partial Factor	γ <sub>M1</sub>	1.000				6.1	
Design Component for N	η <sub>Ny</sub>	0.33		≤ 1		(6.61)	
Design Component for N	η <sub>Nz</sub>	0.33		≤ 1		(6.62)	
Moment	M <sub>y,Ed</sub>	4.79	kNm				
Section Modulus	W <sub>y</sub>	135.00	cm <sup>3</sup>				
Moment Resistance	M <sub>y,Rk</sub>	47.93	kNm			Tab. 6.7	
Moment Component	η <sub>My</sub>	0.10				Eq. (6.61)	
Moment	M <sub>z,Ed</sub>	1.61	kNm				
Section Modulus	W <sub>z</sub>	135.00	cm <sup>3</sup>				
Moment Resistance	M <sub>z,Rk</sub>	47.93	kNm			Tab. 6.7	
Moment Component	η <sub>Mz</sub>	0.03				Eq. (6.61)	
Design 1	η <sub>1</sub>	0.39		≤ 1		(6.61)	
Design 2	η <sub>2</sub>	0.38		≤ 1		(6.62)	
Design Formula							
N <sub>Ed</sub> / (χ <sub>y</sub> N <sub>Rk</sub> / γ <sub>M1</sub> ) + k <sub>yy</sub> M <sub>y,Ed</sub> / (χ <sub>LT</sub> M <sub>y,Rk</sub> / γ <sub>M1</sub> ) + k <sub>yz</sub> M <sub>z,Ed</sub> / (M <sub>z,Rk</sub> / γ <sub>M1</sub> ) = 0.39 ≤ 1 (6.61)							
N <sub>Ed</sub> / (χ <sub>z</sub> N <sub>Rk</sub> / γ <sub>M1</sub> ) + k <sub>zy</sub> M <sub>y,Ed</sub> / (χ <sub>LT</sub> M <sub>y,Rk</sub> / γ <sub>M1</sub> ) + k <sub>zz</sub> M <sub>z,Ed</sub> / (M <sub>z,Rk</sub> / γ <sub>M1</sub> ) = 0.38 ≤ 1 (6.62)							



2.46 pav. Plieninių elementų (pakrovimo priestato kolonų) skaičiavimų rezultatai

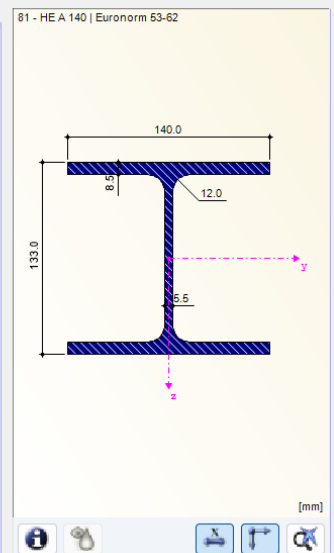
## 2.1 Design by Load Case

Loading	A	B	C	D	E	F	G
	Description	Member No.	Location x [m]	Design Ratio		Design According to Formula	DS
	Ultimate Limit State Design						
RC1	ULS (STR/GEO) - Permane	926	2.250	<div></div> 0.42	≤ 1	ST331) Stability analysis - Lateral torsional buckling acc. to 6.3.2.1 and 6.3.2.3 - I-Section	PT
	Serviceability Limit State Design						
RC2	SLS - Characteristic	926	2.250	<div></div> 0.87	≤ 1	SE401) Serviceability - Combination of actions 'Characteristic' - z-direction	SC
RC3	SLS - Frequent	926	2.250	<div></div> 0.32	≤ 1	SE402) Serviceability - Combination of actions 'Frequent' - z-direction	SF
RC4	SLS - Quasi-permanent	926	2.250	<div></div> 0.16	≤ 1	SE403) Serviceability - Combination of actions 'Quasi-permanent' - z-direction	SQ

Max:

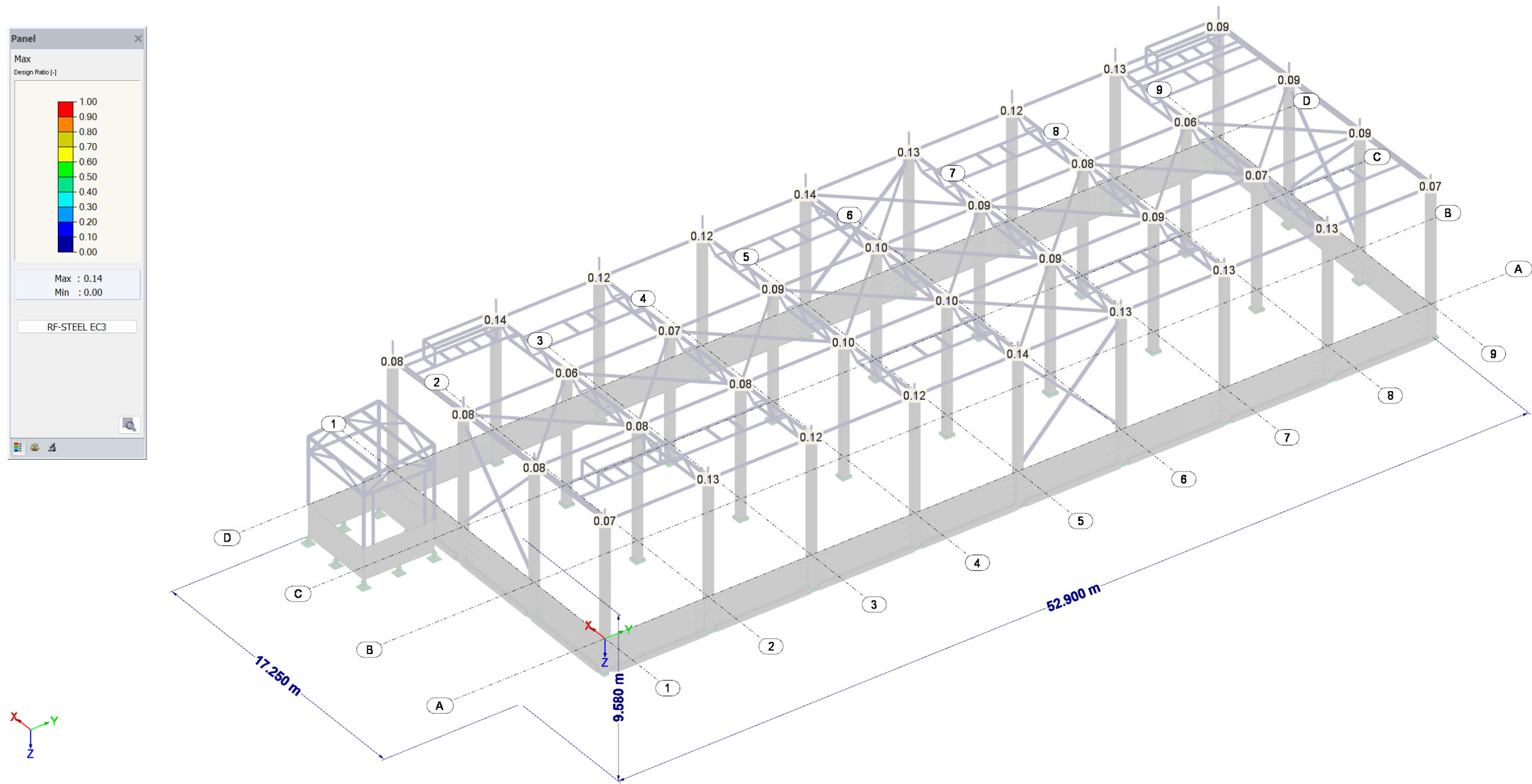
0.87 ≤ 1

> 1,0

[illegible]

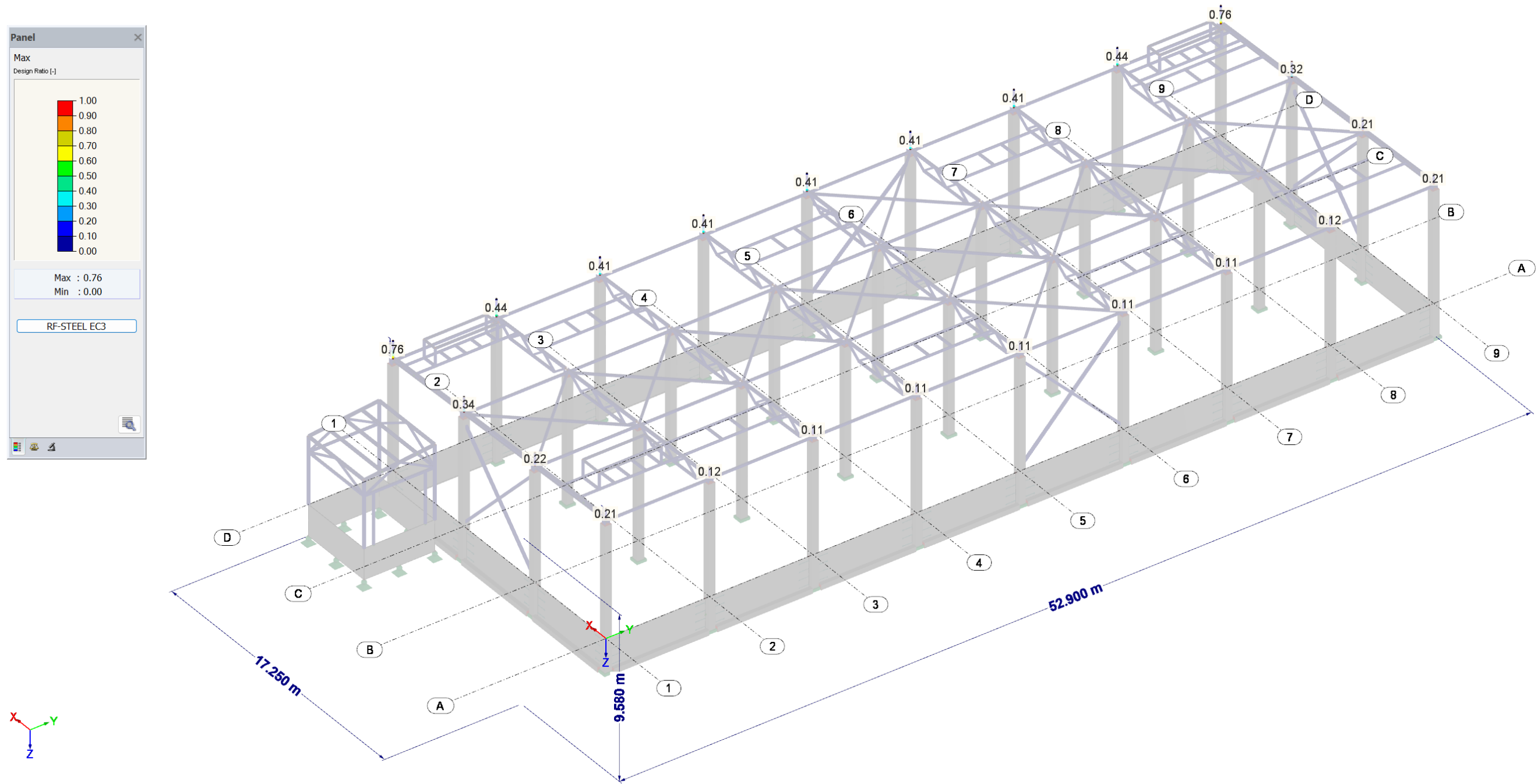
**2.47 pav.** Plieninių elementų (pakrovimo priestato denginio konstr.) skaičiavimų rezultatai





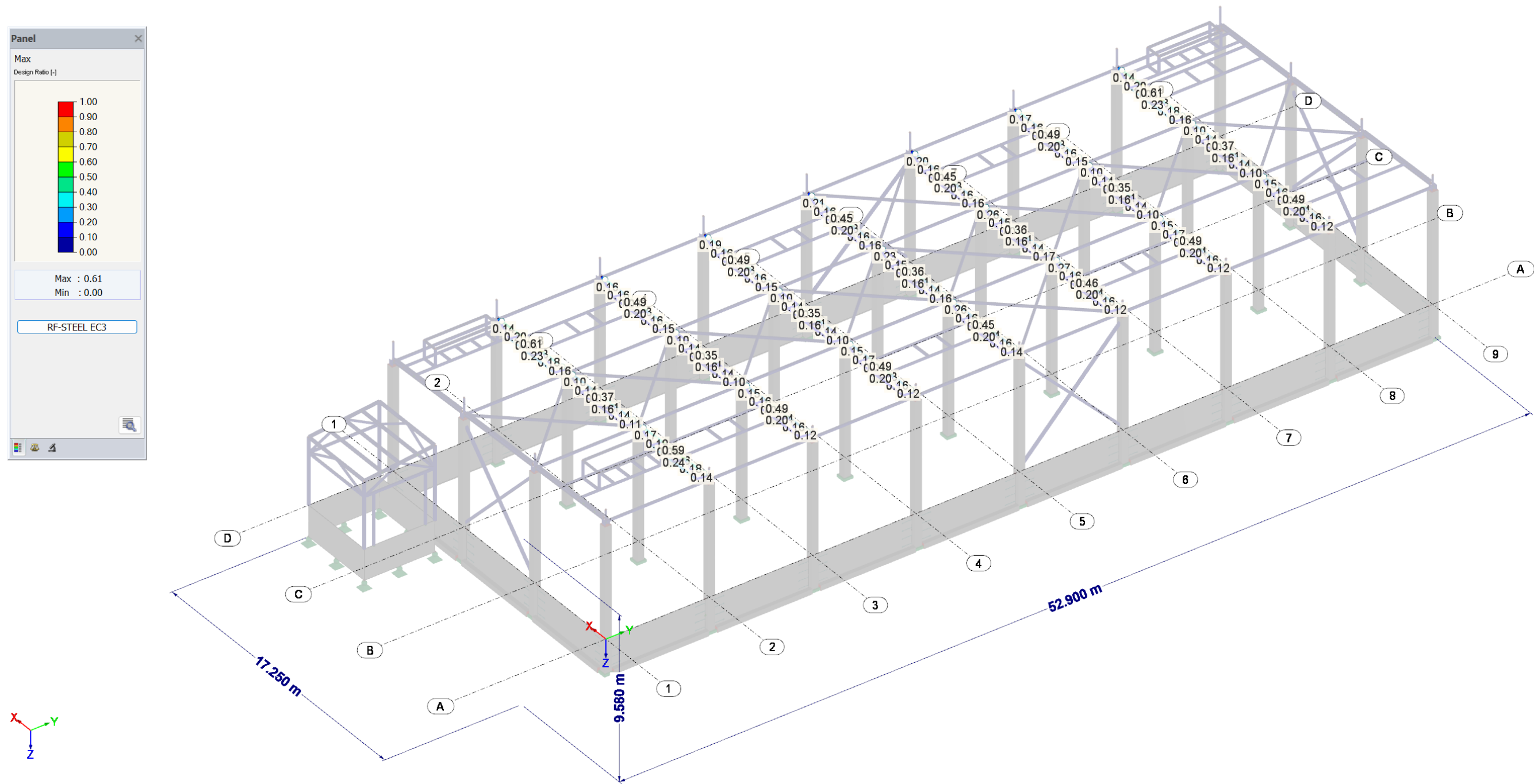
Max Design Ratio: 0.14

2.48 pav. Plieninių elementų (sandėlio antkolonių) skaičiavimų rezultatai



Max Design Ratio: 0.76

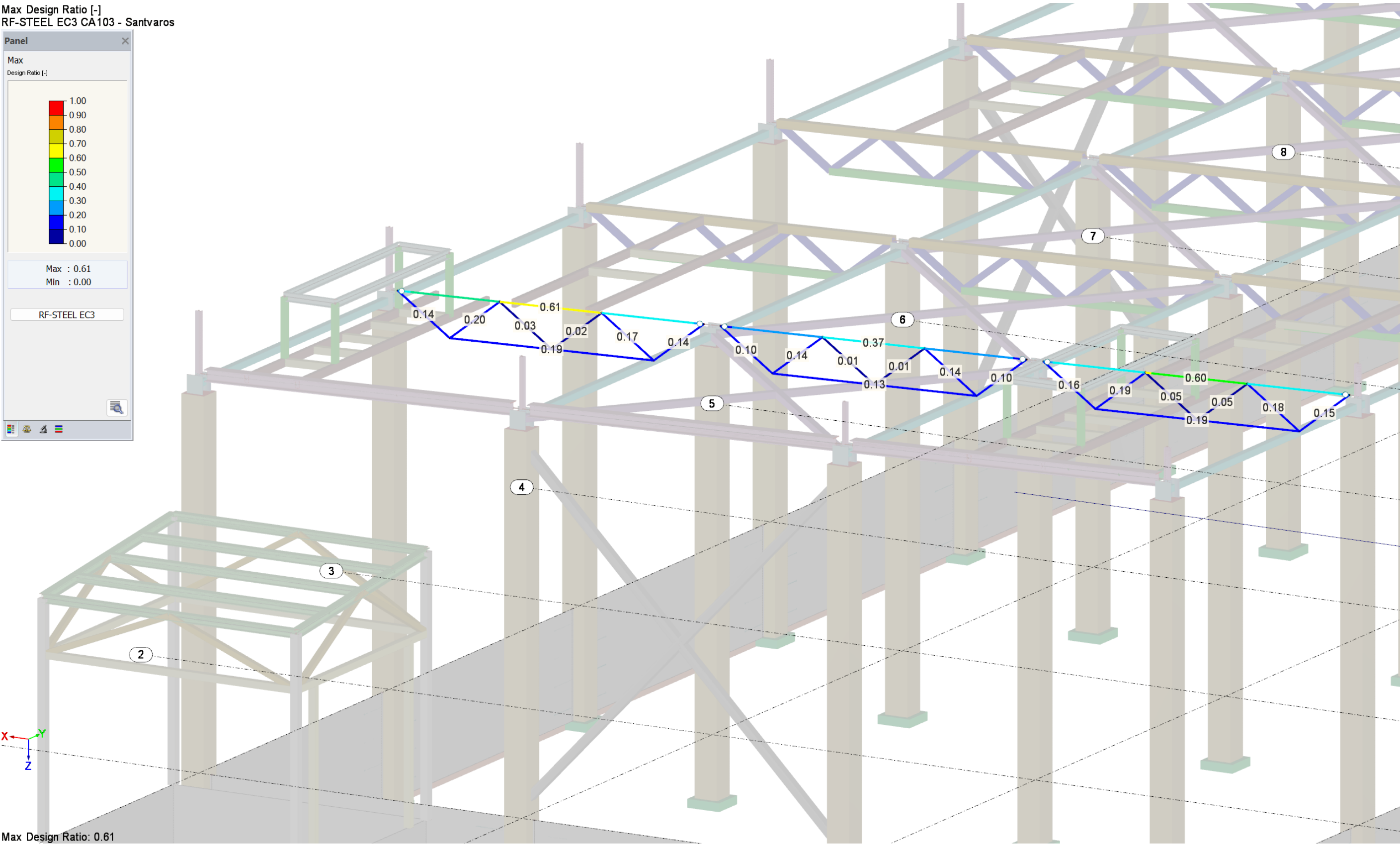
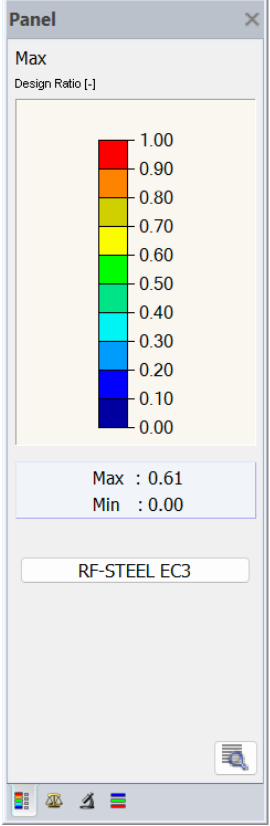
**2.49 pav.** Plieninių elementų (sandėlio parapetų statramsčių) skaičiavimų rezultatai



Max Design Ratio: 0.61

2.50 pav. Plieninių elementų (sandėlio santvarų) skaičiavimų rezultatai

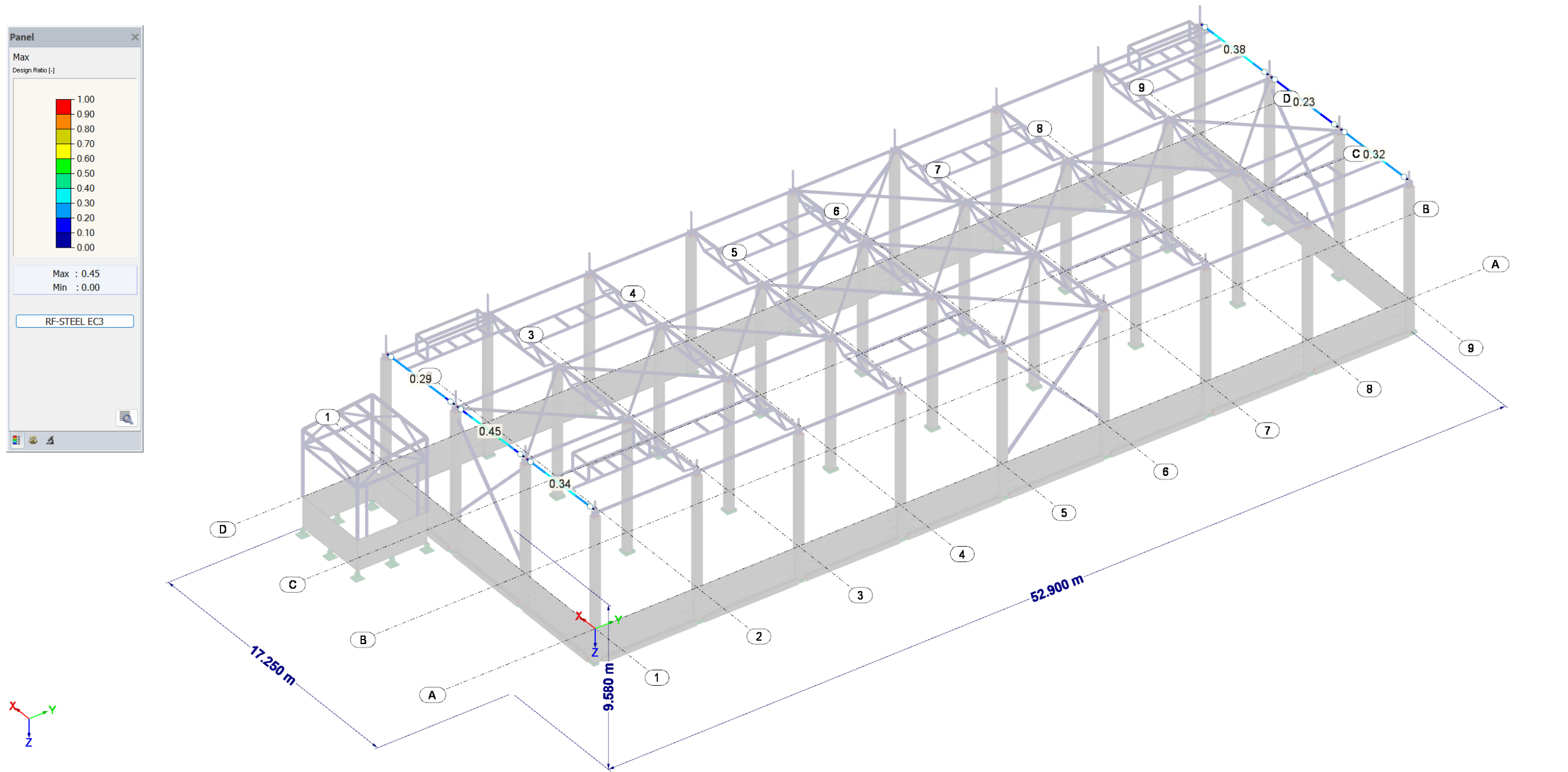
Max Design Ratio [-]  
RF-STEEL EC3 CA103 - Santvaros



2.51 pav. Plieninių elementų (sandėlio santvaros elementų) skaičiavimų rezultatai

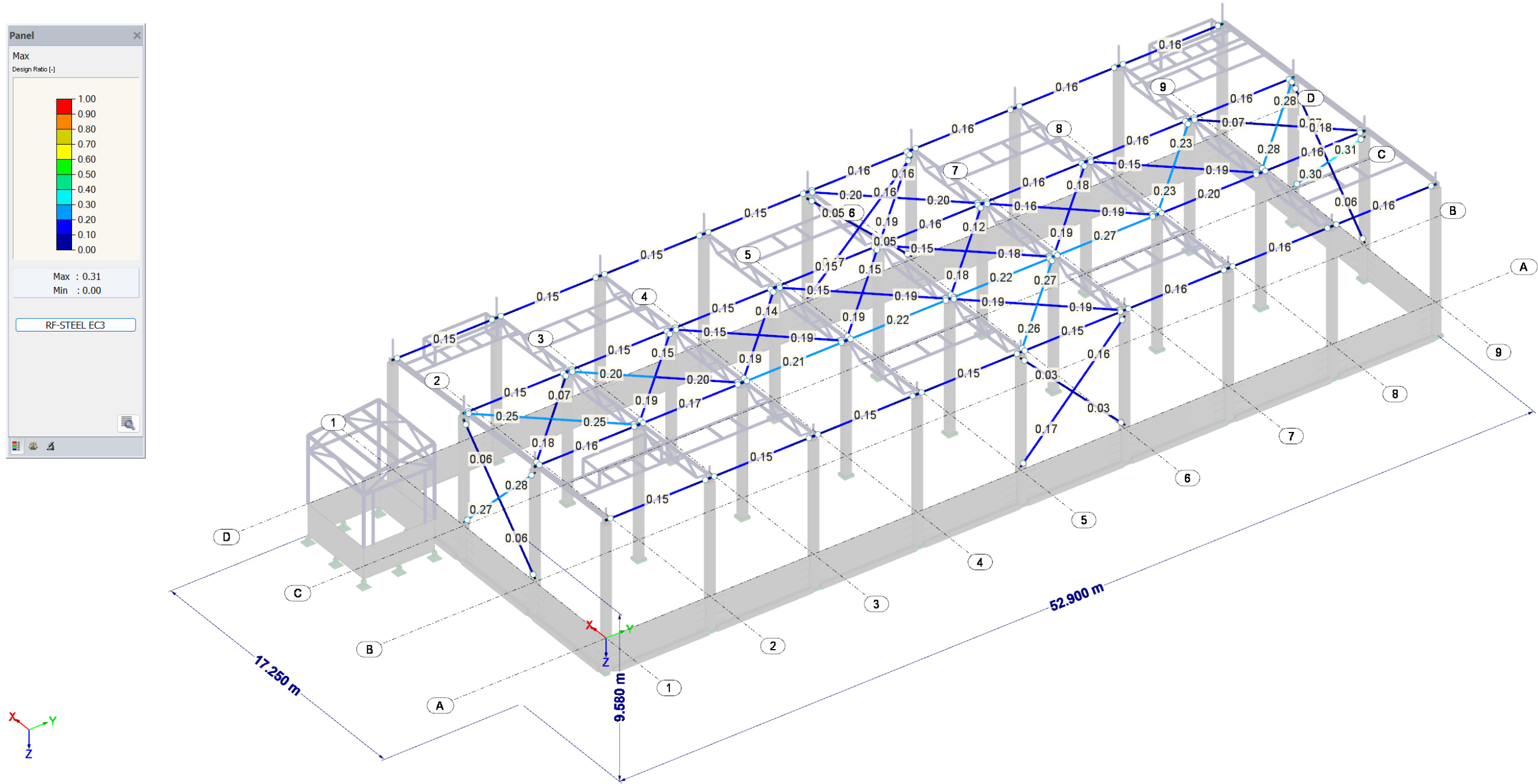


Max Design Ratio [-]  
RF-STEEL EC3 CA104 - Fachverko sijos



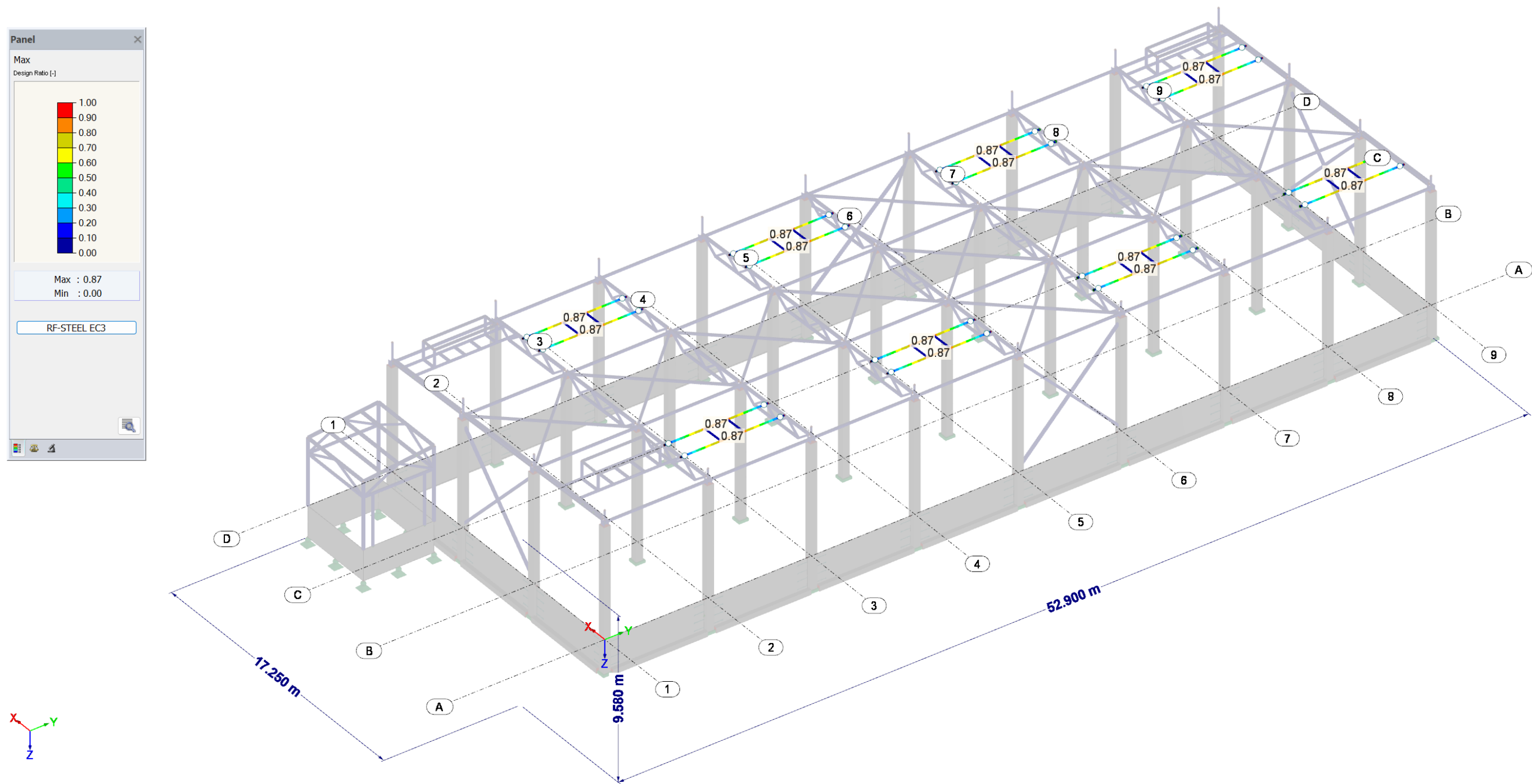
Max Design Ratio: 0.45

2.52 pav. Plieninių elementų (sandėlio fachverko sijų) skaičiavimų rezultatai



Max Design Ratio: 0.31

2.53 pav. Plieninių elementų (sandėlio ryšių) skaičiavimų rezultatai



Max Design Ratio: 0.87

2.54 pav. Plieninių elementų (sandėlio stoglangių rėmų) skaičiavimų rezultatai

**Panel** ✕

**Max**

Design Ratio [-]

1.00  
0.90  
0.80  
0.70  
0.60  
0.50  
0.40  
0.30  
0.20  
0.10  
0.00

Max : 0.28  
Min : 0.00

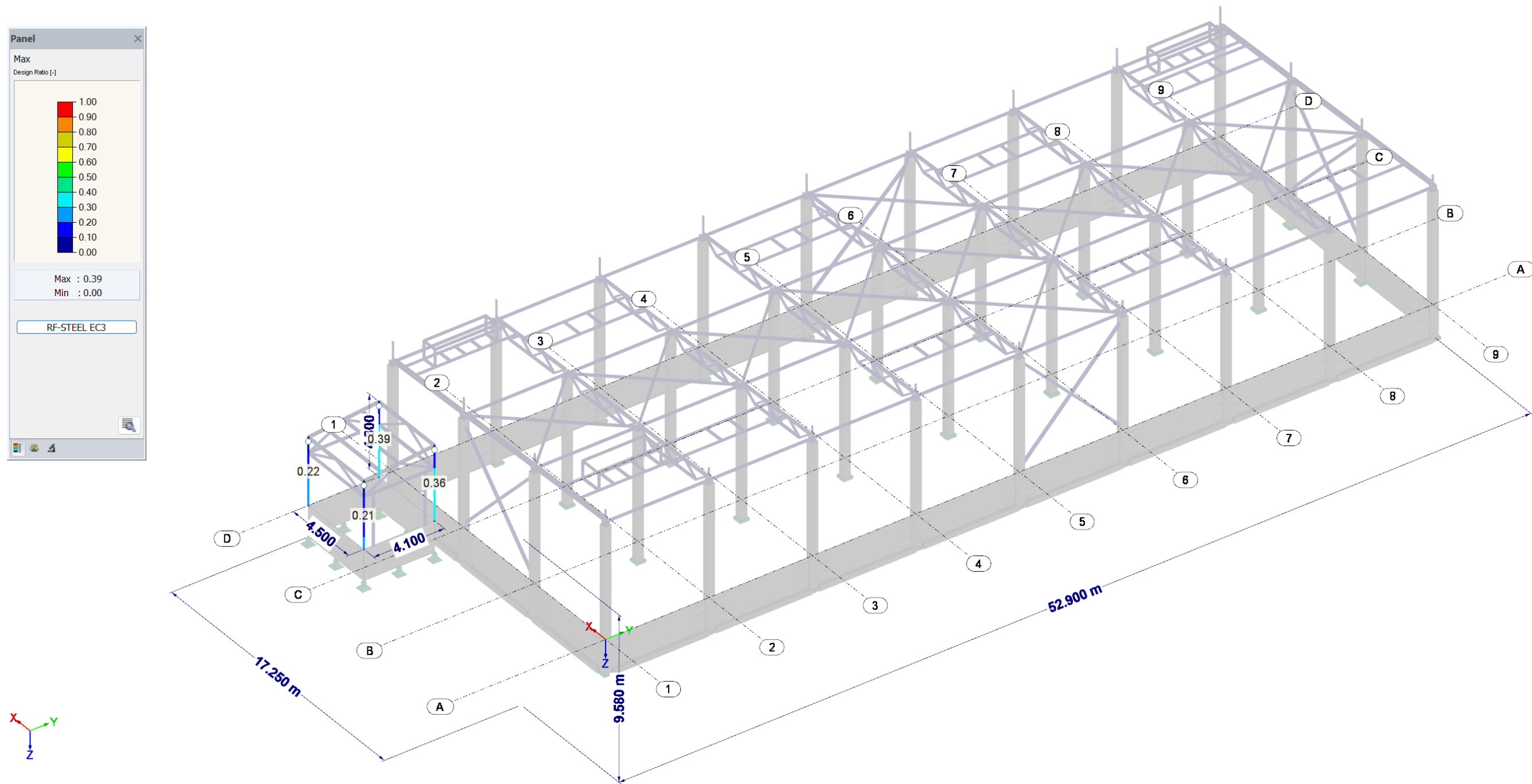
RF-STEEL EC3



3D perspective view of the building frame structure. The structure is a multi-story frame with a sloped roof. Dimensions are indicated: 17.250 m (width), 52.900 m (length), and 9.580 m (height). The structure is labeled with nodes 1 through 9 and A through D. A coordinate system (X, Y, Z) is shown at the base.

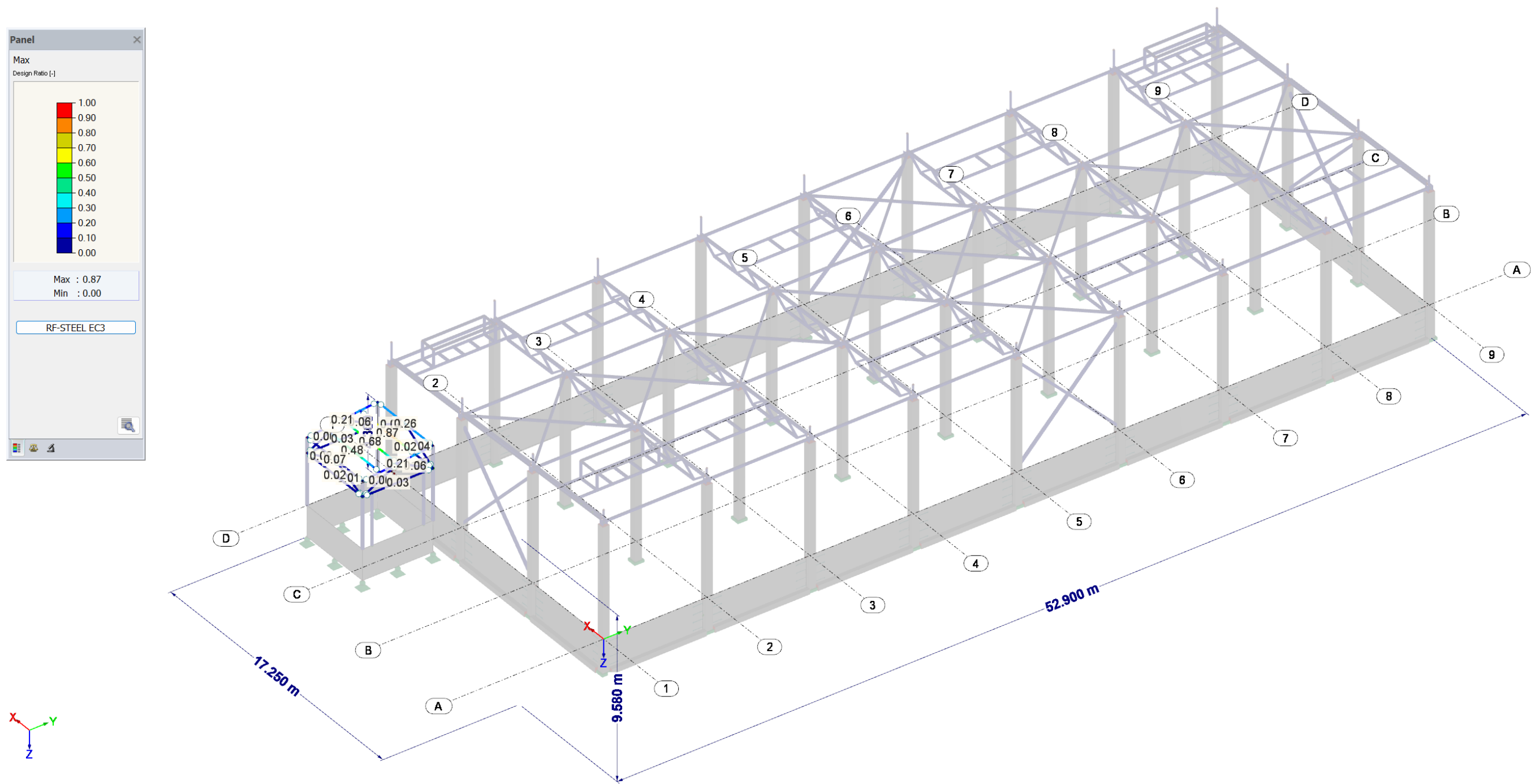
Max Design Ratio: 0.28





Max Design Ratio: 0.39

2.56 pav. Plieninių elementų (pakrovimo priestato kolonų) skaičiavimų rezultatai



Max Design Ratio: 0.87

2.57 pav. Plieninių elementų (pakrovimo priestato denginio konstr.) skaičiavimų rezultatai

2.9     Denginio profiliuotų apkrovas laikančių lakštų projektavimas

2.9.1   Stogo lakštų projektavimas

Lakštų medžiagų parametrai, skaičiavimo nustatymai ir rezultatai pagal tinkamumo ir saugos ribinius būvius.

Structural part: Sandėlio stogo TRP

Updated: 2025-10-18 17:44 (GMT) Version: 1.1.127 [c0d99eb] (2025-09-02)

Created: 2024-04-02 09:50 (GMT)

Reliability class: RC2

Structure type: Load bearing roof deck

Profile: Ruukki T130M-75L-930

Design situation: Normal

Deflection limit: L/200 (according to NA)

Roof slope: 0 °

Usage as lateral bracing for rafters: No

Usage of stressed skin effect: No

Supporting framework: Sheet on main supports

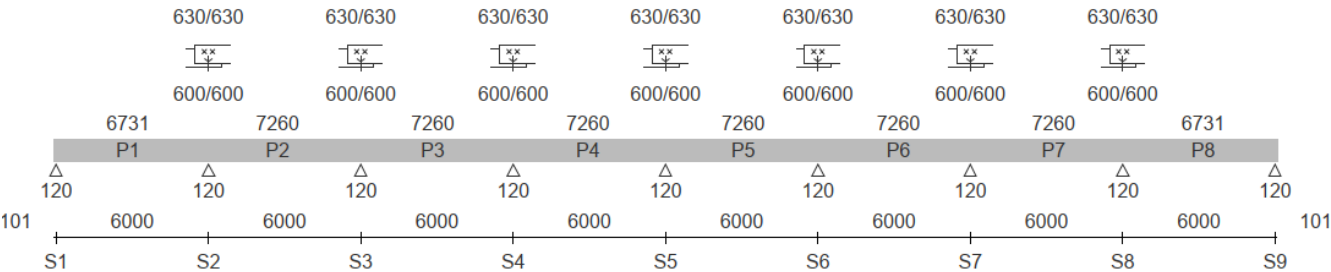
Chosen sheets fulfill design criteria. Maximum utilization rate: 64.4 %

Chosen fasteners fulfill design criteria. Maximum utilization rate: 93.5 %

Structural model

Left end: Length of cantilever: 101 mm

Right end: Length of cantilever: 101 mm



2.58 pav. Skaičiuojamoji schema ir įvesties duomenys

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	79	267	0

**Selected profile:** Ruukki T130M-75L-930**Total weight of the sheeting:** 13.2 kg/m<sup>2</sup>**Global warming potential, GWP (A1...A3):** 34.2 kg CO<sub>2</sub> eq. / m<sup>2</sup> Zinc-coated**Global warming potential, GWP (A1...A3):** 36.1 kg CO<sub>2</sub> eq. / m<sup>2</sup> Colour-coated

Sheet	Thickness / strength [mm] / [MPa]	Side overlap	Length [mm]
P1	1.0 / 350	1	6731
P2	0.7 / 350	0	7260
P3	0.7 / 350	0	7260
P4	0.7 / 350	0	7260
P5	0.7 / 350	0	7260
P6	0.7 / 350	0	7260
P7	0.7 / 350	0	7260
P8	1.0 / 350	1	6731

**2.59 pav. Lakštų profiliai ir geometrija****Supports and joints**

Support	Support width [mm]	Joint type	Overlap [mm]
S1	120	End support (vertical)	-
S2	120	Overlap	600 / 600
S3	120	Overlap	600 / 600
S4	120	Overlap	600 / 600
S5	120	Overlap	600 / 600
S6	120	Overlap	600 / 600
S7	120	Overlap	600 / 600
S8	120	Overlap	600 / 600
S9	120	End support (vertical)	-

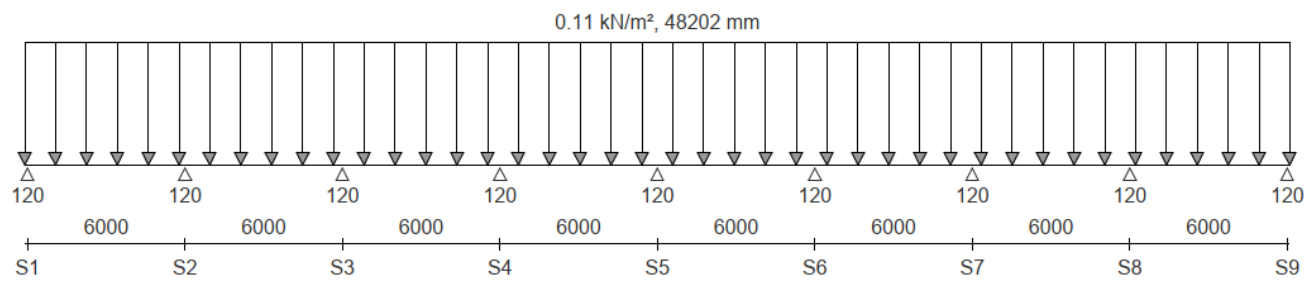
**2.60 pav. Atramos ir jungtys**

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	80	267	0



Dead load

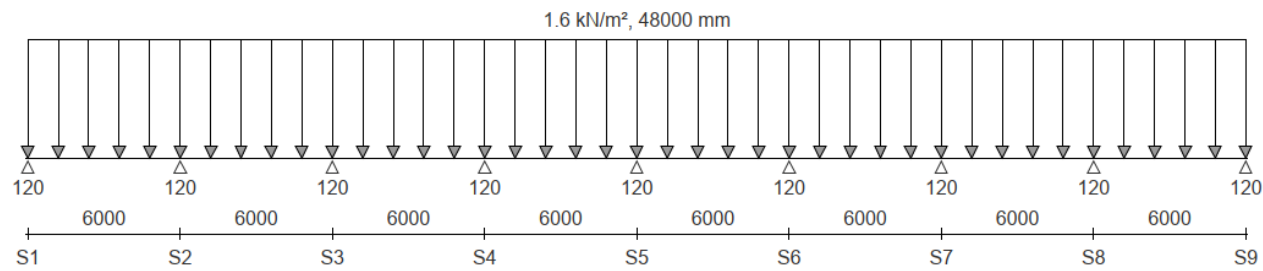
Structure weight without sheet: 0.11 kN/m<sup>2</sup>



2.61 pav. Apkrovos (nuolatinė)

Snow load

Basic snow load: 1.6 kN/m<sup>2</sup>



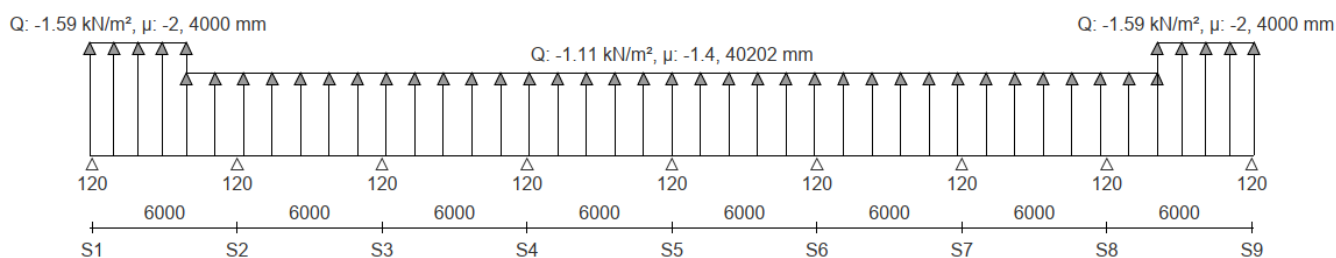
2.62 pav. Apkrovos (sniegas)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	81	267	0

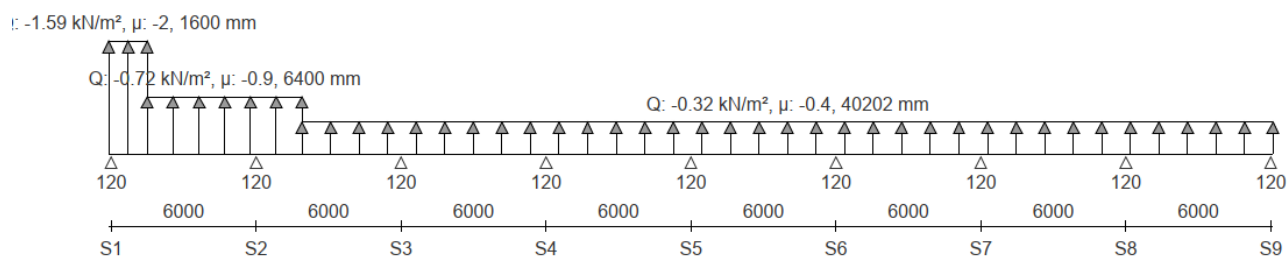
## Wind load

Basic wind load:  $0.796 \text{ kN/m}^2$

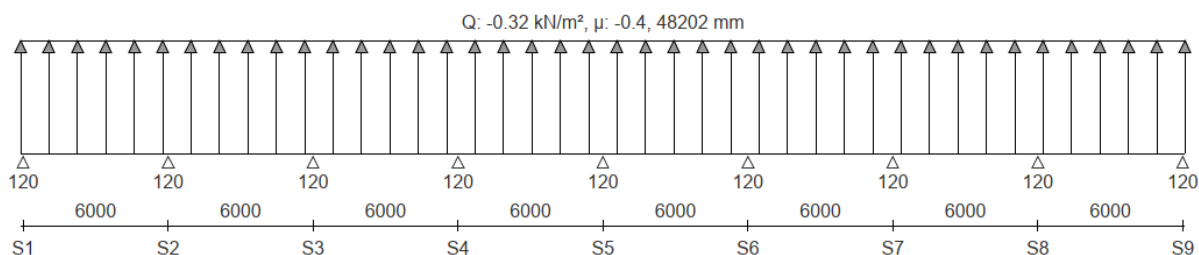
### Case 1



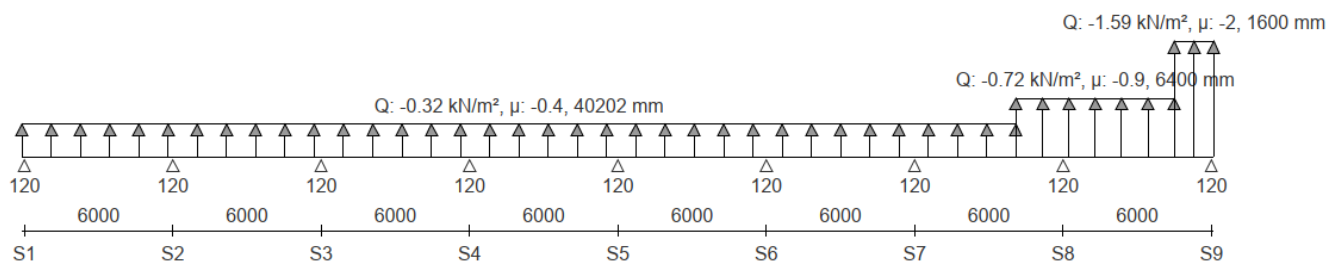
### Case 2



### Case 3



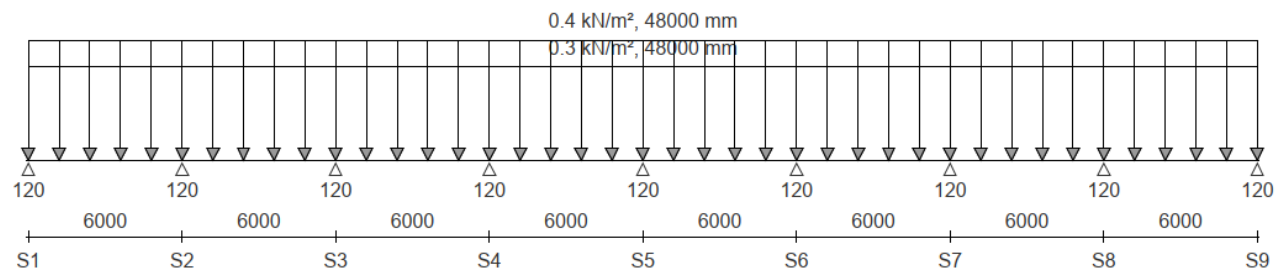
### Case 4



## 2.63 pav. Apkrovis (vējas)

Live load

Load category: A: areas in residential buildings



2.64 pav. Apkrovos (naudojimo)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	83	267	0

## 2.9.2 Stogo lakštų projektavimo rezultatai

### Utilization rates

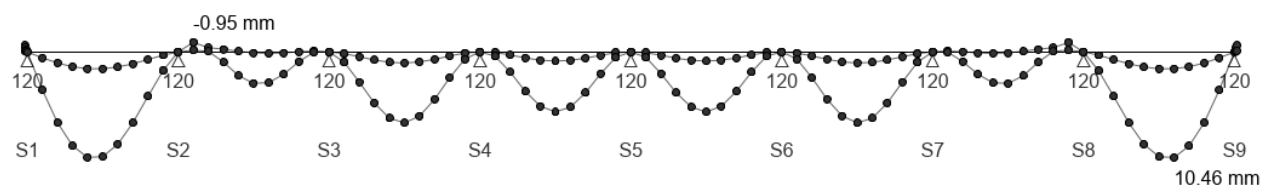
Sheet	Weight [kg/m <sup>2</sup> ]	M [kNm/m]	R [kN/m]	M/R	V [kN/m]	N/V/M	D [mm]
P1	18.5	8.5 / 28.6 29.7 %	14.3 / 42.1 33.9 %	41.7 %	14.8 / 78.4 18.9 %	29.7 %	-0.6 / 1.0 64.4 %
P2	8.9	6.6 / 10.7 61.9 %	8.6 / 18.6 46.1 %	56.2 %	7.8 / 28.3 27.4 %	62.0 %	3.1 / 30.0 10.4 %
P3	8.9	4.8 / 10.7 44.6 %	9.0 / 18.6 48.4 %	59.8 %	8.6 / 28.3 30.3 %	44.7 %	7.0 / 30.0 23.4 %
P4	8.9	4.8 / 10.7 45.1 %	9.0 / 18.6 48.4 %	59.5 %	8.4 / 28.3 29.8 %	45.2 %	5.9 / 30.0 19.8 %
P5	8.9	4.8 / 10.7 45.1 %	9.0 / 18.6 48.4 %	59.8 %	8.5 / 28.3 30.2 %	45.2 %	5.9 / 30.0 19.8 %
P6	8.9	4.8 / 10.7 44.6 %	9.0 / 18.6 48.4 %	59.5 %	8.4 / 28.3 29.8 %	44.6 %	7.0 / 30.0 23.4 %
P7	8.9	6.6 / 10.7 61.9 %	8.6 / 18.6 46.1 %	56.0 %	7.6 / 28.3 27.0 %	61.9 %	3.1 / 30.0 10.4 %
P8	18.5	8.5 / 28.6 29.7 %	14.3 / 42.1 33.9 %	41.6 %	14.6 / 78.4 18.7 %	29.7 %	-0.6 / 1.0 64.4 %

2.65 pav. Skaičiavimų rezultatai

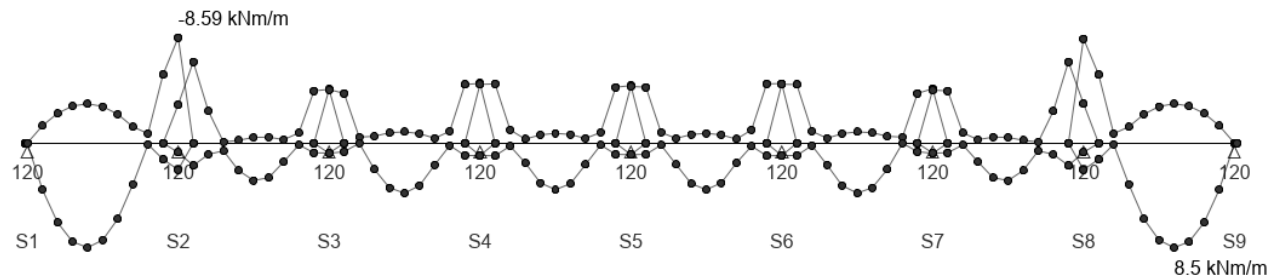
SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	84	267	0



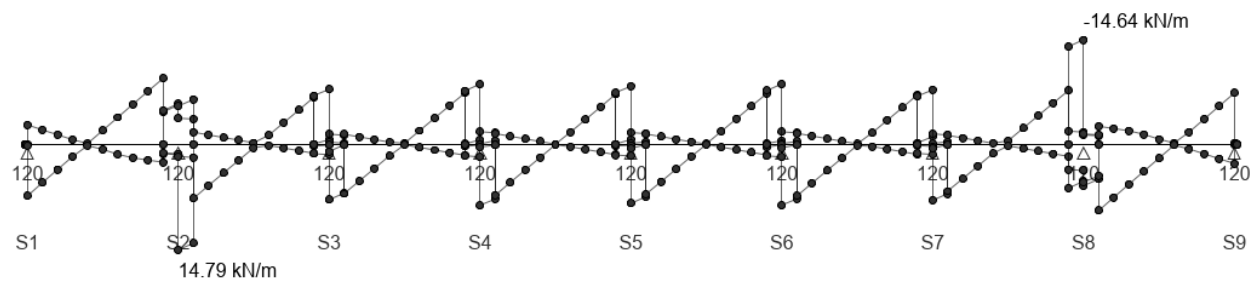
Deflection



Bending moment



Shear force



2.66 pav. Deformacijų ir įrašų ir rezultatai

## Support reactions

### ULS

Support	Min [kN/m]	Max [kN/m]
S1	-2.89	7.24
S2	-4.73	20.61
S3	-3.3	17.13
S4	-3.67	17.98
S5	-3.54	17.66
S6	-3.67	17.98
S7	-3.3	17.14
S8	-4.73	20.61
S9	-2.89	7.24

### 2.67 pav. Atraminių reakcijų rezultatai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	86	267	0

Support	Support fasteners		Design criterion	End overlap fasteners		Design criterion
	Pcs / trough	UT [%]		Pcs / web	UT [%]	
S1	1	29.1 **	Combined pull-out, pull-through and bearing	-	-	-
S2	1	28.4 **	Combined pull-out, pull-through and bearing	2 + 1	23.3	Bearing
S3	1	26.3	Combined pull-out, pull-through and bearing	2 + 1	46.5	Bearing
S4	1	27.2	Combined pull-out, pull-through and bearing	2 + 1	51.3	Bearing
S5	1	26.2	Combined pull-out, pull-through and bearing	2 + 1	49.4	Bearing
S6	1	27.7	Combined pull-out, pull-through and bearing	2 + 1	51.4	Bearing
S7	1	24.6	Combined pull-out, pull-through and bearing	2 + 1	46.0	Bearing
S8	1	51.8 **	Combined pull-out, pull-through and bearing	2 + 1	93.5	Bearing
S9	1	29.1 **	Combined pull-out, pull-through and bearing	-	-	-

UT Utilization rate

\*\* Note: fragile joint in the support fastening located at the side overlap

## 2.68 pav. Jungių skaičiavimo rezultatai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	87	267	0

2.10 Atitvarinių daugiasluoksnių plokščių projektavimas

2.10.1 Sienų plokščių projektavimas

Plokščių medžiagų parametrai, skaičiavimo nustatymai ir rezultatai pagal tinkamumo ir saugos ribinius būvius.

Structural part: Sandėlis siena

Updated: 2025-10-18 17:08 (GMT)

Created: 2024-06-24 07:01 (GMT)

Structure type: External wall

Design situation: Normal

Deflection limit: L/100 (according to NA)

Panel direction: Horizontal direction

Structure length: 48000 mm

Building length: 48000 mm

Building width: 18000 mm

Building height: 9000 mm

Effect of temperature difference: Influence included

Temperature of the inside face: Summer: 20 °C, winter 20 °C

Temperature of the outside face: Summer: 55 °C, winter: -40 °C

Chosen panels fulfill design criteria. Maximum utilization rate: 93.4 %

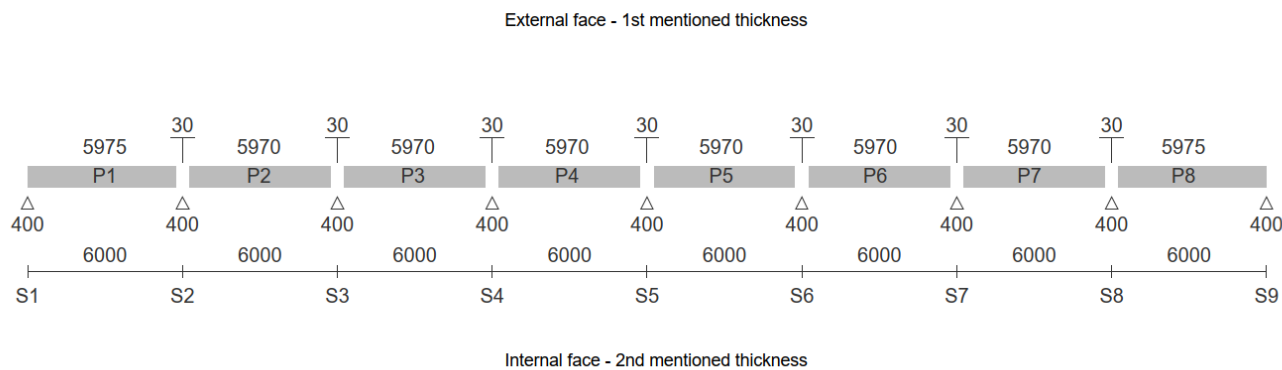
Chosen fasteners fulfill design criteria. Maximum utilization rate: 95.5 %

Structural model

Left end: Distance to end of panel: -10 mm

Right end: Distance to end of panel: -10 mm

Gap width at support: 30 mm



2.69 pav. Skaičiuojamoji schema ir įvesties duomenys

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	88	267	0



## Selected panels

	T, outer / T, inner *7 [mm]	U-value [W/m <sup>2</sup> K]	Rw-value [dB]	EI [min]	Length [mm]	Weight [kg / pcs]
[P1] SP2B 120 X-PIR LL/ML	0.5 / 0.6	0.18	24	15	5975	90.7
[P2] SP2B 120 X-PIR LL/ML	0.5 / 0.5	0.18	24	15	5970	90.6
[P3] SP2B 120 X-PIR LL/ML	0.5 / 0.5	0.18	24	15	5970	90.6
[P4] SP2B 120 X-PIR LL/ML	0.5 / 0.5	0.18	24	15	5970	90.6
[P5] SP2B 120 X-PIR LL/ML	0.5 / 0.5	0.18	24	15	5970	90.6
[P6] SP2B 120 X-PIR LL/ML	0.5 / 0.5	0.18	24	15	5970	90.6
[P7] SP2B 120 X-PIR LL/ML	0.5 / 0.5	0.18	24	15	5970	90.6
[P8] SP2B 120 X-PIR LL/ML	0.5 / 0.6	0.18	24	15	5975	90.7

\*7 Please note that the fasteners are dimensioned assuming that the head of the fastener and washer are against the first mentioned thickness.

Calculation results are valid also for Energy panels

## 2.70 pav. Plokščių skerspjūviai ir geometrija

### Supports and joints

Support	Support width [mm]	Joint type
S1	400	End support
S2	400	Gap
S3	400	Gap
S4	400	Gap
S5	400	Gap
S6	400	Gap
S7	400	Gap
S8	400	Gap
S9	400	End support

## 2.71 pav. Atramos ir jungtys

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	89	267	0

## Wind load

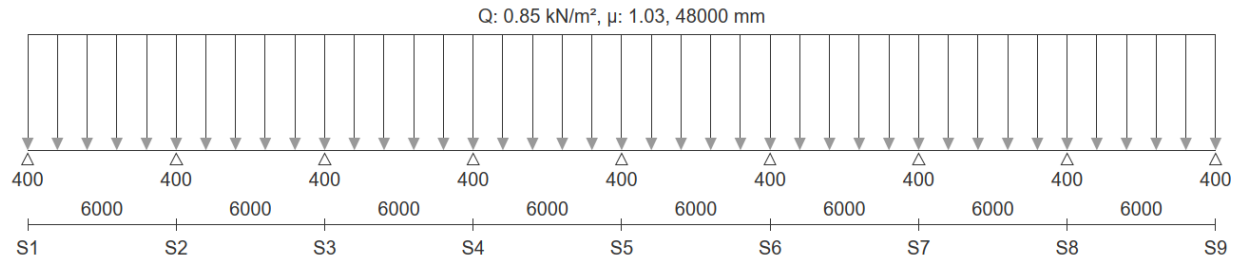
Basic wind load:  $0.823 \text{ kN/m}^2$

Basic wind velocity:  $24 \text{ m/s}$

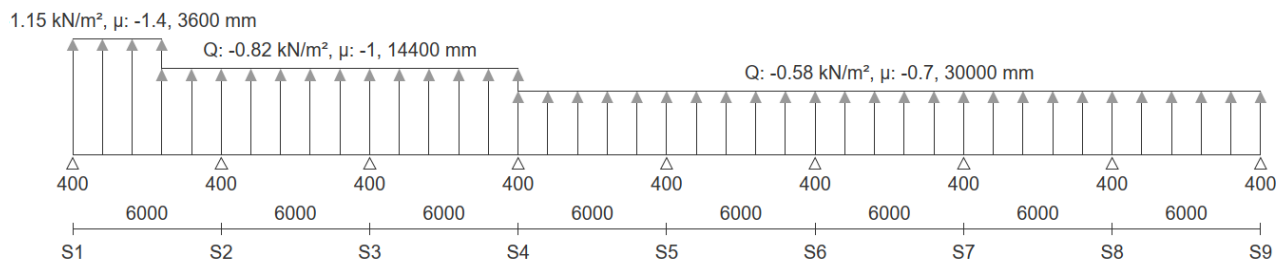
Ground class: II Low vegetation such as grass

Building height:  $9000 \text{ mm}$

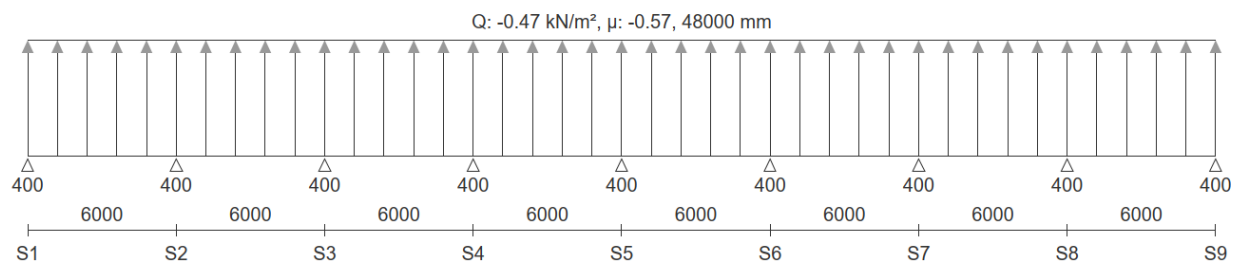
### Case 1



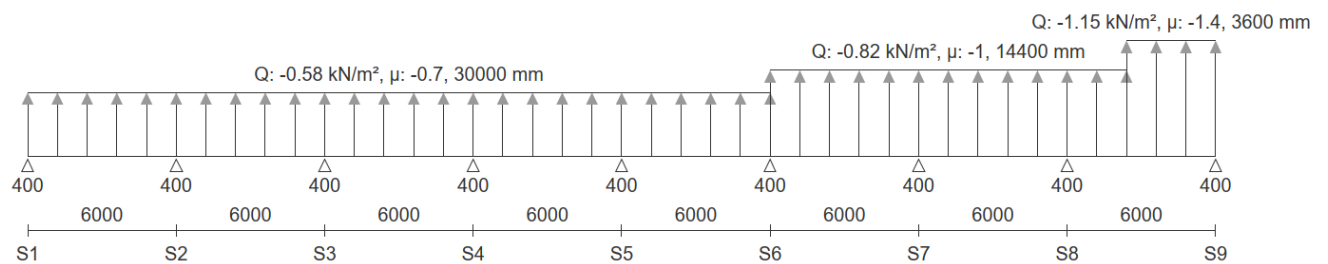
### Case 2



### Case 3

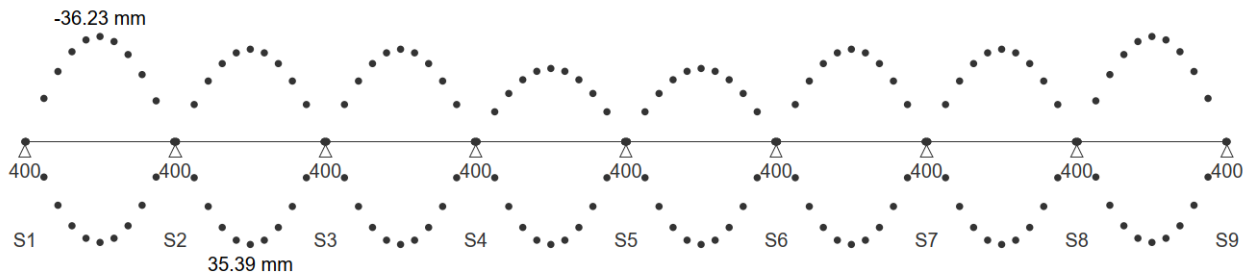


### Case 4

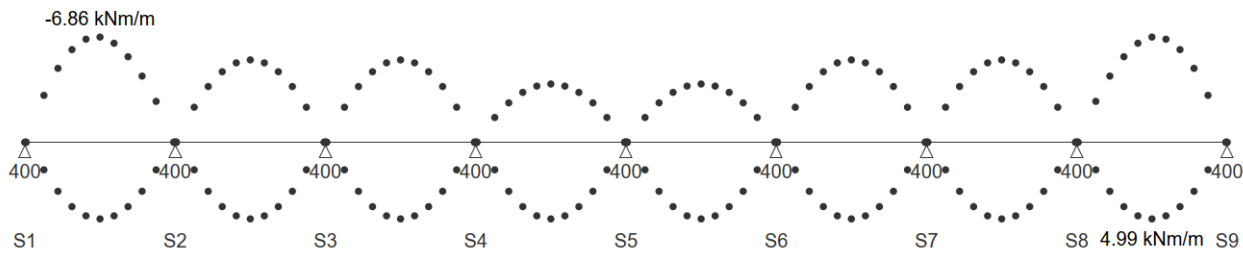


## 2.72 pav. Apkrovos (vējas)

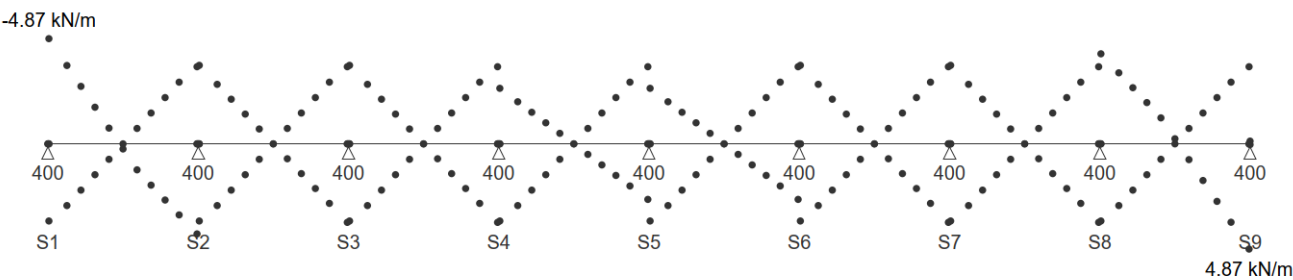
Deflection



Bending moment



Shear force



2.73 pav. Deformacijų ir įrąžų ir rezultatai

## Utilization rates

Panel	Bending stress		Shear stress	Support force	Deflection
	External facing	Internal facing			
	[MPa]	[MPa]	[MPa]	[kN/m]	[mm]
P1	-97.2 / 116.0 83.8 %	-108.3 / 116.0 93.4 %	0.041 / 0.06 67.9 %	3.8 / 13.5 28.3 %	-36.2 / 60.0 [L/100] 60.4 %
P2	-97.2 / 116.0 83.8 %	-104.5 / 116.0 90.1 %	0.03 / 0.06 50.7 %	3.8 / 13.5 28.3 %	35.4 / 60.0 [L/100] 59.0 %
P3	-97.2 / 116.0 83.8 %	-104.5 / 116.0 90.1 %	0.03 / 0.06 50.7 %	3.8 / 13.5 28.3 %	35.4 / 60.0 [L/100] 59.0 %
P4	-97.2 / 116.0 83.8 %	-73.9 / 116.0 63.7 %	0.03 / 0.06 49.8 %	3.8 / 13.5 28.3 %	35.4 / 60.0 [L/100] 59.0 %
P5	-97.2 / 116.0 83.8 %	-73.9 / 116.0 63.7 %	0.03 / 0.06 49.8 %	3.8 / 13.5 28.3 %	35.4 / 60.0 [L/100] 59.0 %
P6	-97.2 / 116.0 83.8 %	-104.5 / 116.0 90.1 %	0.03 / 0.06 50.7 %	3.8 / 13.5 28.3 %	35.4 / 60.0 [L/100] 59.0 %
P7	-97.2 / 116.0 83.8 %	-104.5 / 116.0 90.1 %	0.03 / 0.06 50.7 %	3.8 / 13.5 28.3 %	35.4 / 60.0 [L/100] 59.0 %
P8	-97.2 / 116.0 83.8 %	-108.3 / 116.0 93.4 %	0.041 / 0.06 67.9 %	3.8 / 13.5 28.3 %	-36.2 / 60.0 [L/100] 60.4 %

## 2.74 pav. Skaičiavimų rezultatai

## Support reactions

Support	Total	Max		Total	Min	
		Left	Right		Left	Right
	[kN/m]	[kN/m]	[kN/m]		[kN/m]	[kN/m]
S1	3.83	0.0	3.83	-4.94	0.0	-4.94
S2	7.65	3.83	3.83	-7.91	-4.23	-3.69
S3	7.65	3.83	3.83	-7.38	-3.69	-3.69
S4	7.65	3.83	3.83	-6.3	-3.69	-2.61
S5	7.65	3.83	3.83	-5.22	-2.61	-2.61
S6	7.65	3.83	3.83	-6.3	-2.61	-3.69
S7	7.65	3.83	3.83	-7.38	-3.69	-3.69
S8	7.65	3.83	3.83	-7.91	-3.69	-4.23
S9	3.83	3.83	0.0	-4.94	-4.94	0.0

## 2.75 pav. Atraminės reakcijos

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	92	267	0

Fasteners

Fixings related calculations and required number of fasteners are valid for panels in modular width 1100 and 1000 mm.

Base material: Concrete

Minimum installation depth: 35 mm

Concrete grade: C40/50

Washer: 22 mm, stainless steel

Stainless steel (diameter 22 mm, thickness 1 mm) with EPDM seal.

Minimum distances between the fastener and end of the panel:

Left end: 30 mm

Intermediate supports: 30 mm

Right end: 30 mm

Fastener type: Ruukki SP screw CB XXX concrete

Fastener material: Carbon steel

Support	Pcs	Reaction force* [kN/m]	N <sub>Ed</sub> [kN]	N <sub>Rd</sub> [kN]	V <sub>Ed</sub> [kN]	V <sub>Rd</sub> [kN]	Utilization rate [%]	Design criterion
S1	4	4.94	1.36	1.5	0.15	1.05	90.3	Pull through
S2	4 / 3	4.23 / 3.69	1.16 / 1.35	1.5 / 1.5	0.15 / 0.2	1.05 / 1.05	77.3 / 89.9	Pull through
S3	3 / 3	3.69 / 3.69	1.35 / 1.35	1.5 / 1.5	0.2 / 0.2	1.05 / 1.05	90.0 / 90.0	Pull through
S4	3 / 2	3.69 / 2.61	1.35 / 1.44	1.5 / 1.5	0.2 / 0.3	1.05 / 1.05	90.0 / 95.5	Pull through
S5	2 / 2	2.61 / 2.61	1.44 / 1.44	1.5 / 1.5	0.3 / 0.3	1.05 / 1.05	95.5 / 95.5	Pull through
S6	2 / 3	2.61 / 3.69	1.44 / 1.35	1.5 / 1.5	0.3 / 0.2	1.05 / 1.05	95.5 / 90.0	Pull through
S7	3 / 3	3.69 / 3.69	1.35 / 1.35	1.5 / 1.5	0.2 / 0.2	1.05 / 1.05	90.0 / 90.0	Pull through
S8	3 / 4	3.69 / 4.23	1.35 / 1.16	1.5 / 1.5	0.2 / 0.15	1.05 / 1.05	89.9 / 77.3	Pull through
S9	4	4.94	1.36	1.5	0.15	1.05	90.3	Pull through

\* Pulling force from support

Design calculations are valid using the selected fastener. If any other fastener is used, design of the fasteners must be checked again.

Fasteners per panel row: 48

Total amount: 432

2.76 pav. Jungių skaičiavimo rezultatai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	93	267	0



2.10.2 Stogo plokščių projektavimas

Plokščių medžiagų parametrai, skaičiavimo nustatymai ir rezultatai pagal tinkamumo ir saugos ribinius būvius.

Structural part: Sandėlis stogas

Updated: 2025-10-18 17:23 (GMT)

Created: 2024-06-24 07:01 (GMT)

Structure type: Roof

Design situation: Normal

Deflection limit: L/200 (according to NA), for long-term loads L/100

Roof slope: 6 °

Panel direction: Vertical direction

Structure length: 4700 mm

Building length: 4510 mm

Building width: 4700 mm

Building height: 5500 mm

Effect of temperature difference: Influence included

Temperature of the inside face: Summer: 30 °C, winter (case 1): -10 °C, winter (case 2): -10 °C

Temperature of the outside face: Summer: 55 °C, winter (case 1): -40 °C, winter (case 2): 0 °C

Please note the following:

- Design performed using plastic calculation model.

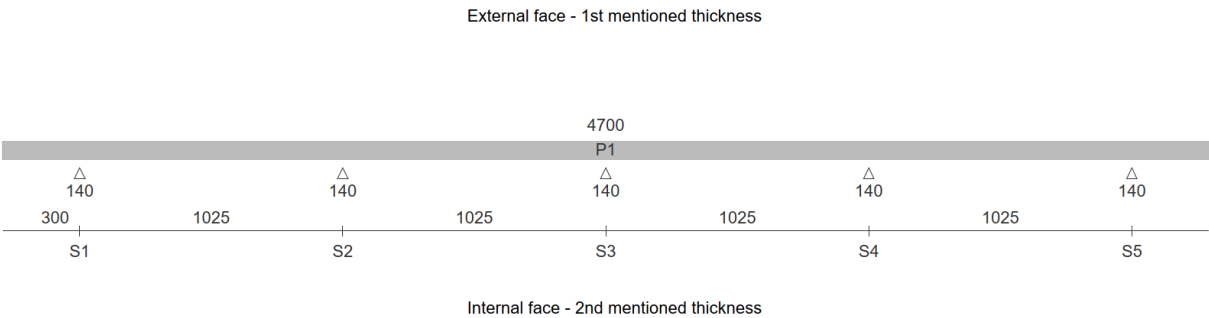
Chosen panels fulfill design criteria. Maximum utilization rate: 80.7 %

Chosen fasteners fulfill design criteria. Maximum utilization rate: 31.4 %

Structural model

Left end: Length of cantilever: 300 mm

Right end: Length of cantilever: 300 mm



2.77 pav. Skaičiuojamoji schema ir įvesties duomenys

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	94	267	0

## Selected panels

	T, outer / T, inner <sup>*7</sup>	U-value	Rw-value	EI	Length	Weight
	[mm]	[W/m <sup>2</sup> K]	[dB]	[min]	[mm]	[kg / pcs]
[P1] SP2C 210/170 E-PIR TL25 *	0.5 / 0.4	0.13	24	0	4700	70.7

\* Special product

<sup>\*7</sup> Please note that the fasteners are dimensioned assuming that the head of the fastener and washer are against the first mentioned thickness.

## 2.78 pav. Plokščių skerspjūviai ir geometrija

### Supports and joints

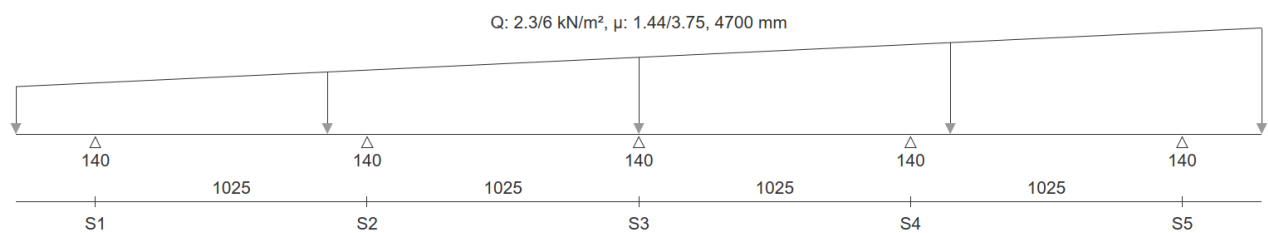
Support	Support width [mm]	Joint type
S1	140	End support
S2	140	Continuous
S3	140	Continuous
S4	140	Continuous
S5	140	End support

## 2.79 pav. Atramos ir jungtys

### Snow load

Basic snow load: 1.6 kN/m<sup>2</sup>

Movement: 0 %



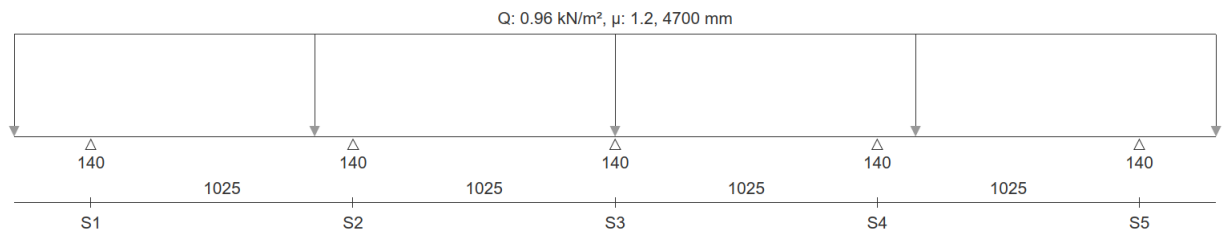
## 2.80 pav. Apkrovos (sniegas)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	95	267	0

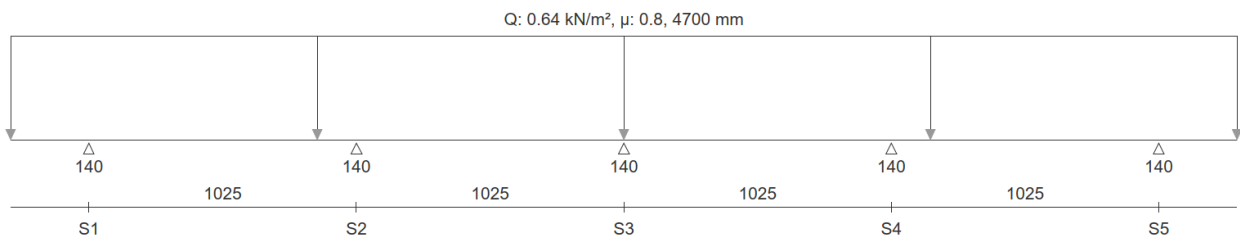
Wind load

Basic wind load: 0.8 kN/m<sup>2</sup>

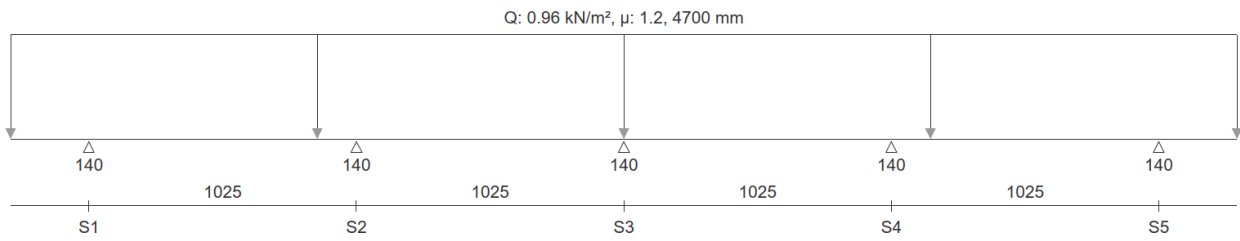
Case 1



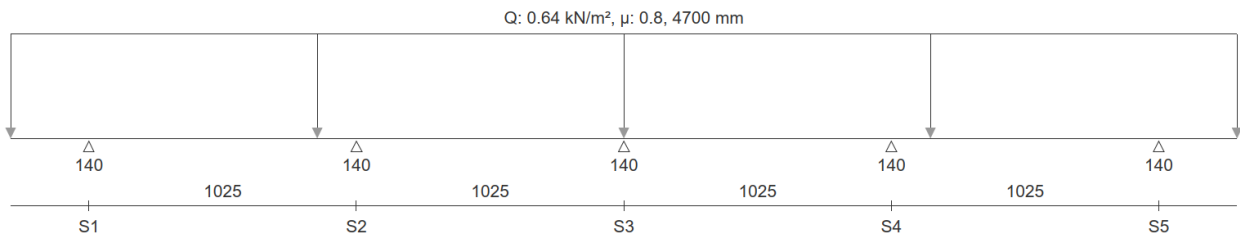
Case 2



Case 3



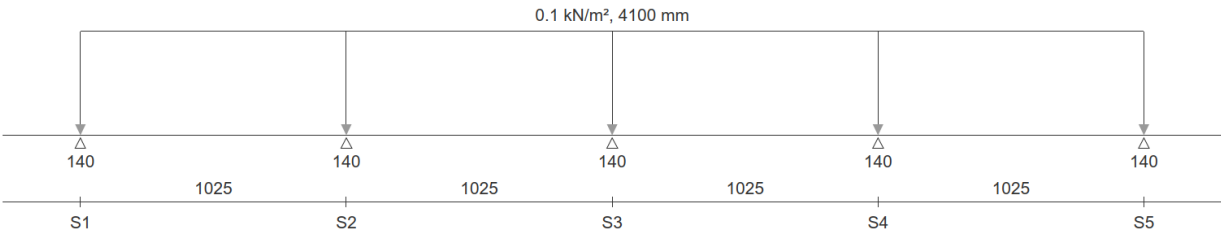
Case 4



2.81 pav. Apkrovis (vėjas)

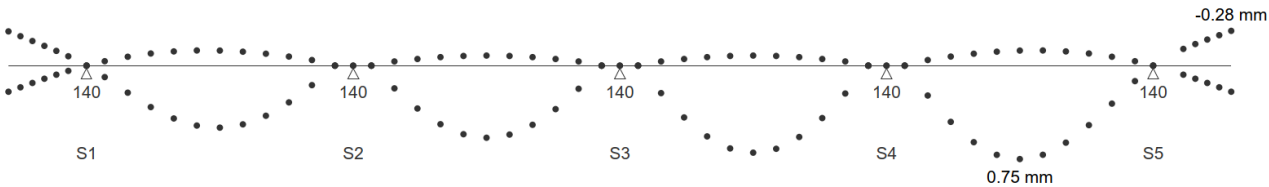
Live load

Load category: H: roofs

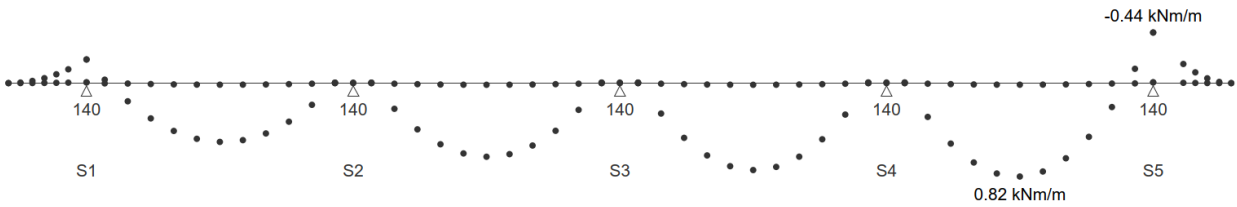


2.82 pav. Apkrovos (naudojimo)

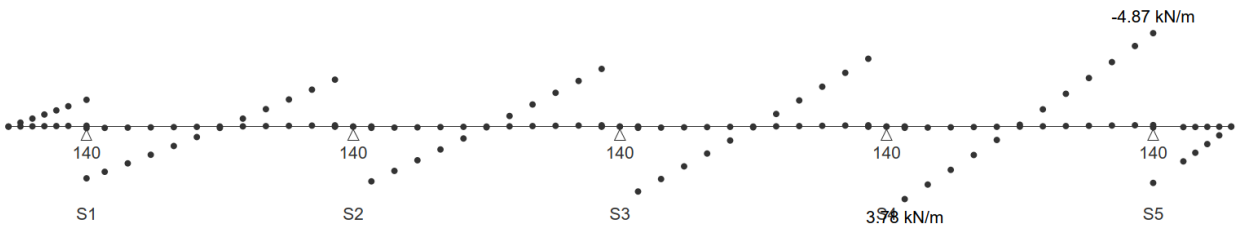
Deflection, creep off



Bending moment



Shear force



2.83 pav. Deformacijų ir įrašų ir rezultatai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	97	267	0

Utilization rates

Panel	Bending stress		Shear stress	Support force	Deflection
	External facing	Internal facing			
	[MPa]	[MPa]	[MPa]	[kN/m]	[mm]
P1	-138.9 / 172.0	-18.4 / 79.1 (SLS)	0.013 / 0.027	4.4 / 6.8	0.6 / 5.1 [L/200]
	80.7 %	23.2 %	45.9 %	64.6 %	12.1 %

2.84 pav. Skaičiavimų rezultatai

Support reactions

Support	Total	Max		Total	Min	
		Left	Right		Left	Right
	[kN/m]	[kN/m]	[kN/m]		[kN/m]	[kN/m]
S1	4.1	0.0	0.0	-1.2	0.0	0.0
S2	7.14	2.85	3.3	-0.7	0.07	0.08
S3	7.65	3.5	3.91	-0.23	0.08	0.08
S4	9.79	4.12	4.38	-0.7	0.08	0.07
S5	7.81	0.0	0.0	-1.2	0.0	0.0

2.85 pav. Atraminės reakcijos



Fasteners

Base material: Steel

Support steel yield strength: 355 N/mm<sup>2</sup>

Support wall thickness: 5 mm

Washer: 19 mm, stainless steel

Stainless steel (diameter 19 mm, thickness 1 mm) with EPDM seal.

Minimum distances between the fastener and end of the panel:

Left end: 350 mm

Right end: 350 mm

Fastener type: Ruukki SP screw CB XXX steel 4.0-12

Fastener material: Carbon steel

Support	Pcs	Reaction force* [kN/m]	N <sub>Ed</sub> [kN]	N <sub>Rd</sub> [kN]	V <sub>Ed</sub> [kN]	V <sub>Rd</sub> [kN]	Utilization rate [%]	Design criterion
S1	3	1.2	0.4	1.28	0.0	0.83	31.4	Pull through
S2	3	0.7	0.23	1.28	0.0	0.83	18.2	Pull through
S3	3	0.23	0.08	1.28	0.0	0.83	6.0	Pull through
S4	3	0.7	0.23	1.28	0.0	0.83	18.2	Pull through
S5	3	1.2	0.4	1.28	0.0	0.83	31.4	Pull through

\* Pulling force from support

Design calculations are valid using the selected fastener. If any other fastener is used, design of the fasteners must be checked again.

Fasteners per panel row: 15

Total amount: 75

2.86 pav. Jungių skaičiavimo rezultatai

## 2.11 Plieninių konstrukcijų mazgų projektavimas

### 2.11.1 Santvaros „Y“ jungties projektavimas

Santvaros viršutinės juostos-tinklelio elementų jungties „Y“ projektavimas

1.1 General Data

Connections on

Node No.: 1840

Geometry

☒ Planar  
☐ Spatial

Hollow Section

Chords: ☐ Round  
☒ Square  
☐ Rectangular

Struts: ☐ Round  
☒ Square  
☐ Rectangular

Type of Connection:

☐ K ☐ T  
☐ N ☒ Y  
☐ KT ☐ X  
☐ DK

National Annex (NA)

CEN EN 1993

Input Data




☒ Apply preferably from RFEM  
☐ Define manually

2.87 pav. Analizuojami taškai




SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	100	267	0




### 1.2 Cross-Sections




#### Cross-Sections




Chord: QRO 140x5 (EN 10219-2, 20)   

☐ Rotated by 90°



Strut 1: QRO 100x5 | EN 10219-2:20   



Strut 2:   




Strut 3:   




Strut 4:   




#### Materials


Chord: S 355  

Strut 1: S 355  

Strut 2:   




Strut 3:   

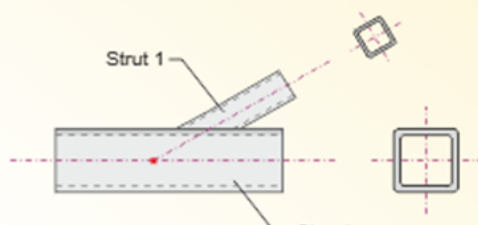
Strut 4:   

Steel Production: HPW 

#### Member Assignment

Nodes No.	Member No.	
	Chord	Strut 1
1840	2054	2098



2.88 pav. Skerspjuviai

### 1.4 Loads

#### Existing Load Cases

LC1	Nuosavas
LC2	Sluoksniai
LC3	Naudojimo
LC4	Sniegas (visas)
LC5	Vėjas x+
LC6	Vėjas y-

#### Load Combinations and Result Combinations

CO1	1.35G1 + 1.35G2
CO2	1.35G1 + 1.35G2 + 1.3QiE
CO3	1.35G1 + 1.35G2 + 1.3QiE + 0.78Qv
CO8	1.35G1 + 1.35G2 + 1.3Qw1
CO9	1.35G1 + 1.35G2 + 1.3Qw2
CO16	1.35G1 + 1.35G2 + 1.3Qs
CO22	G1 + G2

#### Design of

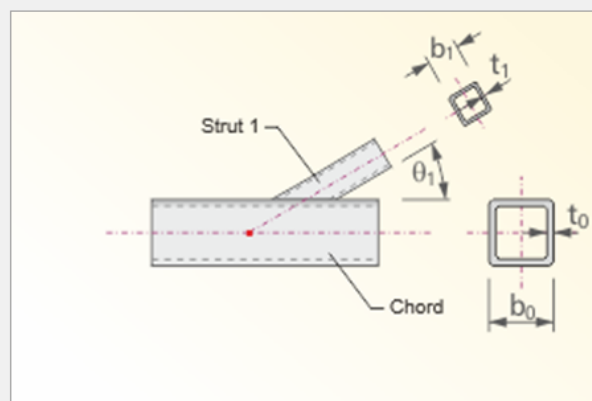
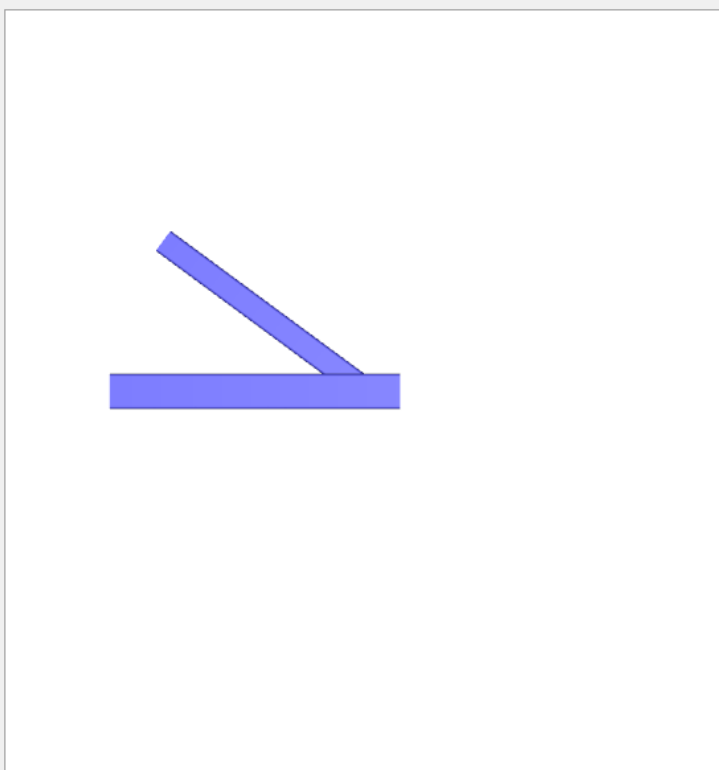
CO4	1.35G1 + 1.35G2 + 1.3QiE + 0.78Qv
CO5	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
CO6	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
CO7	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
CO10	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qw
CO11	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qw
CO12	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
CO13	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
CO14	1.35G1 + 1.35G2 + 0.91Qs + 1.3Qw
CO15	1.35G1 + 1.35G2 + 0.91Qs + 1.3Qw
CO17	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qs
CO18	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qs
CO19	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qs
CO20	1.35G1 + 1.35G2 + 1.3Qs + 0.78Qw
CO21	1.35G1 + 1.35G2 + 1.3Qs + 0.78Qw

2.89 pav. Apkrovų deriniai

### 1.3 Geometry - Type of Connection Y

#### Angle Between Strut and Chord Member

Angle  $\Theta_1$  :  [°]



#### Additional Geometry Parameters

Chord			
Cross-Sectional Area	A0	26.40	cm <sup>2</sup>
Height	h0	140.00	mm
Width	b0	140.00	mm
Chord Wall Thickness	t0	5.00	mm
Strut 1			
Cross-Sectional Area	A1	18.40	cm <sup>2</sup>
Height	h1	100.00	mm
Width	b1	100.00	mm
Thickness	t1	5.00	mm

2.90 pav. geometrija

## 2.1. Design by Nodes

Node No.	A Node Type	B Govern. LC	C Design	D Design Criterion	E Design acc. to Formula
1840	YS	CO17	0.28	$\leq 1$	3101) Flange failure of chord member due to normal force acc. to Tab. 7.10 Line 1
	YS	CO17	0.36	$\leq 1$	3156) Flange failure of chord member due to moment acc. to Tab. 7.14 Line 1
	YS	CO8	0.04	$\leq 1$	3163) Flange failure of chord member due to moment acc. to Tab. 7.14 Line 4
	YS	CO17	0.63	$\leq 1$	3147) Interaction condition acc. to Sect. 7.5.2.1 (7.4)
Max: 0.63 $\leq 1$					

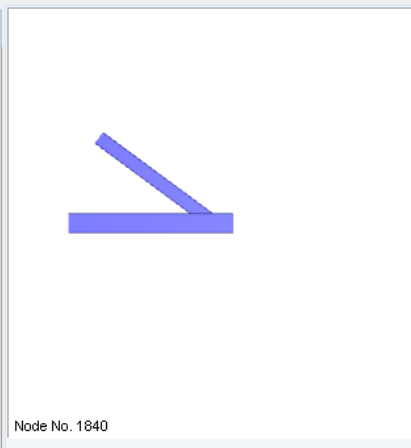
### Details - Node No. 1840 - Design No. 3101

Transformed Design Internal Forces

Validity Limits

Design

Auxiliary Value	kn	1.000			
Chord Wall Thickness	t <sub>0</sub>	5.00	mm		
Yield Strength	f <sub>y,0</sub>	35.50	kN/cm <sup>2</sup>		
Geometrical Proportion Val	β <sub>4</sub>	0.714			
Factor	γ <sub>M5</sub>	1.000			
Connection Angle	Θ <sub>1</sub>	36.40	°		
Normal Force	N <sub>1,Ed</sub>	65.63	kN		
Axial Force Resistance	N <sub>1,Rd</sub>	237.92	kN		
Design	η	0.28		$\leq 1$	



2.91 pav. Rezultatai ir sąlygos



### 2.11.2 Santvaros „K“ jungties projektavimas

Santvaros apatinės juostos-tinklelio elementų jungties „K“ projektavimas

1.1 General Data

Connections on

Node No.:

Geometry

☒ Planar  
☐ Spatial

Hollow Section

Chords: ☐ Round  
☒ Square  
☐ Rectangular

Struts: ☐ Round  
☒ Square  
☐ Rectangular


National Annex (NA)

Input Data

☒ Apply preferably from RFEM  
☐ Define manually

Type of Connection:

☒ K ☐ T  
☐ N ☐ Y  
☐ KT ☐ X  
☐ DK






2.92 pav. Analizuojami taškai




SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	104	267	0




## 1.2 Cross-Sections




### Cross-Sections




Chord:    

☐ Rotated by 90°



Strut 1:    



Strut 2:    



Strut 3:    



Strut 4:    



### Materials

Chord:   

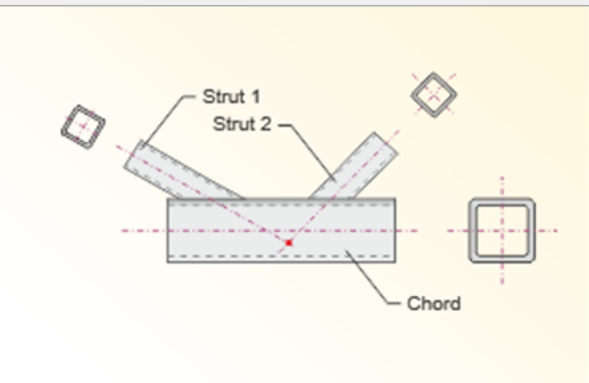
Strut 1:   

Strut 2:   

Strut 3:   





Strut 4:   

Steel Production:



### Member Assignment

Nodes No.	Member No.		
	Chord	Strut 1	Strut 2
495	92	2132	2133

2.93 pav. Skerspjūviai

### 1.4 Loads

#### Existing Load Cases

LC1	Nuosavas
LC2	Sluoksniai
LC3	Naudojimo
LC4	Sniegas (visas)
LC5	Vejas x+
LC6	Vejas y-

#### Load Combinations and Result Combinations

CO1	1.35G1 + 1.35G2
CO2	1.35G1 + 1.35G2 + 1.3QiE
CO3	1.35G1 + 1.35G2 + 1.3QiE + 0.78Qv
CO8	1.35G1 + 1.35G2 + 1.3Qw1
CO9	1.35G1 + 1.35G2 + 1.3Qw2
CO16	1.35G1 + 1.35G2 + 1.3Qs
CO22	G1 + G2

#### Design of

CO4	1.35G1 + 1.35G2 + 1.3QiE + 0.78Qv
CO5	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
CO6	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
CO7	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
CO10	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qw
CO11	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qw
CO12	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
CO13	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
CO14	1.35G1 + 1.35G2 + 0.91Qs + 1.3Qw
CO15	1.35G1 + 1.35G2 + 0.91Qs + 1.3Qw
CO17	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qs
CO18	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qs
CO19	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qs
CO20	1.35G1 + 1.35G2 + 1.3Qs + 0.78Qw
CO21	1.35G1 + 1.35G2 + 1.3Qs + 0.78Qw

2.94 pav. Apkrovų deriniai

### 1.3 Geometry - Type of Connection K

#### Angles Between Struts and Chord Member

Angle  $\Theta 1$  :  [°]

Angle  $\Theta 2$  :  [°]

#### Gap/Overlap and Eccentricity

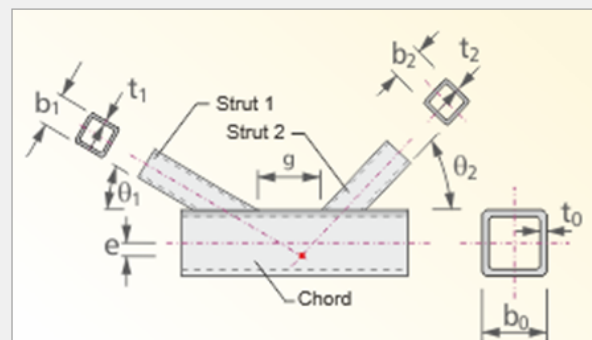
Gap g:  [mm]

Eccentricity e:  [mm]

#### Fully Fitted

☐ Strut 1

☒ Strut 2



#### Additional Geometry Parameters

Cross-Sectional Area	A0	22.70	cm <sup>2</sup>
Height	h0	120.00	mm
Width	b0	120.00	mm
Chord Wall Thickness	t0	5.00	mm
Strut 1			
Cross-Sectional Area	A1	18.40	cm <sup>2</sup>
Height	h1	100.00	mm
Width	b1	100.00	mm
Thickness	t1	5.00	mm
Strut 2			
Cross-Sectional Area	A2	18.40	cm <sup>2</sup>
Height	h2	100.00	mm
Width	b2	100.00	mm
Thickness	t2	5.00	mm



2.95 pav. geometrija

2.1. Design by Nodes

Node No.	A Node Type	B Govern. LC	C Design	D Design Criterion	E Design acc. to Formula
495	KS	CO17	0.17	$\leq 1$	3201) Flange failure of chord member due to normal force acc. to Tab. 7.10 Line 2
	KS	CO17	0.17	$\leq 1$	3202) Flange failure of chord member due to normal force acc. to Tab. 7.10 Line 2

Max: 0.17  $\leq 1$

Details - Node No. 495 - Design No. 3201

Transformed Design Internal Forces

Validity Limits

Design

Auxiliary Value	$\gamma$	12.000			
Auxiliary Value	kn	1.000			
Yield Strength	$f_{y,0}$	35.50	kN/cm <sup>2</sup>		
Chord Wall Thickness	$t_0$	5.00	mm		
Geometrical Proportion Val	$\beta_4$	0.833			
Factor	$\gamma_{M5}$	1.000			
Connection Angle	$\Theta_1$	36.40	°		
Normal Force	$N_{1,Ed}$	-67.10	kN		
Axial Force Resistance	$N_{1,Rd}$	384.23	kN		
Design	$\eta$	0.17		$\leq 1$	

Node No. 495

2.96 pav. Rezultatai ir sąlygos

## 2.12 Gelžbetoninių laikančiųjų konstrukcijų projektavimas

### 2.12.1 Gelžbetoninių surenkamų kolonų projektavimas

Gelžbetoninių surenkamų kolonų medžiagų parametrai, skaičiavimo nustatymai ir rezultatai pagal tinkamumo ir saugos ribinius būvius pateikti grafiškai.

1.1 General Data

Design as Column of

Members: 01,493,634,674,675,689,692,713,714,728,731

Sets:

Design Acc. to Standard / NA

EN 1992-1-1:2004/A1:2014

LST:2011

Ultimate Limit State Creep-Producing Permanent Load Fire Resistance

Existing Load Cases / Combinations

LC1	Nuosavas
LC2	Sluoksniai
LC3	Naudojimo
LC4	Sniegas (visas)
LC5	Vėjas x+
LC6	Vėjas y-
CO1	1.35G1 + 1.35G2
CO2	1.35G1 + 1.35G2 + 1.3QiE
CO3	1.35G1 + 1.35G2 + 1.3QiE + 0.78Qw1
CO4	1.35G1 + 1.35G2 + 1.3QiE + 0.78Qw2
CO5	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 0.78Qw1
CO6	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 0.78Qw2
CO7	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
CO8	1.35G1 + 1.35G2 + 1.3Qw1
CO9	1.35G1 + 1.35G2 + 1.3Qw2
CO10	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qw1
CO11	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qw2
CO12	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 1.3Qw1
CO13	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 1.3Qw2

All (68)

Selected for Design

RC1	ULS (STR/GEO) - Perma	Persistent and Transient
-----	-----------------------	--------------------------

2.97 pav. Stiprumo ribinio būvio deriniai



1.1 General Data

Design as Column of

Members: 1,493,634,674,675,689,692,713,714,728,731

Sets:

Design Acc. to Standard / NA

EN 1992-1-1:2004/A1:2014

LST:2011

Ultimate Limit State Creep-Producing Permanent Load Fire Resistance

Existing Load Cases / Combinations

Case	Description
LC1	Nuosavas
LC2	Stuoksniai
LC3	Naudojimo
LC4	Sniegas (visas)
LC5	Vėjas x+
LC6	Vėjas y-
CO1	1.35G1 + 1.35G2
CO2	1.35G1 + 1.35G2 + 1.3QiE
CO3	1.35G1 + 1.35G2 + 1.3QiE + 0.78Qw1
CO4	1.35G1 + 1.35G2 + 1.3QiE + 0.78Qw2
CO5	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 0.78Qw1
CO6	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 0.78Qw2
CO7	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
CO8	1.35G1 + 1.35G2 + 1.3Qw1
CO9	1.35G1 + 1.35G2 + 1.3Qw2
CO10	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qw1
CO11	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qw2
CO12	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 1.3Qw1
CO13	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 1.3Qw2

Selected for Design

Case	Description
RC2	SLS - Characteristic
RC3	SLS - Frequent
RC4	SLS - Quasi-permanent

All (66)

2.98 pav. Tinkamumo ribinio būvio deriniai

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	109	267	0

## 1.2 Materials

Material No.	Material Description		Notes	Comment
	Concrete Strength Class	Reinforcing Steel		
22	Concrete C40/50	B 500 S (B)		

### Material Properties

#### Concrete Strength Class: Concrete C40/50

Characteristic Cylinder Compressive Strength	$f_{ck}$	40 MPa
Mean Cylinder Compressive Strength	$f_{cm}$	48 MPa
Mean Axial Tensile Strength	$f_{ctm}$	3.5 MPa
5% Fractile of Axial Tensile Strength	$f_{ctk,0.05}$	2.5 MPa
95% Fractile of Axial Tensile Strength	$f_{ctk,0.95}$	4.6 MPa
Mean Secant Modulus of Elasticity	$E_{cm}$	35000 MPa

#### Characteristic Strains for Nonlinear Analysis

Ultimate Strain for Pure Compression	$\epsilon_{c1}$	-2.3 ‰
Ultimate Strain at Failure	$\epsilon_{c1u}$	-3.5 ‰

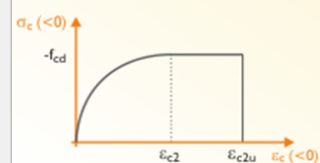
#### Characteristic Strains for Parabolic-Rectangular Diagram

Ultimate Strain for Pure Compression	$\epsilon_{c2}$	-2 ‰
Ultimate Strain at Failure	$\epsilon_{c2u}$	-3.5 ‰
Ultimate Strain at Failure	$\epsilon_{c3}$	-1.75 ‰
Ultimate Strain at Failure	$\epsilon_{c3u}$	-3.5 ‰
Parabola Exponent	$n$	2
Specific weight	$\gamma$	25 kN/m <sup>3</sup>

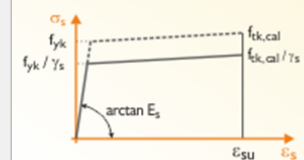
#### Reinforcing Steel: B 500 S (B)

Modulus of Elasticity	$E_s$	200000 MPa
Characteristic Yield Strength	$f_{yk}$	500 MPa
Characteristic Tensile Strength	$f_{tk}$	540 MPa
Ultimate Strain	$\epsilon_{uk}$	50 ‰

### Concrete Stress-Strain Curve



### Reinforcement Stress-Strain Curve



### Material No. 22 used in

#### Cross-sections:

76

#### Members:

405-408,413,414,421,422,424,427,428,

#### Sets of members:

Length:

281.801 [m]

Weight:

112721.00 [kg]

## 2.99 pav. Medžiagų parametrai

1.4 Reinforcement

Reinforcement Group

No.: 1  
Description: Centrinės kolonos

Applied to

Members: 413,421,424,428,436,440,448,452,460,464,4

Sets of members:

Longitudinal Reinforcement   Stirrups   Secondary Reinforcement   Reinforcement Layout   LST EN 1992-1-1   Fire Resistance

Concrete Cover

Diameter for preliminary design

☒ Rebar centroidal axis

$u_y$  : 60.0 [mm]

$u_z$  : 60.0 [mm]

☐ Edge of rebar

$c_y$  : 46.0 [mm]

$c_z$  : 46.0 [mm]

☐ Cover acc. to Standard...

Diameter for preliminary design

$d_s$  : 28.0 [mm]

Settings

Relevant internal forces for concrete design:

☒ N   ☐ M<sub>T</sub>

☒ V<sub>y</sub>   ☒ M<sub>y</sub>

☒ V<sub>z</sub>   ☒ M<sub>z</sub>

Cross-Section

76 - Rectangle 400/400

Rectangle 400/400

**2.100 pav.** Kolonų apsauginio sluoksnio nustatymai

**1.4 Reinforcement**

**Reinforcement Group**

No.: 1 Description: Centrinės kolonos

**Applied to**

Members: 413,421,424,428,436,440,448,452,460,464,4

Sets of members:

**Longitudinal Reinforcement** **Stirrups** **Secondary Reinforcement** **Reinforcement Layout** **LST EN 1992-1-1** **Fire Resistance**

**Reinforcement**

Possible diameters:

☐ 8.0  
☐ 10.0  
☐ 12.0  
☐ 14.0  
☐ 16.0  
☐ 20.0  
☒ 28.0  
☐ 30.0  
☐ 32.0

**Reinforcement Layout**

Uniformly surrounding

**Reinforcement Layers**

Maximum number of layers: 1

Minimum spacing

- First Layer a: 70.0 [mm]  
- Further Layers b: 20.0 [mm]  
- Layer Distance e: 20.0 [mm]

**Anchorage Type**

Straight

Steel surface: Ribbed

**Cross-Section**

76 - Rectangle 400/400

Rectangle 400/400

[mm]

**2.101 pav.** Kolonų išilginio armavimo nustatymai (centrinės)

**1.4 Reinforcement**

**Reinforcement Group**

No.: 2 Description: Kraštinės kolonos

**Applied to**

Members: 414,422,427,432,439,444,451,456,463,468,4

Sets of members:

**Longitudinal Reinforcement** Stirrups Secondary Reinforcement Reinforcement Layout LST EN 1992-1-1 Fire Resistance

**Reinforcement**

Possible diameters:

☐ 8.0  
☐ 10.0  
☐ 12.0  
☐ 14.0  
☐ 16.0  
☐ 20.0  
☐ 25.0  
☒ 28.0  
☐ 30.0  
☐ 32.0

**Reinforcement Layout**

Uniformly surrounding

**Reinforcement Layers**

Maximum number of layers: 1

Minimum spacing

- First Layer a: 70.0 [mm]  
 - Further Layers b: 20.0 [mm]  
 - Layer Distance e: 20.0 [mm]

**Anchorage Type**

Straight

Steel surface: Ribbed

**Cross-Section**

76 - Rectangle 400/400

Rectangle 400/400

400.0

400.0

[mm]

**2.102 pav.** Kolonų išilginio armavimo nustatymai (kraštinės)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	113	267	0



**1.4 Reinforcement**

**Reinforcement Group**

No.: 3 Description: Šoninės kolonos

**Applied to**

Members: 405,407,713,728

Sets of members:

**Longitudinal Reinforcement** **Stirrups** **Secondary Reinforcement** **Reinforcement Layout** **LST EN 1992-1-1** **Fire Resistance**

**Reinforcement**

Possible diameters:

☐ 8.0  
☐ 10.0  
☐ 12.0  
☐ 14.0  
☐ 16.0  
☐ 20.0  
☒ 28.0  
☐ 30.0  
☐ 32.0

**Reinforcement Layout**

Uniformly surrounding

**Reinforcement Layers**

Maximum number of layers: 1

Minimum spacing

- First Layer a: 70.0 [mm]  
 - Further Layers b: 20.0 [mm]  
 - Layer Distance e: 20.0 [mm]

**Anchorage Type**

Straight

Steel surface: Ribbed

**Cross-Section**

76 - Rectangle 400/400

Rectangle 400/400

[mm]

**2.103 pav.** Kolonų išilginio armavimo nustatymai (šoninės)

**1.4 Reinforcement**

**Reinforcement Group**

No.: 4 Description: Kampinės kolonos

**Applied to**

Members: 406,408,714,731

Sets of members:

**Longitudinal Reinforcement** **Stirrups** **Secondary Reinforcement** **Reinforcement Layout** **LST EN 1992-1-1** **Fire Resistance**

**Reinforcement**

Possible diameters:

☐ 8.0  
☐ 10.0  
☐ 12.0  
☐ 14.0  
☐ 16.0  
☐ 20.0  
☒ 28.0  
☐ 30.0  
☐ 32.0

**Reinforcement Layout**

Uniformly surrounding

**Reinforcement Layers**

Maximum number of layers: 1

Minimum spacing

- First Layer a: 70.0 [mm]  
- Further Layers b: 20.0 [mm]  
- Layer Distance e: 20.0 [mm]

**Anchorage Type**

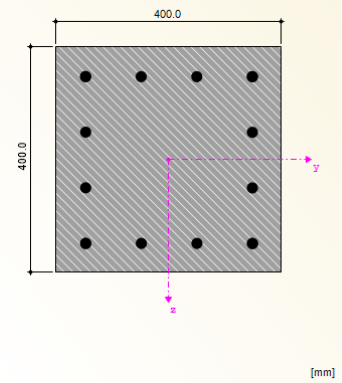
Straight

Steel surface: Ribbed

**Cross-Section**

76 - Rectangle 400/400

Rectangle 400/400



[mm]

**2.104 pav.** Kolonų išilginio armavimo nustatymai (kampinės)

**1.4 Reinforcement**

**Reinforcement Group**

No.: 1 Description: Centrinės kolonos

**Applied to**

Members: 413,421,424,428,436,440,448,452,460,464,4

Sets of members:

**Longitudinal Reinforcement** **Stirrups** **Secondary Reinforcement** **Reinforcement Layout** **LST EN 1992-1-1** **Fire Resistance**

**Reinforcement**

Possible diameters:

☐ 8.0  
☒ 10.0  
☐ 12.0  
☐ 14.0  
☐ 16.0  
☐ 20.0  
☐ 25.0  
☐ 28.0  
☐ 30.0  
☐ 32.0

**Stirrup Parameters**

Number of stirrup legs: 3

☒ In y-direction  
☒ In z-direction

Minimum shear reinforcement:  
☒ According to Standard  
☐ User-defined

Min  $a_{sw}$ : 0.00 [cm<sup>2</sup>/m]

**Anchorage Type**

Hook

**Cross-Section**

76 - Rectangle 400/400

Rectangle 400/400

[mm]

**2.105 pav.** Kolonų skersinio armavimo nustatymai (centrinės)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	116	267	0

**1.4 Reinforcement**

**Reinforcement Group**

No.: 2 Description: Kraštinės kolonos

**Applied to**

Members: 414,422,427,432,439,444,451,456,463,468,4

Sets of members:

**Longitudinal Reinforcement** **Stirrups** **Secondary Reinforcement** **Reinforcement Layout** **LST EN 1992-1-1** **Fire Resistance**

**Reinforcement**

Possible diameters:

☐ 8.0

☒ 10.0

☐ 12.0

☐ 14.0

☐ 16.0

☐ 20.0

☐ 25.0

☐ 28.0

☐ 30.0

☐ 32.0

**Stirrup Parameters**

Number of stirrup legs: 3

☒ In y-direction

☒ In z-direction

Minimum shear reinforcement:

☒ According to Standard

☐ User-defined

Min  $a_{sw}$ : 0.00 [cm<sup>2</sup>/m]

**Anchorage Type**

Hook

**Cross-Section**

76 - Rectangle 400/400

Rectangle 400/400

400.0

400.0

[mm]

[mm]

**2.106 pav.** Kolonų skersinio armavimo nustatymai (kraštinės)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	117	267	0

**1.4 Reinforcement**

**Reinforcement Group**

No.: 3 Description: Šoninės kolonos

**Applied to**

Members: 405,407,713,728

Sets of members:

**Longitudinal Reinforcement** **Stirrups** **Secondary Reinforcement** **Reinforcement Layout** **LST EN 1992-1-1** **Fire Resistance**

**Reinforcement**

Possible diameters:

☐ 8.0 ☒ 10.0 ☐ 12.0 ☐ 14.0 ☐ 16.0 ☐ 20.0 ☐ 25.0 ☐ 28.0 ☐ 30.0 ☐ 32.0

**Stirrup Parameters**

Number of stirrup legs: 3

☒ In y-direction ☒ In z-direction

Minimum shear reinforcement:

☒ According to Standard ☐ User-defined

Min  $a_{sw}$ : 0.00 [cm<sup>2</sup>/m]

**Anchorage Type**

Hook

**Cross-Section**

76 - Rectangle 400/400

Rectangle 400/400

400.0

400.0

[mm]

[mm]

**2.107 pav.** Kolonų skersinio armavimo nustatymai (šoninės)



**1.4 Reinforcement**

**Reinforcement Group**

No.: 4 Description: Kampinės kolonos

**Applied to**

Members: 406,408,714,731

Sets of members:

**Longitudinal Reinforcement** **Stirrups** **Secondary Reinforcement** **Reinforcement Layout** **LST EN 1992-1-1** **Fire Resistance**

**Reinforcement**

Possible diameters:

☐ 8.0 ☒ 10.0 ☐ 12.0 ☐ 14.0 ☐ 16.0 ☐ 20.0 ☐ 25.0 ☐ 28.0 ☐ 30.0 ☐ 32.0

**Stirrup Parameters**

Number of stirrup legs: 3

☒ In y-direction ☒ In z-direction

Minimum shear reinforcement:

☒ According to Standard ☐ User-defined

Min  $a_{sw}$ : 0.00 [cm<sup>2</sup>/m]

**Anchorage Type**

Hook

**Cross-Section**

76 - Rectangle 400/400

Rectangle 400/400

400.0

400.0

[mm]

[mm]

**2.108 pav.** Kolonų skersinio armavimo nustatymai (kampinės)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	119	267	0

1.4 Reinforcement

Reinforcement Group

No.: 4  
Description: Kampinės kolonos

Applied to

Members: 406,408,714,731

Sets of members:

Longitudinal Reinforcement
Stirrups
Secondary Reinforcement
Reinforcement Layout
LST EN 1992-1-1
Fire Resistance

Data for Fire Resistance Design

Fire Resistance Class:  
R120

Number of zones:  
30

Type of concrete aggregates:  
Quartz-containing

Classification of reinforcement with regard to temperature properties:  
Class N

Production type of reinforcing steel:  
Hot-rolled

Cross-section sides exposed to fire:  
☒ All sides

☐ +y  
☐ +z

☐ Consider precamber due to temperature gradient

Material Factors in Case of Fire

Partial safety factors according to 2.3(2) (NA parameter)

Concrete  $\gamma_{c,fi}$  : 1.00

Reinforcement  $\gamma_{s,fi}$  : 1.00

Reduction factor in consideration of long term loading effects

- For compressive load  $\alpha_{cc,fi}$  : 1.00

- For tensile load  $\alpha_{ct,fi}$  : 1.00

☒ Consider thermal strain of concrete and reinforcement steel

Consider Checks

☒ Check of shear force

Cross-Section

76 - Rectangle 400/400

Rectangle 400/400

2.109 pav. Ugniaatsparumo nustatymai

**1.4 Reinforcement**

**Reinforcement Group**

No.: 4 Description: Kampinės kolonos

**Applied to**

Members: 406,408,714,731

Sets of members:

**Longitudinal Reinforcement** **Stirrups** **Secondary Reinforcement** **Reinforcement Layout** **LST EN 1992-1-1** **Fire Resistance**

**Longitudinal Reinforcement**

☒ Minimum longitudinal reinforcement according to Standard

☒ Maximum longitudinal reinforcement according to Standard

☐ User-defined minimum and maximum longitudinal reinforcement

Percentage of reinforcement

min  $\rho_s$  : 0.00 [%]

max  $\rho_s$  : 4.00 [%]

Reinforcement area

min  $A_s$  : 0.00 [cm<sup>2</sup>]

**Factors**

Partial safety factors for materials acc. to 2.4.2.4 (NA parameter)

	Persistent and Transient	Accidental
- for concrete $\gamma_c$ :	1.5000	1.2000
- for reinforcement $\gamma_s$ :	1.1500	1.0000

Reduction factor in consideration of long term loading effects on compressive strength acc. to 3.1.6 (NA parameter)

	Persistent and Transient	Accidental
- for compression $\alpha_{cc}$ :	0.9000	0.9000
- for tension $\alpha_{ct}$ :	1.0000	1.0000

**Shear Reinforcement**

Design method according to 6.2.3

Inclination of concrete strut (NAD-Parameter)

- Minimum:	21.801 [°]
- Maximum:	45.000 [°]

**Cross-Section**

76 - Rectangle 400/400

**2.110 pav. Patikimumo koeficientų nustatymai**

## 2.12.2 Surenkamų gelžbetoninių kolonų skaičiavimų rezultatai

2.1 Check of Members

Member No.	A Location x [m]	B Governing Load Case	C Design Ratio	D Criteria	E Design Comment
	0.000	RC4 - min N	0.2421	≤ 1	100) Fire Resistance - Check of critical cross-section of model column acc. to 5.8.8
493	Cross-Section No. 76 - Rectangle 400/400				
	0.000	RC1 - max My	0.6524	≤ 1	100) Check of critical cross-section of model column acc. to 5.8.8
	0.000	RC1 - max My	1.2465	> 1	202) Shear check ( $V_{Ed} / V_{Rd,c} \leq 1$ ) acc. to 6.2.2 (1) 11)
	0.000	RC1 - max My	0.4315	≤ 1	203) Shear check ( $V_{Ed} / V_{Rd,max} \leq 1$ ) acc. to 6.2.3 (3)
	0.000	RC1 - max My	0.9985	≤ 1	204) Shear check ( $V_{Ed} / V_{Rd,s} \leq 1$ ) acc. to 6.2.3 (3)
	0.000	RC4 - max My	0.6727	≤ 1	100) Fire Resistance - Check of critical cross-section of model column acc. to 5.8.8
634	Cross-Section No. 76 - Rectangle 400/400				
	0.000	RC1 - min My	0.6637	≤ 1	100) Check of critical cross-section of model column acc. to 5.8.8
	0.000	RC1 - min My	1.3028	> 1	202) Shear check ( $V_{Ed} / V_{Rd,c} \leq 1$ ) acc. to 6.2.2 (1) 11)
	0.000	RC1 - min My	0.4480	≤ 1	203) Shear check ( $V_{Ed} / V_{Rd,max} \leq 1$ ) acc. to 6.2.3 (3)

☐ All load cases

Max: 0.9985 ≤ 1

Details - Member No. 493 - x: 0.000 m - RC1

☒ Points of Cross-Section

☒ Rebars

☒ Design Shear Force

Type of Shear Loads

Design Shear Force

VType

VEd

Biaxial

193.279 kN

☒ Design Shear Resistance of Tensile Strut

Provided Shear Reinforcement

Diameter of Stirrups

Number of Stirrup Legs

Spacing

Design Value of Yield Stress

Lever Arm

prov asw

dsw

nsw

ssw

f<sub>yd</sub>

z

6.64

10.0

3.000

355.0

434.78

268.3

cm<sup>2</sup>/m

mm

mm

MPa

mm

☒ Cotangent of Angle of Strut

Angle of Struts

Design Shear Resistance

cot θ

θ

V<sub>Rd,s</sub>

2.5000

21.801 °

193.571 kN

☒ Verification

Design Shear Force

Design Shear Resistance

Design Criterion (V<sub>Ed</sub>/V<sub>Rd,s</sub>)

VEd

V<sub>Rd,s</sub>

Criterion

193.279 kN

193.571 kN

0.9985

Rectangle 400/400

Concrete : Strain

Reinforcement : Strain

Concrete Reinforcement

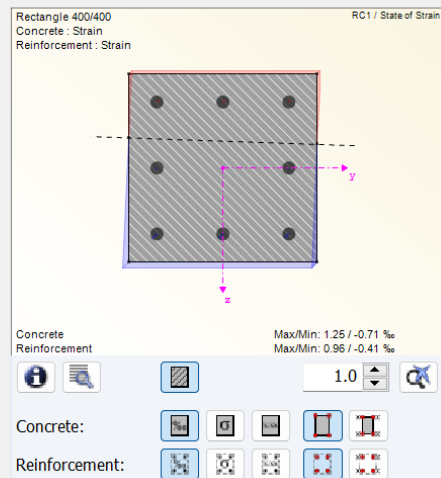
Max/Min: 1.25 / -0.71 ‰

Max/Min: 0.96 / -0.41 ‰

1.0

Concrete:

Reinforcement:



2.111 pav. Kolonų skaičiavimų rezultatai

### 3.1 Required Reinforcement by Cross-Section

Section No.	A Reinforcement Type	B Member No.	C Location x [m]	D Loading	E Symbol	F Reinforcement Area	G Unit	H Error or Notice
76	Rectangle 400/400							
	Longitudinal	713	0.000	RC1	As	43.14	cm <sup>2</sup>	
	Shear	713	0.000	RC1	asw	7.64	cm <sup>2</sup> /m	

☐ All load cases

#### Intermediate Results Rectangle 400/400 - RC1

##### Governing Load

Load		RC1
Governing Internal Forces		min My
At Location	x	0.000 m
Normal Force	N	-211.971 kN
Moment About y-Axis	My	-64.292 kNm
Moment About z-Axis	Mz	124.012 kNm

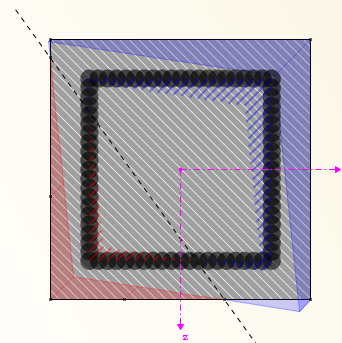
##### Effective Length According to 5.8.3.2

Effective Length About Axis y	l <sub>0,y</sub>	16.119 m
Column Length	l <sub>y</sub>	8.059 m
Buckling Coefficient	β <sub>y</sub>	2.000
Effective Length About Axis z	l <sub>0,z</sub>	16.119 m
Column Length	l <sub>z</sub>	8.059 m
Buckling Coefficient	β <sub>z</sub>	2.000

##### Slenderness According to 5.8.3.2

Slenderness About Axis y	λ <sub>y</sub>	139.5900
Effective Length	l <sub>0,y</sub>	16.119 m
Radius of Gyration	i <sub>y</sub>	115.5 mm
Slenderness About Axis z	λ <sub>z</sub>	139.5900

Rectangle 400/400  
Concrete : Strain  
Reinforcement : Strain



Concrete  
Reinforcement

Max/Min: 5.51 / -3.50 %  
Max/Min: 4.16 / -2.15 %



1.0



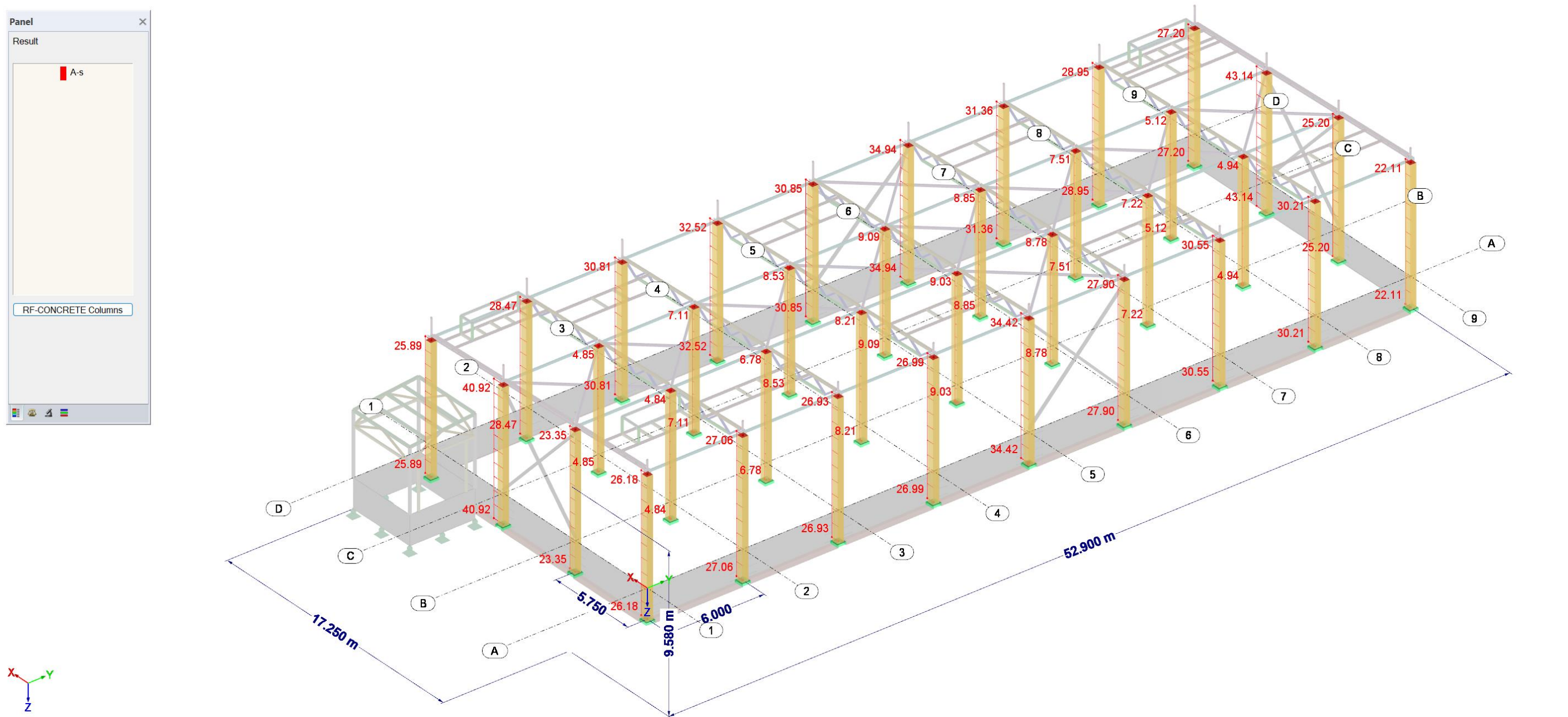
Concrete:



Reinforcement:



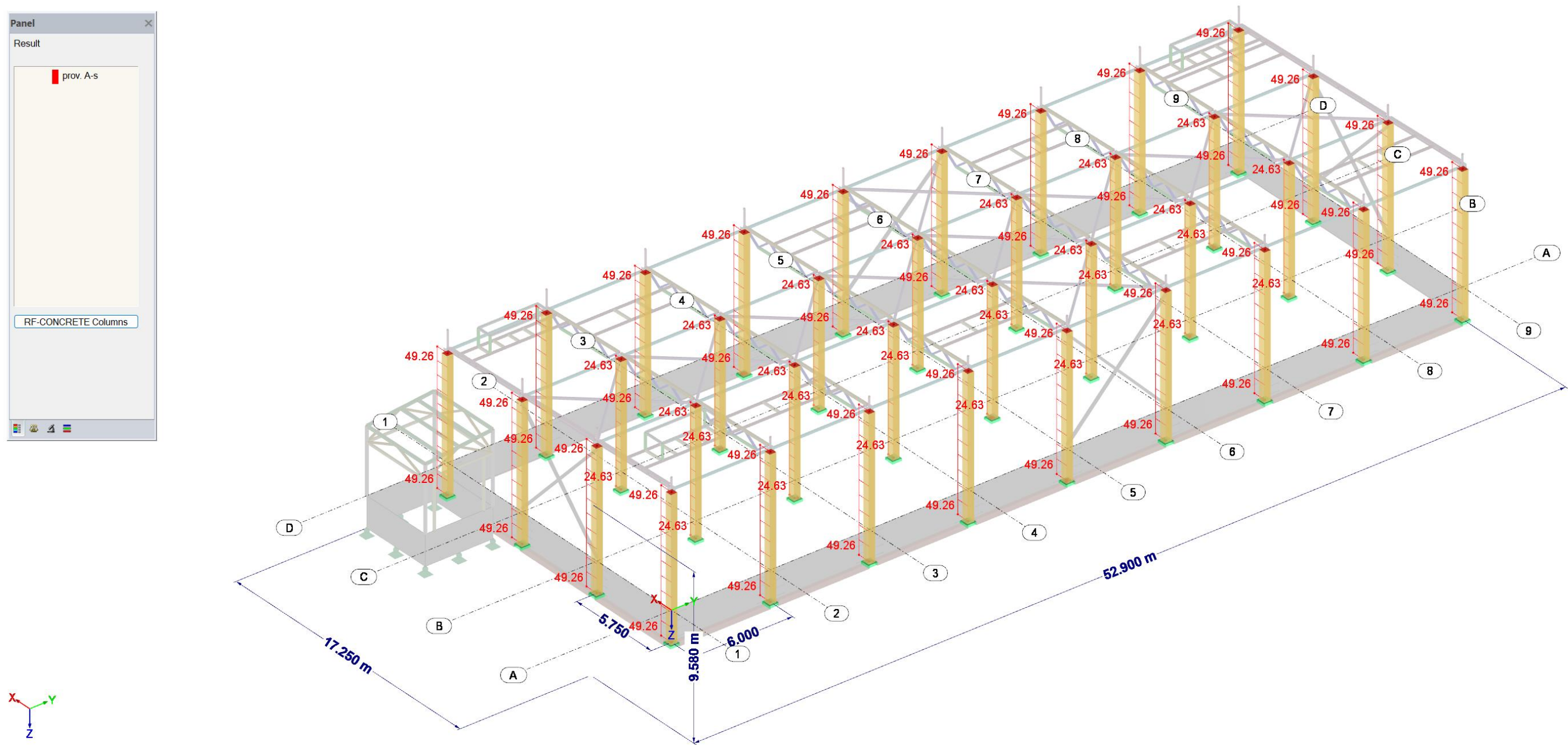
2.112 pav. Kolonų skaičiavimų rezultatai



Max A-s : 0.004314

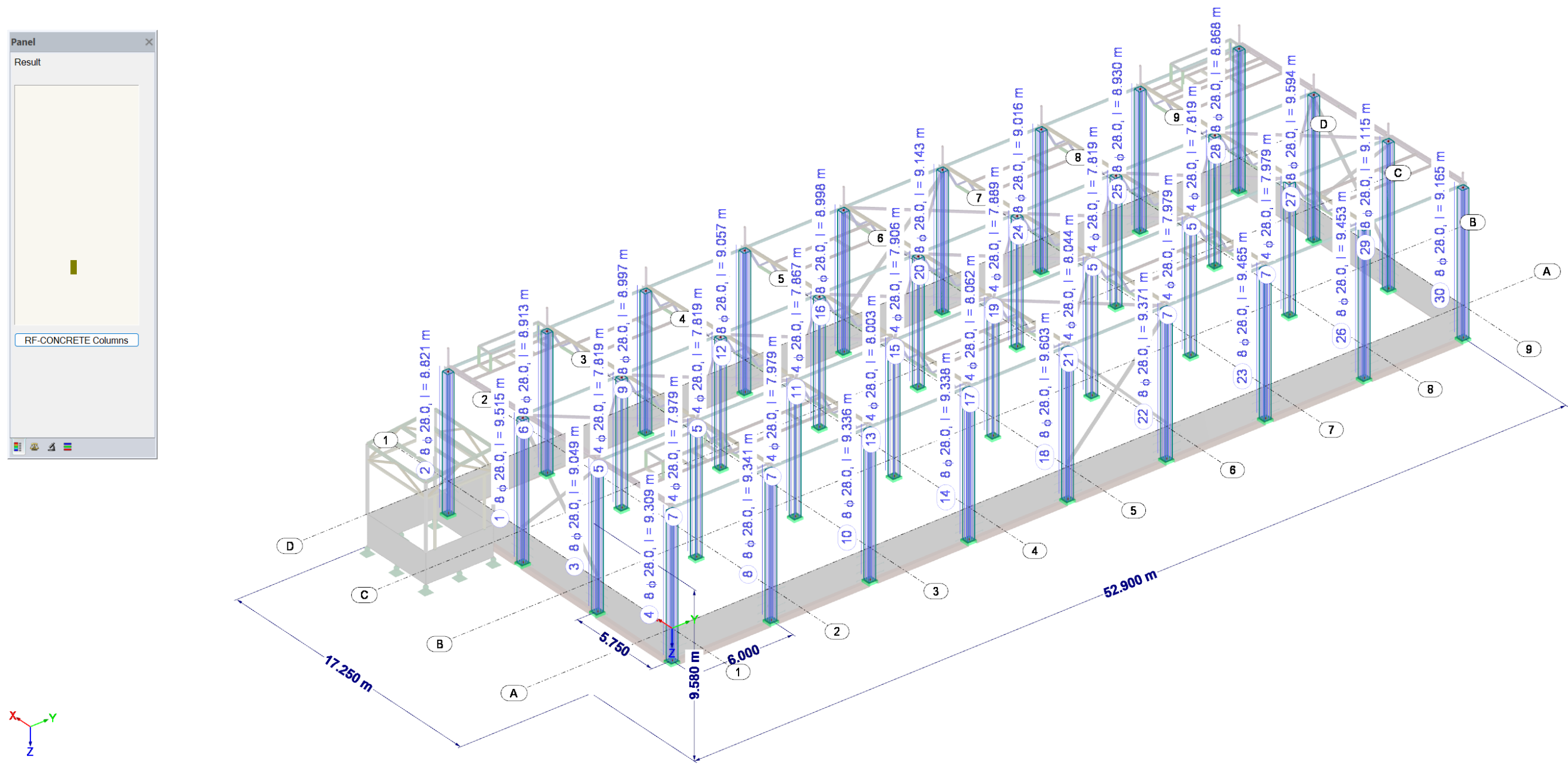
2.113 pav. Surenkamų gelžbetoninių kolonų išilginės armatūros poreikis (As) (nuo įrašų gaubtinių)





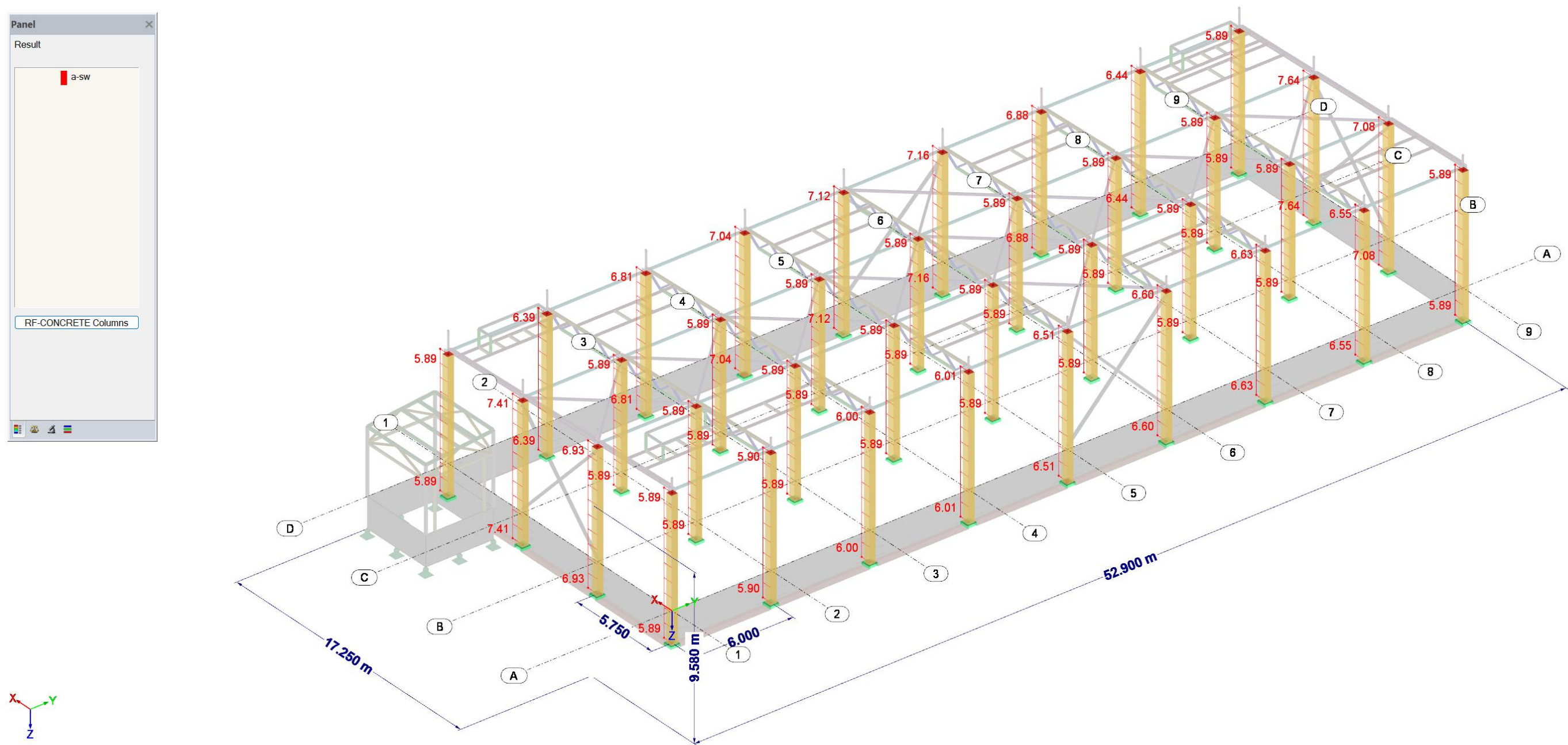
Max prov. A-s : 0.004926

2.114 pav. Surenkamų gelžbetoninių kolonų išilginės armatūros parinkimas (prov. As) (nuo įrašų gaubtinių)



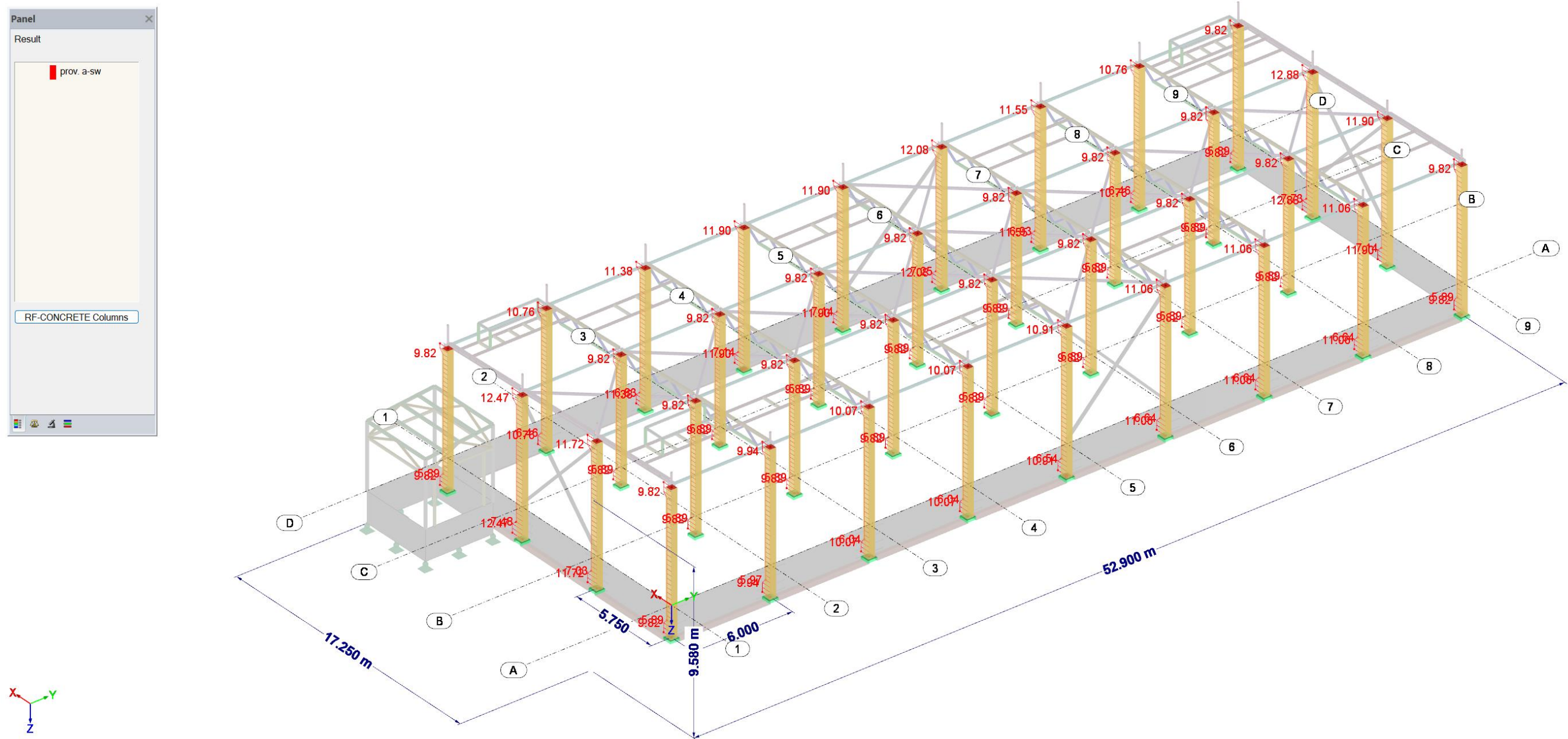
2.115 pav. Surenkamų gelžbetoninių kolonų išilginės armatūros parinkimas (prov. As) (nuo įrašų gaubtinių)





Max a-sw : 0.000764

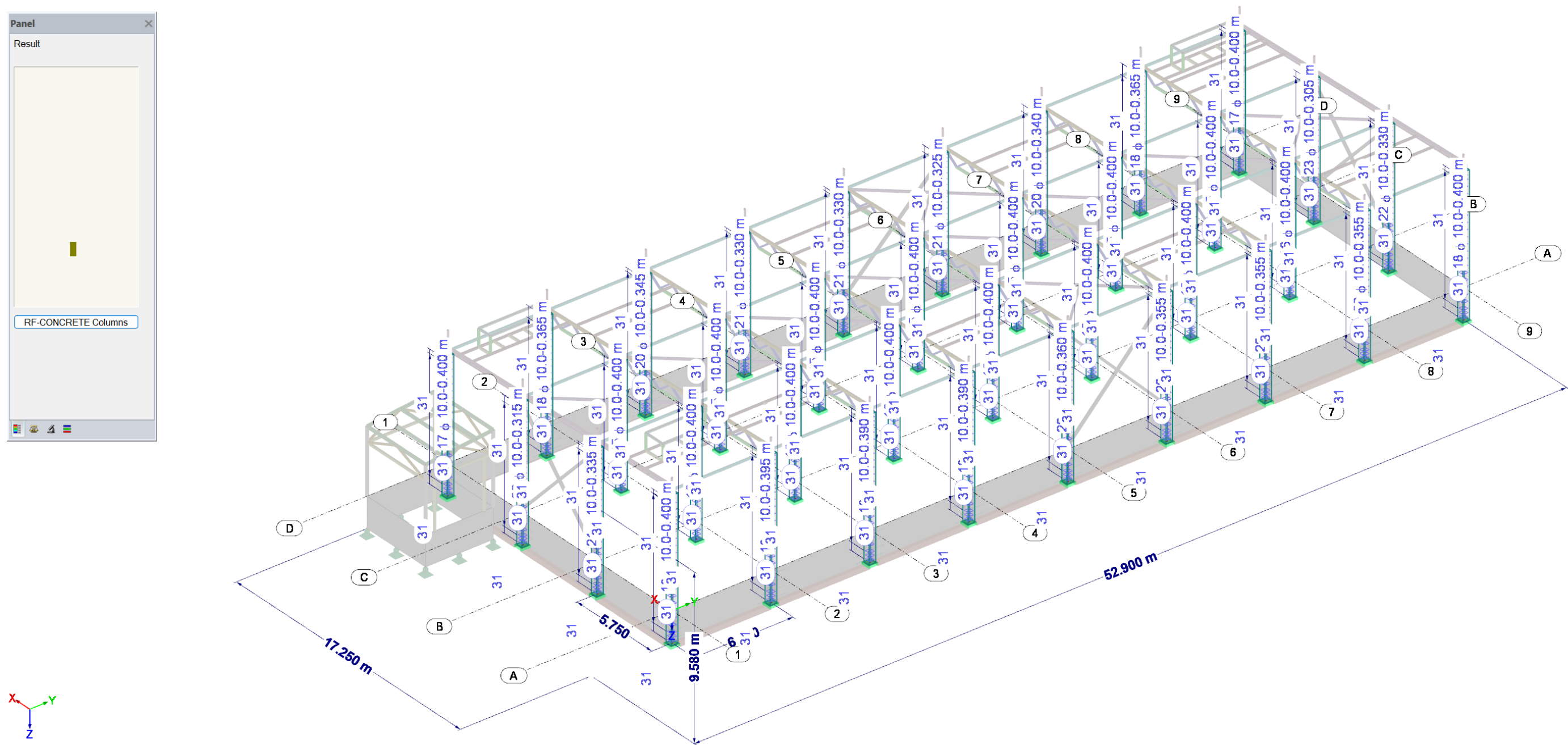
2.116 pav. Surenkamų gelžbetoninių kolonų skersinės armatūros poreikis (asw) (nuo įrašų gaubtinių)



Max prov. a-sw : 12.875375

2.117 pav. Surenkamų gelžbetoninių kolonų skersinės armatūros parinkimas (prov. asw) (nuo įrašų gaubtinių)





2.118 pav. Surenkamų gelžbetoninių kolonų skersinės armatūros parinkimas (prov. asw) (nuo įrąžų gaubtinių)

### 2.12.3 Gelžbetoninių cokolio plokščių projektavimas

Cokolio plokščių medžiagų parametrai, skaičiavimo nustatymai ir rezultatai pagal tinkamumo ir saugos ribinius būvius pateikti grafiškai.

1.1 General Data

Design Acc. to Standard / NA

EN 1992-1-1:2004/A1:2014

LST:2011

Ultimate Limit State

Serviceability Limit State

Details

Fire Resistance

Existing Load Cases / Combinations

G

LC1Nuosavas

G

LC2Sluoksniai

QiE

LC3Naudojimo

Qs

LC4Sniegas (visas)

Qw

LC5Vėjas x+

Qw

LC6Vėjas y-

STR

CO11.35G1 + 1.35G2

STR

CO21.35G1 + 1.35G2 + 1.3QiE

STR

CO31.35G1 + 1.35G2 + 1.3QiE + 0.78Qw1

STR

CO41.35G1 + 1.35G2 + 1.3QiE + 0.78Qw2

STR

CO51.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 0.78Qw1

STR

CO61.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 0.78Qw2

STR

CO71.35G1 + 1.35G2 + 1.3QiE + 0.91Qs

STR

CO81.35G1 + 1.35G2 + 1.3Qw1

STR

CO91.35G1 + 1.35G2 + 1.3Qw2

STR

CO101.35G1 + 1.35G2 + 1.3QiE + 1.3Qw1

STR

CO111.35G1 + 1.35G2 + 1.3QiE + 1.3Qw2

STR

CO121.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 1.3Qw1

STR

CO131.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 1.3Qw2

All (68)

Selected for Design

STR RC1

ULS (STR/GEO) - Perma

Persistent and Transient

**2.119 pav.** Stiprumo ribinio būvio deriniai



## 1.1 General Data

Design Acc. to Standard / NA

EN 1992-1-1:2004/A1:2014

v

LST:2011

v

Ultimate Limit State

Serviceability Limit State

Details

Fire Resistance

Existing Load Cases / Combinations

	LC1	Nuosavas
	LC2	Sluoksniai
	LC3	Naudojimo
	LC4	Sniegas (visas)
	LC5	Vėjas x+
	LC6	Vėjas y-
	CO1	1.35G1 + 1.35G2
	CO2	1.35G1 + 1.35G2 + 1.3QiE
	CO3	1.35G1 + 1.35G2 + 1.3QiE + 0.78Qw1
	CO4	1.35G1 + 1.35G2 + 1.3QiE + 0.78Qw2
	CO5	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 0.78Qw1
	CO6	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 0.78Qw2
	CO7	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
	CO8	1.35G1 + 1.35G2 + 1.3Qw1
	CO9	1.35G1 + 1.35G2 + 1.3Qw2
	CO10	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qw1
	CO11	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qw2
	CO12	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 1.3Qw1
	CO13	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 1.3Qw2

All (67)

Selected for Design

	RC2	SLS - Characteristic	Characteristic with direct
	RC4	SLS - Quasi-permanent	Quasi-permanent

Options

☐ Nonlinear calculation...

☒ Activate creep and shrinkage

Settings

LC-Factor:

1.0

v

**2.120 pav.** Tinkamumo ribinio būvio deriniai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	131	267	0

## 1.2 Materials

Material No.	A	B	C
	Concrete Strength Class	Reinforcing Steel	Comment
16	Steel S 355	B 500 S (A)	
22	Concrete C35/45	B 500 S (B)	
24	Concrete C35/45	B 500 S (B)	

### Material Properties

#### Concrete Strength Class: Concrete C35/45

Characteristic Cylinder Compressive Strength	$f_{ck}$	35.000	N/mm <sup>2</sup>
Mean Cylinder Compressive Strength	$f_{cm}$	43.000	N/mm <sup>2</sup>
Mean Axial Tensile Strength	$f_{ctm}$	3.200	N/mm <sup>2</sup>
5 % Fractile of Axial Tensile Strength	$f_{ctk,0.05}$	2.200	N/mm <sup>2</sup>
95 % Fractile of Axial Tensile Strength	$f_{ctk,0.95}$	4.200	N/mm <sup>2</sup>
Mean Secant Modulus of Elasticity	$E_{cm}$	34000.000	N/mm <sup>2</sup>

#### Characteristic Strains for Nonlinear Calculations

Ultimate Strain for Pure Compression	$\epsilon_{c1}$	-2.25	‰
Ultimate Strain at Failure	$\epsilon_{cu1}$	-3.50	‰

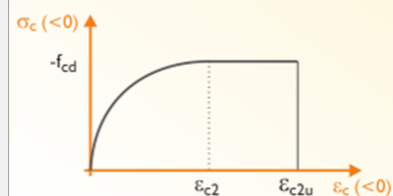
#### Characteristic Strains for Parabolic-Rectangular Diagram

Ultimate Strain for Pure Compression	$\epsilon_{c2}$	-2.00	‰
Ultimate Strain at Failure	$\epsilon_{cu2}$	-3.50	‰
Parabola Exponent	$n$	2.00	
Specific Weight	$\gamma$	25.00	kN/m <sup>3</sup>

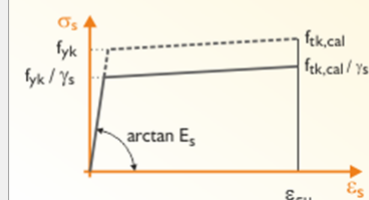
#### Reinforcing Steel: B 500 S (B)

Modulus of Elasticity	$E_s$	200000.000	N/mm <sup>2</sup>
Characteristic Yield Stress	$f_{yk}$	500.000	N/mm <sup>2</sup>
Characteristic Tensile Strength	$f_{tk}$	540.000	N/mm <sup>2</sup>
Limiting Strain	$\epsilon_{uk}$	50.00	‰

Concrete stress-strain curve for section design



Reinforcement stress-strain curve for section design



2.121 pav. Cokolio plokščių (sijos) medžiagų parametrai

## 1.2 Materials

Material No.	A	B	C
	Concrete Strength Class	Reinforcing Steel	Comment
1	Concrete C30/37	B 500 S (B)	
7	Concrete C30/37	B 500 S (A)	
14	Muras (Brick, Group 3, Standard	B 500 S (A)	
23	Concrete C35/45	B 500 S (A)	
24	Concrete C35/45	B 500 S (A)	

### Material Properties

#### Concrete Strength Class: Concrete C35/45

Characteristic Cylinder Compressive Strength	f <sub>ck</sub>	35.000	MPa
5 % Fractile of Axial Tensile Strength	f <sub>ctk,0.05</sub>	2.200	MPa
Characteristic for Nonlinear Calculations			
Mean Secant Modulus of Elasticity	E <sub>cm</sub>	34000.000	MPa
Mean Cylinder Compressive Strength	f <sub>cm</sub>	43.000	MPa
Mean Axial Tensile Strength	f <sub>ctm</sub>	3.200	MPa
Ultimate Strain for Pure Compression	ε <sub>c1</sub>	-2.250	%
Ultimate Strain at Failure	ε <sub>c1u</sub>	-3.500	%
Shear Modulus	G	14166.700	MPa
Poisson's Ratio	ν	0.200	

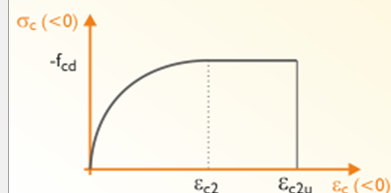
#### Characteristic Strains for Parabolic-Rectangular Diagram

Ultimate Strain for Pure Compression	ε <sub>c2</sub>	-2.000	%
Ultimate Strain at Failure	ε <sub>cu2</sub>	-3.500	%
Parabola Exponent	n	2.000	
Specific Weight	γ	25.00	kN/m <sup>3</sup>

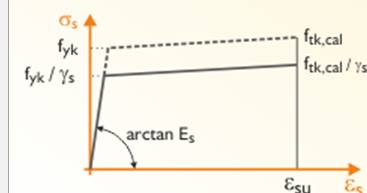
#### Reinforcing Steel: B 500 S (A)

Modulus of Elasticity	E <sub>s</sub>	200000.000	MPa
Yield Stress Mean Value	f <sub>ym</sub>	550.000	MPa
Characteristic Yield Stress	f <sub>yk</sub>	500.000	MPa
Tensile Strength Mean Value	f <sub>tm</sub>	551.250	MPa
Characteristic Tensile Strength	f <sub>tk</sub>	525.000	MPa
Limiting Strain	ε <sub>uk</sub>	25.000	%

Concrete stress-strain curve for section design



Reinforcement stress-strain curve for section design



2.122 pav. Cokolio plokščių medžiagų parametrai

1.6 Reinforcement

Reinforcement Group

No.:

Description:

1

Cokolinės plokštės

Applied to

Members:

2436-2457

Sets of members:

Longitudinal Reinforcement

Stirrups

Reinforcement Layout

Min Reinforcement

Shear Joint

LST EN 1992-1-1

Serviceability

Concrete Cover

C-z (top) :

35.0

[mm]

C+z (bottom) :

50.0

[mm]

C±y (side) :

35.0

[mm]

☐

Minimum cover acc. to Standard

Cover to Bar Centroidal Axis

U-z (top) :

43.0

[mm]

U+z (bottom) :

58.0

[mm]

U±y (side) :

43.0

[mm]

☐

Minimum cover acc. to Standard

Reinforcement Layout

Uniformly surrounding

Reinforcement Ratio

A-s,top / A-s:

[%]

Option:

☐

Distribute reinforcement evenly over complete slab width

Distribute the tensile reinforcement in the slab over a width of:

b<sub>eff,i</sub>

☒

Distribute torsional reinforcement circumferentially

Settings

Relevant internal forces for concrete design:

☒ N

☒ M<sub>T</sub>

☒ V<sub>y</sub>

☒ M<sub>y</sub>

☒ V<sub>z</sub>

☒ M<sub>z</sub>

Cross-Section

Rib UZU 430/0/540/0/200/300

UZU 430/0/540/0/200/300

Settings

☒

Design the provided reinforcement

☐

Use saved reinforcement results:

2.123 pav. Cokolio plokščių (sijos) apsauginio sluoksnio nustatymai

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
134	267	0

**1.4 Reinforcement**

Reinforcement Group		Applied to
No. 1	Description: Cokolinės plokštės	Surfaces: 27 <input type="checkbox"/> All

Reinforcement Ratios | Reinforcement Layout | Longitudinal Reinforcement | LST EN 1992-1-1 | Design Method

Number of Reinforcement Directions		Refer Concrete Cover to
Top (-z) :	2	<input type="radio"/> Centroid of reinforcement
Bottom (+z) :	2	<input checked="" type="radio"/> Edge

Concrete Cover for Reinforcement

☐ According to Standard...

	Basic Reinforcement		Additional Reinforcement	
	c	d2	c	d2
Top (-z) :	3.50	5.30 [cm]	3.50	
Bottom (+z) :	3.50	5.30 [cm]	3.50	

Reinforcement Directions Related to Local x-Axis of FE-Element for Results

	$\phi 1$	$\phi 2$
Top (-z) :	0.000	90.000 [°]
Bottom (+z) :	0.000	90.000 [°]

**2.124 pav.** Cokolio plokščių apsauginio sluoksnio nustatymai



**1.6 Reinforcement**

**Reinforcement Group**

No.: 1 Description: Cokolinės plokštės

**Applied to**

Members: 2436-2457

Sets of members:

**Longitudinal Reinforcement** | Stirrups | Reinforcement Layout | Min Reinforcement | Shear Joint | LST EN 1992-1-1 | Serviceability

**Reinforcement**

Possible diameters:

- ☐ 8.0
- ☐ 10.0
- ☐ 12.0
- ☐ 14.0
- ☒ 16.0
- ☐ 20.0
- ☐ 25.0
- ☐ 28.0
- ☐ 30.0
- ☐ 32.0

**Reinforcement Layers**

Max. number of layers: 1

Minimum spacing

- First layer a : 30.0 [mm]

- Additional layers b : [mm]

**Anchorage Type**

Straight

Steel surface: Ribbed

**Curtailment Type**

☒ No curtailment

☐ Curtailment by zones

Number of zones: 3

☐ Curtailment by reinforcement bars

Number of bars: 2

**Provided Basic Reinforcement**

☐ As: ☐ As,+z (bottom)

n : 0 0 [-]

d : 10.0 10.0 [mm]

As : 0.00 0.00 [cm<sup>2</sup>]

**Cross-Section**

Rib UZU 430/0/540/0/200/300

UZU 430/0/540/0/200/300

**Settings**

☒ Design the provided reinforcement

☐ Use saved reinforcement results:

**2.125 pav.** Cokolio plokščių (sijos) išilginio armavimo nustatymai

1.4 Reinforcement

Reinforcement Group

No. 1  
Description: Cokolinės plokštės

Applied to

Surfaces: 27

Reinforcement Ratios   Reinforcement Layout   Longitudinal Reinforcement   LST EN 1992-1-1   Design Method

Provided Basic Reinforcement

☐ Use required reinforcement for design of serviceability

	Reinforcement Area		Diameter	
	$a_{s1}$	$a_{s2}$	$d_{s1}$	$d_{s2}$
Top (-z) :	7.54	7.54 [cm <sup>2</sup> /m]	12.00	12.00 [mm]
Bottom (+z) :	7.54	7.54 [cm <sup>2</sup> /m]	12.00	12.00 [mm]

Additional Reinforcement for Serviceability State Design

Approach of: Additional reinforcement layout

	Reinforcement Area		Diameter	
	$a_{s1}$	$a_{s2}$	$d_{s1}$	$d_{s2}$
Top (-z) :			12.00	12.00 [mm]
Bottom (+z) :			12.00	12.00 [mm]

Longitudinal Reinforcement for Check of Shear Resistance

☐ Apply required longitudinal reinforcement

☒ Apply the greater value resulting from either the required or provided reinforcement (basic and add. reinforcement) per reinforcement direction

☐ Automatically increase required longitudinal reinforcement to avoid shear reinforcement

2.126 pav. Cokolio plokščių armavimo nustatymai

**1.6 Reinforcement**

**Reinforcement Group**

No.: 1 Description: Kokolinės plokštės

**Applied to**

Members: 2436-2457

Sets of members:

**Longitudinal Reinforcement** **Stirrups** Reinforcement Layout Min Reinforcement Shear Joint LST EN 1992-1-1 Serviceability

**Reinforcement**

Possible diameters:

☐ 6.0  
☐ 8.0  
☒ 10.0  
☐ 12.0  
☐ 14.0  
☐ 16.0  
☐ 20.0  
☐ 25.0  
☐ 28.0  
☐ 30.0  
☐ 32.0

**Stirrup Parameters**

Number of legs: 2

Inclination: 90.00 °

Anchorage type: Hook

**Stirrup Layout / Stirrup Spacing**

☒ Uniform spacing throughout

☐ Zone related spacing:  
Number of zones: 3

☐ Subdivided according to stirrup spacing:  
Spacing: [m]

☐ Defined stirrup spacing:  
1: 50 - 300 mm, 50 mm

**Spacing limits**

☒ Maximum stirrup spacing according to standard

**User-defined**

☐ Maximum: [m]  
☐ Minimum: [m]

**Cross-Section**

Rib UZU 430/0/540/0/200/300

UZU 430/0/540/0/200/300

**Settings**

☒ Design the provided reinforcement  
☐ Use saved reinforcement results:

**2.127 pav.** Cokolio plokščių (sujos) skersinio armavimo nustatymai

1.6 Reinforcement

Reinforcement Group

No.: 1  
Description: Cokolinės plokštės

Applied to

Members: 2436-2457  
Sets of members:

Longitudinal Reinforcement
Stirrups
Reinforcement Layout
Min Reinforcement
Shear Joint
LST EN 1992-1-1
Serviceability

Concrete Stress Analysis

☐ Limitation of concrete compressive stress  $\sigma_c$   
☒ According to the design situation with  $k_1 \cdot f_{ck}$  and  $k_2 \cdot f_{ck}$  acc. to EN 1992-1-1, NDP(7.2)  
☐  $\alpha \cdot f_{ck}$   $\alpha$ :   
 $\sigma_{c,max,k1}$  -21.000 N/mm<sup>2</sup>  $\sigma_{c,max,k2}$  =-15.750 N/mm<sup>2</sup>

Steel Stress Analysis

☒ Limitation of steel stress  $\sigma_s$   
☒ According to the design situation with  $k_3 \cdot f_{yk}$  and  $k_4 \cdot f_{yk}$  acc. to EN 1992-1-1, NDP(7.2)  
☐  $\alpha \cdot f_{yk}$   $\alpha$ :   
 $\sigma_{s,max,k3}$  400.000 N/mm<sup>2</sup>  $\sigma_{s,max,k4}$  =500.000 N/mm<sup>2</sup>

Design of Crack Width Control

Limit value for allowable crack width  $w_{k,max}$   
☒ Limit values acc. to 7.3.1(5)  
☐ User-defined  
 $w_{k,-z}$  (top) :  [mm]  
 $w_{k,+z}$  (bottom) :  [mm]  
☒ Design without direct crack width calculation acc. to 7.3.3  
☒ Calculation of limit diameter  $lim\ ds$   
☒ Calculation of maximum member spacing  $lim\ s_l$   
☒ Design with direct crack width calculation acc. to 7.3.4  
☐ Use upper bound for  $s_r, max$  acc. Eq. (7.14)  
Effective concrete tensile strength at time of cracking  
 $f_{ct,eff,wk}$  =  \*  $f_{ctm}$

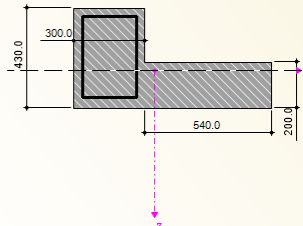
Minimum Reinforcement for Effects Due to Restraint

☐  $A_{s,min}$  for effects due to restraint  
Stress distribution within the section prior to cracking  
  
 $A_{s,min}$  layout:  
  
☐ Crack formation in the first 28 days  
 $f_{ct,eff,A_{s,min}}$  =  \*  $f_{ctm}$

Determination of Longitudinal Reinforcement

☒ Increase the required longitudinal reinforcement automatically for serviceability limit state design  
☐ Find the most economical reinforcement for crack width design  
☐ Consider  $A_{s,min}$  acc. to 7.3.2 also for the direct calculation of crack width acc. to 7.3.4

Cross-Section

Rib UZU 430/0/540/0/200/300  
UZU 430/0/540/0/200/300  


Settings

☒ Design the provided reinforcement  
☐ Use saved reinforcement results:

2.128 pav. Cokolio plokščių (sijos) plyšio pločio nustatymai

1.6 Reinforcement

Reinforcement Group

No.:  
1

Description:  
Cokolinės plokštės

Applied to

Members:  
2436-2457

Sets of members:

Longitudinal Reinforcement
Stirrups
Reinforcement Layout
Min Reinforcement
Shear Joint
LST EN 1992-1-1
Serviceability

Percentages of Reinforcement

Maximum

- General: 8.00 [%]

Various

☒ Neutral axis depth limitation according to 5.6.3(2)

Shear Reinforcement

Inclination of concrete strut according to 6.2.3(2) (NA parameter)

- Minimum: 21.800 [°]

- Maximum: 45.000 [°]

Factors

Partial safety factors according to 2.4.2.4 (NA parameter)

	Persistent and Transient	Accidental	Serviceability
$\gamma_c$ :	1.50	1.20	1.00
$\gamma_s$ :	1.15	1.00	1.00

Reduction factors with consideration of long term load factors for compression and tension strength according to 3.1.6 (NA parameter)

	Persistent and Transient	Accidental	Serviceability
$\alpha_{cc}$ :	0.90	0.90	1.00
$\alpha_{ct}$ :	1.00	1.00	1.00

Cross-Section

Rib UZU 430/0/540/0/200/300

UZU 430/0/540/0/200/300

Settings

☒ Design the provided reinforcement

☐ Use saved reinforcement results:

2.129 pav. Cokolio plokščių (sijos) patikimumo koeficientų nustatymai

**1.4 Reinforcement**

**Reinforcement Group**

No. 1 Description: Cokolinės plokštės

**Applied to**

Surfaces: 27

Reinforcement Ratios Reinforcement Layout Longitudinal Reinforcement LST EN 1992-1-1 Design Method

**Minimum Reinforcement**

☐ Minimum longitudinal reinforcement for plates acc. to 9.3.1

☒ Minimum longitudinal reinforcement for walls acc. to 9.6

☒ Minimum shear reinforcement acc. to 9.3.2

**Shear Reinforcement**

Variable inclination of concrete struts acc. to 6.2.3 (NA-parameter)

- Minimum: 21.801 [°]

- Maximum: 45.000 [°]

**Factors**

Partial factors for concrete and reinforcement acc. to 2.4.2.4 (NA parameter)

	Persistent and Transient	Accidental	Serviceability
$\gamma_c$	1.50	1.20	1.00
$\gamma_s$	1.15	1.00	1.00

Reduction factors for consideration of long-term effects acc. to 3.1.6 (NA parameter)

	Persistent and Transient	Accidental	Serviceability
$\alpha_{cc}$	0.90	0.90	1.00
$\alpha_{ct}$			1.00

**Various**

☒ Neutral axis depth limitation according to 5.6.3(2)

**2.130 pav.** Cokolio plokščių patikimumo koeficientų nustatymai



## 1.3 Surfaces

Surface No.	A Material No.	B Thickness Type	C d [cm]	D Creep Coefficient $\phi$ [-]	E Shrinkage $\epsilon_{cs}$ [-]	F uz,max [mm]	G $\sigma_{c,max}$ [MPa]	H $\sigma_{s,max}$ [MPa]	I fct,eff,wk [MPa]	J fct,eff,As,min [MPa]	K wk,-z (top) [mm]	L wk,+z (bottom) [mm]	M Effects due to Restr Apply	N kc [-]
1	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
2	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
3	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
4	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
5	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
6	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
7	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
8	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.

## Settings for the check of serviceability limit state - Surface No. 1-66,68-71

Creeping Shrinkage Deformation Analysis Stress Check Limit of Crack Widths

## Creeping Parameters

Calculation time:

☒ Infinite☐ t : 25500 [Days]

Concrete age at beginning of loading

to : 28 [Days]

Relative air humidity

RH : 50 [%]

Type of cement:

☐ Slow-hardening cement (S) : CEM 32,5 N☒ Normal-hardening cement (N) : CEM 32,5 R, CEM 42,5 N☐ Rapid-hardening cement (R) : CEM 42,5 R, CEM 52,5 N, CEM 52,5 R☐ User-defined creep coefficient $\phi$  : 2.07714 [-]☒ Set input for surface No.:

1-66,68-71

☒ All

## 2.131 pav. Cokolio plokščių valkšnumo nustatymai

## 1.3 Surfaces

Surface No.	A Material No.	B Thickness Type	C d [cm]	D Creep Coefficient $\phi$ [-]	E Shrinkage $\epsilon_{cs}$ [-]	F uz,max [mm]	G $\sigma_{c,max}$ [MPa]	H $\sigma_{s,max}$ [MPa]	I fct,eff,wk [MPa]	J fct,eff,As,min [MPa]	K wk,-z (top) [mm]	L wk,+z (bottom) [mm]	M Effects due to Restr Apply	N kc [-]
1	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
2	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
3	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
4	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
5	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
6	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
7	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
8	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.

## Settings for the check of serviceability limit state - Surface No. 1-66,68-71

Creeping Shrinkage Deformation Analysis Stress Check Limit of Crack Widths

## Shrinkage Parameters

Considered age of concrete:

☒ Infinite☐ t : 25500 [Days]

Type of cement:

☐ Slow-hardening cement (S) : CEM 32,5 N☒ Normal-hardening cement (N) : CEM 32,5 R, CEM 42,5 N☐ Rapid-hardening cement (R) : CEM 42,5 R, CEM 52,5 N, CEM 52,5 R☐ User-defined shrinkage $\epsilon_{cs}(t, t_s)$  : -0.00045 [-]

Age of concrete at beginning of shrinkage

t<sub>s</sub> : 28 [Days]

Relative air humidity

RH : 50 [%]

Consider:

☒ Drying shrinkage☒ Autogenous shrinkage☒ Set input for surface No.:

1-66,68-71

☒ All

## 2.132 pav. Cokolio plokščių traukumo nustatymai

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
143	267	0

## 1.3 Surfaces

Surface No.	A Material No.	B Thickness Type	C d [cm]	D Creep Coefficient $\phi$ [-]	E Shrinkage $\epsilon_{cs}$ [-]	F u <sub>z,max</sub> [mm]	G $\sigma_{c,max}$ [MPa]	H $\sigma_{s,max}$ [MPa]	I f <sub>ct,eff,wk</sub> [MPa]	J f <sub>ct,eff,As,min</sub> [MPa]	K w <sub>k,-z</sub> (top) [mm]	L w <sub>k,+z</sub> (bottom) [mm]	M Effects due to Restr Apply	N k <sub>c</sub> [-]
1	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
2	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
3	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
4	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
5	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
6	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
7	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
8	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.



## Settings for the check of serviceability limit state - Surface No. 1-66,68-71

Creeping Shrinkage Deformation Analysis Stress Check Limit of Crack Widths

## Check Criteria

Limit:

☐ Minimum boundary lineu<sub>z,max</sub> : L<sub>min</sub> / ☐ Maximum boundary lineu<sub>z,max</sub> : L<sub>max</sub> / ☒ User-defined relativeu<sub>z,max</sub> : L<sub>def</sub> /  250  L<sub>def</sub> :  5.600  [m] ☐ User-defined absoluteu<sub>z,max</sub> :  22.400  [mm] 

Related to:

☒ Undeformed system ☐ Displaced parallel surface at the point of minimum nodal deformation on the surface boundary line☐ Deformed user-defined reference plane ☒ Set input for surface No.:

1-66,68-71

☒ All

2.133 pav. Cokolio plokščių deformacijų nustatymai

## 1.3 Surfaces

Surface No.	A Material No.	B Thickness Type	C d [cm]	D Creep Coefficient $\phi$ [-]	E Shrinkage $\epsilon_{cs}$ [-]	F uz,max [mm]	G $\sigma_{c,max}$ [MPa]	H $\sigma_{s,max}$ [MPa]	I fct,eff,wk [MPa]	J fct,eff,As,min [MPa]	K wk,-z (top) [mm]	L wk,+z (bottom) [mm]	M Effects due to Restr. Apply	N kc [-]
1	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
2	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
3	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
4	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
5	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
6	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
7	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
8	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.



## Settings for the check of serviceability limit state - Surface No. 1-66,68-71

Creeping Shrinkage Deformation Analysis Stress Check Limit of Crack Widths

## Limitation of Concrete Compressive Stress

Limitation type:

☒ According to the design situation with  $k_1 \cdot f_{ck}$  and  $k_2 \cdot f_{ck}$  acc. to EN 1992-1-1, NDP(7.2)

☐  $\alpha \cdot f_{ck}$   $\alpha$  : 0.45
 $\sigma_{c,max,k1}$  -21.000 MPa $\sigma_{c,max,k2}$  = -15.750 MPa

## Limitation of Steel Stress

Limitation type:

☒ According to the design situation with  $k_3 \cdot f_{yk}$  and  $k_4 \cdot f_{yk}$  acc. to EN 1992-1-1, NDP(7.2)

☐  $\alpha \cdot f_{yk}$   $\alpha$  : 0.80
 $\sigma_{s,max,k3}$  400.000 MPa $\sigma_{s,max,k4}$  = 500.000 MPa☒ Set input for surface No.:

1-66,68-71

☒ All

2.134 pav. Cokolio plokščių įtempių nustatymai

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
145	267	0

## 1.3 Surfaces

Surface No.	A Material No.	B Thickness Type	C d [cm]	D Creep Coefficient $\phi$ [-]	E Shrinkage $\epsilon_{cs}$ [-]	F uz,max [mm]	G $\sigma_{c,max}$ [MPa]	H $\sigma_{s,max}$ [MPa]	I f <sub>ct,eff,wk</sub> [MPa]	J f <sub>ct,eff,As,min</sub> [MPa]	K wk,-z (top) [mm]	L wk,+z (bottom) [mm]	M Effects due to Restr Apply	N kc [-]
1	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
2	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
3	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
4	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
5	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
6	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
7	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.
8	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input checked="" type="checkbox"/>	var.

## Settings for the check of serviceability limit state - Surface No. 1-66,68-71

Creeping Shrinkage Deformation Analysis Stress Check Limit of Crack Widths

## Design of Crack Width Control

Limit value of allowable crack width  $w_{k,max}$ ☒ Limit values acc. to 7.3.1(5)☐ User-defined

wk,-z (top) : 0.300 [mm]

wk,+z (bottom) : 0.300 [mm]

☐ Design without direct crack width calculation acc. to 7.3.3☒ Calculation of limit diameter  $lim_{ds}$ ☒ Calculation of maximum member spacing  $lim_{sl}$ ☒ Design with direct crack width calculation acc. to 7.3.4☒ Use upper bound for  $s_{r,max}$  acc. Eq. (7.14)Effective concrete tensile strength at time of cracking  $f_{ct,eff,wk} = 1.000 * f_{ctm}$ ☒ Set input for surface No.:

1-66,68-71

All

## Minimum Reinforcement for Effects Due to Restraint

☒  $A_{s,min}$  for effects due to restraint

Stress distribution within the section prior to cracking

Depending on the defined load

Direction of reinforcement due to restraint

☐ Crack formation in the first 28 days $f_{ct,eff,As,min} = \text{ } * f_{ctm}$ 

2.135 pav. Cokolio plokščių plyšio pločio nustatymai

#### 2.12.4 Gelžbetoninių cokolio plokščių skaičiavimų rezultatai

#### 4.1 Serviceability Check by Cross-Section

A	B	C	D	E	F	G	H	I
Member No.	Location x [m]	Loading	Type	Existing Value	Design Limit Value	Unit	Capacity	Note
Cross-Section No.89 - Rectangle 300/230								
2450	2.760	RC4	uz,local	-2.4	22.1	mm	0.11	
2438	3.513	RC2	σs	232.22	400.00	MPa	0.59	
2436	0.000	RC4	lim ds	16.0	-	mm	0.00	215)
2436	0.000	RC4	lim s1	0.214	-	m	0.01	
2436	0.000	RC4	wk	0.000	0.300	mm	0.00	215)

## Detailed Results - Member No. 2450 - Location x: 2.760 m

<div> <div></div> <div>State of Strain</div> </div>			
<div> <div></div> <div>Deflection Determination</div> </div>			
<div> <div></div> <div>Calculation Parameters</div> </div>			
Distribution Coefficient	$\zeta$	0.00	
Deflection	$u _z$	-2.4	mm
<div> <div></div> <div>Design</div> </div>			
Maximum Allowable Deflection acc. to User Input	$u _z, \text{limit}$	22.1	mm
Deflection	$u _z$	-2.4	mm
Design Criterion	Criterion	0.11	

**2.136 pav.** Cokolio plokščių (sijos) tinkamumo ribinių būvių skaičiavimų rezultatai

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	147	267	0



## 3.1 Serviceability Design Total

Surface No.	A Point No.	B Point-Coordinates [m] X	C Y	D Z	E Loading	F Symbol	G Exist. Value	H Limit Value	I Unit	J Ratio	K Note
27	M9911	0.000	27.000	0.000	CO57	uz, local	-4.813	22.400	mm	0.3	
27	M570	0.000	24.240	1.800	CO57	$\sigma_c$	-4.322	-15.750	MPa	0.3	
27	M569	0.000	29.760	1.800	CO31	$\sigma_s$	0.000	400.000	MPa	0.0	226)
27	M570	0.000	24.240	1.800	CO57	lim ds	1.20	1.20	cm	1.0	
27	M569	0.000	29.760	1.800	CO57	lim si	0.113	0.198	m	0.0	
27	M570	0.000	24.240	1.800	CO57	wk	0.175	0.300	mm	0.6	

☒ In FE mesh nodes

☐ In grid points

Max:

1.0

≤ 1



## Intermediate Results - Surface No. 27 - FE Mesh Point No. 570

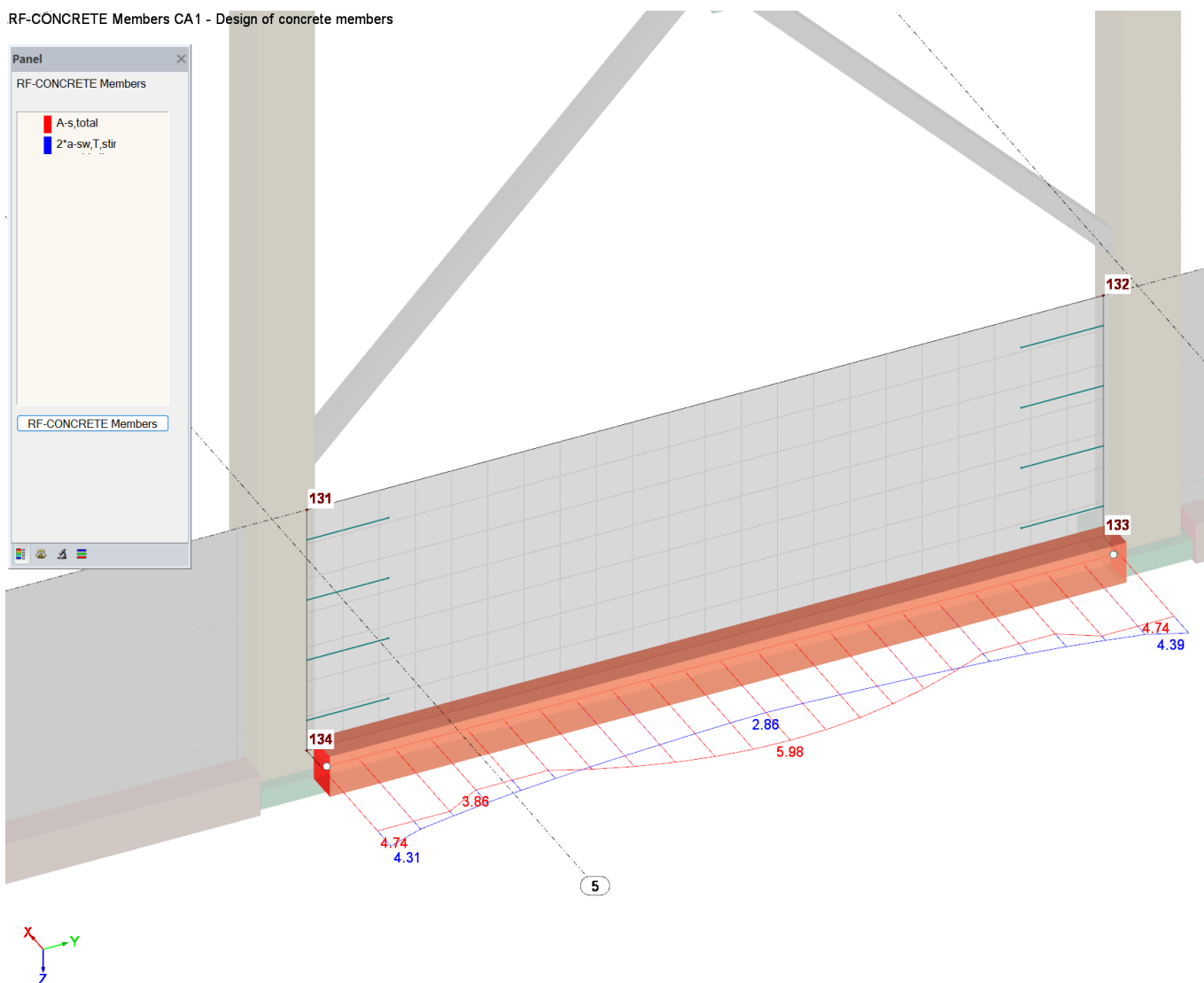
☐ Determination of calculated value of crack width

<input type="checkbox"/> Bottom Surface (+z)	Ratio	0.000	
Concrete does not crack on this side.			
<input type="checkbox"/> Top Surface (-z)	Ratio	0.584	
Calculated Value of Crack Width into Reinforceme	wk, -z, $\phi$ 1	0.175	mm
Calculated Value of Crack Width into Reinforceme	wk, -z, $\phi$ 2	0.139	mm
Crack width into the resulting difference in the me	wk, -z, res	0.168	mm

☐ Check

Crack Width at the Top (-z) Surface in Direction 1	wk, -z, $\phi$ 1	0.175	mm
Maximum allowable crack width at the top (-z) surfa	wk, -z, limit	0.300	mm
Criterion of Check	Criterion	0.6	

2.137 pav. Cokolio plokščių tinkamumo ribinių būvių skaičiavimų rezultatai



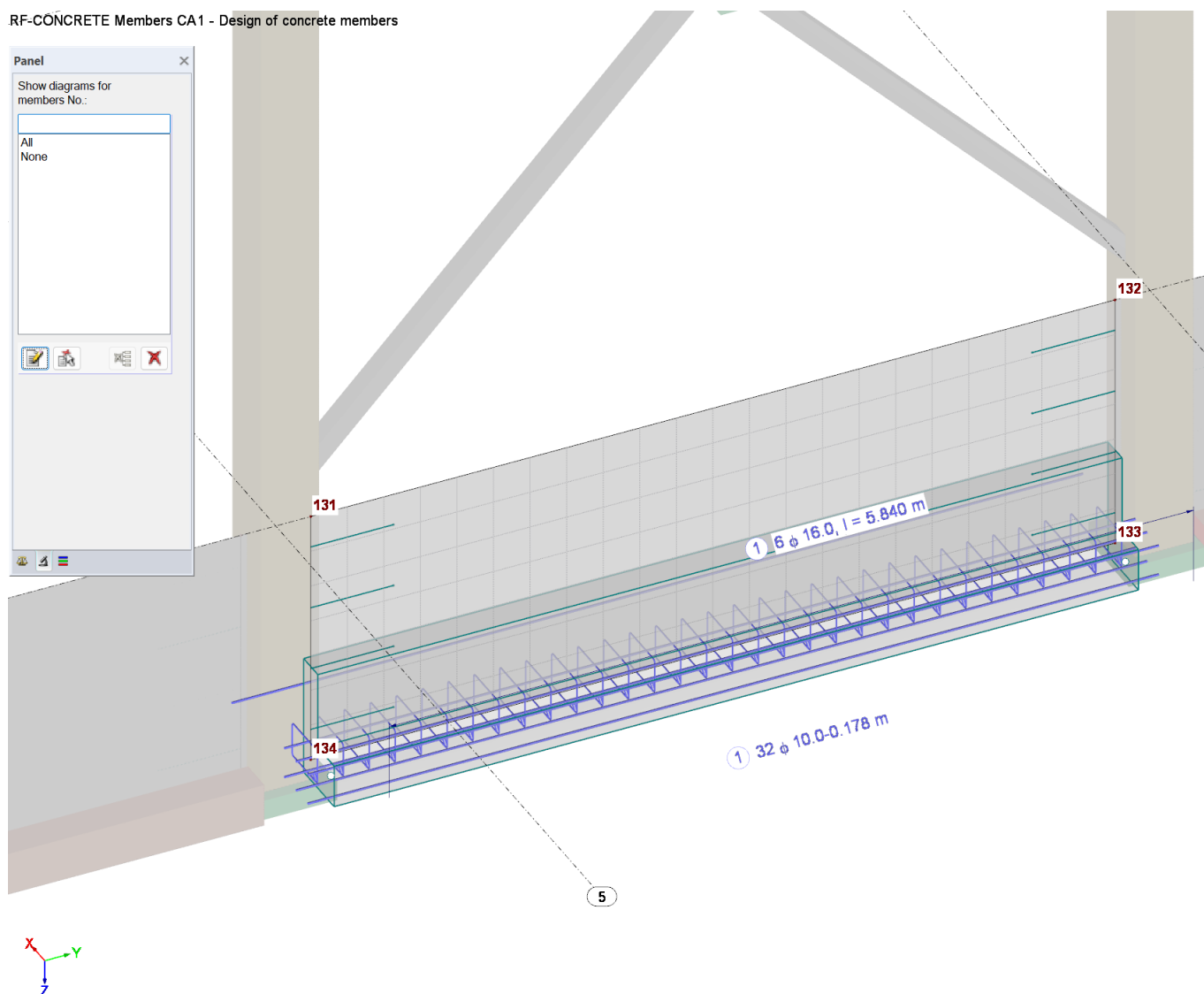
Max 2\*a-sw,T,stir: 4.39 cm<sup>2</sup>/m  
 Max A-s,total: 5.98 cm<sup>2</sup>

**2.138 pav.** Surenkamų gelžbetoninių cokolio plokščių (sijų) išilginės ir skersinės armatūros poreikis (As ir asw) (nuo įrašų gaubtinių)

Max A-s, stirrup, prov.: 8.82 cm<sup>2</sup>/m  
Max A-s, total, prov.: 12.06 cm<sup>2</sup>

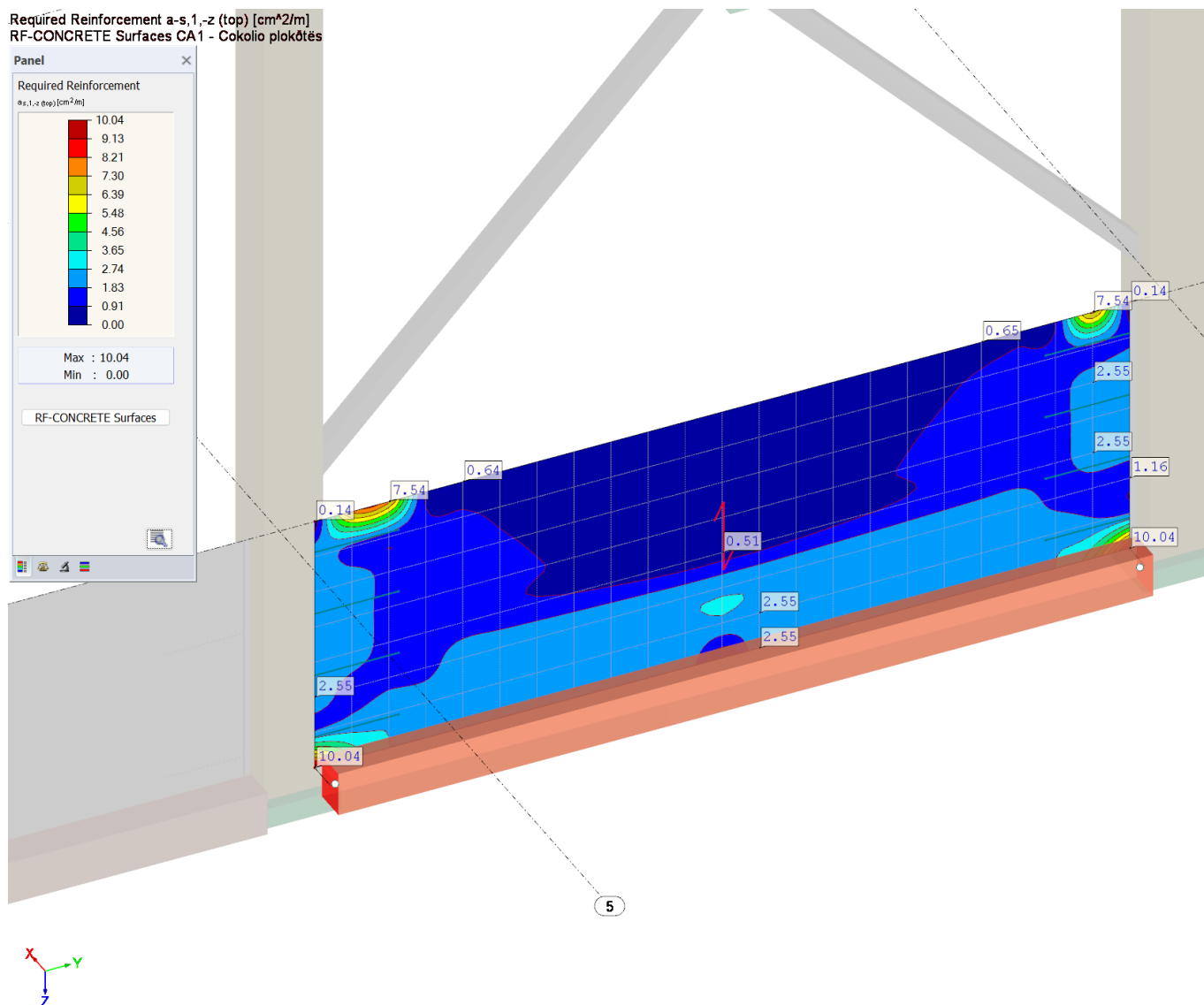
**2.139 pav.** Surenkamų gelžbetoninių cokolio plokščių (sijų) išilginės ir skersinės parinktos armatūros kiekis (prov. As ir prov. asw) (nuo įrašų gaubtinių)

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	150	267	0



**2.140 pav.** Surenkamų gelžbetoninių cokolio plokščių (sijų) išilginės ir skersinės parinktos armatūros kiekis (prov. As ir prov. asw) (nuo įrąžų gaubtinių)

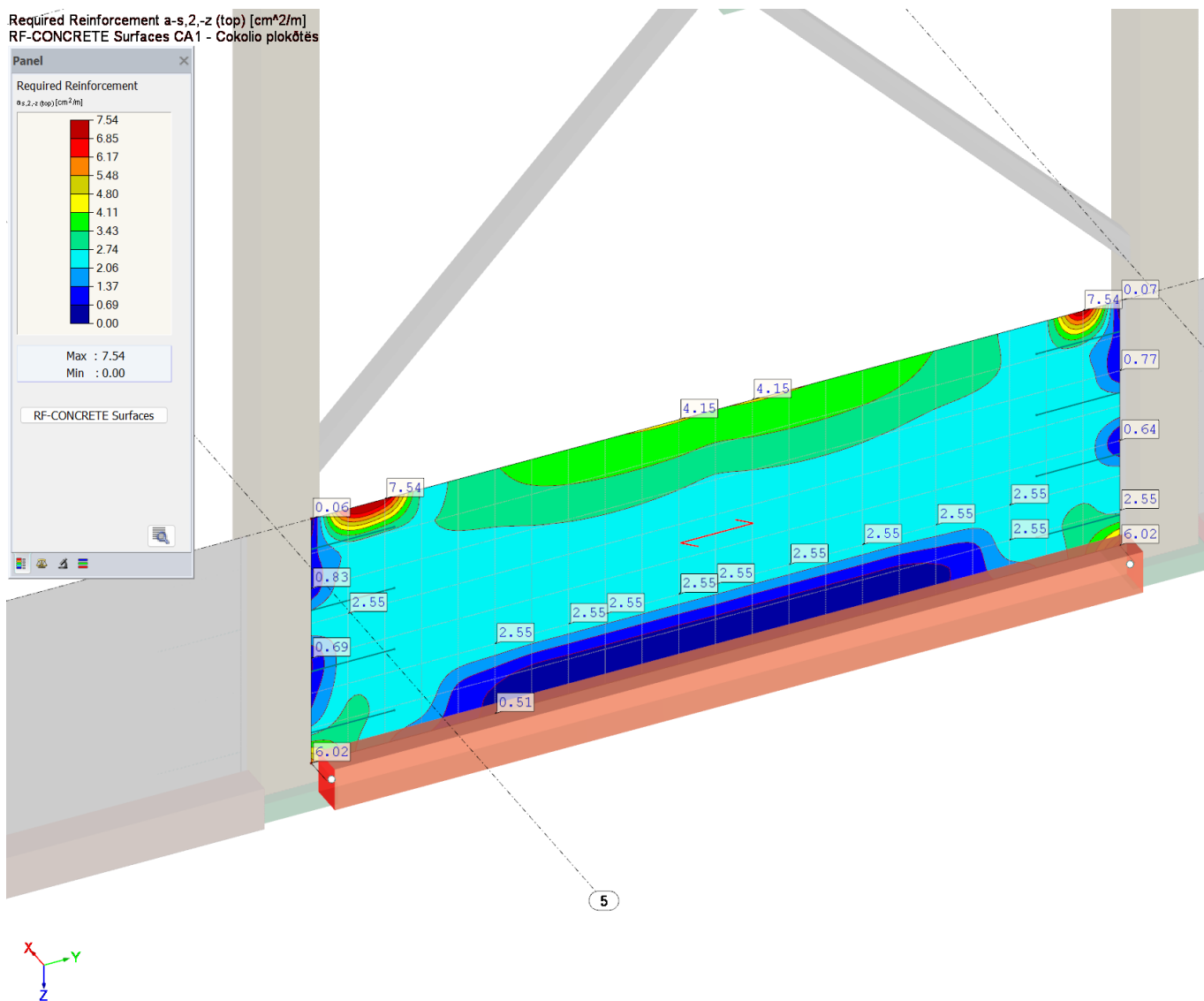
SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	151	267	0



Max a-s,1,-z (top): 10.04, Min a-s,1,-z (top): 0.00 cm<sup>2</sup>/m

**2.141 pav.** Surenkamų gelžbetoninių cokolio plokščių Asy+ (viršutinė armatūra y kryptimi) (nuo įrašų gaubtinių)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	152	267	0



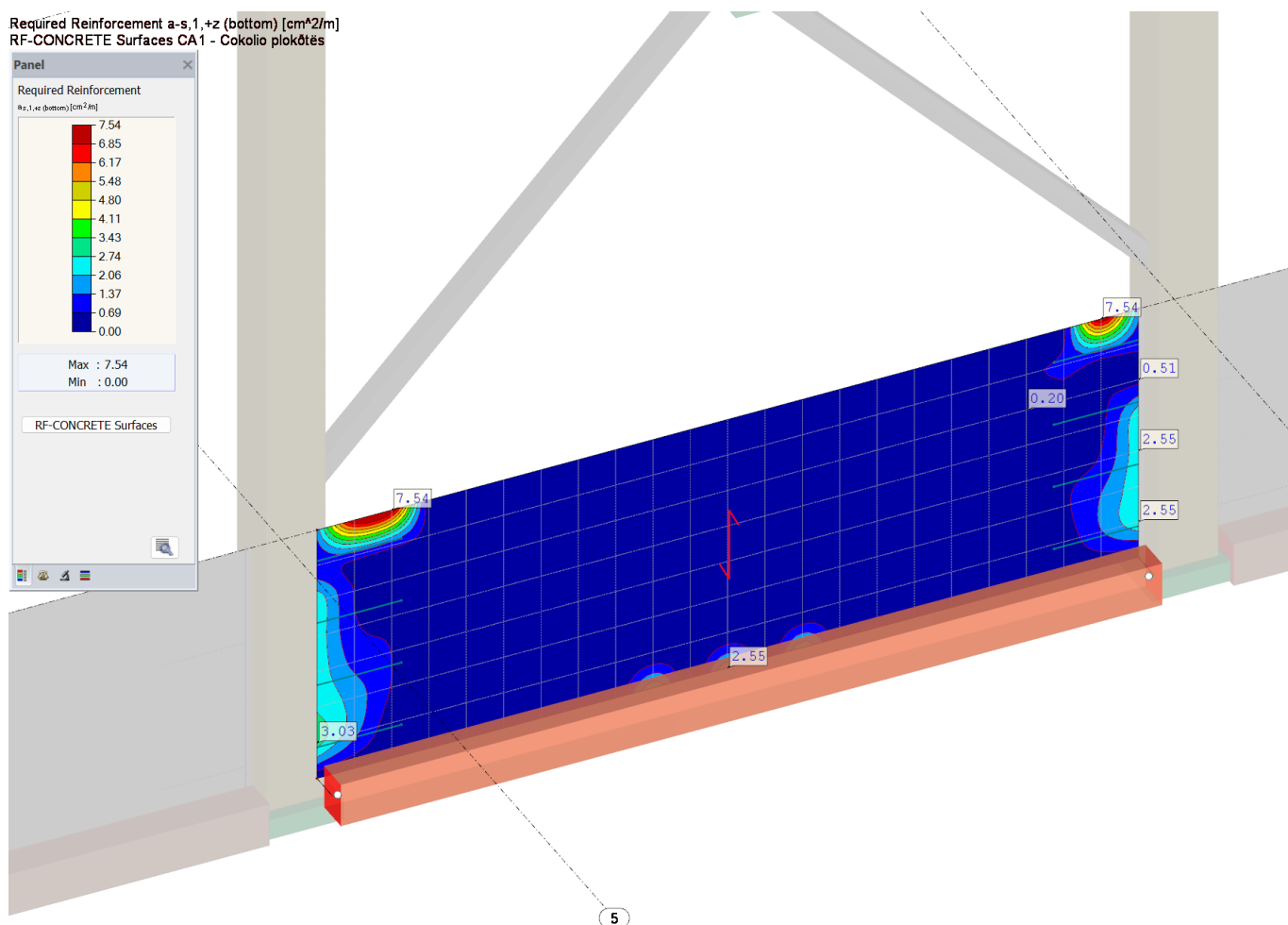
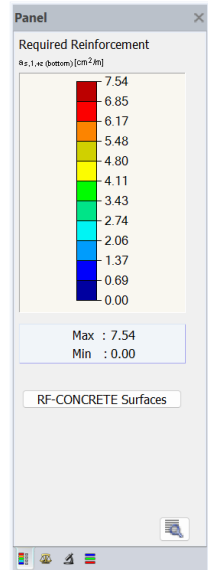
Max a-s,2,-z (top): 7.54, Min a-s,2,-z (top): 0.00 cm<sup>2</sup>/m

**2.142 pav.** Surenkamų gelžbetoninių cokolio plokščių Asx+ (viršutinė armatūra x kryptimi) (nuo įrašų gaubtinių)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	153	267	0



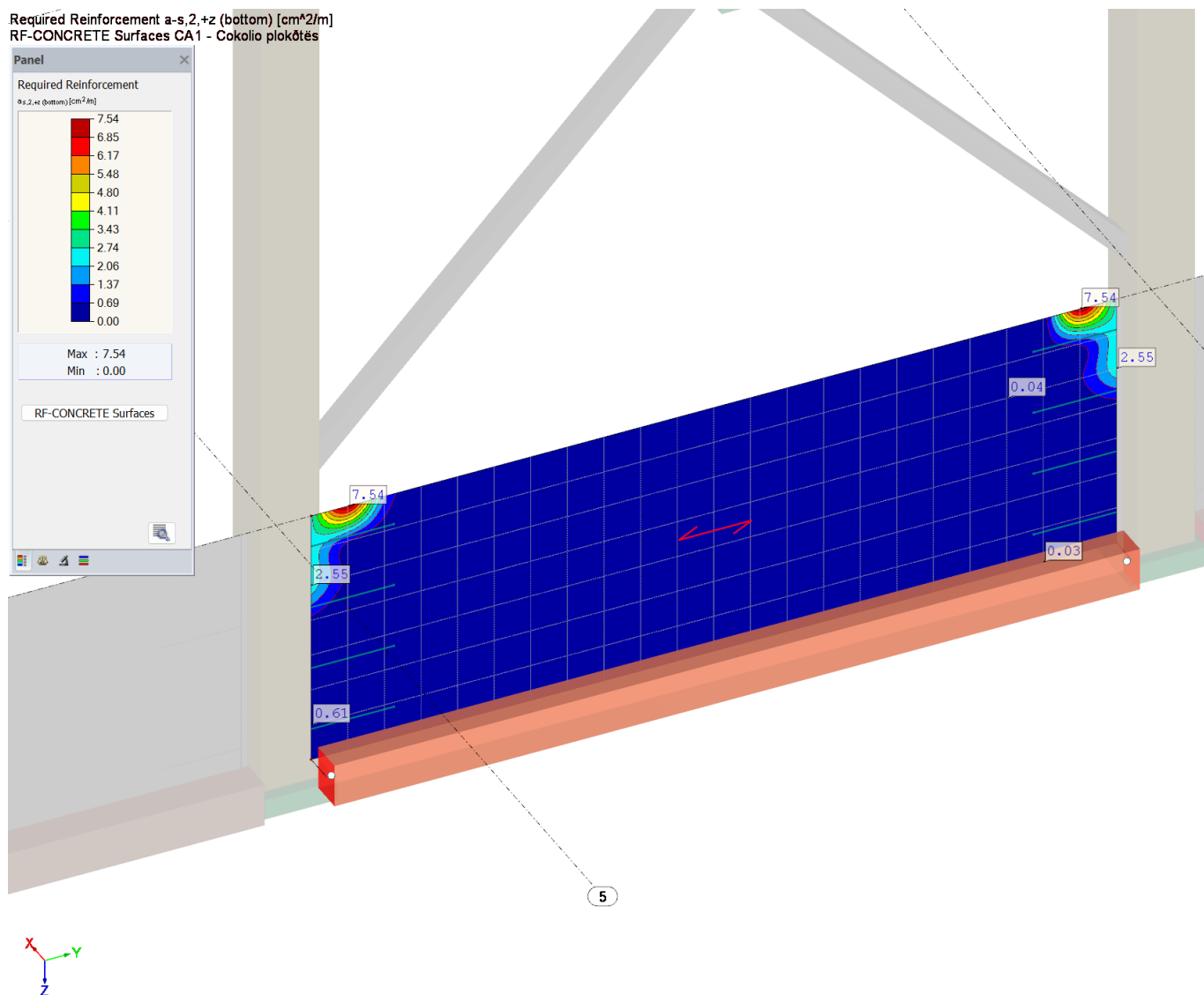
Required Reinforcement a-s,1,+z (bottom) [cm<sup>2</sup>/m]  
RF-CONCRETE Surfaces CA1 - Cokolio plokštės



Max a-s,1,+z (bottom): 7.54, Min a-s,1,+z (bottom): 0.00 cm<sup>2</sup>/m

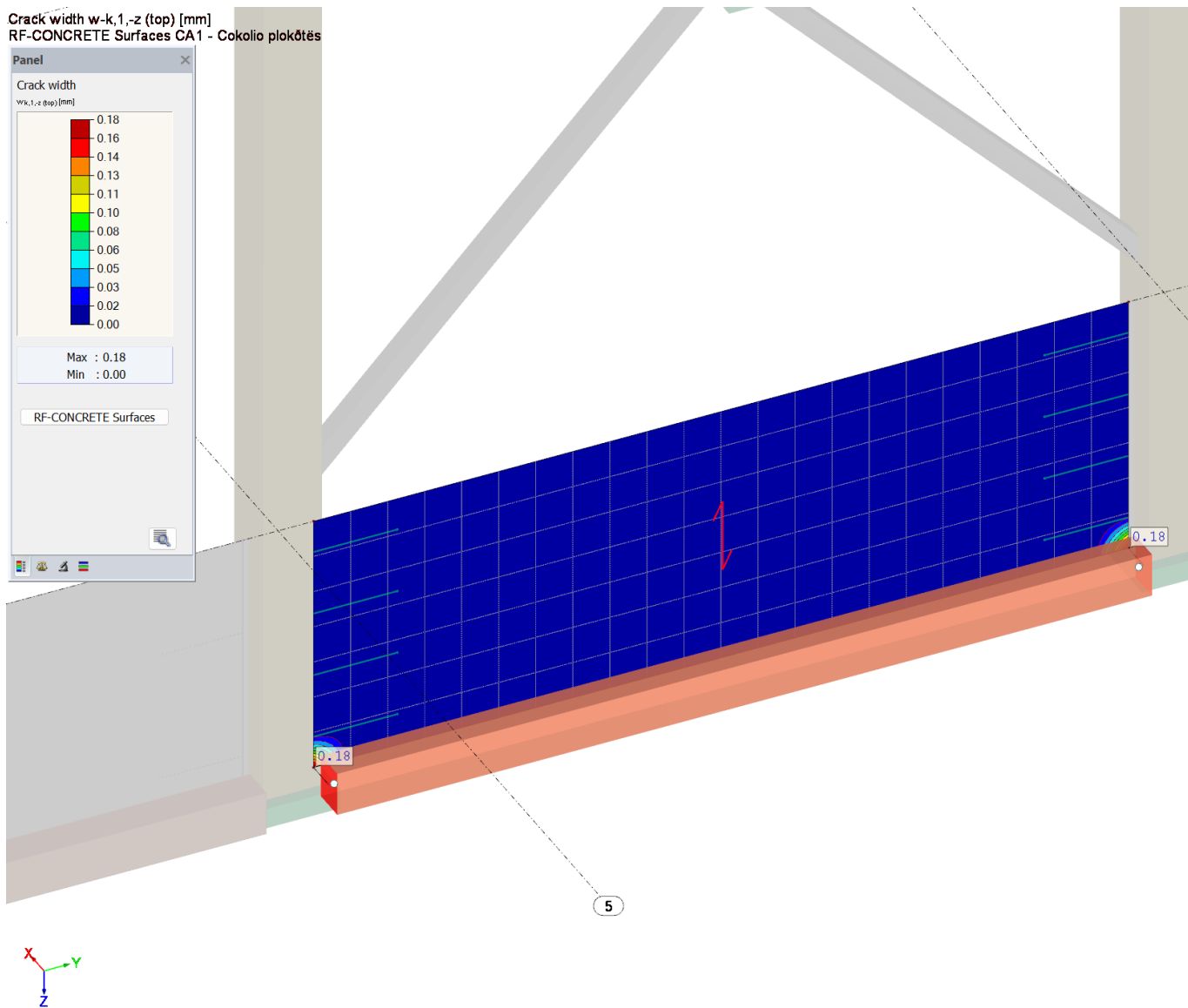
**2.143 pav.** Surenkamų gelžbetoninių cokolio plokščių Asy- (apatinė armatūra y kryptimi) (nuo įrašų gaubtinių)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	154	267	0



Max a-s,2,+z (bottom): 7.54, Min a-s,2,+z (bottom): 0.00 cm<sup>2</sup>/m

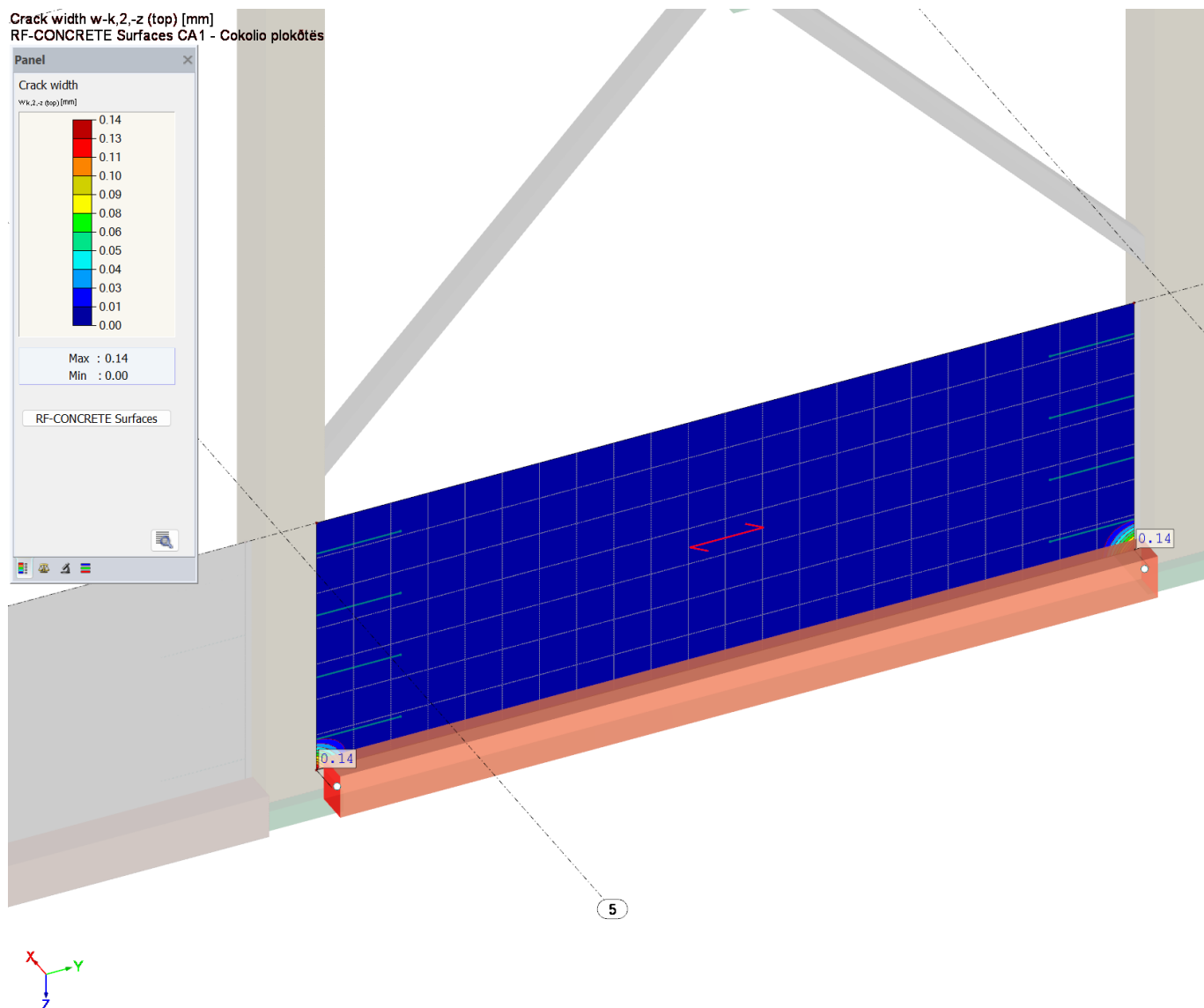
**2.144 pav.** Surenkamų gelžbetoninių cokolio plokščių Asx- (apatinė armatūra x kryptimi) (nuo įrašų gaubtinių)



Max w-k,1,-z (top): 0.18, Min w-k,1,-z (top): 0.00 mm

**2.145 pav.** Surenkamų gelžbetoninių cokolio plokščių wk1+(top) (plyšio plotis y kryptimi) (nuo įrašų gaubtinių)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	156	267	0

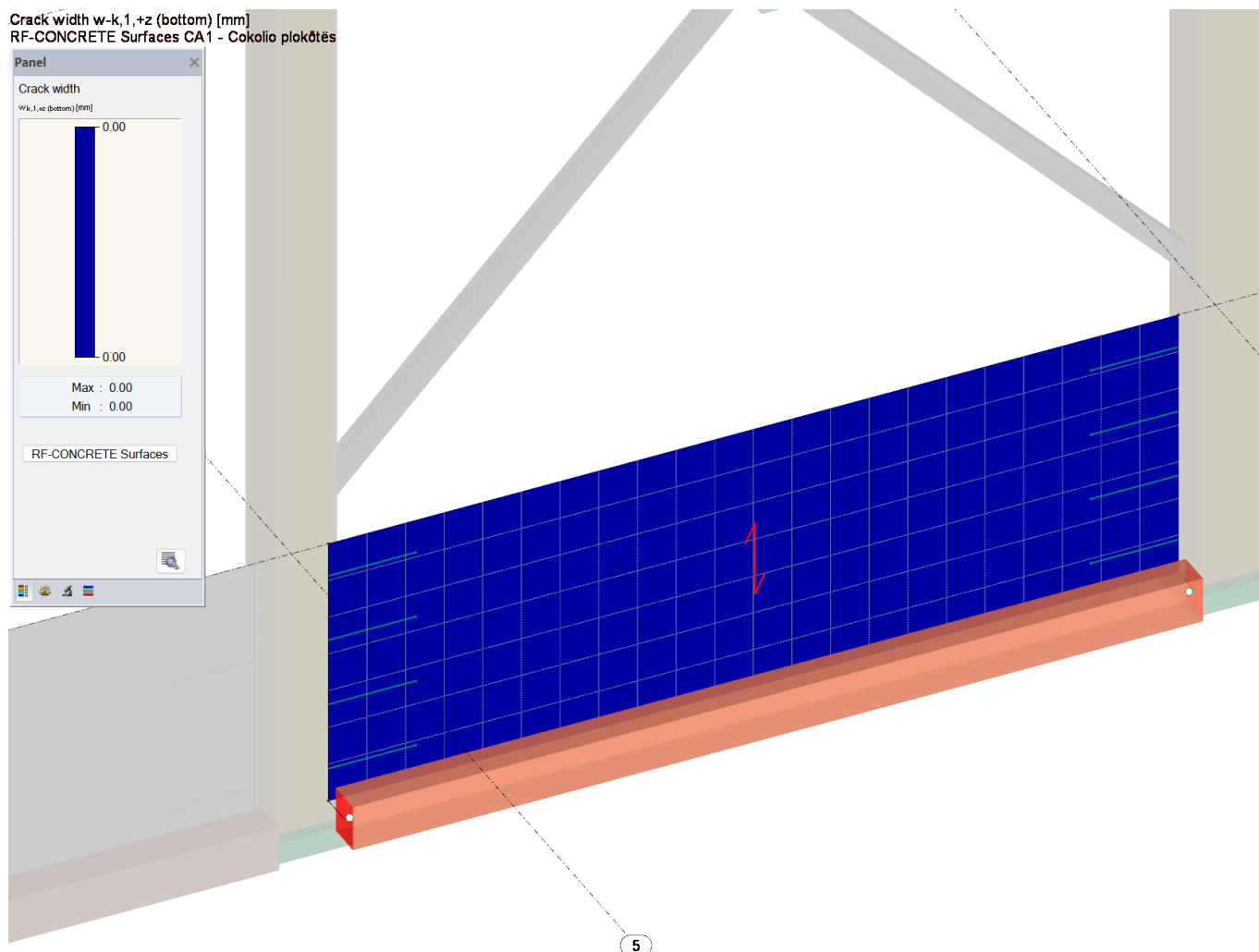
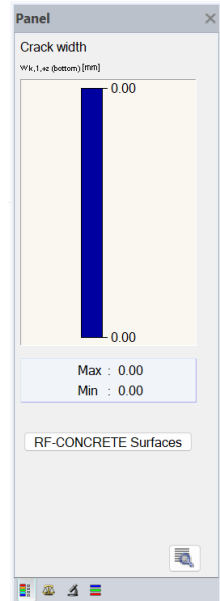


Max w-k,2,-z (top): 0.14, Min w-k,2,-z (top): 0.00 mm

**2.146 pav.** Surenkamų gelžbetoninių cokolio plokščių wk2+(top) (plyšio plotis x kryptimi) (nuo įrašų gaubtinių)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	157	267	0

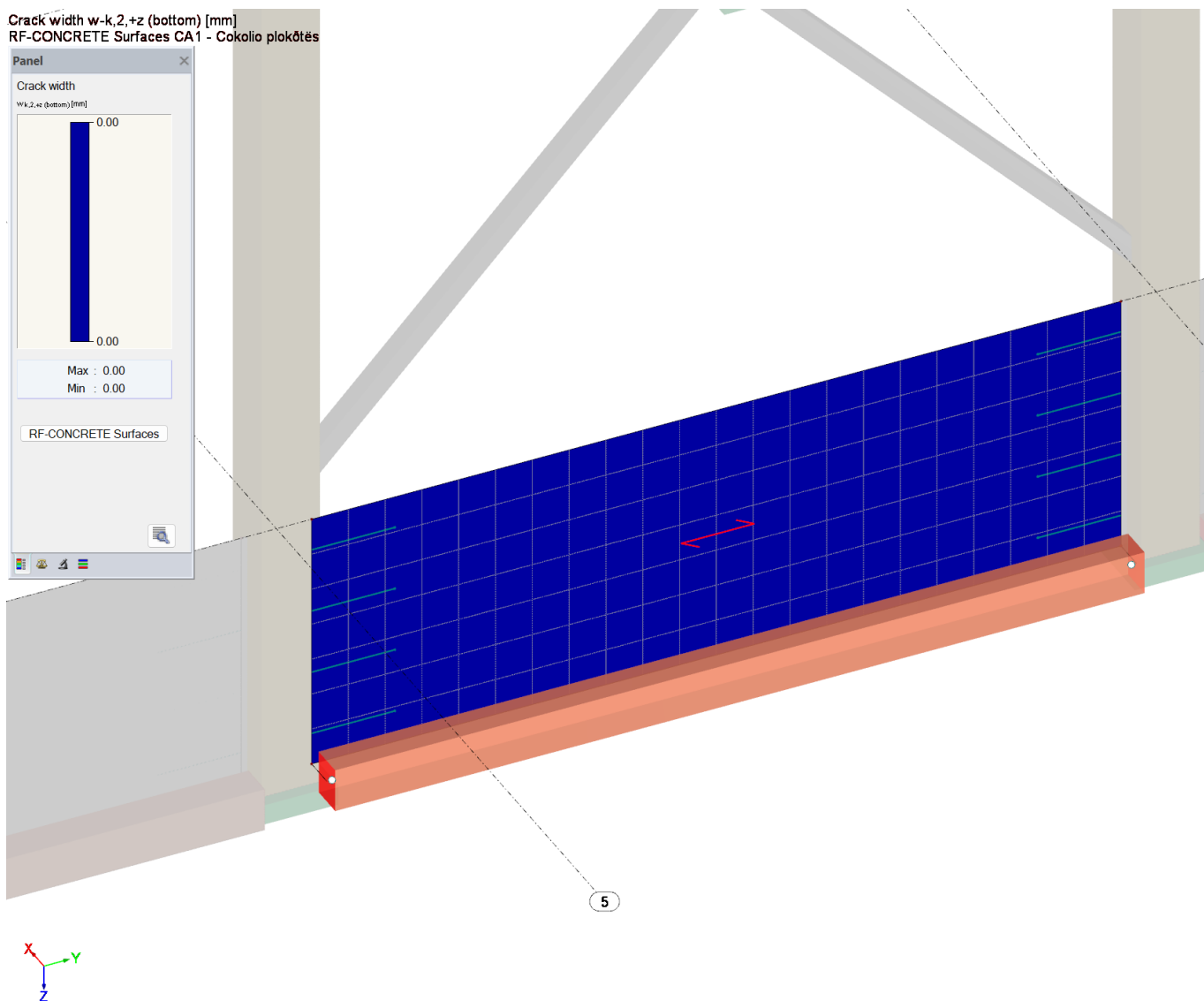
Crack width w-k,1,+z (bottom) [mm]  
RF-CONCRETE Surfaces CA 1 - Cokolio plokštės



Max w-k,1,+z (bottom): 0.00, Min w-k,1,+z (bottom): 0.00 mm

**2.147 pav.** Surenkamų gelžbetoninių cokolio plokščių wk1-(bottom) (plyšio plotis y kryptimi) (nuo įrąžų gaubtinių)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	158	267	0



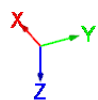
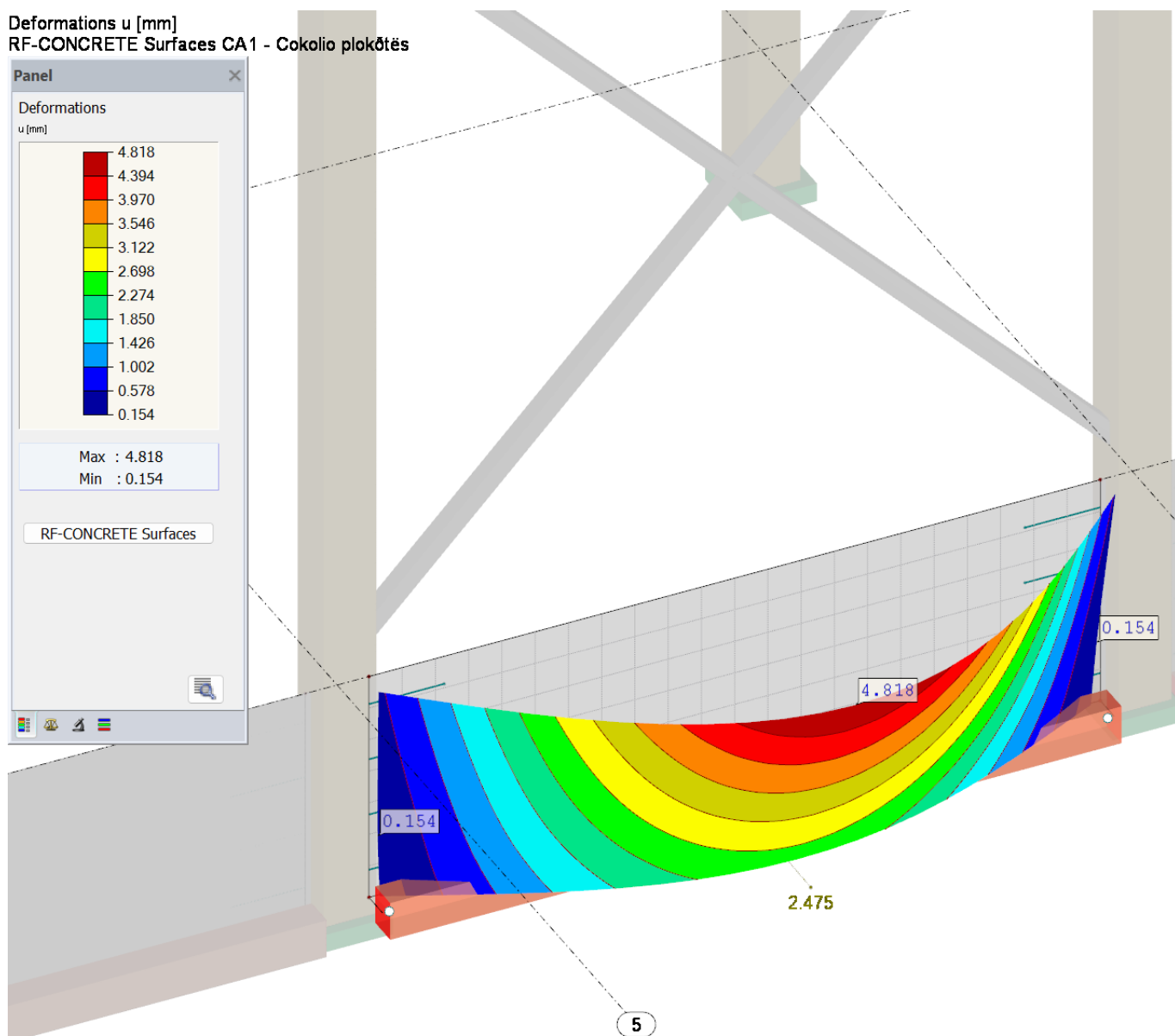
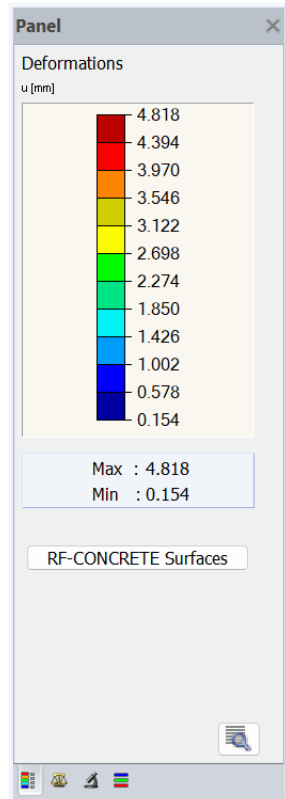
Max w-k,2,+z (bottom): 0.00, Min w-k,2,+z (bottom): 0.00 mm

**2.148 pav.** Surenkamų gelžbetoninių cokolio plokščių wk2-(bottom) (plyšio plotis x kryptimi) (nuo įrąžų gaubtinių)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	159	267	0



Deformations u [mm]  
RF-CONCRETE Surfaces CA1 - Cokolio plokštės



Max u: 4.818, Min u: 0.154 mm

**2.149 pav.** Deformacijos u (nuo tariamai nuolatinių tinkamumo ribinių derinių – SLS Qp)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	160	267	0

## 2.12.5 Gelžbetoninių rostverkų projektavimas

Rostverkų medžiagų parametrai, skaičiavimo nustatymai ir rezultatai pagal tinkamumo ir saugos ribinius būvius pateikti grafiškai.

1.1 General Data

Design Acc. to Standard / NA

EN 1992-1-1:2004/A1:2014

LST:2011

Ultimate Limit State Serviceability Limit State Details Fire Resistance

Existing Load Cases / Combinations

Code	Description
LC1	Nuosavas
LC2	Sluoksniai
LC3	Naudojimo
LC4	Sniegas (visas)
LC5	Vėjas x+
LC6	Vėjas y-
CO1	1.35G1 + 1.35G2
CO2	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub>
CO3	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.78Q <sub>w1</sub>
CO4	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.78Q <sub>w2</sub>
CO5	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.91Q <sub>s</sub> + 0.78Q <sub>w1</sub>
CO6	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.91Q <sub>s</sub> + 0.78Q <sub>w2</sub>
CO7	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.91Q <sub>s</sub>
CO8	1.35G1 + 1.35G2 + 1.3Q <sub>w1</sub>
CO9	1.35G1 + 1.35G2 + 1.3Q <sub>w2</sub>
CO10	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 1.3Q <sub>w1</sub>
CO11	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 1.3Q <sub>w2</sub>
CO12	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.91Q <sub>s</sub> + 1.3Q <sub>w1</sub>
CO13	1.35G1 + 1.35G2 + 1.3Q <sub>iE</sub> + 0.91Q <sub>s</sub> + 1.3Q <sub>w2</sub>

All (68)

Selected for Design

Code	Description	ULS (STR/GEO) - Perma	Persistent and Transient
STR RC1			

2.150 pav. Stiprumo ribinio būvio deriniai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	161	267	0

## 1.1 General Data

Design Acc. to Standard / NA

EN 1992-1-1:2004/A1:2014
▼

LST:2011
▼

Ultimate Limit State   Serviceability Limit State   Details   Fire Resistance

Existing Load Cases / Combinations

	LC1	Nuosavas
	LC2	Sluoksniai
	LC3	Naudojimo
	LC4	Sniegas (visas)
	LC5	Vėjas x+
	LC6	Vėjas y-
	CO1	1.35G1 + 1.35G2
	CO2	1.35G1 + 1.35G2 + 1.3QiE
	CO3	1.35G1 + 1.35G2 + 1.3QiE + 0.78Qw1
	CO4	1.35G1 + 1.35G2 + 1.3QiE + 0.78Qw2
	CO5	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 0.78Qw1
	CO6	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 0.78Qw2
	CO7	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs
	CO8	1.35G1 + 1.35G2 + 1.3Qw1
	CO9	1.35G1 + 1.35G2 + 1.3Qw2
	CO10	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qw1
	CO11	1.35G1 + 1.35G2 + 1.3QiE + 1.3Qw2
	CO12	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 1.3Qw1
	CO13	1.35G1 + 1.35G2 + 1.3QiE + 0.91Qs + 1.3Qw2

All (67)
▼

Selected for Design

	RC2	SLS - Characteristic	Characteristic with direct
	RC4	SLS - Quasi-permanent	Quasi-permanent

Options

☐ Nonlinear calculation...

☒ Activate creep and shrinkage

Settings

LC-Factor:

1.0
▼

**2.151 pav.** Tinkamumo ribinio būvio deriniai

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	162	267	0

## 1.2 Materials

Material No.	A	B	C
	Concrete Strength Class	Reinforcing Steel	Comment
1	Concrete C30/37	B 500 S (B)	
7	Concrete C30/37	B 500 S (B)	
14	Muras (Brick, Group 3, Standard	B 500 S (A)	
23	Concrete C35/45	B 500 S (B)	
24	Concrete C35/45	B 500 S (B)	

### Material Properties

#### Concrete Strength Class: Concrete C30/37

Characteristic Cylinder Compressive Strength	$f_{ck}$	30.000	MPa
5 % Fractile of Axial Tensile Strength	$f_{ctk,0.05}$	2.000	MPa
Characteristic for Nonlinear Calculations			
Mean Secant Modulus of Elasticity	$E_{cm}$	33000.000	MPa
Mean Cylinder Compressive Strength	$f_{cm}$	38.000	MPa
Mean Axial Tensile Strength	$f_{ctm}$	2.900	MPa
Ultimate Strain for Pure Compression	$\epsilon_{c1}$	-2.200	‰
Ultimate Strain at Failure	$\epsilon_{c1u}$	-3.500	‰
Shear Modulus	$G$	13750.000	MPa
Poisson's Ratio	$\nu$	0.200	

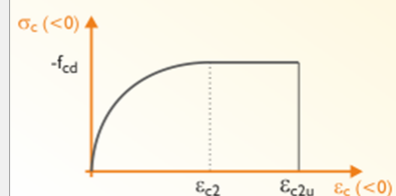
#### Characteristic Strains for Parabolic-Rectangular Diagram

Ultimate Strain for Pure Compression	$\epsilon_{c2}$	-2.000	‰
Ultimate Strain at Failure	$\epsilon_{cu2}$	-3.500	‰
Parabola Exponent	$n$	2.000	
Specific Weight	$\gamma$	25.00	kN/m <sup>3</sup>

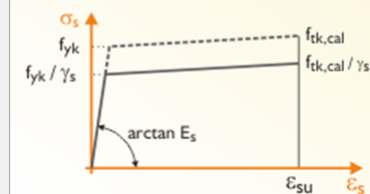
#### Reinforcing Steel: B 500 S (B)

Modulus of Elasticity	$E_s$	200000.000	MPa
Yield Stress Mean Value	$f_{ym}$	550.000	MPa
Characteristic Yield Stress	$f_{yk}$	500.000	MPa
Tensile Strength Mean Value	$f_{tm}$	583.200	MPa
Characteristic Tensile Strength	$f_{tk}$	540.000	MPa
Limiting Strain	$\epsilon_{uk}$	50.000	‰

### Concrete stress-strain curve for section design



### Reinforcement stress-strain curve for section design



2.152 pav. Rostverkų medžiagų parametrai

**1.4 Reinforcement**

Reinforcement Group		Applied to	
No.	Description:	Surfaces:	
1	Rostverkai	68-71	<input type="checkbox"/> All

Reinforcement Ratios | Reinforcement Layout | Longitudinal Reinforcement | LST EN 1992-1-1 Design Method

**Number of Reinforcement Directions**

Top (-z) : 2

Bottom (+z) : 2

**Refer Concrete Cover to**

☐ Centroid of reinforcement

☒ Edge

**Concrete Cover for Reinforcement**

☐ According to Standard...

	Basic Reinforcement		Additional Reinforcement	
	c	d2	c	d2
Top (-z) :	3.50	5.30 [cm]	3.50	
Bottom (+z) :	3.50	5.30 [cm]	3.50	

**Reinforcement Directions Related to Local x-Axis of FE-Element for Results**

	$\phi 1$	$\phi 2$
Top (-z) :	90.000	180.000 [°]
Bottom (+z) :	90.000	180.000 [°]

**2.153 pav.** Rostverkų apsauginio sluoksnio nustatymai

**1.4 Reinforcement**

Reinforcement Group		Applied to	
No.	Description:	Surfaces:	
1	Rostverkai	68-71	<input type="checkbox"/> All

Reinforcement Ratios Reinforcement Layout Longitudinal Reinforcement LST EN 1992-1-1 Design Method

**Provided Basic Reinforcement**

☐ Use required reinforcement for design of serviceability

	Reinforcement Area		Diameter	
	as1	as2	ds1	ds2
Top (-z) :	7.54	7.54 [cm <sup>2</sup> /m]	12.00	12.00 [mm]
Bottom (+z) :	7.54	7.54 [cm <sup>2</sup> /m]	12.00	12.00 [mm]

**Additional Reinforcement for Serviceability State Design**

Approach of: Additional reinforcement layout

	Reinforcement Area		Diameter	
	as1	as2	ds1	ds2
Top (-z) :			12.00	12.00 [mm]
Bottom (+z) :			12.00	12.00 [mm]

**Longitudinal Reinforcement for Check of Shear Resistance**

☐ Apply required longitudinal reinforcement  
☒ Apply the greater value resulting from either the required or provided reinforcement (basic and add. reinforcement) per reinforcement direction  
☐ Automatically increase required longitudinal reinforcement to avoid shear reinforcement

**2.154 pav. Rostverkų armavimo nustatymai**

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	165	267	0



**1.4 Reinforcement**

Reinforcement Group		Applied to	
No.	Description:	Surfaces:	
1	Rostverkai	68-71	<input type="checkbox"/> All

Reinforcement Ratios Reinforcement Layout Longitudinal Reinforcement LST EN 1992-1-1 Design Method

**Minimum Reinforcement**

☐ Minimum longitudinal reinforcement for plates acc. to 9.3.1

☒ Minimum longitudinal reinforcement for walls acc. to 9.6

☒ Minimum shear reinforcement acc. to 9.3.2

**Shear Reinforcement**

Variable inclination of concrete struts acc. to 6.2.3 (NA-parameter)

- Minimum: 21.801 [°]

- Maximum: 45.000 [°]

**Factors**

Partial factors for concrete and reinforcement acc. to 2.4.2.4 (NA parameter)

	Persistent and Transient	Accidental	Serviceability
$\gamma_c$	1.50	1.20	1.00
$\gamma_s$	1.15	1.00	1.00

Reduction factors for consideration of long-term effects acc. to 3.1.6 (NA parameter)

	Persistent and Transient	Accidental	Serviceability
$\alpha_{cc}$	0.90	0.90	1.00
$\alpha_{ct}$			1.00

**Various**

☒ Neutral axis depth limitation according to 5.6.3(2)

**2.155 pav.** Cokolio plokščių patikimumo koeficientų nustatymai

## 1.3 Surfaces

Surface No.	Material No.	Thickness Type	d [cm]	Creep Coefficient $\phi$ [-]	Shrinkage $\epsilon_{cs}$ [-]	uz,max [mm]	$\sigma_{c,max}$ [MPa]	$\sigma_{s,max}$ [MPa]	fct,eff,wk [MPa]	fct,eff,As,min [MPa]	wk,-z (top) [mm]	wk,+z (bottom) [mm]	Effects due to Restr	Apply	kc [-]
63	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>		var.
64	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>		var.
65	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>		var.
66	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>		var.
68	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>		var.
69	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>		var.
70	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>		var.
71	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>		var.

## Settings for the check of serviceability limit state - Surface No. 68-71

Creeping Shrinkage Deformation Analysis Stress Check Limit of Crack Widths

## Creeping Parameters

Calculation time:

☒ Infinite☐ t : 25500 [Days]

Concrete age at beginning of loading

to : 28 [Days]

Relative air humidity

RH : 50 [%]

Type of cement:

☐ Slow-hardening cement (S) : CEM 32,5 N☒ Normal-hardening cement (N) : CEM 32,5 R, CEM 42,5 N☐ Rapid-hardening cement (R) : CEM 42,5 R, CEM 52,5 N, CEM 52,5 R☐ User-defined creep coefficient $\phi$  : 2.27431 [-]☒ Set input for surface No.:

68-71

☐ All

2.156 pav. Cokolio plokščių valkšnumo nustatymai

## 1.3 Surfaces

Surface No.	Material No.	Thickness Type	Creep Coefficient $\phi$ [-]	Shrinkage $\epsilon_{cs}$ [-]	$u_{z,max}$ [mm]	$\sigma_{c,max}$ [MPa]	$\sigma_{s,max}$ [MPa]	$f_{ct,eff,wk}$ [MPa]	$f_{ct,eff,As,min}$ [MPa]	$w_{k,-z}$ (top) [mm]	$w_{k,+z}$ (bottom) [mm]	Effects due to Restr	Apply	$k_c$ [-]
63	23	Constant	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>		var.
64	24	Constant	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>		var.
65	23	Constant	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>		var.
66	23	Constant	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>		var.
68	7	Constant	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>		var.
69	7	Constant	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>		var.
70	7	Constant	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>		var.
71	7	Constant	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>		var.

## Settings for the check of serviceability limit state - Surface No. 1-66,68-71

Creeping Shrinkage Deformation Analysis Stress Check Limit of Crack Widths

## Shrinkage Parameters

Considered age of concrete:

☒ Infinite☐  $t$  : 25500 [Days]

Type of cement:

☐ Slow-hardening cement (S) : CEM 32,5 N☒ Normal-hardening cement (N) : CEM 32,5 R, CEM 42,5 N☐ Rapid-hardening cement (R) : CEM 42,5 R, CEM 52,5 N, CEM 52,5 R

Age of concrete at beginning of shrinkage

 $t_s$  : 28 [Days]

Relative air humidity

RH : 50 [%]

Consider:

☒ Drying shrinkage☒ Autogenous shrinkage☐ User-defined shrinkage $\epsilon_{cs}(t, t_s)$  : -0.00043 [-]☒ Set input for surface No.:

1-66,68-71

☒ All

## 2.157 pav. Cokolio plokščių traukumo nustatymai

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
168	267	0

## 1.3 Surfaces


Surface No.	A Material No.	B Thickness Type	C d [cm]	D Creep Coefficient $\phi$ [-]	E Shrinkage $\epsilon_{cs}$ [-]	F $u_{z,max}$ [mm]	G $\sigma_{c,max}$ [MPa]	H $\sigma_{s,max}$ [MPa]	I fct,eff,wk [MPa]	J fct,eff,As,min [MPa]	K wk,-z (top) [mm]	L wk,+z (bottom) [mm]	M Effects due to Restr Apply	N kc [-]
63	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>	var.
64	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>	var.
65	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>	var.
66	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>	var.
68	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>	var.
69	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>	var.
70	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>	var.
71	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>	var.

## Settings for the check of serviceability limit state - Surface No. 1-66,68-71



Creeping Shrinkage Deformation Analysis Stress Check Limit of Crack Widths

## Check Criteria

Limit:

☐ Minimum boundary line $u_{z,max}$  :  $L_{min}$  / ☐ Maximum boundary line $u_{z,max}$  :  $L_{max}$  / ☒ User-defined relative $u_{z,max}$  :  $L_{def}$  /  250   $L_{def}$  :  5.600  [m] ☐ User-defined absolute $u_{z,max}$  :  22.400  [mm] 

Related to:

☒ Undeformed system ☐ Displaced parallel surface at the point of minimum nodal deformation on the surface boundary line☐ Deformed user-defined reference plane ☒ Set input for surface No.:1-66,68-71 ☒ All 

2.158 pav. Cokolio plokščių deformacijų nustatymai

## 1.3 Surfaces

Surface No.	Material No.	Thickness Type	d [cm]	Creep Coefficient $\phi$ [-]	Shrinkage $\epsilon_{cs}$ [-]	uz,max [mm]	$\sigma_{c,max}$ [MPa]	$\sigma_{s,max}$ [MPa]	fct,eff,wk [MPa]	fct,eff,As,min [MPa]	wk,-z (top) [mm]	wk,+z (bottom) [mm]	Effects due to Restr Apply	kc [-]
63	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>	var.
64	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>	var.
65	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>	var.
66	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>	var.
68	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>	var.
69	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>	var.
70	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>	var.
71	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>	var.



## Settings for the check of serviceability limit state - Surface No. 1-66,68-71

Creeping Shrinkage Deformation Analysis Stress Check Limit of Crack Widths

## Limitation of Concrete Compressive Stress

Limitation type:

☒ According to the design situation with  $k_1 \cdot f_{ck}$  and  $k_2 \cdot f_{ck}$  acc. to EN 1992-1-1, NDP(7.2)

☐  $\alpha \cdot f_{ck}$   $\alpha$  : 0.45

 $\sigma_{c,max,k1}$  -18.000 MPa  $\sigma_{c,max,k2}$  = -13.500 MPa

## Limitation of Steel Stress

Limitation type:

☒ According to the design situation with  $k_3 \cdot f_{yk}$  and  $k_4 \cdot f_{yk}$  acc. to EN 1992-1-1, NDP(7.2)

☐  $\alpha \cdot f_{yk}$   $\alpha$  : 0.80

 $\sigma_{s,max,k3}$  400.000 MPa  $\sigma_{s,max,k4}$  = 500.000 MPa

☒ Set input for surface No.:

1-66,68-71


☒ All


2.159 pav. Cokolio plokščių įtempių nustatymai

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
170	267	0

## 1.3 Surfaces

Surface No.	A Material No.	B Thickness Type	C d [cm]	D Creep Coefficient $\phi$ [-]	E Shrinkage $\epsilon_{cs}$ [-]	F uz,max [mm]	G $\sigma_{c,max}$ [MPa]	H $\sigma_{s,max}$ [MPa]	I f <sub>ct,eff,wk</sub> [MPa]	J f <sub>ct,eff,As,min</sub> [MPa]	K wk,-z (top) [mm]	L wk,+z (bottom) [mm]	M Effects due to Restr Apply	N kc [-]
63	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>	var.
64	24	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>	var.
65	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>	var.
66	23	Constant	20.00	2.07714	-0.00045	22.400	var.	var.	3.200	3.200	0.300	0.300	<input type="checkbox"/>	var.
68	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>	var.
69	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>	var.
70	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>	var.
71	7	Constant	25.00	2.27431	-0.00043	22.400	var.	var.	2.900	2.900	0.300	0.300	<input type="checkbox"/>	var.



## Settings for the check of serviceability limit state - Surface No. 1-66,68-71

Creeping Shrinkage Deformation Analysis Stress Check Limit of Crack Widths

## Design of Crack Width Control

Limit value of allowable crack width  $w_{k,max}$ ☒ Limit values acc. to 7.3.1(5)☐ User-defined

wk,-z (top) : 0.300 [mm]

wk,+z (bottom) : 0.300 [mm]

☒ Design without direct crack width calculation acc. to 7.3.3☒ Calculation of limit diameter  $lim\ d_s$ ☒ Calculation of maximum member spacing  $lim\ s_l$ ☒ Design with direct crack width calculation acc. to 7.3.4☒ Use upper bound for  $s_{r,max}$  acc. Eq. (7.14)Effective concrete tensile strength at time of cracking  $f_{ct,eff,wk} = 1.000 * f_{ctm}$ ☒ Set input for surface No.:

1-66,68-71

All

## Minimum Reinforcement for Effects Due to Restraint

☐  $A_{s,min}$  for effects due to restraint

Stress distribution within the section prior to cracking

Depending on the defined load

Direction of reinforcement due to restraint

☐ Crack formation in the first 28 days $f_{ct,eff,As,min} = \text{ } * f_{ctm}$ 

2.160 pav. Cokolio plokščių plyšio pločio nustatymai



## 2.12.6 Gelžbetoninių rostverų skaičiavimų rezultatai

### 3.1 Serviceability Design Total

Surface No.	A Point No.	B Point-Coordinates [m] X	C Y	D Z	E Loading	F Symbol	G Exist. Value	H Design Limit Value	I Unit	J Ratio	K Note
71	M4722	15.000	-0.800	0.000	CO57	uz,local	-0.541	22.400	mm	0.1	
68	M637	17.250	-0.800	0.000	CO31	$\sigma_c$	-8.724	-18.000	MPa	0.5	
69	M762	12.750	-0.800	0.000	CO31	$\sigma_s$	396.474	400.000	MPa	1.0	
68	M637	17.250	-0.800	0.000	CO31	lim ds	1.20	-	cm	0.0	226)
68	M637	17.250	-0.800	0.000	CO31	lim sl	0.150	-	m	0.0	226)
68	M637	17.250	-0.800	0.000	CO57	wk	0.000	0.300	mm	0.0	226)

☒ In FE mesh nodes

☐ In grid points

Max: 1.0 ≤ 1



#### Intermediate Results - Surface No. 71 - FE Mesh Point No. 4722

##### Deformations

###### Global deformations

Total deformation	u	0.541	mm
In X-direction	uX	0.000	mm
In Y-direction	uY	0.541	mm
In Z-direction	uZ	0.013	mm

###### Local deformations

Deformation referred to undeformed system

In z-direction	uz,local	-0.541	mm
----------------	----------	--------	----

##### Basic Internal Forces - Nonlinear

###### Moments

In X-direction	mx	-4.82	kNm/m
In Y-direction	my	-0.04	kNm/m
Twisting moment	mxy	0.00	kNm/m

###### Shear Forces

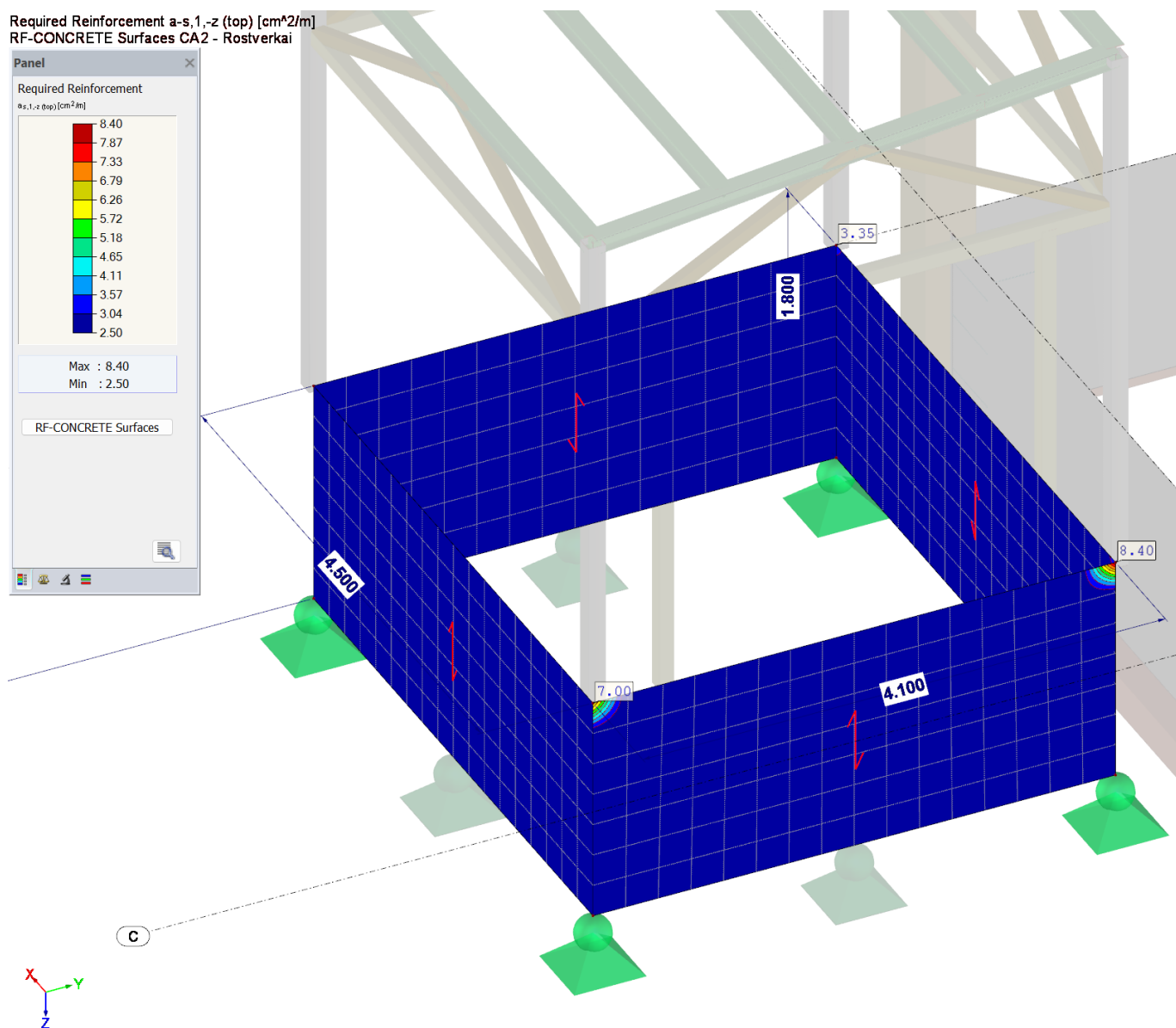
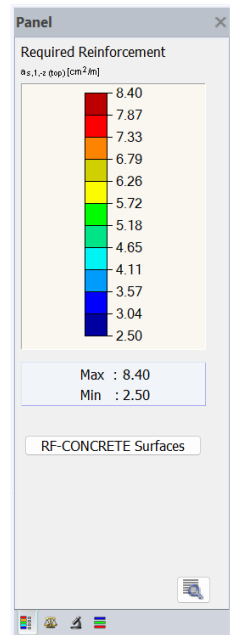
In X-direction	vx	-0.006	kN/m
In Y-direction	vy	-1.778	kN/m

###### Membrane forces

In X-direction	nx	16.627	kN/m
In Y-direction	ny	-0.006	kN/m
Longitudinal shear forces	nxy	0.000	kN/m

2.161 pav. Rostverų skaičiavimų rezultatai ir sąlygos

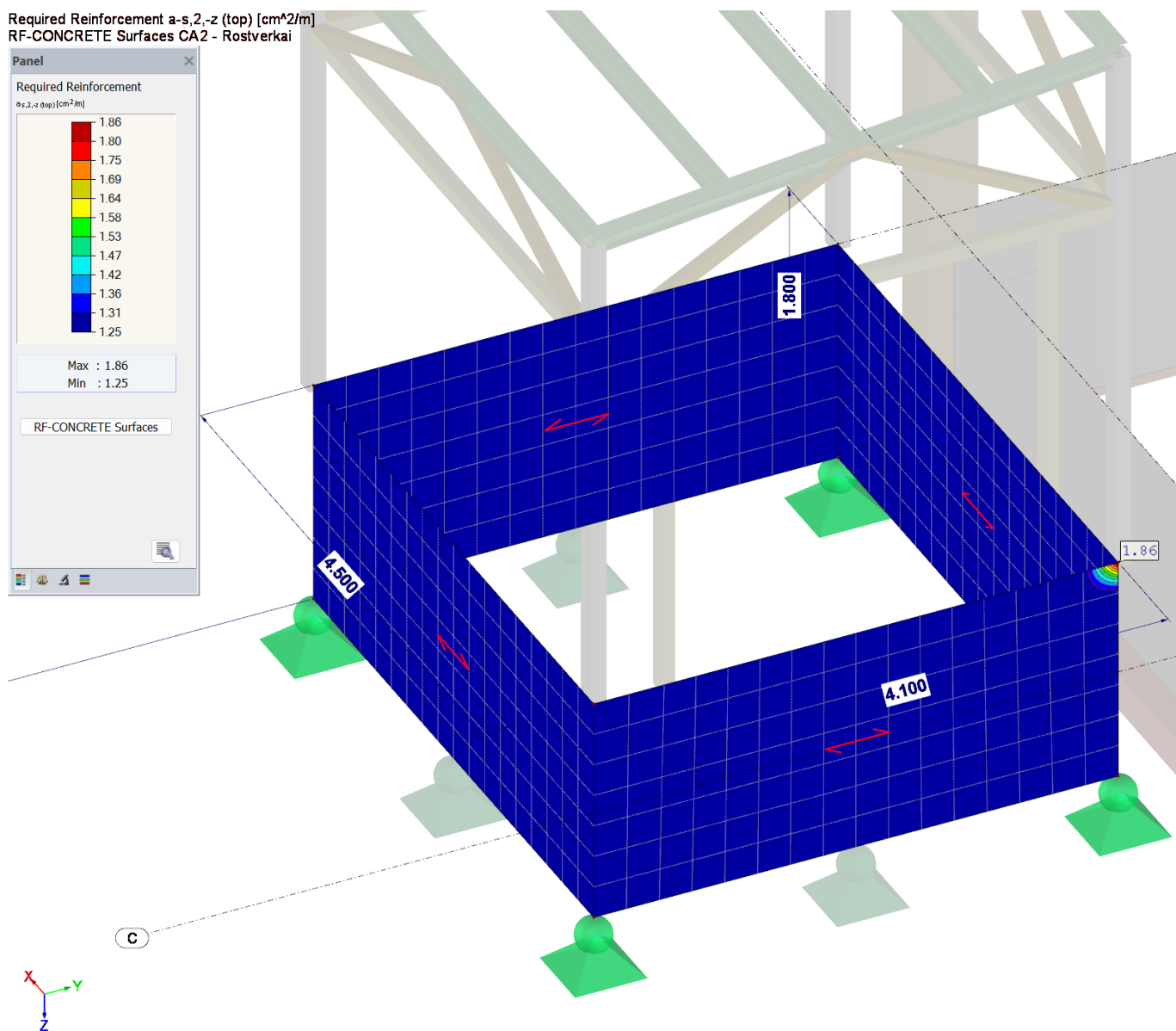
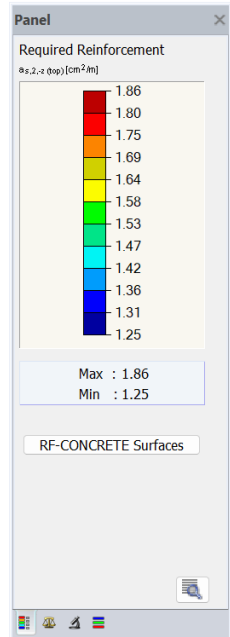
Required Reinforcement a-s,1,-z (top) [cm<sup>2</sup>/m]  
RF-CONCRETE Surfaces CA2 - Rostverkai



Max a-s,1,-z (top): 8.40, Min a-s,1,-z (top): 2.50 cm<sup>2</sup>/m

**2.162 pav.** Surenkamų gelžbetoninių cokolio plokščių Asy+ (viršutinė armatūra y kryptimi) (nuo įrašų gaubtinių)

Required Reinforcement a-s,2,-z (top) [cm<sup>2</sup>/m]  
RF-CONCRETE Surfaces CA2 - Rostverkai

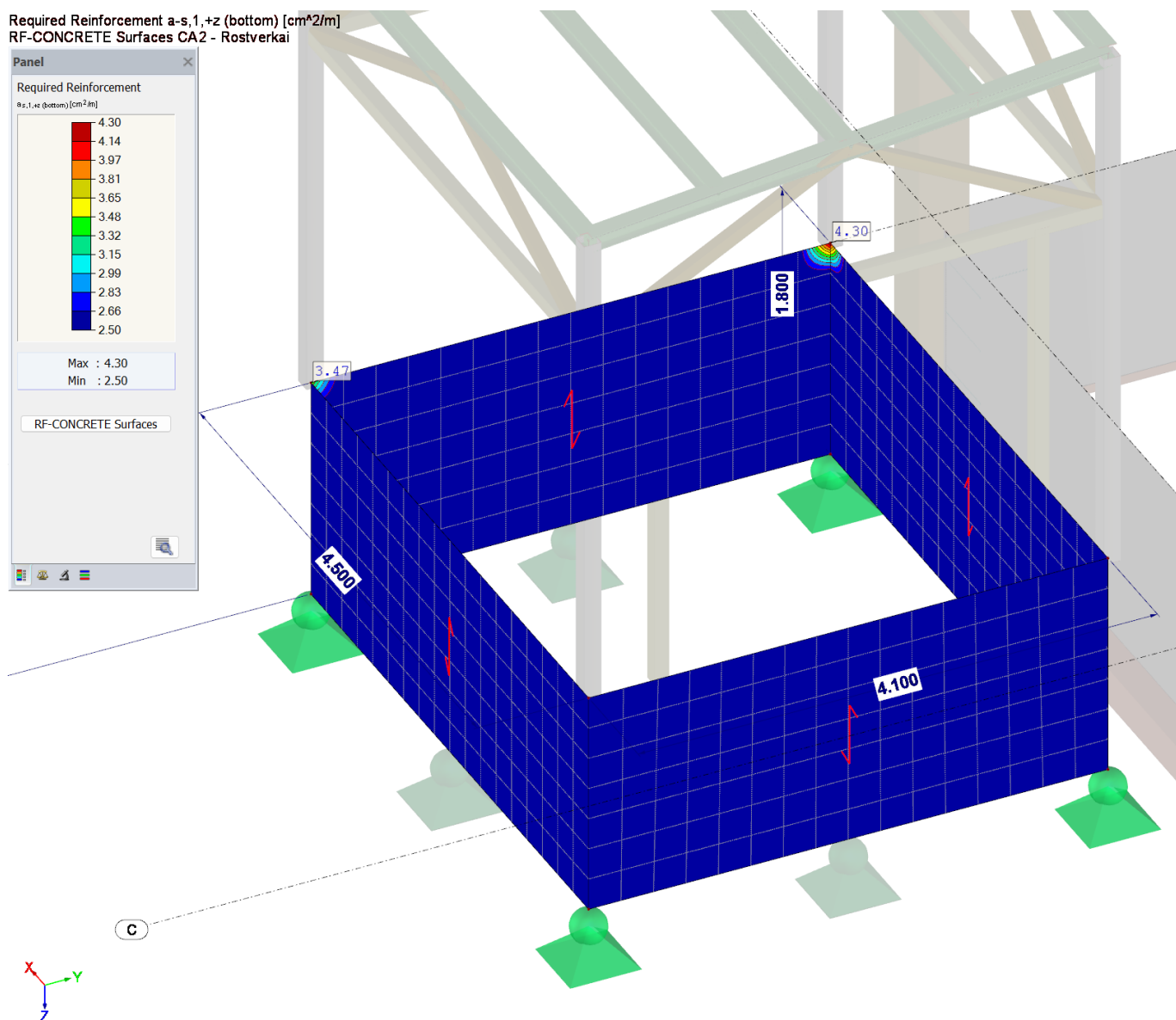
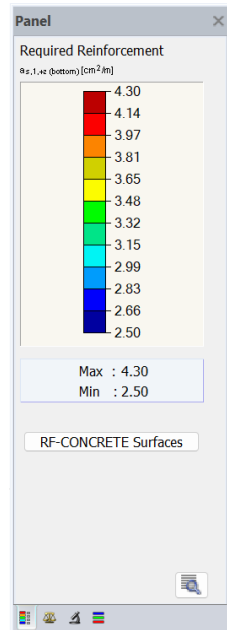


Max a-s,2,-z (top): 1.86, Min a-s,2,-z (top): 1.25 cm<sup>2</sup>/m

**2.163 pav.** Surenkamų gelžbetoninių cokolio plokščių Asx+ (viršutinė armatūra x kryptimi) (nuo įrašų gaubtinių)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	174	267	0

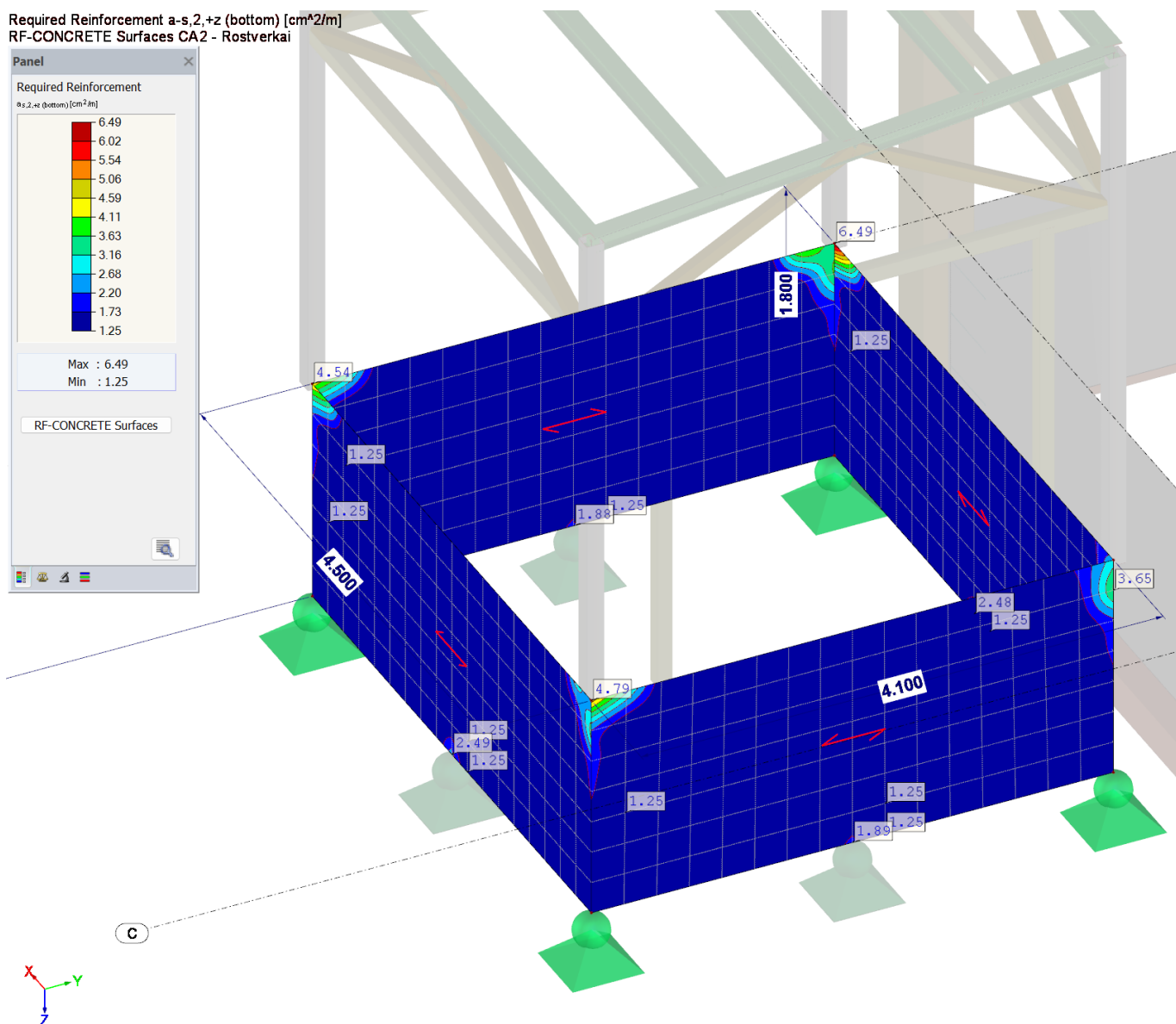
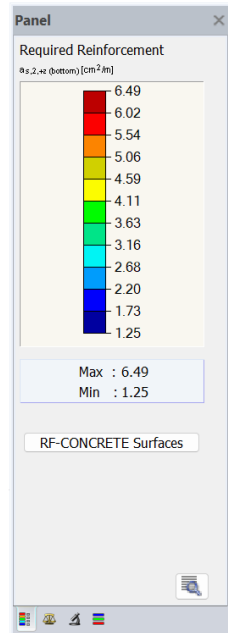
Required Reinforcement a-s,1,+z (bottom) [cm<sup>2</sup>/m]  
RF-CONCRETE Surfaces CA2 - Rostverkai



Max a-s,1,+z (bottom): 4.30, Min a-s,1,+z (bottom): 2.50 cm<sup>2</sup>/m

**2.164 pav.** Surenkamų gelžbetoninių cokolio plokščių Asy- (apatinė armatūra y kryptimi) (nuo įrašų gaubtinių)

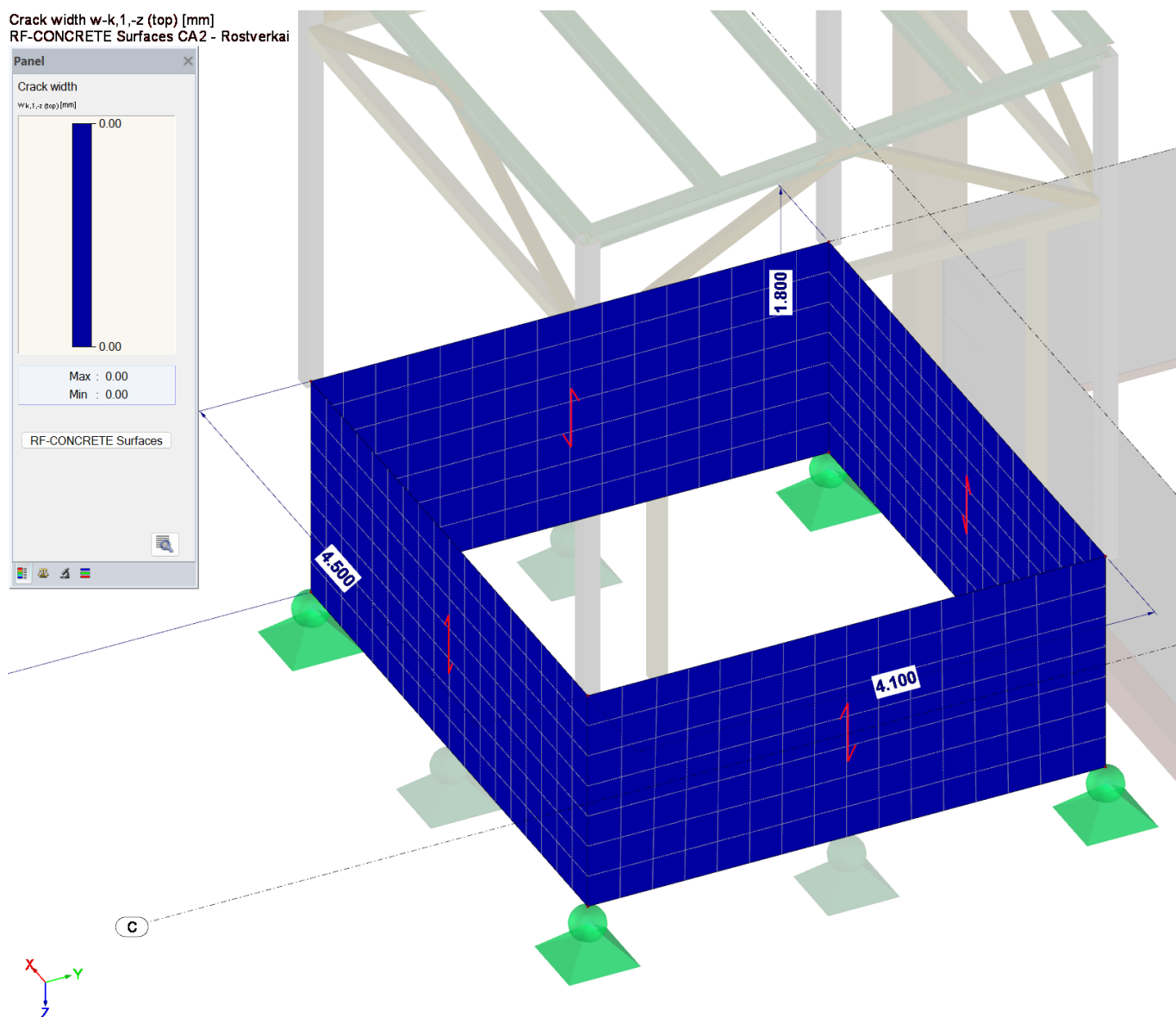
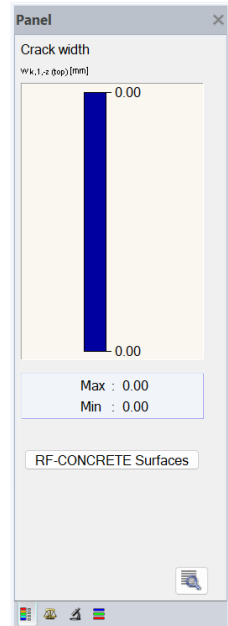
Required Reinforcement a-s,2,+z (bottom) [cm<sup>2</sup>/m]  
RF-CONCRETE Surfaces CA2 - Rostverkai



Max a-s,2,+z (bottom): 6.49, Min a-s,2,+z (bottom): 1.25 cm<sup>2</sup>/m

**2.165 pav.** Surenkamų gelžbetoninių cokolio plokščių Asx- (apatinė armatūra x kryptimi) (nuo įrašų gaubtinių)

Crack width w-k,1,-z (top) [mm]  
RF-CONCRETE Surfaces CA2 - Rostverkai

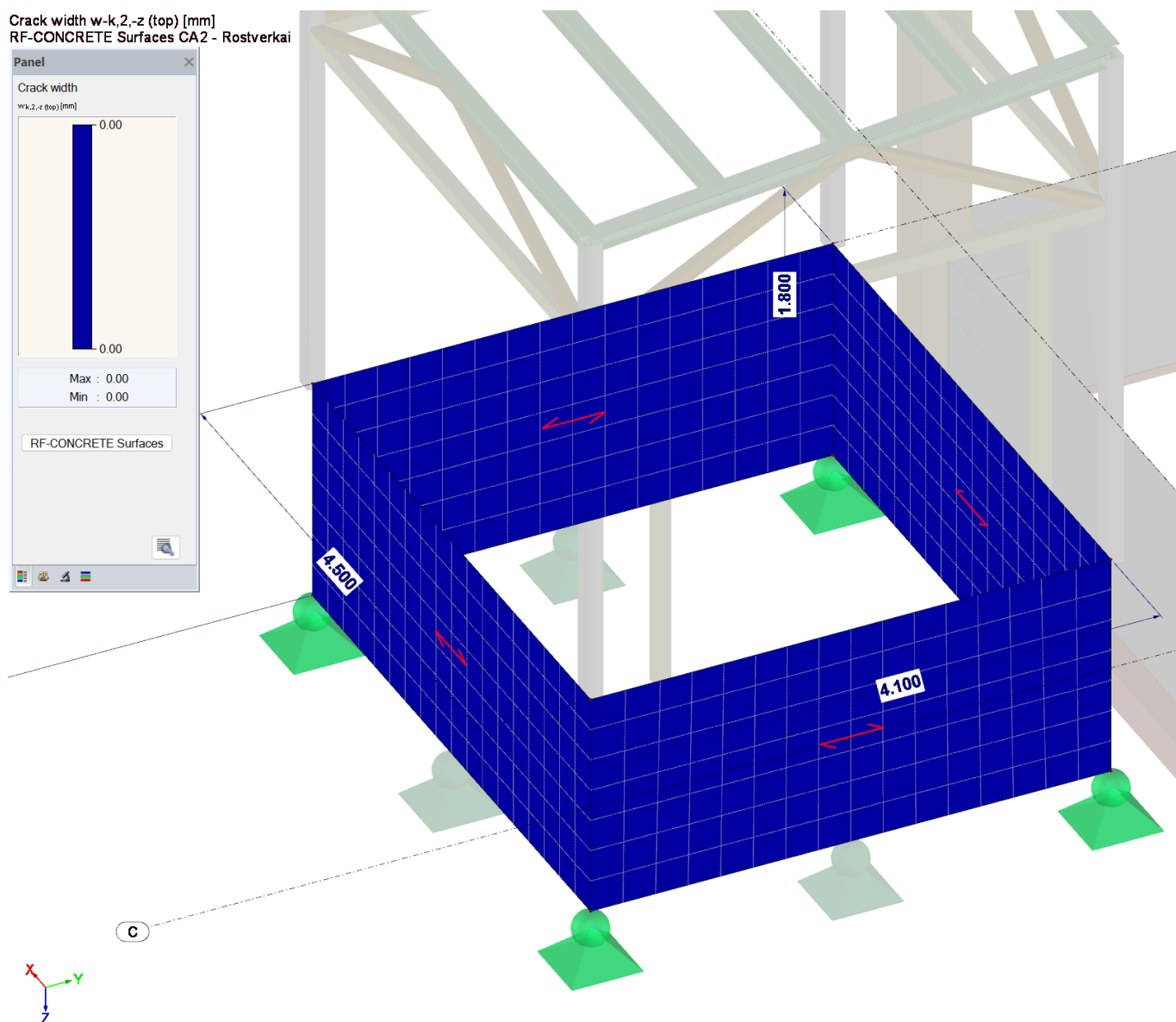
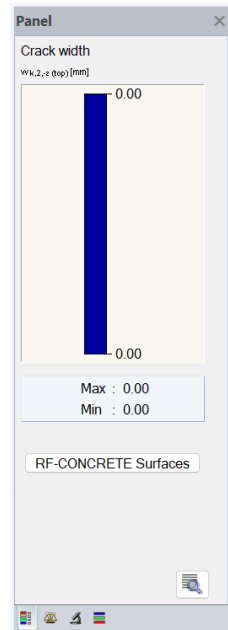


Max w-k,1,-z (top): 0.00, Min w-k,1,-z (top): 0.00 mm

**2.166 pav.** Surenkamų gelžbetoninių cokolio plokščių wk1+(top) (plyšio plotis y kryptimi) (nuo įrąžų gaubtinių)



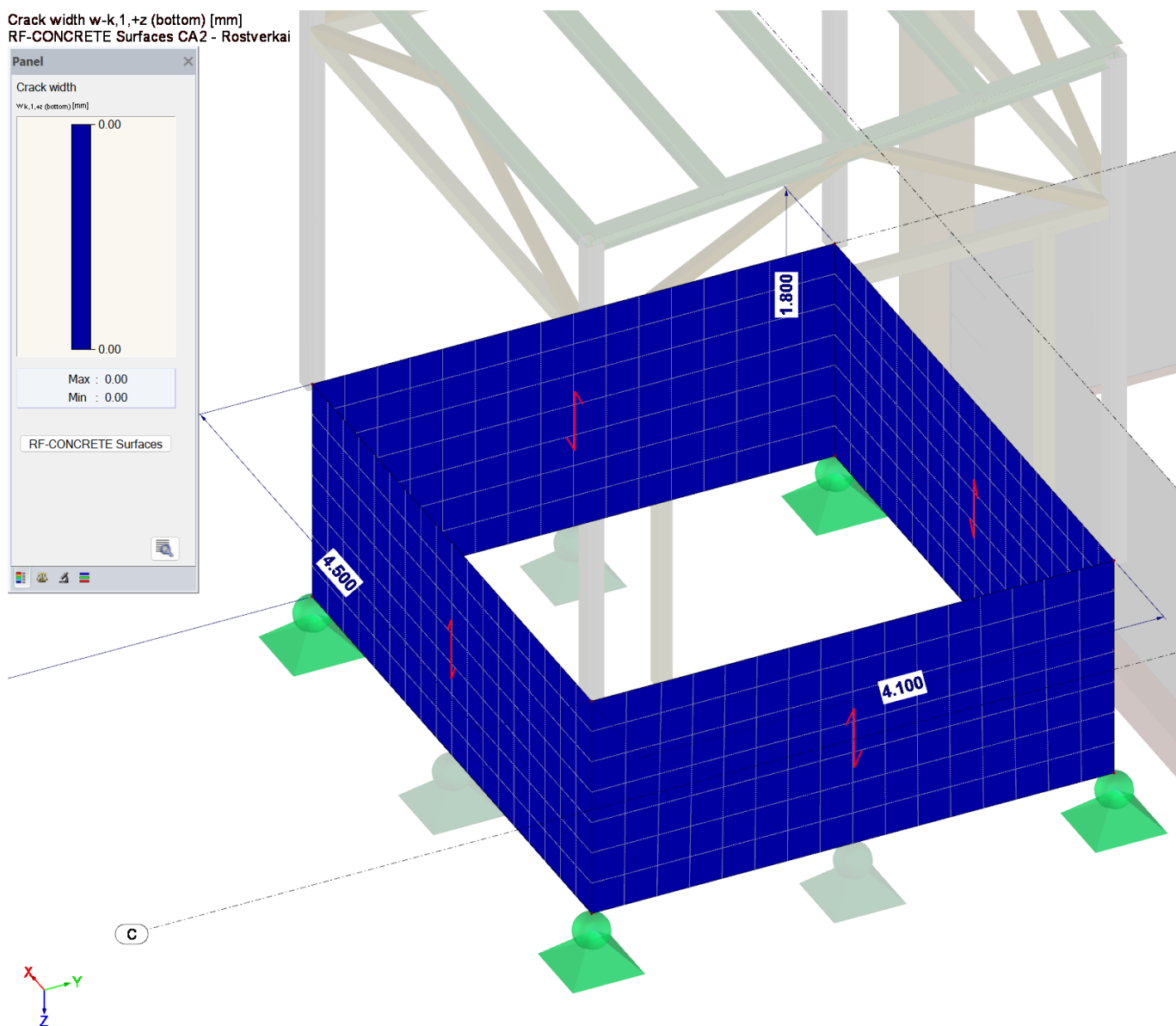
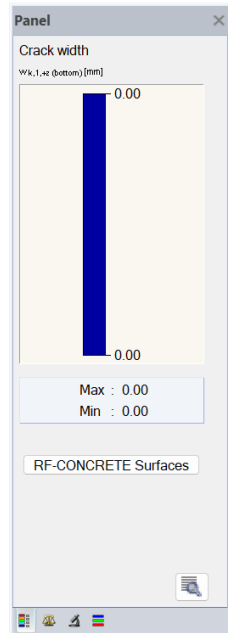
Crack width w-k,2,-z (top) [mm]  
RF-CONCRETE Surfaces CA2 - Rostverkai



Max w-k,2,-z (top): 0.00, Min w-k,2,-z (top): 0.00 mm

**2.167 pav.** Surenkamų gelžbetoninių cokolio plokščių wk2+(top) (plyšio plotis x kryptimi) (nuo įrašų gaubtinių)

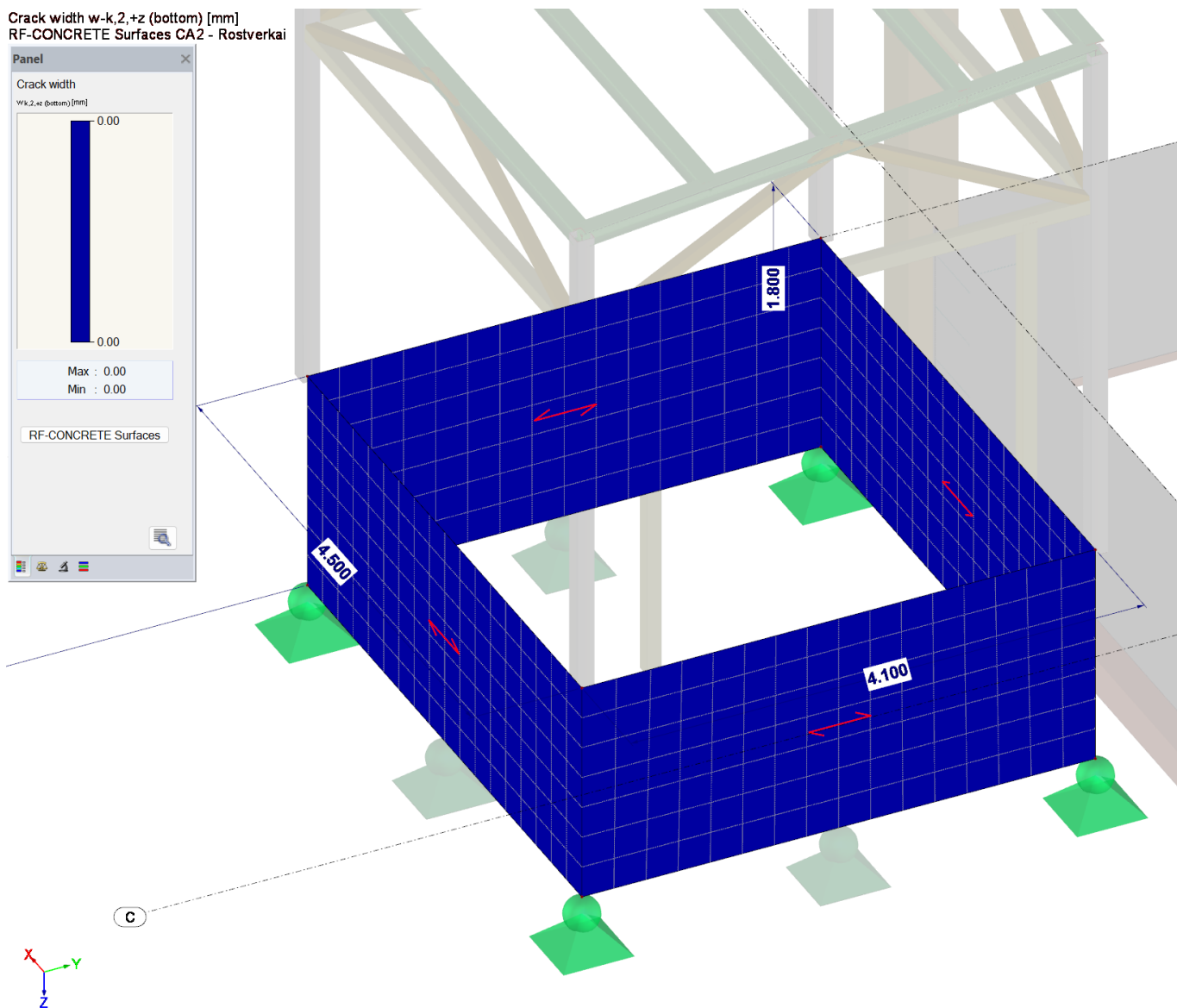
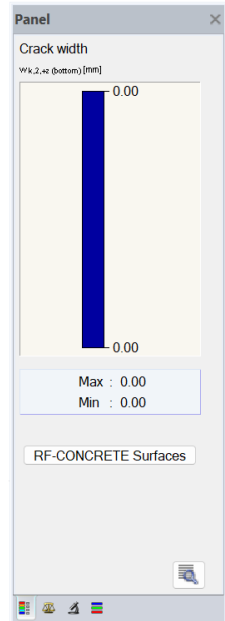
Crack width w-k,1,+z (bottom) [mm]  
RF-CONCRETE Surfaces CA2 - Rostverkai



Max w-k,1,+z (bottom): 0.00, Min w-k,1,+z (bottom): 0.00 mm

**2.168 pav.** Surenkamų gelžbetoninių cokolio plokščių wk1-(bottom) (plyšio plotis y kryptimi) (nuo įrašų gaubtinių)

Crack width w-k,2,+z (bottom) [mm]  
RF-CONCRETE Surfaces CA2 - Rostverkai

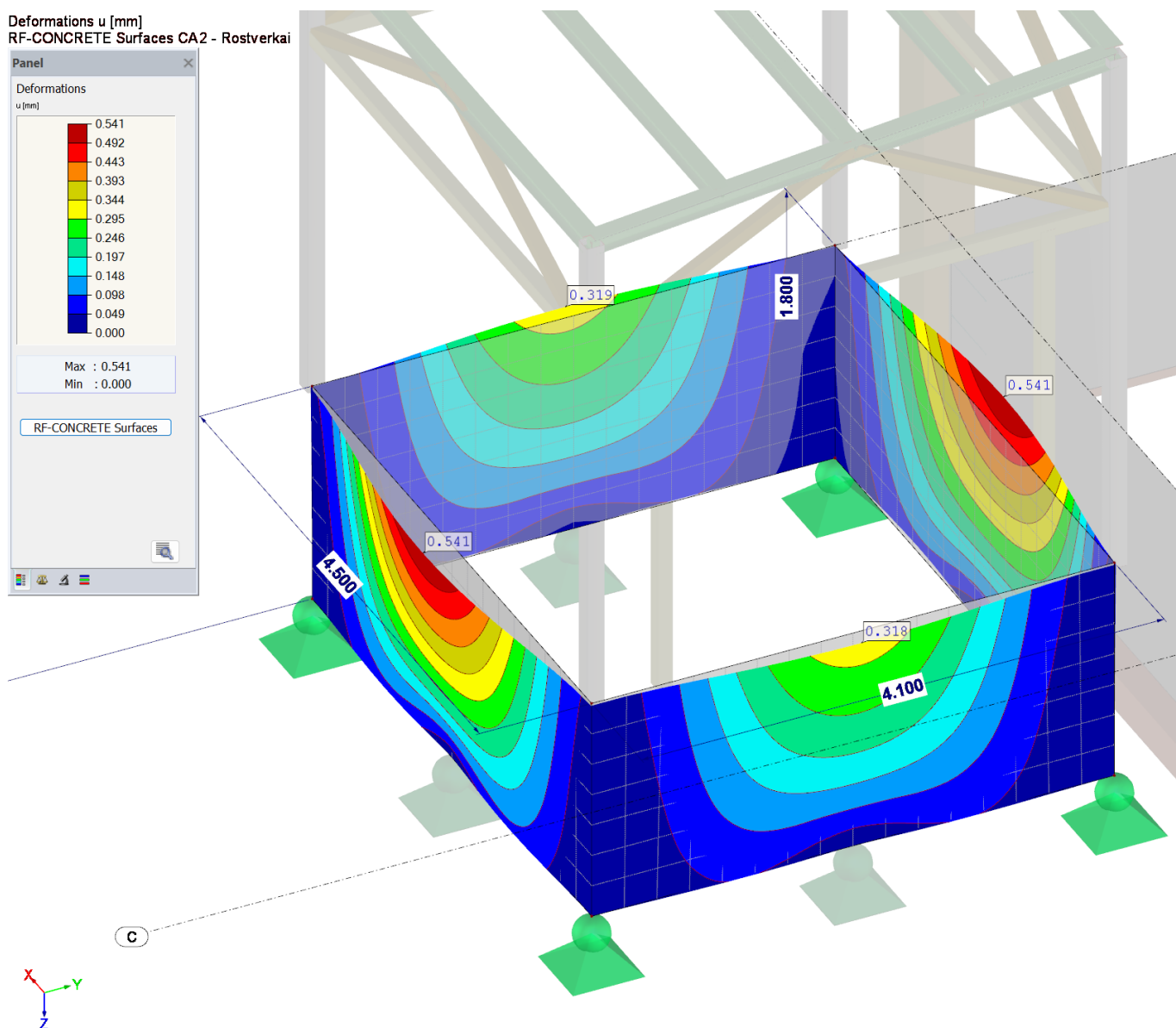
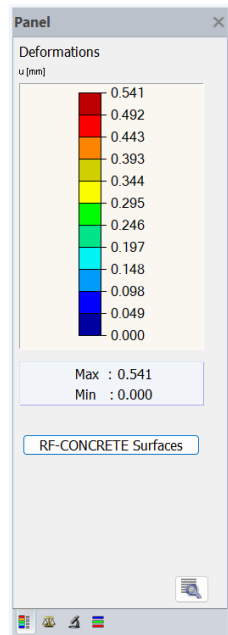


Max w-k,2,+z (bottom): 0.00, Min w-k,2,+z (bottom): 0.00 mm

**2.169 pav.** Surenkamų gelžbetoninių cokolio plokščių wk2-(bottom) (plyšio plotis x kryptimi) (nuo įrašų gaubtinių)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	180	267	0

Deformations u [mm]  
RF-CONCRETE Surfaces CA2 - Rostverkai



Max u: 0.541, Min u: 0.000 mm

**2.170 pav.** Deformacijos u (nuo tariamai nuolatinių tinkamumo ribinių derinių – SLS Qp)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	181	267	0

## 2.13 Gelžbetoninių konstrukcijų mazgų projektavimas

### 2.13.1 Betoninių grindų apkrovas laikančios deformacinės siūlės detalės skaičiavimas

Grindų apkrovas laikančios deformacinės siūlės skaičiavimas

#### JOINT OPENING

Option	Value	Unit	Description
Maximum length of slab ( $a_{max}$ )	<b>24</b>	m	Max $a_1$ or $a_2$ (maximum length of slab perpendicular to floor joint connection)
Diffirence of temperatures of slab ( $\Delta T$ )	<b>-25</b>	°C	Example 1: +10°C to -15°C -> $\Delta T = -25^\circ\text{C}$ Example 2: +10°C to +40°C -> $\Delta T = 30^\circ\text{C}$
<b>Estimation for floor joint opening</b>			
Joint opening due to shrinkage ( $x_s$ )	<b>14.40</b>	mm	
Joint movement caused by temperature difference ( $x_{\Delta t}$ )	<b>6.00</b>	mm	
Estimated floor joint opening ( $x_e$ )	<b>20.40</b>	mm	$x_e = x_s + x_{\Delta t}$
<b><u>Joint opening used in calculation (<math>x</math>)</u></b>	<b>15</b>	mm	
Pre-opening of joint: Thickness of foam ( $t_s$ )	<b>10</b>	mm	Default value 0 mm. Available 5/10/15 mm. Info for ordering, does not affect calculation.

#### 2.171 pav. Deformacinės siūlės parametrai

#### SLAB

Option	Value	Unit	Description
Concrete grade of slab	<b>C30/37</b>	N/mm <sup>2</sup>	C20/25..C40/50; C20..C50
Partial safety factor for concrete ( $\gamma_c$ )	<b>1.5</b>		1.5 for C20/25..C40/50; 1.4 for C20..C50
Poisson's ratio ( $\nu$ )	<b>0.2</b>		0.2 for uncracked concrete and 0 for cracked concrete
Thickness of the slab ( $h_{slab}$ )	<b>160</b>	mm	$h_{slab} = h$
Modulus of subgrade reaction ( $k$ )	<b>0.1</b>	N/mm <sup>3</sup>	based on soil type

#### 2.172 pav. Plokštės parametrai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	182	267	0

FLOOR JOINT

Option	Value	Unit	Description
Type of Peikko flooring product	WAVEJOINT		
Version of flooring product	Standard		Standard, HDG, Stainless or Acid proof
Dowel type	WRD 6		APAC
Characteristic yield strength of steel dowel ( $f_{yk}$ )	355.00	N/mm <sup>2</sup>	
Partial safety factor for steel ( $\gamma_s$ )	1.15		recommended value = 1.15
Dowel spacing (S1)	500	mm	
Dowel vertical location	Standard		Standard / Special $d_{slab} = h_{slab}/2$
Height of joint ( $h_{joint}$ )	135	mm	
Effective depth ( $d_{slab}$ )	79.00	mm	

2.173 pav. Grindų detalės parametrai



## LOADS

Option	Value	Unit	Description
<b>Permanent surface loads</b>			
Characteristic permanent load ( $g_k$ )	<b>2</b>	kN/m <sup>2</sup>	
Partial safety factor for permanent load ( $\gamma_g$ )	<b>1.35</b>		Recommended value = 1.35
Design permanent surface load ( $g_d$ )	<b>2.70</b>	kN/m <sup>2</sup>	
<b>Imposed surface loads</b>			
Characteristic imposed load ( $q_k$ )	<b>20</b>	kN/m <sup>2</sup>	
Partial safety factor for imposed load ( $\gamma_q$ )	<b>1.3</b>		Recommended value = 1.50
Design imposed surface loads ( $q_d$ )	<b>26.00</b>	kN/m <sup>2</sup>	
<b>Point load(s)</b>			
Point load(s)	<b>Single</b>		Double includes two single loads at a distance c/c
Characteristic value of point load ( $Q_{pk}$ )	<b>20</b>	kN	
Partial safety factor for point load ( $\gamma_{Qp}$ )	<b>1.3</b>		Recommended value = 1.50
Design point load ( $Q_{pd}$ )	<b>26.00</b>	kN	
Width of contact area ( $w_{cat}$ )	<b>200</b>	mm	Recommended value = 200mm
Distance between middle of contact area in case of double point loads (c/c)	<b>2000</b>	mm	

2.174 pav. Apkrovis

Dynamic loads (forklift)			
Dynamic loads (forklift)	Two wheels		One wheel: The forklift runs parallel the floor joint Two wheels: The forkift crosses the floor joint
Characteristic axle load of forklift ( $Q_k$ )	63	kN	based on type of forklift (FL 1~6)
Partial safety factor for dynamic load ( $\gamma_Q$ )	1.6		Recommended value = 1.60
Dynamic magnification factor ( $\varphi$ )	1.4		value 1.4 for pneumatic tires and value 2.0 for solid tires
Desing axle load of forklift ( $Q_d$ )	141.12	kN	
Width of contact area ( $w_{ca2}$ )	200	mm	recommended value 200 mm
Distance between middle of contact areas (a)	1000	mm	based on type of forklift (FL 1~6)
Load transfer			
Share of applied load transferred by the load transfer system	50	%	

2.175 pav. Apkrovos

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	185	267	0


### 2.13.2 Betoninių grindų apkrovas laikančios deformacinės siūlės detalės skaičiavimų rezultatai

## RESISTANCES

Option	Value	Unit	Description
The shear capacity per dowel ( $P_{sh\_plate}$ )	<b>145.03</b>	kN	
The punching capacity per dowel at the face of the loaded area ( $P_{max}$ ) =	<b>113.04</b>	kN	
Bearing / bending capacity per dowel ( $P_{max\_plate}$ )	<b>40.90</b>	kN	
The punching capacity per dowel on the critical perimeter taking account adjacent dowels ( $P_{p\_min}$ )	<b>24.65</b>	kN	
Design resistance of floor joint	<b>49.31</b>	kN/m	

2.176 pav. Skaičiavimų rezultatai

## UTILIZATION FOR WJ6-135-2000

Load case	Unit	Design load	Design resistance	Utilization [%]	Combine
Design permanent surface load	kN/m	1.35		<b>2.74</b>	<input type="checkbox"/>
Design imposed surface loads	kN/m	13.00		<b>26.37</b>	<input type="checkbox"/>
Design point load	kN/m	10.38		<b>21.06</b>	<input type="checkbox"/>
Design axle load of forklift	kN/m	31.33		<b>63.54</b>	<input type="checkbox"/>
<b>Combined load case</b>	<b>kN/m</b>	<b>41.71</b>	<b>49.31</b>	<b>84.60</b>	

2.177 pav. Skaičiavimų rezultatai

### 2.13.3 Surenkamų gelžbetoninių (kampinių kolonų) ir pamato jungties skaičiavimas

Kolonos – pamato jungties skaičiavimas (kampinės kolonos)

#### Column 1

Note:

Number of Columns: 1

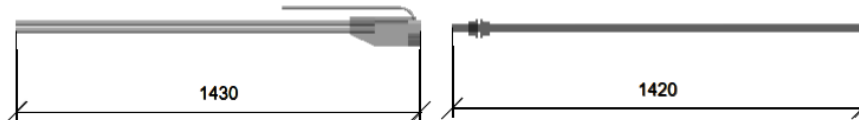
#### Peikko Products

Column Shoes: 8 x HPKM30

Bolts: 8 x HPM30P

Totals

Product	Amount
HPKM30	8
HPM30P	8



Minimum required torque value of nuts :  $T_{min} = 250 \text{ Nm}$

Maximum allowed torque value of nuts :  $T_{max} = 450 \text{ Nm}$

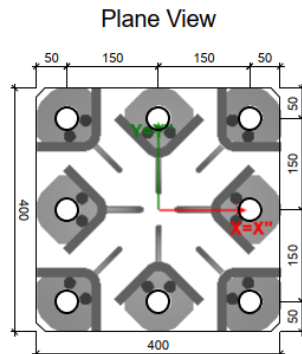
Bolt installation template: PPL30-8 (150+150)x(150+150)

#### Materials and Geometry

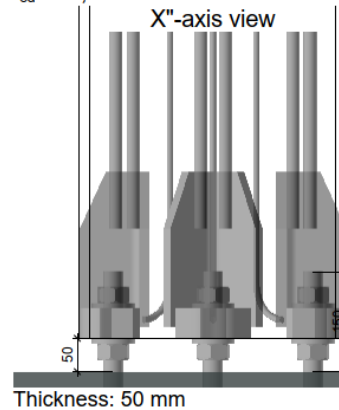
Column: 400x400

Concrete: C40/50

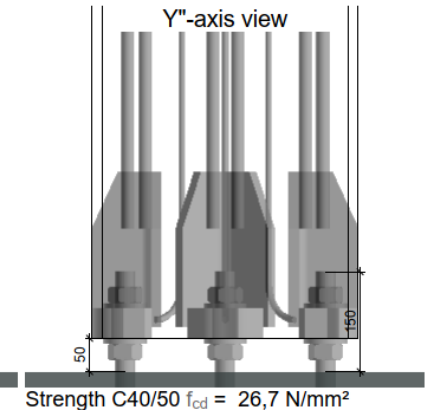
$f_{cd} = 26,7 \text{ N/mm}^2$



Grouting:



Thickness: 50 mm



Strength C40/50  $f_{cd} = 26,7 \text{ N/mm}^2$

X; Y = local coordinate system of profile  
X''; Y'' = local coordinate system of anchors

#### Load Cases

NOTE: Loads are defined in the local coordinate system of the profile.

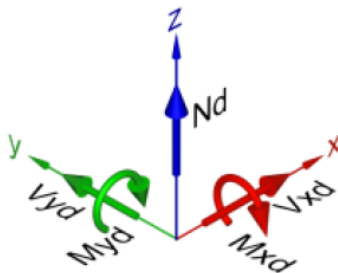
(Design loads)

#### Final Stage

#	Name	$N_d$ [kN]	$M_{xd}$ [kNm]	$M_{yd}$ [kNm]	$V_{xd}$ [kN]	$V_{yd}$ [kN]
1		-221,0	-64,0	82,0	117,0	112,0
2		-210,0	-64,0	82,0	117,0	112,0

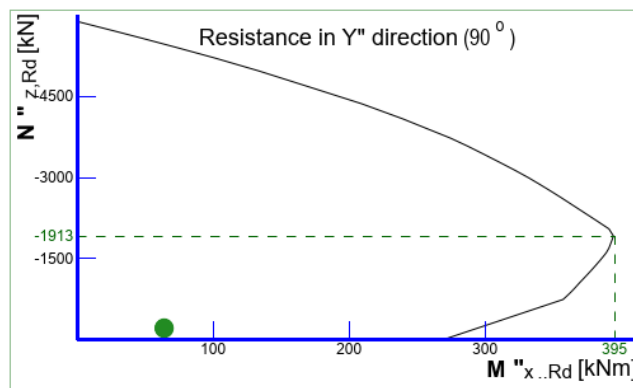
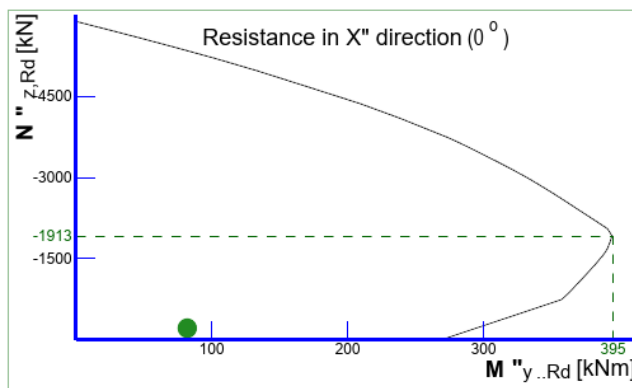
#### Erection stage

No load case for this stage defined



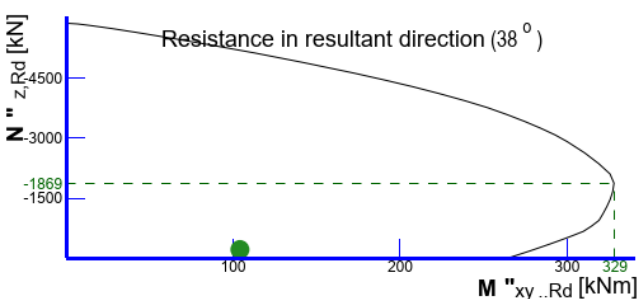
#### Resistance Diagrams

2.178 pav. Kampinių kolonų – pamatų jungčių parametrai



#### Resultant Diagrams per Load

$N_d = -221,0$ ,  $M_{xd} = -64,0$ ,  $M_{yd} = 82,0$ ,  $V_{xd} = 117,0$ ,  $V_{yd} = 112,0$   
 (loads in coordinate system of profile)  
 $N''_d = -221,0$ ,  $M''_{xd} = -64,0$ ,  $M''_{yd} = 82,0$ ,  $V''_{xd} = 117,0$ ,  $V''_{yd} = 112,0$   
 (loads in coordinate system of anchors)



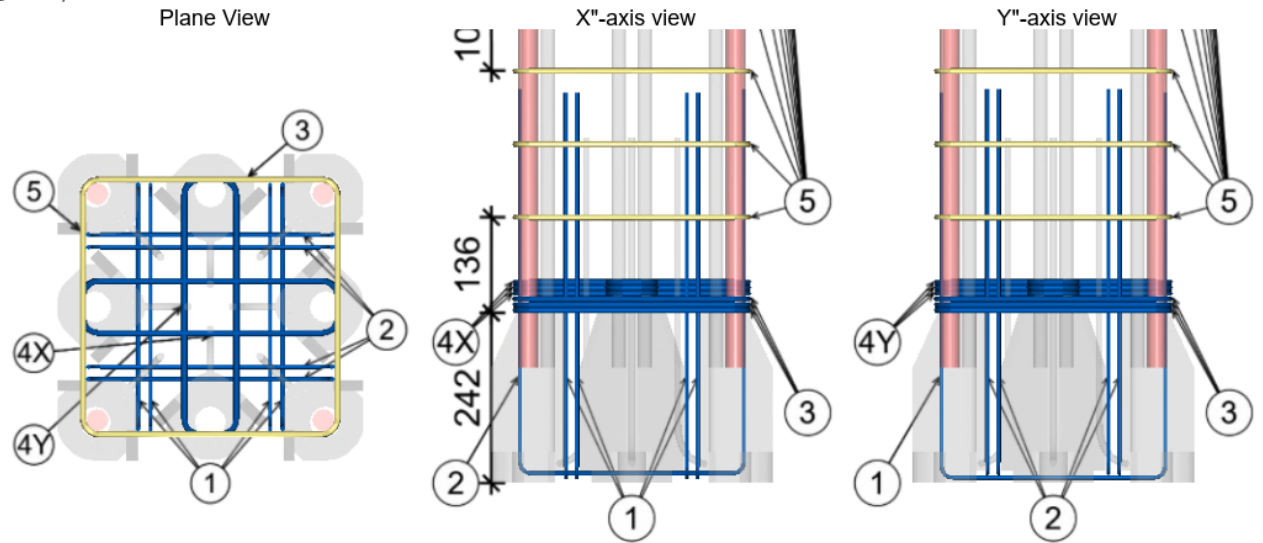
$N_d = -210,0$ ,  $M_{xd} = -64,0$ ,  $M_{yd} = 82,0$ ,  $V_{xd} = 117,0$ ,  $V_{yd} = 112,0$   
 (loads in coordinate system of profile)  
 $N''_d = -210,0$ ,  $M''_{xd} = -64,0$ ,  $M''_{yd} = 82,0$ ,  $V''_{xd} = 117,0$ ,  $V''_{yd} = 112,0$   
 (loads in coordinate system of anchors)



2.179 pav. Projektavimo diagramos

Supplementary Column Shoe Reinforcement

Concrete Cover 30 mm  
Reinforcement B500B  
 $f_{yd} = 434,8 \text{ N/mm}^2$



Reinforcements Data

Pos	Bending Type	$\emptyset$ [mm]	a [mm]	b [mm]	c [mm]	d [mm]	r [mm]	L [mm]	pcs	[kg]/pcs	[kg]
1	B	6	550	324	550	0	12	1 400	4	0,31	1,24
2	B	6	550	324	550	0	12	1 400	4	0,31	1,24

Version 2.6.2

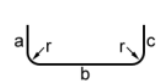
SS2407\_Kampinės kolonos\_2025-10-19.pddbx

2025-10-19

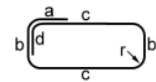
Peikko Designer: Column Connection										Page 5 of 9	
3	C	8	96	340	340	96	16	1 472	3	0,58	1,74
4Y	C	8	96	76	340	96	16	944	3	0,37	1,12
4X	C	8	96	340	76	96	16	944	3	0,37	1,12
5	C	8	96	340	340	96	16	1 472	11	0,58	6,4
										Total weight :12,87	

\* Pos. 5 is evaluated assuming good bonding strength

Bending Type B



Bending Type C

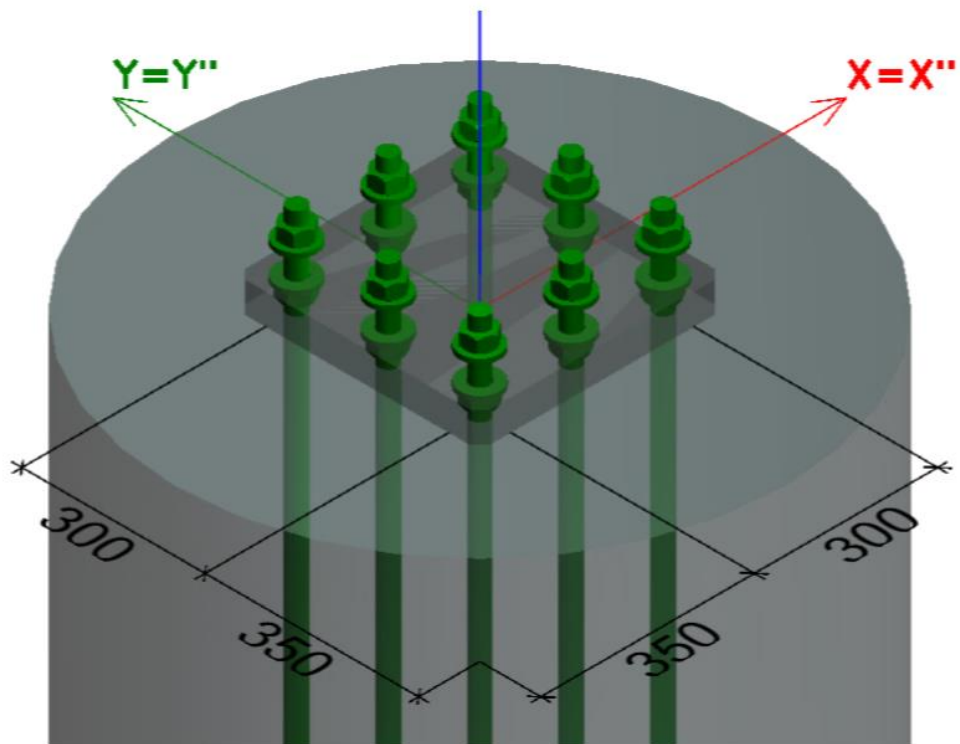


2.180 pav. Papildomas armavimas

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	189	267	0



## Base Structure



Concrete	C25/30
Uncracked	No
Aggregate size	16 mm
Footing diameter ( d )	1000 mm
Height of Footing	6000 mm
Eccentricity of bolted column ( $e_x$ )	0 mm
Eccentricity of bolted column ( $e_y$ )	0 mm

### 2.181 pav. Pamatas

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	190	267	0

## Anchor Bolts Failure Verifications

### Final Stage Bolts

Load Case #1 :  $N_d = -221,0$ ,  $M_{xd} = -64,0$ ,  $M_{yd} = 82,0$ ,  $V_{xd} = 117,0$ ,  $V_{yd} = 112,0$

Steel Failure: Sufficient capacity

Concrete failure: Adequate splice length.

Concrete edge failure: Not calculated

### Steel failure verification

Version 2.6.2

SS2407\_Kampinės kolonos\_2025-10-19.pddb

2025-10-19

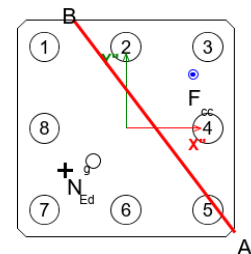


Peikko Designer: Column Connection

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Design value of normal compressive force in the column	$N_{c,Ed}$	-221	kN
Friction coefficient (between base plate and grout layer)	$C_{fd}$	0,2	
Joint friction resistance	$F_{f,Rd}$	44,2	kN
Resultant shear force	$V_{sd}$	161,97	kN
Resultant shear force taking account friction contribution	$V_{sd,f}$	117,77	kN

Neutral axis in (X"/Y") = A(200,0 / -192,9); B(-97,8 / 200,0)  
 Resultant tension force in (X"/Y") =  $N_{Ed}(-111,9/-77,7)$   
 Resultant compression force (concrete) in (X"/Y") =  $F_{cc}(123,1/99,2)$



Bolt Pos.	Acting axial force [kN]	Design tension resistance [kN]	Axial capacity usage [%]	Acting shear force [kN]	Design shear resistance [kN]	Shear capacity usage [%]	Interaction [%]
1	26,3	220,4	11,9	19,6	71,6	27,4	36,0
2	-17,5	220,4	7,9	19,6	71,6	27,4	n/r
3	-61,3	220,4	27,8	19,6	71,6	27,4	n/r
4	-28,1	220,4	12,8	19,6	71,6	27,4	n/r
5	5,10	220,4	2,3	19,6	71,6	27,4	29,1
6	48,9	220,4	22,2	19,6	71,6	27,4	43,3
7	92,8	220,4	42,1	0,0	71,6	0,0	n/r
8	59,5	220,4	27,0	0,0	71,6	0,0	n/r

### Anchorage By Splicing Adequate splice length.

Bolt Pos.	Acting axial force [kN]	Required minimum area of stirrups [mm <sup>2</sup> ]	Actual area of stirrups [mm <sup>2</sup> ]	The stirrup confinement effectiveness factor $\alpha_3$ [-]	Splice factor $\alpha_6$ [-]	Required lap length [mm]	Current lap length [mm]	Usage of lap length [%]
1	26,3	61	628,0	0,93	1,5	480	1230	39,0 %
2	-17,5	40	628,0	1,00	1,5	480	1230	39,0 %
3	-61,3	141	628,0	1,00	1,5	480	1230	39,0 %
4	-28,1	65	628,0	1,00	1,5	480	1230	39,0 %
5	5,10	12	628,0	0,92	1,5	480	1230	39,0 %
6	48,9	113	628,0	0,97	1,5	480	1230	39,0 %
7	92,8	213	628,0	0,95	1,5	487	1230	39,6 %
8	59,5	137	628,0	0,97	1,5	480	1230	39,0 %

**Note 1:** The reinforcement of base structure should correspond to the bolts' bonding strength.

**Note 2:** Where factor  $[\alpha_3 < 1]$ , the actual area of selected transverse reinforcement directly affects required lap length of anchor bolt.

**Note 3:** The final arrangement of designed transverse reinforcement should be checked with respect to constrictive provisions of paragraph 8.7.4 of EN 1992-1-1.

**Note 4:** Shear Load: Concrete edge failure in case of straight anchor bolts (type P) should be checked and estimated manually !

2.182 pav. Plieninės mazgo dalies patikrinimas (1 apkrovimo variantas)

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
191	267	0

Load Case #2 : Nd=-210,0, Mxd=-64,0, Myd=82,0, Vxd=117,0, Vyd=112,0

Steel Failure: Sufficient capacity

Concrete failure: Adequate splice length.

Concrete edge failure: Not calculated

### Steel failure verification

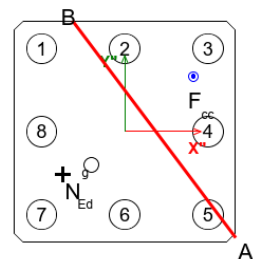
Version 2.6.2

SS2407\_Kampinės kolonos\_2025-10-19.pddbx

2025-10-19

Design value of normal compressive force in the column	$N_{c,Ed}$	-210	kN
Friction coefficient (between base plate and grout layer)	$C_{fd}$	0,2	
Joint friction resistance	$F_{f,Rd}$	42	kN
Resultant shear force	$V_{sd}$	161,97	kN
Resultant shear force taking account friction contribution	$V_{sd,f}$	119,97	kN

Neutral axis in (X"/Y") = A(200,0 / -190,4); B(-95,4 / 200,0)  
 Resultant tension force in (X"/Y") =  $N^{\circ}_{Ed}(-111,3/-77,3)$   
 Resultant compression force (concrete) in (X"/Y") =  $F_{cc}(123,8/99,8)$



Bolt Pos.	Acting axial force [kN]	Design tension resistance [kN]	Axial capacity usage [%]	Acting shear force [kN]	Design shear resistance [kN]	Shear capacity usage [%]	Interaction [%]
1	27,3	220,4	12,4	20,0	71,6	27,9	36,8
2	-17,0	220,4	7,7	20,0	71,6	27,9	n/r
3	-61,2	220,4	27,8	20,0	71,6	27,9	n/r
4	-27,8	220,4	12,6	20,0	71,6	27,9	n/r
5	5,72	220,4	2,6	20,0	71,6	27,9	29,8
6	50,0	220,4	22,7	20,0	71,6	27,9	44,1
7	94,2	220,4	42,7	0,0	71,6	0,0	n/r
8	60,7	220,4	27,6	0,0	71,6	0,0	n/r

### Anchorage By Splicing Adequate splice length.

Bolt Pos.	Acting axial force [kN]	Required minimum area of stirrups [mm <sup>2</sup> ]	Actual area of stirrups [mm <sup>2</sup> ]	The stirrup confinement effectiveness factor $\alpha_3$ [-]	Splice factor $\alpha_6$ [-]	Required lap length [mm]	Current lap length [mm]	Usage of lap length [%]
1	27,3	63	628,0	0,93	1,5	480	1230	39,0 %
2	-17,0	39	628,0	1,00	1,5	480	1230	39,0 %
3	-61,2	141	628,0	1,00	1,5	480	1230	39,0 %
4	-27,8	64	628,0	1,00	1,5	480	1230	39,0 %
5	5,72	13	628,0	0,92	1,5	480	1230	39,0 %
6	50,0	115	628,0	0,97	1,5	480	1230	39,0 %
7	94,2	217	628,0	0,95	1,5	495	1230	40,3 %
8	60,7	140	628,0	0,97	1,5	480	1230	39,0 %

Note 1: The reinforcement of base structure should correspond to the bolts' bonding strength.

Note 2: Where factor  $[\alpha_3 < 1]$ , the actual area of selected transverse reinforcement directly affects required lap length of anchor bolt.

Note 3: The final arrangement of designed transverse reinforcement should be checked with respect to constrictive provisions of paragraph 8.7.4 of EN 1992-1-1.

Note 4: Shear Load: Concrete edge failure in case of straight anchor bolts (type P) should be checked and estimated manually !

2.183 pav. Plieninės mazgo dalies patikrinimas (2 apkrovimo variantas)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	192	267	0

Transverse reinforcement in the lap zone

Reinforcement  
Plane View

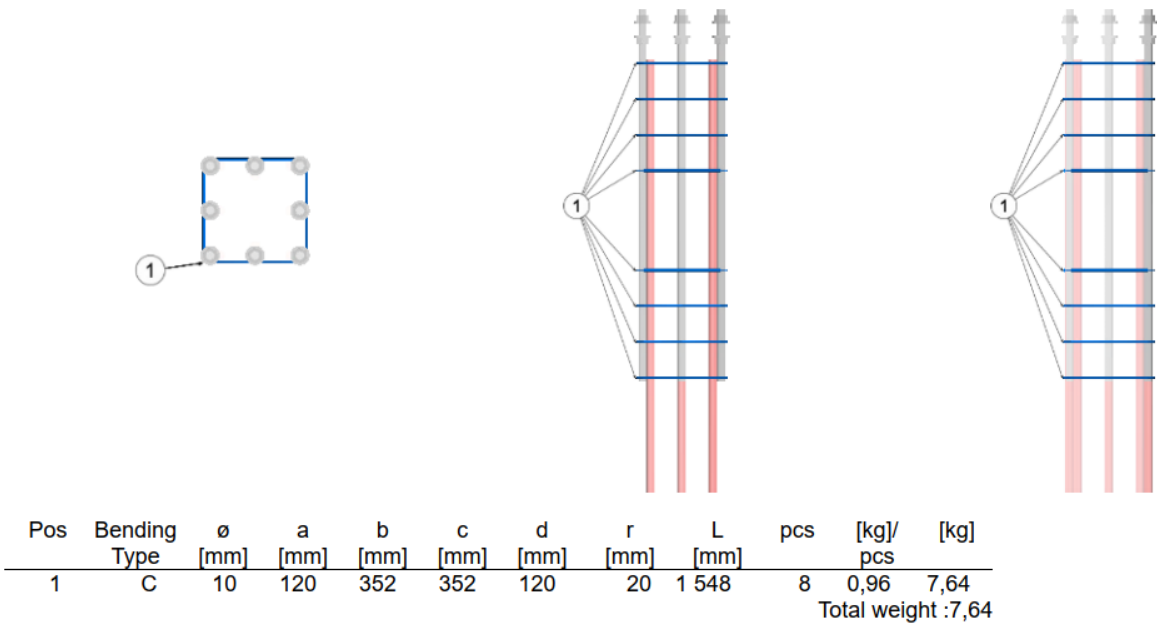
X"-axis view

B500B  
Y"-axis view

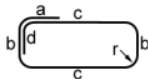
Version 2.6.2

SS2407\_Kampinės kolonos\_2025-10-19.pddbx

2025-10-19



Bending Type C



2.184 pav. Inkaravimo zonos armavimas

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	193	267	0

#### 2.13.4 Surenkamų gelžbetoninių (kampinių kolonų) ir pamato jungties skaičiavimų rezultatai

##### Summary

Name	Stage	#	Load Case	Page No.	Max Utilization	Status
Column 1	Final	1	Nd=-221,0, Mxd=-64,0, Myd=82,0, Vxd=117,0, Vyd=112,0	5	43%	OK
	Final	2	Nd=-210,0, Mxd=-64,0, Myd=82,0, Vxd=117,0, Vyd=112,0	6	44%	OK

**2.185 pav.** Kampinių kolonų – pamatų jungčių skaičiavimų rezultatai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	194	267	0

## 2.13.5 Surenkamų gelžbetoninių (kraštinių kolonų) ir pamato jungties skaičiavimas

Kolonos – pamato jungties skaičiavimas (kraštinės kolonos)

### Column 1

Note:

Number of Columns: 1

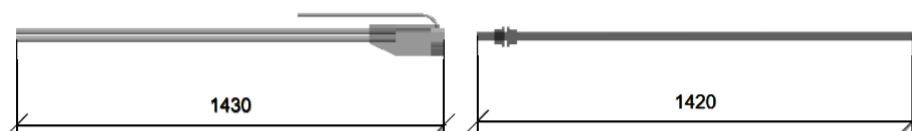
#### Peikko Products

Column Shoes: 8 x HPKM30

Bolts: 8 x HPM30P

Totals

Product	Amount
HPKM30	8
HPM30P	8



Minimum required torque value of nuts :  $T_{min} = 250 \text{ Nm}$

Maximum allowed torque value of nuts :  $T_{max} = 450 \text{ Nm}$

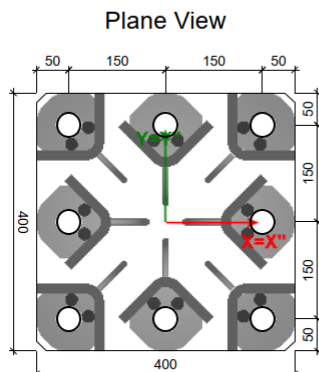
Bolt installation template: PPL30-8 (150+150)x(150+150)

#### Materials and Geometry

Column: 400x400

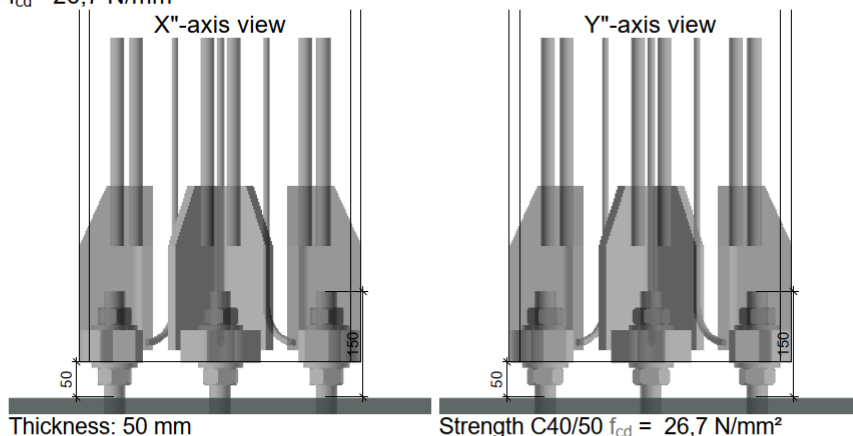
Concrete: C40/50

$f_{cd} = 26,7 \text{ N/mm}^2$



Grouting:

X; Y = local coordinate system of profile  
X''; Y'' = local coordinate system of anchors



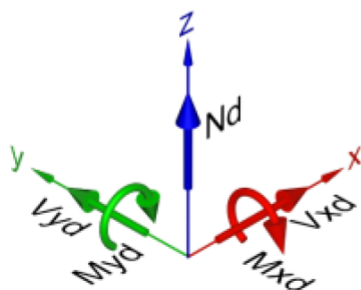
Thickness: 50 mm

Strength C40/50  $f_{cd} = 26,7 \text{ N/mm}^2$

#### Load Cases

NOTE: Loads are defined in the local coordinate system of the profile.

(Design loads)



#### Final Stage

#	Name	$N_d$ [kN]	$M_{xd}$ [kNm]	$M_{yd}$ [kNm]	$V_{xd}$ [kN]	$V_{yd}$ [kN]
1		-274,0	-40,0	-174,0	161,0	-25,0

#### Erection stage

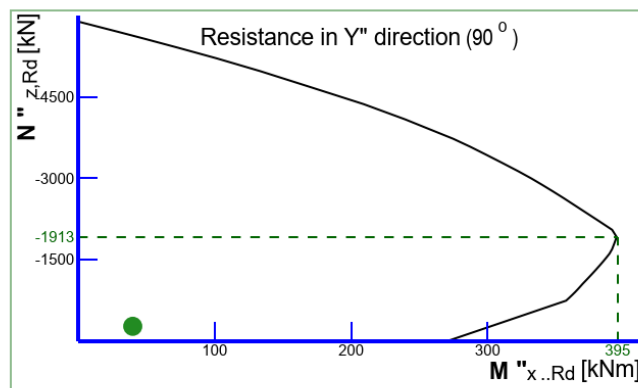
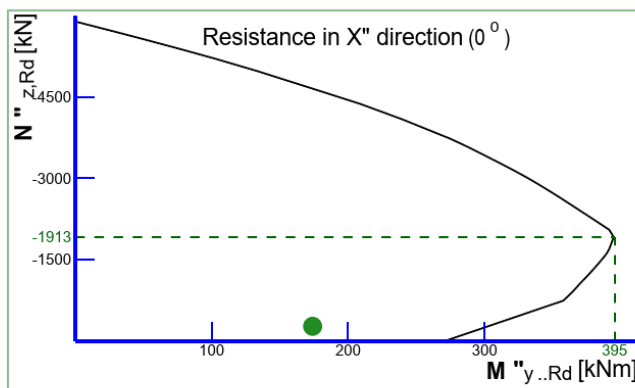
No load case for this stage defined

#### Resistance Diagrams

2.186 pav. Kraštinių kolonų – pamatų jungčių parametrai

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
195	267	0



#### Resultant Diagrams per Load

$N_d = -274,0$ ,  $M_{xd} = -40,0$ ,  $M_{yd} = -174,0$ ,  $V_{xd} = 161,0$ ,  $V_{yd} = -25,0$   
 (loads in coordinate system of profile)  
 $N''_d = -274,0$ ,  $M''_{xd} = -40,0$ ,  $M''_{yd} = -174,0$ ,  $V''_{xd} = 161,0$ ,  $V''_{yd} = -25,0$   
 (loads in coordinate system of anchors)



2.187 pav. Projektavimo diagramos



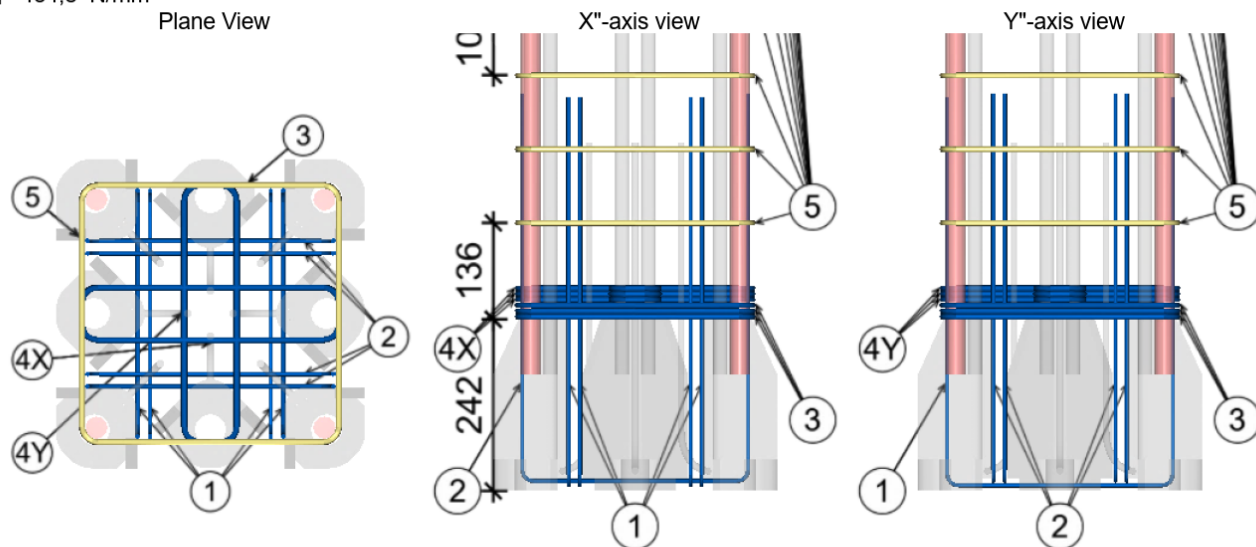
## Supplementary Column Shoe Reinforcement

Concrete Cover 30 mm

Reinforcement B500B

$f_{yd} = 434,8 \text{ N/mm}^2$

Plane View



### Reinforcements Data

Pos	Bending Type	$\emptyset$ [mm]	a [mm]	b [mm]	c [mm]	d [mm]	r [mm]	L [mm]	pcs	[kg]/pcs	[kg]
1	B	6	550	324	550	0	12	1 400	4	0,31	1,24
2	B	6	550	324	550	0	12	1 400	4	0,31	1,24

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2025-10-19



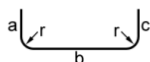
Peikko Designer: Column Connection

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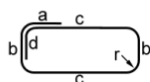
3	C	8	96	340	340	96	16	1 472	3	0,58	1,74
4Y	C	8	96	76	340	96	16	944	3	0,37	1,12
4X	C	8	96	340	76	96	16	944	3	0,37	1,12
5	C	8	96	340	340	96	16	1 472	11	0,58	6,4
										Total weight :12,87	

\* Pos. 5 is evaluated assuming good bonding strength

Bending Type B



Bending Type C

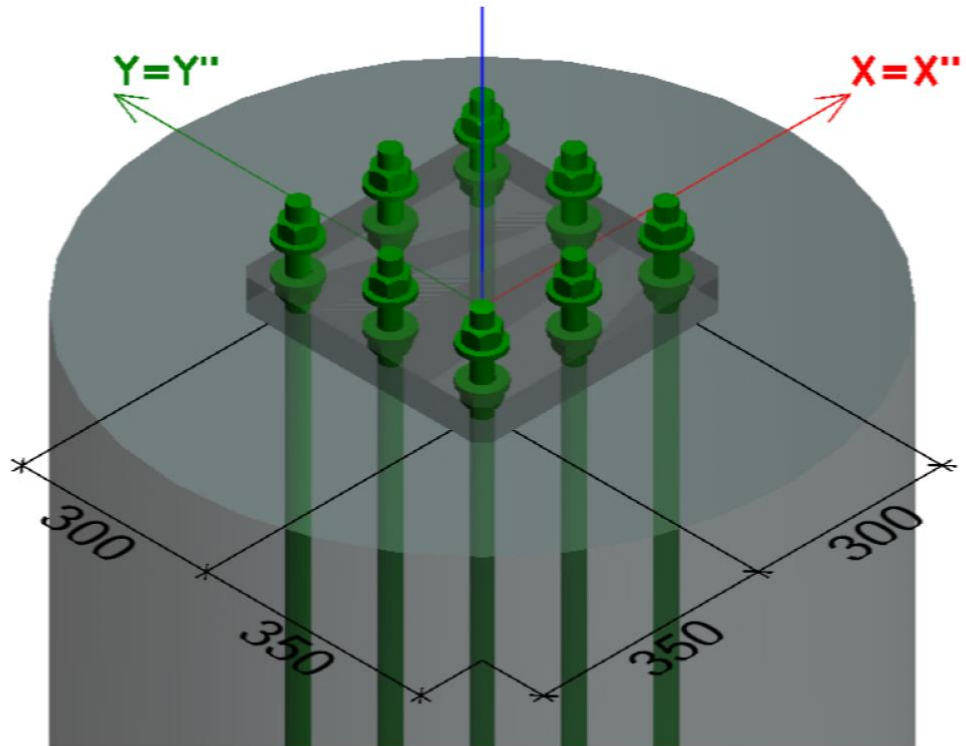


**2.188 pav.** Papildomas armavimas

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
197	267	0

Base Structure



Concrete  
Uncracked  
Aggregate size  
Footing diameter ( d )  
Height of Footing  
Eccentricity of bolted column (  $e_x$  )  
Eccentricity of bolted column (  $e_y$  )

C25/30  
No  
16 mm  
1000 mm  
6000 mm  
0 mm  
0 mm

2.189 pav. Pamatas

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	198	267	0

## Anchor Bolts Failure Verifications

### Final Stage Bolts

Load Case #1 : Nd=-274,0, Mxd=-40,0, Myd=-174,0, Vxd=161,0, Vyd=-25,0

Steel Failure: Sufficient capacity

Concrete failure: Adequate splice length.

Concrete edge failure: Not calculated

### Steel failure verification

Version 2.6.2

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2025-10-19

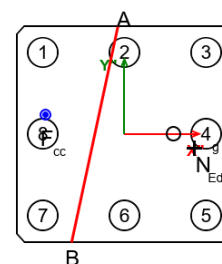


Peikko Designer: Column Connection

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Design value of normal compressive force in the column	$N_{c,Ed}$	-274	kN
Friction coefficient (between base plate and grout layer)	$C_{fd}$	0,2	
Joint friction resistance	$F_{t,Rd}$	54,8	kN
Resultant shear force	$V_{sd}$	162,93	kN
Resultant shear force taking account friction contribution	$V_{sd,f}$	108,13	kN

Neutral axis in (X"/Y") = A(-11,0 / 200,0); B(-97,2 / -200,0)  
 Resultant tension force in (X"/Y") =  $N^0_{Ed}(127,5/-26,9)$   
 Resultant compression force (concrete) in (X"/Y") =  $F_{cc}(-145,1/35,3)$



Bolt Pos.	Acting axial force [kN]	Design tension resistance [kN]	Axial capacity usage [%]	Acting shear force [kN]	Design shear resistance [kN]	Shear capacity usage [%]	Interaction [%]
1	-87,1	220,4	39,5	0,0	71,6	0,0	n/r
2	14,8	220,4	6,7	18,0	71,6	25,2	30,0
3	116,7	220,4	53,0	18,0	71,6	25,2	63,0
4	138,7	220,4	62,9	18,0	71,6	25,2	70,1
5	160,7	220,4	72,9	18,0	71,6	25,2	77,2
6	58,7	220,4	26,7	18,0	71,6	25,2	44,2
7	-43,2	220,4	19,6	18,0	71,6	25,2	n/r
8	-65,1	220,4	29,6	0,0	71,6	0,0	n/r

### Anchorage By Splicing Adequate splice length.

Bolt Pos.	Acting axial force [kN]	Required minimum area of stirrups [mm <sup>2</sup> ]	Actual area of stirrups [mm <sup>2</sup> ]	The stirrup confinement effectiveness factor $\alpha_3$ [-]	Splice factor $\alpha_6$ [-]	Required lap length [mm]	Current lap length [mm]	Usage of lap length [%]
1	-87,1	200	628,0	1,00	1,5	483	1230	39,2 %
2	14,8	34	628,0	0,96	1,5	480	1230	39,0 %
3	116,7	268	628,0	0,96	1,5	618	1230	50,2 %
4	138,7	319	628,0	0,98	1,5	754	1230	61,3 %
5	160,7	370	628,0	0,97	1,5	861	1230	70,0 %
6	58,7	135	628,0	0,97	1,5	480	1230	39,0 %
7	-43,2	99	628,0	1,00	1,5	480	1230	39,0 %
8	-65,1	150	628,0	1,00	1,5	480	1230	39,0 %

**Note 1:** The reinforcement of base structure should correspond to the bolts' bonding strength.

**Note 2:** Where factor  $\alpha_3 < 1$ , the actual area of selected transverse reinforcement directly affects required lap length of anchor bolt.

**Note 3:** The final arrangement of designed transverse reinforcement should be checked with respect to constrictive provisions of paragraph 8.7.4 of EN 1992-1-1.

**Note 4:** Shear Load: Concrete edge failure in case of straight anchor bolts (type P) should be checked and estimated manually !

**2.190 pav.** Plieninės mazgo dalies patikrinimas (1 apkrovimo variantas)

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
199	267	0

Transverse reinforcement in the lap zone

Reinforcement  
Plane View

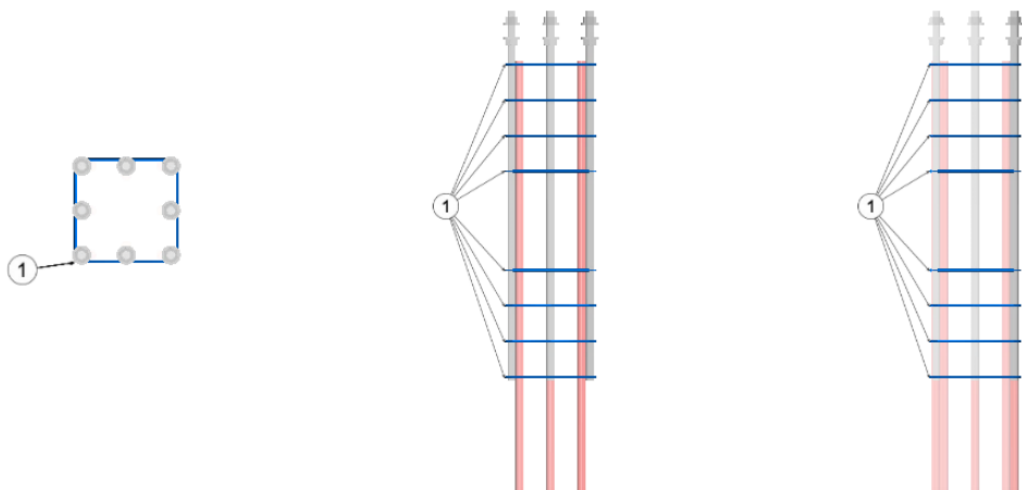
X"-axis view

B500B  
Y"-axis view

Version 2.6.2

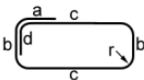
SS2407\_Kraštinės kolonos\_2025-10-19.pddb

2025-10-19



Pos	Bending Type	ø [mm]	a [mm]	b [mm]	c [mm]	d [mm]	r [mm]	L [mm]	pcs	[kg]/ pcs	[kg]
1	C	10	120	352	352	120	20	1 548	8	0,96	7,64
Total weight :7,64											

Bending Type C



2.191 pav. Inkaravimo zonos armavimas

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	200	267	0

### 2.13.6 Surenkamų gelžbetoninių (kraštinių kolonų) ir pamato jungties skaičiavimų rezultatai

Kolonos – pamato jungties skaičiavimas (kraštinės kolonos)

#### Summary

Name	Stage	#	Load Case	Page No.	Max Utilization	Status
Column 1	Final	1	Nd=-274,0, Mxd=-40,0, Myd=-174,0, Vxd=161,0, Vyd=-25,0	5	77%	OK

**2.192 pav.** Kraštinių kolonų – pamatų jungčių skaičiavimų rezultatai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	201	267	0

## 2.13.7 Surenkamų gelžbetoninių (šoninių kolonų) ir pamato jungties skaičiavimas

Kolonos – pamato jungties skaičiavimas (šoninės kolonos)

### Column 1

Note:

Number of Columns: 1

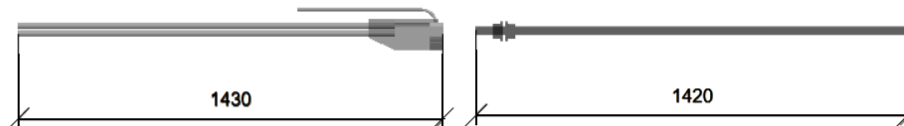
#### Peikko Products

Column Shoes: 8 x HPKM30

Bolts: 8 x HPM30P

Totals

Product	Amount
HPKM30	8
HPM30P	8



Minimum required torque value of nuts :  $T_{min} = 250 \text{ Nm}$

Maximum allowed torque value of nuts :  $T_{max} = 450 \text{ Nm}$

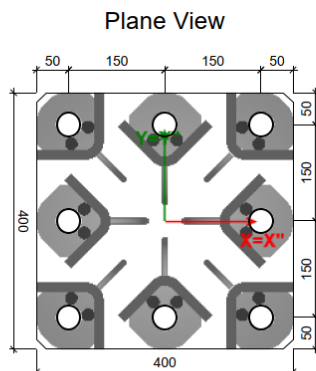
Bolt installation template: PPL30-8 (150+150)x(150+150)

#### Materials and Geometry

Column: 400x400

Concrete: C40/50

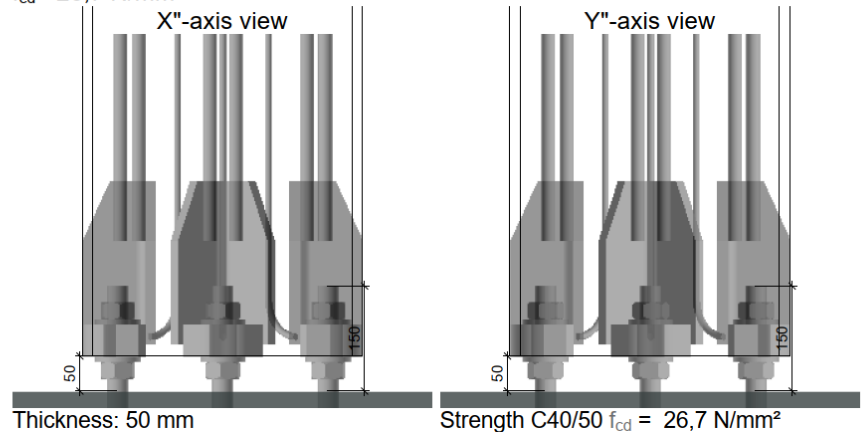
$f_{cd} = 26,7 \text{ N/mm}^2$



Grouting:

X; Y = local coordinate system of profile

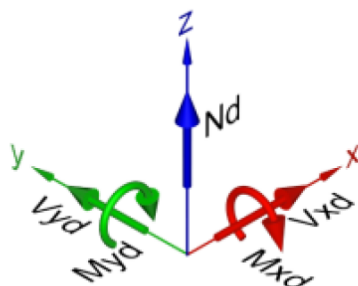
X"; Y" = local coordinate system of anchors



#### Load Cases

NOTE: Loads are defined in the local coordinate system of the profile.

(Design loads)



#### Final Stage

#	Name	$N_d$ [kN]	$M_{xd}$ [kNm]	$M_{yd}$ [kNm]	$V_{xd}$ [kN]	$V_{yd}$ [kN]
1		-319,0	-137,0	-68,0	42,0	-153,0
2		-240,0	-137,0	-68,0	42,0	-153,0

#### Erection stage

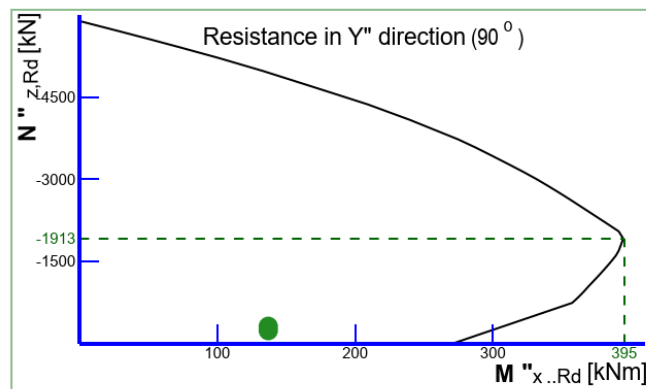
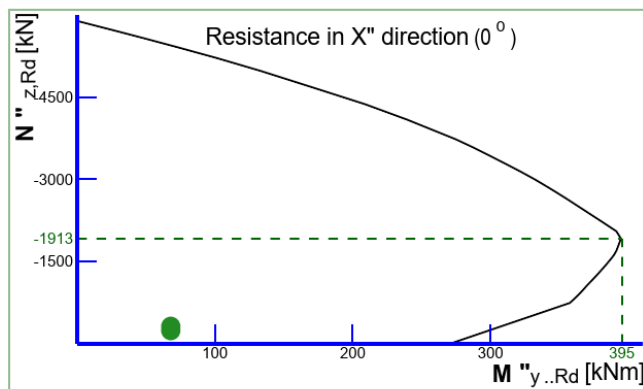
No load case for this stage defined

#### Resistance Diagrams

2.193 pav. Šoninių kolonų – pamatų jungčių parametrai

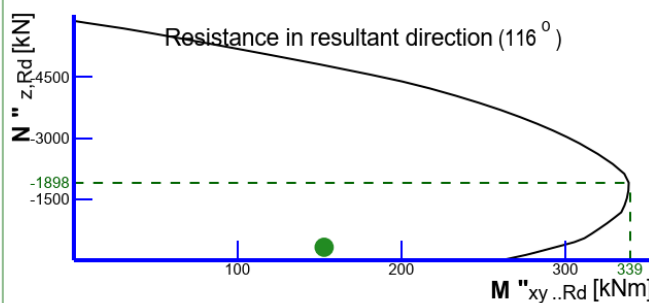
SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
202	267	0

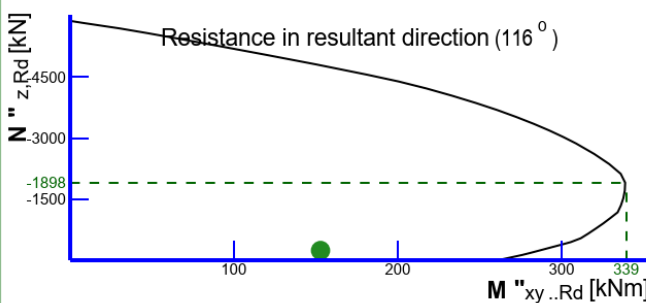


### Resultant Diagrams per Load

$N_d = -319,0$ ,  $M_{xd} = -137,0$ ,  $M_{yd} = -68,0$ ,  $V_{xd} = 42,0$ ,  $V_{yd} = -153,0$   
(loads in coordinate system of profile)  
 $N''_d = -319,0$ ,  $M''_{xd} = -137,0$ ,  $M''_{yd} = -68,0$ ,  $V''_{xd} = 42,0$ ,  $V''_{yd} = -153,0$   
(loads in coordinate system of anchors)



$N_d = -240,0$ ,  $M_{xd} = -137,0$ ,  $M_{yd} = -68,0$ ,  $V_{xd} = 42,0$ ,  $V_{yd} = -153,0$   
(loads in coordinate system of profile)  
 $N''_d = -240,0$ ,  $M''_{xd} = -137,0$ ,  $M''_{yd} = -68,0$ ,  $V''_{xd} = 42,0$ ,  $V''_{yd} = -153,0$   
(loads in coordinate system of anchors)



2.194 pav. Projektavimo diagramos

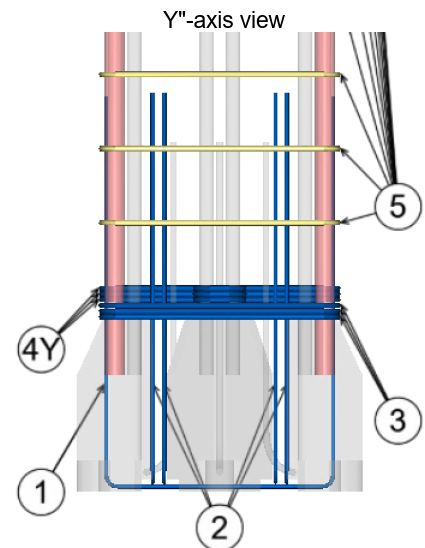
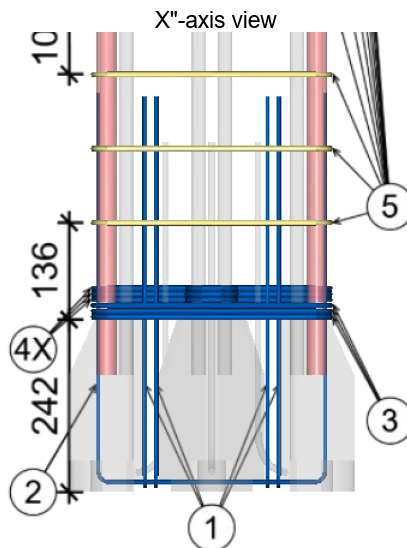
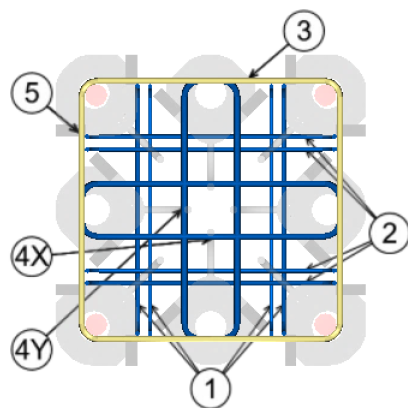


## Supplementary Column Shoe Reinforcement

Concrete Cover 30 mm  
Reinforcement B500B

$f_{yd} = 434,8 \text{ N/mm}^2$

Plane View



### Reinforcements Data

Pos	Bending Type	$\emptyset$ [mm]	a [mm]	b [mm]	c [mm]	d [mm]	r [mm]	L [mm]	pcs	[kg]/pcs	[kg]
1	B	6	550	324	550	0	12	1 400	4	0,31	1,24
2	B	6	550	324	550	0	12	1 400	4	0,31	1,24

Version 2.6.2

SS2407\_Šoninės kolonos\_2025-10-19.pddbx

2025-10-19



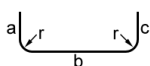
Peikko Designer: Column Connection

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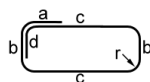
3	C	8	96	340	340	96	16	1 472	3	0,58	1,74
4Y	C	8	96	76	340	96	16	944	3	0,37	1,12
4X	C	8	96	340	76	96	16	944	3	0,37	1,12
5	C	8	96	340	340	96	16	1 472	11	0,58	6,4
										Total weight :12,87	

\* Pos. 5 is evaluated assuming good bonding strength

Bending Type B



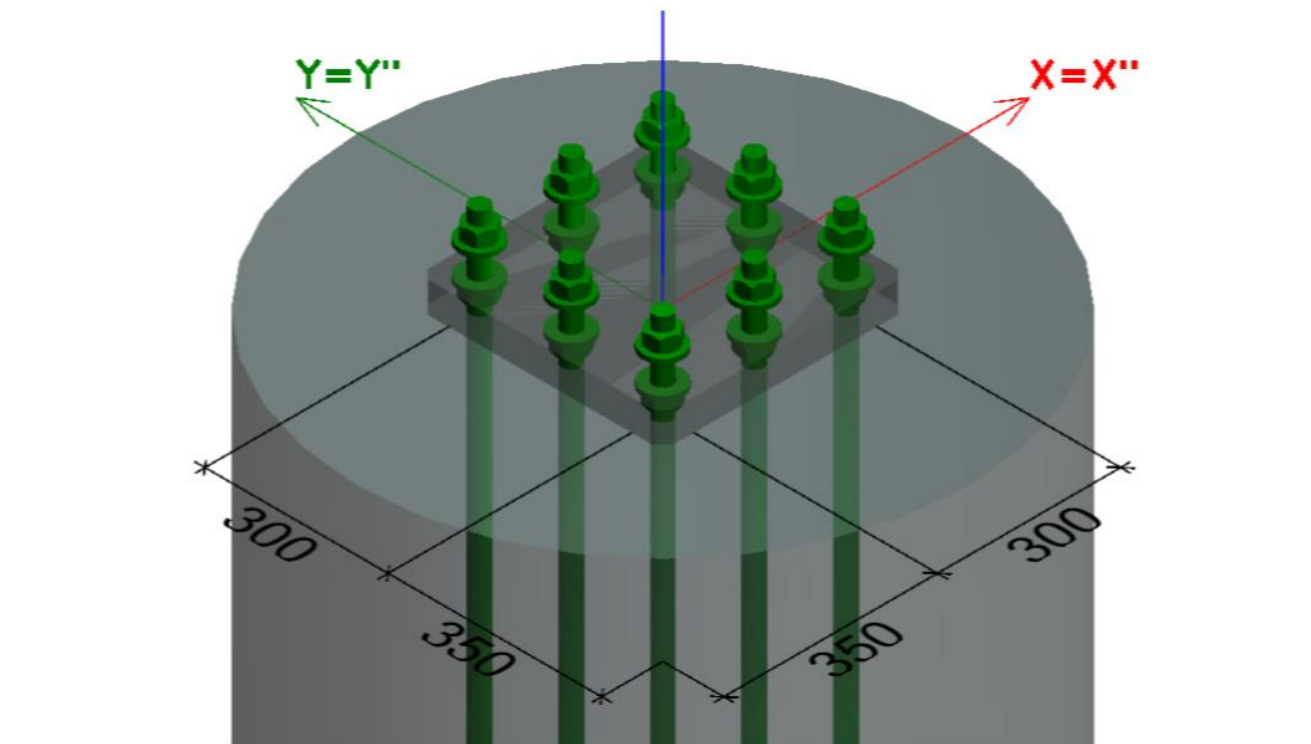
Bending Type C



2.195 pav. Papildomas armavimas

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
204	267	0



Concrete	C25/30
Uncracked	No
Aggregate size	16 mm
Footing diameter ( d )	1000 mm
Height of Footing	6000 mm
Eccentricity of bolted column ( $e_x$ )	0 mm
Eccentricity of bolted column ( $e_y$ )	0 mm

### 2.196 pav. Pamatas

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	205	267	0

## Anchor Bolts Failure Verifications

### Final Stage Bolts

**Load Case #1 :  $N_d = -319,0$ ,  $M_{xd} = -137,0$ ,  $M_{yd} = -68,0$ ,  $V_{xd} = 42,0$ ,  $V_{yd} = -153,0$**

**Steel Failure: Sufficient capacity**

**Concrete failure: Adequate splice length.**

**Concrete edge failure: Not calculated**

### Steel failure verification

Version 2.6.2

SS2407\_Šoninės kolonos\_2025-10-19.pdbbx

2025-10-19

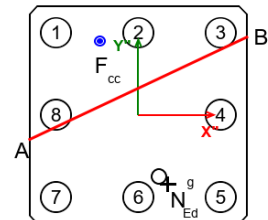


Peikko Designer: Column Connection

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Design value of normal compressive force in the column	$N_{c,Ed}$	-319	kN
Friction coefficient (between base plate and grout layer)	$C_{fd}$	0,2	
Joint friction resistance	$F_{t,Rd}$	63,8	kN
Resultant shear force	$V_{sd}$	158,66	kN
Resultant shear force taking account friction contribution	$V_{sd,f}$	94,86	kN

Neutral axis in (X"/Y") = A(-200,0 / -46,9); B(200,0 / 142,9)  
 Resultant tension force in (X"/Y") =  $N^g_{Ed}(55,0/-124,9)$   
 Resultant compression force (concrete) in (X"/Y") =  $F_{cc}(-69,9/134,5)$



Bolt Pos.	Acting axial force [kN]	Design tension resistance [kN]	Axial capacity usage [%]	Acting shear force [kN]	Design shear resistance [kN]	Shear capacity usage [%]	Interaction [%]
1	-87,5	220,4	39,7	0,0	71,6	0,0	n/r
2	-51,5	220,4	23,4	0,0	71,6	0,0	n/r
3	-15,6	220,4	7,1	15,8	71,6	22,1	n/r
4	60,2	220,4	27,3	15,8	71,6	22,1	41,6
5	135,9	220,4	61,7	15,8	71,6	22,1	66,1
6	100,0	220,4	45,4	15,8	71,6	22,1	54,5
7	64,1	220,4	29,1	15,8	71,6	22,1	42,8
8	-11,7	220,4	5,3	15,8	71,6	22,1	n/r

### Anchorage By Splicing Adequate splice length.

Bolt Pos.	Acting axial force [kN]	Required minimum area of stirrups [mm <sup>2</sup> ]	Actual area of stirrups [mm <sup>2</sup> ]	The stirrup confinement effectiveness factor $\alpha_3$ [-]	Splice factor $\alpha_6$ [-]	Required lap length [mm]	Current lap length [mm]	Usage of lap length [%]
1	-87,5	201	628,0	1,00	1,5	484	1230	39,4 %
2	-51,5	118	628,0	1,00	1,5	480	1230	39,0 %
3	-15,6	36	628,0	1,00	1,5	480	1230	39,0 %
4	60,2	138	628,0	0,97	1,5	480	1230	39,0 %
5	135,9	313	628,0	0,96	1,5	724	1230	58,8 %
6	100,0	230	628,0	0,98	1,5	540	1230	43,9 %
7	64,1	147	628,0	0,94	1,5	480	1230	39,0 %
8	-11,7	27	628,0	1,00	1,5	480	1230	39,0 %

**Note 1:** The reinforcement of base structure should correspond to the bolts' bonding strength.

**Note 2:** Where factor [ $\alpha_3 < 1$ ], the actual area of selected transverse reinforcement directly affects required lap length of anchor bolt.

**Note 3:** The final arrangement of designed transverse reinforcement should be checked with respect to constrictive provisions of paragraph 8.7.4 of EN 1992-1-1.

**Note 4:** Shear Load: Concrete edge failure in case of straight anchor bolts (type P) should be checked and estimated manually !

**2.197 pav.** Plieninės mazgo dalies patikrinimas (1 apkrovimo variantas)

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
206	267	0

Load Case #2 :  $N_d = -240,0$ ,  $M_{xd} = -137,0$ ,  $M_{yd} = -68,0$ ,  $V_{xd} = 42,0$ ,  $V_{yd} = -153,0$

Steel Failure: Sufficient capacity

Concrete failure: Adequate splice length.

Concrete edge failure: Not calculated

#### Steel failure verification

Version 2.6.2

SS2407\_Šoninės kolonos\_2025-10-19.pddb

2025-10-19



Peikko Designer: Column Connection

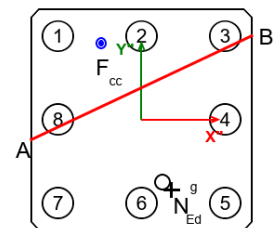
Page 7 of 9

Design value of normal compressive force in the column	$N_{c,Ed}$	-240	kN
Friction coefficient (between base plate and grout layer)	$C_{fd}$	0,2	
Joint friction resistance	$F_{t,Rd}$	48	kN
Resultant shear force	$V_{sd}$	158,66	kN
Resultant shear force taking account friction contribution	$V_{sd,f}$	110,66	kN

Neutral axis in (X"/Y") = A(-200,0 / -36,6); B(200,0 / 150,7)

Resultant tension force in (X"/Y") =  $N^g_{Ed}(53,7/-124,5)$

Resultant compression force (concrete) in (X"/Y") =  $F_{cc}(-72,4/137,1)$



Bolt Pos.	Acting axial force [kN]	Design tension resistance [kN]	Axial capacity usage [%]	Acting shear force [kN]	Design shear resistance [kN]	Shear capacity usage [%]	Interaction [%]
1	-86,2	220,4	39,1	0,0	71,6	0,0	n/r
2	-49,1	220,4	22,3	0,0	71,6	0,0	n/r
3	-12,0	220,4	5,4	18,4	71,6	25,8	n/r
4	67,2	220,4	30,5	18,4	71,6	25,8	47,5
5	146,4	220,4	66,4	18,4	71,6	25,8	73,2
6	109,3	220,4	49,6	18,4	71,6	25,8	61,2
7	72,2	220,4	32,8	18,4	71,6	25,8	49,2
8	-6,96	220,4	3,2	18,4	71,6	25,8	n/r

#### Anchorage By Splicing Adequate splice length.

Bolt Pos.	Acting axial force [kN]	Required minimum area of stirrups [mm <sup>2</sup> ]	Actual area of stirrups [mm <sup>2</sup> ]	The stirrup confinement effectiveness factor $\alpha_3$ [-]	Splice factor $\alpha_6$ [-]	Required lap length [mm]	Current lap length [mm]	Usage of lap length [%]
1	-86,2	198	628,0	1,00	1,5	480	1230	39,0 %
2	-49,1	113	628,0	1,00	1,5	480	1230	39,0 %
3	-12,0	28	628,0	1,00	1,5	480	1230	39,0 %
4	67,2	155	628,0	0,97	1,5	480	1230	39,0 %
5	146,4	337	628,0	0,96	1,5	782	1230	63,6 %
6	109,3	251	628,0	0,98	1,5	591	1230	48,1 %
7	72,2	166	628,0	0,94	1,5	480	1230	39,0 %
8	-6,96	16	628,0	1,00	1,5	480	1230	39,0 %

**Note 1:** The reinforcement of base structure should correspond to the bolts' bonding strength.

**Note 2:** Where factor  $[\alpha_3 < 1]$ , the actual area of selected transverse reinforcement directly affects required lap length of anchor bolt.

**Note 3:** The final arrangement of designed transverse reinforcement should be checked with respect to constrictive provisions of paragraph 8.7.4 of EN 1992-1-1.

**Note 4:** Shear Load: Concrete edge failure in case of straight anchor bolts (type P) should be checked and estimated manually !

2.198 pav. Plieninės mazgo dalies patikrinimas (2 apkrovimo variantas)

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
207	267	0

## Transverse reinforcement in the lap zone

Reinforcement  
Plane View

X"-axis view

B500B  
Y"-axis view

Version 2.6.2

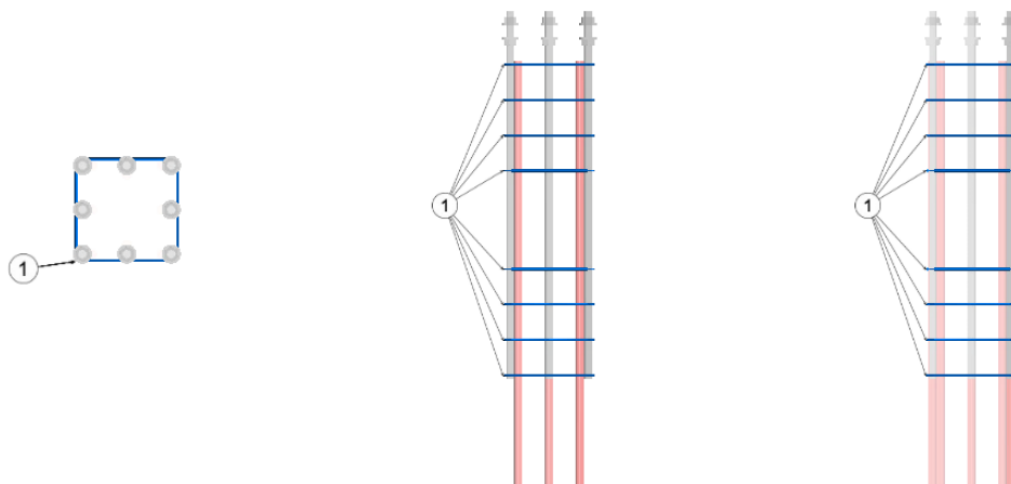
SS2407\_Šoninės kolonos\_2025-10-19.pddbx

2025-10-19



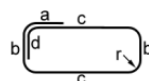
Peikko Designer: Column Connection

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Pos	Bending Type	ø [mm]	a [mm]	b [mm]	c [mm]	d [mm]	r [mm]	L [mm]	pcs	[kg]/ pcs	[kg]
1	C	10	120	352	352	120	20	1 548	8	0,96	7,64
Total weight :7,64											

Bending Type C



**2.199 pav.** Inkaravimo zonos armavimas

SS2407-01-TP-SK.IS

Lapas	Lapų	Laida
208	267	0

### 2.13.8 Surenkamų gelžbetoninių (šoninių kolonų) ir pamato jungties skaičiavimų rezultatai

#### Summary

Name	Stage	#	Load Case	Page No.	Max Utilization	Status
Column 1	Final	1	Nd=-319,0, Mxd=-137,0, Myd=-68,0, Vxd=42,0, Vyd=-153,0	5	66%	OK
	Final	2	Nd=-240,0, Mxd=-137,0, Myd=-68,0, Vxd=42,0, Vyd=-153,0	6	73%	OK

**2.200 pav.** Šoninių kolonų – pamatų jungčių skaičiavimų rezultatai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	209	267	0

## 2.13.9 Surenkamų gelžbetoninių (centrinių kolonų) ir pamato jungties skaičiavimas

Kolonos – pamato jungties skaičiavimas (centrinės kolonos)

### Column 1

Note:

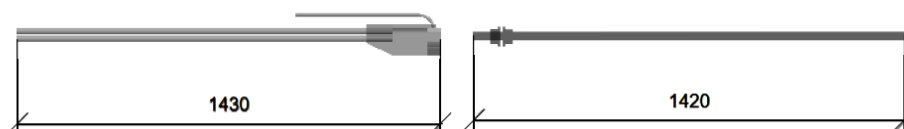
Number of Columns: 1

#### Peikko Products

Column Shoes: 4 x HPKM30

Bolts: 4 x HPM30P

Product	Amount
HPKM30	4
HPM30P	4



Minimum required torque value of nuts :  $T_{\min} = 250 \text{ Nm}$

Maximum allowed torque value of nuts :  $T_{\max} = 450 \text{ Nm}$

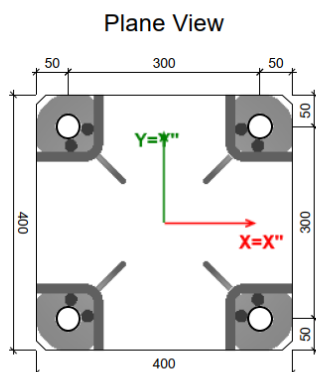
Bolt installation template: PPL30-4 300x300

#### Materials and Geometry

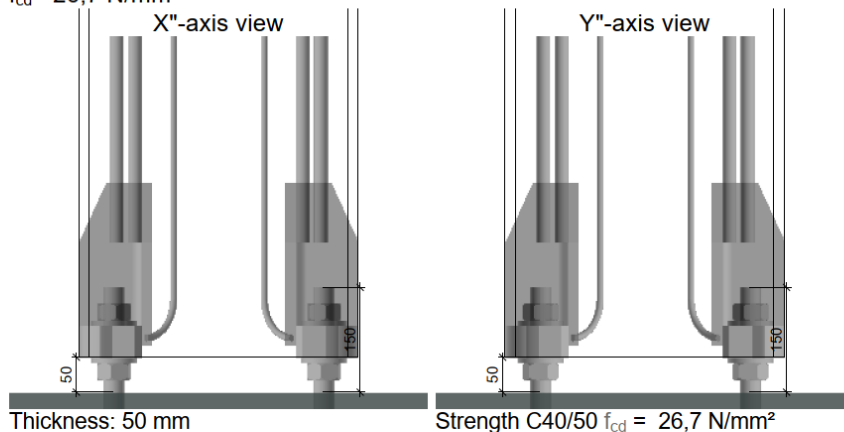
Column: 400x400

Concrete: C40/50

$f_{cd} = 26,7 \text{ N/mm}^2$



Grouting:



X; Y = local coordinate system of profile

X''; Y'' = local coordinate system of anchors

#### Load Cases

NOTE: Loads are defined in the local coordinate system of the profile.

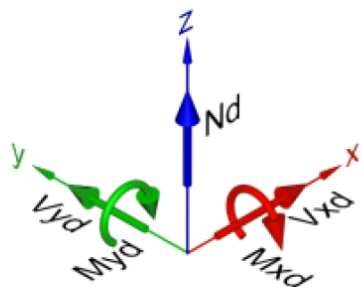
(Design loads)

#### Final Stage

#	Name	$N_d$ [kN]	$M_{xd}$ [kNm]	$M_{yd}$ [kNm]	$V_{xd}$ [kN]	$V_{yd}$ [kN]
1		-166,0	-11,0	-60,0	9,0	-1,5
2		-176,0	-11,0	-60,0	9,0	-1,5

#### Erection stage

No load case for this stage defined



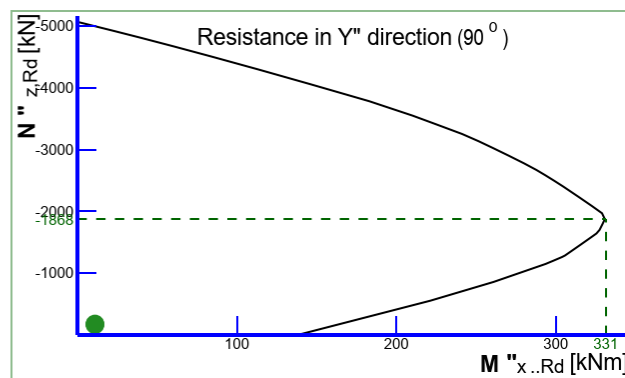
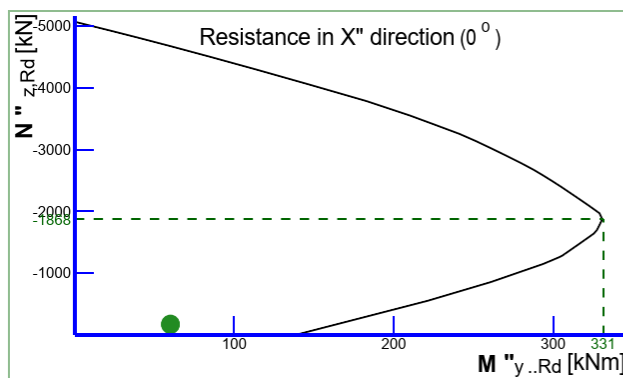
#### Resistance Diagrams

2.201 pav. Centrinių kolonų – pamatų jungčių parametrai

SS2407-01-TP-SK.IS

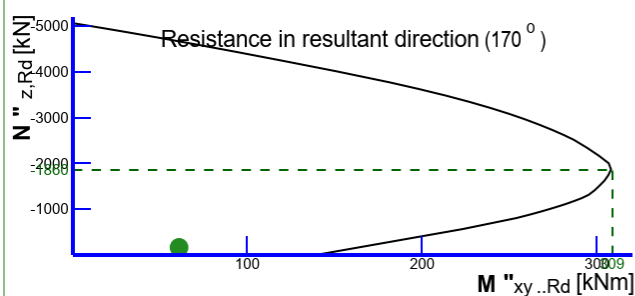
Lapas	Lapų	Laida
210	267	0



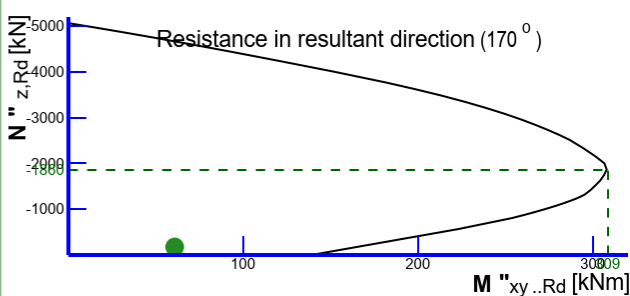


#### Resultant Diagrams per Load

$N_d = -166,0$ ,  $M_{xd} = -11,0$ ,  $M_{yd} = -60,0$ ,  $V_{xd} = 9,0$ ,  $V_{yd} = -1,5$   
 (loads in coordinate system of profile)  
 $N''_d = -166,0$ ,  $M''_{xd} = -11,0$ ,  $M''_{yd} = -60,0$ ,  $V''_{xd} = 9,0$ ,  $V''_{yd} = -1,5$   
 (loads in coordinate system of anchors)



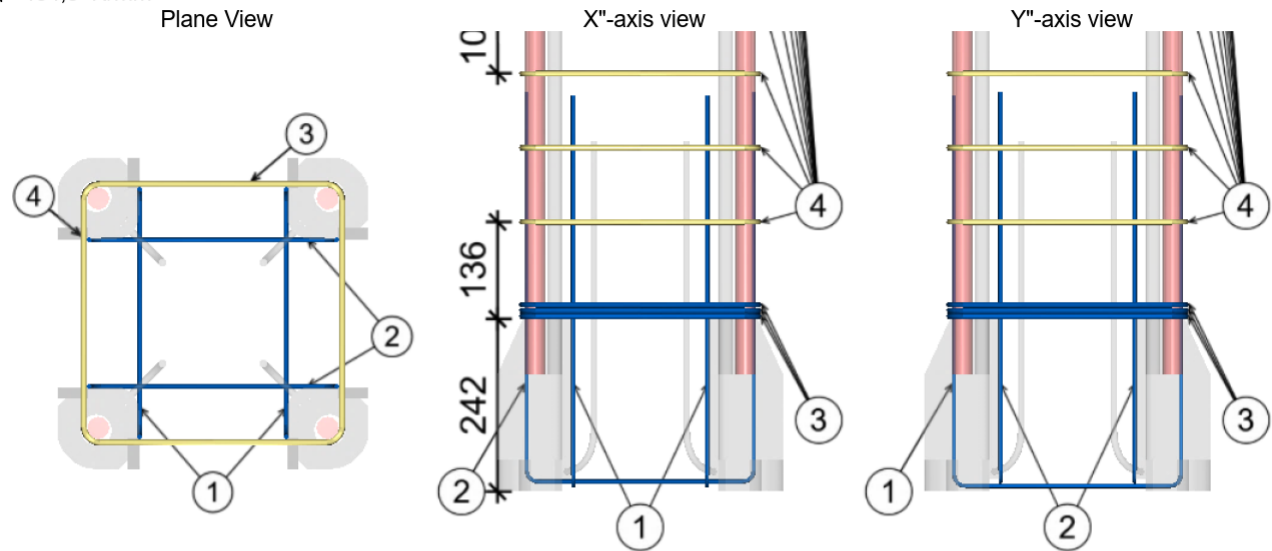
$N_d = -176,0$ ,  $M_{xd} = -11,0$ ,  $M_{yd} = -60,0$ ,  $V_{xd} = 9,0$ ,  $V_{yd} = -1,5$   
 (loads in coordinate system of profile)  
 $N''_d = -176,0$ ,  $M''_{xd} = -11,0$ ,  $M''_{yd} = -60,0$ ,  $V''_{xd} = 9,0$ ,  $V''_{yd} = -1,5$   
 (loads in coordinate system of anchors)



2.202 pav. Projektavimo diagramos

Supplementary Column Shoe Reinforcement

Concrete Cover 30 mm  
Reinforcement B500B  
 $f_{yd}= 434,8 \text{ N/mm}^2$

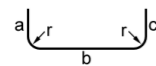


Reinforcements Data

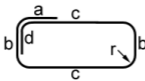
Pos	Bending Type	$\varnothing$ [mm]	a [mm]	b [mm]	c [mm]	d [mm]	r [mm]	L [mm]	pcs	[kg]/pcs	[kg]
1	B	6	550	324	550	0	12	1 400	2	0,31	0,62
2	B	6	550	324	550	0	12	1 400	2	0,31	0,62

<div>peikko group</div> <div>Peikko Designer: Column Connection</div> <div>Page 5 of 9</div>											
3	C	8	96	340	340	96	16	1 472	3	0,58	1,74
4	C	8	96	340	340	96	16	1 472	11	0,58	6,4
										Total weight :9,39	

Bending Type B



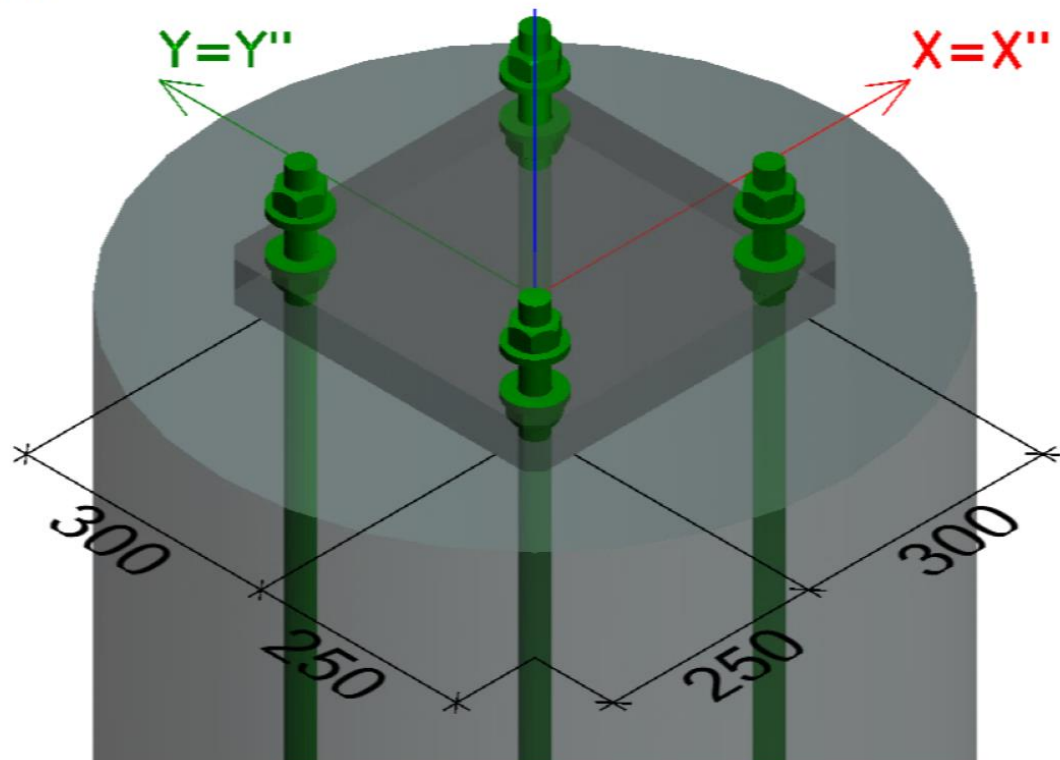
Bending Type C



2.203 pav. Papildomas armavimas

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	212	267	0

---

**Base Structure**

Concrete  
Uncracked  
Aggregate size  
Footing diameter ( d )  
Height of Footing  
Eccentricity of bolted column (  $e_x$  )  
Eccentricity of bolted column (  $e_y$  )

C25/30  
No  
16 mm  
800 mm  
6000 mm  
0 mm  
0 mm

---

**2.204 pav. Pamatas**

## Anchor Bolts Failure Verifications

### Final Stage Bolts

Load Case #1 :  $N_d = -166,0$ ,  $M_{xd} = -11,0$ ,  $M_{yd} = -60,0$ ,  $V_{xd} = 9,0$ ,  $V_{yd} = -1,5$

Steel Failure: Sufficient capacity

Concrete failure: Adequate splice length.

Concrete edge failure: Not calculated

### Steel failure verification

Version 2.6.2

SS2407\_Centrinės kolonos\_2025-10-19.pddb

2025-10-19

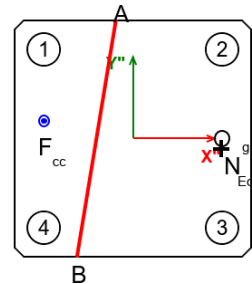


Peikko Designer: Column Connection

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Design value of normal compressive force in the column	$N_{c,Ed}$	-166	kN
Friction coefficient (between base plate and grout layer)	$C_{fd}$	0,2	
Joint friction resistance	$F_{f,Rd}$	33,2	kN
Resultant shear force	$V_{sd}$	9,12	kN
Resultant shear force taking account friction contribution	$V_{sd,f}$	0	kN

Neutral axis in (X"/Y") = A(-28,7 / 200,0); B(-93,3 / -200,0)  
 Resultant tension force in (X"/Y") =  $N_{Ed}(150,0/-17,2)$   
 Resultant compression force (concrete) in (X"/Y") =  $F_{cc}(-150,0/29,6)$



Bolt Pos.	Acting axial force [kN]	Design tension resistance [kN]	Axial capacity usage [%]	Acting shear force [kN]	Design shear resistance [kN]	Shear capacity usage [%]	Interaction [%]
1	-31,5	220,4	14,3	0,0	71,6	0,0	n/r
2	51,9	220,4	23,5	0,0	71,6	0,0	n/r
3	65,4	220,4	29,7	0,0	71,6	0,0	n/r
4	-18,0	220,4	8,2	0,0	71,6	0,0	n/r

### Anchorage By Splicing Adequate splice length.

Bolt Pos.	Acting axial force [kN]	Required minimum area of stirrups [mm <sup>2</sup> ]	Actual area of stirrups [mm <sup>2</sup> ]	The stirrup confinement effectiveness factor $\alpha_3$ [-]	Splice factor $\alpha_6$ [-]	Required lap length [mm]	Current lap length [mm]	Usage of lap length [%]
1	-31,5	72	628,0	1,00	1,5	480	1230	39,0 %
2	51,9	119	628,0	0,94	1,5	480	1230	39,0 %
3	65,4	150	628,0	0,94	1,5	480	1230	39,0 %
4	-18,0	41	628,0	1,00	1,5	480	1230	39,0 %

**Note 1:** The reinforcement of base structure should correspond to the bolts' bonding strength.

**Note 2:** Where factor  $[\alpha_3 < 1]$ , the actual area of selected transverse reinforcement directly affects required lap length of anchor bolt.

**Note 3:** The final arrangement of designed transverse reinforcement should be checked with respect to constructive provisions of paragraph 8.7.4 of EN 1992-1-1.

**Note 4:** Shear Load: Concrete edge failure in case of straight anchor bolts (type P) should be

**2.205 pav.** Plėninės mazgo dalies patikrinimas (1 apkrovimo variantas)

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Lapas	Lapų	Laida
214	267	0

**Load Case #2 :  $N_d=-176,0$ ,  $M_{xd}=-11,0$ ,  $M_{yd}=-60,0$ ,  $V_{xd}=9,0$ ,  $V_{yd}=-1,5$**

**Steel Failure: Sufficient capacity**

**Concrete failure: Adequate splice length.**

**Concrete edge failure: Not calculated**

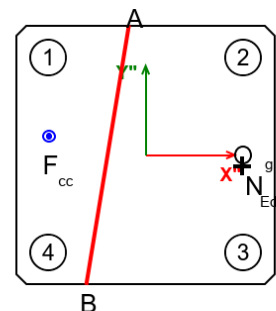
#### Steel failure verification

Design value of normal compressive force in the column	$N_{c,Ed}$	-176	kN
Friction coefficient (between base plate and grout layer)	$C_{fd}$	0,2	
Joint friction resistance	$F_{f,Rd}$	35,2	kN
Resultant shear force	$V_{sd}$	9,12	kN
Resultant shear force taking account friction contribution	$V_{sd,f}$	0	kN

Neutral axis in (X"/Y") = A(-25,7 / 200,0); B(-90,3 / -200,0)

Resultant tension force in (X"/Y") =  $N^g_{Ed}(150,0/-17,5)$

Resultant compression force (concrete) in (X"/Y") =  $F_{cc}(-148,9/28,9)$



Bolt Pos.	Acting axial force [kN]	Design tension resistance [kN]	Axial capacity usage [ % ]	Acting shear force [kN]	Design shear resistance [kN]	Shear capacity usage [ % ]	Interaction [ % ]
1	-31,6	220,4	14,3	0,0	71,6	0,0	n/r
2	50,0	220,4	22,7	0,0	71,6	0,0	n/r
3	63,2	220,4	28,7	0,0	71,6	0,0	n/r
4	-18,4	220,4	8,4	0,0	71,6	0,0	n/r

#### Anchorage By Splicing **Adequate splice length.**

Bolt Pos.	Acting axial force [kN]	Required minimum area of stirrups [mm <sup>2</sup> ]	Actual area of stirrups [mm <sup>2</sup> ]	The stirrup confinement effectiveness factor $\alpha_3$ [-]	Splice factor $\alpha_6$ [-]	Required lap length [mm]	Current lap length [mm]	Usage of lap length [ % ]
1	-31,6	73	628,0	1,00	1,5	480	1230	39,0 %
2	50,0	115	628,0	0,94	1,5	480	1230	39,0 %
3	63,2	145	628,0	0,94	1,5	480	1230	39,0 %
4	-18,4	42	628,0	1,00	1,5	480	1230	39,0 %

**Note 1:** The reinforcement of base structure should correspond to the bolts' bonding strength.

**Note 2:** Where factor  $[\alpha_3 < 1]$ , the actual area of selected transverse reinforcement directly affects required lap length of anchor bolt.

**Note 3:** The final arrangement of designed transverse reinforcement should be checked with respect to constrictive provisions of paragraph 8.7.4 of EN 1992-1-1.

**Note 4:** Shear Load: Concrete edge failure in case of straight anchor bolts (type P) should be checked and estimated manually !

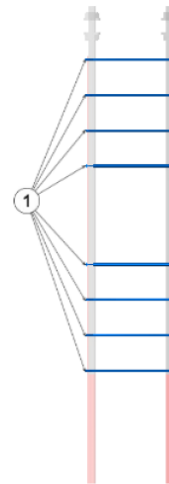
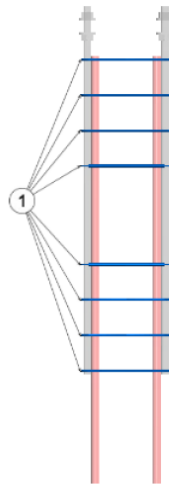
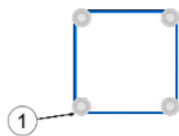
**2.206 pav.** Plieninės mazgo dalies patikrinimas (2 apkrovimo variantas)

## Transverse reinforcement in the lap zone

Reinforcement  
Plane View

X"-axis view

B500B  
Y"-axis view



Pos	Bending Type	ø [mm]	a [mm]	b [mm]	c [mm]	d [mm]	r [mm]	L [mm]	pcs	[kg]/ pcs	[kg]
1	C	10	120	352	352	120	20	1 548	8	0,96	7,64
Total weight :7,64											

Bending Type C

Version 2.6.2

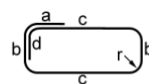
SS2407\_Centrinės kolonos\_2025-10-19.pddb

2025-10-19



Peikko Designer: Column Connection

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**2.207 pav.** Inkaravimo zonos armavimas

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Lapas	Lapų	Laida
216	267	0

### 2.13.10 Surenkamų gelžbetoninių (centrinių kolonų) ir pamato jungties skaičiavimų rezultatai

#### Summary

Name	Stage	#	Load Case	Page No.	Max Utilization	Status
Column 1	Final	1	Nd=-166,0, Mxd=-11,0, Myd=-60,0, Vxd=9,0, Vyd=-1,5	5	39%	OK
	Final	2	Nd=-176,0, Mxd=-11,0, Myd=-60,0, Vxd=9,0, Vyd=-1,5	6	39%	OK

#### 2.208 pav. Centrinių kolonų – pamatų jungčių skaičiavimų rezultatai

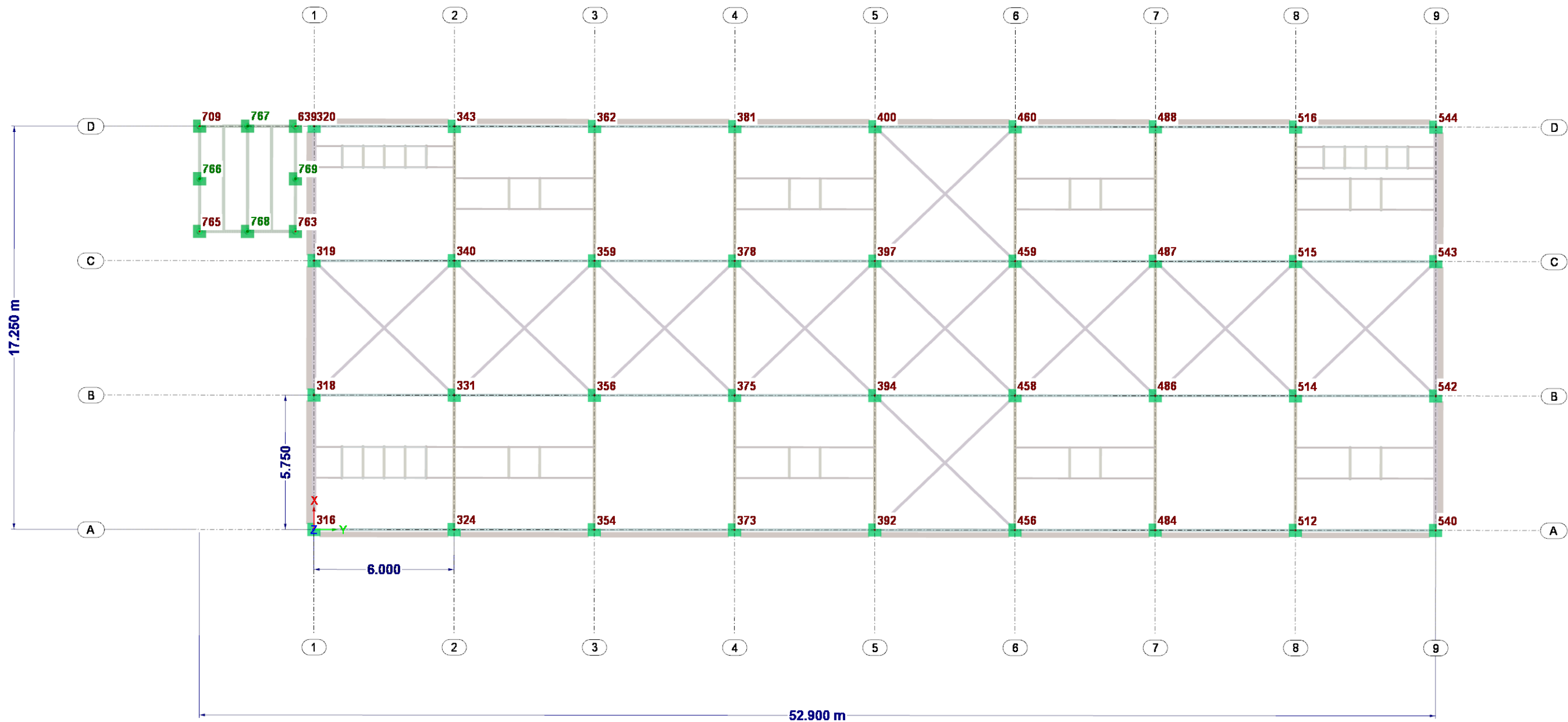
SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	217	267	0



2.14 Pamatų projektavimas

2.14.1 Atraminės reakcijos

Atraminės reakcijos pateikiamos skaitiniu būdu [kN]



2.209 pav. Pastato pamatų atramų numeriai

Lentelėje pateikiamos atraminės reakcijos į pamatus nuo tinkamumo ribinių būvių derinių (charakteristinių)

Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
316	Max P <sub>x</sub>	<b>-20.56</b>	-40.26	127.72	-27.49	-24.12	0.04	CO 29
	Min P <sub>x</sub>	<b>-80.64</b>	-77.58	151.82	-37.14	44.18	1.46	CO 34
	Max P <sub>y</sub>	-31.34	<b>-30.95</b>	150.35	-4.50	7.53	0.63	CO 37
	Min P <sub>y</sub>	-62.06	<b>-81.64</b>	135.26	-48.90	-1.23	0.87	CO 31
	Max P <sub>z</sub>	-72.83	-72.34	<b>157.89</b>	-25.92	30.44	1.46	CO 38
	Min P <sub>z</sub>	-20.56	-40.26	<b>127.72</b>	-27.49	-24.12	0.04	CO 29
	Max M <sub>x</sub>	-31.34	-30.95	150.35	<b>-4.50</b>	7.53	0.63	CO 37
	Min M <sub>x</sub>	-62.06	-81.64	135.26	<b>-48.90</b>	-1.23	0.87	CO 31
	Max M <sub>y</sub>	-80.64	-77.58	151.82	-37.14	<b>44.18</b>	1.46	CO 34
	Min M <sub>y</sub>	-20.56	-40.26	127.72	-27.49	<b>-24.12</b>	0.04	CO 29
	Max M <sub>z</sub>	-72.38	-72.34	141.82	-25.96	29.09	<b>1.47</b>	CO 23
	Min M <sub>z</sub>	-20.89	-40.25	138.97	-27.47	-23.20	<b>0.03</b>	CO 35
318	Max P <sub>x</sub>	<b>25.95</b>	-115.05	83.43	-95.64	-44.71	-0.29	CO 31
	Min P <sub>x</sub>	<b>-1.90</b>	-48.60	157.94	-41.91	3.03	-0.03	CO 36
	Max P <sub>y</sub>	-1.04	<b>-40.61</b>	138.64	-23.87	1.45	-0.04	CO 22
	Min P <sub>y</sub>	25.71	<b>-115.13</b>	103.80	-96.21	-44.26	-0.29	CO 33
	Max P <sub>z</sub>	-1.43	-95.50	<b>181.09</b>	-64.69	2.49	-0.04	CO 38
	Min P <sub>z</sub>	25.84	-60.26	<b>70.45</b>	-55.65	-44.82	-0.30	CO 29
	Max M <sub>x</sub>	-1.04	-40.61	138.64	<b>-23.87</b>	1.45	-0.04	CO 22
	Min M <sub>x</sub>	25.71	-115.13	103.80	<b>-96.21</b>	-44.26	-0.29	CO 33
	Max M <sub>y</sub>	-1.84	-103.39	171.04	-81.94	<b>3.23</b>	-0.03	CO 34
	Min M <sub>y</sub>	25.84	-60.26	70.45	-55.65	<b>-44.82</b>	-0.30	CO 29
	Max M <sub>z</sub>	-1.84	-103.39	171.04	-81.94	3.23	<b>-0.03</b>	CO 34
	Min M <sub>z</sub>	25.84	-60.26	70.45	-55.65	-44.82	<b>-0.30</b>	CO 29
319	Max P <sub>x</sub>	<b>29.22</b>	-116.31	228.44	-104.65	-47.83	0.27	CO 33
	Min P <sub>x</sub>	<b>0.41</b>	-48.18	132.19	-40.41	-0.40	0.04	CO 30
	Max P <sub>y</sub>	1.08	<b>-40.59</b>	136.40	-23.82	-1.56	0.04	CO 22
	Min P <sub>y</sub>	29.22	<b>-116.31</b>	228.44	-104.65	-47.83	0.27	CO 33
	Max P <sub>z</sub>	29.22	-116.31	<b>228.44</b>	-104.65	-47.83	0.27	CO 33
	Min P <sub>z</sub>	0.41	-48.18	<b>132.19</b>	-40.41	-0.40	0.04	CO 30
	Max M <sub>x</sub>	1.08	-40.59	136.40	<b>-23.82</b>	-1.56	0.04	CO 22
	Min M <sub>x</sub>	29.22	-116.31	228.44	<b>-104.65</b>	-47.83	0.27	CO 33
	Max M <sub>y</sub>	0.41	-48.18	132.19	-40.41	<b>-0.40</b>	0.04	CO 30
	Min M <sub>y</sub>	29.22	-116.31	228.44	-104.65	<b>-47.83</b>	0.27	CO 33
	Max M <sub>z</sub>	28.90	-116.23	209.42	-104.04	-47.17	<b>0.27</b>	CO 31
	Min M <sub>z</sub>	0.65	-48.25	151.01	-40.99	-0.91	<b>0.04</b>	CO 36
320	Max P <sub>x</sub>	<b>80.38</b>	-84.56	152.28	-44.47	-48.76	-1.80	CO 33
	Min P <sub>x</sub>	<b>30.90</b>	-31.05	133.39	-4.42	-6.19	-0.66	CO 22
	Max P <sub>y</sub>	30.90	<b>-31.05</b>	133.39	-4.42	-6.19	-0.66	CO 22
	Min P <sub>y</sub>	80.38	<b>-84.56</b>	152.28	-44.47	-48.76	-1.80	CO 33

Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
	Max P <sub>z</sub>	72.83	-72.56	<b>158.98</b>	-25.47	-30.26	-1.53	CO 38
	Min P <sub>z</sub>	38.59	-43.04	<b>131.79</b>	-23.40	-25.04	-0.93	CO 29
	Max M <sub>x</sub>	31.40	-31.05	150.38	<b>-4.37</b>	-7.52	-0.66	CO 37
	Min M <sub>x</sub>	80.02	-84.56	140.39	<b>-44.50</b>	-47.79	-1.80	CO 31
	Max M <sub>y</sub>	30.90	-31.05	133.39	-4.42	<b>-6.19</b>	-0.66	CO 22
	Min M <sub>y</sub>	80.38	-84.56	152.28	-44.47	<b>-48.76</b>	-1.80	CO 33
	Max M <sub>z</sub>	31.40	-31.05	150.38	-4.37	-7.52	<b>-0.66</b>	CO 37
	Min M <sub>z</sub>	80.02	-84.56	140.39	-44.50	-47.79	<b>-1.80</b>	CO 31
324	Max P <sub>x</sub>	<b>-18.33</b>	2.02	129.23	-1.86	-33.27	-0.45	CO 29
	Min P <sub>x</sub>	<b>-114.19</b>	-1.33	174.26	-4.22	93.55	0.16	CO 34
	Max P <sub>y</sub>	-18.90	<b>2.03</b>	151.64	-1.94	-32.37	-0.45	CO 35
	Min P <sub>y</sub>	-113.62	<b>-1.34</b>	151.85	-4.14	92.52	0.17	CO 32
	Max P <sub>z</sub>	-100.94	-0.52	<b>186.47</b>	-0.27	69.17	0.10	CO 38
	Min P <sub>z</sub>	-18.33	2.02	<b>129.23</b>	-1.86	-33.27	-0.45	CO 29
	Max M <sub>x</sub>	-42.61	-0.29	140.09	<b>-0.05</b>	25.39	0.06	CO 22
	Min M <sub>x</sub>	-114.19	-1.33	174.26	<b>-4.22</b>	93.55	0.16	CO 34
	Max M <sub>y</sub>	-114.19	-1.33	174.26	-4.22	<b>93.55</b>	0.16	CO 34
	Min M <sub>y</sub>	-18.33	2.02	129.23	-1.86	<b>-33.27</b>	-0.45	CO 29
	Max M <sub>z</sub>	-113.62	-1.34	151.85	-4.14	92.52	<b>0.17</b>	CO 32
	Min M <sub>z</sub>	-18.90	2.03	151.64	-1.94	-32.37	<b>-0.45</b>	CO 35
331	Max P <sub>x</sub>	<b>3.12</b>	0.49	103.35	3.61	-21.92	-0.02	CO 33
	Min P <sub>x</sub>	<b>0.13</b>	-0.03	48.99	-0.19	-0.40	0.00	CO 22
	Max P <sub>y</sub>	3.04	<b>0.62</b>	36.41	4.47	-21.19	-0.02	CO 29
	Min P <sub>y</sub>	0.33	<b>-0.87</b>	110.60	-6.67	-0.97	-0.01	CO 34
	Max P <sub>z</sub>	0.26	-0.17	<b>133.48</b>	-1.32	-1.16	-0.01	CO 38
	Min P <sub>z</sub>	3.04	0.62	<b>36.41</b>	4.47	-21.19	-0.02	CO 29
	Max M <sub>x</sub>	3.04	0.62	36.41	<b>4.47</b>	-21.19	-0.02	CO 29
	Min M <sub>x</sub>	0.33	-0.87	110.60	<b>-6.67</b>	-0.97	-0.01	CO 34
	Max M <sub>y</sub>	0.21	-0.77	43.65	-5.77	<b>-0.33</b>	-0.01	CO 30
	Min M <sub>y</sub>	3.12	0.49	103.35	3.61	<b>-21.92</b>	-0.02	CO 33
	Max M <sub>z</sub>	0.13	-0.03	48.99	-0.19	-0.40	<b>0.00</b>	CO 22
	Min M <sub>z</sub>	3.12	0.49	103.35	3.61	-21.92	<b>-0.02</b>	CO 33
340	Max P <sub>x</sub>	<b>3.03</b>	-1.01	41.61	-7.20	-21.38	-0.01	CO 29
	Min P <sub>x</sub>	<b>-0.30</b>	-0.92	106.05	-6.86	1.30	0.01	CO 34
	Max P <sub>y</sub>	-0.07	<b>-0.03</b>	46.81	-0.24	0.22	0.00	CO 22
	Min P <sub>y</sub>	2.97	<b>-1.13</b>	106.23	-8.22	-21.11	0.00	CO 33
	Max P <sub>z</sub>	-0.10	-0.20	<b>128.41</b>	-1.46	0.70	0.01	CO 38
	Min P <sub>z</sub>	-0.27	-0.80	<b>41.43</b>	-5.86	0.92	0.01	CO 30
	Max M <sub>x</sub>	-0.07	-0.03	46.81	<b>-0.24</b>	0.22	0.00	CO 22
	Min M <sub>x</sub>	2.97	-1.13	106.23	<b>-8.22</b>	-21.11	0.00	CO 33
	Max M <sub>y</sub>	-0.30	-0.92	106.05	-6.86	<b>1.30</b>	0.01	CO 34
	Min M <sub>y</sub>	3.03	-1.01	41.61	-7.20	<b>-21.38</b>	-0.01	CO 29
	Max M <sub>z</sub>	-0.30	-0.92	106.05	-6.86	1.30	<b>0.01</b>	CO 34
	Min M <sub>z</sub>	3.03	-1.01	41.61	-7.20	-21.38	<b>-0.01</b>	CO 29

Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
343	Max P <sub>x</sub>	<b>115.63</b>	-0.89	174.87	0.36	-109.78	-0.16	CO 33
	Min P <sub>x</sub>	<b>42.57</b>	-0.17	139.09	-0.05	-25.15	-0.04	CO 22
	Max P <sub>y</sub>	43.41	<b>-0.14</b>	171.84	-0.18	-26.38	-0.02	CO 37
	Min P <sub>y</sub>	112.67	<b>-0.98</b>	151.38	-5.17	-88.58	-0.06	CO 32
	Max P <sub>z</sub>	100.84	-0.15	<b>187.15</b>	-0.29	-68.27	-0.02	CO 38
	Min P <sub>z</sub>	55.24	-0.97	<b>136.07</b>	-5.06	-46.71	-0.07	CO 30
	Max M <sub>x</sub>	57.62	-0.89	136.63	<b>0.56</b>	-66.91	-0.17	CO 29
	Min M <sub>x</sub>	113.26	-0.95	174.30	<b>-5.27</b>	-89.46	-0.06	CO 34
	Max M <sub>y</sub>	42.57	-0.17	139.09	-0.05	<b>-25.15</b>	-0.04	CO 22
	Min M <sub>y</sub>	115.63	-0.89	174.87	0.36	<b>-109.78</b>	-0.16	CO 33
	Max M <sub>z</sub>	100.84	-0.15	187.15	-0.29	-68.27	<b>-0.02</b>	CO 38
	Min M <sub>z</sub>	57.62	-0.89	136.63	0.56	-66.91	<b>-0.17</b>	CO 29
354	Max P <sub>x</sub>	<b>-16.96</b>	0.43	126.51	-1.67	-44.22	-0.10	CO 29
	Min P <sub>x</sub>	<b>-113.97</b>	-0.55	167.90	-4.03	95.54	0.00	CO 34
	Max P <sub>y</sub>	-16.96	<b>0.43</b>	126.51	-1.67	-44.22	-0.10	CO 29
	Min P <sub>y</sub>	-113.97	<b>-0.55</b>	167.90	-4.03	95.54	0.00	CO 34
	Max P <sub>z</sub>	-100.70	-0.08	<b>179.21</b>	-0.23	70.25	0.01	CO 38
	Min P <sub>z</sub>	-16.96	0.43	<b>126.51</b>	-1.67	-44.22	-0.10	CO 29
	Max M <sub>x</sub>	-42.52	-0.03	137.62	<b>-0.04</b>	25.90	0.00	CO 22
	Min M <sub>x</sub>	-113.97	-0.55	167.90	<b>-4.03</b>	95.54	0.00	CO 34
	Max M <sub>y</sub>	-113.97	-0.55	167.90	-4.03	<b>95.54</b>	0.00	CO 34
	Min M <sub>y</sub>	-16.96	0.43	126.51	-1.67	<b>-44.22</b>	-0.10	CO 29
	Max M <sub>z</sub>	-99.96	-0.06	150.19	-0.12	68.89	<b>0.01</b>	CO 23
	Min M <sub>z</sub>	-17.48	0.43	146.81	-1.75	-43.42	<b>-0.10</b>	CO 35
356	Max P <sub>x</sub>	<b>4.78</b>	0.46	33.96	3.32	-32.85	-0.02	CO 29
	Min P <sub>x</sub>	<b>-0.09</b>	-0.12	126.18	-0.95	-0.24	0.00	CO 38
	Max P <sub>y</sub>	4.78	<b>0.46</b>	33.96	3.32	-32.85	-0.02	CO 29
	Min P <sub>y</sub>	-0.01	<b>-0.81</b>	104.20	-6.18	0.02	0.00	CO 34
	Max P <sub>z</sub>	-0.09	-0.12	<b>126.18</b>	-0.95	-0.24	0.00	CO 38
	Min P <sub>z</sub>	4.78	0.46	<b>33.96</b>	3.32	-32.85	-0.02	CO 29
	Max M <sub>x</sub>	4.78	0.46	33.96	<b>3.32</b>	-32.85	-0.02	CO 29
	Min M <sub>x</sub>	-0.01	-0.81	104.20	<b>-6.18</b>	0.02	0.00	CO 34
	Max M <sub>y</sub>	0.00	-0.78	79.99	-5.92	<b>0.18</b>	0.00	CO 36
	Min M <sub>y</sub>	4.65	0.37	96.98	2.70	<b>-33.12</b>	-0.02	CO 33
	Max M <sub>z</sub>	-0.08	-0.09	101.97	-0.69	-0.09	<b>0.00</b>	CO 37
	Min M <sub>z</sub>	4.75	0.42	58.16	3.07	-33.07	<b>-0.02</b>	CO 31
359	Max P <sub>x</sub>	<b>5.12</b>	-0.82	103.75	-5.98	-34.22	-0.02	CO 33
	Min P <sub>x</sub>	<b>-0.25</b>	-0.77	40.49	-5.63	0.96	0.00	CO 30
	Max P <sub>y</sub>	-0.01	<b>-0.02</b>	45.87	-0.17	0.05	0.00	CO 22
	Min P <sub>y</sub>	-0.12	<b>-0.85</b>	103.53	-6.35	0.89	0.00	CO 34
	Max P <sub>z</sub>	0.14	-0.14	<b>125.54</b>	-1.06	-0.02	0.00	CO 38
	Min P <sub>z</sub>	-0.25	-0.77	<b>40.49</b>	-5.63	0.96	0.00	CO 30
	Max M <sub>x</sub>	-0.01	-0.02	45.87	<b>-0.17</b>	0.05	0.00	CO 22
	Min M <sub>x</sub>	-0.12	-0.85	103.53	<b>-6.35</b>	0.89	0.00	CO 34

Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
	Max M <sub>y</sub>	-0.18	-0.81	79.32	-6.04	<b>0.99</b>	0.00	CO 36
	Min M <sub>y</sub>	5.12	-0.82	103.75	-5.98	<b>-34.22</b>	-0.02	CO 33
	Max M <sub>z</sub>	-0.18	-0.81	79.32	-6.04	0.99	<b>0.00</b>	CO 36
	Min M <sub>z</sub>	5.12	-0.82	103.75	-5.98	-34.22	<b>-0.02</b>	CO 33
362	Max P <sub>x</sub>	<b>116.92</b>	-0.66	166.52	0.64	-123.16	-0.11	CO 33
	Min P <sub>x</sub>	<b>42.46</b>	-0.03	135.75	-0.04	-25.64	0.00	CO 22
	Max P <sub>y</sub>	42.46	<b>-0.03</b>	135.75	-0.04	-25.64	0.00	CO 22
	Min P <sub>y</sub>	116.92	<b>-0.66</b>	166.52	0.64	-123.16	-0.11	CO 33
	Max P <sub>z</sub>	100.55	-0.08	<b>177.33</b>	-0.25	-69.26	-0.01	CO 38
	Min P <sub>z</sub>	55.08	-0.62	<b>132.71</b>	-4.80	-47.61	0.01	CO 30
	Max M <sub>x</sub>	59.06	-0.61	133.64	<b>0.81</b>	-79.64	-0.11	CO 29
	Min M <sub>x</sub>	112.94	-0.66	165.57	<b>-4.98</b>	-90.92	0.00	CO 34
	Max M <sub>y</sub>	42.46	-0.03	135.75	-0.04	<b>-25.64</b>	0.00	CO 22
	Min M <sub>y</sub>	116.92	-0.66	166.52	0.64	<b>-123.16</b>	-0.11	CO 33
	Max M <sub>z</sub>	55.60	-0.62	153.05	-4.89	-48.36	<b>0.01</b>	CO 36
	Min M <sub>z</sub>	116.39	-0.65	146.17	0.72	-122.27	<b>-0.11</b>	CO 31
373	Max P <sub>x</sub>	<b>-16.14</b>	0.24	126.34	-1.48	-50.69	-0.07	CO 29
	Min P <sub>x</sub>	<b>-113.97</b>	0.02	167.91	-3.88	95.79	-0.11	CO 34
	Max P <sub>y</sub>	-16.14	<b>0.24</b>	126.34	-1.48	-50.69	-0.07	CO 29
	Min P <sub>y</sub>	-100.69	<b>-0.03</b>	179.21	-0.21	70.30	0.00	CO 38
	Max P <sub>z</sub>	-100.69	-0.03	<b>179.21</b>	-0.21	70.30	0.00	CO 38
	Min P <sub>z</sub>	-16.14	0.24	<b>126.34</b>	-1.48	-50.69	-0.07	CO 29
	Max M <sub>x</sub>	-42.51	0.02	137.62	<b>-0.03</b>	25.91	-0.01	CO 22
	Min M <sub>x</sub>	-113.97	0.02	167.91	<b>-3.88</b>	95.79	-0.11	CO 34
	Max M <sub>y</sub>	-113.97	0.02	167.91	-3.88	<b>95.79</b>	-0.11	CO 34
	Min M <sub>y</sub>	-16.14	0.24	126.34	-1.48	<b>-50.69</b>	-0.07	CO 29
	Max M <sub>z</sub>	-100.69	-0.03	179.21	-0.21	70.30	<b>0.00</b>	CO 38
	Min M <sub>z</sub>	-56.02	0.06	135.03	-3.73	51.79	<b>-0.11</b>	CO 30
375	Max P <sub>x</sub>	<b>5.94</b>	0.25	33.98	1.77	-40.36	0.00	CO 29
	Min P <sub>x</sub>	<b>-0.08</b>	-0.08	126.18	-0.63	-0.31	0.00	CO 38
	Max P <sub>y</sub>	5.94	<b>0.25</b>	33.98	1.77	-40.36	0.00	CO 29
	Min P <sub>y</sub>	0.03	<b>-0.75</b>	104.19	-5.72	-0.06	-0.01	CO 34
	Max P <sub>z</sub>	-0.08	-0.08	<b>126.18</b>	-0.63	-0.31	0.00	CO 38
	Min P <sub>z</sub>	5.94	0.25	<b>33.98</b>	1.77	-40.36	0.00	CO 29
	Max M <sub>x</sub>	5.94	0.25	33.98	<b>1.77</b>	-40.36	0.00	CO 29
	Min M <sub>x</sub>	0.03	-0.75	104.19	<b>-5.72</b>	-0.06	-0.01	CO 34
	Max M <sub>y</sub>	0.04	-0.73	79.99	-5.55	<b>0.14</b>	-0.01	CO 36
	Min M <sub>y</sub>	5.81	0.19	97.01	1.36	<b>-40.73</b>	0.00	CO 33
	Max M <sub>z</sub>	5.94	0.25	33.98	1.77	-40.36	<b>0.00</b>	CO 29
	Min M <sub>z</sub>	0.03	-0.75	104.19	-5.72	-0.06	<b>-0.01</b>	CO 34
378	Max P <sub>x</sub>	<b>6.34</b>	-0.47	103.78	-3.39	-42.12	0.01	CO 33
	Min P <sub>x</sub>	<b>-0.33</b>	-0.74	40.49	-5.43	1.28	0.01	CO 30
	Max P <sub>y</sub>	-0.01	<b>-0.01</b>	45.87	-0.11	0.03	0.00	CO 22
	Min P <sub>y</sub>	-0.20	<b>-0.79</b>	103.53	-5.90	1.18	0.01	CO 34

Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
	Max P <sub>z</sub>	0.14	-0.09	<b>125.55</b>	-0.69	-0.06	0.00	CO 38
	Min P <sub>z</sub>	-0.33	-0.74	<b>40.49</b>	-5.43	1.28	0.01	CO 30
	Max M <sub>x</sub>	-0.01	-0.01	45.87	<b>-0.11</b>	0.03	0.00	CO 22
	Min M <sub>x</sub>	-0.20	-0.79	103.53	<b>-5.90</b>	1.18	0.01	CO 34
	Max M <sub>y</sub>	-0.26	-0.77	79.32	-5.70	<b>1.32</b>	0.01	CO 36
	Min M <sub>y</sub>	6.34	-0.47	103.78	-3.39	<b>-42.12</b>	0.01	CO 33
	Max M <sub>z</sub>	6.34	-0.47	103.78	-3.39	-42.12	<b>0.01</b>	CO 33
	Min M <sub>z</sub>	-0.01	-0.01	45.87	-0.11	0.03	<b>0.00</b>	CO 22
381	Max P <sub>x</sub>	<b>117.89</b>	-0.33	166.74	0.88	-130.59	-0.08	CO 33
	Min P <sub>x</sub>	<b>42.46</b>	0.02	135.74	-0.03	-25.69	0.00	CO 22
	Max P <sub>y</sub>	42.46	<b>0.02</b>	135.74	-0.03	-25.69	0.00	CO 22
	Min P <sub>y</sub>	117.89	<b>-0.33</b>	166.74	0.88	-130.59	-0.08	CO 33
	Max P <sub>z</sub>	100.55	-0.05	<b>177.33</b>	-0.22	-69.41	0.00	CO 38
	Min P <sub>z</sub>	55.05	-0.02	<b>132.70</b>	-4.56	-47.56	0.12	CO 30
	Max M <sub>x</sub>	60.02	-0.28	133.87	<b>1.03</b>	-86.93	-0.07	CO 29
	Min M <sub>x</sub>	112.92	-0.06	165.57	<b>-4.72</b>	-90.96	0.12	CO 34
	Max M <sub>y</sub>	42.46	0.02	135.74	-0.03	<b>-25.69</b>	0.00	CO 22
	Min M <sub>y</sub>	117.89	-0.33	166.74	0.88	<b>-130.59</b>	-0.08	CO 33
	Max M <sub>z</sub>	55.05	-0.02	132.70	-4.56	-47.56	<b>0.12</b>	CO 30
	Min M <sub>z</sub>	117.89	-0.33	166.74	0.88	-130.59	<b>-0.08</b>	CO 33
392	Max P <sub>x</sub>	<b>-16.22</b>	-4.07	138.84	-6.99	-51.98	0.07	CO 29
	Min P <sub>x</sub>	<b>-114.40</b>	-17.14	205.05	-28.12	97.72	0.32	CO 34
	Max P <sub>y</sub>	-42.55	<b>-0.93</b>	140.56	-1.40	26.02	0.04	CO 22
	Min P <sub>y</sub>	-114.40	<b>-17.14</b>	205.05	-28.12	97.72	0.32	CO 34
	Max P <sub>z</sub>	-114.40	-17.14	<b>205.05</b>	-28.12	97.72	0.32	CO 34
	Min P <sub>z</sub>	-16.22	-4.07	<b>138.84</b>	-6.99	-51.98	0.07	CO 29
	Max M <sub>x</sub>	-42.55	-0.93	140.56	<b>-1.40</b>	26.02	0.04	CO 22
	Min M <sub>x</sub>	-114.40	-17.14	205.05	<b>-28.12</b>	97.72	0.32	CO 34
	Max M <sub>y</sub>	-114.40	-17.14	205.05	-28.12	<b>97.72</b>	0.32	CO 34
	Min M <sub>y</sub>	-16.22	-4.07	138.84	-6.99	<b>-51.98</b>	0.07	CO 29
	Max M <sub>z</sub>	-114.40	-17.14	205.05	-28.12	97.72	<b>0.32</b>	CO 34
	Min M <sub>z</sub>	-42.55	-0.93	140.56	-1.40	26.02	<b>0.04</b>	CO 22
394	Max P <sub>x</sub>	<b>6.78</b>	0.03	98.35	0.02	-44.96	-0.01	CO 33
	Min P <sub>x</sub>	<b>-0.25</b>	-0.69	42.39	-5.16	1.32	0.00	CO 30
	Max P <sub>y</sub>	6.70	<b>0.05</b>	35.31	0.21	-44.00	-0.01	CO 29
	Min P <sub>y</sub>	-0.13	<b>-0.70</b>	105.43	-5.35	0.63	0.00	CO 34
	Max P <sub>z</sub>	0.22	-0.04	<b>127.34</b>	-0.29	-1.16	0.00	CO 38
	Min P <sub>z</sub>	6.70	0.05	<b>35.31</b>	0.21	-44.00	-0.01	CO 29
	Max M <sub>x</sub>	6.70	0.05	35.31	<b>0.21</b>	-44.00	-0.01	CO 29
	Min M <sub>x</sub>	-0.13	-0.70	105.43	<b>-5.35</b>	0.63	0.00	CO 34
	Max M <sub>y</sub>	-0.25	-0.69	42.39	-5.16	<b>1.32</b>	0.00	CO 30
	Min M <sub>y</sub>	6.78	0.03	98.35	0.02	<b>-44.96</b>	-0.01	CO 33
	Max M <sub>z</sub>	0.22	-0.04	127.34	-0.29	-1.16	<b>0.00</b>	CO 38
	Min M <sub>z</sub>	6.70	0.05	35.31	0.21	-44.00	<b>-0.01</b>	CO 29

Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
397	Max P <sub>x</sub>	<b>7.08</b>	-0.10	41.75	-0.55	-45.58	-0.01	CO 29
	Min P <sub>x</sub>	<b>-0.16</b>	-0.04	126.69	-0.31	0.73	0.00	CO 38
	Max P <sub>y</sub>	-0.05	<b>-0.01</b>	47.02	-0.05	0.12	0.00	CO 22
	Min P <sub>y</sub>	-0.05	<b>-0.75</b>	104.77	-5.58	0.57	0.00	CO 34
	Max P <sub>z</sub>	-0.16	-0.04	<b>126.69</b>	-0.31	0.73	0.00	CO 38
	Min P <sub>z</sub>	0.03	-0.73	<b>41.73</b>	-5.37	0.15	0.00	CO 30
	Max M <sub>x</sub>	-0.05	-0.01	47.02	<b>-0.05</b>	0.12	0.00	CO 22
	Min M <sub>x</sub>	-0.05	-0.75	104.77	<b>-5.58</b>	0.57	0.00	CO 34
	Max M <sub>y</sub>	-0.11	-0.47	123.52	-3.50	<b>0.74</b>	0.00	CO 40
	Min M <sub>y</sub>	7.06	-0.11	65.96	-0.63	<b>-45.68</b>	-0.01	CO 31
	Max M <sub>z</sub>	0.03	-0.73	41.73	-5.37	0.15	<b>0.00</b>	CO 30
	Min M <sub>z</sub>	6.96	-0.13	104.78	-0.75	-45.43	<b>-0.01</b>	CO 33
400	Max P <sub>x</sub>	<b>118.03</b>	3.39	159.97	5.85	-132.71	0.02	CO 33
	Min P <sub>x</sub>	<b>42.50</b>	-0.84	138.57	-1.23	-25.81	-0.04	CO 22
	Max P <sub>y</sub>	118.03	<b>3.39</b>	159.97	5.85	-132.71	0.02	CO 33
	Min P <sub>y</sub>	55.30	<b>-18.77</b>	171.36	-30.43	-48.74	-0.25	CO 30
	Max P <sub>z</sub>	113.37	-18.75	<b>204.17</b>	-30.50	-92.81	-0.31	CO 34
	Min P <sub>z</sub>	59.97	3.26	<b>127.36</b>	5.76	-88.37	0.08	CO 29
	Max M <sub>x</sub>	118.03	3.39	159.97	<b>5.85</b>	-132.71	0.02	CO 33
	Min M <sub>x</sub>	113.37	-18.75	204.17	<b>-30.50</b>	-92.81	-0.31	CO 34
	Max M <sub>y</sub>	42.50	-0.84	138.57	-1.23	<b>-25.81</b>	-0.04	CO 22
	Min M <sub>y</sub>	118.03	3.39	159.97	5.85	<b>-132.71</b>	0.02	CO 33
	Max M <sub>z</sub>	59.97	3.26	127.36	5.76	-88.37	<b>0.08</b>	CO 29
	Min M <sub>z</sub>	113.37	-18.75	204.17	-30.50	-92.81	<b>-0.31</b>	CO 34
456	Max P <sub>x</sub>	<b>-16.04</b>	-4.95	119.53	-7.70	-51.78	0.04	CO 29
	Min P <sub>x</sub>	<b>-117.99</b>	-14.60	139.38	-23.73	103.01	-0.03	CO 34
	Max P <sub>y</sub>	-100.97	<b>1.15</b>	182.31	1.88	71.23	-0.12	CO 38
	Min P <sub>y</sub>	-59.85	<b>-14.70</b>	106.52	-24.01	58.40	0.04	CO 30
	Max P <sub>z</sub>	-100.97	1.15	<b>182.31</b>	1.88	71.23	-0.12	CO 38
	Min P <sub>z</sub>	-59.85	-14.70	<b>106.52</b>	-24.01	58.40	0.04	CO 30
	Max M <sub>x</sub>	-100.97	1.15	182.31	<b>1.88</b>	71.23	-0.12	CO 38
	Min M <sub>x</sub>	-59.85	-14.70	106.52	<b>-24.01</b>	58.40	0.04	CO 30
	Max M <sub>y</sub>	-117.99	-14.60	139.38	-23.73	<b>103.01</b>	-0.03	CO 34
	Min M <sub>y</sub>	-16.04	-4.95	119.53	-7.70	<b>-51.78</b>	0.04	CO 29
	Max M <sub>z</sub>	-59.85	-14.70	106.52	-24.01	58.40	<b>0.04</b>	CO 30
	Min M <sub>z</sub>	-100.97	1.15	182.31	1.88	71.23	<b>-0.12</b>	CO 38
458	Max P <sub>x</sub>	<b>6.41</b>	-0.21	98.17	-1.37	-43.41	0.02	CO 33
	Min P <sub>x</sub>	<b>0.08</b>	0.01	47.66	0.05	-0.31	0.00	CO 22
	Max P <sub>y</sub>	0.22	<b>0.05</b>	127.34	0.35	-1.14	0.00	CO 38
	Min P <sub>y</sub>	0.18	<b>-0.70</b>	45.03	-5.26	-0.14	0.00	CO 30
	Max P <sub>z</sub>	0.22	0.05	<b>127.34</b>	0.35	-1.14	0.00	CO 38
	Min P <sub>z</sub>	6.34	-0.24	<b>35.14</b>	-1.59	-42.47	0.02	CO 29
	Max M <sub>x</sub>	0.22	0.05	127.34	<b>0.35</b>	-1.14	0.00	CO 38
	Min M <sub>x</sub>	0.18	-0.70	45.03	<b>-5.26</b>	-0.14	0.00	CO 30



Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
	Max M <sub>y</sub>	0.18	-0.70	45.03	-5.26	<b>-0.14</b>	0.00	CO 30
	Min M <sub>y</sub>	6.41	-0.21	98.17	-1.37	<b>-43.41</b>	0.02	CO 33
	Max M <sub>z</sub>	6.34	-0.24	35.14	-1.59	-42.47	<b>0.02</b>	CO 29
	Min M <sub>z</sub>	0.30	-0.66	108.07	-5.02	-0.84	<b>-0.01</b>	CO 34
459	Max P <sub>x</sub>	<b>6.71</b>	0.30	41.90	2.03	-44.03	0.02	CO 29
	Min P <sub>x</sub>	<b>-0.40</b>	-0.71	104.64	-5.29	1.81	0.00	CO 34
	Max P <sub>y</sub>	6.59	<b>0.33</b>	104.94	2.30	-43.86	0.02	CO 33
	Min P <sub>y</sub>	-0.32	<b>-0.76</b>	41.61	-5.55	1.37	0.00	CO 30
	Max P <sub>z</sub>	-0.16	0.05	<b>126.69</b>	0.39	0.73	0.00	CO 38
	Min P <sub>z</sub>	-0.32	-0.76	<b>41.61</b>	-5.55	1.37	0.00	CO 30
	Max M <sub>x</sub>	6.59	0.33	104.94	<b>2.30</b>	-43.86	0.02	CO 33
	Min M <sub>x</sub>	-0.32	-0.76	41.61	<b>-5.55</b>	1.37	0.00	CO 30
	Max M <sub>y</sub>	-0.40	-0.71	104.64	-5.29	<b>1.81</b>	0.00	CO 34
	Min M <sub>y</sub>	6.69	0.32	66.11	2.14	<b>-44.12</b>	0.02	CO 31
	Max M <sub>z</sub>	6.59	0.33	104.94	2.30	-43.86	<b>0.02</b>	CO 33
	Min M <sub>z</sub>	-0.05	0.01	47.02	0.06	0.13	<b>0.00</b>	CO 22
460	Max P <sub>x</sub>	<b>118.17</b>	6.38	179.50	9.86	-132.44	0.10	CO 33
	Min P <sub>x</sub>	<b>42.50</b>	0.89	138.68	1.32	-25.81	0.04	CO 22
	Max P <sub>y</sub>	118.17	<b>6.38</b>	179.50	9.86	-132.44	0.10	CO 33
	Min P <sub>y</sub>	59.24	<b>-16.64</b>	120.02	-26.94	-54.40	-0.03	CO 36
	Max P <sub>z</sub>	111.42	4.24	<b>185.16</b>	6.61	-108.02	0.11	CO 39
	Min P <sub>z</sub>	58.57	-16.63	<b>99.68</b>	-26.98	-53.16	-0.05	CO 30
	Max M <sub>x</sub>	118.17	6.38	179.50	<b>9.86</b>	-132.44	0.10	CO 33
	Min M <sub>x</sub>	58.57	-16.63	99.68	<b>-26.98</b>	-53.16	-0.05	CO 30
	Max M <sub>y</sub>	42.50	0.89	138.68	1.32	<b>-25.81</b>	0.04	CO 22
	Min M <sub>y</sub>	118.17	6.38	179.50	9.86	<b>-132.44</b>	0.10	CO 33
	Max M <sub>z</sub>	100.86	0.99	180.48	1.63	-70.41	<b>0.12</b>	CO 38
	Min M <sub>z</sub>	58.57	-16.63	99.68	-26.98	-53.16	<b>-0.05</b>	CO 30
484	Max P <sub>x</sub>	<b>-16.73</b>	-0.53	126.46	-0.59	-45.98	0.08	CO 29
	Min P <sub>x</sub>	<b>-122.31</b>	-0.12	170.67	-3.78	110.83	-0.08	CO 34
	Max P <sub>y</sub>	-100.70	<b>0.07</b>	179.21	0.24	70.26	-0.01	CO 38
	Min P <sub>y</sub>	-16.73	<b>-0.53</b>	126.46	-0.59	-45.98	0.08	CO 29
	Max P <sub>z</sub>	-113.80	-0.03	<b>179.31</b>	-2.15	94.86	-0.05	CO 40
	Min P <sub>z</sub>	-16.73	-0.53	<b>126.46</b>	-0.59	-45.98	0.08	CO 29
	Max M <sub>x</sub>	-100.70	0.07	179.21	<b>0.24</b>	70.26	-0.01	CO 38
	Min M <sub>x</sub>	-64.35	-0.19	137.79	<b>-3.95</b>	66.84	-0.07	CO 30
	Max M <sub>y</sub>	-122.31	-0.12	170.67	-3.78	<b>110.83</b>	-0.08	CO 34
	Min M <sub>y</sub>	-16.73	-0.53	126.46	-0.59	<b>-45.98</b>	0.08	CO 29
	Max M <sub>z</sub>	-16.73	-0.53	126.46	-0.59	-45.98	<b>0.08</b>	CO 29
	Min M <sub>z</sub>	-122.31	-0.12	170.67	-3.78	110.83	<b>-0.08</b>	CO 34
486	Max P <sub>x</sub>	<b>5.10</b>	-0.50	33.96	-3.59	-34.96	0.01	CO 29
	Min P <sub>x</sub>	<b>-0.13</b>	-0.35	124.66	-2.69	0.21	0.00	CO 40
	Max P <sub>y</sub>	-0.10	<b>0.09</b>	126.18	0.70	-0.24	0.00	CO 38
	Min P <sub>y</sub>	-0.02	<b>-0.74</b>	43.98	-5.54	0.58	-0.01	CO 30

Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
	Max P <sub>z</sub>	-0.10	0.09	<b>126.18</b>	0.70	-0.24	0.00	CO 38
	Min P <sub>z</sub>	5.10	-0.50	<b>33.96</b>	-3.59	-34.96	0.01	CO 29
	Max M <sub>x</sub>	-0.10	0.09	126.18	<b>0.70</b>	-0.24	0.00	CO 38
	Min M <sub>x</sub>	-0.02	-0.74	43.98	<b>-5.54</b>	0.58	-0.01	CO 30
	Max M <sub>y</sub>	-0.11	-0.69	82.81	-5.25	<b>0.64</b>	-0.01	CO 36
	Min M <sub>y</sub>	4.97	-0.43	96.99	-3.15	<b>-35.24</b>	0.01	CO 33
	Max M <sub>z</sub>	4.97	-0.43	96.99	-3.15	-35.24	<b>0.01</b>	CO 33
	Min M <sub>z</sub>	-0.02	-0.74	43.98	-5.54	0.58	<b>-0.01</b>	CO 30
487	Max P <sub>x</sub>	<b>5.47</b>	0.74	103.76	5.40	-36.45	0.00	CO 33
	Min P <sub>x</sub>	<b>-0.06</b>	-0.80	40.56	-5.91	0.40	0.01	CO 30
	Max P <sub>y</sub>	5.47	<b>0.74</b>	103.76	5.40	-36.45	0.00	CO 33
	Min P <sub>y</sub>	-0.06	<b>-0.80</b>	40.56	-5.91	0.40	0.01	CO 30
	Max P <sub>z</sub>	0.15	0.10	<b>125.55</b>	0.78	-0.07	0.00	CO 38
	Min P <sub>z</sub>	-0.06	-0.80	<b>40.56</b>	-5.91	0.40	0.01	CO 30
	Max M <sub>x</sub>	5.47	0.74	103.76	<b>5.40</b>	-36.45	0.00	CO 33
	Min M <sub>x</sub>	-0.06	-0.80	40.56	<b>-5.91</b>	0.40	0.01	CO 30
	Max M <sub>y</sub>	0.01	-0.76	79.39	-5.62	<b>0.42</b>	0.01	CO 36
	Min M <sub>y</sub>	5.47	0.74	103.76	5.40	<b>-36.45</b>	0.00	CO 33
	Max M <sub>z</sub>	-0.06	-0.80	40.56	-5.91	0.40	<b>0.01</b>	CO 30
	Min M <sub>z</sub>	0.15	0.10	125.55	0.78	-0.07	<b>0.00</b>	CO 38
488	Max P <sub>x</sub>	<b>120.76</b>	-0.20	165.37	-4.60	-104.43	0.08	CO 34
	Min P <sub>x</sub>	<b>42.46</b>	0.00	135.74	0.04	-25.66	0.00	CO 22
	Max P <sub>y</sub>	117.19	<b>0.74</b>	166.58	1.50	-125.20	0.10	CO 33
	Min P <sub>y</sub>	62.89	<b>-0.28</b>	132.51	-4.80	-61.05	0.07	CO 30
	Max P <sub>z</sub>	100.55	0.09	<b>177.33</b>	0.29	-69.36	0.01	CO 38
	Min P <sub>z</sub>	62.89	-0.28	<b>132.51</b>	-4.80	-61.05	0.07	CO 30
	Max M <sub>x</sub>	117.19	0.74	166.58	<b>1.50</b>	-125.20	0.10	CO 33
	Min M <sub>x</sub>	62.89	-0.28	132.51	<b>-4.80</b>	-61.05	0.07	CO 30
	Max M <sub>y</sub>	42.46	0.00	135.74	0.04	<b>-25.66</b>	0.00	CO 22
	Min M <sub>y</sub>	117.19	0.74	166.58	1.50	<b>-125.20</b>	0.10	CO 33
	Max M <sub>z</sub>	117.19	0.74	166.58	1.50	-125.20	<b>0.10</b>	CO 33
	Min M <sub>z</sub>	42.46	0.00	135.74	0.04	-25.66	<b>0.00</b>	CO 22
512	Max P <sub>x</sub>	<b>-18.08</b>	-2.03	126.73	-0.38	-34.74	0.40	CO 29
	Min P <sub>x</sub>	<b>-122.36</b>	0.71	170.70	-3.99	109.06	-0.26	CO 34
	Max P <sub>y</sub>	-121.84	<b>0.72</b>	150.38	-4.08	108.12	-0.27	CO 32
	Min P <sub>y</sub>	-18.59	<b>-2.05</b>	147.04	-0.29	-33.94	0.40	CO 35
	Max P <sub>z</sub>	-113.84	0.48	<b>179.33</b>	-2.26	93.18	-0.16	CO 40
	Min P <sub>z</sub>	-18.08	-2.03	<b>126.73</b>	-0.38	-34.74	0.40	CO 29
	Max M <sub>x</sub>	-100.74	0.16	179.21	<b>0.27</b>	68.75	-0.02	CO 38
	Min M <sub>x</sub>	-64.38	0.71	137.82	<b>-4.17</b>	65.91	-0.27	CO 30
	Max M <sub>y</sub>	-122.36	0.71	170.70	-3.99	<b>109.06</b>	-0.26	CO 34
	Min M <sub>y</sub>	-18.08	-2.03	126.73	-0.38	<b>-34.74</b>	0.40	CO 29
	Max M <sub>z</sub>	-76.06	-2.05	159.61	-0.21	8.21	<b>0.41</b>	CO 33
	Min M <sub>z</sub>	-64.38	0.71	137.82	-4.17	65.91	<b>-0.27</b>	CO 30

Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
514	Max P <sub>x</sub>	<b>3.20</b>	-0.65	58.13	-4.75	-22.80	0.03	CO 31
	Min P <sub>x</sub>	<b>0.00</b>	0.10	101.97	0.77	-0.35	0.00	CO 37
	Max P <sub>y</sub>	0.02	<b>0.14</b>	126.17	1.05	-0.56	0.00	CO 38
	Min P <sub>y</sub>	0.25	<b>-0.80</b>	37.21	-5.97	-0.16	-0.01	CO 30
	Max P <sub>z</sub>	0.02	0.14	<b>126.17</b>	1.05	-0.56	0.00	CO 38
	Min P <sub>z</sub>	3.20	-0.69	<b>33.93</b>	-5.03	-22.55	0.03	CO 29
	Max M <sub>x</sub>	0.02	0.14	126.17	<b>1.05</b>	-0.56	0.00	CO 38
	Min M <sub>x</sub>	0.25	-0.80	37.21	<b>-5.97</b>	-0.16	-0.01	CO 30
	Max M <sub>y</sub>	0.25	-0.80	37.21	-5.97	<b>-0.16</b>	-0.01	CO 30
	Min M <sub>y</sub>	3.15	-0.59	96.95	-4.34	<b>-22.98</b>	0.03	CO 33
	Max M <sub>z</sub>	3.15	-0.59	96.95	-4.34	-22.98	<b>0.03</b>	CO 33
	Min M <sub>z</sub>	0.25	-0.80	37.21	-5.97	-0.16	<b>-0.01</b>	CO 30
515	Max P <sub>x</sub>	<b>3.28</b>	0.99	41.64	7.09	-23.02	0.02	CO 29
	Min P <sub>x</sub>	<b>-0.13</b>	-0.76	92.57	-5.64	0.67	0.00	CO 34
	Max P <sub>y</sub>	3.22	<b>1.09</b>	106.31	7.92	-22.78	0.02	CO 33
	Min P <sub>y</sub>	-0.10	<b>-0.88</b>	27.90	-6.44	0.31	0.00	CO 30
	Max P <sub>z</sub>	-0.10	0.16	<b>128.50</b>	1.18	0.68	0.00	CO 38
	Min P <sub>z</sub>	-0.10	-0.88	<b>27.90</b>	-6.44	0.31	0.00	CO 30
	Max M <sub>x</sub>	3.22	1.09	106.31	<b>7.92</b>	-22.78	0.02	CO 33
	Min M <sub>x</sub>	-0.10	-0.88	27.90	<b>-6.44</b>	0.31	0.00	CO 30
	Max M <sub>y</sub>	-0.12	-0.37	117.13	-2.80	<b>0.74</b>	0.00	CO 40
	Min M <sub>y</sub>	3.28	0.99	41.64	7.09	<b>-23.02</b>	0.02	CO 29
	Max M <sub>z</sub>	3.28	0.99	41.64	7.09	-23.02	<b>0.02</b>	CO 29
	Min M <sub>z</sub>	-0.10	0.16	128.50	1.18	0.68	<b>0.00</b>	CO 38
516	Max P <sub>x</sub>	<b>120.89</b>	0.37	167.37	-4.90	-103.24	0.22	CO 34
	Min P <sub>x</sub>	<b>42.57</b>	0.17	139.08	0.05	-25.17	0.03	CO 22
	Max P <sub>y</sub>	115.25	<b>1.21</b>	151.96	1.63	-110.37	0.18	CO 31
	Min P <sub>y</sub>	43.41	<b>0.13</b>	171.79	0.21	-26.43	0.02	CO 37
	Max P <sub>z</sub>	100.85	0.15	<b>187.08</b>	0.33	-68.34	0.02	CO 38
	Min P <sub>z</sub>	62.87	0.37	<b>129.17</b>	-5.12	-60.43	0.23	CO 30
	Max M <sub>x</sub>	115.84	1.19	174.87	<b>1.74</b>	-111.36	0.18	CO 33
	Min M <sub>x</sub>	62.87	0.37	129.17	<b>-5.12</b>	-60.43	0.23	CO 30
	Max M <sub>y</sub>	42.57	0.17	139.08	0.05	<b>-25.17</b>	0.03	CO 22
	Min M <sub>y</sub>	115.84	1.19	174.87	1.74	<b>-111.36</b>	0.18	CO 33
	Max M <sub>z</sub>	62.87	0.37	129.17	-5.12	-60.43	<b>0.23</b>	CO 30
	Min M <sub>z</sub>	100.85	0.15	187.08	0.33	-68.34	<b>0.02</b>	CO 38
540	Max P <sub>x</sub>	<b>-20.50</b>	39.65	126.91	25.52	-24.78	0.05	CO 29
	Min P <sub>x</sub>	<b>-88.51</b>	64.49	143.82	3.35	62.96	-1.93	CO 34
	Max P <sub>y</sub>	-62.27	<b>81.27</b>	145.10	46.93	-0.99	-0.84	CO 33
	Min P <sub>y</sub>	-46.74	<b>22.86</b>	125.63	-18.03	39.09	-1.05	CO 30
	Max P <sub>z</sub>	-72.76	72.71	<b>156.48</b>	25.91	30.40	-1.55	CO 38
	Min P <sub>z</sub>	-46.74	22.86	<b>125.63</b>	-18.03	39.09	-1.05	CO 30
	Max M <sub>x</sub>	-61.96	81.26	133.85	<b>46.94</b>	-1.89	-0.84	CO 31
	Min M <sub>x</sub>	-47.05	22.87	136.88	<b>-18.07</b>	40.03	-1.05	CO 36

Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
	Max M <sub>y</sub>	-88.51	64.49	143.82	3.35	<b>62.96</b>	-1.93	CO 34
	Min M <sub>y</sub>	-20.50	39.65	126.91	25.52	<b>-24.78</b>	0.05	CO 29
	Max M <sub>z</sub>	-20.50	39.65	126.91	25.52	-24.78	<b>0.05</b>	CO 29
	Min M <sub>z</sub>	-88.51	64.49	143.82	3.35	62.96	<b>-1.93</b>	CO 34
542	Max P <sub>x</sub>	<b>28.60</b>	114.97	75.95	94.91	-49.14	0.30	CO 31
	Min P <sub>x</sub>	<b>-1.66</b>	40.69	167.17	24.51	2.58	0.04	CO 37
	Max P <sub>y</sub>	28.31	<b>115.03</b>	96.28	95.39	-48.59	0.30	CO 33
	Min P <sub>y</sub>	0.29	<b>22.45</b>	125.65	-12.00	1.67	-0.32	CO 30
	Max P <sub>z</sub>	-1.63	95.47	<b>179.64</b>	64.46	2.84	0.04	CO 38
	Min P <sub>z</sub>	28.52	60.19	<b>63.62</b>	54.99	-49.30	0.30	CO 29
	Max M <sub>x</sub>	28.31	115.03	96.28	<b>95.39</b>	-48.59	0.30	CO 33
	Min M <sub>x</sub>	0.29	22.45	125.65	<b>-12.00</b>	1.67	-0.32	CO 30
	Max M <sub>y</sub>	-0.80	84.58	172.35	42.92	<b>2.92</b>	-0.18	CO 40
	Min M <sub>y</sub>	28.52	60.19	63.62	54.99	<b>-49.30</b>	0.30	CO 29
	Max M <sub>z</sub>	28.52	60.19	63.62	54.99	-49.30	<b>0.30</b>	CO 29
	Min M <sub>z</sub>	-0.10	22.50	146.20	-11.55	2.39	<b>-0.32</b>	CO 36
543	Max P <sub>x</sub>	<b>31.89</b>	116.28	239.59	104.56	-52.19	-0.26	CO 33
	Min P <sub>x</sub>	<b>-1.48</b>	22.88	123.26	-10.96	0.36	0.31	CO 30
	Max P <sub>y</sub>	31.89	<b>116.28</b>	239.59	104.56	-52.19	-0.26	CO 33
	Min P <sub>y</sub>	-1.48	<b>22.88</b>	123.26	-10.96	0.36	0.31	CO 30
	Max P <sub>z</sub>	31.89	116.28	<b>239.59</b>	104.56	-52.19	-0.26	CO 33
	Min P <sub>z</sub>	-1.48	22.88	<b>123.26</b>	-10.96	0.36	0.31	CO 30
	Max M <sub>x</sub>	31.89	116.28	239.59	<b>104.56</b>	-52.19	-0.26	CO 33
	Min M <sub>x</sub>	-1.48	22.88	123.26	<b>-10.96</b>	0.36	0.31	CO 30
	Max M <sub>y</sub>	-1.48	22.88	123.26	-10.96	<b>0.36</b>	0.31	CO 30
	Min M <sub>y</sub>	31.89	116.28	239.59	104.56	<b>-52.19</b>	-0.26	CO 33
	Max M <sub>z</sub>	-1.23	22.94	144.15	-10.50	-0.11	<b>0.32</b>	CO 36
	Min M <sub>z</sub>	31.54	116.22	218.47	104.04	-51.56	<b>-0.27</b>	CO 31
544	Max P <sub>x</sub>	<b>87.77</b>	65.00	150.51	5.06	-59.39	1.86	CO 34
	Min P <sub>x</sub>	<b>30.95</b>	31.05	135.08	4.40	-6.33	0.66	CO 22
	Max P <sub>y</sub>	80.56	<b>84.89</b>	157.31	46.20	-49.88	1.82	CO 33
	Min P <sub>y</sub>	45.89	<b>23.48</b>	126.68	-15.95	-35.42	0.99	CO 30
	Max P <sub>z</sub>	73.01	72.57	<b>164.92</b>	25.40	-30.76	1.53	CO 38
	Min P <sub>z</sub>	45.89	23.48	<b>126.68</b>	-15.95	-35.42	0.99	CO 30
	Max M <sub>x</sub>	80.15	84.88	143.29	<b>46.24</b>	-48.74	1.83	CO 31
	Min M <sub>x</sub>	46.30	23.49	140.69	<b>-16.02</b>	-36.54	0.99	CO 36
	Max M <sub>y</sub>	30.95	31.05	135.08	4.40	<b>-6.33</b>	0.66	CO 22
	Min M <sub>y</sub>	87.77	65.00	150.51	5.06	<b>-59.39</b>	1.86	CO 34
	Max M <sub>z</sub>	87.36	64.99	136.50	5.12	-58.27	<b>1.86</b>	CO 32
	Min M <sub>z</sub>	31.54	31.06	155.10	4.32	-7.91	<b>0.66</b>	CO 37
639	Max P <sub>x</sub>	<b>14.48</b>	10.79	56.43	0.00	0.00	-0.35	CO 33
	Min P <sub>x</sub>	<b>8.39</b>	6.03	23.40	0.00	0.00	-0.22	CO 30
	Max P <sub>y</sub>	13.86	<b>11.21</b>	58.94	0.00	0.00	-0.33	CO 39
	Min P <sub>y</sub>	8.39	<b>6.03</b>	23.40	0.00	0.00	-0.22	CO 30

Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
	Max P <sub>z</sub>	13.86	11.21	<b>58.94</b>	0.00	0.00	-0.33	CO 39
	Min P <sub>z</sub>	8.39	6.03	<b>23.40</b>	0.00	0.00	-0.22	CO 30
	Max M <sub>x</sub>	9.27	8.48	32.62	<b>0.00</b>	0.00	-0.16	CO 22
	Min M <sub>x</sub>	9.27	8.48	32.62	<b>0.00</b>	0.00	-0.16	CO 22
	Max M <sub>y</sub>	9.27	8.48	32.62	0.00	<b>0.00</b>	-0.16	CO 22
	Min M <sub>y</sub>	9.27	8.48	32.62	0.00	<b>0.00</b>	-0.16	CO 22
	Max M <sub>z</sub>	10.84	10.37	50.60	0.00	0.00	<b>-0.16</b>	CO 37
	Min M <sub>z</sub>	9.77	6.63	27.37	0.00	0.00	<b>-0.37</b>	CO 32
709	Max P <sub>x</sub>	<b>13.46</b>	-9.14	46.44	0.00	0.00	0.35	CO 33
	Min P <sub>x</sub>	<b>9.23</b>	-8.42	32.19	0.00	0.00	0.16	CO 22
	Max P <sub>y</sub>	11.54	<b>-8.17</b>	36.53	0.00	0.00	0.21	CO 29
	Min P <sub>y</sub>	11.58	<b>-11.58</b>	46.59	0.00	0.00	0.25	CO 34
	Max P <sub>z</sub>	11.64	-10.86	<b>47.32</b>	0.00	0.00	0.28	CO 40
	Min P <sub>z</sub>	9.23	-8.42	<b>32.19</b>	0.00	0.00	0.16	CO 22
	Max M <sub>x</sub>	9.23	-8.42	32.19	<b>0.00</b>	0.00	0.16	CO 22
	Min M <sub>x</sub>	9.23	-8.42	32.19	<b>0.00</b>	0.00	0.16	CO 22
	Max M <sub>y</sub>	9.23	-8.42	32.19	0.00	<b>0.00</b>	0.16	CO 22
	Min M <sub>y</sub>	9.23	-8.42	32.19	0.00	<b>0.00</b>	0.16	CO 22
	Max M <sub>z</sub>	12.92	-8.77	40.51	0.00	0.00	<b>0.36</b>	CO 31
	Min M <sub>z</sub>	10.20	-10.98	42.61	0.00	0.00	<b>0.10</b>	CO 36
763	Max P <sub>x</sub>	<b>-6.83</b>	7.34	24.49	0.00	0.00	0.08	CO 29
	Min P <sub>x</sub>	<b>-12.21</b>	11.16	54.81	0.00	0.00	0.31	CO 38
	Max P <sub>y</sub>	-12.21	<b>11.16</b>	54.81	0.00	0.00	0.31	CO 38
	Min P <sub>y</sub>	-8.40	<b>6.19</b>	23.67	0.00	0.00	0.22	CO 30
	Max P <sub>z</sub>	-12.21	11.16	<b>54.81</b>	0.00	0.00	0.31	CO 38
	Min P <sub>z</sub>	-8.40	6.19	<b>23.67</b>	0.00	0.00	0.22	CO 30
	Max M <sub>x</sub>	-9.28	8.64	32.89	<b>0.00</b>	0.00	0.16	CO 22
	Min M <sub>x</sub>	-9.28	8.64	32.89	<b>0.00</b>	0.00	0.16	CO 22
	Max M <sub>y</sub>	-9.28	8.64	32.89	0.00	<b>0.00</b>	0.16	CO 22
	Min M <sub>y</sub>	-9.28	8.64	32.89	0.00	<b>0.00</b>	0.16	CO 22
	Max M <sub>z</sub>	-9.78	6.79	27.64	0.00	0.00	<b>0.37</b>	CO 32
	Min M <sub>z</sub>	-7.92	8.68	37.02	0.00	0.00	<b>0.08</b>	CO 35
765	Max P <sub>x</sub>	<b>-6.89</b>	-7.00	23.43	0.00	0.00	-0.10	CO 29
	Min P <sub>x</sub>	<b>-11.65</b>	-11.03	47.56	0.00	0.00	-0.28	CO 40
	Max P <sub>y</sub>	-6.89	<b>-7.00</b>	23.43	0.00	0.00	-0.10	CO 29
	Min P <sub>y</sub>	-11.59	<b>-11.75</b>	46.84	0.00	0.00	-0.26	CO 34
	Max P <sub>z</sub>	-11.65	-11.03	<b>47.56</b>	0.00	0.00	-0.28	CO 40
	Min P <sub>z</sub>	-6.89	-7.00	<b>23.43</b>	0.00	0.00	-0.10	CO 29
	Max M <sub>x</sub>	-9.24	-8.58	32.45	<b>0.00</b>	0.00	-0.16	CO 22
	Min M <sub>x</sub>	-9.24	-8.58	32.45	<b>0.00</b>	0.00	-0.16	CO 22
	Max M <sub>y</sub>	-9.24	-8.58	32.45	0.00	<b>0.00</b>	-0.16	CO 22
	Min M <sub>y</sub>	-9.24	-8.58	32.45	0.00	<b>0.00</b>	-0.16	CO 22
	Max M <sub>z</sub>	-7.43	-7.37	29.30	0.00	0.00	<b>-0.10</b>	CO 35
	Min M <sub>z</sub>	-10.62	-9.17	36.43	0.00	0.00	<b>-0.31</b>	CO 23

Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
766	Max P <sub>x</sub>	<b>4.76</b>	-24.63	22.47	0.00	0.00	0.03	CO 31
	Min P <sub>x</sub>	<b>0.00</b>	-12.85	28.88	0.00	0.00	0.00	CO 37
	Max P <sub>y</sub>	0.01	<b>-12.63</b>	29.23	0.00	0.00	0.00	CO 36
	Min P <sub>y</sub>	0.01	<b>-24.64</b>	22.67	0.00	0.00	0.00	CO 23
	Max P <sub>z</sub>	0.01	-12.69	<b>29.61</b>	0.00	0.00	0.00	CO 42
	Min P <sub>z</sub>	4.76	-24.63	<b>22.47</b>	0.00	0.00	0.03	CO 31
	Max M <sub>x</sub>	0.01	-12.98	25.99	<b>0.00</b>	0.00	0.00	CO 22
	Min M <sub>x</sub>	0.01	-12.98	25.99	<b>0.00</b>	0.00	0.00	CO 22
	Max M <sub>y</sub>	0.01	-12.98	25.99	0.00	<b>0.00</b>	0.00	CO 22
	Min M <sub>y</sub>	0.01	-12.98	25.99	0.00	<b>0.00</b>	0.00	CO 22
	Max M <sub>z</sub>	4.76	-24.54	24.49	0.00	0.00	<b>0.03</b>	CO 33
	Min M <sub>z</sub>	0.01	-12.98	25.99	0.00	0.00	<b>0.00</b>	CO 22
767	Max P <sub>x</sub>	<b>19.36</b>	-4.00	20.34	0.00	0.00	-0.02	CO 32
	Min P <sub>x</sub>	<b>9.95</b>	-0.86	27.77	0.00	0.00	0.02	CO 35
	Max P <sub>y</sub>	18.94	<b>0.06</b>	20.45	0.00	0.00	0.01	CO 31
	Min P <sub>y</sub>	10.38	<b>-4.92</b>	27.64	0.00	0.00	-0.01	CO 36
	Max P <sub>z</sub>	10.28	-1.38	<b>29.73</b>	0.00	0.00	0.02	CO 37
	Min P <sub>z</sub>	19.36	-4.00	<b>20.34</b>	0.00	0.00	-0.02	CO 32
	Max M <sub>x</sub>	10.48	-0.06	24.43	<b>0.00</b>	0.00	0.00	CO 22
	Min M <sub>x</sub>	10.48	-0.06	24.43	<b>0.00</b>	0.00	0.00	CO 22
	Max M <sub>y</sub>	10.48	-0.06	24.43	0.00	<b>0.00</b>	0.00	CO 22
	Min M <sub>y</sub>	10.48	-0.06	24.43	0.00	<b>0.00</b>	0.00	CO 22
	Max M <sub>z</sub>	10.05	-1.31	29.51	0.00	0.00	<b>0.02</b>	CO 41
	Min M <sub>z</sub>	19.36	-4.00	20.34	0.00	0.00	<b>-0.02</b>	CO 32
768	Max P <sub>x</sub>	<b>-10.28</b>	-1.40	30.33	0.00	0.00	-0.02	CO 37
	Min P <sub>x</sub>	<b>-19.68</b>	0.39	15.55	0.00	0.00	0.00	CO 31
	Max P <sub>y</sub>	-19.68	<b>0.39</b>	15.55	0.00	0.00	0.00	CO 31
	Min P <sub>y</sub>	-10.38	<b>-4.93</b>	28.21	0.00	0.00	0.01	CO 36
	Max P <sub>z</sub>	-10.28	-1.40	<b>30.33</b>	0.00	0.00	-0.02	CO 37
	Min P <sub>z</sub>	-19.68	0.39	<b>15.55</b>	0.00	0.00	0.00	CO 31
	Max M <sub>x</sub>	-10.48	-0.06	24.96	<b>0.00</b>	0.00	0.00	CO 22
	Min M <sub>x</sub>	-10.48	-0.06	24.96	<b>0.00</b>	0.00	0.00	CO 22
	Max M <sub>y</sub>	-10.48	-0.06	24.96	0.00	<b>0.00</b>	0.00	CO 22
	Min M <sub>y</sub>	-10.48	-0.06	24.96	0.00	<b>0.00</b>	0.00	CO 22
	Max M <sub>z</sub>	-19.36	-4.00	20.86	0.00	0.00	<b>0.02</b>	CO 32
	Min M <sub>z</sub>	-10.28	-1.40	30.33	0.00	0.00	<b>-0.02</b>	CO 37
769	Max P <sub>x</sub>	<b>5.18</b>	24.55	23.17	0.00	0.00	-0.03	CO 31
	Min P <sub>x</sub>	<b>0.00</b>	12.74	32.04	0.00	0.00	0.00	CO 37
	Max P <sub>y</sub>	0.01	<b>24.99</b>	19.97	0.00	0.00	0.00	CO 32
	Min P <sub>y</sub>	3.10	<b>12.69</b>	32.25	0.00	0.00	-0.02	CO 41
	Max P <sub>z</sub>	3.10	12.69	<b>32.25</b>	0.00	0.00	-0.02	CO 41
	Min P <sub>z</sub>	0.01	24.99	<b>19.97</b>	0.00	0.00	0.00	CO 32
	Max M <sub>x</sub>	0.01	12.98	26.14	<b>0.00</b>	0.00	0.00	CO 22
	Min M <sub>x</sub>	0.01	12.98	26.14	<b>0.00</b>	0.00	0.00	CO 22

Node		Support Forces [kN]			Support Moments [kNm]			COMB.
No.		P <sub>x</sub>	P <sub>y</sub>	P <sub>z</sub>	M <sub>x</sub>	M <sub>y</sub>	M <sub>z</sub>	No.
	Max M <sub>y</sub>	0.01	12.98	26.14	0.00	<b>0.00</b>	0.00	CO 22
	Min M <sub>y</sub>	0.01	12.98	26.14	0.00	<b>0.00</b>	0.00	CO 22
	Max M <sub>z</sub>	0.01	13.33	23.29	0.00	0.00	<b>0.00</b>	CO 30
	Min M <sub>z</sub>	5.18	24.38	27.30	0.00	0.00	<b>-0.03</b>	CO 33

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	231	267	0



### 2.14.2 Pamatų skaičiavimas nuo vertikalių apkrovų

Atliktas CFA gręžtinių pamatų skaičiavimas, veikiant vertikaliai apkrovai pagal LST EN 1997-2 priedą D.7. „A1+M1+R1“ ir „A2+M2+R4“. Pamatų išdėstymą žr. pamatų planų br.

Pamatas suprojektuotas 2-iems atvejams, t. y., kai jis yra gniuždomas ir tempiamas. Šiame projekte tempimas pamate nepasireiškia, todėl šis efektas nėra vertintas.

Pamatai skaičiuoti pagal nepalankiausius IGT gręžinius (Nr.2 ir Nr. 5).

1. Ekstreminės reikšmės poliams  $d=1,0$  m (sandėlio perimetro pamatai) (projektinė polio v. alt.: +74,35 m):

Didžiausia pamatą veikianti charakteristinė gniuždomoji ašinė jėga:

$$N_{ck} = 239,6 \text{ kN};$$

Apkrova nuo šakinio keltuvo ašies (įvertinus dinaminį koeficientą) (pasiskirsto į 1 polį):

$$F_{ck.FL} = 88,2 \text{ kN};$$

Suminė pamatą veikianti charakteristinė gniuždomoji vertikali jėga:

$$V_k = N_{ck} + F_{ck.FL} = 239,6 + 88,2 = 327,8 \text{ kN};$$

2. Ekstreminės reikšmės poliams  $d=0,8$  m (sandėlio vidaus pamatai) (projektinė polio v. alt.: +75,15 m)::

Didžiausia pamatą veikianti charakteristinė gniuždomoji ašinė jėga:

$$N_{ck} = 133,5 \text{ kN};$$

Apkrova nuo šakinio keltuvo ašies (įvertinus dinaminį koeficientą) (pasiskirsto į 1 polį):

$$F_{ck.FL} = 88,2 \text{ kN};$$

Suminė pamatą veikianti charakteristinė gniuždomoji vertikali jėga:

$$V_k = N_{ck} + F_{ck.FL} = 133,5 + 88,2 = 223,7 \text{ kN};$$

3. Ekstreminės reikšmės poliams  $d=0,35$  m (pakrovimo priestato pamatai) (projektinė polio v. alt.: +74,35 m)::

Didžiausia pamatą veikianti charakteristinė gniuždomoji ašinė jėga:

$$N_{ck} = 58,9 \text{ kN};$$

Apkrova nuo šakinio keltuvo ašies (įvertinus dinaminį koeficientą) (pasiskirsto į 3 polius):

$$F_{ck.FL} = 88,2 \text{ kN};$$

Suminė pamatą veikianti charakteristinė gniuždomoji vertikali jėga:

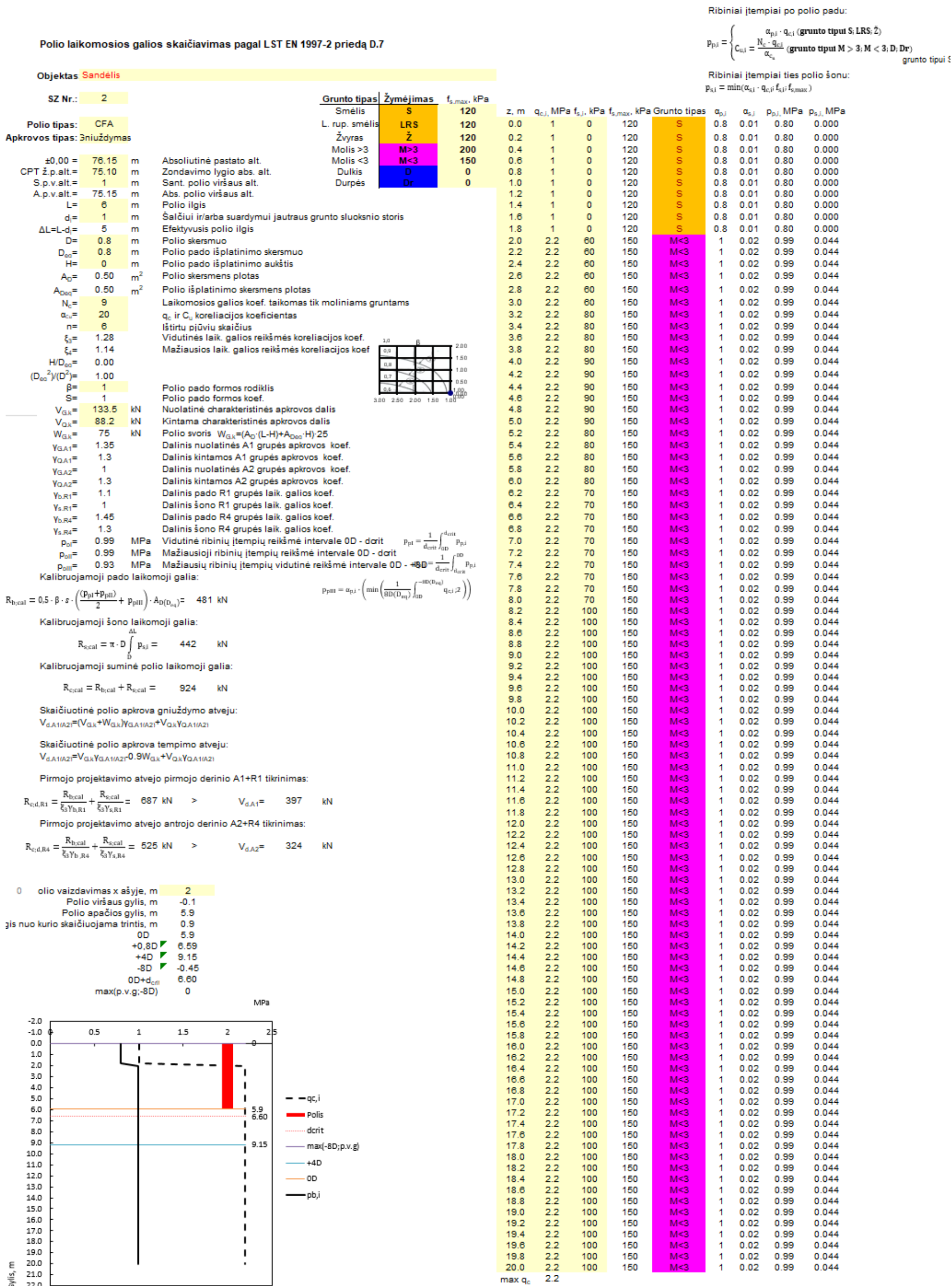
$$V_k = N_{ck} + F_{ck.FL}/3 = 58,9 + 88,2/3 = 88,3 \text{ kN};$$

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	232	267	0









2.212 pav. Pamato pagrindo stiprumo skaičiavimas SZ-2/GR-2 (polių skersmuo: d=0,8 m) (sandėlio vidaus pamatai)

Polio laikomosios galios skaičiavimas pagal LST EN 1997-2 priedą D.7

Objektas Sandėlis

SZ Nr.: 5

Polio tipas: CFA

Apkrovos tipas: 3niūždymas

±0,00 = 76.15 m	Absoliutinė pastato alt.
CPT ž.p.alt. = 74.90 m	Zondavimo lygio abs. alt.
S.p.v.alt. = 1 m	Sant. polio viršaus alt.
A.p.v.alt. = 75.15 m	Abs. polio viršaus alt.
L = 6 m	Polio ilgis
d <sub>i</sub> = 1 m	Šalčiui ir/arba suardymui jautraus grunto sluoksnio storis
ΔL=L-d <sub>i</sub> = 5 m	Efektivusis polio ilgis
D = 0.8 m	Polio skersmuo
D <sub>00</sub> = 0.8 m	Polio pado išplatinimo skersmuo
H = 0 m	Polio pado išplatinimo aukštis
A <sub>00</sub> = 0.50 m <sup>2</sup>	Polio skersmens plotas
A <sub>000</sub> = 0.50 m <sup>2</sup>	Polio išplatinimo skersmens plotas
N <sub>q</sub> = 9	Laikomosios galios koef. taikomas tik moliniams gruntams
α <sub>q</sub> = 20	q <sub>c</sub> ir C <sub>u</sub> koreliacijos koeficientas
n = 6	Ištirtų pjūvių skaičius
ξ <sub>s</sub> = 1.28	Vidutinės laik. galios reikšmės koreliacijos koef.
ξ <sub>d</sub> = 1.14	Mažiausios laik. galios reikšmės koreliacijos koef.
H/D <sub>00</sub> = 0.00	
(D <sub>00</sub> <sup>2</sup> )/D <sup>2</sup> = 1.00	
β = 1	Polio pado formos rodiklis
S = 1	Polio pado formos koef.
V <sub>Gk</sub> = 133.5 kN	Nuolatinė charakteristinės apkrovos dalis
V <sub>Qk</sub> = 88.2 kN	Kintama charakteristinės apkrovos dalis
W <sub>Gk</sub> = 75 kN	Polio svoris W <sub>Gk</sub> =(A <sub>0</sub> ·(L-H)+A <sub>000</sub> ·H)·25
Y <sub>G,A1</sub> = 1.35	Dalinis nuolatinės A1 grupės apkrovos koef.
Y <sub>Q,A1</sub> = 1.3	Dalinis kintamos A1 grupės apkrovos koef.
Y <sub>G,A2</sub> = 1	Dalinis nuolatinės A2 grupės apkrovos koef.
Y <sub>Q,A2</sub> = 1.3	Dalinis kintamos A2 grupės apkrovos koef.
Y <sub>b,R1</sub> = 1.1	Dalinis pado R1 grupės laik. galios koef.
Y <sub>s,R1</sub> = 1	Dalinis šono R1 grupės laik. galios koef.
Y <sub>b,R4</sub> = 1.45	Dalinis pado R4 grupės laik. galios koef.
Y <sub>s,R4</sub> = 1.3	Dalinis šono R4 grupės laik. galios koef.
p <sub>0i</sub> = 0.86 MPa	Vidutinė ribinių įtempių reikšmė intervale 0D - drit
p <sub>0ii</sub> = 0.86 MPa	Mažiausioji ribinių įtempių reikšmė intervale 0D - drit
p <sub>0iii</sub> = 0.75 MPa	Mažiausių ribinių įtempių vidutinė reikšmė intervale 0D - +8D

Kalibruojamoji pado laikomoji galia:

$$R_{b,cal} = 0.5 \cdot \beta \cdot s \cdot \left( \frac{(p_{0i} + p_{0ii})}{2} + p_{0iii} \right) \cdot A_{D(D_{00})} = 403 \text{ kN}$$

Kalibruojamoji šono laikomoji galia:

$$R_{s,cal} = \pi \cdot D \int_0^{\Delta L} p_{s,i} = 288 \text{ kN}$$

Kalibruojamoji suminė polio laikomoji galia:

$$R_{c,cal} = R_{b,cal} + R_{s,cal} = 691 \text{ kN}$$

Skaičiuotinė polio apkrova gniuždymo atveju:

$$V_{d,A1(A2)} = (V_{Gk} + W_{Gk})Y_{G,A1(A2)} + V_{Qk}Y_{Q,A1(A2)}$$

Skaičiuotinė polio apkrova tempimo atveju:

$$V_{d,A1(A2)} = V_{Gk}Y_{G,A1(A2)} + 0.9W_{Gk} + V_{Qk}Y_{Q,A1(A2)}$$

Pirmojo projektavimo atvejo pirmojo derinio A1+R1 tikrinimas:

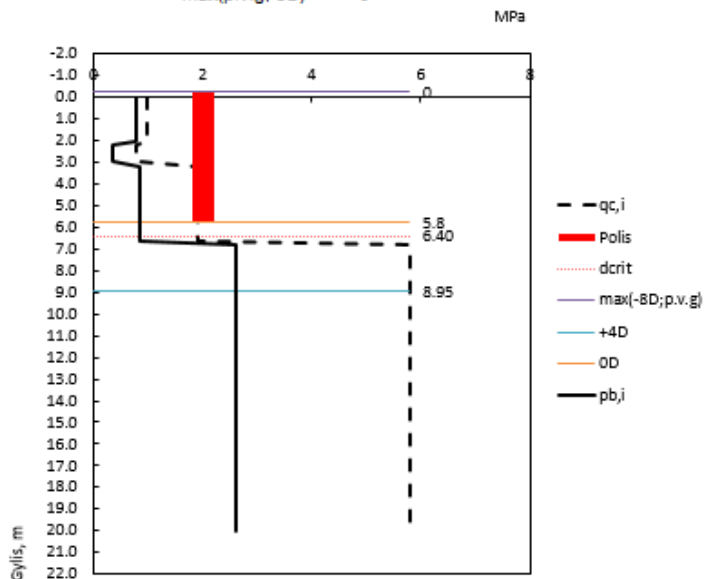
$$R_{c,d,R1} = \frac{R_{b,cal}}{\xi_s Y_{b,R1}} + \frac{R_{s,cal}}{\xi_s Y_{s,R1}} = 511 \text{ kN} > V_{d,A1} = 397 \text{ kN}$$

Pirmojo projektavimo atvejo antrojo derinio A2+R4 tikrinimas:

$$R_{c,d,R4} = \frac{R_{b,cal}}{\xi_s Y_{b,R4}} + \frac{R_{s,cal}}{\xi_s Y_{s,R4}} = 390 \text{ kN} > V_{d,A2} = 324 \text{ kN}$$

0 olio vaizdavimas x ašyje, m

Polio viršaus gylis, m	-0.3
Polio apačios gylis, m	5.8
gis nuo kurio skaičiuojama trintis, m	0.8
0D	5.8
+0.8D	6.39
+4D	8.95
-8D	-0.65
0D+d <sub>crit</sub>	6.40
max(p.v.g.;-8D)	0



Ribiniai įtempiai po polio padu:

$$p_{bi} = \begin{cases} \alpha_{p,i} \cdot q_{c,i} & (\text{grunto tipai S; LRS; Ž}) \\ C_{u,i} = \frac{N_c - q_{c,i}}{\alpha_{q_i}} & (\text{grunto tipai M > 3; M < 3; D; Dr}) \end{cases}$$

grunto tipui S

Ribiniai įtempiai ties polio šonu:

$$p_{s,i} = \min(\alpha_{s,i} \cdot q_{c,i}; f_{s,i}; f_{s,max})$$

z, m	q <sub>c,i</sub> , MPa	f <sub>s,j</sub> , kPa	f <sub>s,max</sub> , kPa	Grunto tipas	α <sub>p,i</sub>	α <sub>s,i</sub>	p <sub>b,i</sub> , MPa	p <sub>s,i</sub> , MPa
0.0	1	0	120	s	0.8	0.01	0.80	0.000
0.2	1	0	120	s	0.8	0.01	0.80	0.000
0.4	1	0	120	s	0.8	0.01	0.80	0.000
0.6	1	0	120	s	0.8	0.01	0.80	0.000
0.8	1	0	120	s	0.8	0.01	0.80	0.000
1.0	1	0	120	s	0.8	0.01	0.80	0.000
1.2	1	0	120	s	0.8	0.01	0.80	0.000
1.4	1	0	120	s	0.8	0.01	0.80	0.000
1.6	1	0	120	s	0.8	0.01	0.80	0.000
1.8	1	0	120	s	0.8	0.01	0.80	0.000
2.0	1	0	120	s	0.8	0.01	0.80	0.000
2.2	0.8	30	150	m<3	1	0.02	0.36	0.016
2.4	0.8	30	150	m<3	1	0.02	0.36	0.016
2.6	0.8	30	150	m<3	1	0.02	0.36	0.016
2.8	0.8	30	150	m<3	1	0.02	0.36	0.016
3.0	0.8	30	150	m<3	1	0.02	0.36	0.016
3.2	1.9	40	150	m<3	1	0.02	0.86	0.038
3.4	1.9	40	150	m<3	1	0.02	0.86	0.038
3.6	1.9	40	150	m<3	1	0.02	0.86	0.038
3.8	1.9	40	150	m<3	1	0.02	0.86	0.038
4.0	1.9	40	150	m<3	1	0.02	0.86	0.038
4.2	1.9	60	150	m<3	1	0.02	0.86	0.038
4.4	1.9	60	150	m<3	1	0.02	0.86	0.038
4.6	1.9	60	150	m<3	1	0.02	0.86	0.038
4.8	1.9	60	150	m<3	1	0.02	0.86	0.038
5.0	1.9	60	150	m<3	1	0.02	0.86	0.038
5.2	1.9	70	150	m<3	1	0.02	0.86	0.038
5.4	1.9	70	150	m<3	1	0.02	0.86	0.038
5.6	1.9	70	150	m<3	1	0.02	0.86	0.038
5.8	1.9	70	150	m<3	1	0.02	0.86	0.038
6.0	1.9	70	150	m<3	1	0.02	0.86	0.038
6.2	1.9	70	150	m<3	1	0.02	0.86	0.038
6.4	1.9	70	150	m<3	1	0.02	0.86	0.038
6.6	1.9	70	150	m<3	1	0.02	0.86	0.038
6.8	5.8	100	150	m<3	1	0.02	2.61	0.100
7.0	5.8	100	150	m<3	1	0.02	2.61	0.100
7.2	5.8	100	150	m<3	1	0.02	2.61	0.100
7.4	5.8	100	150	m<3	1	0.02	2.61	0.100
7.6	5.8	100	150	m<3	1	0.02	2.61	0.100
7.8	5.8	100	150	m<3	1	0.02	2.61	0.100
8.0	5.8	100	150	m<3	1	0.02	2.61	0.100
8.2	5.8	100	150	m<3	1	0.02	2.61	0.100
8.4	5.8	100	150	m<3	1	0.02	2.61	0.100
8.6	5.8	100	150	m<3	1	0.02	2.61	0.100
8.8	5.8	100	150	m<3	1	0.02	2.61	0.100
9.0	5.8	100	150	m<3	1	0.02	2.61	0.100
9.2	5.8	100	150	m<3	1	0.02	2.61	0.100
9.4	5.8	100	150	m<3	1	0.02	2.61	0.100
9.6	5.8	100	150	m<3	1	0.02	2.61	0.100
9.8	5.8	100	150	m<3	1	0.02	2.61	0.100
10.0	5.8	100	150	m<3	1	0.02	2.61	0.100
10.2	5.8	100	150	m<3	1	0.02	2.61	0.100
10.4	5.8	100	150	m<3	1	0.02	2.61	0.100
10.6	5.8	100	150	m<3	1	0.02	2.61	0.100
10.8	5.8	100	150	m<3	1	0.02	2.61	0.100
11.0	5.8	100	150	m<3	1	0.02	2.61	0.100
11.2	5.8	100	150	m<3	1	0.02	2.61	0.100
11.4	5.8	100	150	m<3	1	0.02	2.61	0.100
11.6	5.8	100	150	m<3	1	0.02	2.61	0.100
11.8	5.8	100	150	m<3	1	0.02	2.61	0.100
12.0	5.8	100	150	m<3	1	0.02	2.61	0.100
12.2	5.8	100	150	m<3	1	0.02	2.61	0.100
12.4	5.8	100	150	m<3	1	0.02	2.61	0.100
12.6	5.8	100	150	m<3	1	0.02	2.61	0.100
12.8	5.8	100	150	m<3	1	0.02	2.61	0.100
13.0	5.8	100	150	m<3	1	0.02	2.61	0.100
13.2	5.8	100	150	m<3	1	0.02	2.61	0.100
13.4	5.8	100	150	m<3	1	0.02	2.61	0.100
13.6	5.8	100	150	m<3	1	0.02	2.61	0.100
13.8	5.8	100	150	m<3	1	0.02	2.61	0.100
14.0	5.8	100	150	m<3	1	0.02	2.61	0.100
14.2	5.8	100	150	m<3	1	0.02	2.61	0.100
14.4	5.8	100	150	m<3	1	0.02	2.61	0.100
14.6	5.8	100	150	m<3	1	0.02	2.61	0.100
14.8	5.8	100	150	m<3	1	0.02	2.61	0.100
15.0	5.8	100	150	m<3	1	0.02	2.61	0.100
15.2	5.8	100	150	m<3	1	0.02	2.61	0.100
15.4	5.8	100	150	m<3	1	0.02	2.61	0.100
15.6	5.8	100	150	m<3	1	0.02	2.61	0.100
15.8	5.8	100	150	m<3	1	0.02	2.61	0.100
16.0	5.8	100	150	m<3	1	0.02	2.61	0.100
16.2	5.8	100	150	m<3	1	0.02	2.61	0.100
16.4	5.8	100	150	m<3	1	0.02	2.61	0.100
16.6	5.8	100	150	m<3	1	0.02	2.61	0.100
16.8	5.8	100	150	m<3	1	0.02	2.61	0.100
17.0	5.8	100	150	m<3	1	0.02	2.61	0.100
17.2	5.8	100	150	m<3	1	0.02	2.61	0.100
17.4	5.8	100	150	m<3	1	0.02	2.61	0.100
17.6	5.8	100	150	m<3	1	0.02	2.61	0.100
17.8	5.8	100	150	m<3	1	0.02	2.61	0.100
18.0	5.8	100	150	m<3	1	0.02	2.61	0.100
18.2	5.8	100	150	m<3	1	0.02	2.61	0.100
18.4	5.8	100	150	m<3	1	0.02	2.61	0.100
18.6	5.8	100	150	m<3	1	0.02	2.61	0.100
18.8	5.8	100	150	m<3	1	0.02	2.61	0.100
19.0	5.8	100	150	m<3	1	0.02	2.61	0.100
19.2	5.8	100	150	m<3	1	0.02	2.61	0.100
19.4	5.8	100	150	m<3	1	0.02	2.61	0.100
19.6	5.8	100	150	m<3	1	0.02	2.61	0.100
19.8	5.8	100	150	m<3	1	0.02	2.61	0.100
20.0	5.8	100	150	m<3	1	0.02	2.61	0.100

max q<sub>c</sub> 5.8

2.213 pav. Pamato pagrindo stiprumo skaičiavimas SZ-5/GR-5 (polių skersmuo: d=0,8 m) (sandėlio vidaus pamatai)



Polio laikomosios galios skaičiavimas pagal LST EN 1997-2 priedą D.7

Objektas Pakrovimo priestatas

SZ Nr.: 2

Polio tipas: CFA  
Apkrovos tipas: žniūždymas

±0,00 = 76.15 m Absoliutinė pastato alt.  
CPT ž.p.alt = 75.10 m Zondavimo lygio abs. alt.  
S.p.v.alt = 1.8 m Sant. polio viršaus alt.  
A.p.v.alt = 74.35 m Abs. polio viršaus alt.  
L = 4 m Polio ilgis  
d<sub>i</sub> = 1 m Šalčiui ir/arba suardymui įautraus grunto sluoksnio storis  
ΔL=L-d<sub>i</sub> = 3 m Efektyvusis polio ilgis  
D = 0.35 m Polio skersmuo  
D<sub>00</sub> = 0.35 m Polio pado išplatinimo skersmuo  
H = 0 m Polio pado išplatinimo aukštis  
A<sub>0</sub> = 0.10 m<sup>2</sup> Polio skersmens plotas  
A<sub>000</sub> = 0.10 m<sup>2</sup> Polio išplatinimo skersmens plotas  
N<sub>c</sub> = 9 Laikomosios galios koef. taikomas tik moliniams gruntams  
α<sub>c</sub> = 20 q<sub>c</sub> ir C<sub>u</sub> koreliacijos koeficientas  
n = 6 Ištirtų pjūvių skaičius  
ξ<sub>3</sub> = 1.28 Vidutinės laik. galios reikšmės koreliacijos koef.  
ξ<sub>4</sub> = 1.14 Mažiausios laik. galios reikšmės koreliacijos koef.

H/D<sub>00</sub> = 0.00

(D<sub>00</sub><sup>2</sup>)/(D<sup>2</sup>) = 1.00

β = 1 Polio pado formos rodiklis

S = 1 Polio pado formos koef.

V<sub>G,k</sub> = 58.9 kN Nuolatinė charakteristinė apkrovos dalis

V<sub>Q,k</sub> = 29.4 kN Kintama charakteristinė apkrovos dalis

W<sub>G,k</sub> = 10 kN Polio svoris W<sub>G,k</sub>=(A<sub>0</sub>·(L-H)+A<sub>000</sub>·H)·25

Y<sub>G,A1</sub> = 1.35 Dalinis nuolatinės A1 grupės apkrovos koef.

Y<sub>Q,A1</sub> = 1.3 Dalinis kintamos A1 grupės apkrovos koef.

Y<sub>G,A2</sub> = 1 Dalinis nuolatinės A2 grupės apkrovos koef.

Y<sub>Q,A2</sub> = 1.3 Dalinis kintamos A2 grupės apkrovos koef.

Y<sub>R,R1</sub> = 1.1 Dalinis pado R1 grupės laik. galios koef.

Y<sub>s,R1</sub> = 1 Dalinis šono R1 grupės laik. galios koef.

Y<sub>R,R4</sub> = 1.45 Dalinis pado R4 grupės laik. galios koef.

Y<sub>s,R4</sub> = 1.3 Dalinis šono R4 grupės laik. galios koef.

p<sub>0i</sub> = 0.99 MPa Vidutinė ribinių įtempių reikšmė intervale 0D - d<sub>crit</sub>

p<sub>0ii</sub> = 0.99 MPa Mažiausioji ribinių įtempių reikšmė intervale 0D - d<sub>crit</sub>

p<sub>0iii</sub> = 0.99 MPa Mažiausią ribinių įtempių vidutinę reikšmę intervale 0D - d<sub>crit</sub>

Kalibruojamoji pado laikomoji galia:

$$R_{b,cal} = 0.5 \cdot \beta \cdot s \cdot \left( \frac{(p_{0i} + p_{0iii})}{2} + p_{0iii} \right) \cdot A_{D(D_{eq})} = 95 \text{ kN}$$

Kalibruojamoji šono laikomoji galia:

$$R_{s,cal} = \pi \cdot D \int_0^{\Delta L} p_{s,i} = 135 \text{ kN}$$

Kalibruojamoji suminė polio laikomoji galia:

$$R_{c,cal} = R_{b,cal} + R_{s,cal} = 231 \text{ kN}$$

Skaičiuotinė polio apkrova gniuždymo atveju:

$$V_{G,A1/A2} = (V_{G,k} + W_{G,k}) Y_{G,A1/A2} + V_{Q,k} Y_{Q,A1/A2}$$

Skaičiuotinė polio apkrova tempimo atveju:

$$V_{G,A1/A2} = V_{G,k} Y_{G,A1/A2} + 0.9 W_{G,k} + V_{Q,k} Y_{Q,A1/A2}$$

Pirmojo projektavimo atvejo pirmojo derinio A1+R1 tikrinimas:

$$R_{c,d,R1} = \frac{R_{b,cal}}{\xi_3 Y_{b,R1}} + \frac{R_{s,cal}}{\xi_3 Y_{s,R1}} = 173 \text{ kN} > V_{G,A1} = 131 \text{ kN}$$

Pirmojo projektavimo atvejo antrojo derinio A2+R4 tikrinimas:

$$R_{c,d,R4} = \frac{R_{b,cal}}{\xi_3 Y_{b,R4}} + \frac{R_{s,cal}}{\xi_3 Y_{s,R4}} = 133 \text{ kN} > V_{G,A2} = 107 \text{ kN}$$

0 olio vaizdavimas x ašyje, m 2

Polio viršaus gylis, m 0.7

Polio apačios gylis, m 4.7

gis nuo kurio skaičiuojama trintis, m 1.7

0D 4.7

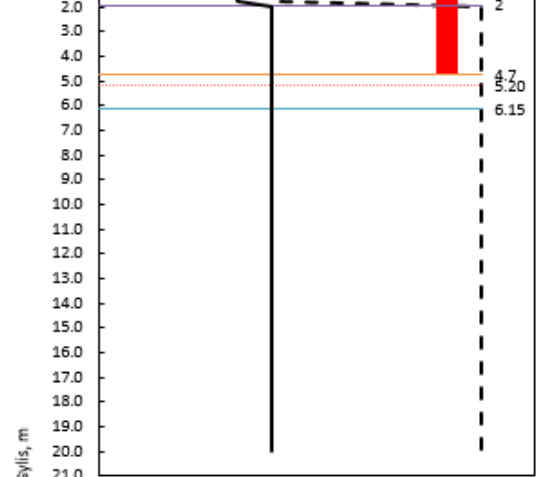
+0.8D 5.03

+4D 6.15

-8D 1.95

0D+d<sub>crit</sub> 5.20

max(p.v.g;-8D) 2



Grunto tipas	Žymėjimas	f <sub>s,max</sub> , kPa
Smėlis	S	120
L. rup. smėlis	LRS	120
Žvyras	Ž	120
Molis >3	M>3	200
Molis <3	M<3	150
Dulkis	D	0
Durpės	Dr	0

z, m	q <sub>c,i</sub> , MPa	f <sub>s,j</sub> , kPa	f <sub>s,max</sub> , kPa	Grunto tipas	α <sub>s,i</sub>	α <sub>s,j</sub>	p <sub>b,i</sub> , MPa	p <sub>s,j</sub> , MPa
0.0	1	0	120	S	0.8	0.01	0.80	0.000
0.2	1	0	120	S	0.8	0.01	0.80	0.000
0.4	1	0	120	S	0.8	0.01	0.80	0.000
0.6	1	0	120	S	0.8	0.01	0.80	0.000
0.8	1	0	120	S	0.8	0.01	0.80	0.000
1.0	1	0	120	S	0.8	0.01	0.80	0.000
1.2	1	0	120	S	0.8	0.01	0.80	0.000
1.4	1	0	120	S	0.8	0.01	0.80	0.000
1.6	1	0	120	S	0.8	0.01	0.80	0.000
1.8	1	0	120	S	0.8	0.01	0.80	0.000
2.0	2.2	60	150	M<3	1	0.02	0.99	0.044
2.2	2.2	60	150	M<3	1	0.02	0.99	0.044
2.4	2.2	60	150	M<3	1	0.02	0.99	0.044
2.6	2.2	60	150	M<3	1	0.02	0.99	0.044
2.8	2.2	60	150	M<3	1	0.02	0.99	0.044
3.0	2.2	60	150	M<3	1	0.02	0.99	0.044
3.2	2.2	80	150	M<3	1	0.02	0.99	0.044
3.4	2.2	80	150	M<3	1	0.02	0.99	0.044
3.6	2.2	80	150	M<3	1	0.02	0.99	0.044
3.8	2.2	80	150	M<3	1	0.02	0.99	0.044
4.0	2.2	90	150	M<3	1	0.02	0.99	0.044
4.2	2.2	90	150	M<3	1	0.02	0.99	0.044
4.4	2.2	90	150	M<3	1	0.02	0.99	0.044
4.6	2.2	90	150	M<3	1	0.02	0.99	0.044
4.8	2.2	90	150	M<3	1	0.02	0.99	0.044
5.0	2.2	90	150	M<3	1	0.02	0.99	0.044
5.2	2.2	80	150	M<3	1	0.02	0.99	0.044
5.4	2.2	80	150	M<3	1	0.02	0.99	0.044
5.6	2.2	80	150	M<3	1	0.02	0.99	0.044
5.8	2.2	80	150	M<3	1	0.02	0.99	0.044
6.0	2.2	80	150	M<3	1	0.02	0.99	0.044
6.2	2.2	70	150	M<3	1	0.02	0.99	0.044
6.4	2.2	70	150	M<3	1	0.02	0.99	0.044
6.6	2.2	70	150	M<3	1	0.02	0.99	0.044
6.8	2.2	70	150	M<3	1	0.02	0.99	0.044
7.0	2.2	70	150	M<3	1	0.02	0.99	0.044
7.2	2.2	70	150	M<3	1	0.02	0.99	0.044
7.4	2.2	70	150	M<3	1	0.02	0.99	0.044
7.6	2.2	70	150	M<3	1	0.02	0.99	0.044
7.8	2.2	70	150	M<3	1	0.02	0.99	0.044
8.0	2.2	70	150	M<3	1	0.02	0.99	0.044
8.2	2.2	100	150	M<3	1	0.02	0.99	0.044
8.4	2.2	100	150	M<3	1	0.02	0.99	0.044
8.6	2.2	100	150	M<3	1	0.02	0.99	0.044
8.8	2.2	100	150	M<3	1	0.02	0.99	0.044
9.0	2.2	100	150	M<3	1	0.02	0.99	0.044
9.2	2.2	100	150	M<3	1	0.02	0.99	0.044
9.4	2.2	100	150	M<3	1	0.02	0.99	0.044
9.6	2.2	100	150	M<3	1	0.02	0.99	0.044
9.8	2.2	100	150	M<3	1	0.02	0.99	0.044
10.0	2.2	100	150	M<3	1	0.02	0.99	0.044
10.2	2.2	100	150	M<3	1	0.02	0.99	0.044
10.4	2.2	100	150	M<3	1	0.02	0.99	0.044
10.6	2.2	100	150	M<3	1	0.02	0.99	0.044
10.8	2.2	100	150	M<3	1	0.02	0.99	0.044
11.0	2.2	100	150	M<3	1	0.02	0.99	0.044
11.2	2.2	100	150	M<3	1	0.02	0.99	0.044
11.4	2.2	100	150	M<3	1	0.02	0.99	0.044
11.6	2.2	100	150	M<3	1	0.02	0.99	0.044
11.8	2.2	100	150	M<3	1	0.02	0.99	0.044
12.0	2.2	100	150	M<3	1	0.02	0.99	0.044
12.2	2.2	100	150	M<3	1	0.02	0.99	0.044
12.4	2.2	100	150	M<3	1	0.02	0.99	0.044
12.6	2.2	100	150	M<3	1	0.02	0.99	0.044
12.8	2.2	100	150	M<3	1	0.02	0.99	0.044
13.0	2.2	100	150	M<3	1	0.02	0.99	0.044
13.2	2.2	100	150	M<3	1	0.02	0.99	0.044
13.4	2.2	100	150	M<3	1	0.02	0.99	0.044
13.6	2.2	100	150	M<3	1	0.02	0.99	0.044
13.8	2.2	100	150	M<3	1	0.02	0.99	0.044
14.0	2.2	100	150	M<3	1	0.02	0.99	0.044
14.2	2.2	100	150	M<3	1	0.02	0.99	0.044
14.4	2.2	100	150	M<3	1	0.02	0.99	0.044
14.6	2.2	100	150	M<3	1	0.02	0.99	0.044
14.8	2.2	100	150	M<3	1	0.02	0.99	0.044
15.0	2.2	100	150	M<3	1	0.02	0.99	0.044
15.2	2.2	100	150	M<3	1	0.02	0.99	0.044
15.4	2.2	100	150	M<3	1	0.02	0.99	0.044
15.6	2.2	100	150	M<3	1	0.02	0.99	0.044
15.8	2.2	100	150	M<3	1	0.02	0.99	0.044
16.0	2.2	100	150	M<3	1	0.02	0.99	0.044
16.2	2.2	100	150	M<3	1	0.02	0.99	0.044
16.4	2.2	100	150	M<3	1	0.02	0.99	0.044
16.6	2.2	100	150	M<3	1	0.02	0.99	0.044
16.8	2.2	100	150	M<3	1	0.02	0.99	0.044
17.0	2.2	100	150	M<3	1	0.02	0.99	0.044
17.2	2.2	100	150	M<3	1	0.02	0.99	0.044
17.4	2.2	100	150	M<3	1	0.02	0.99	0.044
17.6	2.2	100	150	M<3	1	0.02	0.99	0.044
17.8	2.2	100	150	M<3	1	0.02	0.99	0.044
18.0	2.2	100	150	M<3	1	0.02	0.99	0.044
18.2	2.2	100	150	M<3	1	0.02	0.99	0.044
18.4	2.2	100	150	M<3	1	0.02	0.99	0.044
18.6	2.2	100	150	M<3	1	0.02	0.99	0.044
18.8	2.2	100	150	M<3	1	0.02	0.99	0.044
19.0	2.2	100	150	M<3	1	0.02	0.99	0.044
19.2	2.2	100	150	M<3	1	0.02	0.99	0.044
19.4	2.2	100	150	M<3	1	0.02	0.99	0.044
19.6	2.2	100	150	M<3	1	0.02	0.99	0.044
19.8	2.2	100	150	M<3	1	0.02	0.99	0.044
20.0	2.2	100	150	M<3	1	0.02	0.99	0.044

max q<sub>c</sub> 2.2

Ribiniai įtempiai po polio padu:

$$p_{p,i} = \begin{cases} \alpha_{p,i} \cdot q_{c,i} & (\text{grunto tipai S; LRS; Ž}) \\ c_{u,i} = \frac{N_c \cdot q_{c,i}}{\alpha_{c,i}} & (\text{grunto tipai M > 3; M < 3; D; Dr}) \end{cases}$$

Ribiniai įtempiai ties polio šonu:

$$p_{s,i} = \min(\alpha_{s,i} \cdot q_{c,i}; f_{s,max})$$

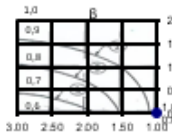
Polio laikomosios galios skaičiavimas pagal LST EN 1997-2 priedą D.7

Objektas Pakrovimo priestatas

SZ Nr.: 5

Polio tipas: CFA  
Apkrovos tipas: 3niuždymas

±0,00 = 76.15 m Absoliutinė pastato alt.  
CPT ž.p.alt = 74.90 m Zondavimo lygio abs. alt.  
S.p.v.alt = 1.8 m Sant. polio viršaus alt.  
A.p.v.alt = 74.35 m Abs. polio viršaus alt.  
L = 4 m Polio ilgis  
d = 1 m Šalčiui ir/arba suardymui jautraus grunto sluoksnio storis  
ΔL=L-d = 5 m Efektyvusis polio ilgis  
D = 0.35 m Polio skersmuo  
D<sub>00</sub> = 0.35 m Polio pado išplatinimo skersmuo  
H = 0 m Polio pado išplatinimo aukštis  
A<sub>0</sub> = 0.10 m<sup>2</sup> Polio skersmens plotas  
A<sub>00</sub> = 0.10 m<sup>2</sup> Polio išplatinimo skersmens plotas  
N<sub>c</sub> = 9 Laikomosios galios koef. taikomas tik moliniams gruntams  
α<sub>c</sub> = 20 q<sub>c</sub> ir C<sub>u</sub> koreliacijos koeficientas  
n = 6 Ištirtų pjūvių skaičius  
ξ<sub>3</sub> = 1.28 Vidutinės laik. galios reikšmės koreliacijos koef.  
ξ<sub>4</sub> = 1.14 Mažiausios laik. galios reikšmės koreliacijos koef.



H/D<sub>00</sub> = 0.00  
(D<sub>00</sub><sup>2</sup>)/(D<sup>2</sup>) = 1.00  
β = 1 Polio pado formos rodiklis  
S = 1 Polio pado formos koef.  
V<sub>Gk</sub> = 58.9 kN Nuolatinė charakteristinė apkrovos dalis  
V<sub>Qk</sub> = 29.4 kN Kintama charakteristinė apkrovos dalis  
W<sub>Gk</sub> = 10 kN Polio svoris W<sub>Gk</sub>=(A<sub>0</sub>·(L+H)+A<sub>00</sub>·H)·25  
Y<sub>G,A1</sub> = 1.35 Dalinis nuolatinės A1 grupės apkrovos koef.  
Y<sub>Q,A1</sub> = 1.3 Dalinis kintamos A1 grupės apkrovos koef.  
Y<sub>G,A2</sub> = 1 Dalinis nuolatinės A2 grupės apkrovos koef.  
Y<sub>Q,A2</sub> = 1.3 Dalinis kintamos A2 grupės apkrovos koef.  
Y<sub>b,R1</sub> = 1.1 Dalinis pado R1 grupės laik. galios koef.  
Y<sub>s,R1</sub> = 1 Dalinis šono R1 grupės laik. galios koef.  
Y<sub>b,R4</sub> = 1.45 Dalinis pado R4 grupės laik. galios koef.  
Y<sub>s,R4</sub> = 1.3 Dalinis šono R4 grupės laik. galios koef.  
p<sub>01</sub> = 0.86 MPa Vidutinė ribinių įtempių reikšmė intervale 0D - d<sub>crit</sub>  
p<sub>02</sub> = 0.86 MPa Mažiausioji ribinių įtempių reikšmė intervale 0D - d<sub>crit</sub>  
p<sub>03</sub> = 0.67 MPa Mažiausių ribinių įtempių vidutinė reikšmė intervale 0D - +8D

Kalibruojamoji pado laikomoji galia:

$$R_{b,cal} = 0.5 \cdot \beta \cdot s \cdot \left( \frac{(p_{01} + p_{02})}{2} + p_{03} \right) \cdot A_{D(D_{eq})} = 73 \text{ kN}$$

Kalibruojamoji šono laikomoji galia:

$$R_{s,cal} = \pi \cdot D \int_0^{\Delta L} p_{s,i} = 127 \text{ kN}$$

Kalibruojamoji suminė polio laikomoji galia:

$$R_{c,cal} = R_{b,cal} + R_{s,cal} = 200 \text{ kN}$$

Skaičiuotinė polio apkrova gniuždymo atveju:

$$V_{d,A1/A2} = (V_{Gk} + W_{Gk})Y_{G,A1/A2} + V_{Qk}Y_{Q,A1/A2}$$

Skaičiuotinė polio apkrova tempimo atveju:

$$V_{d,A1/A2} = V_{Gk}Y_{G,A1/A2} + 0.9W_{Gk} + V_{Qk}Y_{Q,A1/A2}$$

Pirmojo projektavimo atvejo pirmojo derinio A1+R1 tikrinimas:

$$R_{c,d,R1} = \frac{R_{b,cal}}{\xi_3 Y_{b,R1}} + \frac{R_{s,cal}}{\xi_4 Y_{s,R1}} = 151 \text{ kN} > V_{d,A1} = 131 \text{ kN}$$

Pirmojo projektavimo atvejo antrojo derinio A2+R4 tikrinimas:

$$R_{c,d,R4} = \frac{R_{b,cal}}{\xi_3 Y_{b,R4}} + \frac{R_{s,cal}}{\xi_4 Y_{s,R4}} = 116 \text{ kN} > V_{d,A2} = 107 \text{ kN}$$

0 Polio vaizdavimas x ašyje, m

Polio viršaus gylis, m

Polio apačios gylis, m

gis nuo kurio skaičiuojama trintis, m

0D

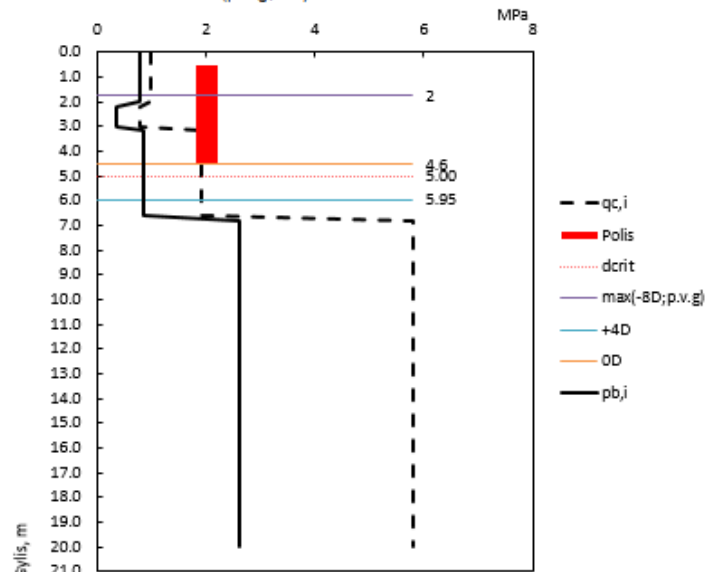
+0.8D

+4D

-8D

0D+d<sub>crit</sub>

max(p.v.g;-8D)



Ribiniai įtempiai po polio padu:

$$p_{bi} = \begin{cases} \alpha_{p,i} \cdot q_{c,i} & (\text{grunto tipai S; LRS; Ž}) \\ C_{u,i} = \frac{N_c \cdot q_{c,i}}{\alpha_{c,i}} & (\text{grunto tipai M > 3; M < 3; D; Dr}) \end{cases}$$

Ribiniai įtempiai ties polio šonu:

$$p_{si} = \min(\alpha_{s,i} \cdot q_{c,i}; f_{s,i}; f_{s,max})$$

z, m	q <sub>c,j</sub> , MPa	f <sub>s,j</sub> , kPa	f <sub>s,max</sub> , kPa	Grunto tipas	α <sub>p,j</sub>	α <sub>s,j</sub>	p <sub>p,j</sub> , MPa	p <sub>s,j</sub> , MPa
0.0	1	0	120	s	0.8	0.01	0.80	0.000
0.2	1	0	120	s	0.8	0.01	0.80	0.000
0.4	1	0	120	s	0.8	0.01	0.80	0.000
0.6	1	0	120	s	0.8	0.01	0.80	0.000
0.8	1	0	120	s	0.8	0.01	0.80	0.000
1.0	1	0	120	s	0.8	0.01	0.80	0.000
1.2	1	0	120	s	0.8	0.01	0.80	0.000
1.4	1	0	120	s	0.8	0.01	0.80	0.000
1.6	1	0	120	s	0.8	0.01	0.80	0.000
1.8	1	0	120	s	0.8	0.01	0.80	0.000
2.0	1	0	120	s	0.8	0.01	0.80	0.000
2.2	0.8	30	150	m<3	1	0.02	0.36	0.016
2.4	0.8	30	150	m<3	1	0.02	0.36	0.016
2.6	0.8	30	150	m<3	1	0.02	0.36	0.016
2.8	0.8	30	150	m<3	1	0.02	0.36	0.016
3.0	0.8	30	150	m<3	1	0.02	0.36	0.016
3.2	1.9	40	150	m<3	1	0.02	0.86	0.038
3.4	1.9	40	150	m<3	1	0.02	0.86	0.038
3.6	1.9	40	150	m<3	1	0.02	0.86	0.038
3.8	1.9	40	150	m<3	1	0.02	0.86	0.038
4.0	1.9	40	150	m<3	1	0.02	0.86	0.038
4.2	1.9	60	150	m<3	1	0.02	0.86	0.038
4.4	1.9	60	150	m<3	1	0.02	0.86	0.038
4.6	1.9	60	150	m<3	1	0.02	0.86	0.038
4.8	1.9	60	150	m<3	1	0.02	0.86	0.038
5.0	1.9	60	150	m<3	1	0.02	0.86	0.038
5.2	1.9	70	150	m<3	1	0.02	0.86	0.038
5.4	1.9	70	150	m<3	1	0.02	0.86	0.038
5.6	1.9	70	150	m<3	1	0.02	0.86	0.038
5.8	1.9	70	150	m<3	1	0.02	0.86	0.038
6.0	1.9	70	150	m<3	1	0.02	0.86	0.038
6.2	1.9	70	150	m<3	1	0.02	0.86	0.038
6.4	1.9	70	150	m<3	1	0.02	0.86	0.038
6.6	1.9	70	150	m<3	1	0.02	0.86	0.038
6.8	5.8	100	150	m<3	1	0.02	2.61	0.100
7.0	5.8	100	150	m<3	1	0.02	2.61	0.100
7.2	5.8	100	150	m<3	1	0.02	2.61	0.100
7.4	5.8	100	150	m<3	1	0.02	2.61	0.100
7.6	5.8	100	150	m<3	1	0.02	2.61	0.100
7.8	5.8	100	150	m<3	1	0.02	2.61	0.100
8.0	5.8	100	150	m<3	1	0.02	2.61	0.100
8.2	5.8	100	150	m<3	1	0.02	2.61	0.100
8.4	5.8	100	150	m<3	1	0.02	2.61	0.100
8.6	5.8	100	150	m<3	1	0.02	2.61	0.100
8.8	5.8	100	150	m<3	1	0.02	2.61	0.100
9.0	5.8	100	150	m<3	1	0.02	2.61	0.100
9.2	5.8	100	150	m<3	1	0.02	2.61	0.100
9.4	5.8	100	150	m<3	1	0.02	2.61	0.100
9.6	5.8	100	150	m<3	1	0.02	2.61	0.100
9.8	5.8	100	150	m<3	1	0.02	2.61	0.100
10.0	5.8	100	150	m<3	1	0.02	2.61	0.100
10.2	5.8	100	150	m<3	1	0.02	2.61	0.100
10.4	5.8	100	150	m<3	1	0.02	2.61	0.100
10.6	5.8	100	150	m<3	1	0.02	2.61	0.100
10.8	5.8	100	150	m<3	1	0.02	2.61	0.100
11.0	5.8	100	150	m<3	1	0.02	2.61	0.100
11.2	5.8	100	150	m<3	1	0.02	2.61	0.100
11.4	5.8	100	150	m<3	1	0.02	2.61	0.100
11.6	5.8	100	150	m<3	1	0.02	2.61	0.100
11.8	5.8	100	150	m<3	1	0.02	2.61	0.100
12.0	5.8	100	150	m<3	1	0.02	2.61	0.100
12.2	5.8	100	150	m<3	1	0.02	2.61	0.100
12.4	5.8	100	150	m<3	1	0.02	2.61	0.100
12.6	5.8	100	150	m<3	1	0.02	2.61	0.100
12.8	5.8	100	150	m<3	1	0.02	2.61	0.100
13.0	5.8	100	150	m<3	1	0.02	2.61	0.100
13.2	5.8	100	150	m<3	1	0.02	2.61	0.100
13.4	5.8	100	150	m<3	1	0.02	2.61	0.100
13.6	5.8	100	150	m<3	1	0.02	2.61	0.100
13.8	5.8	100	150	m<3	1	0.02	2.61	0.100
14.0	5.8	100	150	m<3	1	0.02	2.61	0.100
14.2	5.8	100	150	m<3	1	0.02	2.61	0.100
14.4	5.8	100	150	m<3	1	0.02	2.61	0.100
14.6	5.8	100	150	m<3	1	0.02	2.61	0.100
14.8	5.8	100	150	m<3	1	0.02	2.61	0.100
15.0	5.8	100	150	m<3	1	0.02	2.61	0.100
15.2	5.8	100	150	m<3	1	0.02	2.61	0.100
15.4	5.8	100	150	m<3	1	0.02	2.61	0.100
15.6	5.8	100	150	m<3	1	0.02	2.61	0.100
15.8	5.8	100	150	m<3	1	0.02	2.61	0.100
16.0	5.8	100	150	m<3	1	0.02	2.61	0.100
16.2	5.8	100	150	m<3	1	0.02	2.61	0.100
16.4	5.8	100	150	m<3	1	0.02	2.61	0.100
16.6	5.8	100	150	m<3	1	0.02	2.61	0.100
16.8	5.8	100	150	m<3	1	0.02	2.61	0.100
17.0	5.8	100	150	m<3	1	0.02	2.61	0.100
17.2	5.8	100	150	m<3	1	0.02	2.61	0.100
17.4	5.8	100	150	m<3	1	0.02	2.61	0.100
17.6	5.8	100	150	m<3	1	0.02	2.61	0.100
17.8	5.8	100	150	m<3	1	0.02	2.61	0.100
18.0	5.8	100	150	m<3	1	0.02	2.61	0.100
18.2	5.8	100	150	m<3	1	0.02	2.61	0.100
18.4	5.8	100	150	m<3	1	0.02	2.61	0.100
18.6	5.8	100	150	m<3	1	0.02	2.61	0.100
18.8	5.8	100	150	m<3	1	0.02	2.61	0.100
19.0	5.8	100	150	m<3	1	0.02	2.61	0.100
19.2	5.8	100	150	m<3	1	0.02	2.61	0.100
19.4	5.8	100	150	m<3	1	0.02	2.61	0.100
19.6	5.8	100	150	m<3	1	0.02	2.61	0.100
19.8	5.8	100	150	m<3	1	0.02	2.61	0.100
20.0	5.8	100	150	m<3	1	0.02	2.61	0.100
max q <sub>c</sub>	5.8							



#### 2.14.4 Pamatų skaičiavimas nuo horizontalių ir vertikalių apkrovų (d=1,0 m)

Atliekamas CFA gręžtinių pamatų skaičiavimas, veikiant horizontaliai apkrovai.

Skaiciavimuose vertinami sandėlio perimetro pamatai. Pamatų išdėstymą žr. pamatų planų br.

Gruntų duomenys priimti pagal IGT GR-5.

Settings

Analysis settings : (input for current task)

Concrete structures : EN 1992-1-1 (EC2)

Coefficients EN 1992-1-1 : standard

Steel structures : EN 1993-1-1 (EC3)

Partial factor on bearing capacity of steel cross section :  $\gamma_{M0} = 1.00$

Timber structures : EN 1995-1-1 (EC5)

Partial factor for timber property :  $\gamma_M = 1.30$

Modif. factor of load duration and moisture content :  $k_{mod} = 0.50$

Coeff. of effective width for shear stress :  $k_{cr} = 0.67$

Analysis for undrained conditions : Tomlinson

Load settlement curve : nonlinear (Masopust)

Horizontal bearing capacity : Elastic subsoil (p-y method)

Verification methodology : according to EN 1997

Design approach : 3 - reduction of actions (GEO, STR) and soil parameters

Select settings

Settings administrator

Add to administrator

Edit

2.216 pav. Normatyviniai dokumentai

Analysis method

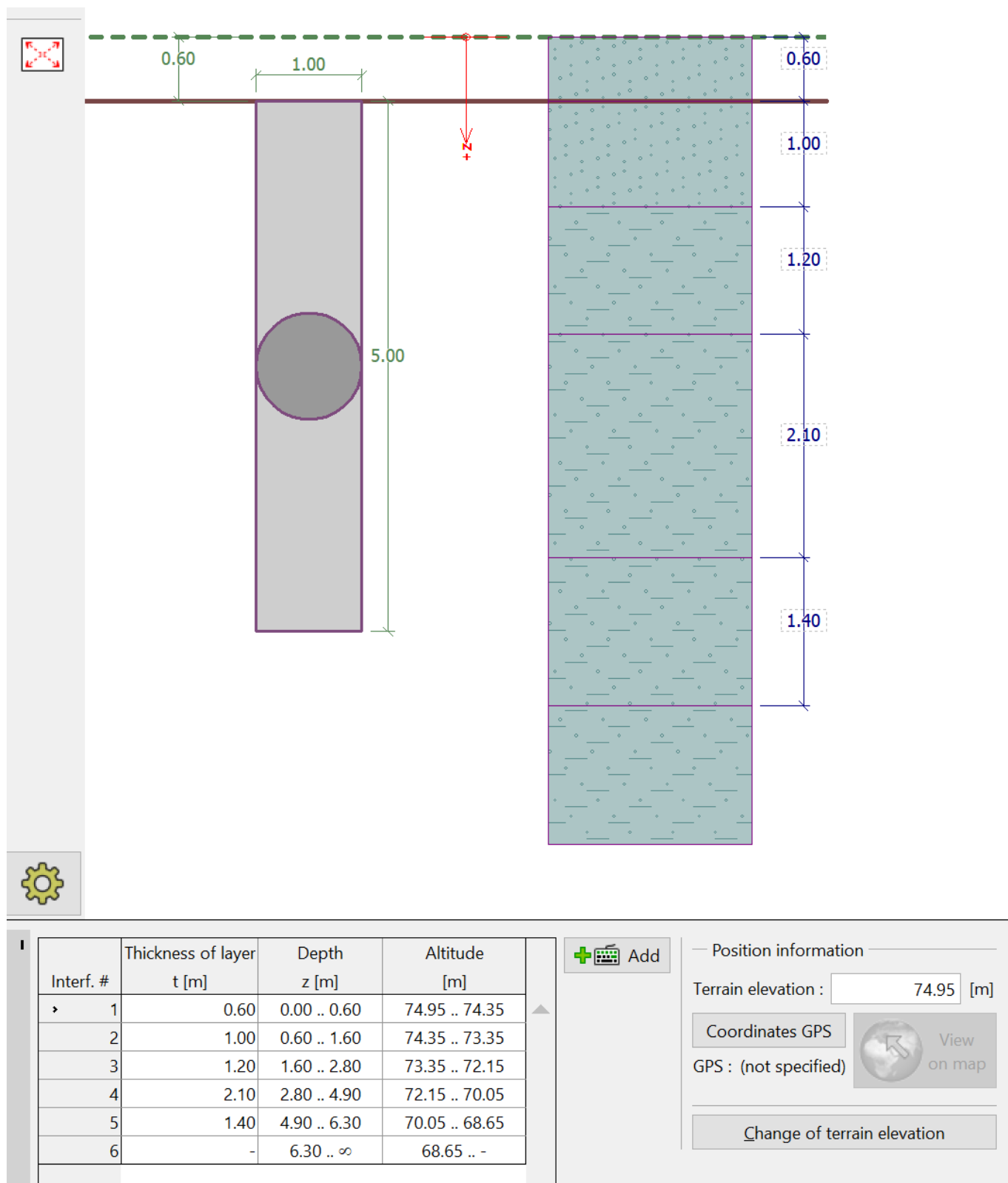
Analysis of vertical bearing capacity : analytical solution

Analysis type : analysis for undrained conditions

☐ Do not calculate horizontal bearing capacity

2.217 pav. Prielaidos

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	239	267	0



2.218 pav. Gręžinio profilis

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	240	267	0

+

Add

☰

Remove 4 items

No.	Soil name
1	Sutankintas smėlio - žvyro mišinys
2	8 - Moreninis smėlingas
3	9 - Moreninis smėlingas
4	11 - Moreninis smėlingas

Soils

▲

▼

**Sutankintas smėlio - žvyro mišinys**

Unit weight :  $\gamma$  = 20.00 kN/m<sup>3</sup>  
Poisson's ratio :  $\nu$  = 0.28  
Oedometric modulus :  $E_{oed}$  = 60.00 MPa  
Saturated unit weight :  $\gamma_{sat}$  = 20.00 kN/m<sup>3</sup>  
Coefficient :  $k$  = 250.00 MN/m<sup>3</sup>  
Angle of dispersion :  $\beta$  = 15.00 °  
Cohesion of soil :  $c_u$  = 0.00 kPa

**8 - Moreninis smėlingas plastiškumo molis**

Unit weight :  $\gamma$  = 18.50 kN/m<sup>3</sup>  
Poisson's ratio :  $\nu$  = 0.35  
Oedometric modulus :  $E_{oed}$  = 9.00 MPa  
Saturated unit weight :  $\gamma_{sat}$  = 18.50 kN/m<sup>3</sup>  
Coefficient :  $k$  = 70.00 MN/m<sup>3</sup>  
Angle of dispersion :  $\beta$  = 15.00 °  
Cohesion of soil :  $c_u$  = 50.00 kPa

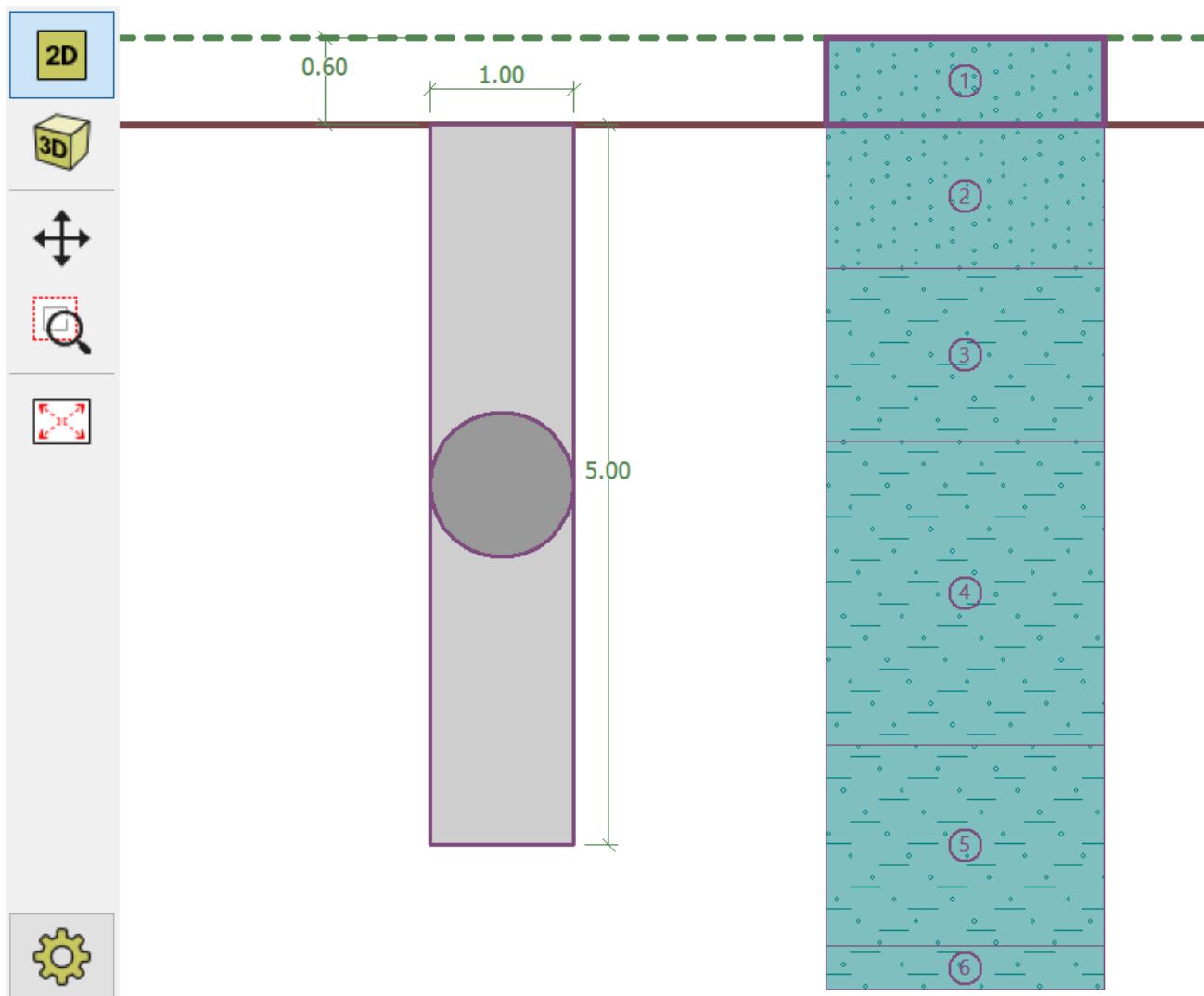
**9 - Moreninis smėlingas plastiškumo molis**

Unit weight :  $\gamma$  = 18.50 kN/m<sup>3</sup>  
Poisson's ratio :  $\nu$  = 0.35  
Oedometric modulus :  $E_{oed}$  = 22.00 MPa  
Saturated unit weight :  $\gamma_{sat}$  = 18.50 kN/m<sup>3</sup>  
Coefficient :  $k$  = 90.00 MN/m<sup>3</sup>  
Angle of dispersion :  $\beta$  = 15.00 °  
Cohesion of soil :  $c_u$  = 50.00 kPa

**11 - Moreninis smėlingas plastiškumo molis**

Unit weight :  $\gamma$  = 18.50 kN/m<sup>3</sup>  
Poisson's ratio :  $\nu$  = 0.35  
Oedometric modulus :  $E_{oed}$  = 33.00 MPa  
Saturated unit weight :  $\gamma_{sat}$  = 18.50 kN/m<sup>3</sup>  
Coefficient :  $k$  = 110.00 MN/m<sup>3</sup>  
Angle of dispersion :  $\beta$  = 15.00 °  
Cohesion of soil :  $c_u$  = 50.00 kPa

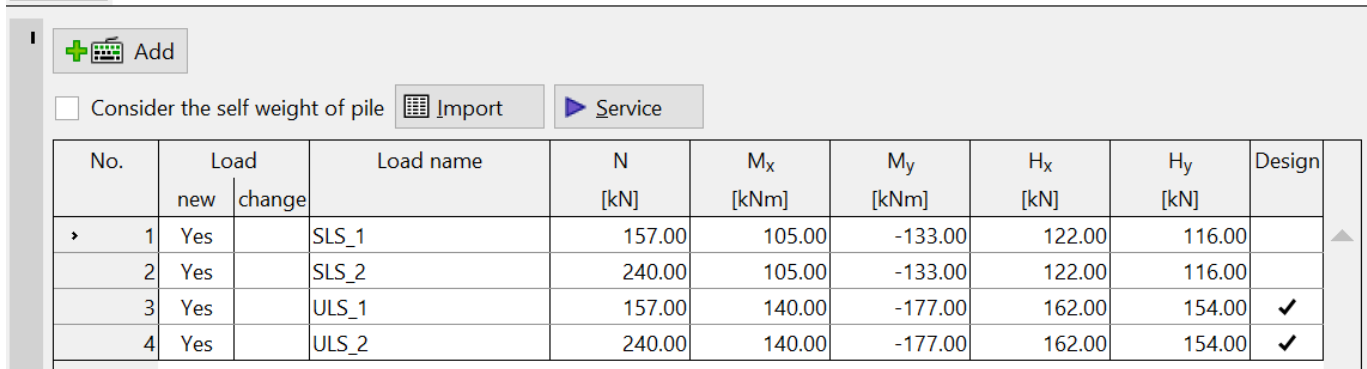
2.219 pav. Gruntų charakteristikos (gręžinio Nr. 5)

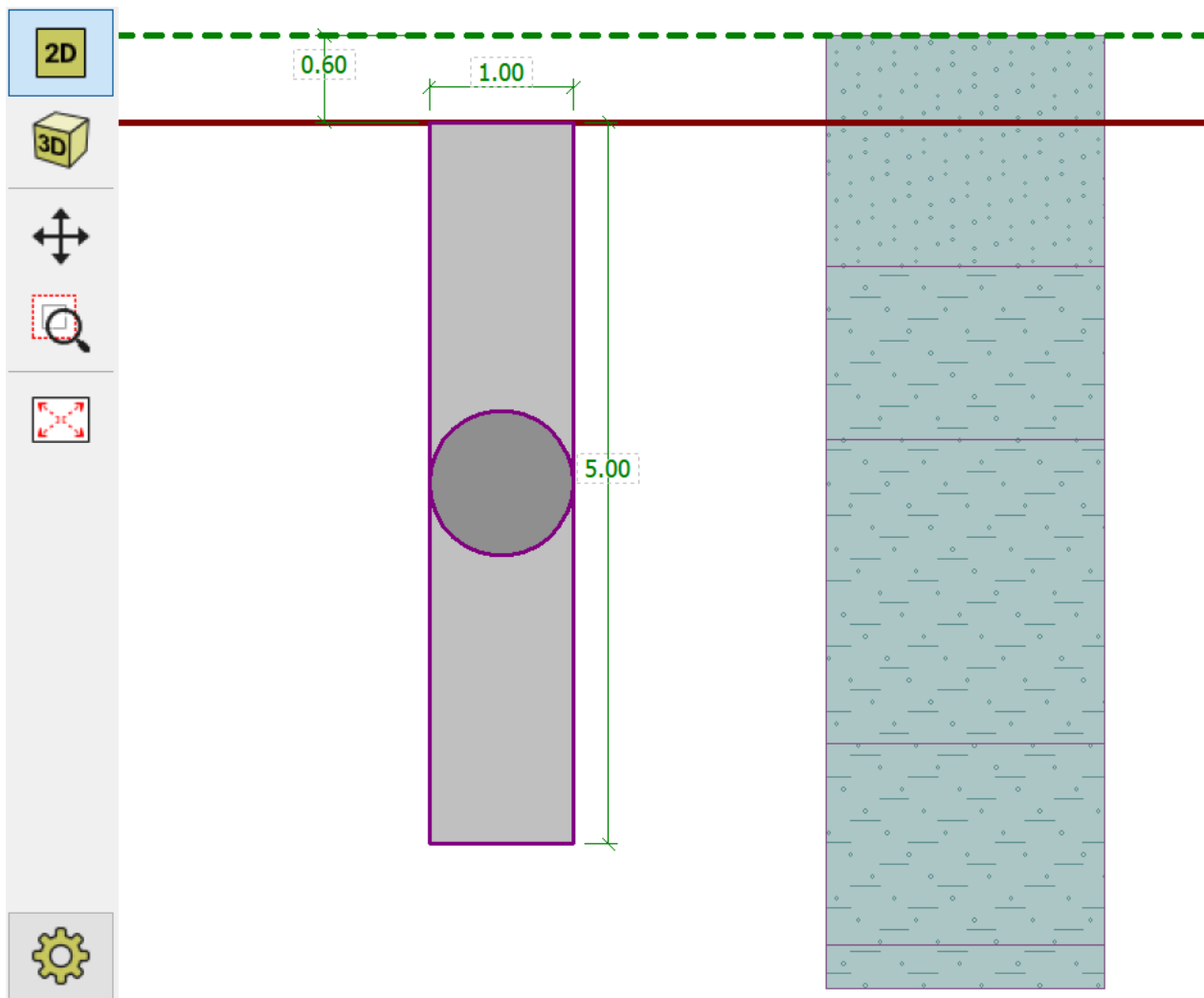


Assignment by left-click :  
Sutankintas smėlio - žvyro mišinys

Layer	Thickness [m]	Assigned soil
1	0.60	Sutankintas smėlio - ž▼
2	1.00	Sutankintas smėlio - ž▼
3	1.20	8 - Moreninis smėling▼
4	2.10	9 - Moreninis smėling▼
5	1.40	11 - Moreninis smėlin▼
6		11 - Moreninis smėlin▼

2.220 pav. Gruntų priskyrimas





**Basic dimensions**

Cross section of pile :

Pile diameter :  $d =$   [m]

Pile length :  $l =$   [m]

Material of pile :

Technology :

**Location**

Pile head offset :  $h =$   [m]

Depth of finished grade :  $h_z =$   [m]

**2.222 pav. Geometrija**

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	244	267	0

Unit weight of str.: $\gamma =$ <input style="width: 50px;" type="text" value="23,00"/> [kN/m <sup>3</sup> ]					
Concrete		Longitudinal reinforcement		Transverse reinforcement	
<input type="button" value="Catalog"/>	<input type="button" value="User def."/>	<input type="button" value="Catalog"/>	<input type="button" value="User def."/>	<input type="button" value="Catalog"/>	<input type="button" value="User def."/>
<b>C 25/30</b> $f_{ck} = 25,00$ MPa $f_{ctm} = 2,60$ MPa $E_{cm} = 31000,00$ MPa $G = 12917,00$ MPa		<b>B500</b> $f_{yk} = 500,00$ MPa		<b>B500</b> $f_{yk} = 500,00$ MPa	

**2.223 pav. Medžiagos**



#### 2.14.5 Pamatų skaičiavimo nuo horizontalių ir vertikalių apkrovų rezultatai (d=1,0 m)

##### Verification of bearing capacity : Tomlinson

Analysis carried out with automatic selection of the most unfavourable load cases.

Verification of compressive pile:

Most unfavorable load case No. 4. (ULS\_2)

Pile skin bearing capacity  $R_s = 430.85 \text{ kN}$

Pile base bearing capacity  $R_b = 252.45 \text{ kN}$

Pile bearing capacity  $R_c = 683.30 \text{ kN}$

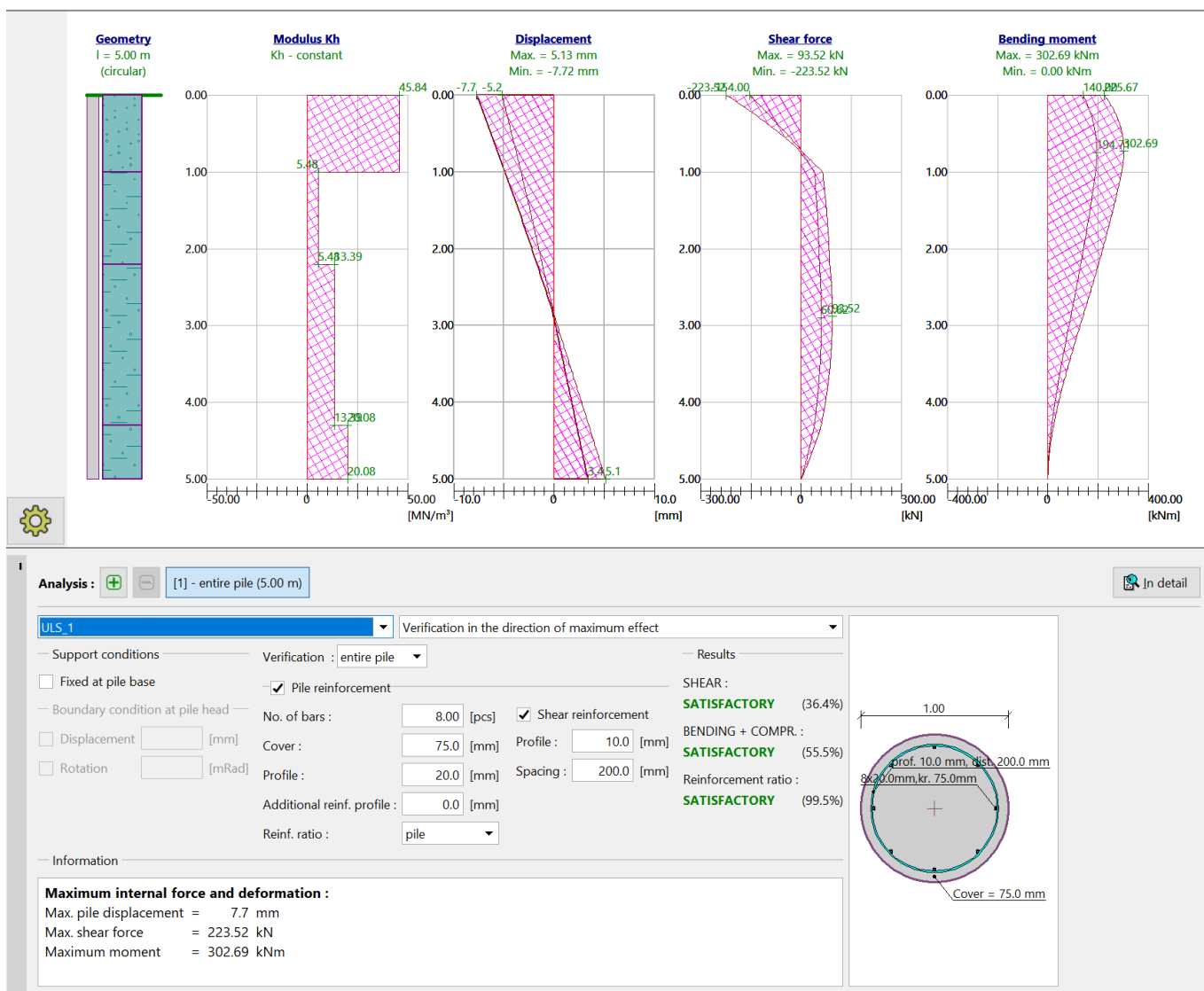
Ultimate vertical force  $V_d = 240.00 \text{ kN}$

$$R_c = 683.30 \text{ kN} > 240.00 \text{ kN} = V_d$$

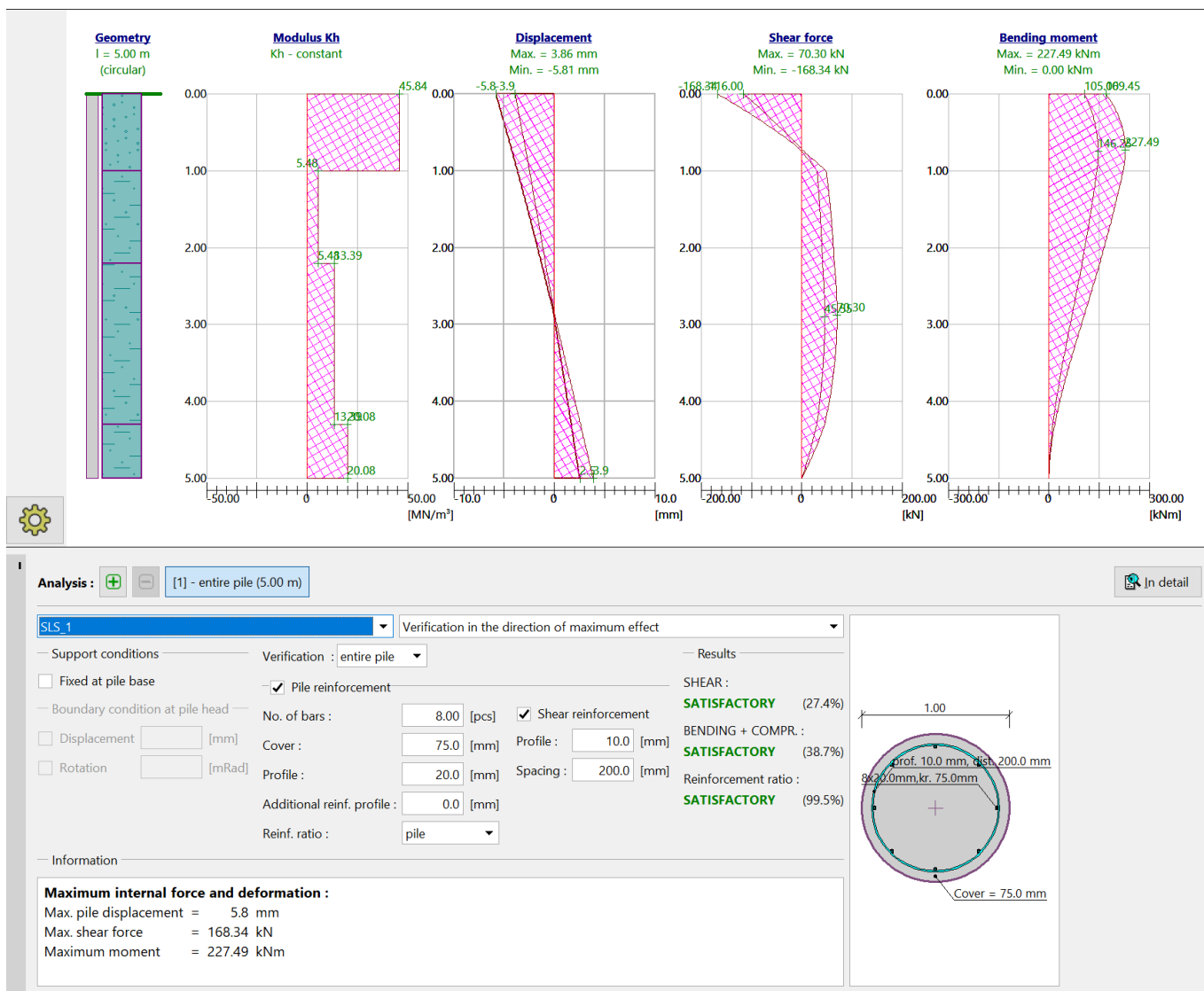
Pile bearing capacity is SATISFACTORY

**2.224 pav.** Pamato pagrindo laikomoji galia nuo vertikalios apkrovos (stiprumo derinys)

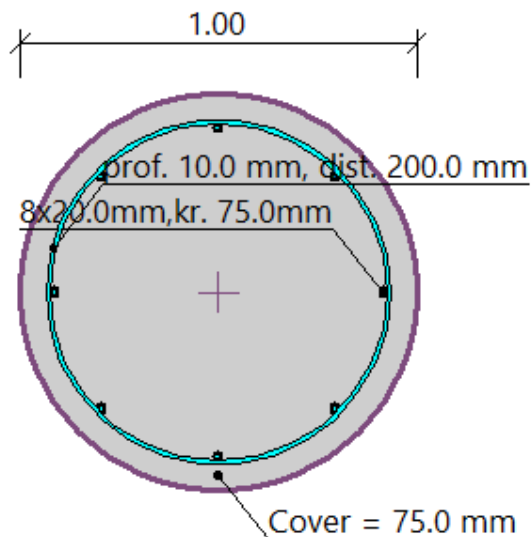
SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	246	267	0



2.225 pav. Polio projektavimo rezultatai (stiprumo derinys)



2.226 pav. Polio projektavimo rezultatai (tinkamumo derinys)



2.227 pav. Polio skerspjūvis

**Maximum internal force and deformation :**

Max. pile displacement = 7.7 mm  
 Max. shear force = 223.52 kN  
 Maximum moment = 302.69 kNm

**Verification of cross section in bending and compression:**

Reinforcement - 8 pc bars 20.0 mm; cover 75.0 mm  
 Type of structure (reinforcement ratio) : pile  
 Reinforcement ratio  $\rho = 0.320 \% > 0.318 \% = \rho_{min}$   
 Load :  $N_{Ed} = -157.00$  kN (compression) ;  $M_{Ed} = 302.69$  kNm  
 Bearing capacity :  $N_{Rd} = -282.67$  kN;  $M_{Rd} = 544.98$  kNm

Designed pile reinforcement is SATISFACTORY

**Verification of cross section in shear:**

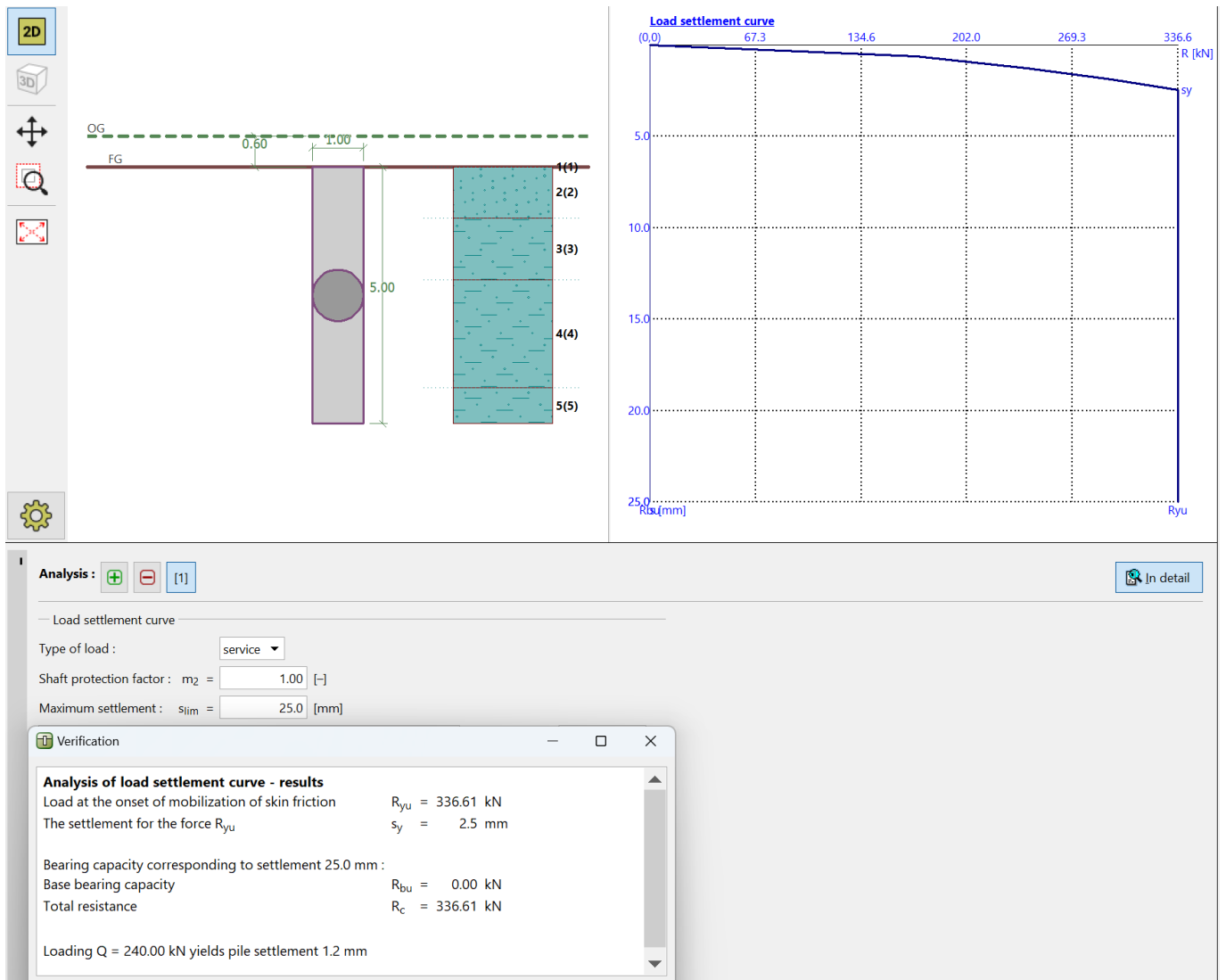
Shear reinf. - 2 profile 10.0 mm; distance 200.0 mm  
 $A_{sw} = 785.4$  mm<sup>2</sup>  
 Ultimate shear force:  $V_{Rd} = 614.66$  kN  $> 223.52$  kN =  $V_{Ed}$

Cross-section is SATISFACTORY.

only minimal shear reinforcement

2.228 pav. Polio projektavimo rezultatai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	249	267	0



2.229 pav. Polio nuosėdis

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	250	267	0

## 2.14.6 Pamatų skaičiavimas nuo horizontalių ir vertikalių apkrovų (d=0,8 m)

Atliekamas CFA gręžtinių pamatų skaičiavimas, veikiant horizontaliai apkrovai.

Skaiciavimuose vertinami sandėlio perimetro pamatai. Pamatų išdėstymą žr. pamatų planų br.

Gruntų duomenys priimti pagal IGT GR-5.

Settings

Analysis settings : (input for current task)

Concrete structures : EN 1992-1-1 (EC2)

Coefficients EN 1992-1-1 : standard

Steel structures : EN 1993-1-1 (EC3)

Partial factor on bearing capacity of steel cross section :  $\gamma_{M0} = 1.00$

Timber structures : EN 1995-1-1 (EC5)

Partial factor for timber property :  $\gamma_M = 1.30$

Modif. factor of load duration and moisture content :  $k_{mod} = 0.50$

Coeff. of effective width for shear stress :  $k_{cr} = 0.67$

Analysis for undrained conditions : Tomlinson

Load settlement curve : nonlinear (Masopust)

Horizontal bearing capacity : Elastic subsoil (p-y method)

Verification methodology : according to EN 1997

Design approach : 3 - reduction of actions (GEO, STR) and soil parameters

Select settings

Settings administrator

Add to administrator

Edit

2.230 pav. Normatyviniai dokumentai

Analysis method

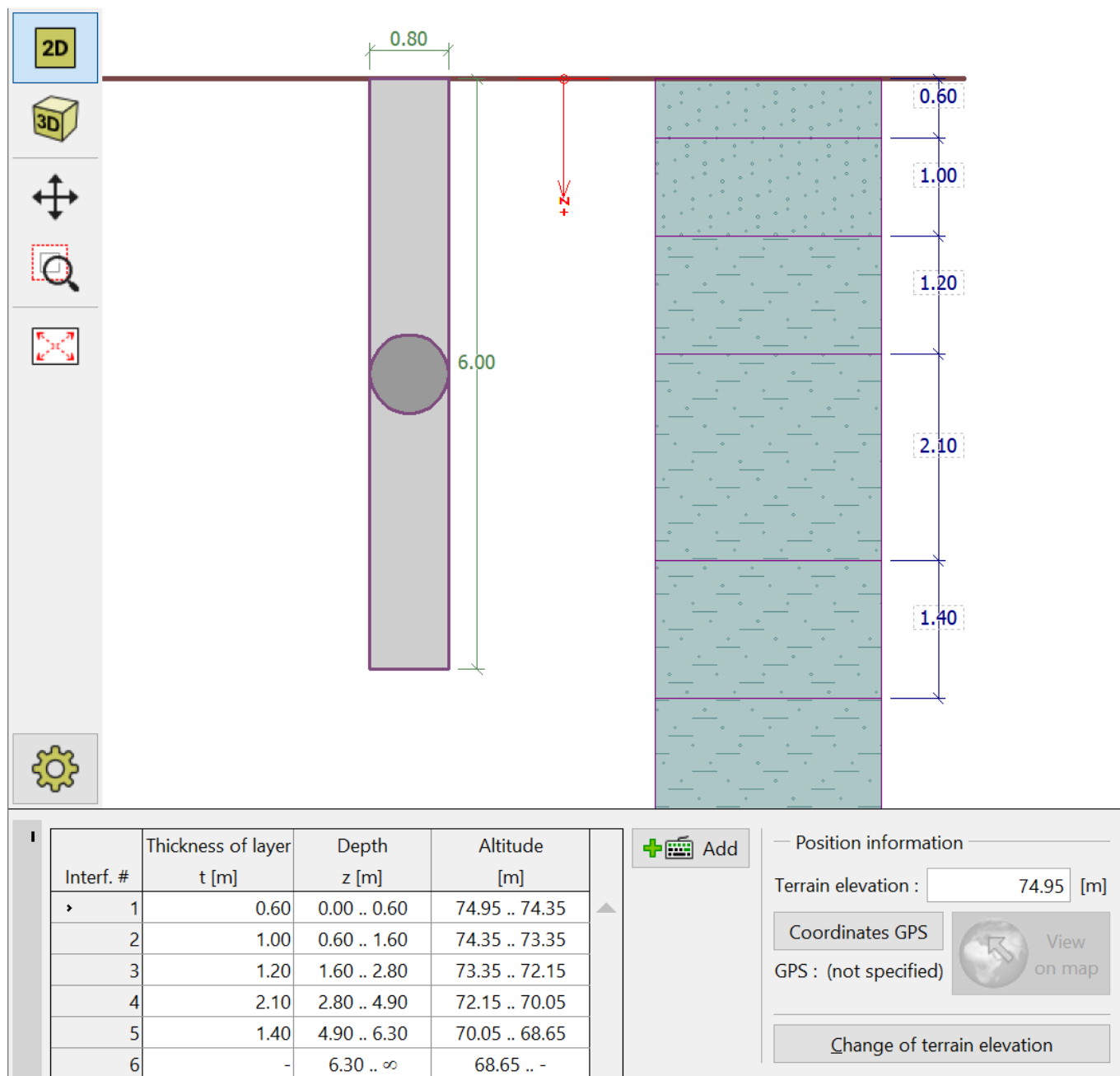
Analysis of vertical bearing capacity : analytical solution

Analysis type : analysis for undrained conditions

☐ Do not calculate horizontal bearing capacity

2.231 pav. Prielaidos

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	251	267	0



2.232 pav. Gręžinio profilis



+

Add

☰

Remove 4 items

No.	Soil name
1	Sutankintas smėlio - žvyro mišinys
2	8 - Moreninis smėlingas
3	9 - Moreninis smėlingas
4	11 - Moreninis smėlingas

Soils

▲

▼

▲

▼

**Sutankintas smėlio - žvyro mišinys**

Unit weight :  $\gamma$  = 20.00 kN/m<sup>3</sup>  
Poisson's ratio :  $\nu$  = 0.28  
Oedometric modulus :  $E_{oed}$  = 60.00 MPa  
Saturated unit weight :  $\gamma_{sat}$  = 20.00 kN/m<sup>3</sup>  
Coefficient :  $k$  = 250.00 MN/m<sup>3</sup>  
Angle of dispersion :  $\beta$  = 15.00 °  
Cohesion of soil :  $c_u$  = 0.00 kPa

**8 - Moreninis smėlingas plastiškumo molis**

Unit weight :  $\gamma$  = 18.50 kN/m<sup>3</sup>  
Poisson's ratio :  $\nu$  = 0.35  
Oedometric modulus :  $E_{oed}$  = 9.00 MPa  
Saturated unit weight :  $\gamma_{sat}$  = 18.50 kN/m<sup>3</sup>  
Coefficient :  $k$  = 70.00 MN/m<sup>3</sup>  
Angle of dispersion :  $\beta$  = 15.00 °  
Cohesion of soil :  $c_u$  = 50.00 kPa

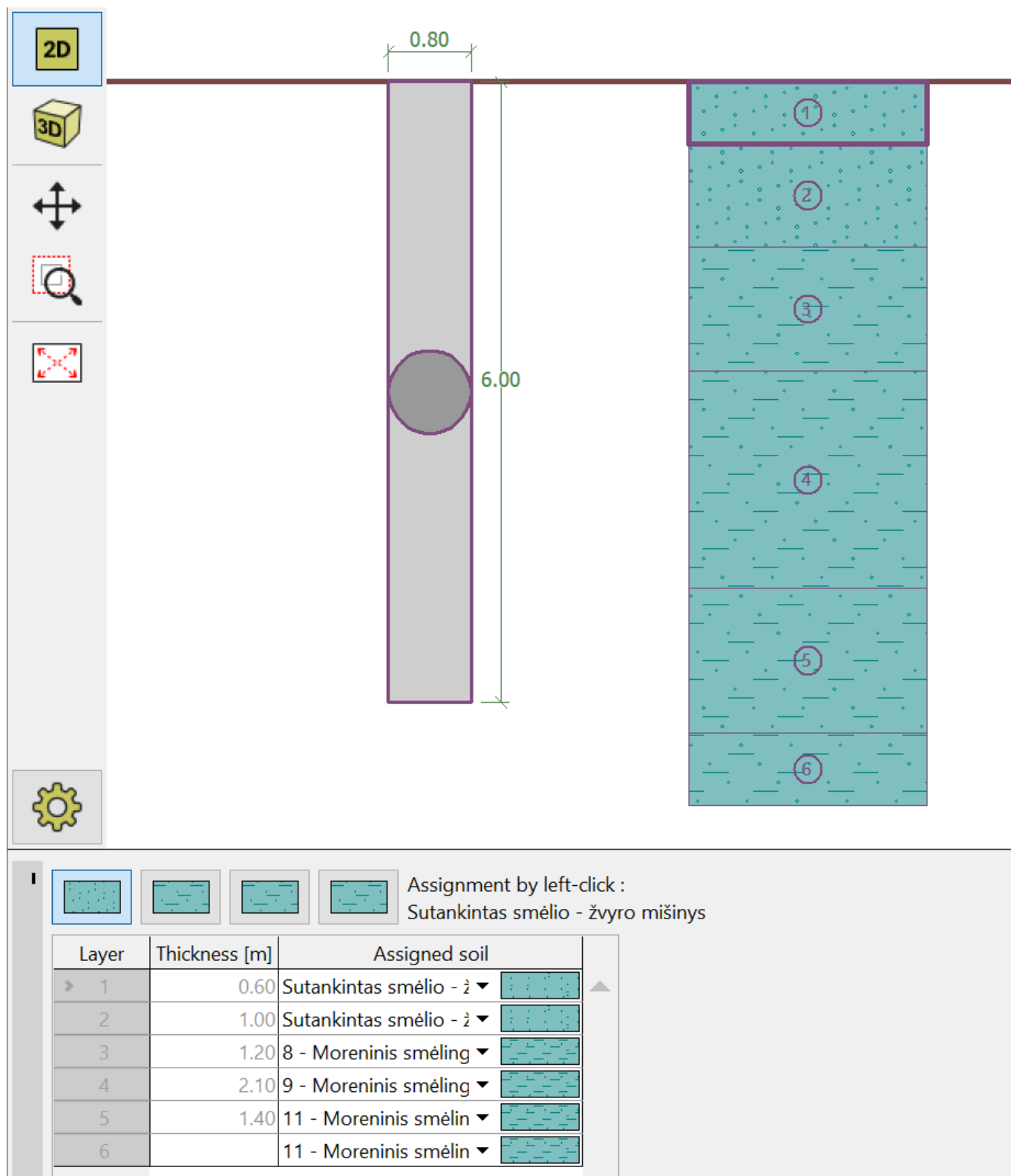
**9 - Moreninis smėlingas plastiškumo molis**

Unit weight :  $\gamma$  = 18.50 kN/m<sup>3</sup>  
Poisson's ratio :  $\nu$  = 0.35  
Oedometric modulus :  $E_{oed}$  = 22.00 MPa  
Saturated unit weight :  $\gamma_{sat}$  = 18.50 kN/m<sup>3</sup>  
Coefficient :  $k$  = 90.00 MN/m<sup>3</sup>  
Angle of dispersion :  $\beta$  = 15.00 °  
Cohesion of soil :  $c_u$  = 50.00 kPa

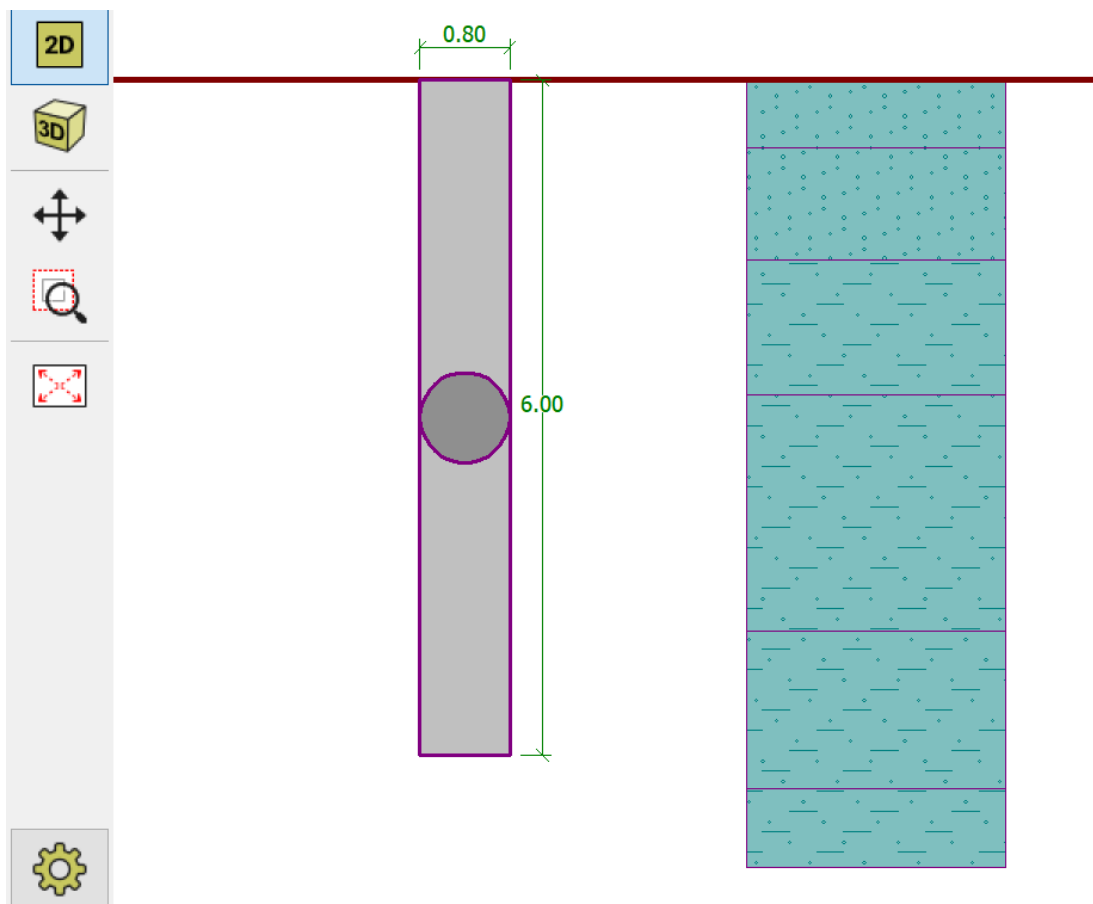
**11 - Moreninis smėlingas plastiškumo molis**

Unit weight :  $\gamma$  = 18.50 kN/m<sup>3</sup>  
Poisson's ratio :  $\nu$  = 0.35  
Oedometric modulus :  $E_{oed}$  = 33.00 MPa  
Saturated unit weight :  $\gamma_{sat}$  = 18.50 kN/m<sup>3</sup>  
Coefficient :  $k$  = 110.00 MN/m<sup>3</sup>  
Angle of dispersion :  $\beta$  = 15.00 °  
Cohesion of soil :  $c_u$  = 50.00 kPa

2.233 pav. Gruntų charakteristikos (gręžinio Nr. 5)



2.234 pav. Gruntų priskyrimas



<div> <div> Add</div> <div> <input type="checkbox"/> Consider the self weight of pile <div> <div> Import</div> <div> Service</div> </div> </div> </div>									
No.	Load		Load name	N [kN]	M <sub>x</sub> [kNm]	M <sub>y</sub> [kNm]	H <sub>x</sub> [kN]	H <sub>y</sub> [kN]	Design
	new	change							
1	Yes		SLS_1	126.00	8.00	-46.00	7.00	1.00	
2	Yes		SLS_2	133.00	8.00	-46.00	7.00	1.00	
3	Yes		ULS_1	168.00	11.00	-61.00	9.00	1.00	✓
4	Yes		ULS_2	177.00	11.00	-61.00	9.00	1.00	✓

2.235 pav. Apkrovos į pamatą

2D

3D

↕

🔍

🔧

**I** — Basic dimensions

Cross section of pile : circular

Pile diameter : d = 0.80 [m]

Pile length : l = 6.00 [m]

Material of pile : concrete

— Technology

Technology : CFA piles

— Location

Pile head offset : h = 0.00 [m]

Depth of finished grade : h<sub>z</sub> = 0.00 [m]

**2.236 pav. Geometrija**

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	256	267	0

Unit weight of str.:  $\gamma =$   [kN/m<sup>3</sup>]

Concrete		Longitudinal reinforcement		Transverse reinforcement	
Catalog	User def.	Catalog	User def.	Catalog	User def.
<b>C 25/30</b> $f_{ck} = 25,00$ MPa $f_{ctm} = 2,60$ MPa $E_{cm} = 31000,00$ MPa $G = 12917,00$ MPa		<b>B500</b> $f_{yk} = 500,00$ MPa		<b>B500</b> $f_{yk} = 500,00$ MPa	

**2.237 pav. Medžiagos**

#### 2.14.7 Pamatų skaičiavimo nuo horizontalių ir vertikalų apkrovų rezultatai (d=0,8 m)

##### Verification of bearing capacity : Tomlinson

Analysis carried out with automatic selection of the most unfavourable load cases.

Verification of compressive pile:

Most unfavorable load case No. 4. (ULS\_2)

Pile skin bearing capacity  $R_s = 379.15 \text{ kN}$

Pile base bearing capacity  $R_b = 161.57 \text{ kN}$

Pile bearing capacity  $R_c = 540.71 \text{ kN}$

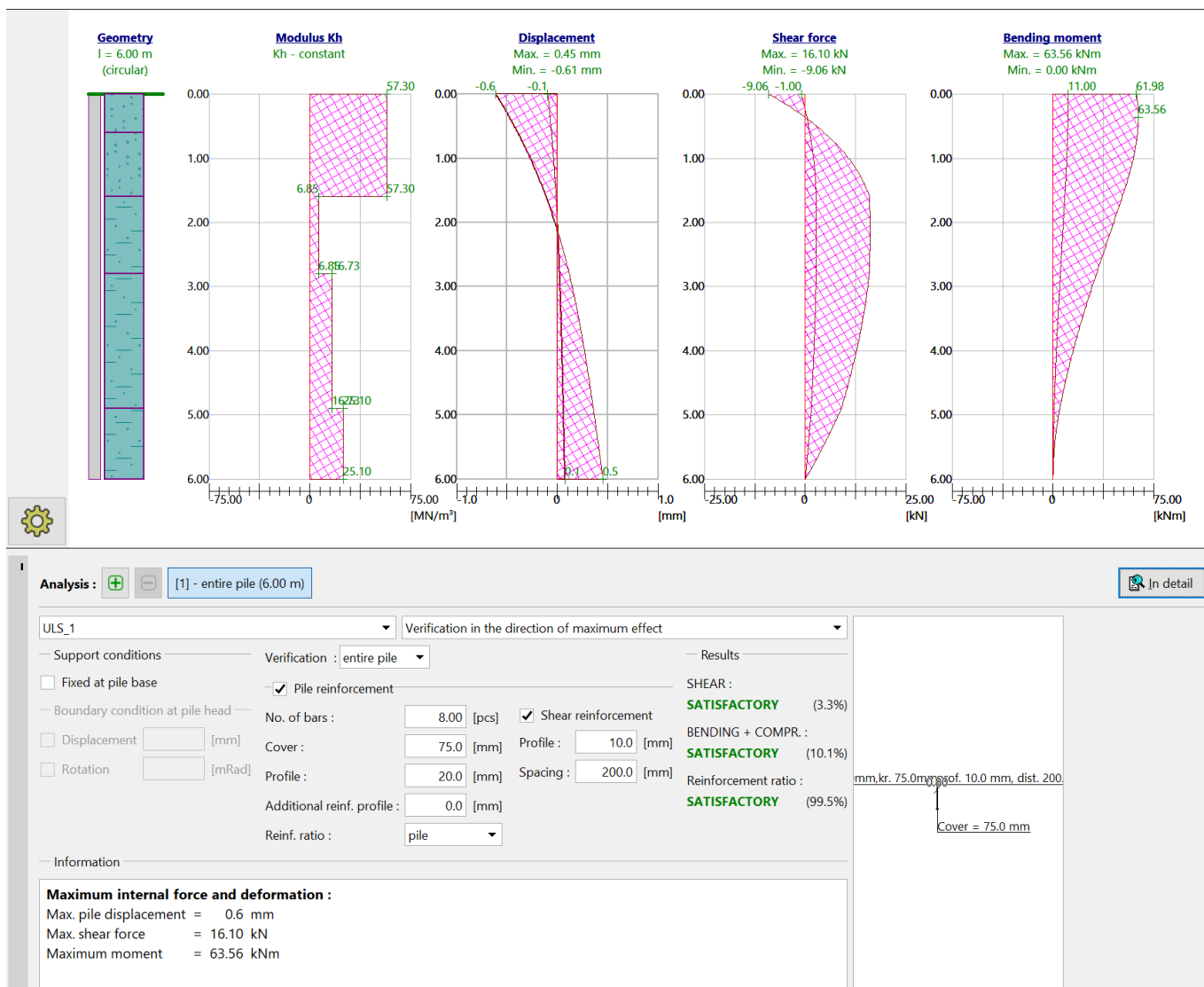
Ultimate vertical force  $V_d = 177.00 \text{ kN}$

$$R_c = 540.71 \text{ kN} > 177.00 \text{ kN} = V_d$$

Pile bearing capacity is SATISFACTORY

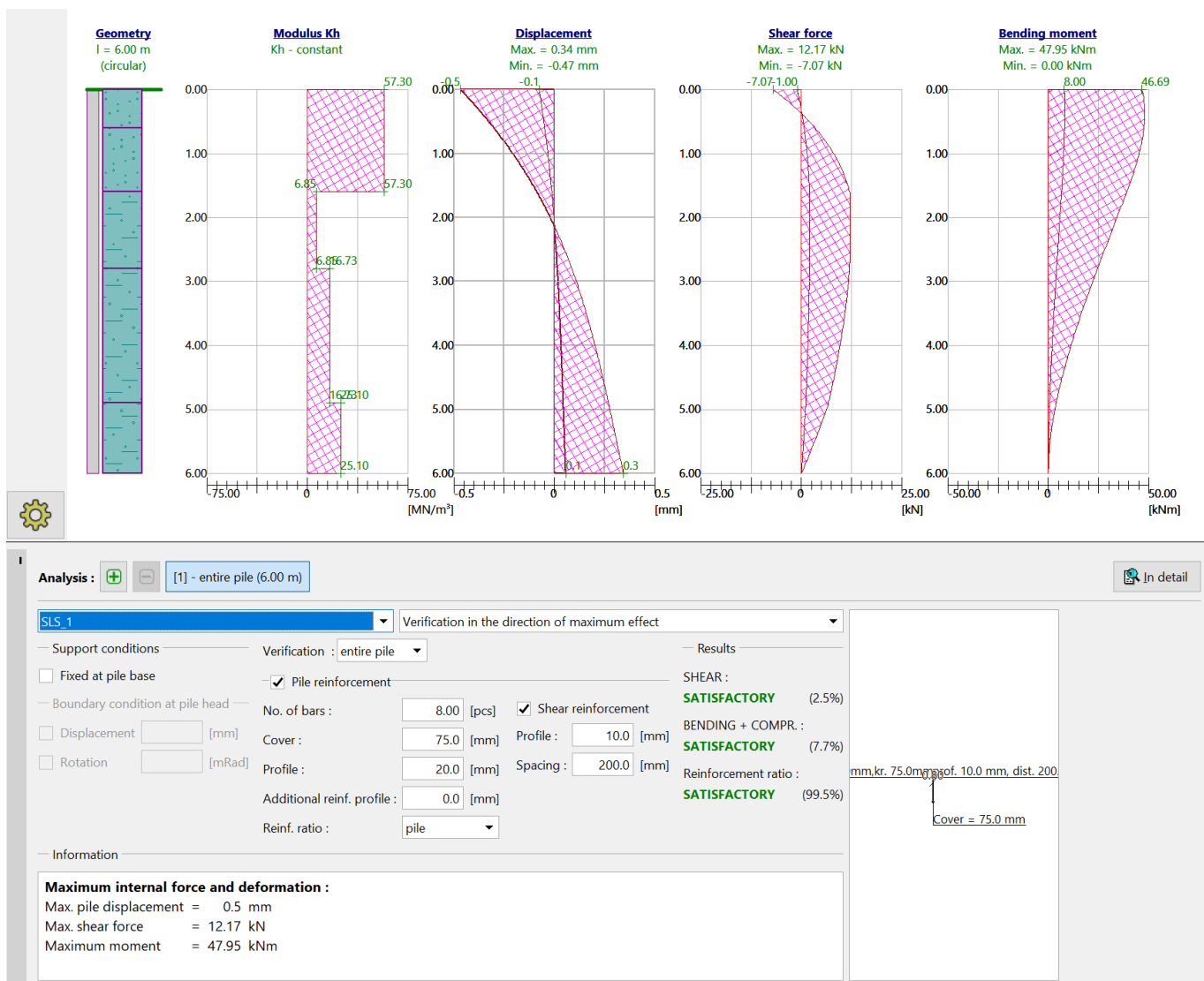
**2.238 pav.** Pamato pagrindo laikomoji galia nuo vertikalios apkrovos (stiprumo derinys)

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	258	267	0

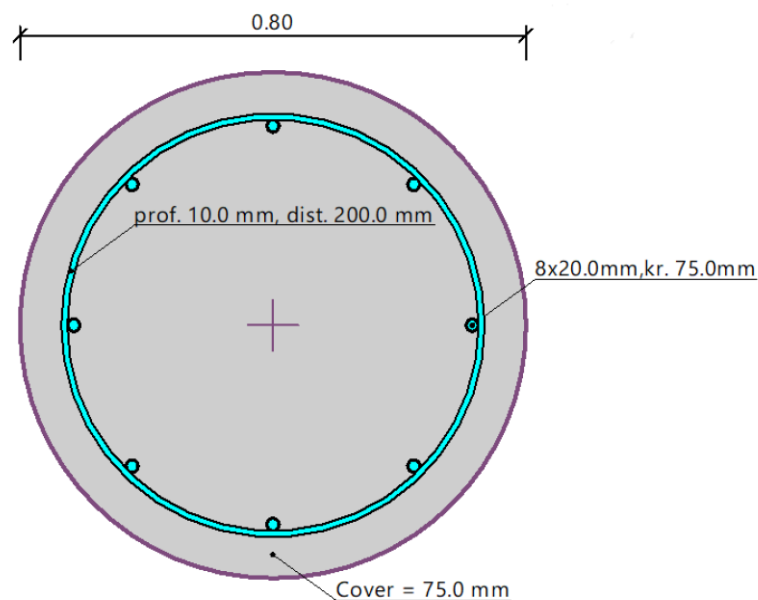


2.239 pav. Polio projektavimo rezultatai (stiprumo derinys)





2.240 pav. Polio projektavimo rezultatai (tinkamumo derinys)



**2.241 pav.** Polio skerspjūvis

**Maximum internal force and deformation :**

Max. pile displacement = 0.6 mm  
 Max. shear force = 16.10 kN  
 Maximum moment = 63.56 kNm

**Verification of cross section in bending and compression:**

Reinforcement - 8 pc bars 20.0 mm; cover 75.0 mm  
 Type of structure (reinforcement ratio) : pile  
 Reinforcement ratio  $\rho = 0.500 \% > 0.497 \% = \rho_{min}$   
 Load :  $N_{Ed} = -168.00$  kN (compression) ;  $M_{Ed} = 63.56$  kNm  
 Bearing capacity :  $N_{Rd} = -1661.22$  kN;  $M_{Rd} = 628.45$  kNm

Designed pile reinforcement is SATISFACTORY

**Verification of cross section in shear:**

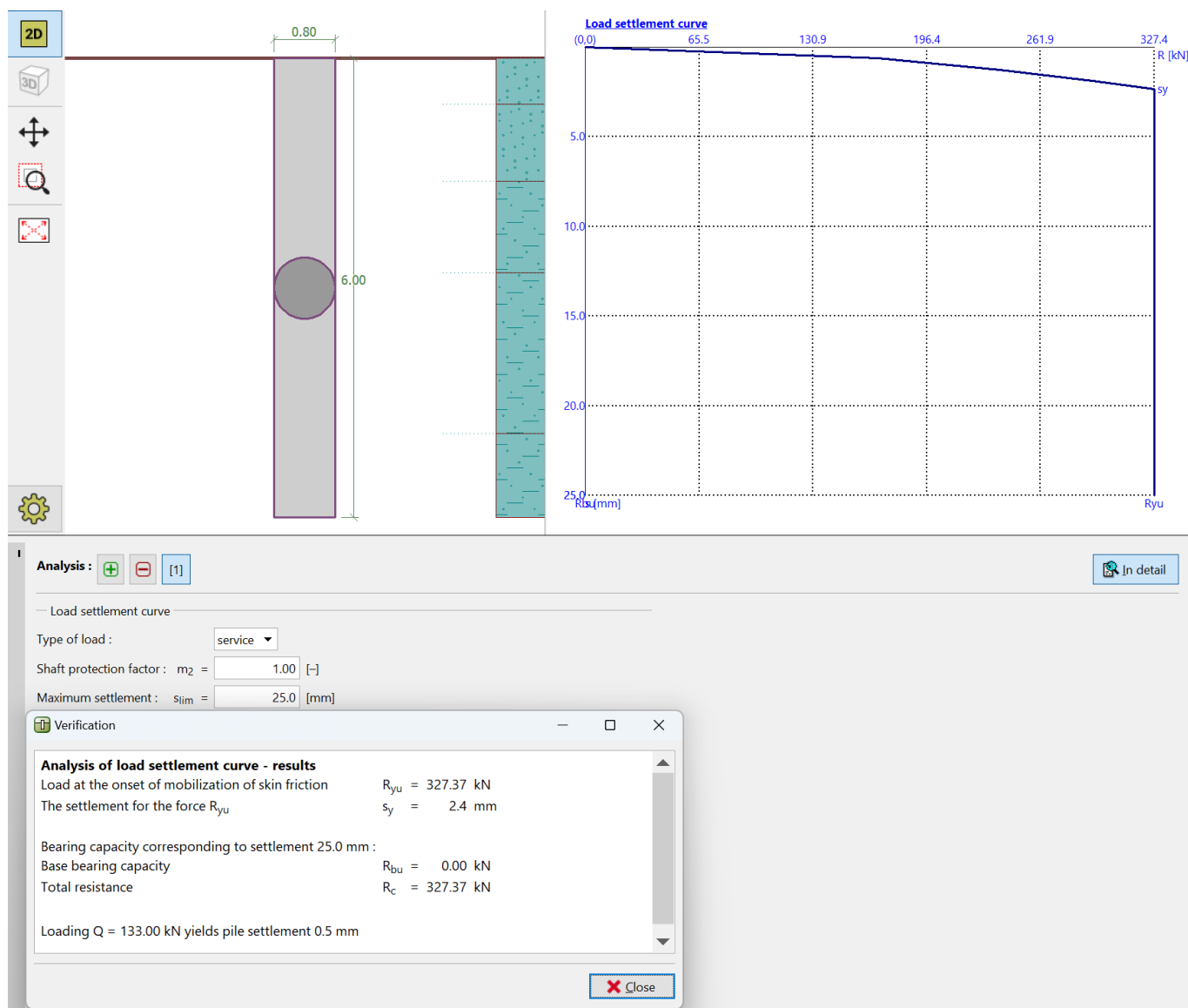
Shear reinf. - 2 profile 10.0 mm; distance 200.0 mm  
 $A_{sw} = 785.4$  mm<sup>2</sup>  
 Ultimate shear force:  $V_{Rd} = 491.73$  kN  $> 16.10$  kN =  $V_{Ed}$

Cross-section is SATISFACTORY.

only minimal shear reinforcement

**2.242 pav.** Polio projektavimo rezultatai

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	261	267	0



**2.243 pav. Polio nuosėdis**

SS2407-01-TP-SK.IS	Lapas	Lapu	Laida
	262	267	0

## 2.15 Sandėliavimo paskirties pastato projektavimo išvados

### 2.15.1 Plieninių konstrukcijų projektavimo išvados

1. Maksimalūs horizontalūs poslinkiai neviršija leistinų maksimalių reikšmių pagal LST EN 1993-1-1 "Eurokodas 3.  
Pakrovimo priestato kolonų poslinkis:  $u_{lim}=H/150=4300/150=28,7 \text{ mm}>u=6,6 \text{ mm}$ .
2. Maksimalūs vertikalūs poslinkiai neviršija leistinų maksimalių reikšmių pagal LST EN 1993-1-1 "Eurokodas 3.  
Sandėlio santvarų poslinkis:  $u_{lim}=L/250=5800/250=23,0 \text{ mm}>u=4,1 \text{ mm}$ .  
Sandėlio sijų poslinkis:  $u_{lim}=L/2550=5800/250=23,0 \text{ mm}>u=13,4 \text{ mm}$ .  
Sandėlio stoglangių rėmų poslinkis:  $u_{lim}=L/200=6000/200=30,0 \text{ mm}>u=25,7 \text{ mm}$ .  
Sandėlio stogo X ryšių poslinkis:  $u_{lim}=L/200=8300/200=41,5 \text{ mm}>u=12,8 \text{ mm}$ .  
Sandėlio stogo ryšių poslinkis:  $u_{lim}=L/200=6000/200=30,0 \text{ mm}>u=3,7 \text{ mm}$ .  
Sandėlio ŠVOK rėmų poslinkis:  $u_{lim}=L/200=6000/200=30,0 \text{ mm}>u=15,0 \text{ mm}$ .  
Pakrovimo priestato sijų poslinkis:  $u_{lim}=L/250=4500/250=18,0 \text{ mm}>u=14,2 \text{ mm}$ .
3. Parinkti plieninių konstrukcijų skerspjūviai atitinka LST EN 1993-1-1..8 "Eurokodas 3. Plieninių konstrukcijų projektavimas" reikalavimus.  
Sandėlio konstrukcijų išnaudojimas  $k=0,87<1,0$  tenkina ribinių būvių sąlygas.  
Pakrovimo priestato konstrukcijų išnaudojimas  $k=0,87<1,0$  tenkina ribinių būvių sąlygas.
4. Suprojektuoti plieninių strypinių elementų skerspjūviai atitinka LST EN 1993-1-1 "Eurokodas 3. Plieninių konstrukcijų projektavimas" reikalavimus.
5. Konstrukcijų geometrija ir laikančių plieninių konstrukcijų parametrai gali priimti užduotas apkrovas, veikiančias eksploatacijos metu.

### 2.15.2 Apkrovas laikančių plieninių denginio profiliuotų lakštų projektavimo išvados

1. Maksimalūs stogo lakštų poslinkiai neviršija leistinų maksimalių reikšmių pagal LST EN 1993-1-1 "Eurokodas 3. Plokščių įlinkis (ties pirmuoju tarpatramiu):  $u_{lim}=L/200=6000/200=30,0 \text{ mm}>u=10,5 \text{ mm}$ .
2. Lakštų išnaudojimas  $k=0,62<1,0$  tenkina ribinių būvių sąlygas. Parinkti konstrukcijų skerspjūviai atitinka LST EN 1993-1-1..8 "Eurokodas 3. Plieninių konstrukcijų projektavimas" reikalavimus.
3. Suprojektuoti elementų skerspjūviai atitinka LST EN 1993-1-1 "Eurokodas 3. Plieninių konstrukcijų projektavimas" reikalavimus.
4. Konstrukcijų geometrija ir laikančių plieninių konstrukcijų parametrai gali priimti užduotas apkrovas, veikiančias eksploatacijos metu.
5. Profiliuotų lakštų parinkimą tikslinti pagal konkretaus gamintojo rekomendacijas ir sistemą.

### 2.15.3 Sluoksniuotų „sandwich“ plokščių projektavimo išvados

1. Maksimalūs stogo plokščių poslinkiai neviršija leistinų maksimalių reikšmių pagal LST EN 1993-1-1 "Eurokodas 3. Plokščių įlinkis (ties tarpatramio dalimi):  $u_{lim}=L/200=1025/200=5,1 \text{ mm}>u=0,6 \text{ mm}$ .
2. Stogo plokščių išnaudojimas  $k=0,81<1,0$  tenkina ribinių būvių sąlygas. Parinkti konstrukcijų skerspjūviai atitinka LST EN 1993-1-1..8 "Eurokodas 3. Plieninių konstrukcijų projektavimas" reikalavimus.
3. Maksimalūs sienų plokščių poslinkiai neviršija leistinų maksimalių reikšmių pagal LST EN 1993-1-1 "Eurokodas 3. Plokščių įlinkis (ties gembine dalimi):  $u_{lim}=L/100=6000/100=60,0 \text{ mm}>u=36,2 \text{ mm}$ .
4. Sienų plokščių išnaudojimas  $k=0,93<1,0$  tenkina ribinių būvių sąlygas. Parinkti konstrukcijų skerspjūviai atitinka LST EN 1993-1-1..8 "Eurokodas 3. Plieninių konstrukcijų projektavimas" reikalavimus.

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	263	267	0

- Suprojektuoti elementų skerspjūviai atitinka LST EN 1993-1-1 "Eurokodas 3. Plieninių konstrukcijų projektavimas" reikalavimus.
- Konstrukcijų geometrija ir laikančių konstrukcijų parametrai gali priimti užduotas apkrovas, veikiančias eksploatacijos metu.
- Plokščių parinkimą ir išdėstymą tikslinti pagal konkretaus gamintojo rekomendacijas ir sistemą.

#### 2.15.4 Plieninių konstrukcijų mazgų projektavimo išvados

- Santvaros „Y“ jungties išnaudojimas  $k=0,63 < 1,0$  tenkina ribinių būvių sąlygas. Parinkti jungties parametrai atitinka LST EN 1993-1-1..8 "Eurokodas 3. Plieninių konstrukcijų projektavimas" reikalavimus.
- Santvaros „K“ jungties išnaudojimas  $k=0,17 < 1,0$  tenkina ribinių būvių sąlygas. Parinkti jungties parametrai atitinka LST EN 1993-1-1..8 "Eurokodas 3. Plieninių konstrukcijų projektavimas" reikalavimus.
- Konstrukcijų geometrija ir laikančių plieninių konstrukcijų parametrai gali priimti užduotas apkrovas, veikiančias eksploatacijos metu.

#### 2.15.5 Gelžbetoninių konstrukcijų projektavimo išvados

- Maksimalūs surenkamų gelžbetoninių kolonų horizontalieji poslinkiai neviršija leistinų reikšmių:  $u_{lim}=H/200=9300/200=46,5\text{mm} > u=14,1\text{ mm}$ , pagal LST EN 1992-1-1 „Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas. 1-1 dalis. Bendrosios ir pastatų taisyklės.“
- Kolonų armavimo poreikis B500B armatūra (žr. grafiniuose vaizduose) tenkina stiprumo reikalavimus pagal LST EN 1992-1-1 „Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas. 1-1 dalis. Bendrosios ir pastatų taisyklės.“
- Maksimalūs surenkamų gelžbetoninių cokolio plokščių horizontalieji poslinkiai neviršija leistinų reikšmių:  $u_{lim}=L/250=5600/250=22,4\text{mm} > u=4,8\text{ mm}$ , pagal LST EN 1992-1-1 „Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas. 1-1 dalis. Bendrosios ir pastatų taisyklės.“
- Cokolio plokščių plyšio plotis neviršija leistinų maksimalių reikšmių -  $w_{k,lim}=0,3\text{ mm} > w_k=0,18\text{ mm}$ , pagal LST EN 1992-1-1 „Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas. 1-1 dalis. Bendrosios ir pastatų taisyklės.“
- Cokolio plokščių armavimo poreikis B500B armatūra (žr. grafiniuose vaizduose) tenkina stiprumo reikalavimus pagal LST EN 1992-1-1 „Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas. 1-1 dalis. Bendrosios ir pastatų taisyklės.“
- Maksimalūs monolitinių gelžbetoninių rostverkų horizontalieji poslinkiai neviršija leistinų reikšmių:  $u_{lim}=L/250=4500/250=18,0\text{mm} > u=0,5\text{ mm}$ , pagal LST EN 1992-1-1 „Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas. 1-1 dalis. Bendrosios ir pastatų taisyklės.“
- Rostverkų plyšio plotis neviršija leistinų maksimalių reikšmių -  $w_{k,lim}=0,3\text{ mm} > w_k=0,00\text{ mm}$ , pagal LST EN 1992-1-1 „Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas. 1-1 dalis. Bendrosios ir pastatų taisyklės.“
- Rostverkų armavimo poreikis B500B armatūra (žr. grafiniuose vaizduose) tenkina stiprumo reikalavimus pagal LST EN 1992-1-1 „Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas. 1-1 dalis. Bendrosios ir pastatų taisyklės.“
- Suprojektuotų gelžbetoninių konstrukcijų skerspjūviai atitinka LST EN 1992-1-1 "Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas" reikalavimus;
- Konstrukcijų geometrija ir laikančių gelžbetoninių konstrukcijų parametrai gali priimti užduotas apkrovas, veikiančias eksploatacijos metu.
- Surenkamų gelžbetoninių elementų laikomąją galią eksploatavimo, transportavimo bei montavimo stadijose privalo suprojektuoti ir užtikrinti gelžbetoninių elementų gamintojas.

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	264	267	0

### 2.15.6 Gelžbetoninių konstrukcijų mazgų bei įdėtinių detalių projektavimo išvados

1. Grindų apkrovas laikančių deformacinių siūlių įdėtinės detalės jungties išnaudojimas  $k=0,85 < 1,0$  tenkina ribinių būvių sąlygas. Parinkti jungties parametrai atitinka LST EN 1992-1-1 "Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas" reikalavimus;
2. Surenkamų gelžbetoninių (sandėlio perimetro kolonų) bazės ir pamato jungties išnaudojimas  $k=0,77 < 1,0$  tenkina ribinių būvių sąlygas. Parinkti jungties parametrai atitinka LST EN 1992-1-1 "Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas" reikalavimus;
3. Surenkamų gelžbetoninių (sandėlio centrinių kolonų) bazės ir pamato jungties išnaudojimas  $k=0,39 < 1,0$  tenkina ribinių būvių sąlygas. Parinkti jungties parametrai atitinka LST EN 1992-1-1 "Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas" reikalavimus;
4. Kolonų bazių papildomo armavimo poreikis B500B armatūra bei įdėtinių detalių išnaudojimas (žr. grafiniuose vaizduose) tenkina stiprumo reikalavimus pagal LST EN 1992-1-1 „Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas. 1-1 dalis. Bendrosios ir pastatų taisyklės.“
5. Suprojektuotų gelžbetoninių konstrukcijų skerspjūviai atitinka LST EN 1992-1-1 "Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas" reikalavimus;
6. Konstrukcijų geometrija ir laikančių plieninių konstrukcijų parametrai gali priimti užduotas apkrovas, veikiančias eksploatacijos metu.

### 2.15.7 Gelžbetoninių pamatų ir jų pagrindų projektavimo išvados

1. Polinio pamato ( $d=1,0$  m) laikomoji galia (gniuždymui) pagal „A1+M1+R1“ ir „A2+M2+R4“ projektavimo atvejus  $R_{cd}=773$  kN  $> F_{sd}=571$  kN ir  $R_{cd}=590$  kN  $> F_{sd}=452$  kN tenkina stiprumo ribinio būvio sąlygas pagal LST EN 1997-1 "Eurokodas 7".
2. Polinio pamato ( $d=0,8$  m) laikomoji galia (tempimui) pagal „A1+M1+R1“ ir „A2+M2+R4“ projektavimo atvejus  $R_{cd}=511$  kN  $> F_{sd}=397$  kN ir  $R_{cd}=390$  kN  $> F_{sd}=324$  kN tenkina stiprumo ribinio būvio sąlygas pagal LST EN 1997-1 "Eurokodas 7".
3. Polinio pamato ( $d=0,35$  m) laikomoji galia (gniuždymui) pagal „A1+M1+R1“ ir „A2+M2+R4“ projektavimo atvejus  $R_{cd}=151$  kN  $> F_{sd}=131$  kN ir  $R_{cd}=116$  kN  $> F_{sd}=107$  kN tenkina stiprumo ribinio būvio sąlygas pagal LST EN 1997-1 "Eurokodas 7".
4. Konstrukcijų geometrija ir laikančių gelžbetoninių konstrukcijų parametrai gali priimti užduotas apkrovas, veikiančias eksploatacijos metu.
5. Parinkti gelžbetoninių konstrukcijų skerspjūviai atitinka LST EN 1992-1-1 reikalavimus.

SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	265	267	0

### 3 Bendrosios išvados ir rekomendacijos

1. Visos lakančiosios konstrukcijos išlieka pastovios ir stabilios pagal LST EN reikalavimus.
2. Maksimalūs poslinkiai neviršija leistinų maksimalių reikšmių pagal LST EN 1993-1-1 "Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas" reikalavimus;
3. Suprojektuoti gelžbetoninių konstrukcijų skerspjūviai atitinka LST EN 1992-1-1 "Eurokodas 2. Gelžbetoninių konstrukcijų projektavimas" reikalavimus;
4. Maksimalūs poslinkiai neviršija leistinų maksimalių reikšmių pagal LST EN 1993-1-1 "Eurokodas 3. Plieninių konstrukcijų projektavimas" reikalavimus;
5. Suprojektuoti plieninių konstrukcijų skerspjūviai atitinka LST EN 1993-1-1 "Eurokodas 3. Plieninių konstrukcijų projektavimas" reikalavimus;
6. Suprojektuoti plieninių konstrukcijų mazgai atitinka LST EN 1993-1-8 "Eurokodas 3. Plieninių konstrukcijų projektavimas. Mazgų projektavimas" reikalavimus;
7. Pamatų laikomoji galia tenkina stiprumo ir tinkamumo ribinio būvio sąlygas pagal LST EN 1997-1 "Eurokodas 7" reikalavimus.
8. Konstrukcijų geometrija ir laikančių gelžbetoninių konstrukcijų parametrai gali priimti užduotas apkrovas, veikiančias eksploatacijos metu.
9. Visus skaičiavimus privaloma tikslinti DP stadijoje.

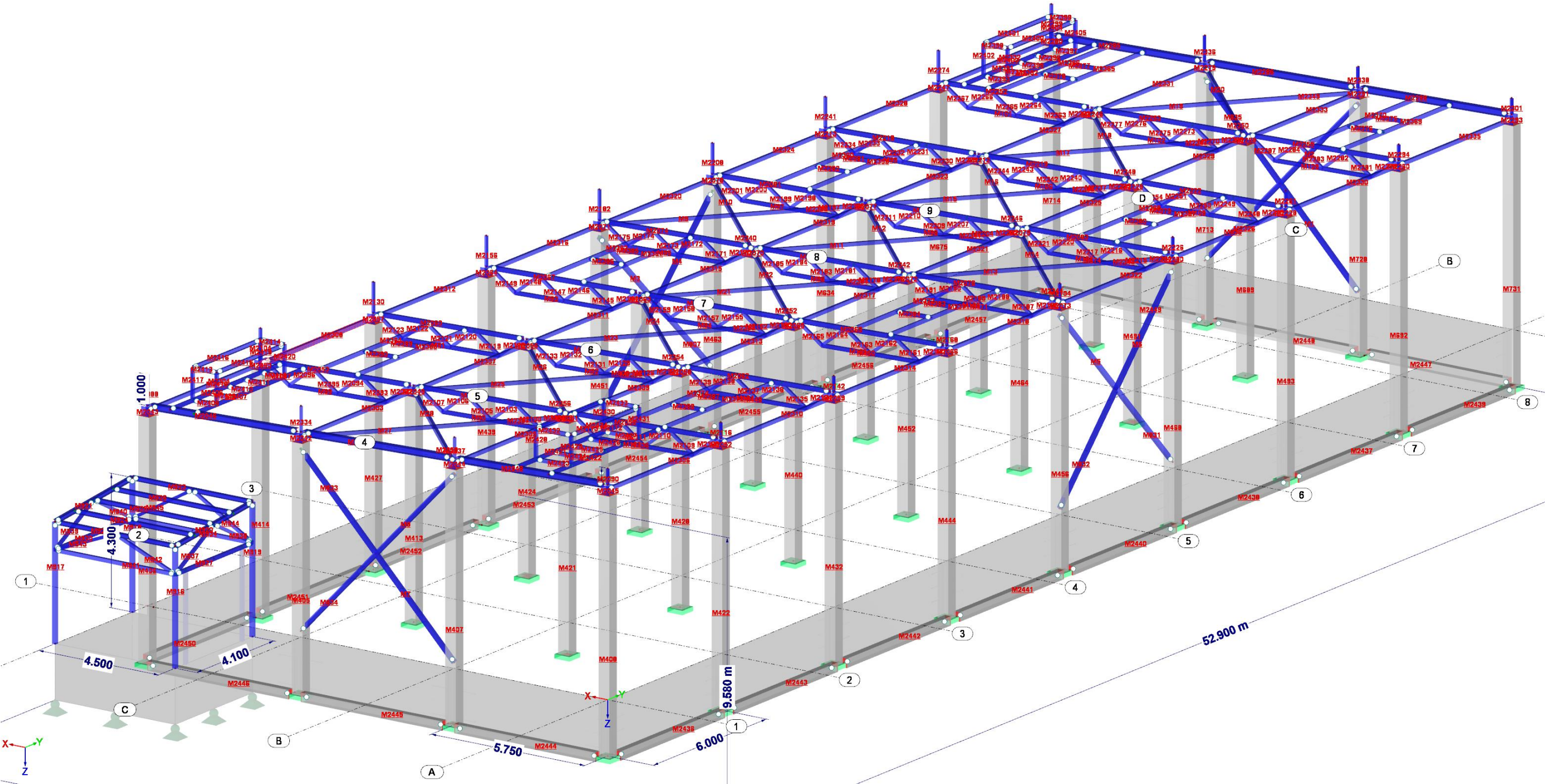
SS2407-01-TP-SK.IS	Lapas	Lapų	Laida
	266	267	0



## 4 Priedai

1. Strypinių elementų įrašos nuo stiprumo ribinių būvių derinių (ULS)

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	267	267	0



1 pav. Strypinių elementų numeriai

Įrašų lentelė nuo stiprumo ribinių būvių derinių (ULS)

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
1	2	0.000	max N	<b>60.52</b>	-0.04	0.51	-0.13	-0.41	-0.13	CO 8
			min N	<b>-2.78</b>	0.00	0.51	-0.03	-0.40	-0.02	CO 19
			max V <sub>y</sub>	-2.54	<b>0.00</b>	0.51	-0.02	-0.40	0.00	CO 16
			min V <sub>y</sub>	60.46	<b>-0.04</b>	0.51	-0.17	-0.41	-0.14	CO 10
			max V <sub>z</sub>	-1.54	0.00	<b>0.51</b>	0.02	-0.41	-0.01	CO 9
			min V <sub>z</sub>	-2.77	0.00	<b>0.51</b>	-0.06	-0.39	-0.01	CO 17
			max M <sub>T</sub>	-2.26	0.00	0.51	<b>0.03</b>	-0.41	-0.01	CO 15
			min M <sub>T</sub>	60.46	-0.04	0.51	<b>-0.17</b>	-0.41	-0.14	CO 10
			max M <sub>y</sub>	-2.77	0.00	0.51	-0.06	<b>-0.39</b>	-0.01	CO 17
			min M <sub>y</sub>	60.52	-0.04	0.51	-0.13	<b>-0.41</b>	-0.13	CO 8
			max M <sub>z</sub>	-2.54	0.00	0.51	-0.02	-0.40	<b>0.00</b>	CO 16
			min M <sub>z</sub>	60.02	-0.04	0.51	-0.17	-0.40	<b>-0.14</b>	CO 12
	613	4.159	max N	<b>59.69</b>	-0.03	-0.30	-0.13	0.00	0.00	CO 8
			min N	<b>-3.62</b>	0.00	-0.32	-0.03	0.00	0.00	CO 19
			max V <sub>y</sub>	-3.38	<b>0.00</b>	-0.32	-0.02	0.00	0.00	CO 16
			min V <sub>y</sub>	59.18	<b>-0.03</b>	-0.31	-0.17	0.00	0.00	CO 12
			max V <sub>z</sub>	59.69	-0.03	<b>-0.30</b>	-0.13	0.00	0.00	CO 8
			min V <sub>z</sub>	-3.60	0.00	<b>-0.32</b>	-0.06	0.00	0.00	CO 17
			max M <sub>T</sub>	-3.09	0.00	-0.32	<b>0.02</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	59.63	-0.03	-0.30	<b>-0.17</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	59.24	-0.03	-0.31	-0.13	<b>0.00</b>	0.00	CO 14
			min M <sub>y</sub>	34.76	-0.02	-0.31	-0.13	<b>0.00</b>	0.00	CO 3
			max M <sub>z</sub>	-3.09	0.00	-0.32	0.02	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	59.18	-0.03	-0.31	-0.17	0.00	<b>0.00</b>	CO 12
	2	0.000	Max N	<b>60.52</b>	-0.04	0.51	-0.13	-0.41	-0.13	CO 8
	613	4.159	Min N	<b>-3.62</b>	0.00	-0.32	-0.03	0.00	0.00	CO 19
	613	4.159	Max V <sub>y</sub>	-3.38	<b>0.00</b>	-0.32	-0.02	0.00	0.00	CO 16
	2	0.000	Min V <sub>y</sub>	60.46	<b>-0.04</b>	0.51	-0.17	-0.41	-0.14	CO 10
	2	0.000	Max V <sub>z</sub>	-1.54	0.00	<b>0.51</b>	0.02	-0.41	-0.01	CO 9
	613	4.159	Min V <sub>z</sub>	-3.60	0.00	<b>-0.32</b>	-0.06	0.00	0.00	CO 17
	2	0.000	Max M <sub>T</sub>	-2.26	0.00	0.51	<b>0.03</b>	-0.41	-0.01	CO 15
	2	0.000	Min M <sub>T</sub>	60.46	-0.04	0.51	<b>-0.17</b>	-0.41	-0.14	CO 10
		2.447	Max M <sub>y</sub>	-3.26	0.00	0.02	-0.06	<b>0.25</b>	-0.01	CO 17
	2	0.000	Min M <sub>y</sub>	60.52	-0.04	0.51	-0.13	<b>-0.41</b>	-0.13	CO 8
	613	4.159	Max M <sub>z</sub>	-3.09	0.00	-0.32	0.02	0.00	<b>0.00</b>	CO 15
	2	0.000	Min M <sub>z</sub>	60.02	-0.04	0.51	-0.17	-0.40	<b>-0.14</b>	CO 12
2	2	0.000	max N	<b>1.86</b>	0.00	0.51	-0.06	-0.43	0.00	CO 9
			min N	<b>-64.66</b>	0.08	0.52	0.25	-0.43	0.42	CO 12
			max V <sub>y</sub>	-64.66	<b>0.08</b>	0.52	0.25	-0.43	0.42	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	1.39	<b>0.00</b>	0.52	-0.06	-0.43	0.00	CO 15
			max V <sub>z</sub>	-0.35	0.00	<b>0.52</b>	-0.01	-0.44	0.01	CO 19
			min V <sub>z</sub>	-0.59	0.00	<b>0.51</b>	0.01	-0.42	0.01	CO 1
			max M <sub>T</sub>	-63.91	0.08	0.51	<b>0.25</b>	-0.43	0.42	CO 10
			min M <sub>T</sub>	1.39	0.00	0.52	<b>-0.06</b>	-0.43	0.00	CO 15
			max M <sub>y</sub>	-63.18	0.07	0.51	0.23	<b>-0.42</b>	0.41	CO 8
			min M <sub>y</sub>	-0.35	0.00	0.52	-0.01	<b>-0.44</b>	0.01	CO 19
			max M <sub>z</sub>	-64.66	0.08	0.52	0.25	-0.43	<b>0.42</b>	CO 12
			min M <sub>z</sub>	1.39	0.00	0.52	-0.06	-0.43	<b>0.00</b>	CO 15
	455	4.230	max N	<b>2.73</b>	0.00	-0.31	-0.06	0.00	0.00	CO 9
			min N	<b>-63.79</b>	0.11	-0.32	0.25	0.00	0.00	CO 12
			max V <sub>y</sub>	-63.79	<b>0.11</b>	-0.32	0.25	0.00	0.00	CO 12
			min V <sub>y</sub>	2.26	<b>0.00</b>	-0.31	-0.06	0.00	0.00	CO 15
			max V <sub>z</sub>	1.70	0.00	<b>-0.31</b>	-0.03	0.00	0.00	CO 13
			min V <sub>z</sub>	-62.32	0.11	<b>-0.33</b>	0.23	0.00	0.00	CO 8
			max M <sub>T</sub>	-63.04	0.11	-0.33	<b>0.25</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	2.26	0.00	-0.31	<b>-0.06</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	2.73	0.00	-0.31	-0.06	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-63.04	0.11	-0.33	0.25	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	-63.04	0.11	-0.33	0.25	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	2.73	0.00	-0.31	-0.06	0.00	<b>0.00</b>	CO 9
	455	4.230	Max N	<b>2.73</b>	0.00	-0.31	-0.06	0.00	0.00	CO 9
	2	0.000	Min N	<b>-64.66</b>	0.08	0.52	0.25	-0.43	0.42	CO 12
	455	4.230	Max V <sub>y</sub>	-63.79	<b>0.11</b>	-0.32	0.25	0.00	0.00	CO 12
	455	4.230	Min V <sub>y</sub>	2.26	<b>0.00</b>	-0.31	-0.06	0.00	0.00	CO 15
	2	0.000	Max V <sub>z</sub>	-0.35	0.00	<b>0.52</b>	-0.01	-0.44	0.01	CO 19
	455	4.230	Min V <sub>z</sub>	-62.32	0.11	<b>-0.33</b>	0.23	0.00	0.00	CO 8
		2.737	Max M <sub>T</sub>	-63.35	0.11	-0.02	<b>0.25</b>	0.26	0.16	CO 10
	2	0.000	Min M <sub>T</sub>	1.39	0.00	0.52	<b>-0.06</b>	-0.43	0.00	CO 15
		2.737	Max M <sub>y</sub>	-62.62	0.10	-0.03	0.23	<b>0.26</b>	0.16	CO 8
	2	0.000	Min M <sub>y</sub>	-0.35	0.00	0.52	-0.01	<b>-0.44</b>	0.01	CO 19
	2	0.000	Max M <sub>z</sub>	-64.66	0.08	0.52	0.25	-0.43	<b>0.42</b>	CO 12
	2	0.000	Min M <sub>z</sub>	1.39	0.00	0.52	-0.06	-0.43	<b>0.00</b>	CO 15
3	4	0.000	max N	<b>33.57</b>	0.01	0.53	-0.10	-0.44	0.04	CO 15
			min N	<b>-10.06</b>	0.01	0.53	-0.03	-0.45	0.05	CO 12
			max V <sub>y</sub>	-9.91	<b>0.01</b>	0.53	0.01	-0.44	0.05	CO 14
			min V <sub>y</sub>	-0.13	<b>0.00</b>	0.53	-0.06	-0.45	-0.01	CO 2
			max V <sub>z</sub>	-0.12	0.00	<b>0.54</b>	-0.09	-0.46	0.00	CO 17
			min V <sub>z</sub>	-9.84	0.01	<b>0.53</b>	0.03	-0.43	0.05	CO 8
			max M <sub>T</sub>	-9.84	0.01	0.53	<b>0.03</b>	-0.43	0.05	CO 8
			min M <sub>T</sub>	33.53	0.01	0.53	<b>-0.14</b>	-0.45	0.03	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-9.84	0.01	0.53	0.03	<b>-0.43</b>	0.05	CO 8
			min M <sub>y</sub>	-0.12	0.00	0.54	-0.09	<b>-0.46</b>	0.00	CO 17
			max M <sub>z</sub>	-9.91	0.01	0.53	0.01	-0.44	<b>0.05</b>	CO 14
			min M <sub>z</sub>	-0.13	0.00	0.53	-0.06	-0.45	<b>-0.01</b>	CO 2
	615	4.126	max N	<b>34.37</b>	0.01	-0.31	-0.10	0.00	0.00	CO 15
			min N	<b>-9.26</b>	0.01	-0.32	-0.03	0.00	0.00	CO 12
			max V <sub>y</sub>	-9.11	<b>0.01</b>	-0.32	0.01	0.00	0.00	CO 14
			min V <sub>y</sub>	0.67	<b>0.00</b>	-0.32	-0.06	0.00	0.00	CO 2
			max V <sub>z</sub>	34.33	0.01	<b>-0.31</b>	-0.14	0.00	0.00	CO 13
			min V <sub>z</sub>	-9.04	0.01	<b>-0.32</b>	0.03	0.00	0.00	CO 8
			max M <sub>T</sub>	-9.04	0.01	-0.32	<b>0.03</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	34.33	0.01	-0.31	<b>-0.14</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-5.31	0.01	-0.31	-0.06	<b>0.00</b>	0.00	CO 18
			min M <sub>y</sub>	-9.04	0.01	-0.32	0.03	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-9.04	0.01	-0.32	0.03	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	20.90	0.00	-0.31	-0.13	0.00	<b>0.00</b>	CO 19
	615	4.126	Max N	<b>34.37</b>	0.01	-0.31	-0.10	0.00	0.00	CO 15
	4	0.000	Min N	<b>-10.06</b>	0.01	0.53	-0.03	-0.45	0.05	CO 12
	4	0.000	Max V <sub>y</sub>	-9.91	<b>0.01</b>	0.53	0.01	-0.44	0.05	CO 14
	4	0.000	Min V <sub>y</sub>	-0.13	<b>0.00</b>	0.53	-0.06	-0.45	-0.01	CO 2
	4	0.000	Max V <sub>z</sub>	-0.12	0.00	<b>0.54</b>	-0.09	-0.46	0.00	CO 17
	615	4.126	Min V <sub>z</sub>	-9.04	0.01	<b>-0.32</b>	0.03	0.00	0.00	CO 8
		2.670	Max M <sub>T</sub>	-9.32	0.01	-0.02	<b>0.03</b>	0.25	0.02	CO 8
		2.670	Min M <sub>T</sub>	34.05	0.01	-0.01	<b>-0.14</b>	0.24	0.01	CO 13
		2.670	Max M <sub>y</sub>	-9.32	0.01	-0.02	0.03	<b>0.25</b>	0.02	CO 8
	4	0.000	Min M <sub>y</sub>	-0.12	0.00	0.54	-0.09	<b>-0.46</b>	0.00	CO 17
	4	0.000	Max M <sub>z</sub>	-9.91	0.01	0.53	0.01	-0.44	<b>0.05</b>	CO 14
	4	0.000	Min M <sub>z</sub>	-0.13	0.00	0.53	-0.06	-0.45	<b>-0.01</b>	CO 2
4	4	0.000	max N	<b>8.57</b>	-0.01	0.53	0.04	-0.45	-0.02	CO 12
			min N	<b>-34.44</b>	0.01	0.53	0.11	-0.43	0.04	CO 9
			max V <sub>y</sub>	-34.40	<b>0.01</b>	0.53	0.15	-0.44	0.04	CO 11
			min V <sub>y</sub>	8.43	<b>-0.01</b>	0.53	0.00	-0.44	-0.02	CO 14
			max V <sub>z</sub>	0.39	0.00	<b>0.54</b>	0.09	-0.46	0.00	CO 17
			min V <sub>z</sub>	8.23	-0.01	<b>0.53</b>	-0.02	-0.43	-0.02	CO 8
			max M <sub>T</sub>	-34.36	0.01	0.53	<b>0.17</b>	-0.45	0.04	CO 13
			min M <sub>T</sub>	8.23	-0.01	0.53	<b>-0.02</b>	-0.43	-0.02	CO 8
			max M <sub>y</sub>	8.23	-0.01	0.53	-0.02	<b>-0.43</b>	-0.02	CO 8
			min M <sub>y</sub>	0.39	0.00	0.54	0.09	<b>-0.46</b>	0.00	CO 17
			max M <sub>z</sub>	-34.40	0.01	0.53	0.15	-0.44	<b>0.04</b>	CO 11
			min M <sub>z</sub>	8.43	-0.01	0.53	0.00	-0.44	<b>-0.02</b>	CO 14
	617	4.126	max N	<b>9.37</b>	0.00	-0.31	0.04	0.00	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-33.64</b>	0.01	-0.33	0.11	0.00	0.00	CO 9
			max V <sub>y</sub>	-33.59	<b>0.01</b>	-0.32	0.15	0.00	0.00	CO 11
			min V <sub>y</sub>	9.23	<b>0.00</b>	-0.32	0.00	0.00	0.00	CO 14
			max V <sub>z</sub>	1.19	0.00	<b>-0.31</b>	0.09	0.00	0.00	CO 17
			min V <sub>z</sub>	-33.64	0.01	<b>-0.33</b>	0.11	0.00	0.00	CO 9
			max M <sub>T</sub>	-33.56	0.01	-0.32	<b>0.17</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	9.03	0.00	-0.32	<b>-0.02</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	9.37	0.00	-0.31	0.04	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-33.56	0.01	-0.32	0.17	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	-33.56	0.01	-0.32	0.17	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	9.03	0.00	-0.32	-0.02	0.00	<b>0.00</b>	CO 8
	617	4.126	Max N	<b>9.37</b>	0.00	-0.31	0.04	0.00	0.00	CO 12
	4	0.000	Min N	<b>-34.44</b>	0.01	0.53	0.11	-0.43	0.04	CO 9
		3.398	Max V <sub>y</sub>	-33.74	<b>0.01</b>	-0.17	0.15	0.18	0.01	CO 11
	4	0.000	Min V <sub>y</sub>	8.43	<b>-0.01</b>	0.53	0.00	-0.44	-0.02	CO 14
	4	0.000	Max V <sub>z</sub>	0.39	0.00	<b>0.54</b>	0.09	-0.46	0.00	CO 17
	617	4.126	Min V <sub>z</sub>	-33.64	0.01	<b>-0.33</b>	0.11	0.00	0.00	CO 9
		2.670	Max M <sub>T</sub>	-33.84	0.01	-0.02	<b>0.17</b>	0.25	0.01	CO 13
		2.670	Min M <sub>T</sub>	8.75	0.00	-0.02	<b>-0.02</b>	0.25	-0.01	CO 8
		2.670	Max M <sub>y</sub>	-33.92	0.01	-0.02	0.11	<b>0.25</b>	0.01	CO 9
	4	0.000	Min M <sub>y</sub>	0.39	0.00	0.54	0.09	<b>-0.46</b>	0.00	CO 17
	4	0.000	Max M <sub>z</sub>	-34.40	0.01	0.53	0.15	-0.44	<b>0.04</b>	CO 11
	4	0.000	Min M <sub>z</sub>	8.43	-0.01	0.53	0.00	-0.44	<b>-0.02</b>	CO 14
5	5	0.000	max N	<b>30.29</b>	-0.01	0.53	0.09	-0.45	-0.04	CO 9
			min N	<b>-0.47</b>	0.00	0.54	0.09	-0.48	0.00	CO 17
			max V <sub>y</sub>	10.71	<b>0.02</b>	0.54	0.03	-0.48	0.07	CO 10
			min V <sub>y</sub>	30.26	<b>-0.01</b>	0.53	0.11	-0.46	-0.05	CO 15
			max V <sub>z</sub>	10.67	0.02	<b>0.54</b>	0.05	-0.49	0.06	CO 12
			min V <sub>z</sub>	30.29	-0.01	<b>0.53</b>	0.09	-0.45	-0.04	CO 9
			max M <sub>T</sub>	30.23	-0.01	0.53	<b>0.15</b>	-0.47	-0.04	CO 13
			min M <sub>T</sub>	10.75	0.02	0.53	<b>-0.01</b>	-0.47	0.06	CO 8
			max M <sub>y</sub>	30.29	-0.01	0.53	0.09	<b>-0.45</b>	-0.04	CO 9
			min M <sub>y</sub>	10.67	0.02	0.54	0.05	<b>-0.49</b>	0.06	CO 12
			max M <sub>z</sub>	10.71	0.02	0.54	0.03	-0.48	<b>0.07</b>	CO 10
			min M <sub>z</sub>	30.26	-0.01	0.53	0.11	-0.46	<b>-0.05</b>	CO 15
	654	4.306	max N	<b>31.17</b>	-0.01	-0.31	0.09	0.00	0.00	CO 9
			min N	<b>0.41</b>	0.00	-0.31	0.09	0.00	0.00	CO 17
			max V <sub>y</sub>	11.59	<b>0.01</b>	-0.31	0.03	0.00	0.00	CO 10
			min V <sub>y</sub>	31.13	<b>-0.01</b>	-0.31	0.11	0.00	0.00	CO 15
			max V <sub>z</sub>	11.54	0.01	<b>-0.31</b>	0.05	0.00	0.00	CO 12
			min V <sub>z</sub>	0.67	0.00	<b>-0.32</b>	0.02	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	31.10	-0.01	-0.31	<b>0.15</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	11.62	0.01	-0.31	<b>-0.01</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	11.62	0.01	-0.31	-0.01	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	11.54	0.01	-0.31	0.05	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	18.82	-0.01	-0.31	0.13	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	11.62	0.01	-0.31	-0.01	0.00	<b>0.00</b>	CO 8
	654	4.306	Max N	<b>31.17</b>	-0.01	-0.31	0.09	0.00	0.00	CO 9
	5	0.000	Min N	<b>-0.47</b>	0.00	0.54	0.09	-0.48	0.00	CO 17
	5	0.000	Max V <sub>y</sub>	10.71	<b>0.02</b>	0.54	0.03	-0.48	0.07	CO 10
	5	0.000	Min V <sub>y</sub>	30.26	<b>-0.01</b>	0.53	0.11	-0.46	-0.05	CO 15
	5	0.000	Max V <sub>z</sub>	10.67	0.02	<b>0.54</b>	0.05	-0.49	0.06	CO 12
	654	4.306	Min V <sub>z</sub>	0.67	0.00	<b>-0.32</b>	0.02	0.00	0.00	CO 1
		2.631	Max M <sub>T</sub>	30.76	-0.01	0.01	<b>0.15</b>	0.25	-0.02	CO 13
	5	0.000	Min M <sub>T</sub>	10.75	0.02	0.53	<b>-0.01</b>	-0.47	0.06	CO 8
		2.631	Max M <sub>y</sub>	0.33	0.00	0.01	0.02	<b>0.26</b>	0.00	CO 1
	5	0.000	Min M <sub>y</sub>	10.67	0.02	0.54	0.05	<b>-0.49</b>	0.06	CO 12
	5	0.000	Max M <sub>z</sub>	10.71	0.02	0.54	0.03	-0.48	<b>0.07</b>	CO 10
	5	0.000	Min M <sub>z</sub>	30.26	-0.01	0.53	0.11	-0.46	<b>-0.05</b>	CO 15
6	5	0.000	max N	<b>-0.12</b>	0.00	0.53	-0.05	-0.47	0.00	CO 16
			min N	<b>-32.00</b>	-0.01	0.53	-0.18	-0.47	-0.04	CO 13
			max V <sub>y</sub>	-0.12	<b>0.00</b>	0.53	-0.05	-0.47	0.00	CO 16
			min V <sub>y</sub>	-6.92	<b>-0.01</b>	0.54	-0.02	-0.48	-0.04	CO 10
			max V <sub>z</sub>	-6.95	-0.01	<b>0.54</b>	-0.04	-0.49	-0.03	CO 12
			min V <sub>z</sub>	-31.84	-0.01	<b>0.53</b>	-0.12	-0.45	-0.04	CO 9
			max M <sub>T</sub>	-6.83	-0.01	0.53	<b>0.02</b>	-0.47	-0.03	CO 8
			min M <sub>T</sub>	-32.00	-0.01	0.53	<b>-0.18</b>	-0.47	-0.04	CO 13
			max M <sub>y</sub>	-31.84	-0.01	0.53	-0.12	<b>-0.45</b>	-0.04	CO 9
			min M <sub>y</sub>	-6.95	-0.01	0.54	-0.04	<b>-0.49</b>	-0.03	CO 12
			max M <sub>z</sub>	-0.12	0.00	0.53	-0.05	-0.47	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-31.94	-0.01	0.53	-0.15	-0.46	<b>-0.05</b>	CO 11
	655	4.306	max N	<b>0.76</b>	0.00	-0.31	-0.05	0.00	0.00	CO 16
			min N	<b>-31.13</b>	-0.01	-0.32	-0.18	0.00	0.00	CO 13
			max V <sub>y</sub>	0.76	<b>0.00</b>	-0.31	-0.05	0.00	0.00	CO 16
			min V <sub>y</sub>	-31.07	<b>-0.01</b>	-0.32	-0.15	0.00	0.00	CO 11
			max V <sub>z</sub>	-3.37	0.00	<b>-0.31</b>	-0.06	0.00	0.00	CO 18
			min V <sub>z</sub>	-30.97	-0.01	<b>-0.33</b>	-0.12	0.00	0.00	CO 9
			max M <sub>T</sub>	-5.96	-0.01	-0.32	<b>0.02</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-31.13	-0.01	-0.32	<b>-0.18</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-5.96	-0.01	-0.32	0.02	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-3.37	0.00	-0.31	-0.06	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	-5.96	-0.01	-0.32	0.02	0.00	<b>0.00</b>	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-31.13	-0.01	-0.32	-0.18	0.00	<b>0.00</b>	CO 13
	655	4.306	Max N	<b>0.76</b>	0.00	-0.31	-0.05	0.00	0.00	CO 16
	5	0.000	Min N	<b>-32.00</b>	-0.01	0.53	-0.18	-0.47	-0.04	CO 13
	655	4.306	Max V <sub>y</sub>	0.76	<b>0.00</b>	-0.31	-0.05	0.00	0.00	CO 16
		3.349	Min V <sub>y</sub>	-31.26	<b>-0.01</b>	-0.13	-0.16	0.22	-0.01	CO 11
	5	0.000	Max V <sub>z</sub>	-6.95	-0.01	<b>0.54</b>	-0.04	-0.49	-0.03	CO 12
	655	4.306	Min V <sub>z</sub>	-30.97	-0.01	<b>-0.33</b>	-0.12	0.00	0.00	CO 9
	5	0.000	Max M <sub>T</sub>	-6.83	-0.01	0.53	<b>0.02</b>	-0.47	-0.03	CO 8
		2.631	Min M <sub>T</sub>	-31.47	-0.01	0.01	<b>-0.18</b>	0.26	-0.02	CO 13
		2.631	Max M <sub>y</sub>	-31.31	-0.01	0.01	-0.12	<b>0.27</b>	-0.02	CO 9
	5	0.000	Min M <sub>y</sub>	-6.95	-0.01	0.54	-0.04	<b>-0.49</b>	-0.03	CO 12
	5	0.000	Max M <sub>z</sub>	-0.12	0.00	0.53	-0.05	-0.47	<b>0.00</b>	CO 16
	5	0.000	Min M <sub>z</sub>	-31.94	-0.01	0.53	-0.15	-0.46	<b>-0.05</b>	CO 11
7	6	0.000	max N	<b>55.07</b>	0.04	0.51	0.13	-0.41	0.13	CO 8
			min N	<b>-3.80</b>	0.00	0.51	0.06	-0.40	0.01	CO 13
			max V <sub>y</sub>	54.65	<b>0.04</b>	0.51	0.17	-0.40	0.14	CO 12
			min V <sub>y</sub>	-3.58	<b>0.00</b>	0.51	0.02	-0.40	0.00	CO 15
			max V <sub>z</sub>	55.07	0.04	<b>0.51</b>	0.13	-0.41	0.13	CO 8
			min V <sub>z</sub>	-2.50	0.00	<b>0.51</b>	0.06	-0.39	0.01	CO 17
			max M <sub>T</sub>	55.00	0.04	0.51	<b>0.17</b>	-0.41	0.14	CO 10
			min M <sub>T</sub>	-2.29	0.00	0.51	<b>0.02</b>	-0.40	0.00	CO 16
			max M <sub>y</sub>	-2.50	0.00	0.51	0.06	<b>-0.39</b>	0.01	CO 17
			min M <sub>y</sub>	55.07	0.04	0.51	0.13	<b>-0.41</b>	0.13	CO 8
			max M <sub>z</sub>	54.65	0.04	0.51	0.17	-0.40	<b>0.14</b>	CO 12
			min M <sub>z</sub>	-3.58	0.00	0.51	0.02	-0.40	<b>0.00</b>	CO 15
	611	4.159	max N	<b>54.24</b>	0.03	-0.31	0.13	0.00	0.00	CO 8
			min N	<b>-4.63</b>	0.00	-0.32	0.06	0.00	0.00	CO 13
			max V <sub>y</sub>	53.81	<b>0.03</b>	-0.31	0.17	0.00	0.00	CO 12
			min V <sub>y</sub>	-4.42	<b>0.00</b>	-0.32	0.02	0.00	0.00	CO 15
			max V <sub>z</sub>	54.24	0.03	<b>-0.31</b>	0.13	0.00	0.00	CO 8
			min V <sub>z</sub>	-4.26	0.00	<b>-0.32</b>	0.06	0.00	0.00	CO 19
			max M <sub>T</sub>	54.16	0.03	-0.31	<b>0.17</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	-3.13	0.00	-0.32	<b>0.02</b>	0.00	0.00	CO 16
			max M <sub>y</sub>	-4.63	0.00	-0.32	0.06	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	31.49	0.02	-0.31	0.13	<b>0.00</b>	0.00	CO 3
			max M <sub>z</sub>	53.81	0.03	-0.31	0.17	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-3.13	0.00	-0.32	0.02	0.00	<b>0.00</b>	CO 16
	6	0.000	Max N	<b>55.07</b>	0.04	0.51	0.13	-0.41	0.13	CO 8
	611	4.159	Min N	<b>-4.63</b>	0.00	-0.32	0.06	0.00	0.00	CO 13
	6	0.000	Max V <sub>y</sub>	54.65	<b>0.04</b>	0.51	0.17	-0.40	0.14	CO 12
	611	4.159	Min V <sub>y</sub>	-4.42	<b>0.00</b>	-0.32	0.02	0.00	0.00	CO 15

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	6	0.000	Max V <sub>z</sub>	55.07	0.04	<b>0.51</b>	0.13	-0.41	0.13	CO 8
	611	4.159	Min V <sub>z</sub>	-4.26	0.00	<b>-0.32</b>	0.06	0.00	0.00	CO 19
	6	0.000	Max M <sub>T</sub>	55.00	0.04	0.51	<b>0.17</b>	-0.41	0.14	CO 10
		2.447	Min M <sub>T</sub>	-2.78	0.00	0.02	<b>0.02</b>	0.25	0.00	CO 16
		2.447	Max M <sub>y</sub>	-3.92	0.00	0.02	0.06	<b>0.25</b>	0.00	CO 19
	6	0.000	Min M <sub>y</sub>	55.07	0.04	0.51	0.13	<b>-0.41</b>	0.13	CO 8
	6	0.000	Max M <sub>z</sub>	54.65	0.04	0.51	0.17	-0.40	<b>0.14</b>	CO 12
	6	0.000	Min M <sub>z</sub>	-3.58	0.00	0.51	0.02	-0.40	<b>0.00</b>	CO 15
8	6	0.000	max N	<b>0.64</b>	0.00	0.51	-0.03	-0.42	0.00	CO 9
			min N	<b>-58.75</b>	-0.07	0.52	-0.25	-0.43	-0.40	CO 12
			max V <sub>y</sub>	0.30	<b>0.00</b>	0.51	-0.03	-0.43	0.00	CO 15
			min V <sub>y</sub>	-58.75	<b>-0.07</b>	0.52	-0.25	-0.43	-0.40	CO 12
			max V <sub>z</sub>	-1.48	0.00	<b>0.52</b>	-0.03	-0.44	-0.01	CO 17
			min V <sub>z</sub>	0.64	0.00	<b>0.51</b>	-0.03	-0.42	0.00	CO 9
			max M <sub>T</sub>	-0.99	0.00	0.52	<b>-0.01</b>	-0.43	0.00	CO 16
			min M <sub>T</sub>	-58.20	-0.07	0.51	<b>-0.25</b>	-0.43	-0.39	CO 10
			max M <sub>y</sub>	0.64	0.00	0.51	-0.03	<b>-0.42</b>	0.00	CO 9
			min M <sub>y</sub>	-1.48	0.00	0.52	-0.03	<b>-0.44</b>	-0.01	CO 17
			max M <sub>z</sub>	0.30	0.00	0.51	-0.03	-0.43	<b>0.00</b>	CO 15
			min M <sub>z</sub>	-58.75	-0.07	0.52	-0.25	-0.43	<b>-0.40</b>	CO 12
	453	4.230	max N	<b>1.51</b>	0.00	-0.31	-0.03	0.00	0.00	CO 9
			min N	<b>-57.89</b>	-0.10	-0.32	-0.25	0.00	0.00	CO 12
			max V <sub>y</sub>	1.17	<b>0.00</b>	-0.31	-0.03	0.00	0.00	CO 15
			min V <sub>y</sub>	-57.89	<b>-0.10</b>	-0.32	-0.25	0.00	0.00	CO 12
			max V <sub>z</sub>	-0.62	0.00	<b>-0.31</b>	-0.03	0.00	0.00	CO 17
			min V <sub>z</sub>	-56.70	-0.10	<b>-0.32</b>	-0.22	0.00	0.00	CO 8
			max M <sub>T</sub>	-0.13	0.00	-0.31	<b>-0.01</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	-57.33	-0.10	-0.32	<b>-0.25</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	0.68	0.00	-0.31	-0.05	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-57.33	-0.10	-0.32	-0.25	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	-0.13	0.00	-0.31	-0.01	0.00	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-57.33	-0.10	-0.32	-0.25	0.00	<b>0.00</b>	CO 10
	453	4.230	Max N	<b>1.51</b>	0.00	-0.31	-0.03	0.00	0.00	CO 9
	6	0.000	Min N	<b>-58.75</b>	-0.07	0.52	-0.25	-0.43	-0.40	CO 12
	6	0.000	Max V <sub>y</sub>	0.30	<b>0.00</b>	0.51	-0.03	-0.43	0.00	CO 15
	453	4.230	Min V <sub>y</sub>	-57.89	<b>-0.10</b>	-0.32	-0.25	0.00	0.00	CO 12
	6	0.000	Max V <sub>z</sub>	-1.48	0.00	<b>0.52</b>	-0.03	-0.44	-0.01	CO 17
	453	4.230	Min V <sub>z</sub>	-56.70	-0.10	<b>-0.32</b>	-0.22	0.00	0.00	CO 8
		2.737	Max M <sub>T</sub>	-0.43	0.00	-0.02	<b>-0.01</b>	0.25	0.00	CO 16
		2.737	Min M <sub>T</sub>	-57.64	-0.10	-0.02	<b>-0.25</b>	0.26	-0.15	CO 10
		2.737	Max M <sub>y</sub>	-57.01	-0.10	-0.02	-0.22	<b>0.26</b>	-0.15	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	6	0.000	Min M <sub>y</sub>	-1.48	0.00	0.52	-0.03	<b>-0.44</b>	-0.01	CO 17
	453	4.230	Max M <sub>z</sub>	-0.13	0.00	-0.31	-0.01	0.00	<b>0.00</b>	CO 16
	6	0.000	Min M <sub>z</sub>	-58.75	-0.07	0.52	-0.25	-0.43	<b>-0.40</b>	CO 12
9	14	0.000	max N	<b>28.12</b>	0.03	-0.12	0.28	3.28	0.11	CO 8
			min N	<b>-28.19</b>	0.02	0.10	-0.22	3.27	0.07	CO 13
			max V <sub>y</sub>	28.12	<b>0.03</b>	-0.12	0.28	3.28	0.11	CO 8
			min V <sub>y</sub>	-20.63	<b>0.01</b>	0.01	-0.14	3.51	0.03	CO 17
			max V <sub>z</sub>	-28.19	0.02	<b>0.10</b>	-0.22	3.27	0.07	CO 13
			min V <sub>z</sub>	28.12	0.03	<b>-0.12</b>	0.28	3.28	0.11	CO 8
			max M <sub>T</sub>	28.12	0.03	-0.12	<b>0.28</b>	3.28	0.11	CO 8
			min M <sub>T</sub>	-28.19	0.02	0.10	<b>-0.22</b>	3.27	0.07	CO 13
			max M <sub>y</sub>	-20.63	0.01	0.01	-0.14	<b>3.51</b>	0.03	CO 17
			min M <sub>y</sub>	-14.38	0.02	0.08	-0.13	<b>3.09</b>	0.11	CO 9
			max M <sub>z</sub>	28.12	0.03	-0.12	0.28	3.28	<b>0.11</b>	CO 8
			min M <sub>z</sub>	-20.63	0.01	0.01	-0.14	3.51	<b>0.03</b>	CO 17
	1968	4.156	max N	<b>28.10</b>	0.02	-1.50	0.28	0.00	0.00	CO 8
			min N	<b>-28.21</b>	0.02	-1.63	-0.22	0.00	0.00	CO 13
			max V <sub>y</sub>	-14.40	<b>0.03</b>	-1.55	-0.13	0.00	0.00	CO 9
			min V <sub>y</sub>	-20.65	<b>0.01</b>	-1.67	-0.14	0.00	0.00	CO 17
			max V <sub>z</sub>	28.10	0.02	<b>-1.50</b>	0.28	0.00	0.00	CO 8
			min V <sub>z</sub>	-20.65	0.01	<b>-1.67</b>	-0.14	0.00	0.00	CO 17
			max M <sub>T</sub>	28.10	0.02	-1.50	<b>0.28</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-28.21	0.02	-1.63	<b>-0.22</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-28.21	0.02	-1.63	-0.22	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	28.10	0.02	-1.50	0.28	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	28.10	0.02	-1.50	0.28	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-28.21	0.02	-1.63	-0.22	0.00	<b>0.00</b>	CO 13
	14	0.000	Max N	<b>28.12</b>	0.03	-0.12	0.28	3.28	0.11	CO 8
	1968	4.156	Min N	<b>-28.21</b>	0.02	-1.63	-0.22	0.00	0.00	CO 13
	14	0.000	Max V <sub>y</sub>	28.12	<b>0.03</b>	-0.12	0.28	3.28	0.11	CO 8
	14	0.000	Min V <sub>y</sub>	-20.63	<b>0.01</b>	0.01	-0.14	3.51	0.03	CO 17
	14	0.000	Max V <sub>z</sub>	-28.19	0.02	<b>0.10</b>	-0.22	3.27	0.07	CO 13
	1968	4.156	Min V <sub>z</sub>	-20.65	0.01	<b>-1.67</b>	-0.14	0.00	0.00	CO 17
		1.711	Max M <sub>T</sub>	28.11	0.03	-0.66	<b>0.28</b>	2.62	0.06	CO 8
	1968	4.156	Min M <sub>T</sub>	-28.21	0.02	-1.63	<b>-0.22</b>	0.00	0.00	CO 13
	14	0.000	Max M <sub>y</sub>	-20.63	0.01	0.01	-0.14	<b>3.51</b>	0.03	CO 17
	1968	4.156	Min M <sub>y</sub>	28.10	0.02	-1.50	0.28	<b>0.00</b>	0.00	CO 8
	14	0.000	Max M <sub>z</sub>	28.12	0.03	-0.12	0.28	3.28	<b>0.11</b>	CO 8
	1968	4.156	Min M <sub>z</sub>	-28.21	0.02	-1.63	-0.22	0.00	<b>0.00</b>	CO 13
10	14	0.000	max N	<b>20.78</b>	-0.02	-0.06	0.07	3.15	-0.07	CO 9
			min N	<b>-21.06</b>	-0.01	0.02	0.14	3.51	-0.03	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-21.06	<b>-0.01</b>	0.02	0.14	3.51	-0.03	CO 17
			min V <sub>y</sub>	10.23	<b>-0.03</b>	-0.04	-0.25	3.24	-0.13	CO 8
			max V <sub>z</sub>	-21.06	-0.01	<b>0.02</b>	0.14	3.51	-0.03	CO 17
			min V <sub>z</sub>	20.78	-0.02	<b>-0.06</b>	0.07	3.15	-0.07	CO 9
			max M <sub>T</sub>	-6.77	-0.01	-0.03	<b>0.17</b>	3.44	-0.03	CO 19
			min M <sub>T</sub>	10.23	-0.03	-0.04	<b>-0.25</b>	3.24	-0.13	CO 8
			max M <sub>y</sub>	-21.06	-0.01	0.02	0.14	<b>3.51</b>	-0.03	CO 17
			min M <sub>y</sub>	20.78	-0.02	-0.06	0.07	<b>3.15</b>	-0.07	CO 9
			max M <sub>z</sub>	-6.77	-0.01	-0.03	0.17	3.44	<b>-0.03</b>	CO 19
			min M <sub>z</sub>	10.23	-0.03	-0.04	-0.25	3.24	<b>-0.13</b>	CO 8
	1971	4.156	max N	<b>20.76</b>	-0.02	-1.49	0.07	0.00	0.00	CO 9
			min N	<b>-21.08</b>	-0.01	-1.67	0.14	0.00	0.00	CO 17
			max V <sub>y</sub>	-6.79	<b>-0.01</b>	-1.62	0.17	0.00	0.00	CO 19
			min V <sub>y</sub>	10.21	<b>-0.03</b>	-1.53	-0.25	0.00	0.00	CO 8
			max V <sub>z</sub>	20.76	-0.02	<b>-1.49</b>	0.07	0.00	0.00	CO 9
			min V <sub>z</sub>	-21.08	-0.01	<b>-1.67</b>	0.14	0.00	0.00	CO 17
			max M <sub>T</sub>	-6.79	-0.01	-1.62	<b>0.17</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	10.21	-0.03	-1.53	<b>-0.25</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-7.14	-0.02	-1.58	0.08	<b>0.00</b>	0.00	CO 2
			min M <sub>y</sub>	10.21	-0.03	-1.53	-0.25	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-6.79	-0.01	-1.62	0.17	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	10.21	-0.03	-1.53	-0.25	0.00	<b>0.00</b>	CO 8
	14	0.000	Max N	<b>20.78</b>	-0.02	-0.06	0.07	3.15	-0.07	CO 9
	1971	4.156	Min N	<b>-21.08</b>	-0.01	-1.67	0.14	0.00	0.00	CO 17
	14	0.000	Max V <sub>y</sub>	-21.06	<b>-0.01</b>	0.02	0.14	3.51	-0.03	CO 17
	14	0.000	Min V <sub>y</sub>	10.23	<b>-0.03</b>	-0.04	-0.25	3.24	-0.13	CO 8
	14	0.000	Max V <sub>z</sub>	-21.06	-0.01	<b>0.02</b>	0.14	3.51	-0.03	CO 17
	1971	4.156	Min V <sub>z</sub>	-21.08	-0.01	<b>-1.67</b>	0.14	0.00	0.00	CO 17
	14	0.000	Max M <sub>T</sub>	-6.77	-0.01	-0.03	<b>0.17</b>	3.44	-0.03	CO 19
		3.178	Min M <sub>T</sub>	10.21	-0.03	-1.17	<b>-0.25</b>	1.32	-0.03	CO 8
	14	0.000	Max M <sub>y</sub>	-21.06	-0.01	0.02	0.14	<b>3.51</b>	-0.03	CO 17
	1971	4.156	Min M <sub>y</sub>	10.21	-0.03	-1.53	-0.25	<b>0.00</b>	0.00	CO 8
	1971	4.156	Max M <sub>z</sub>	-6.79	-0.01	-1.62	0.17	0.00	<b>0.00</b>	CO 19
	14	0.000	Min M <sub>z</sub>	10.23	-0.03	-0.04	-0.25	3.24	<b>-0.13</b>	CO 8
11	15	0.000	max N	<b>0.01</b>	0.03	-0.01	-0.05	3.26	0.13	CO 9
			min N	<b>-18.47</b>	-0.02	-0.02	0.31	3.63	-0.10	CO 12
			max V <sub>y</sub>	0.01	<b>0.03</b>	-0.01	-0.05	3.26	0.13	CO 9
			min V <sub>y</sub>	-18.47	<b>-0.02</b>	-0.02	0.31	3.63	-0.10	CO 12
			max V <sub>z</sub>	-1.70	0.02	<b>0.00</b>	0.00	3.25	0.07	CO 1
			min V <sub>z</sub>	-8.88	-0.01	<b>-0.03</b>	0.31	3.48	-0.06	CO 8
			max M <sub>T</sub>	-12.34	-0.02	-0.03	<b>0.31</b>	3.53	-0.07	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-9.47	0.02	-0.01	<b>-0.05</b>	3.41	0.09	CO 13
			max M <sub>y</sub>	-18.47	-0.02	-0.02	0.31	<b>3.63</b>	-0.10	CO 12
			min M <sub>y</sub>	-1.70	0.02	0.00	0.00	<b>3.25</b>	0.07	CO 1
			max M <sub>z</sub>	0.01	0.03	-0.01	-0.05	3.26	<b>0.13</b>	CO 9
			min M <sub>z</sub>	-18.47	-0.02	-0.02	0.31	3.63	<b>-0.10</b>	CO 12
	1967	4.156	max N	<b>-0.01</b>	0.03	-1.56	-0.05	0.00	0.00	CO 9
			min N	<b>-18.49</b>	-0.03	-1.69	0.31	0.00	0.00	CO 12
			max V <sub>y</sub>	-0.01	<b>0.03</b>	-1.56	-0.05	0.00	0.00	CO 9
			min V <sub>y</sub>	-18.49	<b>-0.03</b>	-1.69	0.31	0.00	0.00	CO 12
			max V <sub>z</sub>	-0.01	0.03	<b>-1.56</b>	-0.05	0.00	0.00	CO 9
			min V <sub>z</sub>	-18.49	-0.03	<b>-1.69</b>	0.31	0.00	0.00	CO 12
			max M <sub>T</sub>	-12.36	-0.02	-1.65	<b>0.31</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	-9.49	0.02	-1.62	<b>-0.05</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-18.49	-0.03	-1.69	0.31	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-9.47	-0.01	-1.62	0.19	<b>0.00</b>	0.00	CO 3
			max M <sub>z</sub>	-18.49	-0.03	-1.69	0.31	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-9.49	0.02	-1.62	-0.05	0.00	<b>0.00</b>	CO 13
	15	0.000	Max N	<b>0.01</b>	0.03	-0.01	-0.05	3.26	0.13	CO 9
	1967	4.156	Min N	<b>-18.49</b>	-0.03	-1.69	0.31	0.00	0.00	CO 12
	1967	4.156	Max V <sub>y</sub>	-0.01	<b>0.03</b>	-1.56	-0.05	0.00	0.00	CO 9
	1967	4.156	Min V <sub>y</sub>	-18.49	<b>-0.03</b>	-1.69	0.31	0.00	0.00	CO 12
	15	0.000	Max V <sub>z</sub>	-1.70	0.02	<b>0.00</b>	0.00	3.25	0.07	CO 1
	1967	4.156	Min V <sub>z</sub>	-18.49	-0.03	<b>-1.69</b>	0.31	0.00	0.00	CO 12
	15	0.000	Max M <sub>T</sub>	-12.34	-0.02	-0.03	<b>0.31</b>	3.53	-0.07	CO 10
	15	0.000	Min M <sub>T</sub>	-9.47	0.02	-0.01	<b>-0.05</b>	3.41	0.09	CO 13
	15	0.000	Max M <sub>y</sub>	-18.47	-0.02	-0.02	0.31	<b>3.63</b>	-0.10	CO 12
	1967	4.156	Min M <sub>y</sub>	-9.47	-0.01	-1.62	0.19	<b>0.00</b>	0.00	CO 3
	15	0.000	Max M <sub>z</sub>	0.01	0.03	-0.01	-0.05	3.26	<b>0.13</b>	CO 9
	15	0.000	Min M <sub>z</sub>	-18.47	-0.02	-0.02	0.31	3.63	<b>-0.10</b>	CO 12
12	15	0.000	max N	<b>12.30</b>	0.01	-0.13	-0.30	3.55	0.06	CO 8
			min N	<b>-13.69</b>	-0.01	0.00	0.01	3.45	-0.02	CO 17
			max V <sub>y</sub>	2.97	<b>0.02</b>	-0.13	-0.30	3.71	0.10	CO 12
			min V <sub>y</sub>	-1.66	<b>-0.02</b>	0.00	0.00	3.25	-0.07	CO 1
			max V <sub>z</sub>	0.35	-0.01	<b>0.01</b>	-0.05	3.17	-0.06	CO 9
			min V <sub>z</sub>	2.97	0.02	<b>-0.13</b>	-0.30	3.71	0.10	CO 12
			max M <sub>T</sub>	-13.69	-0.01	0.00	<b>0.01</b>	3.45	-0.02	CO 17
			min M <sub>T</sub>	12.30	0.01	-0.13	<b>-0.30</b>	3.55	0.06	CO 8
			max M <sub>y</sub>	2.97	0.02	-0.13	-0.30	<b>3.71</b>	0.10	CO 12
			min M <sub>y</sub>	0.35	-0.01	0.01	-0.05	<b>3.17</b>	-0.06	CO 9
			max M <sub>z</sub>	2.97	0.02	-0.13	-0.30	3.71	<b>0.10</b>	CO 12
			min M <sub>z</sub>	-1.66	-0.02	0.00	0.00	3.25	<b>-0.07</b>	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1970	4.156	max N	<b>12.28</b>	0.02	-1.60	-0.30	0.00	0.00	CO 8
			min N	<b>-13.71</b>	-0.01	-1.64	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	2.95	<b>0.03</b>	-1.66	-0.30	0.00	0.00	CO 12
			min V <sub>y</sub>	-1.68	<b>-0.02</b>	-1.56	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.33	-0.01	<b>-1.54</b>	-0.05	0.00	0.00	CO 9
			min V <sub>z</sub>	-5.25	0.01	<b>-1.66</b>	-0.18	0.00	0.00	CO 18
			max M <sub>T</sub>	-13.71	-0.01	-1.64	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	12.28	0.02	-1.60	<b>-0.30</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	2.95	0.03	-1.66	-0.30	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.33	-0.01	-1.54	-0.05	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-13.71	-0.01	-1.64	0.01	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	2.95	0.03	-1.66	-0.30	0.00	<b>0.00</b>	CO 12
	15	0.000	Max N	<b>12.30</b>	0.01	-0.13	-0.30	3.55	0.06	CO 8
	1970	4.156	Min N	<b>-13.71</b>	-0.01	-1.64	0.01	0.00	0.00	CO 17
	1970	4.156	Max V <sub>y</sub>	2.95	<b>0.03</b>	-1.66	-0.30	0.00	0.00	CO 12
		3.911	Min V <sub>y</sub>	-1.68	<b>-0.02</b>	-1.47	0.00	0.37	0.00	CO 1
	15	0.000	Max V <sub>z</sub>	0.35	-0.01	<b>0.01</b>	-0.05	3.17	-0.06	CO 9
	1970	4.156	Min V <sub>z</sub>	-5.25	0.01	<b>-1.66</b>	-0.18	0.00	0.00	CO 18
	15	0.000	Max M <sub>T</sub>	-13.69	-0.01	0.00	<b>0.01</b>	3.45	-0.02	CO 17
	1970	4.156	Min M <sub>T</sub>	12.28	0.02	-1.60	<b>-0.30</b>	0.00	0.00	CO 8
	15	0.000	Max M <sub>y</sub>	2.97	0.02	-0.13	-0.30	<b>3.71</b>	0.10	CO 12
	1970	4.156	Min M <sub>y</sub>	0.33	-0.01	-1.54	-0.05	<b>0.00</b>	0.00	CO 9
	15	0.000	Max M <sub>z</sub>	2.97	0.02	-0.13	-0.30	3.71	<b>0.10</b>	CO 12
	15	0.000	Min M <sub>z</sub>	-1.66	-0.02	0.00	0.00	3.25	<b>-0.07</b>	CO 1
13	16	0.000	max N	<b>21.66</b>	0.03	-0.10	-0.06	3.30	0.12	CO 9
			min N	<b>-24.78</b>	0.02	-0.08	0.18	4.00	0.08	CO 18
			max V <sub>y</sub>	-8.92	<b>0.04</b>	-0.11	0.32	3.83	0.18	CO 8
			min V <sub>y</sub>	-21.13	<b>0.00</b>	-0.01	-0.01	3.64	0.02	CO 17
			max V <sub>z</sub>	-2.94	0.02	<b>0.00</b>	0.00	3.28	0.07	CO 1
			min V <sub>z</sub>	-23.03	0.03	<b>-0.12</b>	0.32	4.16	0.14	CO 12
			max M <sub>T</sub>	-8.92	0.04	-0.11	<b>0.32</b>	3.83	0.18	CO 8
			min M <sub>T</sub>	7.75	0.02	-0.12	<b>-0.07</b>	3.57	0.07	CO 13
			max M <sub>y</sub>	-23.03	0.03	-0.12	0.32	<b>4.16</b>	0.14	CO 12
			min M <sub>y</sub>	-2.94	0.02	0.00	0.00	<b>3.28</b>	0.07	CO 1
			max M <sub>z</sub>	-8.92	0.04	-0.11	0.32	3.83	<b>0.18</b>	CO 8
			min M <sub>z</sub>	-21.13	0.00	-0.01	-0.01	3.64	<b>0.02</b>	CO 17
	1969	4.156	max N	<b>21.64</b>	0.03	-1.52	-0.06	0.00	0.00	CO 9
			min N	<b>-24.80</b>	0.02	-1.80	0.18	0.00	0.00	CO 18
			max V <sub>y</sub>	-8.94	<b>0.04</b>	-1.72	0.32	0.00	0.00	CO 8
			min V <sub>y</sub>	-21.14	<b>0.00</b>	-1.70	-0.01	0.00	0.00	CO 17
			max V <sub>z</sub>	21.64	0.03	<b>-1.52</b>	-0.06	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-23.05	0.03	<b>-1.84</b>	0.32	0.00	0.00	CO 12
			max M <sub>T</sub>	-8.94	0.04	-1.72	<b>0.32</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	7.73	0.02	-1.62	<b>-0.07</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	21.64	0.03	-1.52	-0.06	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-8.94	0.04	-1.72	0.32	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-23.05	0.03	-1.84	0.32	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	7.73	0.02	-1.62	-0.07	0.00	<b>0.00</b>	CO 13
	16	0.000	Max N	<b>21.66</b>	0.03	-0.10	-0.06	3.30	0.12	CO 9
	1969	4.156	Min N	<b>-24.80</b>	0.02	-1.80	0.18	0.00	0.00	CO 18
		1.711	Max V <sub>y</sub>	-8.93	<b>0.04</b>	-0.78	0.32	3.07	0.11	CO 8
	16	0.000	Min V <sub>y</sub>	-21.13	<b>0.00</b>	-0.01	-0.01	3.64	0.02	CO 17
	16	0.000	Max V <sub>z</sub>	-2.94	0.02	<b>0.00</b>	0.00	3.28	0.07	CO 1
	1969	4.156	Min V <sub>z</sub>	-23.05	0.03	<b>-1.84</b>	0.32	0.00	0.00	CO 12
		1.956	Max M <sub>T</sub>	-8.93	0.04	-0.88	<b>0.32</b>	2.86	0.09	CO 8
	16	0.000	Min M <sub>T</sub>	7.75	0.02	-0.12	<b>-0.07</b>	3.57	0.07	CO 13
	16	0.000	Max M <sub>y</sub>	-23.03	0.03	-0.12	0.32	<b>4.16</b>	0.14	CO 12
	1969	4.156	Min M <sub>y</sub>	-8.94	0.04	-1.72	0.32	<b>0.00</b>	0.00	CO 8
	16	0.000	Max M <sub>z</sub>	-8.92	0.04	-0.11	0.32	3.83	<b>0.18</b>	CO 8
	1969	4.156	Min M <sub>z</sub>	7.73	0.02	-1.62	-0.07	0.00	<b>0.00</b>	CO 13
14	16	0.000	max N	<b>-2.92</b>	-0.02	0.00	0.00	3.28	-0.07	CO 1
			min N	<b>-40.23</b>	-0.02	-0.02	-0.33	4.07	-0.11	CO 12
			max V <sub>y</sub>	-27.94	<b>0.00</b>	0.04	0.00	3.53	-0.02	CO 19
			min V <sub>y</sub>	-26.08	<b>-0.03</b>	-0.02	-0.33	3.75	-0.15	CO 8
			max V <sub>z</sub>	-14.55	-0.02	<b>0.08</b>	-0.02	3.12	-0.07	CO 9
			min V <sub>z</sub>	-30.47	-0.03	<b>-0.02</b>	-0.33	3.85	-0.14	CO 10
			max M <sub>T</sub>	-20.89	0.00	-0.02	<b>0.02</b>	3.64	-0.02	CO 17
			min M <sub>T</sub>	-26.08	-0.03	-0.02	<b>-0.33</b>	3.75	-0.15	CO 8
			max M <sub>y</sub>	-40.23	-0.02	-0.02	-0.33	<b>4.07</b>	-0.11	CO 12
			min M <sub>y</sub>	-14.55	-0.02	0.08	-0.02	<b>3.12</b>	-0.07	CO 9
			max M <sub>z</sub>	-27.94	0.00	0.04	0.00	3.53	<b>-0.02</b>	CO 19
			min M <sub>z</sub>	-26.08	-0.03	-0.02	-0.33	3.75	<b>-0.15</b>	CO 8
	1972	4.156	max N	<b>-2.94</b>	-0.02	-1.57	0.00	0.00	0.00	CO 1
			min N	<b>-40.25</b>	-0.03	-1.86	-0.33	0.00	0.00	CO 12
			max V <sub>y</sub>	-27.96	<b>0.00</b>	-1.69	0.00	0.00	0.00	CO 19
			min V <sub>y</sub>	-26.10	<b>-0.04</b>	-1.74	-0.33	0.00	0.00	CO 8
			max V <sub>z</sub>	-14.57	-0.02	<b>-1.56</b>	-0.02	0.00	0.00	CO 9
			min V <sub>z</sub>	-40.25	-0.03	<b>-1.86</b>	-0.33	0.00	0.00	CO 12
			max M <sub>T</sub>	-20.91	0.00	-1.70	<b>0.02</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-26.10	-0.04	-1.74	<b>-0.33</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-7.22	-0.01	-1.60	0.01	<b>0.00</b>	0.00	CO 2
			min M <sub>y</sub>	-26.10	-0.04	-1.74	-0.33	<b>0.00</b>	0.00	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-20.91	0.00	-1.70	0.02	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-40.25	-0.03	-1.86	-0.33	0.00	<b>0.00</b>	CO 12
	16	0.000	Max N	<b>-2.92</b>	-0.02	0.00	0.00	3.28	-0.07	CO 1
	1972	4.156	Min N	<b>-40.25</b>	-0.03	-1.86	-0.33	0.00	0.00	CO 12
	16	0.000	Max V <sub>y</sub>	-27.94	<b>0.00</b>	0.04	0.00	3.53	-0.02	CO 19
		2.934	Min V <sub>y</sub>	-26.10	<b>-0.04</b>	-1.27	-0.33	1.84	-0.05	CO 8
	16	0.000	Max V <sub>z</sub>	-14.55	-0.02	<b>0.08</b>	-0.02	3.12	-0.07	CO 9
	1972	4.156	Min V <sub>z</sub>	-40.25	-0.03	<b>-1.86</b>	-0.33	0.00	0.00	CO 12
	16	0.000	Max M <sub>T</sub>	-20.89	0.00	-0.02	<b>0.02</b>	3.64	-0.02	CO 17
		3.178	Min M <sub>T</sub>	-26.10	-0.04	-1.36	<b>-0.33</b>	1.52	-0.04	CO 8
	16	0.000	Max M <sub>y</sub>	-40.23	-0.02	-0.02	-0.33	<b>4.07</b>	-0.11	CO 12
	1972	4.156	Min M <sub>y</sub>	-26.10	-0.04	-1.74	-0.33	<b>0.00</b>	0.00	CO 8
	1972	4.156	Max M <sub>z</sub>	-20.91	0.00	-1.70	0.02	0.00	<b>0.00</b>	CO 17
	16	0.000	Min M <sub>z</sub>	-26.08	-0.03	-0.02	-0.33	3.75	<b>-0.15</b>	CO 8
15	21	0.000	max N	<b>15.23</b>	-0.02	-0.13	0.34	3.53	-0.09	CO 8
			min N	<b>-20.20</b>	0.01	0.00	-0.03	3.58	0.03	CO 19
			max V <sub>y</sub>	-2.22	<b>0.02</b>	0.00	0.00	3.25	0.07	CO 1
			min V <sub>y</sub>	3.19	<b>-0.03</b>	-0.13	0.34	3.72	-0.12	CO 12
			max V <sub>z</sub>	-13.77	0.01	<b>0.00</b>	0.00	3.44	0.04	CO 16
			min V <sub>z</sub>	3.19	-0.03	<b>-0.13</b>	0.34	3.72	-0.12	CO 12
			max M <sub>T</sub>	3.19	-0.03	-0.13	<b>0.34</b>	3.72	-0.12	CO 12
			min M <sub>T</sub>	-14.07	0.01	-0.01	<b>-0.05</b>	3.49	0.05	CO 15
			max M <sub>y</sub>	3.19	-0.03	-0.13	0.34	<b>3.72</b>	-0.12	CO 12
			min M <sub>y</sub>	-2.22	0.02	0.00	0.00	<b>3.25</b>	0.07	CO 1
			max M <sub>z</sub>	-2.22	0.02	0.00	0.00	3.25	<b>0.07</b>	CO 1
			min M <sub>z</sub>	3.19	-0.03	-0.13	0.34	3.72	<b>-0.12</b>	CO 12
	1970	4.156	max N	<b>15.21</b>	-0.02	-1.59	0.34	0.00	0.00	CO 8
			min N	<b>-20.22</b>	0.01	-1.68	-0.03	0.00	0.00	CO 19
			max V <sub>y</sub>	-5.98	<b>0.02</b>	-1.60	-0.05	0.00	0.00	CO 9
			min V <sub>y</sub>	3.17	<b>-0.03</b>	-1.66	0.34	0.00	0.00	CO 12
			max V <sub>z</sub>	-2.24	0.02	<b>-1.56</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-20.22	0.01	<b>-1.68</b>	-0.03	0.00	0.00	CO 19
			max M <sub>T</sub>	3.17	-0.03	-1.66	<b>0.34</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-14.09	0.01	-1.65	<b>-0.05</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	-5.98	0.02	-1.60	-0.05	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	15.21	-0.02	-1.59	0.34	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	3.17	-0.03	-1.66	0.34	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-18.26	0.01	-1.68	-0.05	0.00	<b>0.00</b>	CO 13
	21	0.000	Max N	<b>15.23</b>	-0.02	-0.13	0.34	3.53	-0.09	CO 8
	1970	4.156	Min N	<b>-20.22</b>	0.01	-1.68	-0.03	0.00	0.00	CO 19
	1970	4.156	Max V <sub>y</sub>	-5.98	<b>0.02</b>	-1.60	-0.05	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1970	4.156	Min V <sub>y</sub>	3.17	<b>-0.03</b>	-1.66	0.34	0.00	0.00	CO 12
	21	0.000	Max V <sub>z</sub>	-13.77	0.01	<b>0.00</b>	0.00	3.44	0.04	CO 16
	1970	4.156	Min V <sub>z</sub>	-20.22	0.01	<b>-1.68</b>	-0.03	0.00	0.00	CO 19
	21	0.000	Max M <sub>T</sub>	3.19	-0.03	-0.13	<b>0.34</b>	3.72	-0.12	CO 12
	21	0.000	Min M <sub>T</sub>	-14.07	0.01	-0.01	<b>-0.05</b>	3.49	0.05	CO 15
	21	0.000	Max M <sub>y</sub>	3.19	-0.03	-0.13	0.34	<b>3.72</b>	-0.12	CO 12
	1970	4.156	Min M <sub>y</sub>	15.21	-0.02	-1.59	0.34	<b>0.00</b>	0.00	CO 8
	21	0.000	Max M <sub>z</sub>	-2.22	0.02	0.00	0.00	3.25	<b>0.07</b>	CO 1
	21	0.000	Min M <sub>z</sub>	3.19	-0.03	-0.13	0.34	3.72	<b>-0.12</b>	CO 12
16	21	0.000	max N	<b>-2.31</b>	-0.02	0.00	0.00	3.26	-0.07	CO 1
			min N	<b>-23.71</b>	0.02	0.00	-0.21	3.64	0.11	CO 12
			max V <sub>y</sub>	-23.71	<b>0.02</b>	0.00	-0.21	3.64	0.11	CO 12
			min V <sub>y</sub>	-6.42	<b>-0.03</b>	0.01	-0.05	3.26	-0.12	CO 9
			max V <sub>z</sub>	-6.42	-0.03	<b>0.01</b>	-0.05	3.26	-0.12	CO 9
			min V <sub>z</sub>	-11.14	0.02	<b>-0.01</b>	-0.22	3.44	0.09	CO 8
			max M <sub>T</sub>	-18.12	-0.01	0.00	<b>0.02</b>	3.53	-0.04	CO 17
			min M <sub>T</sub>	-11.14	0.02	-0.01	<b>-0.22</b>	3.44	0.09	CO 8
			max M <sub>y</sub>	-23.71	0.02	0.00	-0.21	<b>3.64</b>	0.11	CO 12
			min M <sub>y</sub>	-2.31	-0.02	0.00	0.00	<b>3.26</b>	-0.07	CO 1
			max M <sub>z</sub>	-23.71	0.02	0.00	-0.21	3.64	<b>0.11</b>	CO 12
			min M <sub>z</sub>	-6.42	-0.03	0.01	-0.05	3.26	<b>-0.12</b>	CO 9
	1973	4.156	max N	<b>-2.33</b>	-0.02	-1.56	0.00	0.00	0.00	CO 1
			min N	<b>-23.73</b>	0.03	-1.71	-0.21	0.00	0.00	CO 12
			max V <sub>y</sub>	-23.73	<b>0.03</b>	-1.71	-0.21	0.00	0.00	CO 12
			min V <sub>y</sub>	-6.44	<b>-0.03</b>	-1.57	-0.05	0.00	0.00	CO 9
			max V <sub>z</sub>	-2.33	-0.02	<b>-1.56</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-23.73	0.03	<b>-1.71</b>	-0.21	0.00	0.00	CO 12
			max M <sub>T</sub>	-18.14	-0.01	-1.67	<b>0.02</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-11.16	0.02	-1.63	<b>-0.22</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-23.73	0.03	-1.71	-0.21	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-6.44	-0.03	-1.57	-0.05	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-18.14	-0.01	-1.67	0.02	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-15.53	0.03	-1.66	-0.22	0.00	<b>0.00</b>	CO 10
	21	0.000	Max N	<b>-2.31</b>	-0.02	0.00	0.00	3.26	-0.07	CO 1
	1973	4.156	Min N	<b>-23.73</b>	0.03	-1.71	-0.21	0.00	0.00	CO 12
	1973	4.156	Max V <sub>y</sub>	-23.73	<b>0.03</b>	-1.71	-0.21	0.00	0.00	CO 12
		3.178	Min V <sub>y</sub>	-6.43	<b>-0.03</b>	-1.21	-0.05	1.36	-0.03	CO 9
	21	0.000	Max V <sub>z</sub>	-6.42	-0.03	<b>0.01</b>	-0.05	3.26	-0.12	CO 9
	1973	4.156	Min V <sub>z</sub>	-23.73	0.03	<b>-1.71</b>	-0.21	0.00	0.00	CO 12
	21	0.000	Max M <sub>T</sub>	-18.12	-0.01	0.00	<b>0.02</b>	3.53	-0.04	CO 17
	1973	4.156	Min M <sub>T</sub>	-11.16	0.02	-1.63	<b>-0.22</b>	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	21	0.000	Max M <sub>y</sub>	-23.71	0.02	0.00	-0.21	<b>3.64</b>	0.11	CO 12
	1973	4.156	Min M <sub>y</sub>	-6.44	-0.03	-1.57	-0.05	<b>0.00</b>	0.00	CO 9
	21	0.000	Max M <sub>z</sub>	-23.71	0.02	0.00	-0.21	3.64	<b>0.11</b>	CO 12
	21	0.000	Min M <sub>z</sub>	-6.42	-0.03	0.01	-0.05	3.26	<b>-0.12</b>	CO 9
17	19	0.000	max N	<b>25.08</b>	-0.01	-0.16	0.33	3.49	-0.05	CO 8
			min N	<b>-18.10</b>	0.01	0.00	-0.01	3.52	0.04	CO 17
			max V <sub>y</sub>	0.58	<b>0.03</b>	-0.01	-0.05	3.25	0.11	CO 9
			min V <sub>y</sub>	13.00	<b>-0.02</b>	-0.17	0.32	3.70	-0.08	CO 12
			max V <sub>z</sub>	-13.86	0.01	<b>0.00</b>	-0.01	3.44	0.05	CO 16
			min V <sub>z</sub>	13.00	-0.02	<b>-0.17</b>	0.32	3.70	-0.08	CO 12
			max M <sub>T</sub>	20.95	-0.02	-0.16	<b>0.33</b>	3.56	-0.06	CO 10
			min M <sub>T</sub>	-11.80	0.02	-0.01	<b>-0.06</b>	3.45	0.08	CO 13
			max M <sub>y</sub>	13.00	-0.02	-0.17	0.32	<b>3.70</b>	-0.08	CO 12
			min M <sub>y</sub>	0.58	0.03	-0.01	-0.05	<b>3.25</b>	0.11	CO 9
			max M <sub>z</sub>	0.58	0.03	-0.01	-0.05	3.25	<b>0.11</b>	CO 9
			min M <sub>z</sub>	13.00	-0.02	-0.17	0.32	3.70	<b>-0.08</b>	CO 12
	1973	4.156	max N	<b>25.06</b>	-0.01	-1.56	0.32	0.00	0.00	CO 8
			min N	<b>-18.12</b>	0.01	-1.67	-0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	0.56	<b>0.03</b>	-1.56	-0.05	0.00	0.00	CO 9
			min V <sub>y</sub>	12.98	<b>-0.02</b>	-1.63	0.32	0.00	0.00	CO 12
			max V <sub>z</sub>	0.56	0.03	<b>-1.56</b>	-0.05	0.00	0.00	CO 9
			min V <sub>z</sub>	-18.12	0.01	<b>-1.67</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	20.93	-0.02	-1.58	<b>0.32</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	-11.82	0.02	-1.63	<b>-0.06</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	0.56	0.03	-1.56	-0.05	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	25.06	-0.01	-1.56	0.32	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	12.98	-0.02	-1.63	0.32	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-11.82	0.02	-1.63	-0.06	0.00	<b>0.00</b>	CO 13
	19	0.000	Max N	<b>25.08</b>	-0.01	-0.16	0.33	3.49	-0.05	CO 8
	1973	4.156	Min N	<b>-18.12</b>	0.01	-1.67	-0.01	0.00	0.00	CO 17
	1973	4.156	Max V <sub>y</sub>	0.56	<b>0.03</b>	-1.56	-0.05	0.00	0.00	CO 9
	1973	4.156	Min V <sub>y</sub>	12.98	<b>-0.02</b>	-1.63	0.32	0.00	0.00	CO 12
	19	0.000	Max V <sub>z</sub>	-13.86	0.01	<b>0.00</b>	-0.01	3.44	0.05	CO 16
	1973	4.156	Min V <sub>z</sub>	-18.12	0.01	<b>-1.67</b>	-0.01	0.00	0.00	CO 17
	19	0.000	Max M <sub>T</sub>	20.95	-0.02	-0.16	<b>0.33</b>	3.56	-0.06	CO 10
	19	0.000	Min M <sub>T</sub>	-11.80	0.02	-0.01	<b>-0.06</b>	3.45	0.08	CO 13
	19	0.000	Max M <sub>y</sub>	13.00	-0.02	-0.17	0.32	<b>3.70</b>	-0.08	CO 12
	1973	4.156	Min M <sub>y</sub>	25.06	-0.01	-1.56	0.32	<b>0.00</b>	0.00	CO 8
	19	0.000	Max M <sub>z</sub>	0.58	0.03	-0.01	-0.05	3.25	<b>0.11</b>	CO 9
	19	0.000	Min M <sub>z</sub>	13.00	-0.02	-0.17	0.32	3.70	<b>-0.08</b>	CO 12
18	19	0.000	max N	<b>0.76</b>	-0.03	0.01	-0.06	3.15	-0.12	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-34.26</b>	0.02	0.06	-0.10	3.55	0.08	CO 12
			max V <sub>y</sub>	-34.26	<b>0.02</b>	0.06	-0.10	3.55	0.08	CO 12
			min V <sub>y</sub>	0.76	<b>-0.03</b>	0.01	-0.06	3.15	-0.12	CO 9
			max V <sub>z</sub>	-34.26	0.02	<b>0.06</b>	-0.10	3.55	0.08	CO 12
			min V <sub>z</sub>	-18.49	-0.01	<b>0.00</b>	0.02	3.53	-0.03	CO 17
			max M <sub>T</sub>	-18.49	-0.01	0.00	<b>0.02</b>	3.53	-0.03	CO 17
			min M <sub>T</sub>	-21.34	0.01	0.05	<b>-0.11</b>	3.35	0.05	CO 8
			max M <sub>y</sub>	-30.11	0.01	0.04	-0.05	<b>3.57</b>	0.04	CO 18
			min M <sub>y</sub>	0.76	-0.03	0.01	-0.06	<b>3.15</b>	-0.12	CO 9
			max M <sub>z</sub>	-34.26	0.02	0.06	-0.10	3.55	<b>0.08</b>	CO 12
			min M <sub>z</sub>	0.76	-0.03	0.01	-0.06	3.15	<b>-0.12</b>	CO 9
	1977	4.156	max N	<b>0.74</b>	-0.03	-1.53	-0.06	0.00	0.00	CO 9
			min N	<b>-34.28</b>	0.02	-1.71	-0.10	0.00	0.00	CO 12
			max V <sub>y</sub>	-34.28	<b>0.02</b>	-1.71	-0.10	0.00	0.00	CO 12
			min V <sub>y</sub>	0.74	<b>-0.03</b>	-1.53	-0.06	0.00	0.00	CO 9
			max V <sub>z</sub>	0.74	-0.03	<b>-1.53</b>	-0.06	0.00	0.00	CO 9
			min V <sub>z</sub>	-34.28	0.02	<b>-1.71</b>	-0.10	0.00	0.00	CO 12
			max M <sub>T</sub>	-18.51	-0.01	-1.67	<b>0.02</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-21.37	0.01	-1.63	<b>-0.11</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-25.95	0.02	-1.66	-0.11	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	0.74	-0.03	-1.53	-0.06	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-18.51	-0.01	-1.67	0.02	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-21.37	0.01	-1.63	-0.11	0.00	<b>0.00</b>	CO 8
	19	0.000	Max N	<b>0.76</b>	-0.03	0.01	-0.06	3.15	-0.12	CO 9
	1977	4.156	Min N	<b>-34.28</b>	0.02	-1.71	-0.10	0.00	0.00	CO 12
	1977	4.156	Max V <sub>y</sub>	-34.28	<b>0.02</b>	-1.71	-0.10	0.00	0.00	CO 12
	19	0.000	Min V <sub>y</sub>	0.76	<b>-0.03</b>	0.01	-0.06	3.15	-0.12	CO 9
	19	0.000	Max V <sub>z</sub>	-34.26	0.02	<b>0.06</b>	-0.10	3.55	0.08	CO 12
	1977	4.156	Min V <sub>z</sub>	-34.28	0.02	<b>-1.71</b>	-0.10	0.00	0.00	CO 12
	19	0.000	Max M <sub>T</sub>	-18.49	-0.01	0.00	<b>0.02</b>	3.53	-0.03	CO 17
	1977	4.156	Min M <sub>T</sub>	-21.37	0.01	-1.63	<b>-0.11</b>	0.00	0.00	CO 8
	19	0.000	Max M <sub>y</sub>	-30.11	0.01	0.04	-0.05	<b>3.57</b>	0.04	CO 18
	1977	4.156	Min M <sub>y</sub>	0.74	-0.03	-1.53	-0.06	<b>0.00</b>	0.00	CO 9
	19	0.000	Max M <sub>z</sub>	-34.26	0.02	0.06	-0.10	3.55	<b>0.08</b>	CO 12
	19	0.000	Min M <sub>z</sub>	0.76	-0.03	0.01	-0.06	3.15	<b>-0.12</b>	CO 9
19	17	0.000	max N	<b>43.91</b>	0.00	-0.23	0.27	3.49	0.02	CO 8
			min N	<b>-9.62</b>	0.01	0.00	-0.03	3.39	0.04	CO 19
			max V <sub>y</sub>	-2.49	<b>0.03</b>	0.00	-0.06	3.27	0.12	CO 9
			min V <sub>y</sub>	38.35	<b>-0.01</b>	-0.24	0.28	3.59	-0.03	CO 12
			max V <sub>z</sub>	-7.86	0.01	<b>0.00</b>	-0.03	3.35	0.06	CO 21
			min V <sub>z</sub>	38.35	-0.01	<b>-0.24</b>	0.28	3.59	-0.03	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	38.35	-0.01	-0.24	<b>0.28</b>	3.59	-0.03	CO 12
			min M <sub>T</sub>	-6.67	0.02	0.00	<b>-0.06</b>	3.33	0.09	CO 15
			max M <sub>y</sub>	38.35	-0.01	-0.24	0.28	<b>3.59</b>	-0.03	CO 12
			min M <sub>y</sub>	-1.00	0.02	0.00	0.00	<b>3.24</b>	0.07	CO 1
			max M <sub>z</sub>	-2.49	0.03	0.00	-0.06	3.27	<b>0.12</b>	CO 9
			min M <sub>z</sub>	38.35	-0.01	-0.24	0.28	3.59	<b>-0.03</b>	CO 12
	1977	4.156	max N	<b>43.89</b>	0.00	-1.52	0.27	0.00	0.00	CO 8
			min N	<b>-9.64</b>	0.01	-1.61	-0.03	0.00	0.00	CO 19
			max V <sub>y</sub>	-2.51	<b>0.03</b>	-1.57	-0.06	0.00	0.00	CO 9
			min V <sub>y</sub>	38.33	<b>-0.01</b>	-1.55	0.27	0.00	0.00	CO 12
			max V <sub>z</sub>	43.89	0.00	<b>-1.52</b>	0.27	0.00	0.00	CO 8
			min V <sub>z</sub>	-9.64	0.01	<b>-1.61</b>	-0.03	0.00	0.00	CO 19
			max M <sub>T</sub>	38.33	-0.01	-1.55	<b>0.27</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-6.69	0.02	-1.59	<b>-0.06</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	-2.51	0.03	-1.57	-0.06	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	43.89	0.00	-1.52	0.27	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	38.33	-0.01	-1.55	0.27	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-6.69	0.02	-1.59	-0.06	0.00	<b>0.00</b>	CO 15
	17	0.000	Max N	<b>43.91</b>	0.00	-0.23	0.27	3.49	0.02	CO 8
	1977	4.156	Min N	<b>-9.64</b>	0.01	-1.61	-0.03	0.00	0.00	CO 19
	1977	4.156	Max V <sub>y</sub>	-2.51	<b>0.03</b>	-1.57	-0.06	0.00	0.00	CO 9
	1977	4.156	Min V <sub>y</sub>	38.33	<b>-0.01</b>	-1.55	0.27	0.00	0.00	CO 12
	17	0.000	Max V <sub>z</sub>	-7.86	0.01	<b>0.00</b>	-0.03	3.35	0.06	CO 21
	1977	4.156	Min V <sub>z</sub>	-9.64	0.01	<b>-1.61</b>	-0.03	0.00	0.00	CO 19
	17	0.000	Max M <sub>T</sub>	38.35	-0.01	-0.24	<b>0.28</b>	3.59	-0.03	CO 12
	17	0.000	Min M <sub>T</sub>	-6.67	0.02	0.00	<b>-0.06</b>	3.33	0.09	CO 15
	17	0.000	Max M <sub>y</sub>	38.35	-0.01	-0.24	0.28	<b>3.59</b>	-0.03	CO 12
	1977	4.156	Min M <sub>y</sub>	43.89	0.00	-1.52	0.27	<b>0.00</b>	0.00	CO 8
	17	0.000	Max M <sub>z</sub>	-2.49	0.03	0.00	-0.06	3.27	<b>0.12</b>	CO 9
	17	0.000	Min M <sub>z</sub>	38.35	-0.01	-0.24	0.28	3.59	<b>-0.03</b>	CO 12
20	17	0.000	max N	<b>-1.14</b>	-0.02	0.00	-0.02	3.23	-0.08	CO 1
			min N	<b>-43.21</b>	-0.01	0.17	-0.14	3.19	-0.04	CO 12
			max V <sub>y</sub>	-36.68	<b>-0.01</b>	0.16	-0.12	3.11	-0.03	CO 8
			min V <sub>y</sub>	-7.48	<b>-0.02</b>	0.01	-0.02	3.32	-0.11	CO 13
			max V <sub>z</sub>	-43.21	-0.01	<b>0.17</b>	-0.14	3.19	-0.04	CO 12
			min V <sub>z</sub>	-6.98	-0.02	<b>0.00</b>	-0.01	3.33	-0.10	CO 16
			max M <sub>T</sub>	-5.42	-0.02	0.00	<b>0.00</b>	3.29	-0.10	CO 15
			min M <sub>T</sub>	-38.89	-0.01	0.17	<b>-0.14</b>	3.13	-0.03	CO 10
			max M <sub>y</sub>	-9.05	-0.02	0.00	-0.03	<b>3.35</b>	-0.10	CO 17
			min M <sub>y</sub>	-36.68	-0.01	0.16	-0.12	<b>3.11</b>	-0.03	CO 8
			max M <sub>z</sub>	-36.68	-0.01	0.16	-0.12	3.11	<b>-0.03</b>	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-9.16	-0.02	0.00	-0.02	3.35	<b>-0.11</b>	CO 19
	1981	4.156	max N	<b>-1.16</b>	-0.02	-1.55	-0.02	0.00	0.00	CO 1
			min N	<b>-43.23</b>	-0.01	-1.64	-0.14	0.00	0.00	CO 12
			max V <sub>y</sub>	-36.70	<b>-0.01</b>	-1.61	-0.12	0.00	0.00	CO 8
			min V <sub>y</sub>	-9.18	<b>-0.03</b>	-1.60	-0.02	0.00	0.00	CO 19
			max V <sub>z</sub>	-1.35	-0.02	<b>-1.55</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-43.23	-0.01	<b>-1.64</b>	-0.14	0.00	0.00	CO 12
			max M <sub>T</sub>	-5.44	-0.02	-1.58	<b>0.00</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	-38.91	-0.01	-1.62	<b>-0.14</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	-38.91	-0.01	-1.62	-0.14	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	-3.23	-0.02	-1.56	-0.04	<b>0.00</b>	0.00	CO 2
			max M <sub>z</sub>	-5.44	-0.02	-1.58	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	-38.91	-0.01	-1.62	-0.14	0.00	<b>0.00</b>	CO 10
	17	0.000	Max N	<b>-1.14</b>	-0.02	0.00	-0.02	3.23	-0.08	CO 1
	1981	4.156	Min N	<b>-43.23</b>	-0.01	-1.64	-0.14	0.00	0.00	CO 12
	17	0.000	Max V <sub>y</sub>	-36.68	<b>-0.01</b>	0.16	-0.12	3.11	-0.03	CO 8
		3.667	Min V <sub>y</sub>	-9.18	<b>-0.03</b>	-1.42	-0.02	0.74	-0.01	CO 19
	17	0.000	Max V <sub>z</sub>	-43.21	-0.01	<b>0.17</b>	-0.14	3.19	-0.04	CO 12
	1981	4.156	Min V <sub>z</sub>	-43.23	-0.01	<b>-1.64</b>	-0.14	0.00	0.00	CO 12
	1981	4.156	Max M <sub>T</sub>	-5.44	-0.02	-1.58	<b>0.00</b>	0.00	0.00	CO 15
	1981	4.156	Min M <sub>T</sub>	-38.91	-0.01	-1.62	<b>-0.14</b>	0.00	0.00	CO 10
	17	0.000	Max M <sub>y</sub>	-9.05	-0.02	0.00	-0.03	<b>3.35</b>	-0.10	CO 17
	1981	4.156	Min M <sub>y</sub>	-3.23	-0.02	-1.56	-0.04	<b>0.00</b>	0.00	CO 2
	1981	4.156	Max M <sub>z</sub>	-5.44	-0.02	-1.58	0.00	0.00	<b>0.00</b>	CO 15
	17	0.000	Min M <sub>z</sub>	-9.16	-0.02	0.00	-0.02	3.35	<b>-0.11</b>	CO 19
21	18	0.000	max N	<b>8.54</b>	0.02	-0.01	-0.04	3.13	0.06	CO 9
			min N	<b>-18.33</b>	0.01	0.00	-0.02	3.53	0.04	CO 17
			max V <sub>y</sub>	-2.31	<b>0.02</b>	0.00	0.00	3.26	0.07	CO 1
			min V <sub>y</sub>	-9.62	<b>-0.02</b>	-0.08	0.27	3.72	-0.09	CO 12
			max V <sub>z</sub>	-2.31	0.02	<b>0.00</b>	0.00	3.26	0.07	CO 1
			min V <sub>z</sub>	2.91	-0.01	<b>-0.08</b>	0.28	3.51	-0.06	CO 8
			max M <sub>T</sub>	2.91	-0.01	-0.08	<b>0.28</b>	3.51	-0.06	CO 8
			min M <sub>T</sub>	-3.92	0.01	-0.01	<b>-0.06</b>	3.33	0.03	CO 13
			max M <sub>y</sub>	-9.62	-0.02	-0.08	0.27	<b>3.72</b>	-0.09	CO 12
			min M <sub>y</sub>	8.54	0.02	-0.01	-0.04	<b>3.13</b>	0.06	CO 9
			max M <sub>z</sub>	-2.31	0.02	0.00	0.00	3.26	<b>0.07</b>	CO 1
			min M <sub>z</sub>	-9.62	-0.02	-0.08	0.27	3.72	<b>-0.09</b>	CO 12
	1963	4.156	max N	<b>8.52</b>	0.02	-1.51	-0.04	0.00	0.00	CO 9
			min N	<b>-18.35</b>	0.01	-1.67	-0.02	0.00	0.00	CO 17
			max V <sub>y</sub>	-2.33	<b>0.02</b>	-1.56	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	-9.64	<b>-0.02</b>	-1.69	0.27	0.00	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	8.52	0.02	<b>-1.51</b>	-0.04	0.00	0.00	CO 9
			min V <sub>z</sub>	-15.23	-0.01	<b>-1.70</b>	0.15	0.00	0.00	CO 18
			max M <sub>T</sub>	2.89	-0.02	-1.61	<b>0.28</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-3.94	0.01	-1.58	<b>-0.06</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-9.64	-0.02	-1.69	0.27	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-2.33	0.02	-1.56	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-9.64	-0.02	-1.69	0.27	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-3.94	0.01	-1.58	-0.06	0.00	<b>0.00</b>	CO 13
	18	0.000	Max N	<b>8.54</b>	0.02	-0.01	-0.04	3.13	0.06	CO 9
	1963	4.156	Min N	<b>-18.35</b>	0.01	-1.67	-0.02	0.00	0.00	CO 17
	1963	4.156	Max V <sub>y</sub>	-2.33	<b>0.02</b>	-1.56	0.00	0.00	0.00	CO 1
	1963	4.156	Min V <sub>y</sub>	-9.64	<b>-0.02</b>	-1.69	0.27	0.00	0.00	CO 12
	18	0.000	Max V <sub>z</sub>	-2.31	0.02	<b>0.00</b>	0.00	3.26	0.07	CO 1
	1963	4.156	Min V <sub>z</sub>	-15.23	-0.01	<b>-1.70</b>	0.15	0.00	0.00	CO 18
	1963	4.156	Max M <sub>T</sub>	2.89	-0.02	-1.61	<b>0.28</b>	0.00	0.00	CO 8
	1963	4.156	Min M <sub>T</sub>	-3.94	0.01	-1.58	<b>-0.06</b>	0.00	0.00	CO 13
	18	0.000	Max M <sub>y</sub>	-9.62	-0.02	-0.08	0.27	<b>3.72</b>	-0.09	CO 12
	1963	4.156	Min M <sub>y</sub>	-2.33	0.02	-1.56	0.00	<b>0.00</b>	0.00	CO 1
	18	0.000	Max M <sub>z</sub>	-2.31	0.02	0.00	0.00	3.26	<b>0.07</b>	CO 1
	18	0.000	Min M <sub>z</sub>	-9.62	-0.02	-0.08	0.27	3.72	<b>-0.09</b>	CO 12
22	18	0.000	max N	<b>7.88</b>	-0.03	0.01	-0.04	3.05	-0.11	CO 9
			min N	<b>-18.33</b>	-0.01	0.00	0.00	3.52	-0.03	CO 17
			max V <sub>y</sub>	-11.75	<b>0.02</b>	-0.07	-0.32	3.70	0.09	CO 12
			min V <sub>y</sub>	7.88	<b>-0.03</b>	0.01	-0.04	3.05	-0.11	CO 9
			max V <sub>z</sub>	-0.29	-0.02	<b>0.01</b>	-0.04	3.17	-0.09	CO 15
			min V <sub>z</sub>	0.75	0.01	<b>-0.07</b>	-0.32	3.50	0.06	CO 8
			max M <sub>T</sub>	-14.03	-0.01	0.00	<b>0.00</b>	3.44	-0.04	CO 16
			min M <sub>T</sub>	-11.75	0.02	-0.07	<b>-0.32</b>	3.70	0.09	CO 12
			max M <sub>y</sub>	-11.75	0.02	-0.07	-0.32	<b>3.70</b>	0.09	CO 12
			min M <sub>y</sub>	7.88	-0.03	0.01	-0.04	<b>3.05</b>	-0.11	CO 9
			max M <sub>z</sub>	-11.75	0.02	-0.07	-0.32	3.70	<b>0.09</b>	CO 12
			min M <sub>z</sub>	7.88	-0.03	0.01	-0.04	3.05	<b>-0.11</b>	CO 9
	1967	4.156	max N	<b>7.86</b>	-0.03	-1.49	-0.04	0.00	0.00	CO 9
			min N	<b>-18.35</b>	-0.01	-1.67	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-11.77	<b>0.03</b>	-1.69	-0.32	0.00	0.00	CO 12
			min V <sub>y</sub>	7.86	<b>-0.03</b>	-1.49	-0.04	0.00	0.00	CO 9
			max V <sub>z</sub>	7.86	-0.03	<b>-1.49</b>	-0.04	0.00	0.00	CO 9
			min V <sub>z</sub>	-16.50	0.01	<b>-1.70</b>	-0.19	0.00	0.00	CO 18
			max M <sub>T</sub>	-14.05	-0.01	-1.64	<b>0.00</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	-11.77	0.03	-1.69	<b>-0.32</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-14.05	-0.01	-1.64	0.00	<b>0.00</b>	0.00	CO 16



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	0.73	0.02	-1.62	-0.32	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-14.05	-0.01	-1.64	0.00	0.00	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-11.77	0.03	-1.69	-0.32	0.00	<b>0.00</b>	CO 12
	18	0.000	Max N	<b>7.88</b>	-0.03	0.01	-0.04	3.05	-0.11	CO 9
	1967	4.156	Min N	<b>-18.35</b>	-0.01	-1.67	0.00	0.00	0.00	CO 17
	1967	4.156	Max V <sub>y</sub>	-11.77	<b>0.03</b>	-1.69	-0.32	0.00	0.00	CO 12
	18	0.000	Min V <sub>y</sub>	7.88	<b>-0.03</b>	0.01	-0.04	3.05	-0.11	CO 9
	18	0.000	Max V <sub>z</sub>	-0.29	-0.02	<b>0.01</b>	-0.04	3.17	-0.09	CO 15
	1967	4.156	Min V <sub>z</sub>	-16.50	0.01	<b>-1.70</b>	-0.19	0.00	0.00	CO 18
	1967	4.156	Max M <sub>T</sub>	-14.05	-0.01	-1.64	<b>0.00</b>	0.00	0.00	CO 16
	18	0.000	Min M <sub>T</sub>	-11.75	0.02	-0.07	<b>-0.32</b>	3.70	0.09	CO 12
	18	0.000	Max M <sub>y</sub>	-11.75	0.02	-0.07	-0.32	<b>3.70</b>	0.09	CO 12
	1967	4.156	Min M <sub>y</sub>	0.73	0.02	-1.62	-0.32	<b>0.00</b>	0.00	CO 8
	18	0.000	Max M <sub>z</sub>	-11.75	0.02	-0.07	-0.32	3.70	<b>0.09</b>	CO 12
	18	0.000	Min M <sub>z</sub>	7.88	-0.03	0.01	-0.04	3.05	<b>-0.11</b>	CO 9
23	20	0.000	max N	<b>3.56</b>	0.02	-0.01	-0.04	3.21	0.08	CO 9
			min N	<b>-18.41</b>	-0.01	-0.02	0.10	3.63	-0.04	CO 18
			max V <sub>y</sub>	3.56	<b>0.02</b>	-0.01	-0.04	3.21	0.08	CO 9
			min V <sub>y</sub>	-15.99	<b>-0.02</b>	-0.04	0.19	3.65	-0.08	CO 12
			max V <sub>z</sub>	-2.15	0.02	<b>0.00</b>	0.00	3.25	0.07	CO 1
			min V <sub>z</sub>	-4.18	-0.01	<b>-0.04</b>	0.20	3.46	-0.05	CO 8
			max M <sub>T</sub>	-4.18	-0.01	-0.04	<b>0.20</b>	3.46	-0.05	CO 8
			min M <sub>T</sub>	-8.12	0.01	-0.01	<b>-0.06</b>	3.40	0.05	CO 13
			max M <sub>y</sub>	-15.99	-0.02	-0.04	0.19	<b>3.65</b>	-0.08	CO 12
			min M <sub>y</sub>	3.56	0.02	-0.01	-0.04	<b>3.21</b>	0.08	CO 9
			max M <sub>z</sub>	3.56	0.02	-0.01	-0.04	3.21	<b>0.08</b>	CO 9
			min M <sub>z</sub>	-15.99	-0.02	-0.04	0.19	3.65	<b>-0.08</b>	CO 12
	1960	4.156	max N	<b>3.54</b>	0.02	-1.54	-0.04	0.00	0.00	CO 9
			min N	<b>-18.43</b>	-0.01	-1.69	0.10	0.00	0.00	CO 18
			max V <sub>y</sub>	3.54	<b>0.02</b>	-1.54	-0.04	0.00	0.00	CO 9
			min V <sub>y</sub>	-16.01	<b>-0.02</b>	-1.69	0.19	0.00	0.00	CO 12
			max V <sub>z</sub>	3.54	0.02	<b>-1.54</b>	-0.04	0.00	0.00	CO 9
			min V <sub>z</sub>	-18.43	-0.01	<b>-1.69</b>	0.10	0.00	0.00	CO 18
			max M <sub>T</sub>	-4.20	-0.01	-1.62	<b>0.20</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-8.14	0.01	-1.61	<b>-0.06</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-16.01	-0.02	-1.69	0.19	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-2.17	0.02	-1.56	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-4.20	-0.01	-1.62	0.20	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-8.14	0.01	-1.61	-0.06	0.00	<b>0.00</b>	CO 13
	20	0.000	Max N	<b>3.56</b>	0.02	-0.01	-0.04	3.21	0.08	CO 9
	1960	4.156	Min N	<b>-18.43</b>	-0.01	-1.69	0.10	0.00	0.00	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1960	4.156	Max V <sub>y</sub>	3.54	<b>0.02</b>	-1.54	-0.04	0.00	0.00	CO 9
	1960	4.156	Min V <sub>y</sub>	-16.01	<b>-0.02</b>	-1.69	0.19	0.00	0.00	CO 12
	20	0.000	Max V <sub>z</sub>	-2.15	0.02	<b>0.00</b>	0.00	3.25	0.07	CO 1
	1960	4.156	Min V <sub>z</sub>	-18.43	-0.01	<b>-1.69</b>	0.10	0.00	0.00	CO 18
	1960	4.156	Max M <sub>T</sub>	-4.20	-0.01	-1.62	<b>0.20</b>	0.00	0.00	CO 8
	1960	4.156	Min M <sub>T</sub>	-8.14	0.01	-1.61	<b>-0.06</b>	0.00	0.00	CO 13
	20	0.000	Max M <sub>y</sub>	-15.99	-0.02	-0.04	0.19	<b>3.65</b>	-0.08	CO 12
	1960	4.156	Min M <sub>y</sub>	-2.17	0.02	-1.56	0.00	<b>0.00</b>	0.00	CO 1
	20	0.000	Max M <sub>z</sub>	3.56	0.02	-0.01	-0.04	3.21	<b>0.08</b>	CO 9
	20	0.000	Min M <sub>z</sub>	-15.99	-0.02	-0.04	0.19	3.65	<b>-0.08</b>	CO 12
24	20	0.000	max N	<b>8.09</b>	0.01	-0.10	-0.34	3.49	0.05	CO 8
			min N	<b>-16.94</b>	-0.01	0.00	0.01	3.50	-0.04	CO 17
			max V <sub>y</sub>	-3.38	<b>0.02</b>	-0.10	-0.34	3.68	0.08	CO 12
			min V <sub>y</sub>	-2.10	<b>-0.02</b>	0.00	0.00	3.25	-0.07	CO 1
			max V <sub>z</sub>	-4.72	-0.01	<b>0.01</b>	-0.04	3.23	-0.05	CO 15
			min V <sub>z</sub>	8.09	0.01	<b>-0.10</b>	-0.34	3.49	0.05	CO 8
			max M <sub>T</sub>	-16.94	-0.01	0.00	<b>0.01</b>	3.50	-0.04	CO 17
			min M <sub>T</sub>	4.14	0.02	-0.10	<b>-0.34</b>	3.55	0.07	CO 10
			max M <sub>y</sub>	-3.38	0.02	-0.10	-0.34	<b>3.68</b>	0.08	CO 12
			min M <sub>y</sub>	2.89	-0.02	0.01	-0.05	<b>3.12</b>	-0.07	CO 9
			max M <sub>z</sub>	-3.38	0.02	-0.10	-0.34	3.68	<b>0.08</b>	CO 12
			min M <sub>z</sub>	-2.10	-0.02	0.00	0.00	3.25	<b>-0.07</b>	CO 1
	1963	4.156	max N	<b>8.07</b>	0.02	-1.60	-0.34	0.00	0.00	CO 8
			min N	<b>-16.96</b>	-0.01	-1.66	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-3.40	<b>0.02</b>	-1.67	-0.34	0.00	0.00	CO 12
			min V <sub>y</sub>	-2.12	<b>-0.02</b>	-1.56	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	2.86	-0.02	<b>-1.52</b>	-0.05	0.00	0.00	CO 9
			min V <sub>z</sub>	-10.75	0.01	<b>-1.68</b>	-0.20	0.00	0.00	CO 18
			max M <sub>T</sub>	-16.96	-0.01	-1.66	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	4.12	0.02	-1.62	<b>-0.34</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	-12.98	-0.01	-1.63	0.01	<b>0.00</b>	0.00	CO 16
			min M <sub>y</sub>	8.07	0.02	-1.60	-0.34	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-16.96	-0.01	-1.66	0.01	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-3.40	0.02	-1.67	-0.34	0.00	<b>0.00</b>	CO 12
	20	0.000	Max N	<b>8.09</b>	0.01	-0.10	-0.34	3.49	0.05	CO 8
	1963	4.156	Min N	<b>-16.96</b>	-0.01	-1.66	0.01	0.00	0.00	CO 17
	1963	4.156	Max V <sub>y</sub>	-3.40	<b>0.02</b>	-1.67	-0.34	0.00	0.00	CO 12
	1963	4.156	Min V <sub>y</sub>	-2.12	<b>-0.02</b>	-1.56	0.00	0.00	0.00	CO 1
	20	0.000	Max V <sub>z</sub>	-4.72	-0.01	<b>0.01</b>	-0.04	3.23	-0.05	CO 15
	1963	4.156	Min V <sub>z</sub>	-10.75	0.01	<b>-1.68</b>	-0.20	0.00	0.00	CO 18
	1963	4.156	Max M <sub>T</sub>	-16.96	-0.01	-1.66	<b>0.01</b>	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	20	0.000	Min M <sub>T</sub>	4.14	0.02	-0.10	<b>-0.34</b>	3.55	0.07	CO 10
	20	0.000	Max M <sub>y</sub>	-3.38	0.02	-0.10	-0.34	<b>3.68</b>	0.08	CO 12
	1963	4.156	Min M <sub>y</sub>	8.07	0.02	-1.60	-0.34	<b>0.00</b>	0.00	CO 8
	20	0.000	Max M <sub>z</sub>	-3.38	0.02	-0.10	-0.34	3.68	<b>0.08</b>	CO 12
	20	0.000	Min M <sub>z</sub>	-2.10	-0.02	0.00	0.00	3.25	<b>-0.07</b>	CO 1
25	7	0.000	max N	<b>4.36</b>	0.02	-0.01	-0.04	3.20	0.07	CO 9
			min N	<b>-28.47</b>	-0.01	0.03	0.08	3.56	-0.07	CO 12
			max V <sub>y</sub>	4.36	<b>0.02</b>	-0.01	-0.04	3.20	0.07	CO 9
			min V <sub>y</sub>	-28.47	<b>-0.01</b>	0.03	0.08	3.56	-0.07	CO 12
			max V <sub>z</sub>	-28.47	-0.01	<b>0.03</b>	0.08	3.56	-0.07	CO 12
			min V <sub>z</sub>	-8.42	0.01	<b>-0.01</b>	-0.06	3.40	0.03	CO 13
			max M <sub>T</sub>	-15.46	-0.01	0.03	<b>0.10</b>	3.36	-0.03	CO 8
			min M <sub>T</sub>	-8.42	0.01	-0.01	<b>-0.06</b>	3.40	0.03	CO 13
			max M <sub>y</sub>	-26.77	-0.01	0.02	0.04	<b>3.59</b>	-0.03	CO 18
			min M <sub>y</sub>	4.36	0.02	-0.01	-0.04	<b>3.20</b>	0.07	CO 9
			max M <sub>z</sub>	-2.46	0.02	0.00	0.00	3.26	<b>0.07</b>	CO 1
			min M <sub>z</sub>	-28.47	-0.01	0.03	0.08	3.56	<b>-0.07</b>	CO 12
	1957	4.156	max N	<b>4.34</b>	0.02	-1.54	-0.04	0.00	0.00	CO 9
			min N	<b>-28.49</b>	-0.02	-1.70	0.08	0.00	0.00	CO 12
			max V <sub>y</sub>	-2.48	<b>0.02</b>	-1.56	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	-28.49	<b>-0.02</b>	-1.70	0.08	0.00	0.00	CO 12
			max V <sub>z</sub>	4.34	0.02	<b>-1.54</b>	-0.04	0.00	0.00	CO 9
			min V <sub>z</sub>	-26.79	-0.01	<b>-1.70</b>	0.04	0.00	0.00	CO 18
			max M <sub>T</sub>	-15.48	-0.01	-1.62	<b>0.10</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-8.44	0.01	-1.61	<b>-0.06</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-15.48	-0.01	-1.62	0.10	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-2.48	0.02	-1.56	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-15.48	-0.01	-1.62	0.10	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-8.44	0.01	-1.61	-0.06	0.00	<b>0.00</b>	CO 13
	7	0.000	Max N	<b>4.36</b>	0.02	-0.01	-0.04	3.20	0.07	CO 9
	1957	4.156	Min N	<b>-28.49</b>	-0.02	-1.70	0.08	0.00	0.00	CO 12
	1957	4.156	Max V <sub>y</sub>	-2.48	<b>0.02</b>	-1.56	0.00	0.00	0.00	CO 1
	1957	4.156	Min V <sub>y</sub>	-28.49	<b>-0.02</b>	-1.70	0.08	0.00	0.00	CO 12
	7	0.000	Max V <sub>z</sub>	-28.47	-0.01	<b>0.03</b>	0.08	3.56	-0.07	CO 12
	1957	4.156	Min V <sub>z</sub>	-26.79	-0.01	<b>-1.70</b>	0.04	0.00	0.00	CO 18
	1957	4.156	Max M <sub>T</sub>	-15.48	-0.01	-1.62	<b>0.10</b>	0.00	0.00	CO 8
	1957	4.156	Min M <sub>T</sub>	-8.44	0.01	-1.61	<b>-0.06</b>	0.00	0.00	CO 13
	7	0.000	Max M <sub>y</sub>	-26.77	-0.01	0.02	0.04	<b>3.59</b>	-0.03	CO 18
	1957	4.156	Min M <sub>y</sub>	-2.48	0.02	-1.56	0.00	<b>0.00</b>	0.00	CO 1
	7	0.000	Max M <sub>z</sub>	-2.46	0.02	0.00	0.00	3.26	<b>0.07</b>	CO 1
	7	0.000	Min M <sub>z</sub>	-28.47	-0.01	0.03	0.08	3.56	<b>-0.07</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
26	7	0.000	max N	<b>19.08</b>	0.01	-0.13	-0.31	3.46	0.03	CO 8
			min N	<b>-18.42</b>	-0.01	0.00	0.00	3.52	-0.04	CO 17
			max V <sub>y</sub>	6.72	<b>0.01</b>	-0.13	-0.31	3.66	0.06	CO 12
			min V <sub>y</sub>	-2.32	<b>-0.02</b>	0.00	0.00	3.26	-0.07	CO 1
			max V <sub>z</sub>	-4.70	-0.01	<b>0.01</b>	-0.05	3.23	-0.06	CO 15
			min V <sub>z</sub>	6.72	0.01	<b>-0.13</b>	-0.31	3.66	0.06	CO 12
			max M <sub>T</sub>	-14.10	-0.01	0.00	<b>0.00</b>	3.45	-0.05	CO 16
			min M <sub>T</sub>	14.82	0.01	-0.13	<b>-0.32</b>	3.53	0.04	CO 10
			max M <sub>y</sub>	6.72	0.01	-0.13	-0.31	<b>3.66</b>	0.06	CO 12
			min M <sub>y</sub>	3.54	-0.02	0.01	-0.05	<b>3.11</b>	-0.07	CO 9
			max M <sub>z</sub>	6.72	0.01	-0.13	-0.31	3.66	<b>0.06</b>	CO 12
			min M <sub>z</sub>	-2.32	-0.02	0.00	0.00	3.26	<b>-0.07</b>	CO 1
	1960	4.156	max N	<b>19.06</b>	0.01	-1.56	-0.31	0.00	0.00	CO 8
			min N	<b>-18.44</b>	-0.01	-1.67	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	6.70	<b>0.02</b>	-1.64	-0.31	0.00	0.00	CO 12
			min V <sub>y</sub>	-2.34	<b>-0.02</b>	-1.56	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	3.52	-0.02	<b>-1.52</b>	-0.05	0.00	0.00	CO 9
			min V <sub>z</sub>	-18.44	-0.01	<b>-1.67</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-14.12	-0.01	-1.64	<b>0.00</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	14.80	0.01	-1.59	<b>-0.31</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	-14.12	-0.01	-1.64	0.00	<b>0.00</b>	0.00	CO 16
			min M <sub>y</sub>	19.06	0.01	-1.56	-0.31	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-14.12	-0.01	-1.64	0.00	0.00	<b>0.00</b>	CO 16
			min M <sub>z</sub>	6.70	0.02	-1.64	-0.31	0.00	<b>0.00</b>	CO 12
	7	0.000	Max N	<b>19.08</b>	0.01	-0.13	-0.31	3.46	0.03	CO 8
	1960	4.156	Min N	<b>-18.44</b>	-0.01	-1.67	0.00	0.00	0.00	CO 17
	1960	4.156	Max V <sub>y</sub>	6.70	<b>0.02</b>	-1.64	-0.31	0.00	0.00	CO 12
		3.911	Min V <sub>y</sub>	-2.34	<b>-0.02</b>	-1.47	0.00	0.37	0.00	CO 1
	7	0.000	Max V <sub>z</sub>	-4.70	-0.01	<b>0.01</b>	-0.05	3.23	-0.06	CO 15
	1960	4.156	Min V <sub>z</sub>	-18.44	-0.01	<b>-1.67</b>	0.00	0.00	0.00	CO 17
	1960	4.156	Max M <sub>T</sub>	-14.12	-0.01	-1.64	<b>0.00</b>	0.00	0.00	CO 16
	7	0.000	Min M <sub>T</sub>	14.82	0.01	-0.13	<b>-0.32</b>	3.53	0.04	CO 10
	7	0.000	Max M <sub>y</sub>	6.72	0.01	-0.13	-0.31	<b>3.66</b>	0.06	CO 12
	1960	4.156	Min M <sub>y</sub>	19.06	0.01	-1.56	-0.31	<b>0.00</b>	0.00	CO 8
	7	0.000	Max M <sub>z</sub>	6.72	0.01	-0.13	-0.31	3.66	<b>0.06</b>	CO 12
	7	0.000	Min M <sub>z</sub>	-2.32	-0.02	0.00	0.00	3.26	<b>-0.07</b>	CO 1
27	13	0.000	max N	<b>5.16</b>	0.02	-0.01	-0.01	3.18	0.07	CO 9
			min N	<b>-38.04</b>	0.01	0.15	0.12	3.20	0.05	CO 12
			max V <sub>y</sub>	-9.09	<b>0.02</b>	0.00	0.02	3.35	0.10	CO 17
			min V <sub>y</sub>	-31.57	<b>0.01</b>	0.14	0.11	3.12	0.03	CO 8
			max V <sub>z</sub>	-38.04	0.01	<b>0.15</b>	0.12	3.20	0.05	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	1.06	0.02	<b>-0.01</b>	-0.02	3.25	0.08	CO 15
			max M <sub>T</sub>	-33.75	0.01	0.14	<b>0.13</b>	3.14	0.04	CO 10
			min M <sub>T</sub>	1.06	0.02	-0.01	<b>-0.02</b>	3.25	0.08	CO 15
			max M <sub>y</sub>	-9.09	0.02	0.00	0.02	<b>3.35</b>	0.10	CO 17
			min M <sub>y</sub>	-31.57	0.01	0.14	0.11	<b>3.12</b>	0.03	CO 8
			max M <sub>z</sub>	-9.09	0.02	0.00	0.02	3.35	<b>0.10</b>	CO 17
			min M <sub>z</sub>	-31.57	0.01	0.14	0.11	3.12	<b>0.03</b>	CO 8
	1955	4.156	max N	<b>5.14</b>	0.02	-1.53	-0.01	0.00	0.00	CO 9
			min N	<b>-38.06</b>	0.01	-1.63	0.13	0.00	0.00	CO 12
			max V <sub>y</sub>	-9.11	<b>0.02</b>	-1.60	0.02	0.00	0.00	CO 17
			min V <sub>y</sub>	-31.59	<b>0.01</b>	-1.60	0.11	0.00	0.00	CO 8
			max V <sub>z</sub>	5.14	0.02	<b>-1.53</b>	-0.01	0.00	0.00	CO 9
			min V <sub>z</sub>	-38.06	0.01	<b>-1.63</b>	0.13	0.00	0.00	CO 12
			max M <sub>T</sub>	-33.78	0.01	-1.61	<b>0.14</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	1.04	0.02	-1.55	<b>-0.02</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	-33.78	0.01	-1.61	0.14	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	-3.25	0.02	-1.56	0.04	<b>0.00</b>	0.00	CO 2
			max M <sub>z</sub>	-33.78	0.01	-1.61	0.14	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	1.04	0.02	-1.55	-0.02	0.00	<b>0.00</b>	CO 15
	13	0.000	Max N	<b>5.16</b>	0.02	-0.01	-0.01	3.18	0.07	CO 9
	1955	4.156	Min N	<b>-38.06</b>	0.01	-1.63	0.13	0.00	0.00	CO 12
		3.667	Max V <sub>y</sub>	-9.10	<b>0.02</b>	-1.42	0.02	0.74	0.01	CO 17
	13	0.000	Min V <sub>y</sub>	-31.57	<b>0.01</b>	0.14	0.11	3.12	0.03	CO 8
	13	0.000	Max V <sub>z</sub>	-38.04	0.01	<b>0.15</b>	0.12	3.20	0.05	CO 12
	1955	4.156	Min V <sub>z</sub>	-38.06	0.01	<b>-1.63</b>	0.13	0.00	0.00	CO 12
	1955	4.156	Max M <sub>T</sub>	-33.78	0.01	-1.61	<b>0.14</b>	0.00	0.00	CO 10
	1955	4.156	Min M <sub>T</sub>	1.04	0.02	-1.55	<b>-0.02</b>	0.00	0.00	CO 15
	13	0.000	Max M <sub>y</sub>	-9.09	0.02	0.00	0.02	<b>3.35</b>	0.10	CO 17
	1955	4.156	Min M <sub>y</sub>	-3.25	0.02	-1.56	0.04	<b>0.00</b>	0.00	CO 2
	13	0.000	Max M <sub>z</sub>	-9.09	0.02	0.00	0.02	3.35	<b>0.10</b>	CO 17
	1955	4.156	Min M <sub>z</sub>	1.04	0.02	-1.55	-0.02	0.00	<b>0.00</b>	CO 15
28	13	0.000	max N	<b>38.74</b>	-0.01	-0.20	-0.26	3.45	-0.02	CO 8
			min N	<b>-8.85</b>	0.00	0.00	-0.01	3.37	-0.01	CO 17
			max V <sub>y</sub>	33.05	<b>0.01</b>	-0.21	-0.27	3.56	0.03	CO 12
			min V <sub>y</sub>	-1.06	<b>-0.02</b>	0.00	0.00	3.24	-0.07	CO 1
			max V <sub>z</sub>	-0.32	-0.01	<b>0.01</b>	-0.06	3.17	-0.04	CO 15
			min V <sub>z</sub>	33.05	0.01	<b>-0.21</b>	-0.27	3.56	0.03	CO 12
			max M <sub>T</sub>	-1.06	-0.02	0.00	<b>0.00</b>	3.24	-0.07	CO 1
			min M <sub>T</sub>	33.05	0.01	-0.21	<b>-0.27</b>	3.56	0.03	CO 12
			max M <sub>y</sub>	33.05	0.01	-0.21	-0.27	<b>3.56</b>	0.03	CO 12
			min M <sub>y</sub>	3.86	-0.02	0.01	-0.06	<b>3.11</b>	-0.07	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	33.05	0.01	-0.21	-0.27	3.56	<b>0.03</b>	CO 12
			min M <sub>z</sub>	-1.06	-0.02	0.00	0.00	3.24	<b>-0.07</b>	CO 1
	1957	4.156	max N	<b>38.72</b>	0.00	-1.52	-0.26	0.00	0.00	CO 8
			min N	<b>-8.87</b>	0.00	-1.61	-0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	33.03	<b>0.01</b>	-1.56	-0.26	0.00	0.00	CO 12
			min V <sub>y</sub>	-1.08	<b>-0.02</b>	-1.56	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	3.84	-0.02	<b>-1.52</b>	-0.06	0.00	0.00	CO 9
			min V <sub>z</sub>	-8.87	0.00	<b>-1.61</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-1.08	-0.02	-1.56	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	33.03	0.01	-1.56	<b>-0.26</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-7.05	-0.01	-1.59	-0.01	<b>0.00</b>	0.00	CO 16
			min M <sub>y</sub>	37.02	0.00	-1.53	-0.26	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	-1.08	-0.02	-1.56	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	33.03	0.01	-1.56	-0.26	0.00	<b>0.00</b>	CO 12
	13	0.000	Max N	<b>38.74</b>	-0.01	-0.20	-0.26	3.45	-0.02	CO 8
	1957	4.156	Min N	<b>-8.87</b>	0.00	-1.61	-0.01	0.00	0.00	CO 17
	1957	4.156	Max V <sub>y</sub>	33.03	<b>0.01</b>	-1.56	-0.26	0.00	0.00	CO 12
		3.423	Min V <sub>y</sub>	-1.08	<b>-0.02</b>	-1.28	0.00	1.04	-0.01	CO 1
	13	0.000	Max V <sub>z</sub>	-0.32	-0.01	<b>0.01</b>	-0.06	3.17	-0.04	CO 15
	1957	4.156	Min V <sub>z</sub>	-8.87	0.00	<b>-1.61</b>	-0.01	0.00	0.00	CO 17
	1957	4.156	Max M <sub>T</sub>	-1.08	-0.02	-1.56	<b>0.00</b>	0.00	0.00	CO 1
	13	0.000	Min M <sub>T</sub>	33.05	0.01	-0.21	<b>-0.27</b>	3.56	0.03	CO 12
	13	0.000	Max M <sub>y</sub>	33.05	0.01	-0.21	-0.27	<b>3.56</b>	0.03	CO 12
	1957	4.156	Min M <sub>y</sub>	37.02	0.00	-1.53	-0.26	<b>0.00</b>	0.00	CO 10
	13	0.000	Max M <sub>z</sub>	33.05	0.01	-0.21	-0.27	3.56	<b>0.03</b>	CO 12
	13	0.000	Min M <sub>z</sub>	-1.06	-0.02	0.00	0.00	3.24	<b>-0.07</b>	CO 1
89	448	0.000	max N	<b>148.49</b>	0.00	0.29	0.00	0.83	0.00	CO 17
			min N	<b>20.62</b>	-0.01	0.03	0.02	0.31	-0.02	CO 8
			max V <sub>y</sub>	66.01	<b>0.00</b>	0.28	0.00	0.31	0.00	CO 2
			min V <sub>y</sub>	20.62	<b>-0.01</b>	0.03	0.02	0.31	-0.02	CO 8
			max V <sub>z</sub>	118.07	-0.01	<b>0.41</b>	0.01	0.47	-0.01	CO 13
			min V <sub>z</sub>	20.62	-0.01	<b>0.03</b>	0.02	0.31	-0.02	CO 8
			max M <sub>T</sub>	116.75	-0.01	0.10	<b>0.02</b>	0.87	-0.01	CO 12
			min M <sub>T</sub>	27.51	0.00	0.23	<b>0.00</b>	0.11	0.00	CO 1
			max M <sub>y</sub>	144.29	-0.01	0.17	0.02	<b>0.95</b>	-0.01	CO 18
			min M <sub>y</sub>	21.88	-0.01	0.33	0.01	<b>-0.09</b>	-0.01	CO 9
			max M <sub>z</sub>	66.01	0.00	0.28	0.00	0.31	<b>0.00</b>	CO 2
			min M <sub>z</sub>	78.26	-0.01	0.07	0.02	0.66	<b>-0.02</b>	CO 14
		1.817	max N	<b>148.50</b>	0.00	0.13	0.00	1.20	0.00	CO 17
			min N	<b>20.64</b>	-0.01	-0.39	0.02	-0.01	0.01	CO 8
			max V <sub>y</sub>	66.02	<b>0.00</b>	-0.10	0.00	0.47	0.00	CO 2

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	20.64	<b>-0.01</b>	-0.39	0.02	-0.01	0.01	CO 8
			max V <sub>z</sub>	145.09	0.00	<b>0.18</b>	0.01	1.18	0.00	CO 19
			min V <sub>z</sub>	20.64	-0.01	<b>-0.39</b>	0.02	-0.01	0.01	CO 8
			max M <sub>T</sub>	116.77	-0.01	-0.15	<b>0.02</b>	0.82	0.01	CO 12
			min M <sub>T</sub>	27.53	0.00	-0.19	<b>0.00</b>	0.14	0.00	CO 1
			max M <sub>y</sub>	148.50	0.00	0.13	0.00	<b>1.20</b>	0.00	CO 17
			min M <sub>y</sub>	20.64	-0.01	-0.39	0.02	<b>-0.01</b>	0.01	CO 8
			max M <sub>z</sub>	59.09	-0.01	-0.30	0.02	0.31	<b>0.01</b>	CO 10
			min M <sub>z</sub>	27.53	0.00	-0.19	0.00	0.14	<b>0.00</b>	CO 1
			max N	<b>135.22</b>	0.00	-0.09	0.00	1.21	0.01	CO 17
			min N	<b>17.11</b>	0.00	0.15	0.01	0.11	0.00	CO 9
			max V <sub>y</sub>	107.01	<b>0.03</b>	-0.28	0.03	1.01	0.06	CO 12
			min V <sub>y</sub>	71.26	<b>0.00</b>	0.06	0.01	0.60	0.01	CO 15
			max V <sub>z</sub>	23.06	0.00	<b>0.17</b>	0.00	0.16	0.00	CO 1
			min V <sub>z</sub>	107.01	0.03	<b>-0.28</b>	0.03	1.01	0.06	CO 12
			max M <sub>T</sub>	107.01	0.03	-0.28	<b>0.03</b>	1.01	0.06	CO 12
			min M <sub>T</sub>	23.06	0.00	0.17	<b>0.00</b>	0.16	0.00	CO 1
			max M <sub>y</sub>	132.23	0.02	-0.24	0.02	<b>1.22</b>	0.04	CO 18
			min M <sub>y</sub>	17.11	0.00	0.15	0.01	<b>0.11</b>	0.00	CO 9
			max M <sub>z</sub>	107.01	0.03	-0.28	0.03	1.01	<b>0.06</b>	CO 12
			min M <sub>z</sub>	23.06	0.00	0.17	0.00	0.16	<b>0.00</b>	CO 1
	445	3.635	max N	<b>135.23</b>	0.00	-0.26	0.00	0.90	0.01	CO 17
			min N	<b>17.12</b>	0.00	-0.28	0.01	-0.01	0.00	CO 9
			max V <sub>y</sub>	18.15	<b>0.02</b>	-0.53	0.03	-0.38	0.01	CO 8
			min V <sub>y</sub>	131.62	<b>0.00</b>	-0.29	0.01	0.84	0.01	CO 19
			max V <sub>z</sub>	23.07	0.00	<b>-0.25</b>	0.00	0.09	0.00	CO 1
			min V <sub>z</sub>	107.03	0.02	<b>-0.58</b>	0.03	0.25	0.02	CO 12
			max M <sub>T</sub>	107.03	0.02	-0.58	<b>0.03</b>	0.25	0.02	CO 12
			min M <sub>T</sub>	23.07	0.00	-0.25	<b>0.00</b>	0.09	0.00	CO 1
			max M <sub>y</sub>	135.23	0.00	-0.26	0.00	<b>0.90</b>	0.01	CO 17
			min M <sub>y</sub>	18.15	0.02	-0.53	0.03	<b>-0.38</b>	0.01	CO 8
			max M <sub>z</sub>	107.03	0.02	-0.58	0.03	0.25	<b>0.02</b>	CO 12
			min M <sub>z</sub>	23.07	0.00	-0.25	0.00	0.09	<b>0.00</b>	CO 1
		1.817	Max N	<b>148.50</b>	0.00	0.13	0.00	1.20	0.00	CO 17
		1.817	Min N	<b>17.11</b>	0.00	0.15	0.01	0.11	0.00	CO 9
		1.817	Max V <sub>y</sub>	107.01	<b>0.03</b>	-0.28	0.03	1.01	0.06	CO 12
	448	0.000	Min V <sub>y</sub>	20.62	<b>-0.01</b>	0.03	0.02	0.31	-0.02	CO 8
	448	0.000	Max V <sub>z</sub>	118.07	-0.01	<b>0.41</b>	0.01	0.47	-0.01	CO 13
	445	3.635	Min V <sub>z</sub>	107.03	0.02	<b>-0.58</b>	0.03	0.25	0.02	CO 12
		1.817	Max M <sub>T</sub>	107.01	0.03	-0.28	<b>0.03</b>	1.01	0.06	CO 12
		1.817	Min M <sub>T</sub>	27.53	0.00	-0.19	<b>0.00</b>	0.14	0.00	CO 1



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.817	Max M <sub>y</sub>	132.23	0.02	-0.24	0.02	<b>1.22</b>	0.04	CO 18
	445	3.635	Min M <sub>y</sub>	18.15	0.02	-0.53	0.03	<b>-0.38</b>	0.01	CO 8
		1.817	Max M <sub>z</sub>	107.01	0.03	-0.28	0.03	1.01	<b>0.06</b>	CO 12
	448	0.000	Min M <sub>z</sub>	78.26	-0.01	0.07	0.02	0.66	<b>-0.02</b>	CO 14
90	450	0.000	max N	<b>104.79</b>	0.00	0.16	0.00	0.71	-0.01	CO 17
			min N	<b>5.83</b>	-0.03	-0.06	-0.04	0.39	-0.05	CO 8
			max V <sub>y</sub>	79.16	<b>0.00</b>	0.18	0.00	0.52	-0.01	CO 13
			min V <sub>y</sub>	77.92	<b>-0.03</b>	-0.09	-0.04	0.91	-0.05	CO 12
			max V <sub>z</sub>	13.68	0.00	<b>0.20</b>	0.00	0.06	0.00	CO 1
			min V <sub>z</sub>	77.92	-0.03	<b>-0.09</b>	-0.04	0.91	-0.05	CO 12
			max M <sub>T</sub>	79.16	0.00	0.18	<b>0.00</b>	0.52	-0.01	CO 13
			min M <sub>T</sub>	77.92	-0.03	-0.09	<b>-0.04</b>	0.91	-0.05	CO 12
			max M <sub>y</sub>	100.08	-0.02	0.00	-0.02	<b>0.92</b>	-0.03	CO 18
			min M <sub>y</sub>	7.08	0.00	0.19	0.00	<b>0.01</b>	-0.01	CO 9
			max M <sub>z</sub>	13.68	0.00	0.20	0.00	0.06	<b>0.00</b>	CO 1
			min M <sub>z</sub>	77.92	-0.03	-0.09	-0.04	0.91	<b>-0.05</b>	CO 12
		1.817	max N	<b>104.80</b>	0.00	-0.13	0.00	0.74	-0.01	CO 17
			min N	<b>5.84</b>	-0.03	-0.49	-0.04	-0.11	0.00	CO 8
			max V <sub>y</sub>	79.18	<b>0.00</b>	-0.17	0.00	0.53	-0.02	CO 13
			min V <sub>y</sub>	5.84	<b>-0.03</b>	-0.49	-0.04	-0.11	0.00	CO 8
			max V <sub>z</sub>	104.80	0.00	<b>-0.13</b>	0.00	0.74	-0.01	CO 17
			min V <sub>z</sub>	5.84	-0.03	<b>-0.49</b>	-0.04	-0.11	0.00	CO 8
			max M <sub>T</sub>	79.18	0.00	-0.17	<b>0.00</b>	0.53	-0.02	CO 13
			min M <sub>T</sub>	77.94	-0.03	-0.42	<b>-0.04</b>	0.45	0.00	CO 12
			max M <sub>y</sub>	104.80	0.00	-0.13	0.00	<b>0.74</b>	-0.01	CO 17
			min M <sub>y</sub>	5.84	-0.03	-0.49	-0.04	<b>-0.11</b>	0.00	CO 8
			max M <sub>z</sub>	5.84	-0.03	-0.49	-0.04	-0.11	<b>0.00</b>	CO 8
			min M <sub>z</sub>	79.18	0.00	-0.17	0.00	0.53	<b>-0.02</b>	CO 13
			max N	<b>104.77</b>	0.00	0.13	0.00	0.74	-0.01	CO 17
			min N	<b>7.03</b>	0.00	0.25	0.00	-0.04	-0.01	CO 9
			max V <sub>y</sub>	7.03	<b>0.00</b>	0.25	0.00	-0.04	-0.01	CO 9
			min V <sub>y</sub>	80.07	<b>-0.03</b>	-0.07	-0.04	0.64	-0.02	CO 12
			max V <sub>z</sub>	7.03	0.00	<b>0.25</b>	0.00	-0.04	-0.01	CO 9
			min V <sub>z</sub>	80.07	-0.03	<b>-0.07</b>	-0.04	0.64	-0.02	CO 12
			max M <sub>T</sub>	7.03	0.00	0.25	<b>0.00</b>	-0.04	-0.01	CO 9
			min M <sub>T</sub>	80.07	-0.03	-0.07	<b>-0.04</b>	0.64	-0.02	CO 12
			max M <sub>y</sub>	101.36	-0.02	-0.01	-0.02	<b>0.77</b>	-0.01	CO 18
			min M <sub>y</sub>	7.03	0.00	0.25	0.00	<b>-0.04</b>	-0.01	CO 9
			max M <sub>z</sub>	13.67	0.00	0.23	0.00	0.03	<b>0.00</b>	CO 1
			min M <sub>z</sub>	80.07	-0.03	-0.07	-0.04	0.64	<b>-0.02</b>	CO 12
	447	3.635	max N	<b>104.78</b>	0.00	-0.15	0.00	0.72	-0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>7.04</b>	0.00	-0.18	0.00	0.02	-0.01	CO 9
			max V <sub>y</sub>	7.04	<b>0.00</b>	-0.18	0.00	0.02	-0.01	CO 9
			min V <sub>y</sub>	80.09	<b>-0.03</b>	-0.43	-0.04	0.19	0.03	CO 12
			max V <sub>z</sub>	100.79	0.00	<b>-0.15</b>	0.00	0.70	-0.01	CO 19
			min V <sub>z</sub>	52.35	-0.03	<b>-0.44</b>	-0.04	0.00	0.03	CO 14
			max M <sub>T</sub>	7.04	0.00	-0.18	<b>0.00</b>	0.02	-0.01	CO 9
			min M <sub>T</sub>	80.09	-0.03	-0.43	<b>-0.04</b>	0.19	0.03	CO 12
			max M <sub>y</sub>	104.78	0.00	-0.15	0.00	<b>0.72</b>	-0.01	CO 17
			min M <sub>y</sub>	7.97	-0.03	-0.44	-0.04	<b>-0.32</b>	0.03	CO 8
			max M <sub>z</sub>	7.97	-0.03	-0.44	-0.04	-0.32	<b>0.03</b>	CO 8
			min M <sub>z</sub>	79.12	0.00	-0.16	0.00	0.54	<b>-0.01</b>	CO 13
		1.817	Max N	<b>104.80</b>	0.00	-0.13	0.00	0.74	-0.01	CO 17
	450	0.000	Min N	<b>5.83</b>	-0.03	-0.06	-0.04	0.39	-0.05	CO 8
		1.817	Max V <sub>y</sub>	79.18	<b>0.00</b>	-0.17	0.00	0.53	-0.02	CO 13
	450	0.000	Min V <sub>y</sub>	77.92	<b>-0.03</b>	-0.09	-0.04	0.91	-0.05	CO 12
		1.817	Max V <sub>z</sub>	7.03	0.00	<b>0.25</b>	0.00	-0.04	-0.01	CO 9
		1.817	Min V <sub>z</sub>	5.84	-0.03	<b>-0.49</b>	-0.04	-0.11	0.00	CO 8
		0.682	Max M <sub>T</sub>	79.17	0.00	0.05	<b>0.00</b>	0.60	-0.01	CO 13
	450	0.000	Min M <sub>T</sub>	77.92	-0.03	-0.09	<b>-0.04</b>	0.91	-0.05	CO 12
	450	0.000	Max M <sub>y</sub>	100.08	-0.02	0.00	-0.02	<b>0.92</b>	-0.03	CO 18
	447	3.635	Min M <sub>y</sub>	7.97	-0.03	-0.44	-0.04	<b>-0.32</b>	0.03	CO 8
	447	3.635	Max M <sub>z</sub>	7.97	-0.03	-0.44	-0.04	-0.32	<b>0.03</b>	CO 8
	450	0.000	Min M <sub>z</sub>	77.92	-0.03	-0.09	-0.04	0.91	<b>-0.05</b>	CO 12
91	478	0.000	max N	<b>126.77</b>	0.01	0.45	0.00	0.55	0.00	CO 17
			min N	<b>12.59</b>	0.04	-0.05	0.03	0.40	-0.01	CO 8
			max V <sub>y</sub>	96.91	<b>0.04</b>	0.09	0.03	0.81	-0.01	CO 12
			min V <sub>y</sub>	20.09	<b>0.00</b>	0.28	0.00	0.01	0.00	CO 1
			max V <sub>z</sub>	98.87	0.01	<b>0.55</b>	0.01	0.21	-0.02	CO 13
			min V <sub>z</sub>	12.59	0.04	<b>-0.05</b>	0.03	0.40	-0.01	CO 8
			max M <sub>T</sub>	96.91	0.04	0.09	<b>0.03</b>	0.81	-0.01	CO 12
			min M <sub>T</sub>	20.09	0.00	0.28	<b>0.00</b>	0.01	0.00	CO 1
			max M <sub>y</sub>	96.91	0.04	0.09	0.03	<b>0.81</b>	-0.01	CO 12
			min M <sub>y</sub>	14.51	0.00	0.38	0.01	<b>-0.20</b>	-0.01	CO 9
			max M <sub>z</sub>	104.49	0.00	0.43	0.00	0.42	<b>0.00</b>	CO 7
			min M <sub>z</sub>	66.42	0.01	0.47	0.01	0.09	<b>-0.02</b>	CO 15
		1.817	max N	<b>126.78</b>	0.01	0.22	0.00	1.13	-0.01	CO 17
			min N	<b>12.60</b>	0.04	-0.47	0.03	-0.07	-0.08	CO 8
			max V <sub>y</sub>	96.92	<b>0.05</b>	-0.20	0.03	0.72	-0.08	CO 12
			min V <sub>y</sub>	20.10	<b>0.00</b>	-0.15	0.00	0.13	0.00	CO 1
			max V <sub>z</sub>	123.41	0.01	<b>0.27</b>	0.01	1.12	-0.02	CO 19
			min V <sub>z</sub>	12.60	0.04	<b>-0.47</b>	0.03	-0.07	-0.08	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	96.92	0.05	-0.20	<b>0.03</b>	0.72	-0.08	CO 12
			min M <sub>T</sub>	20.10	0.00	-0.15	<b>0.00</b>	0.13	0.00	CO 1
			max M <sub>y</sub>	126.78	0.01	0.22	0.00	<b>1.13</b>	-0.01	CO 17
			min M <sub>y</sub>	12.60	0.04	-0.47	0.03	<b>-0.07</b>	-0.08	CO 8
			max M <sub>z</sub>	20.10	0.00	-0.15	0.00	0.13	<b>0.00</b>	CO 1
			min M <sub>z</sub>	96.92	0.05	-0.20	0.03	0.72	<b>-0.08</b>	CO 12
			max N	<b>125.77</b>	0.00	0.00	0.00	1.05	-0.02	CO 17
			min N	<b>13.96</b>	-0.01	0.18	0.00	0.05	-0.02	CO 9
			max V <sub>y</sub>	19.89	<b>0.00</b>	0.20	0.00	0.11	0.00	CO 1
			min V <sub>y</sub>	99.12	<b>-0.02</b>	-0.31	0.02	0.91	-0.13	CO 12
			max V <sub>z</sub>	19.89	0.00	<b>0.20</b>	0.00	0.11	0.00	CO 1
			min V <sub>z</sub>	99.12	-0.02	<b>-0.31</b>	0.02	0.91	-0.13	CO 12
			max M <sub>T</sub>	99.12	-0.02	-0.31	<b>0.02</b>	0.91	-0.13	CO 12
			min M <sub>T</sub>	19.89	0.00	0.20	<b>0.00</b>	0.11	0.00	CO 1
			max M <sub>y</sub>	123.07	-0.02	-0.22	0.01	<b>1.09</b>	-0.09	CO 18
			min M <sub>y</sub>	13.96	-0.01	0.18	0.00	<b>0.05</b>	-0.02	CO 9
			max M <sub>z</sub>	19.89	0.00	0.20	0.00	0.11	<b>0.00</b>	CO 1
			min M <sub>z</sub>	99.12	-0.02	-0.31	0.02	0.91	<b>-0.13</b>	CO 12
	476	3.635	max N	<b>125.78</b>	0.00	-0.21	0.00	0.87	-0.01	CO 17
			min N	<b>13.97</b>	-0.01	-0.25	0.00	-0.01	-0.01	CO 9
			max V <sub>y</sub>	19.90	<b>0.00</b>	-0.23	0.00	0.08	0.00	CO 1
			min V <sub>y</sub>	97.67	<b>-0.01</b>	-0.25	0.01	0.61	-0.02	CO 13
			max V <sub>z</sub>	125.78	0.00	<b>-0.21</b>	0.00	0.87	-0.01	CO 17
			min V <sub>z</sub>	99.14	0.00	<b>-0.65</b>	0.02	0.06	-0.11	CO 12
			max M <sub>T</sub>	99.14	0.00	-0.65	<b>0.02</b>	0.06	-0.11	CO 12
			min M <sub>T</sub>	19.90	0.00	-0.23	<b>0.00</b>	0.08	0.00	CO 1
			max M <sub>y</sub>	125.78	0.00	-0.21	0.00	<b>0.87</b>	-0.01	CO 17
			min M <sub>y</sub>	15.42	-0.01	-0.62	0.02	<b>-0.55</b>	-0.10	CO 8
			max M <sub>z</sub>	19.90	0.00	-0.23	0.00	0.08	<b>0.00</b>	CO 1
			min M <sub>z</sub>	99.14	0.00	-0.65	0.02	0.06	<b>-0.11</b>	CO 12
		1.817	Max N	<b>126.78</b>	0.01	0.22	0.00	1.13	-0.01	CO 17
	478	0.000	Min N	<b>12.59</b>	0.04	-0.05	0.03	0.40	-0.01	CO 8
		1.817	Max V <sub>y</sub>	96.92	<b>0.05</b>	-0.20	0.03	0.72	-0.08	CO 12
		1.817	Min V <sub>y</sub>	99.12	<b>-0.02</b>	-0.31	0.02	0.91	-0.13	CO 12
	478	0.000	Max V <sub>z</sub>	98.87	0.01	<b>0.55</b>	0.01	0.21	-0.02	CO 13
	476	3.635	Min V <sub>z</sub>	99.14	0.00	<b>-0.65</b>	0.02	0.06	-0.11	CO 12
	478	0.000	Max M <sub>T</sub>	96.91	0.04	0.09	<b>0.03</b>	0.81	-0.01	CO 12
		1.817	Min M <sub>T</sub>	19.89	0.00	0.20	<b>0.00</b>	0.11	0.00	CO 1
		1.817	Max M <sub>y</sub>	126.78	0.01	0.22	0.00	<b>1.13</b>	-0.01	CO 17
	476	3.635	Min M <sub>y</sub>	15.42	-0.01	-0.62	0.02	<b>-0.55</b>	-0.10	CO 8
	478	0.000	Max M <sub>z</sub>	104.49	0.00	0.43	0.00	0.42	<b>0.00</b>	CO 7

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.817	Min M <sub>z</sub>	99.12	-0.02	-0.31	0.02	0.91	<b>-0.13</b>	CO 12
92	495	0.000	max N	<b>105.12</b>	0.00	0.18	0.00	0.68	0.00	CO 17
			min N	<b>5.38</b>	-0.01	-0.18	-0.03	0.56	-0.01	CO 8
			max V <sub>y</sub>	79.46	<b>0.00</b>	0.20	0.00	0.49	0.00	CO 13
			min V <sub>y</sub>	77.67	<b>-0.01</b>	-0.20	-0.03	1.06	-0.02	CO 12
			max V <sub>z</sub>	51.66	0.00	<b>0.21</b>	0.00	0.30	0.00	CO 15
			min V <sub>z</sub>	77.67	-0.01	<b>-0.20</b>	-0.03	1.06	-0.02	CO 12
			max M <sub>T</sub>	79.46	0.00	0.20	<b>0.00</b>	0.49	0.00	CO 13
			min M <sub>T</sub>	77.67	-0.01	-0.20	<b>-0.03</b>	1.06	-0.02	CO 12
			max M <sub>y</sub>	77.67	-0.01	-0.20	-0.03	<b>1.06</b>	-0.02	CO 12
			min M <sub>y</sub>	7.16	0.00	0.20	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	13.75	0.00	0.20	0.00	0.05	<b>0.00</b>	CO 1
			min M <sub>z</sub>	77.67	-0.01	-0.20	-0.03	1.06	<b>-0.02</b>	CO 12
		1.817	max N	<b>105.13</b>	0.00	-0.11	0.00	0.74	0.00	CO 17
			min N	<b>5.39</b>	-0.01	-0.61	-0.03	-0.15	0.00	CO 8
			max V <sub>y</sub>	79.47	<b>0.00</b>	-0.15	0.00	0.53	-0.01	CO 13
			min V <sub>y</sub>	5.39	<b>-0.01</b>	-0.61	-0.03	-0.15	0.00	CO 8
			max V <sub>z</sub>	105.13	0.00	<b>-0.11</b>	0.00	0.74	0.00	CO 17
			min V <sub>z</sub>	5.39	-0.01	<b>-0.61</b>	-0.03	-0.15	0.00	CO 8
			max M <sub>T</sub>	79.47	0.00	-0.15	<b>0.00</b>	0.53	-0.01	CO 13
			min M <sub>T</sub>	77.68	-0.01	-0.53	<b>-0.03</b>	0.41	0.00	CO 12
			max M <sub>y</sub>	105.13	0.00	-0.11	0.00	<b>0.74</b>	0.00	CO 17
			min M <sub>y</sub>	5.39	-0.01	-0.61	-0.03	<b>-0.15</b>	0.00	CO 8
			max M <sub>z</sub>	13.76	0.00	-0.23	0.00	0.03	<b>0.00</b>	CO 1
			min M <sub>z</sub>	79.47	0.00	-0.15	0.00	0.53	<b>-0.01</b>	CO 13
			max N	<b>105.15</b>	0.00	0.10	0.00	0.74	0.00	CO 17
			min N	<b>7.12</b>	0.00	0.24	0.00	-0.04	0.00	CO 9
			max V <sub>y</sub>	7.12	<b>0.00</b>	0.24	0.00	-0.04	0.00	CO 9
			min V <sub>y</sub>	80.91	<b>-0.01</b>	-0.22	-0.03	0.69	0.00	CO 12
			max V <sub>z</sub>	7.12	0.00	<b>0.24</b>	0.00	-0.04	0.00	CO 9
			min V <sub>z</sub>	80.91	-0.01	<b>-0.22</b>	-0.03	0.69	0.00	CO 12
			max M <sub>T</sub>	7.12	0.00	0.24	<b>0.00</b>	-0.04	0.00	CO 9
			min M <sub>T</sub>	80.91	-0.01	-0.22	<b>-0.03</b>	0.69	0.00	CO 12
			max M <sub>y</sub>	102.05	-0.01	-0.11	-0.02	<b>0.80</b>	0.00	CO 18
			min M <sub>y</sub>	7.12	0.00	0.24	0.00	<b>-0.04</b>	0.00	CO 9
			max M <sub>z</sub>	8.54	-0.01	-0.13	-0.03	0.13	<b>0.00</b>	CO 8
			min M <sub>z</sub>	79.43	0.00	0.16	0.00	0.52	<b>-0.01</b>	CO 13
	477	3.635	max N	<b>105.16</b>	0.00	-0.19	0.00	0.67	0.00	CO 17
			min N	<b>7.13</b>	0.00	-0.19	0.00	0.01	0.00	CO 9
			max V <sub>y</sub>	7.13	<b>0.00</b>	-0.19	0.00	0.01	0.00	CO 9
			min V <sub>y</sub>	80.92	<b>-0.01</b>	-0.59	-0.03	-0.02	0.01	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	101.17	0.00	<b>-0.18</b>	0.00	0.64	0.00	CO 19
			min V <sub>z</sub>	80.92	-0.01	<b>-0.59</b>	-0.03	-0.02	0.01	CO 12
			max M <sub>T</sub>	7.13	0.00	-0.19	<b>0.00</b>	0.01	0.00	CO 9
			min M <sub>T</sub>	80.92	-0.01	-0.59	<b>-0.03</b>	-0.02	0.01	CO 12
			max M <sub>y</sub>	105.16	0.00	-0.19	0.00	<b>0.67</b>	0.00	CO 17
			min M <sub>y</sub>	8.56	-0.01	-0.57	-0.03	<b>-0.50</b>	0.01	CO 8
			max M <sub>z</sub>	80.92	-0.01	-0.59	-0.03	-0.02	<b>0.01</b>	CO 12
			min M <sub>z</sub>	79.44	0.00	-0.19	0.00	0.50	<b>-0.01</b>	CO 13
	477	3.635	Max N	<b>105.16</b>	0.00	-0.19	0.00	0.67	0.00	CO 17
	495	0.000	Min N	<b>5.38</b>	-0.01	-0.18	-0.03	0.56	-0.01	CO 8
		1.817	Max V <sub>y</sub>	79.47	<b>0.00</b>	-0.15	0.00	0.53	-0.01	CO 13
	477	3.635	Min V <sub>y</sub>	80.92	<b>-0.01</b>	-0.59	-0.03	-0.02	0.01	CO 12
		1.817	Max V <sub>z</sub>	7.12	0.00	<b>0.24</b>	0.00	-0.04	0.00	CO 9
		1.817	Min V <sub>z</sub>	5.39	-0.01	<b>-0.61</b>	-0.03	-0.15	0.00	CO 8
		0.454	Max M <sub>T</sub>	79.46	0.00	0.11	<b>0.00</b>	0.56	-0.01	CO 13
		1.817	Min M <sub>T</sub>	80.91	-0.01	-0.22	<b>-0.03</b>	0.69	0.00	CO 12
	495	0.000	Max M <sub>y</sub>	77.67	-0.01	-0.20	-0.03	<b>1.06</b>	-0.02	CO 12
	477	3.635	Min M <sub>y</sub>	8.56	-0.01	-0.57	-0.03	<b>-0.50</b>	0.01	CO 8
	477	3.635	Max M <sub>z</sub>	80.92	-0.01	-0.59	-0.03	-0.02	<b>0.01</b>	CO 12
	495	0.000	Min M <sub>z</sub>	77.67	-0.01	-0.20	-0.03	1.06	<b>-0.02</b>	CO 12
93	522	0.000	max N	<b>126.76</b>	-0.01	0.45	0.00	0.55	0.00	CO 17
			min N	<b>12.17</b>	-0.03	-0.13	0.00	0.52	-0.01	CO 8
			max V <sub>y</sub>	20.08	<b>0.00</b>	0.28	0.00	0.01	0.00	CO 1
			min V <sub>y</sub>	96.48	<b>-0.04</b>	0.00	0.00	0.93	-0.01	CO 12
			max V <sub>z</sub>	98.89	0.00	<b>0.55</b>	0.01	0.21	0.00	CO 13
			min V <sub>z</sub>	12.17	-0.03	<b>-0.13</b>	0.00	0.52	-0.01	CO 8
			max M <sub>T</sub>	98.89	0.00	0.55	<b>0.01</b>	0.21	0.00	CO 13
			min M <sub>T</sub>	20.08	0.00	0.28	<b>0.00</b>	0.01	0.00	CO 1
			max M <sub>y</sub>	96.48	-0.04	0.00	0.00	<b>0.93</b>	-0.01	CO 12
			min M <sub>y</sub>	14.53	0.00	0.38	0.01	<b>-0.20</b>	0.00	CO 9
			max M <sub>z</sub>	14.53	0.00	0.38	0.01	-0.20	<b>0.00</b>	CO 9
			min M <sub>z</sub>	64.05	-0.04	-0.07	0.00	0.81	<b>-0.01</b>	CO 14
		1.817	max N	<b>126.77</b>	-0.01	0.22	0.00	1.13	0.01	CO 17
			min N	<b>12.18</b>	-0.03	-0.56	0.00	-0.10	0.05	CO 8
			max V <sub>y</sub>	20.10	<b>0.00</b>	-0.15	0.00	0.13	0.00	CO 1
			min V <sub>y</sub>	96.49	<b>-0.04</b>	-0.28	0.00	0.69	0.06	CO 12
			max V <sub>z</sub>	123.41	-0.01	<b>0.27</b>	0.00	1.12	0.01	CO 19
			min V <sub>z</sub>	12.18	-0.03	<b>-0.56</b>	0.00	-0.10	0.05	CO 8
			max M <sub>T</sub>	98.90	0.00	0.23	<b>0.01</b>	0.90	0.01	CO 13
			min M <sub>T</sub>	20.10	0.00	-0.15	<b>0.00</b>	0.13	0.00	CO 1
			max M <sub>y</sub>	126.77	-0.01	0.22	0.00	<b>1.13</b>	0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	12.18	-0.03	-0.56	0.00	<b>-0.10</b>	0.05	CO 8
			max M <sub>z</sub>	96.49	-0.04	-0.28	0.00	0.69	<b>0.06</b>	CO 12
			min M <sub>z</sub>	20.10	0.00	-0.15	0.00	0.13	<b>0.00</b>	CO 1
			max N	<b>125.79</b>	0.00	0.00	0.00	1.05	0.01	CO 17
			min N	<b>13.98</b>	0.00	0.18	0.01	0.05	0.00	CO 9
			max V <sub>y</sub>	99.42	<b>0.03</b>	-0.39	0.02	0.95	0.11	CO 12
			min V <sub>y</sub>	19.90	<b>0.00</b>	0.20	0.00	0.11	0.00	CO 1
			max V <sub>z</sub>	19.90	0.00	<b>0.20</b>	0.00	0.11	0.00	CO 1
			min V <sub>z</sub>	99.42	0.03	<b>-0.39</b>	0.02	0.95	0.11	CO 12
			max M <sub>T</sub>	99.42	0.03	-0.39	<b>0.02</b>	0.95	0.11	CO 12
			min M <sub>T</sub>	19.90	0.00	0.20	<b>0.00</b>	0.11	0.00	CO 1
			max M <sub>y</sub>	123.26	0.02	-0.26	0.01	<b>1.11</b>	0.07	CO 18
			min M <sub>y</sub>	13.98	0.00	0.18	0.01	<b>0.05</b>	0.00	CO 9
			max M <sub>z</sub>	99.42	0.03	-0.39	0.02	0.95	<b>0.11</b>	CO 12
			min M <sub>z</sub>	13.98	0.00	0.18	0.01	0.05	<b>0.00</b>	CO 9
	505	3.635	max N	<b>125.80</b>	0.00	-0.21	0.00	0.87	0.01	CO 17
			min N	<b>13.99</b>	0.00	-0.25	0.01	-0.01	0.00	CO 9
			max V <sub>y</sub>	15.69	<b>0.02</b>	-0.70	0.02	-0.65	0.06	CO 8
			min V <sub>y</sub>	122.22	<b>0.00</b>	-0.23	0.01	0.81	0.01	CO 19
			max V <sub>z</sub>	125.80	0.00	<b>-0.21</b>	0.00	0.87	0.01	CO 17
			min V <sub>z</sub>	99.44	0.02	<b>-0.73</b>	0.02	-0.05	0.06	CO 12
			max M <sub>T</sub>	99.44	0.02	-0.73	<b>0.02</b>	-0.05	0.06	CO 12
			min M <sub>T</sub>	19.91	0.00	-0.23	<b>0.00</b>	0.08	0.00	CO 1
			max M <sub>y</sub>	125.80	0.00	-0.21	0.00	<b>0.87</b>	0.01	CO 17
			min M <sub>y</sub>	15.69	0.02	-0.70	0.02	<b>-0.65</b>	0.06	CO 8
			max M <sub>z</sub>	99.44	0.02	-0.73	0.02	-0.05	<b>0.06</b>	CO 12
			min M <sub>z</sub>	13.99	0.00	-0.25	0.01	-0.01	<b>0.00</b>	CO 9
		1.817	Max N	<b>126.77</b>	-0.01	0.22	0.00	1.13	0.01	CO 17
	522	0.000	Min N	<b>12.17</b>	-0.03	-0.13	0.00	0.52	-0.01	CO 8
		1.817	Max V <sub>y</sub>	99.42	<b>0.03</b>	-0.39	0.02	0.95	0.11	CO 12
		1.817	Min V <sub>y</sub>	96.49	<b>-0.04</b>	-0.28	0.00	0.69	0.06	CO 12
	522	0.000	Max V <sub>z</sub>	98.89	0.00	<b>0.55</b>	0.01	0.21	0.00	CO 13
	505	3.635	Min V <sub>z</sub>	99.44	0.02	<b>-0.73</b>	0.02	-0.05	0.06	CO 12
		1.817	Max M <sub>T</sub>	99.42	0.03	-0.39	<b>0.02</b>	0.95	0.11	CO 12
	522	0.000	Min M <sub>T</sub>	20.08	0.00	0.28	<b>0.00</b>	0.01	0.00	CO 1
		1.817	Max M <sub>y</sub>	126.77	-0.01	0.22	0.00	<b>1.13</b>	0.01	CO 17
	505	3.635	Min M <sub>y</sub>	15.69	0.02	-0.70	0.02	<b>-0.65</b>	0.06	CO 8
		1.817	Max M <sub>z</sub>	99.42	0.03	-0.39	0.02	0.95	<b>0.11</b>	CO 12
	522	0.000	Min M <sub>z</sub>	64.05	-0.04	-0.07	0.00	0.81	<b>-0.01</b>	CO 14
94	525	0.000	max N	<b>105.11</b>	0.00	0.18	0.00	0.68	0.00	CO 17
			min N	<b>5.04</b>	-0.02	-0.25	-0.01	0.67	-0.03	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	79.35	<b>0.00</b>	0.19	0.00	0.50	-0.01	CO 13
			min V <sub>y</sub>	77.32	<b>-0.02</b>	-0.29	-0.01	1.17	-0.03	CO 12
			max V <sub>z</sub>	41.55	0.00	<b>0.20</b>	0.00	0.24	0.00	CO 2
			min V <sub>z</sub>	77.32	-0.02	<b>-0.29</b>	-0.01	1.17	-0.03	CO 12
			max M <sub>T</sub>	101.09	0.00	0.18	<b>0.00</b>	0.65	-0.01	CO 19
			min M <sub>T</sub>	77.32	-0.02	-0.29	<b>-0.01</b>	1.17	-0.03	CO 12
			max M <sub>y</sub>	77.32	-0.02	-0.29	-0.01	<b>1.17</b>	-0.03	CO 12
			min M <sub>y</sub>	7.06	0.00	0.20	0.00	<b>0.01</b>	-0.01	CO 9
			max M <sub>z</sub>	13.75	0.00	0.20	0.00	0.05	<b>0.00</b>	CO 1
			min M <sub>z</sub>	77.32	-0.02	-0.29	-0.01	1.17	<b>-0.03</b>	CO 12
		1.817	max N	<b>105.12</b>	0.00	-0.11	0.00	0.74	0.00	CO 17
			min N	<b>5.06</b>	-0.02	-0.68	-0.01	-0.18	0.00	CO 8
			max V <sub>y</sub>	79.36	<b>0.00</b>	-0.16	0.00	0.53	-0.01	CO 13
			min V <sub>y</sub>	5.06	<b>-0.02</b>	-0.68	-0.01	-0.18	0.00	CO 8
			max V <sub>z</sub>	105.12	0.00	<b>-0.11</b>	0.00	0.74	0.00	CO 17
			min V <sub>z</sub>	5.06	-0.02	<b>-0.68</b>	-0.01	-0.18	0.00	CO 8
			max M <sub>T</sub>	101.10	0.00	-0.12	<b>0.00</b>	0.71	-0.01	CO 19
			min M <sub>T</sub>	77.33	-0.02	-0.60	<b>-0.01</b>	0.38	0.00	CO 12
			max M <sub>y</sub>	105.12	0.00	-0.11	0.00	<b>0.74</b>	0.00	CO 17
			min M <sub>y</sub>	5.06	-0.02	-0.68	-0.01	<b>-0.18</b>	0.00	CO 8
			max M <sub>z</sub>	5.06	-0.02	-0.68	-0.01	-0.18	<b>0.00</b>	CO 8
			min M <sub>z</sub>	79.36	0.00	-0.16	0.00	0.53	<b>-0.01</b>	CO 13
			max N	<b>105.14</b>	0.00	0.10	0.00	0.74	0.00	CO 17
			min N	<b>7.00</b>	0.00	0.25	0.00	-0.03	-0.01	CO 9
			max V <sub>y</sub>	7.00	<b>0.00</b>	0.25	0.00	-0.03	-0.01	CO 9
			min V <sub>y</sub>	81.22	<b>-0.02</b>	-0.29	-0.01	0.72	-0.01	CO 12
			max V <sub>z</sub>	7.00	0.00	<b>0.25</b>	0.00	-0.03	-0.01	CO 9
			min V <sub>z</sub>	81.22	-0.02	<b>-0.29</b>	-0.01	0.72	-0.01	CO 12
			max M <sub>T</sub>	77.33	0.00	0.15	<b>0.00</b>	0.52	0.00	CO 16
			min M <sub>T</sub>	81.22	-0.02	-0.29	<b>-0.01</b>	0.72	-0.01	CO 12
			max M <sub>y</sub>	102.24	-0.01	-0.15	-0.01	<b>0.82</b>	-0.01	CO 18
			min M <sub>y</sub>	7.00	0.00	0.25	0.00	<b>-0.03</b>	-0.01	CO 9
			max M <sub>z</sub>	13.76	0.00	0.23	0.00	0.03	<b>0.00</b>	CO 1
			min M <sub>z</sub>	81.22	-0.02	-0.29	-0.01	0.72	<b>-0.01</b>	CO 12
	509	3.635	max N	<b>105.15</b>	0.00	-0.19	0.00	0.67	0.00	CO 17
			min N	<b>7.02</b>	0.00	-0.18	0.00	0.03	-0.01	CO 9
			max V <sub>y</sub>	7.02	<b>0.00</b>	-0.18	0.00	0.03	-0.01	CO 9
			min V <sub>y</sub>	81.23	<b>-0.02</b>	-0.67	-0.01	-0.13	0.02	CO 12
			max V <sub>z</sub>	101.10	0.00	<b>-0.18</b>	0.00	0.65	-0.01	CO 19
			min V <sub>z</sub>	81.23	-0.02	<b>-0.67</b>	-0.01	-0.13	0.02	CO 12
			max M <sub>T</sub>	77.34	0.00	-0.20	<b>0.00</b>	0.48	0.00	CO 16



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	81.23	-0.02	-0.67	<b>-0.01</b>	-0.13	0.02	CO 12
			max M <sub>y</sub>	105.15	0.00	-0.19	0.00	<b>0.67</b>	0.00	CO 17
			min M <sub>y</sub>	8.86	-0.02	-0.64	-0.01	<b>-0.61</b>	0.02	CO 8
			max M <sub>z</sub>	8.86	-0.02	-0.64	-0.01	-0.61	<b>0.02</b>	CO 8
			min M <sub>z</sub>	79.33	0.00	-0.18	0.00	0.51	<b>-0.01</b>	CO 13
	509	3.635	Max N	<b>105.15</b>	0.00	-0.19	0.00	0.67	0.00	CO 17
	525	0.000	Min N	<b>5.04</b>	-0.02	-0.25	-0.01	0.67	-0.03	CO 8
		1.817	Max V <sub>y</sub>	79.36	<b>0.00</b>	-0.16	0.00	0.53	-0.01	CO 13
	525	0.000	Min V <sub>y</sub>	77.32	<b>-0.02</b>	-0.29	-0.01	1.17	-0.03	CO 12
		1.817	Max V <sub>z</sub>	7.00	0.00	<b>0.25</b>	0.00	-0.03	-0.01	CO 9
		1.817	Min V <sub>z</sub>	5.06	-0.02	<b>-0.68</b>	-0.01	-0.18	0.00	CO 8
		0.682	Max M <sub>T</sub>	101.10	0.00	0.07	<b>0.00</b>	0.73	-0.01	CO 19
	525	0.000	Min M <sub>T</sub>	77.32	-0.02	-0.29	<b>-0.01</b>	1.17	-0.03	CO 12
	525	0.000	Max M <sub>y</sub>	77.32	-0.02	-0.29	-0.01	<b>1.17</b>	-0.03	CO 12
	509	3.635	Min M <sub>y</sub>	8.86	-0.02	-0.64	-0.01	<b>-0.61</b>	0.02	CO 8
	509	3.635	Max M <sub>z</sub>	8.86	-0.02	-0.64	-0.01	-0.61	<b>0.02</b>	CO 8
	525	0.000	Min M <sub>z</sub>	77.32	-0.02	-0.29	-0.01	1.17	<b>-0.03</b>	CO 12
95	537	0.000	max N	<b>127.25</b>	0.00	0.48	0.00	0.48	0.00	CO 17
			min N	<b>11.28</b>	0.04	-0.20	0.02	0.65	0.00	CO 8
			max V <sub>y</sub>	95.98	<b>0.04</b>	-0.05	0.02	1.03	0.00	CO 12
			min V <sub>y</sub>	20.16	<b>0.00</b>	0.28	0.00	0.01	0.00	CO 1
			max V <sub>z</sub>	99.46	0.01	<b>0.59</b>	0.01	0.12	-0.01	CO 13
			min V <sub>z</sub>	11.28	0.04	<b>-0.20</b>	0.02	0.65	0.00	CO 8
			max M <sub>T</sub>	95.98	0.04	-0.05	<b>0.02</b>	1.03	0.00	CO 12
			min M <sub>T</sub>	20.16	0.00	0.28	<b>0.00</b>	0.01	0.00	CO 1
			max M <sub>y</sub>	95.98	0.04	-0.05	0.02	<b>1.03</b>	0.00	CO 12
			min M <sub>y</sub>	14.79	0.00	0.40	0.00	<b>-0.24</b>	-0.01	CO 9
			max M <sub>z</sub>	63.44	0.04	-0.13	0.02	0.92	<b>0.00</b>	CO 14
			min M <sub>z</sub>	99.46	0.01	0.59	0.01	0.12	<b>-0.01</b>	CO 13
		1.817	max N	<b>127.26</b>	0.01	0.24	0.00	1.11	-0.01	CO 17
			min N	<b>11.30</b>	0.04	-0.62	0.02	-0.09	-0.06	CO 8
			max V <sub>y</sub>	95.99	<b>0.04</b>	-0.33	0.02	0.69	-0.07	CO 12
			min V <sub>y</sub>	20.17	<b>0.00</b>	-0.15	0.00	0.12	0.00	CO 1
			max V <sub>z</sub>	124.00	0.01	<b>0.30</b>	0.01	1.09	-0.02	CO 19
			min V <sub>z</sub>	11.30	0.04	<b>-0.62</b>	0.02	-0.09	-0.06	CO 8
			max M <sub>T</sub>	95.99	0.04	-0.33	<b>0.02</b>	0.69	-0.07	CO 12
			min M <sub>T</sub>	20.17	0.00	-0.15	<b>0.00</b>	0.12	0.00	CO 1
			max M <sub>y</sub>	127.26	0.01	0.24	0.00	<b>1.11</b>	-0.01	CO 17
			min M <sub>y</sub>	11.30	0.04	-0.62	0.02	<b>-0.09</b>	-0.06	CO 8
			max M <sub>z</sub>	20.17	0.00	-0.15	0.00	0.12	<b>0.00</b>	CO 1
			min M <sub>z</sub>	95.99	0.04	-0.33	0.02	0.69	<b>-0.07</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max N	<b>126.30</b>	0.00	-0.03	0.00	1.03	-0.02	CO 17
			min N	<b>14.17</b>	0.00	0.18	0.00	0.03	-0.01	CO 9
			max V <sub>y</sub>	19.97	<b>0.00</b>	0.19	0.00	0.11	0.00	CO 1
			min V <sub>y</sub>	99.16	<b>-0.03</b>	-0.40	0.00	0.97	-0.13	CO 12
			max V <sub>z</sub>	19.97	0.00	<b>0.19</b>	0.00	0.11	0.00	CO 1
			min V <sub>z</sub>	99.16	-0.03	<b>-0.40</b>	0.00	0.97	-0.13	CO 12
			max M <sub>T</sub>	14.17	0.00	0.18	<b>0.00</b>	0.03	-0.01	CO 9
			min M <sub>T</sub>	19.97	0.00	0.19	<b>0.00</b>	0.11	0.00	CO 1
			max M <sub>y</sub>	123.37	-0.02	-0.28	0.00	<b>1.11</b>	-0.09	CO 18
			min M <sub>y</sub>	14.17	0.00	0.18	0.00	<b>0.03</b>	-0.01	CO 9
			max M <sub>z</sub>	19.97	0.00	0.19	0.00	0.11	<b>0.00</b>	CO 1
			min M <sub>z</sub>	99.16	-0.03	-0.40	0.00	0.97	<b>-0.13</b>	CO 12
	534	3.635	max N	<b>126.32</b>	0.00	-0.24	0.00	0.79	-0.01	CO 17
			min N	<b>14.18</b>	0.00	-0.25	0.00	-0.03	0.00	CO 9
			max V <sub>y</sub>	19.99	<b>0.00</b>	-0.23	0.00	0.07	0.00	CO 1
			min V <sub>y</sub>	15.03	<b>-0.02</b>	-0.68	0.00	-0.60	-0.08	CO 8
			max V <sub>z</sub>	19.99	0.00	<b>-0.23</b>	0.00	0.07	0.00	CO 1
			min V <sub>z</sub>	99.17	-0.01	<b>-0.74</b>	0.00	-0.03	-0.09	CO 12
			max M <sub>T</sub>	14.18	0.00	-0.25	<b>0.00</b>	-0.03	0.00	CO 9
			min M <sub>T</sub>	19.99	0.00	-0.23	<b>0.00</b>	0.07	0.00	CO 1
			max M <sub>y</sub>	126.32	0.00	-0.24	0.00	<b>0.79</b>	-0.01	CO 17
			min M <sub>y</sub>	15.03	-0.02	-0.68	0.00	<b>-0.60</b>	-0.08	CO 8
			max M <sub>z</sub>	19.99	0.00	-0.23	0.00	0.07	<b>0.00</b>	CO 1
			min M <sub>z</sub>	99.17	-0.01	-0.74	0.00	-0.03	<b>-0.09</b>	CO 12
		1.817	Max N	<b>127.26</b>	0.01	0.24	0.00	1.11	-0.01	CO 17
	537	0.000	Min N	<b>11.28</b>	0.04	-0.20	0.02	0.65	0.00	CO 8
		1.817	Max V <sub>y</sub>	95.99	<b>0.04</b>	-0.33	0.02	0.69	-0.07	CO 12
		1.817	Min V <sub>y</sub>	99.16	<b>-0.03</b>	-0.40	0.00	0.97	-0.13	CO 12
	537	0.000	Max V <sub>z</sub>	99.46	0.01	<b>0.59</b>	0.01	0.12	-0.01	CO 13
	534	3.635	Min V <sub>z</sub>	99.17	-0.01	<b>-0.74</b>	0.00	-0.03	-0.09	CO 12
	537	0.000	Max M <sub>T</sub>	95.98	0.04	-0.05	<b>0.02</b>	1.03	0.00	CO 12
		1.817	Min M <sub>T</sub>	19.97	0.00	0.19	<b>0.00</b>	0.11	0.00	CO 1
		1.817	Max M <sub>y</sub>	127.26	0.01	0.24	0.00	<b>1.11</b>	-0.01	CO 17
	534	3.635	Min M <sub>y</sub>	15.03	-0.02	-0.68	0.00	<b>-0.60</b>	-0.08	CO 8
	537	0.000	Max M <sub>z</sub>	63.44	0.04	-0.13	0.02	0.92	<b>0.00</b>	CO 14
		1.817	Min M <sub>z</sub>	99.16	-0.03	-0.40	0.00	0.97	<b>-0.13</b>	CO 12
96	539	0.000	max N	<b>104.85</b>	0.00	0.16	0.00	0.71	0.00	CO 17
			min N	<b>5.01</b>	0.01	-0.26	0.00	0.68	0.01	CO 8
			max V <sub>y</sub>	77.11	<b>0.01</b>	-0.31	0.00	1.20	0.01	CO 12
			min V <sub>y</sub>	7.98	<b>0.00</b>	0.23	0.00	-0.11	0.00	CO 9
			max V <sub>z</sub>	35.71	0.00	<b>0.24</b>	0.00	0.09	0.00	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	77.11	0.01	<b>-0.31</b>	0.00	1.20	0.01	CO 12
			max M <sub>T</sub>	101.36	0.00	0.19	<b>0.00</b>	0.61	0.00	CO 19
			min M <sub>T</sub>	32.75	0.01	-0.27	<b>0.00</b>	0.88	0.01	CO 10
			max M <sub>y</sub>	77.11	0.01	-0.31	0.00	<b>1.20</b>	0.01	CO 12
			min M <sub>y</sub>	7.98	0.00	0.23	0.00	<b>-0.11</b>	0.00	CO 9
			max M <sub>z</sub>	77.11	0.01	-0.31	0.00	1.20	<b>0.01</b>	CO 12
			min M <sub>z</sub>	80.04	0.00	0.22	0.00	0.41	<b>0.00</b>	CO 13
		1.817	max N	<b>104.86</b>	0.00	-0.13	0.00	0.73	0.00	CO 17
			min N	<b>5.02</b>	0.01	-0.69	0.00	-0.18	0.00	CO 8
			max V <sub>y</sub>	5.02	<b>0.01</b>	-0.69	0.00	-0.18	0.00	CO 8
			min V <sub>y</sub>	7.99	<b>0.00</b>	-0.20	0.00	-0.07	0.00	CO 9
			max V <sub>z</sub>	101.37	0.00	<b>-0.12</b>	0.00	0.67	-0.01	CO 19
			min V <sub>z</sub>	5.02	0.01	<b>-0.69</b>	0.00	-0.18	0.00	CO 8
			max M <sub>T</sub>	101.37	0.00	-0.12	<b>0.00</b>	0.67	-0.01	CO 19
			min M <sub>T</sub>	32.76	0.01	-0.68	<b>0.00</b>	0.02	0.00	CO 10
			max M <sub>y</sub>	104.86	0.00	-0.13	0.00	<b>0.73</b>	0.00	CO 17
			min M <sub>y</sub>	5.02	0.01	-0.69	0.00	<b>-0.18</b>	0.00	CO 8
			max M <sub>z</sub>	104.86	0.00	-0.13	0.00	0.73	<b>0.00</b>	CO 17
			min M <sub>z</sub>	80.05	0.00	-0.14	0.00	0.48	<b>-0.01</b>	CO 13
			max N	<b>104.89</b>	0.00	0.12	0.00	0.74	0.00	CO 17
			min N	<b>7.92</b>	0.00	0.21	0.00	-0.08	0.00	CO 9
			max V <sub>y</sub>	8.89	<b>0.01</b>	-0.22	0.00	0.16	0.00	CO 8
			min V <sub>y</sub>	80.00	<b>0.00</b>	0.15	0.00	0.48	-0.01	CO 13
			max V <sub>z</sub>	13.72	0.00	<b>0.23</b>	0.00	0.03	0.00	CO 1
			min V <sub>z</sub>	81.09	0.01	<b>-0.28</b>	0.00	0.72	0.01	CO 12
			max M <sub>T</sub>	13.72	0.00	0.23	<b>0.00</b>	0.03	0.00	CO 1
			min M <sub>T</sub>	81.09	0.01	-0.28	<b>0.00</b>	0.72	0.01	CO 12
			max M <sub>y</sub>	102.02	0.00	-0.14	0.00	<b>0.82</b>	0.00	CO 18
			min M <sub>y</sub>	7.92	0.00	0.21	0.00	<b>-0.08</b>	0.00	CO 9
			max M <sub>z</sub>	81.09	0.01	-0.28	0.00	0.72	<b>0.01</b>	CO 12
			min M <sub>z</sub>	80.00	0.00	0.15	0.00	0.48	<b>-0.01</b>	CO 13
	536	3.635	max N	<b>104.90</b>	0.00	-0.17	0.00	0.70	0.00	CO 17
			min N	<b>7.93</b>	0.00	-0.22	0.00	-0.08	0.00	CO 9
			max V <sub>y</sub>	8.90	<b>0.01</b>	-0.65	0.00	-0.62	-0.01	CO 8
			min V <sub>y</sub>	80.02	<b>0.00</b>	-0.21	0.00	0.42	0.00	CO 13
			max V <sub>z</sub>	104.90	0.00	<b>-0.17</b>	0.00	0.70	0.00	CO 17
			min V <sub>z</sub>	81.10	0.01	<b>-0.66</b>	0.00	-0.12	0.00	CO 12
			max M <sub>T</sub>	13.74	0.00	-0.20	<b>0.00</b>	0.05	0.00	CO 1
			min M <sub>T</sub>	81.10	0.01	-0.66	<b>0.00</b>	-0.12	0.00	CO 12
			max M <sub>y</sub>	104.90	0.00	-0.17	0.00	<b>0.70</b>	0.00	CO 17
			min M <sub>y</sub>	8.90	0.01	-0.65	0.00	<b>-0.62</b>	-0.01	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	104.90	0.00	-0.17	0.00	0.70	<b>0.00</b>	CO 17
			min M <sub>z</sub>	8.90	0.01	-0.65	0.00	-0.62	<b>-0.01</b>	CO 8
	536	3.635	Max N	<b>104.90</b>	0.00	-0.17	0.00	0.70	0.00	CO 17
	539	0.000	Min N	<b>5.01</b>	0.01	-0.26	0.00	0.68	0.01	CO 8
	539	0.000	Max V <sub>y</sub>	77.11	<b>0.01</b>	-0.31	0.00	1.20	0.01	CO 12
		1.817	Min V <sub>y</sub>	80.00	<b>0.00</b>	0.15	0.00	0.48	-0.01	CO 13
	539	0.000	Max V <sub>z</sub>	35.71	0.00	<b>0.24</b>	0.00	0.09	0.00	CO 11
		1.817	Min V <sub>z</sub>	5.02	0.01	<b>-0.69</b>	0.00	-0.18	0.00	CO 8
	539	0.000	Max M <sub>T</sub>	101.36	0.00	0.19	<b>0.00</b>	0.61	0.00	CO 19
		1.817	Min M <sub>T</sub>	81.09	0.01	-0.28	<b>0.00</b>	0.72	0.01	CO 12
	539	0.000	Max M <sub>y</sub>	77.11	0.01	-0.31	0.00	<b>1.20</b>	0.01	CO 12
	536	3.635	Min M <sub>y</sub>	8.90	0.01	-0.65	0.00	<b>-0.62</b>	-0.01	CO 8
	539	0.000	Max M <sub>z</sub>	77.11	0.01	-0.31	0.00	1.20	<b>0.01</b>	CO 12
		1.817	Min M <sub>z</sub>	80.05	0.00	-0.14	0.00	0.48	<b>-0.01</b>	CO 13
97	552	0.000	max N	<b>127.26</b>	-0.01	0.48	0.00	0.48	0.00	CO 17
			min N	<b>11.81</b>	-0.05	-0.16	-0.01	0.58	-0.01	CO 8
			max V <sub>y</sub>	14.33	<b>0.01</b>	0.39	0.00	-0.18	-0.01	CO 9
			min V <sub>y</sub>	96.48	<b>-0.05</b>	-0.01	-0.02	0.95	-0.01	CO 12
			max V <sub>z</sub>	99.06	0.00	<b>0.58</b>	0.00	0.18	-0.01	CO 13
			min V <sub>z</sub>	11.81	-0.05	<b>-0.16</b>	-0.01	0.58	-0.01	CO 8
			max M <sub>T</sub>	14.33	0.01	0.39	<b>0.00</b>	-0.18	-0.01	CO 9
			min M <sub>T</sub>	96.48	-0.05	-0.01	<b>-0.02</b>	0.95	-0.01	CO 12
			max M <sub>y</sub>	96.48	-0.05	-0.01	-0.02	<b>0.95</b>	-0.01	CO 12
			min M <sub>y</sub>	14.33	0.01	0.39	0.00	<b>-0.18</b>	-0.01	CO 9
			max M <sub>z</sub>	52.70	0.00	0.38	0.00	0.11	<b>0.00</b>	CO 2
			min M <sub>z</sub>	99.06	0.00	0.58	0.00	0.18	<b>-0.01</b>	CO 13
		1.817	max N	<b>127.27</b>	-0.01	0.24	0.00	1.11	0.01	CO 17
			min N	<b>11.82</b>	-0.05	-0.59	-0.01	-0.10	0.08	CO 8
			max V <sub>y</sub>	14.34	<b>0.01</b>	-0.04	0.00	0.14	-0.02	CO 9
			min V <sub>y</sub>	96.49	<b>-0.06</b>	-0.30	-0.02	0.68	0.09	CO 12
			max V <sub>z</sub>	123.78	0.00	<b>0.30</b>	0.00	1.12	-0.01	CO 19
			min V <sub>z</sub>	11.82	-0.05	<b>-0.59</b>	-0.01	-0.10	0.08	CO 8
			max M <sub>T</sub>	14.34	0.01	-0.04	<b>0.00</b>	0.14	-0.02	CO 9
			min M <sub>T</sub>	96.49	-0.06	-0.30	<b>-0.02</b>	0.68	0.09	CO 12
			max M <sub>y</sub>	123.78	0.00	0.30	0.00	<b>1.12</b>	-0.01	CO 19
			min M <sub>y</sub>	11.82	-0.05	-0.59	-0.01	<b>-0.10</b>	0.08	CO 8
			max M <sub>z</sub>	96.49	-0.06	-0.30	-0.02	0.68	<b>0.09</b>	CO 12
			min M <sub>z</sub>	66.52	0.01	0.10	0.00	0.60	<b>-0.02</b>	CO 15
			max N	<b>126.31</b>	0.00	-0.03	0.00	1.03	0.02	CO 17
			min N	<b>13.70</b>	0.00	0.19	0.00	0.08	-0.02	CO 9
			max V <sub>y</sub>	99.57	<b>0.03</b>	-0.41	0.00	0.95	0.15	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	65.59	<b>-0.01</b>	0.11	0.00	0.52	-0.02	CO 15
			max V <sub>z</sub>	19.98	0.00	<b>0.19</b>	0.00	0.11	0.00	CO 1
			min V <sub>z</sub>	99.57	0.03	<b>-0.41</b>	0.00	0.95	0.15	CO 12
			max M <sub>T</sub>	13.70	0.00	0.19	<b>0.00</b>	0.08	-0.02	CO 9
			min M <sub>T</sub>	126.31	0.00	-0.03	<b>0.00</b>	1.03	0.02	CO 17
			max M <sub>y</sub>	123.62	0.02	-0.29	0.00	<b>1.10</b>	0.10	CO 18
			min M <sub>y</sub>	13.70	0.00	0.19	0.00	<b>0.08</b>	-0.02	CO 9
			max M <sub>z</sub>	99.57	0.03	-0.41	0.00	0.95	<b>0.15</b>	CO 12
			min M <sub>z</sub>	13.70	0.00	0.19	0.00	0.08	<b>-0.02</b>	CO 9
	550	3.635	max N	<b>126.32</b>	0.00	-0.24	0.00	0.79	0.01	CO 17
			min N	<b>13.72</b>	0.00	-0.24	0.00	0.03	-0.01	CO 9
			max V <sub>y</sub>	15.46	<b>0.02</b>	-0.70	0.00	-0.64	0.10	CO 8
			min V <sub>y</sub>	13.72	<b>0.00</b>	-0.24	0.00	0.03	-0.01	CO 9
			max V <sub>z</sub>	19.99	0.00	<b>-0.23</b>	0.00	0.07	0.00	CO 1
			min V <sub>z</sub>	99.59	0.01	<b>-0.76</b>	0.00	-0.08	0.11	CO 12
			max M <sub>T</sub>	13.72	0.00	-0.24	<b>0.00</b>	0.03	-0.01	CO 9
			min M <sub>T</sub>	126.32	0.00	-0.24	<b>0.00</b>	0.79	0.01	CO 17
			max M <sub>y</sub>	126.32	0.00	-0.24	0.00	<b>0.79</b>	0.01	CO 17
			min M <sub>y</sub>	15.46	0.02	-0.70	0.00	<b>-0.64</b>	0.10	CO 8
			max M <sub>z</sub>	99.59	0.01	-0.76	0.00	-0.08	<b>0.11</b>	CO 12
			min M <sub>z</sub>	13.72	0.00	-0.24	0.00	0.03	<b>-0.01</b>	CO 9
		1.817	Max N	<b>127.27</b>	-0.01	0.24	0.00	1.11	0.01	CO 17
	552	0.000	Min N	<b>11.81</b>	-0.05	-0.16	-0.01	0.58	-0.01	CO 8
		1.817	Max V <sub>y</sub>	99.57	<b>0.03</b>	-0.41	0.00	0.95	0.15	CO 12
		1.817	Min V <sub>y</sub>	96.49	<b>-0.06</b>	-0.30	-0.02	0.68	0.09	CO 12
	552	0.000	Max V <sub>z</sub>	99.06	0.00	<b>0.58</b>	0.00	0.18	-0.01	CO 13
	550	3.635	Min V <sub>z</sub>	99.59	0.01	<b>-0.76</b>	0.00	-0.08	0.11	CO 12
		1.590	Max M <sub>T</sub>	14.34	0.01	0.01	<b>0.00</b>	0.14	-0.02	CO 9
	552	0.000	Min M <sub>T</sub>	96.48	-0.05	-0.01	<b>-0.02</b>	0.95	-0.01	CO 12
		1.817	Max M <sub>y</sub>	123.78	0.00	0.30	0.00	<b>1.12</b>	-0.01	CO 19
	550	3.635	Min M <sub>y</sub>	15.46	0.02	-0.70	0.00	<b>-0.64</b>	0.10	CO 8
		1.817	Max M <sub>z</sub>	99.57	0.03	-0.41	0.00	0.95	<b>0.15</b>	CO 12
		1.817	Min M <sub>z</sub>	13.70	0.00	0.19	0.00	0.08	<b>-0.02</b>	CO 9
98	557	0.000	max N	<b>104.86</b>	0.00	0.16	0.00	0.71	0.00	CO 17
			min N	<b>5.01</b>	-0.01	-0.26	0.01	0.68	-0.01	CO 8
			max V <sub>y</sub>	78.95	<b>0.00</b>	0.17	0.00	0.55	-0.01	CO 13
			min V <sub>y</sub>	77.12	<b>-0.01</b>	-0.31	0.01	1.20	-0.01	CO 12
			max V <sub>z</sub>	13.71	0.00	<b>0.20</b>	0.00	0.06	0.00	CO 1
			min V <sub>z</sub>	77.12	-0.01	<b>-0.31</b>	0.01	1.20	-0.01	CO 12
			max M <sub>T</sub>	77.12	-0.01	-0.31	<b>0.01</b>	1.20	-0.01	CO 12
			min M <sub>T</sub>	6.81	0.00	0.19	<b>0.00</b>	0.04	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	77.12	-0.01	-0.31	0.01	<b>1.20</b>	-0.01	CO 12
			min M <sub>y</sub>	6.81	0.00	0.19	0.00	<b>0.04</b>	0.00	CO 9
			max M <sub>z</sub>	13.71	0.00	0.20	0.00	0.06	<b>0.00</b>	CO 1
			min M <sub>z</sub>	77.12	-0.01	-0.31	0.01	1.20	<b>-0.01</b>	CO 12
		1.817	max N	<b>104.87</b>	0.00	-0.13	0.00	0.73	0.00	CO 17
			min N	<b>5.03</b>	-0.01	-0.69	0.01	-0.19	0.00	CO 8
			max V <sub>y</sub>	78.97	<b>0.00</b>	-0.18	0.00	0.55	-0.01	CO 13
			min V <sub>y</sub>	5.03	<b>-0.01</b>	-0.69	0.01	-0.19	0.00	CO 8
			max V <sub>z</sub>	104.87	0.00	<b>-0.13</b>	0.00	0.73	0.00	CO 17
			min V <sub>z</sub>	5.03	-0.01	<b>-0.69</b>	0.01	-0.19	0.00	CO 8
			max M <sub>T</sub>	77.13	-0.01	-0.63	<b>0.01</b>	0.37	0.00	CO 12
			min M <sub>T</sub>	6.82	0.00	-0.24	<b>0.00</b>	-0.01	0.00	CO 9
			max M <sub>y</sub>	104.87	0.00	-0.13	0.00	<b>0.73</b>	0.00	CO 17
			min M <sub>y</sub>	5.03	-0.01	-0.69	0.01	<b>-0.19</b>	0.00	CO 8
			max M <sub>z</sub>	5.03	-0.01	-0.69	0.01	-0.19	<b>0.00</b>	CO 8
			min M <sub>z</sub>	78.97	0.00	-0.18	0.00	0.55	<b>-0.01</b>	CO 13
			max N	<b>104.89</b>	0.00	0.12	0.00	0.74	0.00	CO 17
			min N	<b>6.73</b>	0.00	0.26	0.00	-0.02	0.00	CO 9
			max V <sub>y</sub>	6.73	<b>0.00</b>	0.26	0.00	-0.02	0.00	CO 9
			min V <sub>y</sub>	8.91	<b>-0.01</b>	-0.22	0.01	0.16	-0.01	CO 8
			max V <sub>z</sub>	6.73	0.00	<b>0.26</b>	0.00	-0.02	0.00	CO 9
			min V <sub>z</sub>	81.11	-0.01	<b>-0.29</b>	0.01	0.72	-0.01	CO 12
			max M <sub>T</sub>	81.11	-0.01	-0.29	<b>0.01</b>	0.72	-0.01	CO 12
			min M <sub>T</sub>	78.89	0.00	0.19	<b>0.00</b>	0.54	-0.01	CO 13
			max M <sub>y</sub>	102.04	0.00	-0.14	0.01	<b>0.82</b>	0.00	CO 18
			min M <sub>y</sub>	6.73	0.00	0.26	0.00	<b>-0.02</b>	0.00	CO 9
			max M <sub>z</sub>	13.73	0.00	0.23	0.00	0.03	<b>0.00</b>	CO 1
			min M <sub>z</sub>	78.89	0.00	0.19	0.00	0.54	<b>-0.01</b>	CO 13
	551	3.635	max N	<b>104.90</b>	0.00	-0.17	0.00	0.70	0.00	CO 17
			min N	<b>6.74</b>	0.00	-0.17	0.00	0.07	0.00	CO 9
			max V <sub>y</sub>	104.90	<b>0.00</b>	-0.17	0.00	0.70	0.00	CO 17
			min V <sub>y</sub>	8.92	<b>-0.01</b>	-0.65	0.01	-0.62	0.01	CO 8
			max V <sub>z</sub>	100.72	0.00	<b>-0.15</b>	0.00	0.70	0.00	CO 19
			min V <sub>z</sub>	81.12	-0.01	<b>-0.67</b>	0.01	-0.13	0.00	CO 12
			max M <sub>T</sub>	81.12	-0.01	-0.67	<b>0.01</b>	-0.13	0.00	CO 12
			min M <sub>T</sub>	78.91	0.00	-0.15	<b>0.00</b>	0.57	-0.01	CO 13
			max M <sub>y</sub>	100.72	0.00	-0.15	0.00	<b>0.70</b>	0.00	CO 19
			min M <sub>y</sub>	8.92	-0.01	-0.65	0.01	<b>-0.62</b>	0.01	CO 8
			max M <sub>z</sub>	8.92	-0.01	-0.65	0.01	-0.62	<b>0.01</b>	CO 8
			min M <sub>z</sub>	78.91	0.00	-0.15	0.00	0.57	<b>-0.01</b>	CO 13
	551	3.635	Max N	<b>104.90</b>	0.00	-0.17	0.00	0.70	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	557	0.000	Min N	<b>5.01</b>	-0.01	-0.26	0.01	0.68	-0.01	CO 8
		1.817	Max V <sub>y</sub>	78.97	<b>0.00</b>	-0.18	0.00	0.55	-0.01	CO 13
	557	0.000	Min V <sub>y</sub>	77.12	<b>-0.01</b>	-0.31	0.01	1.20	-0.01	CO 12
		1.817	Max V <sub>z</sub>	6.73	0.00	<b>0.26</b>	0.00	-0.02	0.00	CO 9
		1.817	Min V <sub>z</sub>	5.03	-0.01	<b>-0.69</b>	0.01	-0.19	0.00	CO 8
		1.817	Max M <sub>T</sub>	81.11	-0.01	-0.29	<b>0.01</b>	0.72	-0.01	CO 12
		3.116	Min M <sub>T</sub>	78.90	0.00	-0.06	<b>0.00</b>	0.63	-0.01	CO 13
	557	0.000	Max M <sub>y</sub>	77.12	-0.01	-0.31	0.01	<b>1.20</b>	-0.01	CO 12
	551	3.635	Min M <sub>y</sub>	8.92	-0.01	-0.65	0.01	<b>-0.62</b>	0.01	CO 8
	551	3.635	Max M <sub>z</sub>	8.92	-0.01	-0.65	0.01	-0.62	<b>0.01</b>	CO 8
	557	0.000	Min M <sub>z</sub>	77.12	-0.01	-0.31	0.01	1.20	<b>-0.01</b>	CO 12
99	1495	0.000	max N	<b>126.76</b>	0.01	0.45	0.00	0.55	0.00	CO 17
			min N	<b>12.47</b>	0.04	-0.07	0.00	0.43	0.02	CO 8
			max V <sub>y</sub>	96.78	<b>0.04</b>	0.07	0.00	0.84	0.02	CO 12
			min V <sub>y</sub>	15.06	<b>-0.01</b>	0.44	0.01	-0.29	0.00	CO 9
			max V <sub>z</sub>	99.41	0.00	<b>0.62</b>	0.01	0.11	0.00	CO 13
			min V <sub>z</sub>	12.47	0.04	<b>-0.07</b>	0.00	0.43	0.02	CO 8
			max M <sub>T</sub>	99.41	0.00	0.62	<b>0.01</b>	0.11	0.00	CO 13
			min M <sub>T</sub>	12.47	0.04	-0.07	<b>0.00</b>	0.43	0.02	CO 8
			max M <sub>y</sub>	96.78	0.04	0.07	0.00	<b>0.84</b>	0.02	CO 12
			min M <sub>y</sub>	15.06	-0.01	0.44	0.01	<b>-0.29</b>	0.00	CO 9
			max M <sub>z</sub>	96.78	0.04	0.07	0.00	0.84	<b>0.02</b>	CO 12
			min M <sub>z</sub>	20.08	0.00	0.28	0.00	0.01	<b>0.00</b>	CO 1
		1.817	max N	<b>126.77</b>	0.01	0.22	0.00	1.13	-0.01	CO 17
			min N	<b>12.48</b>	0.04	-0.50	0.00	-0.08	-0.05	CO 8
			max V <sub>y</sub>	96.79	<b>0.04</b>	-0.22	0.00	0.71	-0.06	CO 12
			min V <sub>y</sub>	15.07	<b>-0.01</b>	0.01	0.01	0.12	0.01	CO 9
			max V <sub>z</sub>	123.72	0.00	<b>0.31</b>	0.00	1.13	0.00	CO 19
			min V <sub>z</sub>	12.48	0.04	<b>-0.50</b>	0.00	-0.08	-0.05	CO 8
			max M <sub>T</sub>	99.42	0.00	0.28	<b>0.01</b>	0.91	0.00	CO 13
			min M <sub>T</sub>	12.48	0.04	-0.50	<b>0.00</b>	-0.08	-0.05	CO 8
			max M <sub>y</sub>	126.77	0.01	0.22	0.00	<b>1.13</b>	-0.01	CO 17
			min M <sub>y</sub>	12.48	0.04	-0.50	0.00	<b>-0.08</b>	-0.05	CO 8
			max M <sub>z</sub>	15.07	-0.01	0.01	0.01	0.12	<b>0.01</b>	CO 9
			min M <sub>z</sub>	96.79	0.04	-0.22	0.00	0.71	<b>-0.06</b>	CO 12
			max N	<b>125.78</b>	0.00	0.00	0.00	1.05	-0.01	CO 17
			min N	<b>14.28</b>	0.00	0.17	0.01	0.05	0.01	CO 9
			max V <sub>y</sub>	14.28	<b>0.00</b>	0.17	0.01	0.05	0.01	CO 9
			min V <sub>y</sub>	99.22	<b>-0.04</b>	-0.33	-0.02	0.92	-0.13	CO 12
			max V <sub>z</sub>	19.90	0.00	<b>0.20</b>	0.00	0.11	0.00	CO 1
			min V <sub>z</sub>	99.22	-0.04	<b>-0.33</b>	-0.02	0.92	-0.13	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	14.28	0.00	0.17	<b>0.01</b>	0.05	0.01	CO 9
			min M <sub>T</sub>	99.22	-0.04	-0.33	<b>-0.02</b>	0.92	-0.13	CO 12
			max M <sub>y</sub>	123.13	-0.03	-0.23	-0.01	<b>1.09</b>	-0.08	CO 18
			min M <sub>y</sub>	14.28	0.00	0.17	0.01	<b>0.05</b>	0.01	CO 9
			max M <sub>z</sub>	14.28	0.00	0.17	0.01	0.05	<b>0.01</b>	CO 9
			min M <sub>z</sub>	99.22	-0.04	-0.33	-0.02	0.92	<b>-0.13</b>	CO 12
	563	3.635	max N	<b>125.79</b>	0.00	-0.21	0.00	0.87	-0.01	CO 17
			min N	<b>14.29</b>	0.00	-0.25	0.01	-0.02	0.01	CO 9
			max V <sub>y</sub>	14.29	<b>0.00</b>	-0.25	0.01	-0.02	0.01	CO 9
			min V <sub>y</sub>	15.50	<b>-0.03</b>	-0.64	-0.02	-0.58	-0.06	CO 8
			max V <sub>z</sub>	125.79	0.00	<b>-0.21</b>	0.00	0.87	-0.01	CO 17
			min V <sub>z</sub>	99.23	-0.02	<b>-0.67</b>	-0.02	0.03	-0.07	CO 12
			max M <sub>T</sub>	14.29	0.00	-0.25	<b>0.01</b>	-0.02	0.01	CO 9
			min M <sub>T</sub>	99.23	-0.02	-0.67	<b>-0.02</b>	0.03	-0.07	CO 12
			max M <sub>y</sub>	125.79	0.00	-0.21	0.00	<b>0.87</b>	-0.01	CO 17
			min M <sub>y</sub>	15.50	-0.03	-0.64	-0.02	<b>-0.58</b>	-0.06	CO 8
			max M <sub>z</sub>	14.29	0.00	-0.25	0.01	-0.02	<b>0.01</b>	CO 9
			min M <sub>z</sub>	99.23	-0.02	-0.67	-0.02	0.03	<b>-0.07</b>	CO 12
		1.817	Max N	<b>126.77</b>	0.01	0.22	0.00	1.13	-0.01	CO 17
	1495	0.000	Min N	<b>12.47</b>	0.04	-0.07	0.00	0.43	0.02	CO 8
		1.817	Max V <sub>y</sub>	96.79	<b>0.04</b>	-0.22	0.00	0.71	-0.06	CO 12
		1.817	Min V <sub>y</sub>	99.22	<b>-0.04</b>	-0.33	-0.02	0.92	-0.13	CO 12
	1495	0.000	Max V <sub>z</sub>	99.41	0.00	<b>0.62</b>	0.01	0.11	0.00	CO 13
	563	3.635	Min V <sub>z</sub>	99.23	-0.02	<b>-0.67</b>	-0.02	0.03	-0.07	CO 12
		2.596	Max M <sub>T</sub>	14.29	0.00	-0.01	<b>0.01</b>	0.11	0.01	CO 9
		1.817	Min M <sub>T</sub>	99.22	-0.04	-0.33	<b>-0.02</b>	0.92	-0.13	CO 12
		1.817	Max M <sub>y</sub>	126.77	0.01	0.22	0.00	<b>1.13</b>	-0.01	CO 17
	563	3.635	Min M <sub>y</sub>	15.50	-0.03	-0.64	-0.02	<b>-0.58</b>	-0.06	CO 8
	1495	0.000	Max M <sub>z</sub>	96.78	0.04	0.07	0.00	0.84	<b>0.02</b>	CO 12
		1.817	Min M <sub>z</sub>	99.22	-0.04	-0.33	-0.02	0.92	<b>-0.13</b>	CO 12
100	1497	0.000	max N	<b>105.13</b>	0.00	0.18	0.00	0.67	0.00	CO 17
			min N	<b>5.28</b>	0.02	-0.20	0.03	0.59	0.04	CO 8
			max V <sub>y</sub>	77.58	<b>0.02</b>	-0.23	0.03	1.09	0.04	CO 12
			min V <sub>y</sub>	7.64	<b>0.00</b>	0.22	0.00	-0.07	-0.01	CO 9
			max V <sub>z</sub>	52.13	0.00	<b>0.23</b>	0.00	0.23	-0.01	CO 15
			min V <sub>z</sub>	77.58	0.02	<b>-0.23</b>	0.03	1.09	0.04	CO 12
			max M <sub>T</sub>	77.58	0.02	-0.23	<b>0.03</b>	1.09	0.04	CO 12
			min M <sub>T</sub>	7.64	0.00	0.22	<b>0.00</b>	-0.07	-0.01	CO 9
			max M <sub>y</sub>	77.58	0.02	-0.23	0.03	<b>1.09</b>	0.04	CO 12
			min M <sub>y</sub>	7.64	0.00	0.22	0.00	<b>-0.07</b>	-0.01	CO 9
			max M <sub>z</sub>	77.58	0.02	-0.23	0.03	1.09	<b>0.04</b>	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	7.64	0.00	0.22	0.00	-0.07	<b>-0.01</b>	CO 9
		1.817	max N	<b>105.14</b>	0.00	-0.11	0.00	0.74	0.00	CO 17
			min N	<b>5.30</b>	0.02	-0.63	0.02	-0.16	0.00	CO 8
			max V <sub>y</sub>	5.30	<b>0.02</b>	-0.63	0.02	-0.16	0.00	CO 8
			min V <sub>y</sub>	7.66	<b>0.00</b>	-0.21	0.00	-0.06	-0.01	CO 9
			max V <sub>z</sub>	101.45	0.00	<b>-0.11</b>	0.00	0.69	0.00	CO 19
			min V <sub>z</sub>	5.30	0.02	<b>-0.63</b>	0.02	-0.16	0.00	CO 8
			max M <sub>T</sub>	77.59	0.02	-0.55	<b>0.03</b>	0.40	0.00	CO 12
			min M <sub>T</sub>	7.66	0.00	-0.21	<b>0.00</b>	-0.06	-0.01	CO 9
			max M <sub>y</sub>	105.14	0.00	-0.11	0.00	<b>0.74</b>	0.00	CO 17
			min M <sub>y</sub>	5.30	0.02	-0.63	0.02	<b>-0.16</b>	0.00	CO 8
			max M <sub>z</sub>	105.14	0.00	-0.11	0.00	0.74	<b>0.00</b>	CO 17
			min M <sub>z</sub>	79.93	0.00	-0.14	0.00	0.50	<b>-0.01</b>	CO 13
			max N	<b>105.16</b>	0.00	0.10	0.00	0.74	0.00	CO 17
			min N	<b>7.57</b>	0.00	0.23	0.00	-0.07	-0.01	CO 9
			max V <sub>y</sub>	81.00	<b>0.02</b>	-0.24	0.03	0.70	0.01	CO 12
			min V <sub>y</sub>	79.86	<b>0.00</b>	0.15	0.00	0.49	-0.01	CO 13
			max V <sub>z</sub>	7.57	0.00	<b>0.23</b>	0.00	-0.07	-0.01	CO 9
			min V <sub>z</sub>	81.00	0.02	<b>-0.24</b>	0.03	0.70	0.01	CO 12
			max M <sub>T</sub>	81.00	0.02	-0.24	<b>0.03</b>	0.70	0.01	CO 12
			min M <sub>T</sub>	79.86	0.00	0.15	<b>0.00</b>	0.49	-0.01	CO 13
			max M <sub>y</sub>	102.12	0.01	-0.12	0.02	<b>0.81</b>	0.01	CO 18
			min M <sub>y</sub>	7.57	0.00	0.23	0.00	<b>-0.07</b>	-0.01	CO 9
			max M <sub>z</sub>	81.00	0.02	-0.24	0.03	0.70	<b>0.01</b>	CO 12
			min M <sub>z</sub>	79.86	0.00	0.15	0.00	0.49	<b>-0.01</b>	CO 13
	1494	3.635	max N	<b>105.18</b>	0.00	-0.19	0.00	0.66	0.00	CO 17
			min N	<b>7.58</b>	0.00	-0.20	0.00	-0.04	-0.01	CO 9
			max V <sub>y</sub>	81.02	<b>0.02</b>	-0.61	0.03	-0.06	-0.03	CO 12
			min V <sub>y</sub>	79.87	<b>0.00</b>	-0.21	0.00	0.44	-0.01	CO 13
			max V <sub>z</sub>	105.18	0.00	<b>-0.19</b>	0.00	0.66	0.00	CO 17
			min V <sub>z</sub>	81.02	0.02	<b>-0.61</b>	0.03	-0.06	-0.03	CO 12
			max M <sub>T</sub>	81.02	0.02	-0.61	<b>0.03</b>	-0.06	-0.03	CO 12
			min M <sub>T</sub>	79.87	0.00	-0.21	<b>0.00</b>	0.44	-0.01	CO 13
			max M <sub>y</sub>	105.18	0.00	-0.19	0.00	<b>0.66</b>	0.00	CO 17
			min M <sub>y</sub>	8.64	0.02	-0.59	0.02	<b>-0.53</b>	-0.03	CO 8
			max M <sub>z</sub>	105.18	0.00	-0.19	0.00	0.66	<b>0.00</b>	CO 17
			min M <sub>z</sub>	8.64	0.02	-0.59	0.02	-0.53	<b>-0.03</b>	CO 8
	1494	3.635	Max N	<b>105.18</b>	0.00	-0.19	0.00	0.66	0.00	CO 17
	1497	0.000	Min N	<b>5.28</b>	0.02	-0.20	0.03	0.59	0.04	CO 8
	1497	0.000	Max V <sub>y</sub>	77.58	<b>0.02</b>	-0.23	0.03	1.09	0.04	CO 12
		1.817	Min V <sub>y</sub>	79.86	<b>0.00</b>	0.15	0.00	0.49	-0.01	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.817	Max V <sub>z</sub>	7.57	0.00	<b>0.23</b>	0.00	-0.07	-0.01	CO 9
		1.817	Min V <sub>z</sub>	5.30	0.02	<b>-0.63</b>	0.02	-0.16	0.00	CO 8
	1497	0.000	Max M <sub>T</sub>	77.58	0.02	-0.23	<b>0.03</b>	1.09	0.04	CO 12
		2.856	Min M <sub>T</sub>	79.87	0.00	-0.05	<b>0.00</b>	0.54	-0.01	CO 13
	1497	0.000	Max M <sub>y</sub>	77.58	0.02	-0.23	0.03	<b>1.09</b>	0.04	CO 12
	1494	3.635	Min M <sub>y</sub>	8.64	0.02	-0.59	0.02	<b>-0.53</b>	-0.03	CO 8
	1497	0.000	Max M <sub>z</sub>	77.58	0.02	-0.23	0.03	1.09	<b>0.04</b>	CO 12
	1494	3.635	Min M <sub>z</sub>	8.64	0.02	-0.59	0.02	-0.53	<b>-0.03</b>	CO 8
101	1510	0.000	max N	<b>149.07</b>	-0.02	0.30	-0.01	0.82	-0.02	CO 17
			min N	<b>5.91</b>	-0.01	0.36	0.01	-0.28	-0.02	CO 9
			max V <sub>y</sub>	27.68	<b>-0.01</b>	0.23	0.00	0.11	-0.01	CO 1
			min V <sub>y</sub>	117.16	<b>-0.03</b>	0.09	-0.02	0.89	-0.02	CO 12
			max V <sub>z</sub>	102.37	-0.02	<b>0.47</b>	0.01	0.26	-0.04	CO 13
			min V <sub>z</sub>	20.70	-0.02	<b>0.02</b>	-0.02	0.33	-0.01	CO 8
			max M <sub>T</sub>	5.91	-0.01	0.36	<b>0.01</b>	-0.28	-0.02	CO 9
			min M <sub>T</sub>	117.16	-0.03	0.09	<b>-0.02</b>	0.89	-0.02	CO 12
			max M <sub>y</sub>	144.81	-0.03	0.17	-0.02	<b>0.96</b>	-0.02	CO 18
			min M <sub>y</sub>	5.91	-0.01	0.36	0.01	<b>-0.28</b>	-0.02	CO 9
			max M <sub>z</sub>	20.70	-0.02	0.02	-0.02	0.33	<b>-0.01</b>	CO 8
			min M <sub>z</sub>	102.37	-0.02	0.47	0.01	0.26	<b>-0.04</b>	CO 13
		1.817	max N	<b>149.08</b>	-0.02	0.15	-0.01	1.21	0.02	CO 17
			min N	<b>5.92</b>	-0.01	-0.07	0.01	-0.01	0.00	CO 9
			max V <sub>y</sub>	27.69	<b>-0.01</b>	-0.19	0.00	0.15	0.01	CO 1
			min V <sub>y</sub>	117.17	<b>-0.03</b>	-0.16	-0.02	0.82	0.03	CO 12
			max V <sub>z</sub>	135.95	-0.02	<b>0.19</b>	0.00	1.11	0.01	CO 19
			min V <sub>z</sub>	20.72	-0.02	<b>-0.40</b>	-0.02	-0.02	0.02	CO 8
			max M <sub>T</sub>	5.92	-0.01	-0.07	<b>0.01</b>	-0.01	0.00	CO 9
			min M <sub>T</sub>	117.17	-0.03	-0.16	<b>-0.02</b>	0.82	0.03	CO 12
			max M <sub>y</sub>	149.08	-0.02	0.15	-0.01	<b>1.21</b>	0.02	CO 17
			min M <sub>y</sub>	20.72	-0.02	-0.40	-0.02	<b>-0.02</b>	0.02	CO 8
			max M <sub>z</sub>	117.17	-0.03	-0.16	-0.02	0.82	<b>0.03</b>	CO 12
			min M <sub>z</sub>	5.92	-0.01	-0.07	0.01	-0.01	<b>0.00</b>	CO 9
			max N	<b>135.60</b>	0.01	-0.10	0.00	1.22	0.01	CO 17
			min N	<b>0.99</b>	0.00	0.15	0.01	-0.03	-0.01	CO 9
			max V <sub>y</sub>	135.60	<b>0.01</b>	-0.10	0.00	1.22	0.01	CO 17
			min V <sub>y</sub>	18.29	<b>-0.01</b>	-0.11	-0.02	0.19	0.02	CO 8
			max V <sub>z</sub>	23.17	0.00	<b>0.17</b>	0.00	0.17	0.00	CO 1
			min V <sub>z</sub>	107.38	-0.01	<b>-0.30</b>	-0.02	1.02	0.03	CO 12
			max M <sub>T</sub>	0.99	0.00	0.15	<b>0.01</b>	-0.03	-0.01	CO 9
			min M <sub>T</sub>	107.38	-0.01	-0.30	<b>-0.02</b>	1.02	0.03	CO 12
			max M <sub>y</sub>	132.64	0.00	-0.26	-0.01	<b>1.23</b>	0.02	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	0.99	0.00	0.15	0.01	<b>-0.03</b>	-0.01	CO 9
			max M <sub>z</sub>	107.38	-0.01	-0.30	-0.02	1.02	<b>0.03</b>	CO 12
			min M <sub>z</sub>	35.76	0.00	0.09	0.01	0.29	<b>-0.01</b>	CO 11
	1508	3.635	max N	<b>135.61</b>	0.01	-0.27	0.00	0.89	0.00	CO 17
			min N	<b>1.00</b>	0.00	-0.28	0.01	-0.15	-0.01	CO 9
			max V <sub>y</sub>	135.61	<b>0.01</b>	-0.27	0.00	0.89	0.00	CO 17
			min V <sub>y</sub>	18.30	<b>-0.01</b>	-0.54	-0.02	-0.40	0.04	CO 8
			max V <sub>z</sub>	23.18	0.00	<b>-0.26</b>	0.00	0.09	0.00	CO 1
			min V <sub>z</sub>	107.39	-0.01	<b>-0.60</b>	-0.02	0.22	0.05	CO 12
			max M <sub>T</sub>	1.00	0.00	-0.28	<b>0.01</b>	-0.15	-0.01	CO 9
			min M <sub>T</sub>	107.39	-0.01	-0.60	<b>-0.02</b>	0.22	0.05	CO 12
			max M <sub>y</sub>	135.61	0.01	-0.27	0.00	<b>0.89</b>	0.00	CO 17
			min M <sub>y</sub>	18.30	-0.01	-0.54	-0.02	<b>-0.40</b>	0.04	CO 8
			max M <sub>z</sub>	107.39	-0.01	-0.60	-0.02	0.22	<b>0.05</b>	CO 12
			min M <sub>z</sub>	35.77	0.00	-0.33	0.01	0.08	<b>-0.01</b>	CO 11
		1.817	Max N	<b>149.08</b>	-0.02	0.15	-0.01	1.21	0.02	CO 17
		1.817	Min N	<b>0.99</b>	0.00	0.15	0.01	-0.03	-0.01	CO 9
		1.817	Max V <sub>y</sub>	135.60	<b>0.01</b>	-0.10	0.00	1.22	0.01	CO 17
		1.817	Min V <sub>y</sub>	117.17	<b>-0.03</b>	-0.16	-0.02	0.82	0.03	CO 12
	1510	0.000	Max V <sub>z</sub>	102.37	-0.02	<b>0.47</b>	0.01	0.26	-0.04	CO 13
	1508	3.635	Min V <sub>z</sub>	107.39	-0.01	<b>-0.60</b>	-0.02	0.22	0.05	CO 12
		2.337	Max M <sub>T</sub>	1.00	0.00	0.03	<b>0.01</b>	0.02	-0.01	CO 9
	1510	0.000	Min M <sub>T</sub>	117.16	-0.03	0.09	<b>-0.02</b>	0.89	-0.02	CO 12
		1.817	Max M <sub>y</sub>	132.64	0.00	-0.26	-0.01	<b>1.23</b>	0.02	CO 18
	1508	3.635	Min M <sub>y</sub>	18.30	-0.01	-0.54	-0.02	<b>-0.40</b>	0.04	CO 8
	1508	3.635	Max M <sub>z</sub>	107.39	-0.01	-0.60	-0.02	0.22	<b>0.05</b>	CO 12
	1510	0.000	Min M <sub>z</sub>	102.37	-0.02	0.47	0.01	0.26	<b>-0.04</b>	CO 13
102	1522	0.000	max N	<b>104.85</b>	0.00	0.16	0.00	0.71	0.00	CO 17
			min N	<b>-8.84</b>	0.00	0.20	0.00	-0.17	0.00	CO 9
			max V <sub>y</sub>	77.90	<b>0.02</b>	-0.11	0.04	0.94	0.04	CO 12
			min V <sub>y</sub>	77.11	<b>0.00</b>	0.18	0.00	0.51	0.00	CO 16
			max V <sub>z</sub>	35.52	0.00	<b>0.21</b>	0.00	0.14	0.00	CO 15
			min V <sub>z</sub>	77.90	0.02	<b>-0.11</b>	0.04	0.94	0.04	CO 12
			max M <sub>T</sub>	77.90	0.02	-0.11	<b>0.04</b>	0.94	0.04	CO 12
			min M <sub>T</sub>	-8.84	0.00	0.20	<b>0.00</b>	-0.17	0.00	CO 9
			max M <sub>y</sub>	77.90	0.02	-0.11	0.04	<b>0.94</b>	0.04	CO 12
			min M <sub>y</sub>	-8.84	0.00	0.20	0.00	<b>-0.17</b>	0.00	CO 9
			max M <sub>z</sub>	77.90	0.02	-0.11	0.04	0.94	<b>0.04</b>	CO 12
			min M <sub>z</sub>	35.52	0.00	0.21	0.00	0.14	<b>0.00</b>	CO 15
		1.817	max N	<b>104.86</b>	0.00	-0.13	0.00	0.75	0.00	CO 17
			min N	<b>-8.82</b>	0.00	-0.22	0.00	-0.19	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	5.79	<b>0.02</b>	-0.50	0.04	-0.11	0.00	CO 8
			min V <sub>y</sub>	104.86	<b>0.00</b>	-0.13	0.00	0.75	0.00	CO 17
			max V <sub>z</sub>	104.86	0.00	<b>-0.13</b>	0.00	0.75	0.00	CO 17
			min V <sub>z</sub>	5.79	0.02	<b>-0.50</b>	0.04	-0.11	0.00	CO 8
			max M <sub>T</sub>	77.92	0.02	-0.44	<b>0.04</b>	0.45	0.00	CO 12
			min M <sub>T</sub>	-8.82	0.00	-0.22	<b>0.00</b>	-0.19	0.00	CO 9
			max M <sub>y</sub>	104.86	0.00	-0.13	0.00	<b>0.75</b>	0.00	CO 17
			min M <sub>y</sub>	-8.82	0.00	-0.22	0.00	<b>-0.19</b>	0.00	CO 9
			max M <sub>z</sub>	100.11	0.01	-0.29	0.03	0.66	<b>0.00</b>	CO 18
			min M <sub>z</sub>	63.26	0.00	-0.18	0.00	0.37	<b>-0.01</b>	CO 13
			max N	<b>104.90</b>	0.00	0.11	0.00	0.75	0.00	CO 17
			min N	<b>-8.95</b>	0.00	0.25	0.00	-0.20	0.00	CO 9
			max V <sub>y</sub>	80.26	<b>0.02</b>	-0.10	0.04	0.66	0.01	CO 12
			min V <sub>y</sub>	63.16	<b>0.00</b>	0.20	0.00	0.36	-0.01	CO 13
			max V <sub>z</sub>	-8.95	0.00	<b>0.25</b>	0.00	-0.20	0.00	CO 9
			min V <sub>z</sub>	80.26	0.02	<b>-0.10</b>	0.04	0.66	0.01	CO 12
			max M <sub>T</sub>	80.26	0.02	-0.10	<b>0.04</b>	0.66	0.01	CO 12
			min M <sub>T</sub>	63.16	0.00	0.20	<b>0.00</b>	0.36	-0.01	CO 13
			max M <sub>y</sub>	101.54	0.01	-0.04	0.03	<b>0.79</b>	0.01	CO 18
			min M <sub>y</sub>	-8.95	0.00	0.25	0.00	<b>-0.20</b>	0.00	CO 9
			max M <sub>z</sub>	80.26	0.02	-0.10	0.04	0.66	<b>0.01</b>	CO 12
			min M <sub>z</sub>	63.16	0.00	0.20	0.00	0.36	<b>-0.01</b>	CO 13
	1509	3.635	max N	<b>104.92</b>	0.00	-0.17	0.00	0.70	0.00	CO 17
			min N	<b>-8.93</b>	0.00	-0.18	0.00	-0.13	0.00	CO 9
			max V <sub>y</sub>	80.27	<b>0.02</b>	-0.47	0.04	0.15	-0.03	CO 12
			min V <sub>y</sub>	63.18	<b>0.00</b>	-0.19	0.00	0.37	0.00	CO 13
			max V <sub>z</sub>	104.92	0.00	<b>-0.17</b>	0.00	0.70	0.00	CO 17
			min V <sub>z</sub>	52.50	0.02	<b>-0.47</b>	0.04	-0.04	-0.03	CO 14
			max M <sub>T</sub>	80.27	0.02	-0.47	<b>0.04</b>	0.15	-0.03	CO 12
			min M <sub>T</sub>	63.18	0.00	-0.19	<b>0.00</b>	0.37	0.00	CO 13
			max M <sub>y</sub>	104.92	0.00	-0.17	0.00	<b>0.70</b>	0.00	CO 17
			min M <sub>y</sub>	8.08	0.02	-0.46	0.04	<b>-0.35</b>	-0.03	CO 8
			max M <sub>z</sub>	104.92	0.00	-0.17	0.00	0.70	<b>0.00</b>	CO 17
			min M <sub>z</sub>	8.08	0.02	-0.46	0.04	-0.35	<b>-0.03</b>	CO 8
	1509	3.635	Max N	<b>104.92</b>	0.00	-0.17	0.00	0.70	0.00	CO 17
		1.817	Min N	<b>-8.95</b>	0.00	0.25	0.00	-0.20	0.00	CO 9
	1522	0.000	Max V <sub>y</sub>	77.90	<b>0.02</b>	-0.11	0.04	0.94	0.04	CO 12
		1.817	Min V <sub>y</sub>	63.16	<b>0.00</b>	0.20	0.00	0.36	-0.01	CO 13
		1.817	Max V <sub>z</sub>	-8.95	0.00	<b>0.25</b>	0.00	-0.20	0.00	CO 9
		1.817	Min V <sub>z</sub>	5.79	0.02	<b>-0.50</b>	0.04	-0.11	0.00	CO 8
	1522	0.000	Max M <sub>T</sub>	77.90	0.02	-0.11	<b>0.04</b>	0.94	0.04	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		2.856	Min M <sub>T</sub>	63.17	0.00	-0.02	<b>0.00</b>	0.45	-0.01	CO 13
	1522	0.000	Max M <sub>y</sub>	77.90	0.02	-0.11	0.04	<b>0.94</b>	0.04	CO 12
	1509	3.635	Min M <sub>y</sub>	8.08	0.02	-0.46	0.04	<b>-0.35</b>	-0.03	CO 8
	1522	0.000	Max M <sub>z</sub>	77.90	0.02	-0.11	0.04	0.94	<b>0.04</b>	CO 12
	1509	3.635	Min M <sub>z</sub>	8.08	0.02	-0.46	0.04	-0.35	<b>-0.03</b>	CO 8
103	504	0.000	max N	<b>151.43</b>	0.00	0.28	-0.01	0.96	0.01	CO 17
			min N	<b>3.40</b>	0.02	-0.02	0.02	0.34	0.03	CO 8
			max V <sub>y</sub>	62.33	<b>0.02</b>	0.01	0.02	0.76	0.03	CO 14
			min V <sub>y</sub>	151.43	<b>0.00</b>	0.28	-0.01	0.96	0.01	CO 17
			max V <sub>z</sub>	120.31	0.00	<b>0.34</b>	-0.01	0.66	0.00	CO 13
			min V <sub>z</sub>	3.40	0.02	<b>-0.02</b>	0.02	0.34	0.03	CO 8
			max M <sub>T</sub>	3.40	0.02	-0.02	<b>0.02</b>	0.34	0.03	CO 8
			min M <sub>T</sub>	120.31	0.00	0.34	<b>-0.01</b>	0.66	0.00	CO 13
			max M <sub>y</sub>	136.16	0.01	0.11	0.01	<b>1.10</b>	0.02	CO 18
			min M <sub>y</sub>	23.05	0.00	0.30	-0.01	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	100.70	0.02	0.01	0.02	1.01	<b>0.03</b>	CO 12
			min M <sub>z</sub>	81.96	0.00	0.33	-0.01	0.41	<b>0.00</b>	CO 15
		1.817	max N	<b>151.45</b>	0.00	0.16	-0.01	1.34	0.01	CO 17
			min N	<b>3.41</b>	0.02	-0.45	0.02	-0.08	-0.01	CO 8
			max V <sub>y</sub>	3.41	<b>0.02</b>	-0.45	0.02	-0.08	-0.01	CO 8
			min V <sub>y</sub>	151.45	<b>0.00</b>	0.16	-0.01	1.34	0.01	CO 17
			max V <sub>z</sub>	147.93	0.00	<b>0.17</b>	-0.01	1.31	0.01	CO 19
			min V <sub>z</sub>	3.41	0.02	<b>-0.45</b>	0.02	-0.08	-0.01	CO 8
			max M <sub>T</sub>	3.41	0.02	-0.45	<b>0.02</b>	-0.08	-0.01	CO 8
			min M <sub>T</sub>	120.32	0.00	0.10	<b>-0.01</b>	1.05	0.01	CO 13
			max M <sub>y</sub>	151.45	0.00	0.16	-0.01	<b>1.34</b>	0.01	CO 17
			min M <sub>y</sub>	3.41	0.02	-0.45	0.02	<b>-0.08</b>	-0.01	CO 8
			max M <sub>z</sub>	151.45	0.00	0.16	-0.01	1.34	<b>0.01</b>	CO 17
			min M <sub>z</sub>	3.41	0.02	-0.45	0.02	-0.08	<b>-0.01</b>	CO 8
			max N	<b>152.48</b>	0.01	-0.40	0.00	1.43	0.01	CO 17
			min N	<b>4.36</b>	0.00	0.09	0.02	0.06	0.00	CO 8
			max V <sub>y</sub>	152.48	<b>0.01</b>	-0.40	0.00	1.43	0.01	CO 17
			min V <sub>y</sub>	4.36	<b>0.00</b>	0.09	0.02	0.06	0.00	CO 8
			max V <sub>z</sub>	29.07	0.00	<b>0.10</b>	0.00	0.23	0.00	CO 1
			min V <sub>z</sub>	149.16	0.01	<b>-0.45</b>	-0.01	1.42	0.01	CO 19
			max M <sub>T</sub>	4.36	0.00	0.09	<b>0.02</b>	0.06	0.00	CO 8
			min M <sub>T</sub>	121.54	0.00	-0.38	<b>-0.01</b>	1.16	0.01	CO 13
			max M <sub>y</sub>	152.48	0.01	-0.40	0.00	<b>1.43</b>	0.01	CO 17
			min M <sub>y</sub>	4.36	0.00	0.09	0.02	<b>0.06</b>	0.00	CO 8
			max M <sub>z</sub>	137.68	0.00	-0.38	0.01	1.33	<b>0.01</b>	CO 18
			min M <sub>z</sub>	29.07	0.00	0.10	0.00	0.23	<b>0.00</b>	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	473	3.635	max N	<b>152.49</b>	0.00	-0.55	0.00	0.61	0.00	CO 17
			min N	<b>4.37</b>	0.00	-0.34	0.02	-0.17	0.01	CO 8
			max V <sub>y</sub>	121.55	<b>0.00</b>	-0.65	-0.01	0.25	0.00	CO 13
			min V <sub>y</sub>	4.37	<b>0.00</b>	-0.34	0.02	-0.17	0.01	CO 8
			max V <sub>z</sub>	29.08	0.00	<b>-0.32</b>	0.00	0.03	0.00	CO 1
			min V <sub>z</sub>	121.55	0.00	<b>-0.65</b>	-0.01	0.25	0.00	CO 13
			max M <sub>T</sub>	4.37	0.00	-0.34	<b>0.02</b>	-0.17	0.01	CO 8
			min M <sub>T</sub>	121.55	0.00	-0.65	<b>-0.01</b>	0.25	0.00	CO 13
			max M <sub>y</sub>	152.49	0.00	-0.55	0.00	<b>0.61</b>	0.00	CO 17
			min M <sub>y</sub>	23.60	0.00	-0.43	-0.01	<b>-0.18</b>	0.00	CO 9
			max M <sub>z</sub>	102.40	0.00	-0.58	0.01	0.26	<b>0.01</b>	CO 12
			min M <sub>z</sub>	82.82	0.00	-0.54	-0.01	0.12	<b>0.00</b>	CO 15
	473	3.635	Max N	<b>152.49</b>	0.00	-0.55	0.00	0.61	0.00	CO 17
	504	0.000	Min N	<b>3.40</b>	0.02	-0.02	0.02	0.34	0.03	CO 8
	504	0.000	Max V <sub>y</sub>	62.33	<b>0.02</b>	0.01	0.02	0.76	0.03	CO 14
		1.817	Min V <sub>y</sub>	151.45	<b>0.00</b>	0.16	-0.01	1.34	0.01	CO 17
	504	0.000	Max V <sub>z</sub>	120.31	0.00	<b>0.34</b>	-0.01	0.66	0.00	CO 13
	473	3.635	Min V <sub>z</sub>	121.55	0.00	<b>-0.65</b>	-0.01	0.25	0.00	CO 13
	504	0.000	Max M <sub>T</sub>	3.40	0.02	-0.02	<b>0.02</b>	0.34	0.03	CO 8
		1.817	Min M <sub>T</sub>	120.32	0.00	0.10	<b>-0.01</b>	1.05	0.01	CO 13
		1.817	Max M <sub>y</sub>	152.48	0.01	-0.40	0.00	<b>1.43</b>	0.01	CO 17
	473	3.635	Min M <sub>y</sub>	23.60	0.00	-0.43	-0.01	<b>-0.18</b>	0.00	CO 9
	504	0.000	Max M <sub>z</sub>	100.70	0.02	0.01	0.02	1.01	<b>0.03</b>	CO 12
		1.817	Min M <sub>z</sub>	3.41	0.02	-0.45	0.02	-0.08	<b>-0.01</b>	CO 8
104	562	0.000	max N	<b>125.78</b>	0.00	0.20	0.00	0.88	-0.02	CO 17
			min N	<b>-6.04</b>	0.00	-0.17	0.01	0.48	0.09	CO 8
			max V <sub>y</sub>	77.68	<b>0.01</b>	-0.19	0.01	1.12	0.08	CO 12
			min V <sub>y</sub>	125.78	<b>0.00</b>	0.20	0.00	0.88	-0.02	CO 17
			max V <sub>z</sub>	46.15	0.01	<b>0.28</b>	-0.01	0.20	-0.02	CO 11
			min V <sub>z</sub>	77.68	0.01	<b>-0.19</b>	0.01	1.12	0.08	CO 12
			max M <sub>T</sub>	-6.04	0.00	-0.17	<b>0.01</b>	0.48	0.09	CO 8
			min M <sub>T</sub>	97.79	0.01	0.26	<b>-0.01</b>	0.60	-0.03	CO 13
			max M <sub>y</sub>	110.21	0.01	-0.05	0.01	<b>1.13</b>	0.04	CO 18
			min M <sub>y</sub>	14.09	0.01	0.27	-0.01	<b>-0.03</b>	-0.01	CO 9
			max M <sub>z</sub>	-6.04	0.00	-0.17	0.01	0.48	<b>0.09</b>	CO 8
			min M <sub>z</sub>	97.79	0.01	0.26	-0.01	0.60	<b>-0.03</b>	CO 13
		1.817	max N	<b>125.79</b>	0.00	-0.01	0.00	1.05	-0.02	CO 17
			min N	<b>-6.03</b>	0.00	-0.61	0.01	-0.23	0.08	CO 8
			max V <sub>y</sub>	97.80	<b>0.01</b>	-0.04	-0.01	0.80	-0.04	CO 13
			min V <sub>y</sub>	19.90	<b>0.00</b>	-0.20	0.00	0.11	0.00	CO 1
			max V <sub>z</sub>	122.28	0.01	<b>0.00</b>	-0.01	1.02	-0.03	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-6.03	0.00	<b>-0.61</b>	0.01	-0.23	0.08	CO 8
			max M <sub>T</sub>	-6.03	0.00	-0.61	<b>0.01</b>	-0.23	0.08	CO 8
			min M <sub>T</sub>	97.80	0.01	-0.04	<b>-0.01</b>	0.80	-0.04	CO 13
			max M <sub>y</sub>	125.79	0.00	-0.01	0.00	<b>1.05</b>	-0.02	CO 17
			min M <sub>y</sub>	-6.03	0.00	-0.61	0.01	<b>-0.23</b>	0.08	CO 8
			max M <sub>z</sub>	-6.03	0.00	-0.61	0.01	-0.23	<b>0.08</b>	CO 8
			min M <sub>z</sub>	97.80	0.01	-0.04	-0.01	0.80	<b>-0.04</b>	CO 13
			max N	<b>126.82</b>	-0.01	-0.23	0.00	1.14	0.00	CO 17
			min N	<b>-4.06</b>	0.03	0.01	0.02	0.01	0.04	CO 8
			max V <sub>y</sub>	-4.06	<b>0.03</b>	0.01	0.02	0.01	0.04	CO 8
			min V <sub>y</sub>	99.01	<b>-0.01</b>	-0.24	-0.01	0.90	-0.02	CO 13
			max V <sub>z</sub>	20.11	0.00	<b>0.15</b>	0.00	0.13	0.00	CO 1
			min V <sub>z</sub>	112.36	0.01	<b>-0.29</b>	0.01	1.06	0.02	CO 18
			max M <sub>T</sub>	-4.06	0.03	0.01	<b>0.02</b>	0.01	0.04	CO 8
			min M <sub>T</sub>	99.01	-0.01	-0.24	<b>-0.01</b>	0.90	-0.02	CO 13
			max M <sub>y</sub>	126.82	-0.01	-0.23	0.00	<b>1.14</b>	0.00	CO 17
			min M <sub>y</sub>	-4.06	0.03	0.01	0.02	<b>0.01</b>	0.04	CO 8
			max M <sub>z</sub>	-4.06	0.03	0.01	0.02	0.01	<b>0.04</b>	CO 8
			min M <sub>z</sub>	99.01	-0.01	-0.24	-0.01	0.90	<b>-0.02</b>	CO 13
	549	3.635	max N	<b>126.83</b>	-0.01	-0.46	0.00	0.53	0.01	CO 17
			min N	<b>-4.04</b>	0.03	-0.42	0.02	-0.37	-0.01	CO 8
			max V <sub>y</sub>	-4.04	<b>0.03</b>	-0.42	0.02	-0.37	-0.01	CO 8
			min V <sub>y</sub>	99.02	<b>-0.01</b>	-0.57	-0.01	0.19	-0.01	CO 13
			max V <sub>z</sub>	20.12	0.00	<b>-0.28</b>	0.00	0.01	0.00	CO 1
			min V <sub>z</sub>	80.43	0.03	<b>-0.62</b>	0.02	0.01	-0.01	CO 12
			max M <sub>T</sub>	-4.04	0.03	-0.42	<b>0.02</b>	-0.37	-0.01	CO 8
			min M <sub>T</sub>	99.02	-0.01	-0.57	<b>-0.01</b>	0.19	-0.01	CO 13
			max M <sub>y</sub>	126.83	-0.01	-0.46	0.00	<b>0.53</b>	0.01	CO 17
			min M <sub>y</sub>	-4.04	0.03	-0.42	0.02	<b>-0.37</b>	-0.01	CO 8
			max M <sub>z</sub>	126.83	-0.01	-0.46	0.00	0.53	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-4.04	0.03	-0.42	0.02	-0.37	<b>-0.01</b>	CO 8
	549	3.635	Max N	<b>126.83</b>	-0.01	-0.46	0.00	0.53	0.01	CO 17
	562	0.000	Min N	<b>-6.04</b>	0.00	-0.17	0.01	0.48	0.09	CO 8
		3.116	Max V <sub>y</sub>	-4.05	<b>0.03</b>	-0.30	0.02	-0.18	0.00	CO 8
		1.817	Min V <sub>y</sub>	99.01	<b>-0.01</b>	-0.24	-0.01	0.90	-0.02	CO 13
	562	0.000	Max V <sub>z</sub>	46.15	0.01	<b>0.28</b>	-0.01	0.20	-0.02	CO 11
	549	3.635	Min V <sub>z</sub>	80.43	0.03	<b>-0.62</b>	0.02	0.01	-0.01	CO 12
		1.817	Max M <sub>T</sub>	-4.06	0.03	0.01	<b>0.02</b>	0.01	0.04	CO 8
		1.817	Min M <sub>T</sub>	99.01	-0.01	-0.24	<b>-0.01</b>	0.90	-0.02	CO 13
		1.817	Max M <sub>y</sub>	126.82	-0.01	-0.23	0.00	<b>1.14</b>	0.00	CO 17
	549	3.635	Min M <sub>y</sub>	-4.04	0.03	-0.42	0.02	<b>-0.37</b>	-0.01	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	562	0.000	Max M <sub>z</sub>	-6.04	0.00	-0.17	0.01	0.48	<b>0.09</b>	CO 8
		1.817	Min M <sub>z</sub>	97.80	0.01	-0.04	-0.01	0.80	<b>-0.04</b>	CO 13
105	1535	0.000	max N	<b>125.75</b>	0.00	0.20	0.00	0.88	0.01	CO 17
			min N	<b>-6.33</b>	0.02	-0.25	0.01	0.59	-0.04	CO 8
			max V <sub>y</sub>	-6.33	<b>0.02</b>	-0.25	0.01	0.59	-0.04	CO 8
			min V <sub>y</sub>	14.10	<b>0.00</b>	0.27	-0.01	-0.04	0.00	CO 9
			max V <sub>z</sub>	46.16	0.00	<b>0.28</b>	-0.01	0.20	0.00	CO 11
			min V <sub>z</sub>	77.37	0.01	<b>-0.27</b>	0.01	1.22	-0.03	CO 12
			max M <sub>T</sub>	-6.33	0.02	-0.25	<b>0.01</b>	0.59	-0.04	CO 8
			min M <sub>T</sub>	97.79	0.00	0.27	<b>-0.01</b>	0.59	0.01	CO 13
			max M <sub>y</sub>	77.37	0.01	-0.27	0.01	<b>1.22</b>	-0.03	CO 12
			min M <sub>y</sub>	14.10	0.00	0.27	-0.01	<b>-0.04</b>	0.00	CO 9
			max M <sub>z</sub>	125.75	0.00	0.20	0.00	0.88	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-6.33	0.02	-0.25	0.01	0.59	<b>-0.04</b>	CO 8
		1.817	max N	<b>125.76</b>	0.00	-0.01	0.00	1.05	0.01	CO 17
			min N	<b>-6.32</b>	0.02	-0.68	0.01	-0.26	-0.06	CO 8
			max V <sub>y</sub>	77.38	<b>0.02</b>	-0.58	0.01	0.47	-0.06	CO 12
			min V <sub>y</sub>	125.76	<b>0.00</b>	-0.01	0.00	1.05	0.01	CO 17
			max V <sub>z</sub>	122.27	0.00	<b>0.00</b>	-0.01	1.02	0.01	CO 19
			min V <sub>z</sub>	-6.32	0.02	<b>-0.68</b>	0.01	-0.26	-0.06	CO 8
			max M <sub>T</sub>	-6.32	0.02	-0.68	<b>0.01</b>	-0.26	-0.06	CO 8
			min M <sub>T</sub>	97.81	0.00	-0.04	<b>-0.01</b>	0.80	0.01	CO 13
			max M <sub>y</sub>	125.76	0.00	-0.01	0.00	<b>1.05</b>	0.01	CO 17
			min M <sub>y</sub>	-6.32	0.02	-0.68	0.01	<b>-0.26</b>	-0.06	CO 8
			max M <sub>z</sub>	125.76	0.00	-0.01	0.00	1.05	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-6.32	0.02	-0.68	0.01	-0.26	<b>-0.06</b>	CO 8
			max N	<b>126.80</b>	0.01	-0.23	0.00	1.14	0.01	CO 17
			min N	<b>-3.68</b>	-0.02	-0.07	0.00	0.03	-0.02	CO 8
			max V <sub>y</sub>	123.48	<b>0.01</b>	-0.28	0.00	1.12	0.01	CO 19
			min V <sub>y</sub>	-3.68	<b>-0.02</b>	-0.07	0.00	0.03	-0.02	CO 8
			max V <sub>z</sub>	20.10	0.00	<b>0.15</b>	0.00	0.13	0.00	CO 1
			min V <sub>z</sub>	112.57	-0.01	<b>-0.34</b>	0.00	1.08	-0.01	CO 18
			max M <sub>T</sub>	-3.68	-0.02	-0.07	<b>0.00</b>	0.03	-0.02	CO 8
			min M <sub>T</sub>	99.00	0.01	-0.24	<b>-0.01</b>	0.90	0.01	CO 13
			max M <sub>y</sub>	126.80	0.01	-0.23	0.00	<b>1.14</b>	0.01	CO 17
			min M <sub>y</sub>	-3.68	-0.02	-0.07	0.00	<b>0.03</b>	-0.02	CO 8
			max M <sub>z</sub>	126.80	0.01	-0.23	0.00	1.14	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-3.68	-0.02	-0.07	0.00	0.03	<b>-0.02</b>	CO 8
	1534	3.635	max N	<b>126.82</b>	0.00	-0.46	0.00	0.53	0.00	CO 17
			min N	<b>-3.67</b>	-0.02	-0.50	0.00	-0.49	0.02	CO 8
			max V <sub>y</sub>	123.50	<b>0.01</b>	-0.54	0.00	0.40	0.00	CO 19



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-3.67	<b>-0.02</b>	-0.50	0.00	-0.49	0.02	CO 8
			max V <sub>z</sub>	20.11	0.00	<b>-0.28</b>	0.00	0.01	0.00	CO 1
			min V <sub>z</sub>	80.79	-0.02	<b>-0.71</b>	0.00	-0.10	0.02	CO 12
			max M <sub>T</sub>	-3.67	-0.02	-0.50	<b>0.00</b>	-0.49	0.02	CO 8
			min M <sub>T</sub>	99.01	0.01	-0.56	<b>-0.01</b>	0.19	0.00	CO 13
			max M <sub>y</sub>	126.82	0.00	-0.46	0.00	<b>0.53</b>	0.00	CO 17
			min M <sub>y</sub>	-3.67	-0.02	-0.50	0.00	<b>-0.49</b>	0.02	CO 8
			max M <sub>z</sub>	-3.67	-0.02	-0.50	0.00	-0.49	<b>0.02</b>	CO 8
			min M <sub>z</sub>	99.01	0.01	-0.56	-0.01	0.19	<b>0.00</b>	CO 13
	1534	3.635	Max N	<b>126.82</b>	0.00	-0.46	0.00	0.53	0.00	CO 17
	1535	0.000	Min N	<b>-6.33</b>	0.02	-0.25	0.01	0.59	-0.04	CO 8
		1.817	Max V <sub>y</sub>	77.38	<b>0.02</b>	-0.58	0.01	0.47	-0.06	CO 12
		2.856	Min V <sub>y</sub>	-3.68	<b>-0.02</b>	-0.32	0.00	-0.17	0.00	CO 8
	1535	0.000	Max V <sub>z</sub>	46.16	0.00	<b>0.28</b>	-0.01	0.20	0.00	CO 11
	1534	3.635	Min V <sub>z</sub>	80.79	-0.02	<b>-0.71</b>	0.00	-0.10	0.02	CO 12
	1535	0.000	Max M <sub>T</sub>	-6.33	0.02	-0.25	<b>0.01</b>	0.59	-0.04	CO 8
		1.590	Min M <sub>T</sub>	97.80	0.00	0.00	<b>-0.01</b>	0.80	0.01	CO 13
	1535	0.000	Max M <sub>y</sub>	77.37	0.01	-0.27	0.01	<b>1.22</b>	-0.03	CO 12
	1534	3.635	Min M <sub>y</sub>	-3.67	-0.02	-0.50	0.00	<b>-0.49</b>	0.02	CO 8
	1534	3.635	Max M <sub>z</sub>	-3.67	-0.02	-0.50	0.00	-0.49	<b>0.02</b>	CO 8
		1.817	Min M <sub>z</sub>	-6.32	0.02	-0.68	0.01	-0.26	<b>-0.06</b>	CO 8
106	1569	0.000	max N	<b>126.28</b>	0.00	0.23	0.00	0.81	-0.01	CO 17
			min N	<b>-5.71</b>	-0.01	-0.24	0.00	0.53	0.06	CO 8
			max V <sub>y</sub>	98.33	<b>0.00</b>	0.29	-0.01	0.52	-0.02	CO 13
			min V <sub>y</sub>	-5.71	<b>-0.01</b>	-0.24	0.00	0.53	0.06	CO 8
			max V <sub>z</sub>	66.15	0.00	<b>0.29</b>	-0.01	0.30	-0.01	CO 15
			min V <sub>z</sub>	-5.71	-0.01	<b>-0.24</b>	0.00	0.53	0.06	CO 8
			max M <sub>T</sub>	-5.71	-0.01	-0.24	<b>0.00</b>	0.53	0.06	CO 8
			min M <sub>T</sub>	14.30	0.00	0.26	<b>-0.01</b>	-0.05	-0.01	CO 9
			max M <sub>y</sub>	78.31	0.00	-0.23	0.00	<b>1.12</b>	0.05	CO 12
			min M <sub>y</sub>	14.30	0.00	0.26	-0.01	<b>-0.05</b>	-0.01	CO 9
			max M <sub>z</sub>	-5.71	-0.01	-0.24	0.00	0.53	<b>0.06</b>	CO 8
			min M <sub>z</sub>	98.33	0.00	0.29	-0.01	0.52	<b>-0.02</b>	CO 13
		1.817	max N	<b>126.29</b>	0.00	0.02	0.00	1.03	-0.02	CO 17
			min N	<b>-5.69</b>	-0.01	-0.67	0.00	-0.29	0.08	CO 8
			max V <sub>y</sub>	98.34	<b>0.01</b>	-0.02	-0.01	0.76	-0.03	CO 13
			min V <sub>y</sub>	78.32	<b>-0.01</b>	-0.55	0.00	0.42	0.07	CO 12
			max V <sub>z</sub>	122.86	0.01	<b>0.03</b>	0.00	0.98	-0.03	CO 19
			min V <sub>z</sub>	-5.69	-0.01	<b>-0.67</b>	0.00	-0.29	0.08	CO 8
			max M <sub>T</sub>	-5.69	-0.01	-0.67	<b>0.00</b>	-0.29	0.08	CO 8
			min M <sub>T</sub>	14.32	0.00	-0.17	<b>-0.01</b>	0.04	-0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	126.29	0.00	0.02	0.00	<b>1.03</b>	-0.02	CO 17
			min M <sub>y</sub>	-5.69	-0.01	-0.67	0.00	<b>-0.29</b>	0.08	CO 8
			max M <sub>z</sub>	-5.69	-0.01	-0.67	0.00	-0.29	<b>0.08</b>	CO 8
			min M <sub>z</sub>	98.34	0.01	-0.02	-0.01	0.76	<b>-0.03</b>	CO 13
			max N	<b>127.31</b>	-0.01	-0.25	0.00	1.12	-0.01	CO 17
			min N	<b>-2.85</b>	0.03	-0.13	0.01	0.02	0.04	CO 8
			max V <sub>y</sub>	-2.85	<b>0.03</b>	-0.13	0.01	0.02	0.04	CO 8
			min V <sub>y</sub>	99.59	<b>-0.01</b>	-0.26	-0.01	0.87	-0.02	CO 13
			max V <sub>z</sub>	20.18	0.00	<b>0.14</b>	0.00	0.12	0.00	CO 1
			min V <sub>z</sub>	81.93	0.02	<b>-0.41</b>	0.01	0.80	0.03	CO 12
			max M <sub>T</sub>	-2.85	0.03	-0.13	<b>0.01</b>	0.02	0.04	CO 8
			min M <sub>T</sub>	99.59	-0.01	-0.26	<b>-0.01</b>	0.87	-0.02	CO 13
			max M <sub>y</sub>	127.31	-0.01	-0.25	0.00	<b>1.12</b>	-0.01	CO 17
			min M <sub>y</sub>	-2.85	0.03	-0.13	0.01	<b>0.02</b>	0.04	CO 8
			max M <sub>z</sub>	-2.85	0.03	-0.13	0.01	0.02	<b>0.04</b>	CO 8
			min M <sub>z</sub>	99.59	-0.01	-0.26	-0.01	0.87	<b>-0.02</b>	CO 13
	1537	3.635	max N	<b>127.32</b>	0.00	-0.49	0.00	0.46	0.00	CO 17
			min N	<b>-2.83</b>	0.03	-0.56	0.01	-0.61	-0.01	CO 8
			max V <sub>y</sub>	-2.83	<b>0.03</b>	-0.56	0.01	-0.61	-0.01	CO 8
			min V <sub>y</sub>	99.60	<b>-0.01</b>	-0.60	-0.01	0.10	-0.01	CO 13
			max V <sub>z</sub>	20.19	0.00	<b>-0.28</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	81.94	0.02	<b>-0.80</b>	0.01	-0.28	-0.01	CO 12
			max M <sub>T</sub>	-2.83	0.03	-0.56	<b>0.01</b>	-0.61	-0.01	CO 8
			min M <sub>T</sub>	99.60	-0.01	-0.60	<b>-0.01</b>	0.10	-0.01	CO 13
			max M <sub>y</sub>	127.32	0.00	-0.49	0.00	<b>0.46</b>	0.00	CO 17
			min M <sub>y</sub>	-2.83	0.03	-0.56	0.01	<b>-0.61</b>	-0.01	CO 8
			max M <sub>z</sub>	94.74	0.00	-0.41	0.00	0.36	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-2.83	0.03	-0.56	0.01	-0.61	<b>-0.01</b>	CO 8
	1537	3.635	Max N	<b>127.32</b>	0.00	-0.49	0.00	0.46	0.00	CO 17
	1569	0.000	Min N	<b>-5.71</b>	-0.01	-0.24	0.00	0.53	0.06	CO 8
		2.856	Max V <sub>y</sub>	-2.84	<b>0.03</b>	-0.38	0.01	-0.25	0.01	CO 8
		1.817	Min V <sub>y</sub>	78.32	<b>-0.01</b>	-0.55	0.00	0.42	0.07	CO 12
	1569	0.000	Max V <sub>z</sub>	66.15	0.00	<b>0.29</b>	-0.01	0.30	-0.01	CO 15
	1537	3.635	Min V <sub>z</sub>	81.94	0.02	<b>-0.80</b>	0.01	-0.28	-0.01	CO 12
		1.817	Max M <sub>T</sub>	-2.85	0.03	-0.13	<b>0.01</b>	0.02	0.04	CO 8
		1.817	Min M <sub>T</sub>	99.59	-0.01	-0.26	<b>-0.01</b>	0.87	-0.02	CO 13
	1569	0.000	Max M <sub>y</sub>	78.31	0.00	-0.23	0.00	<b>1.12</b>	0.05	CO 12
	1537	3.635	Min M <sub>y</sub>	-2.83	0.03	-0.56	0.01	<b>-0.61</b>	-0.01	CO 8
		1.817	Max M <sub>z</sub>	-5.69	-0.01	-0.67	0.00	-0.29	<b>0.08</b>	CO 8
		1.817	Min M <sub>z</sub>	98.34	0.01	-0.02	-0.01	0.76	<b>-0.03</b>	CO 13
107	1572	0.000	max N	<b>126.60</b>	0.00	0.25	0.00	0.80	0.00	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-6.14</b>	0.01	-0.25	0.00	0.58	-0.08	CO 8
			max V <sub>y</sub>	-6.14	<b>0.01</b>	-0.25	0.00	0.58	-0.08	CO 8
			min V <sub>y</sub>	104.04	<b>0.00</b>	0.24	0.00	0.65	0.01	CO 7
			max V <sub>z</sub>	72.36	0.00	<b>0.28</b>	0.00	0.41	-0.01	CO 15
			min V <sub>z</sub>	-6.14	0.01	<b>-0.25</b>	0.00	0.58	-0.08	CO 8
			max M <sub>T</sub>	77.91	0.00	-0.25	<b>0.00</b>	1.16	-0.08	CO 12
			min M <sub>T</sub>	20.47	0.00	0.26	<b>0.00</b>	0.05	-0.01	CO 9
			max M <sub>y</sub>	77.91	0.00	-0.25	0.00	<b>1.16</b>	-0.08	CO 12
			min M <sub>y</sub>	20.47	0.00	0.26	0.00	<b>0.05</b>	-0.01	CO 9
			max M <sub>z</sub>	126.28	0.00	0.23	0.00	0.81	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-6.14	0.01	-0.25	0.00	0.58	<b>-0.08</b>	CO 8
		1.817	max N	<b>126.61</b>	0.00	0.04	0.00	1.05	0.00	CO 19
			min N	<b>-6.13</b>	0.01	-0.69	0.00	-0.27	-0.10	CO 8
			max V <sub>y</sub>	77.92	<b>0.01</b>	-0.56	0.00	0.44	-0.10	CO 12
			min V <sub>y</sub>	126.30	<b>0.00</b>	0.02	0.00	1.03	0.02	CO 17
			max V <sub>z</sub>	126.61	0.00	<b>0.04</b>	0.00	1.05	0.00	CO 19
			min V <sub>z</sub>	-6.13	0.01	<b>-0.69</b>	0.00	-0.27	-0.10	CO 8
			max M <sub>T</sub>	77.92	0.01	-0.56	<b>0.00</b>	0.44	-0.10	CO 12
			min M <sub>T</sub>	20.48	0.00	-0.16	<b>0.00</b>	0.15	-0.02	CO 9
			max M <sub>y</sub>	126.61	0.00	0.04	0.00	<b>1.05</b>	0.00	CO 19
			min M <sub>y</sub>	-6.13	0.01	-0.69	0.00	<b>-0.27</b>	-0.10	CO 8
			max M <sub>z</sub>	126.30	0.00	0.02	0.00	1.03	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-6.13	0.01	-0.69	0.00	-0.27	<b>-0.10</b>	CO 8
			max N	<b>127.86</b>	0.00	-0.32	0.00	1.16	-0.01	CO 19
			min N	<b>-3.36</b>	-0.04	-0.10	-0.01	0.03	-0.05	CO 8
			max V <sub>y</sub>	127.32	<b>0.01</b>	-0.25	0.00	1.12	0.01	CO 17
			min V <sub>y</sub>	-3.36	<b>-0.04</b>	-0.10	-0.01	0.03	-0.05	CO 8
			max V <sub>z</sub>	20.18	0.00	<b>0.14</b>	0.00	0.12	0.00	CO 1
			min V <sub>z</sub>	81.44	-0.04	<b>-0.38</b>	-0.01	0.81	-0.05	CO 12
			max M <sub>T</sub>	127.32	0.01	-0.25	<b>0.00</b>	1.12	0.01	CO 17
			min M <sub>T</sub>	48.85	-0.04	-0.23	<b>-0.01</b>	0.50	-0.05	CO 14
			max M <sub>y</sub>	127.86	0.00	-0.32	0.00	<b>1.16</b>	-0.01	CO 19
			min M <sub>y</sub>	-3.36	-0.04	-0.10	-0.01	<b>0.03</b>	-0.05	CO 8
			max M <sub>z</sub>	127.32	0.01	-0.25	0.00	1.12	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-3.36	-0.04	-0.10	-0.01	0.03	<b>-0.05</b>	CO 8
	1571	3.635	max N	<b>127.88</b>	0.00	-0.57	0.00	0.37	-0.01	CO 19
			min N	<b>-3.35</b>	-0.04	-0.53	-0.01	-0.54	0.01	CO 8
			max V <sub>y</sub>	127.33	<b>0.00</b>	-0.49	0.00	0.46	0.00	CO 17
			min V <sub>y</sub>	-3.35	<b>-0.04</b>	-0.53	-0.01	-0.54	0.01	CO 8
			max V <sub>z</sub>	20.19	0.00	<b>-0.28</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	81.46	-0.03	<b>-0.76</b>	-0.01	-0.20	0.01	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	127.33	0.00	-0.49	<b>0.00</b>	0.46	0.00	CO 17
			min M <sub>T</sub>	48.87	-0.03	-0.65	<b>-0.01</b>	-0.30	0.01	CO 14
			max M <sub>y</sub>	127.33	0.00	-0.49	0.00	<b>0.46</b>	0.00	CO 17
			min M <sub>y</sub>	-3.35	-0.04	-0.53	-0.01	<b>-0.54</b>	0.01	CO 8
			max M <sub>z</sub>	-3.35	-0.04	-0.53	-0.01	-0.54	<b>0.01</b>	CO 8
			min M <sub>z</sub>	105.86	0.00	-0.60	0.00	0.20	<b>-0.01</b>	CO 13
	1571	3.635	Max N	<b>127.88</b>	0.00	-0.57	0.00	0.37	-0.01	CO 19
	1572	0.000	Min N	<b>-6.14</b>	0.01	-0.25	0.00	0.58	-0.08	CO 8
		1.817	Max V <sub>y</sub>	77.92	<b>0.01</b>	-0.56	0.00	0.44	-0.10	CO 12
		3.375	Min V <sub>y</sub>	-3.35	<b>-0.04</b>	-0.47	-0.01	-0.41	0.00	CO 8
	1572	0.000	Max V <sub>z</sub>	72.36	0.00	<b>0.28</b>	0.00	0.41	-0.01	CO 15
	1571	3.635	Min V <sub>z</sub>	81.46	-0.03	<b>-0.76</b>	-0.01	-0.20	0.01	CO 12
		1.817	Max M <sub>T</sub>	127.32	0.01	-0.25	<b>0.00</b>	1.12	0.01	CO 17
		1.817	Min M <sub>T</sub>	48.85	-0.04	-0.23	<b>-0.01</b>	0.50	-0.05	CO 14
	1572	0.000	Max M <sub>y</sub>	77.91	0.00	-0.25	0.00	<b>1.16</b>	-0.08	CO 12
	1571	3.635	Min M <sub>y</sub>	-3.35	-0.04	-0.53	-0.01	<b>-0.54</b>	0.01	CO 8
		1.817	Max M <sub>z</sub>	126.30	0.00	0.02	0.00	1.03	<b>0.02</b>	CO 17
		1.817	Min M <sub>z</sub>	-6.13	0.01	-0.69	0.00	-0.27	<b>-0.10</b>	CO 8
108	1590	0.000	max N	<b>126.44</b>	0.00	0.23	0.00	0.83	-0.01	CO 19
			min N	<b>-6.13</b>	-0.02	-0.20	-0.01	0.51	0.04	CO 8
			max V <sub>y</sub>	103.60	<b>0.00</b>	0.22	0.00	0.71	-0.01	CO 7
			min V <sub>y</sub>	-6.13	<b>-0.02</b>	-0.20	-0.01	0.51	0.04	CO 8
			max V <sub>z</sub>	53.14	0.00	<b>0.29</b>	-0.01	0.23	0.00	CO 11
			min V <sub>z</sub>	77.57	-0.02	<b>-0.21</b>	-0.01	1.15	0.03	CO 12
			max M <sub>T</sub>	125.75	0.00	0.20	<b>0.00</b>	0.88	-0.01	CO 17
			min M <sub>T</sub>	-6.13	-0.02	-0.20	<b>-0.01</b>	0.51	0.04	CO 8
			max M <sub>y</sub>	77.57	-0.02	-0.21	-0.01	<b>1.15</b>	0.03	CO 12
			min M <sub>y</sub>	21.09	0.00	0.28	-0.01	<b>0.00</b>	0.01	CO 9
			max M <sub>z</sub>	-6.13	-0.02	-0.20	-0.01	0.51	<b>0.04</b>	CO 8
			min M <sub>z</sub>	125.75	0.00	0.20	0.00	0.88	<b>-0.01</b>	CO 17
		1.817	max N	<b>126.45</b>	0.00	0.02	0.00	1.05	-0.01	CO 19
			min N	<b>-6.12</b>	-0.02	-0.63	-0.01	-0.24	0.08	CO 8
			max V <sub>y</sub>	125.76	<b>0.00</b>	-0.01	0.00	1.05	-0.01	CO 17
			min V <sub>y</sub>	77.59	<b>-0.03</b>	-0.52	-0.01	0.49	0.07	CO 12
			max V <sub>z</sub>	126.45	0.00	<b>0.02</b>	0.00	1.05	-0.01	CO 19
			min V <sub>z</sub>	-6.12	-0.02	<b>-0.63</b>	-0.01	-0.24	0.08	CO 8
			max M <sub>T</sub>	125.76	0.00	-0.01	<b>0.00</b>	1.05	-0.01	CO 17
			min M <sub>T</sub>	-6.12	-0.02	-0.63	<b>-0.01</b>	-0.24	0.08	CO 8
			max M <sub>y</sub>	126.45	0.00	0.02	0.00	<b>1.05</b>	-0.01	CO 19
			min M <sub>y</sub>	-6.12	-0.02	-0.63	-0.01	<b>-0.24</b>	0.08	CO 8
			max M <sub>z</sub>	-6.12	-0.02	-0.63	-0.01	-0.24	<b>0.08</b>	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	125.76	0.00	-0.01	0.00	1.05	<b>-0.01</b>	CO 17
			max N	<b>127.84</b>	0.00	-0.34	0.00	1.17	0.00	CO 19
			min N	<b>-3.95</b>	0.03	-0.01	0.00	0.01	0.02	CO 8
			max V <sub>y</sub>	-3.95	<b>0.03</b>	-0.01	0.00	0.01	0.02	CO 8
			min V <sub>y</sub>	126.80	<b>-0.01</b>	-0.23	0.00	1.14	-0.01	CO 17
			max V <sub>z</sub>	20.10	0.00	<b>0.15</b>	0.00	0.13	0.00	CO 1
			min V <sub>z</sub>	127.84	0.00	<b>-0.34</b>	0.00	1.17	0.00	CO 19
			max M <sub>T</sub>	112.40	0.01	-0.30	<b>0.00</b>	1.06	0.01	CO 18
			min M <sub>T</sub>	106.26	0.00	-0.33	<b>-0.01</b>	0.98	0.00	CO 13
			max M <sub>y</sub>	127.84	0.00	-0.34	0.00	<b>1.17</b>	0.00	CO 19
			min M <sub>y</sub>	-3.95	0.03	-0.01	0.00	<b>0.01</b>	0.02	CO 8
			max M <sub>z</sub>	-3.95	0.03	-0.01	0.00	0.01	<b>0.02</b>	CO 8
			min M <sub>z</sub>	126.80	-0.01	-0.23	0.00	1.14	<b>-0.01</b>	CO 17
	1589	3.635	max N	<b>127.85</b>	0.00	-0.58	0.00	0.36	0.00	CO 19
			min N	<b>-3.94</b>	0.03	-0.44	0.00	-0.40	-0.02	CO 8
			max V <sub>y</sub>	-3.94	<b>0.03</b>	-0.44	0.00	-0.40	-0.02	CO 8
			min V <sub>y</sub>	126.81	<b>0.00</b>	-0.46	0.00	0.53	0.00	CO 17
			max V <sub>z</sub>	20.11	0.00	<b>-0.28</b>	0.00	0.01	0.00	CO 1
			min V <sub>z</sub>	80.52	0.02	<b>-0.65</b>	0.00	-0.02	-0.02	CO 12
			max M <sub>T</sub>	112.41	0.01	-0.59	<b>0.00</b>	0.28	-0.01	CO 18
			min M <sub>T</sub>	106.28	0.00	-0.64	<b>-0.01</b>	0.13	0.00	CO 13
			max M <sub>y</sub>	126.81	0.00	-0.46	0.00	<b>0.53</b>	0.00	CO 17
			min M <sub>y</sub>	-3.94	0.03	-0.44	0.00	<b>-0.40</b>	-0.02	CO 8
			max M <sub>z</sub>	126.81	0.00	-0.46	0.00	0.53	<b>0.00</b>	CO 17
			min M <sub>z</sub>	28.53	0.02	-0.56	0.00	-0.30	<b>-0.02</b>	CO 10
	1589	3.635	Max N	<b>127.85</b>	0.00	-0.58	0.00	0.36	0.00	CO 19
	1590	0.000	Min N	<b>-6.13</b>	-0.02	-0.20	-0.01	0.51	0.04	CO 8
		2.596	Max V <sub>y</sub>	-3.95	<b>0.03</b>	-0.20	0.00	-0.07	0.00	CO 8
		1.817	Min V <sub>y</sub>	77.59	<b>-0.03</b>	-0.52	-0.01	0.49	0.07	CO 12
	1590	0.000	Max V <sub>z</sub>	53.14	0.00	<b>0.29</b>	-0.01	0.23	0.00	CO 11
	1589	3.635	Min V <sub>z</sub>	80.52	0.02	<b>-0.65</b>	0.00	-0.02	-0.02	CO 12
		1.363	Max M <sub>T</sub>	125.76	0.00	0.04	<b>0.00</b>	1.04	-0.01	CO 17
	1590	0.000	Min M <sub>T</sub>	-6.13	-0.02	-0.20	<b>-0.01</b>	0.51	0.04	CO 8
		1.817	Max M <sub>y</sub>	127.84	0.00	-0.34	0.00	<b>1.17</b>	0.00	CO 19
	1589	3.635	Min M <sub>y</sub>	-3.94	0.03	-0.44	0.00	<b>-0.40</b>	-0.02	CO 8
		1.817	Max M <sub>z</sub>	-6.12	-0.02	-0.63	-0.01	-0.24	<b>0.08</b>	CO 8
	1589	3.635	Min M <sub>z</sub>	28.53	0.02	-0.56	0.00	-0.30	<b>-0.02</b>	CO 10
109	1608	0.000	max N	<b>126.64</b>	0.00	0.25	0.00	0.81	0.00	CO 19
			min N	<b>-5.66</b>	-0.02	-0.07	-0.01	0.34	-0.05	CO 8
			max V <sub>y</sub>	53.29	<b>0.00</b>	0.31	-0.01	0.21	-0.01	CO 11
			min V <sub>y</sub>	78.17	<b>-0.02</b>	-0.07	-0.01	0.96	-0.05	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	53.29	0.00	<b>0.31</b>	-0.01	0.21	-0.01	CO 11
			min V <sub>z</sub>	78.17	-0.02	<b>-0.07</b>	-0.01	0.96	-0.05	CO 12
			max M <sub>T</sub>	125.91	0.00	0.21	<b>0.00</b>	0.87	0.00	CO 17
			min M <sub>T</sub>	-5.66	-0.02	-0.07	<b>-0.01</b>	0.34	-0.05	CO 8
			max M <sub>y</sub>	110.57	-0.01	0.03	-0.01	<b>1.03</b>	-0.03	CO 18
			min M <sub>y</sub>	21.20	0.00	0.30	-0.01	<b>-0.02</b>	-0.01	CO 9
			max M <sub>z</sub>	93.77	0.00	0.23	0.00	0.63	<b>0.00</b>	CO 16
			min M <sub>z</sub>	26.45	-0.02	-0.06	-0.01	0.57	<b>-0.05</b>	CO 10
		1.817	max N	<b>126.66</b>	0.00	0.04	0.00	1.06	-0.01	CO 19
			min N	<b>-5.65</b>	-0.02	-0.51	-0.01	-0.19	-0.02	CO 8
			max V <sub>y</sub>	104.99	<b>0.01</b>	0.01	-0.01	0.86	-0.02	CO 13
			min V <sub>y</sub>	-5.65	<b>-0.02</b>	-0.51	-0.01	-0.19	-0.02	CO 8
			max V <sub>z</sub>	126.66	0.00	<b>0.04</b>	0.00	1.06	-0.01	CO 19
			min V <sub>z</sub>	-5.65	-0.02	<b>-0.51</b>	-0.01	-0.19	-0.02	CO 8
			max M <sub>T</sub>	125.92	0.00	0.00	<b>0.00</b>	1.05	0.00	CO 17
			min M <sub>T</sub>	-5.65	-0.02	-0.51	<b>-0.01</b>	-0.19	-0.02	CO 8
			max M <sub>y</sub>	126.66	0.00	0.04	0.00	<b>1.06</b>	-0.01	CO 19
			min M <sub>y</sub>	-5.65	-0.02	-0.51	-0.01	<b>-0.19</b>	-0.02	CO 8
			max M <sub>z</sub>	93.78	0.00	-0.08	0.00	0.76	<b>0.00</b>	CO 16
			min M <sub>z</sub>	26.46	-0.02	-0.47	-0.01	0.09	<b>-0.02</b>	CO 10
			max N	<b>127.97</b>	0.00	-0.34	0.00	1.18	-0.01	CO 19
			min N	<b>-4.57</b>	-0.01	0.11	-0.01	-0.03	-0.02	CO 8
			max V <sub>y</sub>	94.41	<b>0.00</b>	-0.07	0.00	0.82	0.00	CO 16
			min V <sub>y</sub>	27.92	<b>-0.01</b>	0.00	-0.01	0.28	-0.02	CO 10
			max V <sub>z</sub>	20.12	0.00	<b>0.15</b>	0.00	0.13	0.00	CO 1
			min V <sub>z</sub>	127.97	0.00	<b>-0.34</b>	0.00	1.18	-0.01	CO 19
			max M <sub>T</sub>	126.92	0.00	-0.23	<b>0.00</b>	1.14	0.00	CO 17
			min M <sub>T</sub>	-4.57	-0.01	0.11	<b>-0.01</b>	-0.03	-0.02	CO 8
			max M <sub>y</sub>	127.97	0.00	-0.34	0.00	<b>1.18</b>	-0.01	CO 19
			min M <sub>y</sub>	-4.57	-0.01	0.11	-0.01	<b>-0.03</b>	-0.02	CO 8
			max M <sub>z</sub>	94.41	0.00	-0.07	0.00	0.82	<b>0.00</b>	CO 16
			min M <sub>z</sub>	27.92	-0.01	0.00	-0.01	0.28	<b>-0.02</b>	CO 10
	1607	3.635	max N	<b>127.99</b>	0.00	-0.59	0.00	0.36	-0.01	CO 19
			min N	<b>-4.56</b>	-0.01	-0.32	-0.01	-0.21	0.00	CO 8
			max V <sub>y</sub>	94.42	<b>0.00</b>	-0.39	0.00	0.42	0.00	CO 16
			min V <sub>y</sub>	27.93	<b>-0.01</b>	-0.43	-0.01	-0.11	0.00	CO 10
			max V <sub>z</sub>	20.13	0.00	<b>-0.28</b>	0.00	0.01	0.00	CO 1
			min V <sub>z</sub>	106.39	0.00	<b>-0.65</b>	-0.01	0.13	-0.01	CO 13
			max M <sub>T</sub>	126.93	0.00	-0.47	<b>0.00</b>	0.53	0.00	CO 17
			min M <sub>T</sub>	-4.56	-0.01	-0.32	<b>-0.01</b>	-0.21	0.00	CO 8
			max M <sub>y</sub>	126.93	0.00	-0.47	0.00	<b>0.53</b>	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	21.94	0.00	-0.47	-0.01	<b>-0.27</b>	0.00	CO 9
			max M <sub>z</sub>	-4.56	-0.01	-0.32	-0.01	-0.21	<b>0.00</b>	CO 8
			min M <sub>z</sub>	106.39	0.00	-0.65	-0.01	0.13	<b>-0.01</b>	CO 13
	1607	3.635	Max N	<b>127.99</b>	0.00	-0.59	0.00	0.36	-0.01	CO 19
	1608	0.000	Min N	<b>-5.66</b>	-0.02	-0.07	-0.01	0.34	-0.05	CO 8
		1.817	Max V <sub>y</sub>	104.99	<b>0.01</b>	0.01	-0.01	0.86	-0.02	CO 13
	1608	0.000	Min V <sub>y</sub>	78.17	<b>-0.02</b>	-0.07	-0.01	0.96	-0.05	CO 12
	1608	0.000	Max V <sub>z</sub>	53.29	0.00	<b>0.31</b>	-0.01	0.21	-0.01	CO 11
	1607	3.635	Min V <sub>z</sub>	106.39	0.00	<b>-0.65</b>	-0.01	0.13	-0.01	CO 13
		1.817	Max M <sub>T</sub>	126.92	0.00	-0.23	<b>0.00</b>	1.14	0.00	CO 17
	1608	0.000	Min M <sub>T</sub>	-5.66	-0.02	-0.07	<b>-0.01</b>	0.34	-0.05	CO 8
		1.817	Max M <sub>y</sub>	127.97	0.00	-0.34	0.00	<b>1.18</b>	-0.01	CO 19
	1607	3.635	Min M <sub>y</sub>	21.94	0.00	-0.47	-0.01	<b>-0.27</b>	0.00	CO 9
		1.817	Max M <sub>z</sub>	93.78	0.00	-0.08	0.00	0.76	<b>0.00</b>	CO 16
	1608	0.000	Min M <sub>z</sub>	26.45	-0.02	-0.06	-0.01	0.57	<b>-0.05</b>	CO 10
405	319	0.000	max N	<b>-120.43</b>	-74.88	1.40	-0.05	-0.56	-48.30	CO 9
			min N	<b>-201.49</b>	-182.13	134.95	-0.34	-58.91	-124.11	CO 12
			max V <sub>y</sub>	-124.92	<b>-56.14</b>	4.64	-0.05	-1.98	-28.30	CO 1
			min V <sub>y</sub>	-201.49	<b>-182.13</b>	134.95	-0.34	-58.91	-124.11	CO 12
			max V <sub>z</sub>	-201.49	-182.13	<b>134.95</b>	-0.34	-58.91	-124.11	CO 12
			min V <sub>z</sub>	-120.43	-74.88	<b>1.40</b>	-0.05	-0.56	-48.30	CO 9
			max M <sub>T</sub>	-147.21	-68.13	4.72	<b>-0.05</b>	-2.04	-41.30	CO 21
			min M <sub>T</sub>	-183.78	-181.57	133.04	<b>-0.34</b>	-58.06	-123.35	CO 10
			max M <sub>y</sub>	-120.43	-74.88	1.40	-0.05	<b>-0.56</b>	-48.30	CO 9
			min M <sub>y</sub>	-201.49	-182.13	134.95	-0.34	<b>-58.91</b>	-124.11	CO 12
			max M <sub>z</sub>	-124.92	-56.14	4.64	-0.05	-1.98	<b>-28.30</b>	CO 1
			min M <sub>z</sub>	-201.49	-182.13	134.95	-0.34	-58.91	<b>-124.11</b>	CO 12
		1.800	max N	<b>-43.00</b>	-3.67	0.82	0.01	0.30	-2.16	CO 9
			min N	<b>-138.37</b>	-11.85	29.42	-0.02	4.31	-1.22	CO 12
			max V <sub>y</sub>	-73.75	<b>-0.48</b>	1.25	0.01	0.12	4.15	CO 16
			min V <sub>y</sub>	-119.53	<b>-11.94</b>	29.27	-0.02	4.39	-0.59	CO 10
			max V <sub>z</sub>	-138.37	-11.85	<b>29.42</b>	-0.02	4.31	-1.22	CO 12
			min V <sub>z</sub>	-43.00	-3.67	<b>0.82</b>	0.01	0.30	-2.16	CO 9
			max M <sub>T</sub>	-61.61	-3.58	0.86	<b>0.01</b>	0.21	-2.76	CO 15
			min M <sub>T</sub>	-119.53	-11.94	29.27	<b>-0.02</b>	4.39	-0.59	CO 10
			max M <sub>y</sub>	-107.06	-10.82	29.01	-0.01	<b>4.39</b>	-9.56	CO 8
			min M <sub>y</sub>	-86.08	-1.59	1.44	-0.01	<b>0.10</b>	13.14	CO 17
			max M <sub>z</sub>	-59.49	-1.71	1.38	-0.01	0.23	<b>13.97</b>	CO 2
			min M <sub>z</sub>	-125.90	-10.73	29.16	-0.01	4.32	<b>-10.19</b>	CO 14
			max N	<b>-56.85</b>	-5.71	0.51	-0.04	0.32	-2.36	CO 9
			min N	<b>-182.10</b>	-16.24	37.05	-0.10	4.28	-1.48	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-78.33	<b>2.26</b>	1.66	-0.07	0.23	14.68	CO 2
			min V <sub>y</sub>	-165.90	<b>-17.65</b>	36.61	-0.06	4.28	-10.89	CO 14
			max V <sub>z</sub>	-182.10	-16.24	<b>37.05</b>	-0.10	4.28	-1.48	CO 12
			min V <sub>z</sub>	-56.85	-5.71	<b>0.51</b>	-0.04	0.32	-2.36	CO 9
			max M <sub>T</sub>	-97.30	0.67	1.76	<b>-0.02</b>	0.11	4.35	CO 16
			min M <sub>T</sub>	-157.30	-16.12	36.60	<b>-0.11</b>	4.36	-0.81	CO 10
			max M <sub>y</sub>	-141.11	-17.54	36.15	-0.06	<b>4.37</b>	-10.22	CO 8
			min M <sub>y</sub>	-113.30	2.11	2.12	-0.07	<b>0.09</b>	13.80	CO 17
			max M <sub>z</sub>	-78.33	2.26	1.66	-0.07	0.23	<b>14.68</b>	CO 2
			min M <sub>z</sub>	-165.90	-17.65	36.61	-0.06	4.28	<b>-10.89</b>	CO 14
		2.000	max N	<b>-55.45</b>	-5.33	0.51	-0.04	0.42	-1.25	CO 9
			min N	<b>-180.69</b>	-15.25	37.05	-0.11	11.69	1.67	CO 12
			max V <sub>y</sub>	-76.93	<b>2.27</b>	1.66	-0.07	0.56	14.22	CO 2
			min V <sub>y</sub>	-164.49	<b>-16.67</b>	36.61	-0.07	11.61	-7.46	CO 14
			max V <sub>z</sub>	-180.69	-15.25	<b>37.05</b>	-0.11	11.69	1.67	CO 12
			min V <sub>z</sub>	-55.45	-5.33	<b>0.51</b>	-0.04	0.42	-1.25	CO 9
			max M <sub>T</sub>	-95.89	0.67	1.76	<b>-0.02</b>	0.46	4.22	CO 16
			min M <sub>T</sub>	-155.90	-15.13	36.59	<b>-0.11</b>	11.68	2.32	CO 10
			max M <sub>y</sub>	-180.69	-15.25	37.05	-0.11	<b>11.69</b>	1.67	CO 12
			min M <sub>y</sub>	-79.92	-5.43	0.83	-0.03	<b>0.39</b>	-1.86	CO 15
			max M <sub>z</sub>	-76.93	2.27	1.66	-0.07	0.56	<b>14.22</b>	CO 2
			min M <sub>z</sub>	-164.49	-16.67	36.61	-0.07	11.61	<b>-7.46</b>	CO 14
			max N	<b>-54.39</b>	-5.33	-0.09	-0.02	0.42	-1.27	CO 9
			min N	<b>-136.69</b>	-15.15	-4.59	-0.03	11.69	1.59	CO 12
			max V <sub>y</sub>	-74.68	<b>2.27</b>	-0.07	-0.02	0.56	14.18	CO 2
			min V <sub>y</sub>	-120.95	<b>-16.58</b>	-4.60	-0.01	11.61	-7.51	CO 14
			max V <sub>z</sub>	-109.30	2.12	<b>0.06</b>	-0.02	0.51	13.34	CO 17
			min V <sub>z</sub>	-96.56	-16.46	<b>-4.67</b>	-0.01	11.60	-6.86	CO 8
			max M <sub>T</sub>	-116.31	-9.71	-2.73	<b>-0.01</b>	7.15	-2.99	CO 20
			min M <sub>T</sub>	-70.03	-3.87	-0.07	<b>-0.03</b>	0.48	7.85	CO 11
			max M <sub>y</sub>	-136.69	-15.15	-4.59	-0.03	<b>11.69</b>	1.59	CO 12
			min M <sub>y</sub>	-78.61	-5.43	0.00	-0.02	<b>0.39</b>	-1.88	CO 15
			max M <sub>z</sub>	-74.68	2.27	-0.07	-0.02	0.56	<b>14.18</b>	CO 2
			min M <sub>z</sub>	-120.95	-16.58	-4.60	-0.01	11.61	<b>-7.51</b>	CO 14
		7.824	max N	<b>-13.50</b>	5.59	-0.09	-0.02	-0.11	-2.04	CO 9
			min N	<b>-95.82</b>	13.80	-4.59	-0.02	-15.15	5.49	CO 12
			max V <sub>y</sub>	-71.43	<b>13.89</b>	-4.66	-0.02	-15.56	5.52	CO 10
			min V <sub>y</sub>	-52.76	<b>0.68</b>	0.03	-0.01	0.65	0.26	CO 16
			max V <sub>z</sub>	-68.41	2.17	<b>0.05</b>	-0.02	0.82	0.80	CO 17
			min V <sub>z</sub>	-55.68	12.40	<b>-4.67</b>	-0.01	-15.68	4.98	CO 8
			max M <sub>T</sub>	-80.07	12.30	-4.60	<b>0.00</b>	-15.28	4.95	CO 14



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-29.15	7.07	-0.07	<b>-0.03</b>	0.06	-1.50	CO 11
			max M <sub>y</sub>	-68.41	2.17	0.05	-0.02	<b>0.82</b>	0.80	CO 17
			min M <sub>y</sub>	-55.68	12.40	-4.67	-0.01	<b>-15.68</b>	4.98	CO 8
			max M <sub>z</sub>	-71.43	13.89	-4.66	-0.02	-15.56	<b>5.52</b>	CO 10
			min M <sub>z</sub>	-37.73	5.50	-0.01	-0.02	0.36	<b>-2.07</b>	CO 15
			max N	<b>-14.16</b>	5.59	-1.16	0.00	-0.11	-2.02	CO 9
			min N	<b>-68.71</b>	2.17	-0.66	0.00	0.82	0.82	CO 17
			max V <sub>y</sub>	-30.79	<b>13.78</b>	35.01	-0.01	-15.56	5.53	CO 10
			min V <sub>y</sub>	-52.90	<b>0.68</b>	-0.52	0.00	0.65	0.26	CO 16
			max V <sub>z</sub>	-14.99	12.29	<b>35.06</b>	0.00	-15.68	4.98	CO 8
			min V <sub>z</sub>	-54.60	6.98	<b>-1.60</b>	0.00	0.52	-1.50	CO 13
			max M <sub>T</sub>	-33.51	2.30	-0.21	<b>0.00</b>	0.15	0.86	CO 2
			min M <sub>T</sub>	-30.79	13.78	35.01	<b>-0.01</b>	-15.56	5.53	CO 10
			max M <sub>y</sub>	-68.71	2.17	-0.66	0.00	<b>0.82</b>	0.82	CO 17
			min M <sub>y</sub>	-14.99	12.29	35.06	0.00	<b>-15.68</b>	4.98	CO 8
			max M <sub>z</sub>	-30.79	13.78	35.01	-0.01	-15.56	<b>5.53</b>	CO 10
			min M <sub>z</sub>	-38.79	5.50	-1.47	0.00	0.36	<b>-2.05</b>	CO 15
	438	8.059	max N	<b>-12.51</b>	6.03	-1.16	0.00	-0.38	-3.39	CO 9
			min N	<b>-67.06</b>	2.17	-0.66	0.00	0.66	0.31	CO 17
			max V <sub>y</sub>	-29.14	<b>14.94</b>	35.01	0.00	-7.33	2.16	CO 10
			min V <sub>y</sub>	-51.25	<b>0.68</b>	-0.52	0.00	0.53	0.10	CO 16
			max V <sub>z</sub>	-13.34	13.45	<b>35.06</b>	0.00	-7.45	1.95	CO 8
			min V <sub>z</sub>	-52.95	7.42	<b>-1.60</b>	0.00	0.14	-3.19	CO 13
			max M <sub>T</sub>	-31.86	2.30	-0.21	<b>0.00</b>	0.11	0.32	CO 2
			min M <sub>T</sub>	-29.14	14.94	35.01	<b>0.00</b>	-7.33	2.16	CO 10
			max M <sub>y</sub>	-67.06	2.17	-0.66	0.00	<b>0.66</b>	0.31	CO 17
			min M <sub>y</sub>	-13.34	13.45	35.06	0.00	<b>-7.45</b>	1.95	CO 8
			max M <sub>z</sub>	-29.14	14.94	35.01	0.00	-7.33	<b>2.16</b>	CO 10
			min M <sub>z</sub>	-37.14	5.94	-1.47	0.00	0.01	<b>-3.40</b>	CO 15
	438	8.059	Max N	<b>-12.51</b>	6.03	-1.16	0.00	-0.38	-3.39	CO 9
		0.126	Min N	<b>-207.78</b>	-165.86	110.30	-0.49	-45.67	-103.68	CO 12
	438	8.059	Max V <sub>y</sub>	-29.14	<b>14.94</b>	35.01	0.00	-7.33	2.16	CO 10
	319	0.000	Min V <sub>y</sub>	-201.49	<b>-182.13</b>	134.95	-0.34	-58.91	-124.11	CO 12
	319	0.000	Max V <sub>z</sub>	-201.49	-182.13	<b>134.95</b>	-0.34	-58.91	-124.11	CO 12
		4.533	Min V <sub>z</sub>	-78.79	-3.91	<b>-4.69</b>	0.00	-0.27	18.96	CO 8
		1.800	Max M <sub>T</sub>	-61.61	-3.58	0.86	<b>0.01</b>	0.21	-2.76	CO 15
		0.378	Min M <sub>T</sub>	-171.01	-103.00	59.61	<b>-0.61</b>	-25.16	-66.65	CO 12
		2.000	Max M <sub>y</sub>	-136.69	-15.15	-4.59	-0.03	<b>11.69</b>	1.59	CO 12
	319	0.000	Min M <sub>y</sub>	-201.49	-182.13	134.95	-0.34	<b>-58.91</b>	-124.11	CO 12
		5.037	Max M <sub>z</sub>	-91.00	0.06	-4.68	-0.02	-2.53	<b>24.98</b>	CO 10
	319	0.000	Min M <sub>z</sub>	-201.49	-182.13	134.95	-0.34	-58.91	<b>-124.11</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
406	320	0.000	max N	<b>-126.68</b>	-19.63	22.29	0.76	-7.83	-5.79	CO 1
			min N	<b>-185.53</b>	-118.52	121.41	2.02	-58.91	-53.92	CO 12
			max V <sub>y</sub>	-143.46	<b>-18.13</b>	23.46	0.73	-9.57	-5.85	CO 16
			min V <sub>y</sub>	-173.76	<b>-119.55</b>	120.53	2.04	-57.65	-53.87	CO 10
			max V <sub>z</sub>	-185.53	-118.52	<b>121.41</b>	2.02	-58.91	-53.92	CO 12
			min V <sub>z</sub>	-126.68	-19.63	<b>22.29</b>	0.76	-7.83	-5.79	CO 1
			max M <sub>T</sub>	-173.76	-119.55	120.53	<b>2.04</b>	-57.65	-53.87	CO 10
			min M <sub>T</sub>	-151.16	-29.52	37.86	<b>0.73</b>	-18.56	-13.30	CO 21
			max M <sub>y</sub>	-126.68	-19.63	22.29	0.76	<b>-7.83</b>	-5.79	CO 1
			min M <sub>y</sub>	-185.53	-118.52	121.41	2.02	<b>-58.91</b>	-53.92	CO 12
			max M <sub>z</sub>	-126.68	-19.63	22.29	0.76	-7.83	<b>-5.79</b>	CO 1
			min M <sub>z</sub>	-185.53	-118.52	121.41	2.02	-58.91	<b>-53.92</b>	CO 12
		1.800	max N	<b>-40.04</b>	-4.36	4.39	-0.01	1.30	1.34	CO 1
			min N	<b>-61.81</b>	-12.78	7.82	0.01	0.67	4.66	CO 18
			max V <sub>y</sub>	-41.97	<b>-0.94</b>	5.69	-0.03	-0.97	-3.58	CO 9
			min V <sub>y</sub>	-58.04	<b>-13.38</b>	5.67	0.04	-2.28	3.52	CO 12
			max V <sub>z</sub>	-56.76	-7.35	<b>11.67</b>	-0.04	3.39	1.43	CO 13
			min V <sub>z</sub>	-43.26	-6.93	<b>-0.26</b>	0.05	-6.60	-1.52	CO 8
			max M <sub>T</sub>	-55.06	-7.95	0.36	<b>0.05</b>	-7.14	-1.53	CO 14
			min M <sub>T</sub>	-44.96	-6.36	11.02	<b>-0.04</b>	3.90	1.46	CO 11
			max M <sub>y</sub>	-43.02	-9.78	9.71	-0.03	<b>6.17</b>	6.40	CO 2
			min M <sub>y</sub>	-55.06	-7.95	0.36	0.05	<b>-7.14</b>	-1.53	CO 14
			max M <sub>z</sub>	-43.02	-9.78	9.71	-0.03	6.17	<b>6.40</b>	CO 2
			min M <sub>z</sub>	-53.77	-1.93	6.35	-0.02	-1.49	<b>-3.61</b>	CO 15
			max N	<b>-53.80</b>	-7.94	5.83	-0.02	-6.81	-1.39	CO 8
			min N	<b>-89.16</b>	1.12	0.10	-0.02	6.03	7.11	CO 17
			max V <sub>y</sub>	-89.16	<b>1.12</b>	0.10	-0.02	6.03	7.11	CO 17
			min V <sub>y</sub>	-53.80	<b>-7.94</b>	5.83	-0.02	-6.81	-1.39	CO 8
			max V <sub>z</sub>	-69.26	-7.94	<b>6.28</b>	-0.02	-7.30	-1.31	CO 14
			min V <sub>z</sub>	-67.08	1.11	<b>-0.53</b>	-0.01	6.69	7.00	CO 2
			max M <sub>T</sub>	-53.98	-2.82	5.45	<b>0.02</b>	-0.83	-3.57	CO 9
			min M <sub>T</sub>	-80.44	-7.10	5.76	<b>-0.03</b>	-2.22	4.02	CO 12
			max M <sub>y</sub>	-67.08	1.11	-0.53	-0.01	<b>6.69</b>	7.00	CO 2
			min M <sub>y</sub>	-69.26	-7.94	6.28	-0.02	<b>-7.30</b>	-1.31	CO 14
			max M <sub>z</sub>	-89.16	1.12	0.10	-0.02	6.03	<b>7.11</b>	CO 17
			min M <sub>z</sub>	-53.98	-2.82	5.45	0.02	-0.83	<b>-3.57</b>	CO 9
	439	7.900	max N	<b>-10.98</b>	7.14	-3.93	-0.02	-1.00	1.05	CO 8
			min N	<b>-46.34</b>	1.14	0.07	-0.02	6.54	0.15	CO 17
			max V <sub>y</sub>	-37.62	<b>8.02</b>	-4.03	-0.03	3.08	1.17	CO 12
			min V <sub>y</sub>	-13.07	<b>0.27</b>	-0.02	-0.01	1.50	0.04	CO 1
			max V <sub>z</sub>	-35.16	0.29	<b>0.61</b>	-0.01	4.67	0.03	CO 16

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-22.34	3.74	<b>-4.85</b>	0.02	4.50	-3.65	CO 11
			max M <sub>T</sub>	-11.16	2.89	-4.32	<b>0.02</b>	2.63	-3.77	CO 9
			min M <sub>T</sub>	-37.62	8.02	-4.03	<b>-0.03</b>	3.08	1.17	CO 12
			max M <sub>y</sub>	-45.19	2.71	-2.51	0.00	<b>7.22</b>	-2.13	CO 19
			min M <sub>y</sub>	-10.98	7.14	-3.93	-0.02	<b>-1.00</b>	1.05	CO 8
			max M <sub>z</sub>	-22.16	8.00	-4.46	-0.03	0.87	<b>1.17</b>	CO 10
			min M <sub>z</sub>	-26.62	2.90	-3.88	0.02	4.84	<b>-3.78</b>	CO 15
	439	7.900	Max N	<b>-10.98</b>	7.14	-3.93	-0.02	-1.00	1.05	CO 8
		0.247	Min N	<b>-200.97</b>	-63.98	68.78	1.41	-36.94	-32.82	CO 12
	439	7.900	Max V <sub>y</sub>	-37.62	<b>8.02</b>	-4.03	-0.03	3.08	1.17	CO 12
	320	0.000	Min V <sub>y</sub>	-173.76	<b>-119.55</b>	120.53	2.04	-57.65	-53.87	CO 10
	320	0.000	Max V <sub>z</sub>	-185.53	-118.52	<b>121.41</b>	2.02	-58.91	-53.92	CO 12
	439	7.900	Min V <sub>z</sub>	-22.34	3.74	<b>-4.85</b>	0.02	4.50	-3.65	CO 11
	320	0.000	Max M <sub>T</sub>	-173.76	-119.55	120.53	<b>2.04</b>	-57.65	-53.87	CO 10
		1.800	Min M <sub>T</sub>	-44.96	-6.36	11.02	<b>-0.04</b>	3.90	1.46	CO 11
		5.184	Max M <sub>y</sub>	-56.86	1.21	-0.06	0.01	<b>12.81</b>	3.09	CO 13
	320	0.000	Min M <sub>y</sub>	-185.53	-118.52	121.41	2.02	<b>-58.91</b>	-53.92	CO 12
		4.691	Max M <sub>z</sub>	-60.15	0.07	1.12	-0.03	7.74	<b>14.17</b>	CO 12
	320	0.000	Min M <sub>z</sub>	-185.53	-118.52	121.41	2.02	-58.91	<b>-53.92</b>	CO 12
407	318	0.000	max N	<b>-62.66</b>	-96.17	124.83	0.29	-54.97	-66.69	CO 8
			min N	<b>-158.10</b>	-135.47	-7.12	0.06	3.12	-75.83	CO 17
			max V <sub>y</sub>	-126.97	<b>-56.15</b>	-4.34	0.05	1.85	-28.37	CO 1
			min V <sub>y</sub>	-85.25	<b>-175.26</b>	123.55	0.29	-54.37	-113.82	CO 12
			max V <sub>z</sub>	-62.66	-96.17	<b>124.83</b>	0.29	-54.97	-66.69	CO 8
			min V <sub>z</sub>	-148.17	-154.85	<b>-9.20</b>	0.05	4.04	-96.63	CO 13
			max M <sub>T</sub>	-85.25	-175.26	123.55	<b>0.29</b>	-54.37	-113.82	CO 12
			min M <sub>T</sub>	-144.29	-76.25	-8.73	<b>0.04</b>	3.79	-50.12	CO 15
			max M <sub>y</sub>	-148.17	-154.85	-9.20	0.05	<b>4.04</b>	-96.63	CO 13
			min M <sub>y</sub>	-62.66	-96.17	124.83	0.29	<b>-54.97</b>	-66.69	CO 8
			max M <sub>z</sub>	-126.97	-56.15	-4.34	0.05	1.85	<b>-28.37</b>	CO 1
			min M <sub>z</sub>	-85.25	-175.26	123.55	0.29	-54.37	<b>-113.82</b>	CO 12
		1.800	max N	<b>17.87</b>	-12.78	25.29	0.17	3.50	1.88	CO 8
			min N	<b>-91.07</b>	-3.01	-1.60	0.02	-0.28	13.10	CO 17
			max V <sub>y</sub>	-78.04	<b>-0.93</b>	-1.50	0.00	-0.27	4.14	CO 16
			min V <sub>y</sub>	4.99	<b>-14.84</b>	25.25	0.19	3.50	10.86	CO 10
			max V <sub>z</sub>	17.87	-12.78	<b>25.29</b>	0.17	3.50	1.88	CO 8
			min V <sub>z</sub>	-81.19	-5.64	<b>-2.46</b>	0.02	-0.54	5.59	CO 13
			max M <sub>T</sub>	4.99	-14.84	25.25	<b>0.19</b>	3.50	10.86	CO 10
			min M <sub>T</sub>	-78.04	-0.93	-1.50	<b>0.00</b>	-0.27	4.14	CO 16
			max M <sub>y</sub>	-2.09	-12.68	25.20	0.17	<b>3.54</b>	1.35	CO 14
			min M <sub>y</sub>	-60.99	-5.77	-2.27	0.03	<b>-0.56</b>	6.17	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-62.22	-3.18	-1.33	0.02	-0.30	<b>13.90</b>	CO 2
			min M <sub>z</sub>	-68.16	-3.57	-2.36	0.00	-0.53	<b>-3.36</b>	CO 15
			max N	<b>23.34</b>	-15.86	34.28	0.24	3.47	1.91	CO 8
			min N	<b>-120.54</b>	2.04	-1.99	0.07	-0.28	13.70	CO 17
			max V <sub>y</sub>	-82.39	<b>2.19</b>	-1.40	0.07	-0.31	14.56	CO 2
			min V <sub>y</sub>	-3.06	<b>-15.97</b>	34.01	0.24	3.51	1.34	CO 14
			max V <sub>z</sub>	23.34	-15.86	<b>34.28</b>	0.24	3.47	1.91	CO 8
			min V <sub>z</sub>	-107.47	-4.86	<b>-2.69</b>	0.09	-0.56	5.74	CO 13
			max M <sub>T</sub>	-19.89	-14.55	33.95	<b>0.29</b>	3.50	10.74	CO 12
			min M <sub>T</sub>	-103.51	0.65	-1.84	<b>0.02</b>	-0.27	4.33	CO 16
			max M <sub>y</sub>	-3.06	-15.97	34.01	0.24	<b>3.51</b>	1.34	CO 14
			min M <sub>y</sub>	-80.75	-4.75	-2.27	0.09	<b>-0.58</b>	6.36	CO 11
			max M <sub>z</sub>	-82.39	2.19	-1.40	0.07	-0.31	<b>14.56</b>	CO 2
			min M <sub>z</sub>	-90.44	-6.26	-2.54	0.04	-0.55	<b>-3.62</b>	CO 15
		2.000	max N	<b>24.75</b>	-14.87	34.28	0.24	10.32	4.99	CO 8
			min N	<b>-119.14</b>	2.05	-2.00	0.07	-0.68	13.30	CO 17
			max V <sub>y</sub>	-80.98	<b>2.19</b>	-1.41	0.07	-0.60	14.12	CO 2
			min V <sub>y</sub>	-1.66	<b>-14.98</b>	34.01	0.24	10.31	4.44	CO 14
			max V <sub>z</sub>	24.75	-14.87	<b>34.28</b>	0.24	10.32	4.99	CO 8
			min V <sub>z</sub>	-106.07	-4.48	<b>-2.69</b>	0.09	-1.09	6.67	CO 13
			max M <sub>T</sub>	-18.49	-13.56	33.95	<b>0.28</b>	10.29	13.55	CO 12
			min M <sub>T</sub>	-102.11	0.65	-1.85	<b>0.02</b>	-0.64	4.20	CO 16
			max M <sub>y</sub>	24.75	-14.87	34.28	0.24	<b>10.32</b>	4.99	CO 8
			min M <sub>y</sub>	-106.07	-4.48	-2.69	0.09	<b>-1.09</b>	6.67	CO 13
			max M <sub>z</sub>	-80.98	2.19	-1.41	0.07	-0.60	<b>14.12</b>	CO 2
			min M <sub>z</sub>	-89.03	-5.88	-2.54	0.04	-1.05	<b>-2.41</b>	CO 15
			max N	<b>-13.63</b>	-14.91	-4.04	0.15	10.32	4.90	CO 8
			min N	<b>-116.54</b>	2.05	0.13	0.03	-0.68	13.25	CO 17
			max V <sub>y</sub>	-78.96	<b>2.19</b>	0.15	0.03	-0.60	14.08	CO 2
			min V <sub>y</sub>	-39.79	<b>-15.02</b>	-4.07	0.15	10.31	4.35	CO 14
			max V <sub>z</sub>	-76.24	-4.38	<b>0.36</b>	0.04	-1.04	7.23	CO 11
			min V <sub>z</sub>	-56.57	-13.62	<b>-4.07</b>	0.17	10.29	13.43	CO 12
			max M <sub>T</sub>	-56.57	-13.62	-4.07	<b>0.17</b>	10.29	13.43	CO 12
			min M <sub>T</sub>	-62.08	0.78	0.15	<b>0.01</b>	-0.55	5.01	CO 1
			max M <sub>y</sub>	-13.63	-14.91	-4.04	0.15	<b>10.32</b>	4.90	CO 8
			min M <sub>y</sub>	-102.54	-4.48	0.34	0.04	<b>-1.09</b>	6.63	CO 13
			max M <sub>z</sub>	-78.96	2.19	0.15	0.03	-0.60	<b>14.08</b>	CO 2
			min M <sub>z</sub>	-85.67	-5.88	0.34	0.02	-1.05	<b>-2.42</b>	CO 15
		8.019	max N	<b>28.63</b>	14.79	-4.06	0.14	-14.05	5.20	CO 8
			min N	<b>-74.29</b>	2.10	0.13	0.03	0.11	0.70	CO 17
			max V <sub>y</sub>	11.85	<b>16.23</b>	-4.06	0.15	-14.11	5.68	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-57.41	<b>0.66</b>	0.13	0.01	0.13	0.22	CO 16
			max V <sub>z</sub>	-33.99	6.94	<b>0.36</b>	0.04	1.11	-0.53	CO 11
			min V <sub>z</sub>	-14.31	16.17	<b>-4.09</b>	0.15	-14.30	5.67	CO 12
			max M <sub>T</sub>	-14.31	16.17	-4.09	<b>0.15</b>	-14.30	5.67	CO 12
			min M <sub>T</sub>	-19.83	0.79	0.15	<b>0.01</b>	0.32	0.26	CO 1
			max M <sub>y</sub>	-17.11	5.51	0.35	0.02	<b>1.14</b>	-1.00	CO 9
			min M <sub>y</sub>	-14.31	16.17	-4.09	0.15	<b>-14.30</b>	5.67	CO 12
			max M <sub>z</sub>	11.85	16.23	-4.06	0.15	-14.11	<b>5.68</b>	CO 10
			min M <sub>z</sub>	-43.42	5.41	0.34	0.02	1.01	<b>-1.02</b>	CO 15
			max N	<b>-12.14</b>	14.90	35.35	-0.02	-14.05	5.36	CO 8
			min N	<b>-74.52</b>	2.11	0.78	0.00	0.11	0.72	CO 17
			max V <sub>y</sub>	-29.38	<b>16.35</b>	35.78	-0.03	-14.11	5.85	CO 10
			min V <sub>y</sub>	-57.29	<b>0.66</b>	0.44	0.00	0.13	0.23	CO 16
			max V <sub>z</sub>	-55.93	16.29	<b>36.14</b>	-0.02	-14.29	5.84	CO 12
			min V <sub>z</sub>	-15.80	5.51	<b>-0.46</b>	0.00	1.14	-0.98	CO 9
			max M <sub>T</sub>	-59.59	6.85	0.10	<b>0.00</b>	0.98	-0.52	CO 13
			min M <sub>T</sub>	-29.38	16.35	35.78	<b>-0.03</b>	-14.11	5.85	CO 10
			max M <sub>y</sub>	-15.80	5.51	-0.46	0.00	<b>1.14</b>	-0.98	CO 9
			min M <sub>y</sub>	-55.93	16.29	36.14	-0.02	<b>-14.29</b>	5.84	CO 12
			max M <sub>z</sub>	-29.38	16.35	35.78	-0.03	-14.11	<b>5.85</b>	CO 10
			min M <sub>z</sub>	-42.36	5.42	-0.24	0.00	1.01	<b>-1.00</b>	CO 15
	440	8.219	max N	<b>-10.74</b>	15.89	35.35	-0.02	-6.98	2.28	CO 8
			min N	<b>-73.12</b>	2.11	0.78	0.00	0.26	0.30	CO 17
			max V <sub>y</sub>	-27.97	<b>17.34</b>	35.78	-0.02	-6.95	2.48	CO 10
			min V <sub>y</sub>	-55.88	<b>0.66</b>	0.44	0.00	0.22	0.10	CO 16
			max V <sub>z</sub>	-54.53	17.27	<b>36.14</b>	-0.02	-7.07	2.49	CO 12
			min V <sub>z</sub>	-14.40	5.88	<b>-0.46</b>	0.00	1.05	-2.12	CO 9
			max M <sub>T</sub>	-58.18	7.23	0.10	<b>0.00</b>	1.00	-1.92	CO 13
			min M <sub>T</sub>	-27.97	17.34	35.78	<b>-0.02</b>	-6.95	2.48	CO 10
			max M <sub>y</sub>	-31.63	7.32	-0.12	0.00	<b>1.09</b>	-1.92	CO 11
			min M <sub>y</sub>	-37.30	15.82	35.71	-0.01	<b>-7.09</b>	2.28	CO 14
			max M <sub>z</sub>	-54.53	17.27	36.14	-0.02	-7.07	<b>2.49</b>	CO 12
			min M <sub>z</sub>	-40.95	5.79	-0.24	0.00	0.96	<b>-2.12</b>	CO 15
		8.019	Max N	<b>28.63</b>	14.79	-4.06	0.14	-14.05	5.20	CO 8
		0.125	Min N	<b>-163.86</b>	-122.80	-5.87	0.20	2.43	-61.38	CO 17
	440	8.219	Max V <sub>y</sub>	-27.97	<b>17.34</b>	35.78	-0.02	-6.95	2.48	CO 10
	318	0.000	Min V <sub>y</sub>	-85.25	<b>-175.26</b>	123.55	0.29	-54.37	-113.82	CO 12
	318	0.000	Max V <sub>z</sub>	-62.66	-96.17	<b>124.83</b>	0.29	-54.97	-66.69	CO 8
	318	0.000	Min V <sub>z</sub>	-148.17	-154.85	<b>-9.20</b>	0.05	4.04	-96.63	CO 13
		0.498	Max M <sub>T</sub>	-56.35	-76.78	37.63	<b>0.70</b>	-17.83	-46.41	CO 12
		8.019	Min M <sub>T</sub>	-29.38	16.35	35.78	<b>-0.03</b>	-14.11	5.85	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		2.000	Max M <sub>y</sub>	24.75	-14.87	34.28	0.24	<b>10.32</b>	4.99	CO 8
	318	0.000	Min M <sub>y</sub>	-62.66	-96.17	124.83	0.29	<b>-54.97</b>	-66.69	CO 8
		4.732	Max M <sub>z</sub>	-11.24	0.02	-4.06	0.17	-0.77	<b>32.40</b>	CO 10
	318	0.000	Min M <sub>z</sub>	-85.25	-175.26	123.55	0.29	-54.37	<b>-113.82</b>	CO 12
408	316	0.000	max N	<b>-117.42</b>	-66.89	31.92	-1.62	-29.23	-33.72	CO 8
			min N	<b>-181.61</b>	-100.47	-101.48	-3.86	49.00	-39.14	CO 19
			max V <sub>y</sub>	-157.97	<b>-25.84</b>	-22.72	-1.66	10.35	-5.00	CO 16
			min V <sub>y</sub>	-134.21	<b>-130.25</b>	-31.33	-3.78	-1.21	-59.44	CO 10
			max V <sub>z</sub>	-117.42	-66.89	<b>31.92</b>	-1.62	-29.23	-33.72	CO 8
			min V <sub>z</sub>	-180.80	-108.25	<b>-111.49</b>	-3.89	55.51	-44.76	CO 13
			max M <sub>T</sub>	-129.88	-66.25	31.30	<b>-1.61</b>	-28.01	-33.71	CO 14
			min M <sub>T</sub>	-168.31	-108.89	-110.80	<b>-3.90</b>	54.23	-44.77	CO 11
			max M <sub>y</sub>	-180.80	-108.25	-111.49	-3.89	<b>55.51</b>	-44.76	CO 13
			min M <sub>y</sub>	-117.42	-66.89	31.92	-1.62	<b>-29.23</b>	-33.72	CO 8
			max M <sub>z</sub>	-157.97	-25.84	-22.72	-1.66	10.35	<b>-5.00</b>	CO 16
			min M <sub>z</sub>	-134.21	-130.25	-31.33	-3.78	-1.21	<b>-59.44</b>	CO 10
		1.800	max N	<b>-33.02</b>	-0.04	-11.16	0.22	-12.75	-5.80	CO 8
			min N	<b>-60.64</b>	-9.34	-10.57	0.04	-3.08	2.96	CO 19
			max V <sub>y</sub>	-33.02	<b>-0.04</b>	-11.16	0.22	-12.75	-5.80	CO 8
			min V <sub>y</sub>	-58.96	<b>-11.27</b>	-10.37	0.02	-5.15	6.03	CO 17
			max V <sub>z</sub>	-40.91	-4.55	<b>-4.44</b>	0.01	-1.25	1.24	CO 1
			min V <sub>z</sub>	-46.27	-6.32	<b>-16.91</b>	0.24	-16.94	-1.02	CO 12
			max M <sub>T</sub>	-35.10	-5.35	-16.38	<b>0.24</b>	-17.48	-0.99	CO 10
			min M <sub>T</sub>	-56.88	-5.95	-5.16	<b>0.00</b>	-0.44	1.21	CO 16
			max M <sub>y</sub>	-54.88	-2.34	-5.28	0.04	<b>2.77</b>	-3.89	CO 15
			min M <sub>y</sub>	-35.10	-5.35	-16.38	0.24	<b>-17.48</b>	-0.99	CO 10
			max M <sub>z</sub>	-42.99	-9.86	-9.64	0.03	-5.96	<b>6.06</b>	CO 2
			min M <sub>z</sub>	-44.19	-1.01	-11.69	0.21	-12.21	<b>-5.84</b>	CO 14
			max N	<b>-48.56</b>	-9.22	10.71	-0.01	-13.80	-6.05	CO 8
			min N	<b>-87.79</b>	0.99	-0.06	0.00	-5.71	6.74	CO 17
			max V <sub>y</sub>	-87.79	<b>0.99</b>	-0.06	0.00	-5.71	6.74	CO 17
			min V <sub>y</sub>	-48.56	<b>-9.22</b>	10.71	-0.01	-13.80	-6.05	CO 8
			max V <sub>z</sub>	-58.35	-8.47	<b>11.20</b>	0.00	-18.73	-0.99	CO 10
			min V <sub>z</sub>	-70.09	-3.51	<b>-6.39</b>	0.00	2.64	-3.78	CO 15
			max M <sub>T</sub>	-87.79	0.99	-0.06	<b>0.00</b>	-5.71	6.74	CO 17
			min M <sub>T</sub>	-48.56	-9.22	10.71	<b>-0.01</b>	-13.80	-6.05	CO 8
			max M <sub>y</sub>	-70.09	-3.51	-6.39	0.00	<b>2.64</b>	-3.78	CO 15
			min M <sub>y</sub>	-58.35	-8.47	11.20	0.00	<b>-18.73</b>	-0.99	CO 10
			max M <sub>z</sub>	-87.79	0.99	-0.06	0.00	-5.71	<b>6.74</b>	CO 17
			min M <sub>z</sub>	-48.56	-9.22	10.71	-0.01	-13.80	<b>-6.05</b>	CO 8
	452	8.378	max N	<b>-2.38</b>	7.05	-6.23	-0.01	0.94	1.07	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-41.61</b>	1.01	-0.03	0.00	-5.98	0.15	CO 17
			max V <sub>y</sub>	-26.81	<b>7.82</b>	-6.13	-0.01	-2.82	1.19	CO 12
			min V <sub>y</sub>	-10.91	<b>0.24</b>	0.04	0.00	-1.32	0.03	CO 1
			max V <sub>z</sub>	-19.09	3.41	<b>5.05</b>	0.00	-4.23	-0.88	CO 11
			min V <sub>z</sub>	-17.01	7.06	<b>-6.63</b>	-0.01	-1.16	1.07	CO 14
			max M <sub>T</sub>	-41.61	1.01	-0.03	<b>0.00</b>	-5.98	0.15	CO 17
			min M <sub>T</sub>	-2.38	7.05	-6.23	<b>-0.01</b>	0.94	1.07	CO 8
			max M <sub>y</sub>	-2.38	7.05	-6.23	-0.01	<b>0.94</b>	1.07	CO 8
			min M <sub>y</sub>	-40.64	2.46	2.68	0.00	<b>-6.74</b>	-0.47	CO 19
			max M <sub>z</sub>	-26.81	7.82	-6.13	-0.01	-2.82	<b>1.19</b>	CO 12
			min M <sub>z</sub>	-23.92	2.66	4.16	0.00	-4.69	<b>-1.00</b>	CO 15
	452	8.378	Max N	<b>-2.38</b>	7.05	-6.23	-0.01	0.94	1.07	CO 8
		0.246	Min N	<b>-193.84</b>	-51.85	-62.35	-0.62	33.17	-27.32	CO 13
	452	8.378	Max V <sub>y</sub>	-26.81	<b>7.82</b>	-6.13	-0.01	-2.82	1.19	CO 12
	316	0.000	Min V <sub>y</sub>	-134.21	<b>-130.25</b>	-31.33	-3.78	-1.21	-59.44	CO 10
		0.123	Max V <sub>z</sub>	-117.45	-53.19	<b>33.76</b>	0.22	-24.88	-26.77	CO 8
	316	0.000	Min V <sub>z</sub>	-180.80	-108.25	<b>-111.49</b>	-3.89	55.51	-44.76	CO 13
		0.246	Max M <sub>T</sub>	-109.21	-39.01	32.37	<b>0.93</b>	-20.01	-21.08	CO 8
	316	0.000	Min M <sub>T</sub>	-168.31	-108.89	-110.80	<b>-3.90</b>	54.23	-44.77	CO 11
	316	0.000	Max M <sub>y</sub>	-180.80	-108.25	-111.49	-3.89	<b>55.51</b>	-44.76	CO 13
	316	0.000	Min M <sub>y</sub>	-117.42	-66.89	31.92	-1.62	<b>-29.23</b>	-33.72	CO 8
		5.175	Max M <sub>z</sub>	-49.30	-0.11	2.12	0.00	3.61	<b>13.54</b>	CO 12
	316	0.000	Min M <sub>z</sub>	-134.21	-130.25	-31.33	-3.78	-1.21	<b>-59.44</b>	CO 10
413	340	0.000	max N	<b>-56.20</b>	-1.04	-0.35	-0.01	1.21	-7.63	CO 9
			min N	<b>-169.28</b>	-0.25	-0.13	-0.01	0.92	-1.91	CO 17
			max V <sub>y</sub>	-63.20	<b>-0.04</b>	-0.09	0.00	0.30	-0.32	CO 1
			min V <sub>y</sub>	-140.46	<b>-1.46</b>	3.84	0.00	-27.50	-10.71	CO 12
			max V <sub>z</sub>	-56.45	-1.31	<b>3.93</b>	0.01	-27.81	-9.37	CO 8
			min V <sub>z</sub>	-140.21	-1.19	<b>-0.39</b>	-0.01	1.70	-8.93	CO 13
			max M <sub>T</sub>	-56.45	-1.31	3.93	<b>0.01</b>	-27.81	-9.37	CO 8
			min M <sub>T</sub>	-140.21	-1.19	-0.39	<b>-0.01</b>	1.70	-8.93	CO 13
			max M <sub>y</sub>	-140.21	-1.19	-0.39	-0.01	<b>1.70</b>	-8.93	CO 13
			min M <sub>y</sub>	-56.45	-1.31	3.93	0.01	<b>-27.81</b>	-9.37	CO 8
			max M <sub>z</sub>	-63.20	-0.04	-0.09	0.00	0.30	<b>-0.32</b>	CO 1
			min M <sub>z</sub>	-140.46	-1.46	3.84	0.00	-27.50	<b>-10.71</b>	CO 12
	464	7.259	max N	<b>-17.00</b>	-1.04	-0.35	-0.01	-1.36	-0.06	CO 9
			min N	<b>-130.08</b>	-0.27	-0.14	-0.01	-0.07	0.01	CO 17
			max V <sub>y</sub>	-24.00	<b>-0.04</b>	-0.09	0.00	-0.38	0.00	CO 1
			min V <sub>y</sub>	-101.25	<b>-1.51</b>	3.98	0.00	1.15	0.20	CO 12
			max V <sub>z</sub>	-101.25	-1.51	<b>3.98</b>	0.00	1.15	0.20	CO 12
			min V <sub>z</sub>	-101.01	-1.23	<b>-0.39</b>	-0.01	-1.14	-0.06	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-17.24	-1.32	3.95	<b>0.01</b>	0.89	0.20	CO 8
			min M <sub>T</sub>	-101.01	-1.23	-0.39	<b>-0.01</b>	-1.14	-0.06	CO 13
			max M <sub>y</sub>	-68.73	-1.43	3.97	0.00	<b>1.15</b>	0.20	CO 14
			min M <sub>y</sub>	-49.52	-1.13	-0.38	-0.01	<b>-1.37</b>	-0.06	CO 11
			max M <sub>z</sub>	-49.76	-1.40	3.95	0.01	0.89	<b>0.20</b>	CO 10
			min M <sub>z</sub>	-101.01	-1.23	-0.39	-0.01	-1.14	<b>-0.06</b>	CO 13
	464	7.259	Max N	<b>-17.00</b>	-1.04	-0.35	-0.01	-1.36	-0.06	CO 9
	340	0.000	Min N	<b>-169.28</b>	-0.25	-0.13	-0.01	0.92	-1.91	CO 17
	340	0.000	Max V <sub>y</sub>	-63.20	<b>-0.04</b>	-0.09	0.00	0.30	-0.32	CO 1
		6.008	Min V <sub>y</sub>	-108.01	<b>-1.52</b>	3.98	0.00	-3.83	-1.70	CO 12
		5.507	Max V <sub>z</sub>	-78.19	-1.43	<b>3.98</b>	0.00	-5.82	-2.31	CO 14
		4.005	Min V <sub>z</sub>	-118.58	-1.23	<b>-0.39</b>	-0.01	0.13	-4.07	CO 13
	340	0.000	Max M <sub>T</sub>	-56.45	-1.31	3.93	<b>0.01</b>	-27.81	-9.37	CO 8
	340	0.000	Min M <sub>T</sub>	-140.21	-1.19	-0.39	<b>-0.01</b>	1.70	-8.93	CO 13
	340	0.000	Max M <sub>y</sub>	-140.21	-1.19	-0.39	-0.01	<b>1.70</b>	-8.93	CO 13
	340	0.000	Min M <sub>y</sub>	-56.45	-1.31	3.93	0.01	<b>-27.81</b>	-9.37	CO 8
	464	7.259	Max M <sub>z</sub>	-49.76	-1.40	3.95	0.01	0.89	<b>0.20</b>	CO 10
	340	0.000	Min M <sub>z</sub>	-140.46	-1.46	3.84	0.00	-27.50	<b>-10.71</b>	CO 12
414	343	0.000	max N	<b>-121.03</b>	0.77	102.89	0.17	-79.96	0.68	CO 8
			min N	<b>-159.55</b>	-0.87	142.64	0.03	-79.67	-0.36	CO 17
			max V <sub>y</sub>	-121.03	<b>0.77</b>	102.89	0.17	-79.96	0.68	CO 8
			min V <sub>y</sub>	-147.14	<b>-13.94</b>	168.65	0.07	-105.16	-6.40	CO 13
			max V <sub>z</sub>	-146.78	0.26	<b>186.39</b>	0.17	-129.63	0.44	CO 12
			min V <sub>z</sub>	-124.80	-0.25	<b>58.75</b>	0.04	-29.74	-0.06	CO 1
			max M <sub>T</sub>	-125.76	0.46	185.12	<b>0.18</b>	-128.44	0.54	CO 10
			min M <sub>T</sub>	-154.83	-0.55	60.43	<b>0.03</b>	-31.23	-0.22	CO 16
			max M <sub>y</sub>	-124.80	-0.25	58.75	0.04	<b>-29.74</b>	-0.06	CO 1
			min M <sub>y</sub>	-146.78	0.26	186.39	0.17	<b>-129.63</b>	0.44	CO 12
			max M <sub>z</sub>	-121.03	0.77	102.89	0.17	-79.96	<b>0.68</b>	CO 8
			min M <sub>z</sub>	-147.14	-13.94	168.65	0.07	-105.16	<b>-6.40</b>	CO 13
		1.800	max N	<b>-42.39</b>	8.83	8.11	-0.05	1.18	-4.76	CO 9
			min N	<b>-91.91</b>	0.52	6.62	-0.04	15.93	-0.28	CO 17
			max V <sub>y</sub>	-79.48	<b>9.23</b>	12.44	-0.07	11.45	-4.97	CO 13
			min V <sub>y</sub>	-42.92	<b>-0.93</b>	2.31	-0.12	-18.67	0.51	CO 8
			max V <sub>z</sub>	-79.48	9.23	<b>12.44</b>	-0.07	11.45	-4.97	CO 13
			min V <sub>z</sub>	-45.31	0.09	<b>2.01</b>	-0.02	5.54	-0.05	CO 1
			max M <sub>T</sub>	-45.31	0.09	2.01	<b>-0.02</b>	5.54	-0.05	CO 1
			min M <sub>T</sub>	-80.03	-0.59	6.56	<b>-0.15</b>	-8.59	0.33	CO 12
			max M <sub>y</sub>	-91.91	0.52	6.62	-0.04	<b>15.93</b>	-0.28	CO 17
			min M <sub>y</sub>	-42.92	-0.93	2.31	-0.12	<b>-18.67</b>	0.51	CO 8
			max M <sub>z</sub>	-42.92	-0.93	2.31	-0.12	-18.67	<b>0.51</b>	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-79.48	9.23	12.44	-0.07	11.45	<b>-4.97</b>	CO 13
			max N	<b>-57.29</b>	-0.81	10.17	-0.02	1.18	-5.12	CO 9
			min N	<b>-123.69</b>	-0.05	-0.57	0.00	16.69	-0.30	CO 17
			max V <sub>y</sub>	-58.01	<b>0.10</b>	13.26	-0.05	-19.91	0.55	CO 8
			min V <sub>y</sub>	-106.98	<b>-0.84</b>	9.84	-0.02	11.93	-5.35	CO 13
			max V <sub>z</sub>	-87.81	0.09	<b>14.05</b>	-0.06	-19.76	0.46	CO 14
			min V <sub>z</sub>	-81.12	-0.03	<b>-1.69</b>	0.00	16.29	-0.17	CO 2
			max M <sub>T</sub>	-61.22	-0.01	-0.55	<b>0.00</b>	5.81	-0.05	CO 1
			min M <sub>T</sub>	-107.71	0.07	12.93	<b>-0.06</b>	-9.37	0.35	CO 12
			max M <sub>y</sub>	-123.69	-0.05	-0.57	0.00	<b>16.69</b>	-0.30	CO 17
			min M <sub>y</sub>	-58.01	0.10	13.26	-0.05	<b>-19.91</b>	0.55	CO 8
			max M <sub>z</sub>	-58.01	0.10	13.26	-0.05	-19.91	<b>0.55</b>	CO 8
			min M <sub>z</sub>	-106.98	-0.84	9.84	-0.02	11.93	<b>-5.35</b>	CO 13
	465	7.900	max N	<b>-14.46</b>	-0.81	-9.37	-0.01	3.61	-0.17	CO 9
			min N	<b>-80.86</b>	-0.05	-0.68	0.00	12.81	-0.01	CO 17
			max V <sub>y</sub>	-15.20	<b>0.10</b>	-6.36	-0.05	1.18	-0.07	CO 8
			min V <sub>y</sub>	-64.15	<b>-0.85</b>	-9.82	-0.02	11.92	-0.18	CO 13
			max V <sub>z</sub>	-60.97	-0.03	<b>0.50</b>	0.00	9.40	-0.01	CO 16
			min V <sub>z</sub>	-34.36	-0.83	<b>-10.54</b>	-0.02	7.00	-0.17	CO 11
			max M <sub>T</sub>	-18.40	-0.01	-0.57	<b>0.00</b>	2.38	0.00	CO 1
			min M <sub>T</sub>	-64.91	0.07	-6.75	<b>-0.06</b>	9.51	-0.08	CO 12
			max M <sub>y</sub>	-78.50	-0.53	-5.98	-0.01	<b>13.54</b>	-0.11	CO 19
			min M <sub>y</sub>	-15.20	0.10	-6.36	-0.05	<b>1.18</b>	-0.07	CO 8
			max M <sub>z</sub>	-18.40	-0.01	-0.57	0.00	2.38	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-64.15	-0.85	-9.82	-0.02	11.92	<b>-0.18</b>	CO 13
	465	7.900	Max N	<b>-14.46</b>	-0.81	-9.37	-0.01	3.61	-0.17	CO 9
		0.123	Min N	<b>-167.39</b>	-0.68	130.10	0.15	-64.72	-0.28	CO 17
		1.800	Max V <sub>y</sub>	-79.48	<b>9.23</b>	12.44	-0.07	11.45	-4.97	CO 13
	343	0.000	Min V <sub>y</sub>	-147.14	<b>-13.94</b>	168.65	0.07	-105.16	-6.40	CO 13
	343	0.000	Max V <sub>z</sub>	-146.78	0.26	<b>186.39</b>	0.17	-129.63	0.44	CO 12
	465	7.900	Min V <sub>z</sub>	-34.36	-0.83	<b>-10.54</b>	-0.02	7.00	-0.17	CO 11
		0.370	Max M <sub>T</sub>	-113.62	0.64	107.06	<b>0.72</b>	-71.13	0.31	CO 10
		1.800	Min M <sub>T</sub>	-80.03	-0.59	6.56	<b>-0.15</b>	-8.59	0.33	CO 12
		4.938	Max M <sub>y</sub>	-84.96	-0.85	-0.29	-0.02	<b>26.91</b>	-2.70	CO 13
	343	0.000	Min M <sub>y</sub>	-146.78	0.26	186.39	0.17	<b>-129.63</b>	0.44	CO 12
	343	0.000	Max M <sub>z</sub>	-121.03	0.77	102.89	0.17	-79.96	<b>0.68</b>	CO 8
	343	0.000	Min M <sub>z</sub>	-147.14	-13.94	168.65	0.07	-105.16	<b>-6.40</b>	CO 13
421	331	0.000	max N	<b>-49.76</b>	0.80	3.95	0.02	-27.59	5.81	CO 8
			min N	<b>-175.98</b>	-0.22	0.34	0.01	-1.53	-1.72	CO 17
			max V <sub>y</sub>	-49.76	<b>0.80</b>	3.95	0.02	-27.59	5.81	CO 8
			min V <sub>y</sub>	-146.23	<b>-1.13</b>	0.43	0.01	-1.28	-8.69	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-136.79	0.64	<b>4.05</b>	0.03	-28.58	4.70	CO 12
			min V <sub>z</sub>	-66.14	-0.04	<b>0.17</b>	0.00	-0.54	-0.26	CO 1
			max M <sub>T</sub>	-136.79	0.64	4.05	<b>0.03</b>	-28.58	4.70	CO 12
			min M <sub>T</sub>	-66.14	-0.04	0.17	<b>0.00</b>	-0.54	-0.26	CO 1
			max M <sub>y</sub>	-59.20	-1.00	0.28	0.01	<b>-0.45</b>	-7.51	CO 9
			min M <sub>y</sub>	-136.79	0.64	4.05	0.03	<b>-28.58</b>	4.70	CO 12
			max M <sub>z</sub>	-49.76	0.80	3.95	0.02	-27.59	<b>5.81</b>	CO 8
			min M <sub>z</sub>	-146.23	-1.13	0.43	0.01	-1.28	<b>-8.69</b>	CO 13
	466	7.419	max N	<b>-9.70</b>	0.81	3.97	0.02	1.90	-0.19	CO 8
			min N	<b>-135.92</b>	-0.24	0.35	0.01	1.06	0.01	CO 17
			max V <sub>y</sub>	-9.70	<b>0.81</b>	3.97	0.02	1.90	-0.19	CO 8
			min V <sub>y</sub>	-106.17	<b>-1.18</b>	0.43	0.01	1.94	-0.05	CO 13
			max V <sub>z</sub>	-96.72	0.66	<b>4.18</b>	0.03	2.24	-0.18	CO 12
			min V <sub>z</sub>	-26.08	-0.04	<b>0.17</b>	0.00	0.73	0.00	CO 1
			max M <sub>T</sub>	-96.72	0.66	4.18	<b>0.03</b>	2.24	-0.18	CO 12
			min M <sub>T</sub>	-26.08	-0.04	0.17	<b>0.00</b>	0.73	0.00	CO 1
			max M <sub>y</sub>	-96.72	0.66	4.18	0.03	<b>2.24</b>	-0.18	CO 12
			min M <sub>y</sub>	-26.08	-0.04	0.17	0.00	<b>0.73</b>	0.00	CO 1
			max M <sub>z</sub>	-135.92	-0.24	0.35	0.01	1.06	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-9.70	0.81	3.97	0.02	1.90	<b>-0.19</b>	CO 8
	466	7.419	Max N	<b>-9.70</b>	0.81	3.97	0.02	1.90	-0.19	CO 8
	331	0.000	Min N	<b>-175.98</b>	-0.22	0.34	0.01	-1.53	-1.72	CO 17
		3.709	Max V <sub>y</sub>	-29.73	<b>0.81</b>	3.98	0.02	-12.85	2.81	CO 8
		6.182	Min V <sub>y</sub>	-112.84	<b>-1.18</b>	0.43	0.01	1.41	-1.50	CO 13
		5.688	Max V <sub>z</sub>	-106.07	0.66	<b>4.19</b>	0.03	-5.01	0.97	CO 12
	466	7.419	Min V <sub>z</sub>	-26.08	-0.04	<b>0.17</b>	0.00	0.73	0.00	CO 1
	466	7.419	Max M <sub>T</sub>	-96.72	0.66	4.18	<b>0.03</b>	2.24	-0.18	CO 12
	466	7.419	Min M <sub>T</sub>	-26.08	-0.04	0.17	<b>0.00</b>	0.73	0.00	CO 1
	466	7.419	Max M <sub>y</sub>	-96.72	0.66	4.18	0.03	<b>2.24</b>	-0.18	CO 12
	331	0.000	Min M <sub>y</sub>	-136.79	0.64	4.05	0.03	<b>-28.58</b>	4.70	CO 12
	331	0.000	Max M <sub>z</sub>	-49.76	0.80	3.95	0.02	-27.59	<b>5.81</b>	CO 8
	331	0.000	Min M <sub>z</sub>	-146.23	-1.13	0.43	0.01	-1.28	<b>-8.69</b>	CO 13
422	324	0.000	max N	<b>-116.68</b>	-3.86	5.41	0.50	-40.56	-2.25	CO 8
			min N	<b>-157.82</b>	-1.89	-142.62	0.05	80.94	-0.31	CO 17
			max V <sub>y</sub>	-125.10	<b>-0.86</b>	-58.65	0.01	30.12	-0.06	CO 1
			min V <sub>y</sub>	-145.87	<b>-12.37</b>	-171.66	-0.02	110.29	-5.12	CO 13
			max V <sub>z</sub>	-116.68	-3.86	<b>5.41</b>	0.50	-40.56	-2.25	CO 8
			min V <sub>z</sub>	-145.87	-12.37	<b>-171.66</b>	-0.02	110.29	-5.12	CO 13
			max M <sub>T</sub>	-140.62	-4.80	-77.86	<b>0.55</b>	9.49	-2.48	CO 12
			min M <sub>T</sub>	-121.94	-11.44	-88.22	<b>-0.06</b>	59.96	-4.90	CO 9
			max M <sub>y</sub>	-145.87	-12.37	-171.66	-0.02	<b>110.29</b>	-5.12	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-116.68	-3.86	5.41	0.50	<b>-40.56</b>	-2.25	CO 8
			max M <sub>z</sub>	-125.10	-0.86	-58.65	0.01	30.12	<b>-0.06</b>	CO 1
			min M <sub>z</sub>	-145.87	-12.37	-171.66	-0.02	110.29	<b>-5.12</b>	CO 13
		1.800	max N	<b>-35.83</b>	3.22	2.54	-0.09	-33.67	-1.77	CO 8
			min N	<b>-91.31</b>	0.36	-6.55	0.04	-15.05	-0.27	CO 17
			max V <sub>y</sub>	-79.52	<b>7.43</b>	-12.19	0.08	-8.39	-4.06	CO 13
			min V <sub>y</sub>	-46.32	<b>0.03</b>	-2.03	0.02	-5.34	-0.06	CO 1
			max V <sub>z</sub>	-35.83	3.22	<b>2.54</b>	-0.09	-33.67	-1.77	CO 8
			min V <sub>z</sub>	-79.52	7.43	<b>-12.19</b>	0.08	-8.39	-4.06	CO 13
			max M <sub>T</sub>	-79.52	7.43	-12.19	<b>0.08</b>	-8.39	-4.06	CO 13
			min M <sub>T</sub>	-35.83	3.22	2.54	<b>-0.09</b>	-33.67	-1.77	CO 8
			max M <sub>y</sub>	-43.82	7.10	-7.91	0.05	<b>1.29</b>	-3.87	CO 9
			min M <sub>y</sub>	-71.53	3.54	-1.78	-0.06	<b>-43.58</b>	-1.97	CO 12
			max M <sub>z</sub>	-46.32	0.03	-2.03	0.02	-5.34	<b>-0.06</b>	CO 1
			min M <sub>z</sub>	-79.52	7.43	-12.19	0.08	-8.39	<b>-4.06</b>	CO 13
			max N	<b>-48.43</b>	-0.29	22.84	-0.05	-35.69	-1.90	CO 8
			min N	<b>-122.86</b>	-0.04	0.43	0.01	-15.75	-0.28	CO 17
			max V <sub>y</sub>	-62.56	<b>-0.01</b>	0.50	0.00	-5.59	-0.06	CO 1
			min V <sub>y</sub>	-106.98	<b>-0.63</b>	-11.06	0.02	-8.67	-4.36	CO 13
			max V <sub>z</sub>	-67.10	-0.31	<b>23.88</b>	-0.05	-45.87	-2.02	CO 10
			min V <sub>z</sub>	-88.31	-0.62	<b>-12.06</b>	0.02	1.40	-4.24	CO 15
			max M <sub>T</sub>	-106.98	-0.63	-11.06	<b>0.02</b>	-8.67	-4.36	CO 13
			min M <sub>T</sub>	-48.43	-0.29	22.84	<b>-0.05</b>	-35.69	-1.90	CO 8
			max M <sub>y</sub>	-59.18	-0.61	-11.30	0.02	<b>1.45</b>	-4.15	CO 9
			min M <sub>y</sub>	-96.23	-0.32	23.14	-0.05	<b>-46.05</b>	-2.11	CO 12
			max M <sub>z</sub>	-62.56	-0.01	0.50	0.00	-5.59	<b>-0.06</b>	CO 1
			min M <sub>z</sub>	-106.98	-0.63	-11.06	0.02	-8.67	<b>-4.36</b>	CO 13
	467	8.378	max N	<b>-2.28</b>	-0.29	-11.06	-0.05	3.10	0.03	CO 8
			min N	<b>-76.68</b>	-0.04	0.55	0.01	-12.46	-0.02	CO 17
			max V <sub>y</sub>	-16.39	<b>-0.01</b>	0.51	0.00	-2.26	0.00	CO 1
			min V <sub>y</sub>	-60.80	<b>-0.64</b>	10.13	0.02	-11.65	-0.14	CO 13
			max V <sub>z</sub>	-31.66	-0.63	<b>10.83</b>	0.02	-6.75	-0.13	CO 11
			min V <sub>z</sub>	-31.41	-0.30	<b>-11.78</b>	-0.05	-1.77	0.02	CO 14
			max M <sub>T</sub>	-60.80	-0.64	10.13	<b>0.02</b>	-11.65	-0.14	CO 13
			min M <sub>T</sub>	-2.28	-0.29	-11.06	<b>-0.05</b>	3.10	0.03	CO 8
			max M <sub>y</sub>	-2.28	-0.29	-11.06	-0.05	<b>3.10</b>	0.03	CO 8
			min M <sub>y</sub>	-74.64	-0.40	6.12	0.02	<b>-13.23</b>	-0.10	CO 19
			max M <sub>z</sub>	-2.28	-0.29	-11.06	-0.05	3.10	<b>0.03</b>	CO 8
			min M <sub>z</sub>	-60.80	-0.64	10.13	0.02	-11.65	<b>-0.14</b>	CO 13
	467	8.378	Max N	<b>-2.28</b>	-0.29	-11.06	-0.05	3.10	0.03	CO 8
		0.123	Min N	<b>-167.13</b>	-1.10	-130.57	-0.19	65.77	-0.19	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.800	Max V <sub>y</sub>	-79.52	<b>7.43</b>	-12.19	0.08	-8.39	-4.06	CO 13
	324	0.000	Min V <sub>y</sub>	-145.87	<b>-12.37</b>	-171.66	-0.02	110.29	-5.12	CO 13
		1.800	Max V <sub>z</sub>	-67.10	-0.31	<b>23.88</b>	-0.05	-45.87	-2.02	CO 10
	324	0.000	Min V <sub>z</sub>	-145.87	-12.37	<b>-171.66</b>	-0.02	110.29	-5.12	CO 13
	324	0.000	Max M <sub>T</sub>	-140.62	-4.80	-77.86	<b>0.55</b>	9.49	-2.48	CO 12
		0.370	Min M <sub>T</sub>	-112.29	-4.48	-97.93	<b>-0.55</b>	56.52	-2.28	CO 11
	324	0.000	Max M <sub>y</sub>	-145.87	-12.37	-171.66	-0.02	<b>110.29</b>	-5.12	CO 13
		1.800	Min M <sub>y</sub>	-96.23	-0.32	23.14	-0.05	<b>-46.05</b>	-2.11	CO 12
		0.370	Max M <sub>z</sub>	-103.13	0.09	-30.71	-0.19	13.39	<b>0.04</b>	CO 1
	324	0.000	Min M <sub>z</sub>	-145.87	-12.37	-171.66	-0.02	110.29	<b>-5.12</b>	CO 13
424	359	0.000	max N	<b>-54.93</b>	-0.99	-0.32	0.00	1.25	-7.33	CO 9
			min N	<b>-165.50</b>	-0.18	0.18	0.00	-0.02	-1.38	CO 17
			max V <sub>y</sub>	-61.92	<b>-0.03</b>	-0.02	0.00	0.06	-0.23	CO 1
			min V <sub>y</sub>	-136.88	<b>-1.10</b>	-0.16	0.00	1.16	-8.27	CO 13
			max V <sub>z</sub>	-137.18	-1.06	<b>6.63</b>	0.03	-44.60	-7.80	CO 12
			min V <sub>z</sub>	-54.93	-0.99	<b>-0.32</b>	0.00	1.25	-7.33	CO 9
			max M <sub>T</sub>	-137.18	-1.06	6.63	<b>0.03</b>	-44.60	-7.80	CO 12
			min M <sub>T</sub>	-105.41	-1.05	-0.23	<b>0.00</b>	1.29	-7.86	CO 15
			max M <sub>y</sub>	-105.41	-1.05	-0.23	0.00	<b>1.29</b>	-7.86	CO 15
			min M <sub>y</sub>	-137.18	-1.06	6.63	0.03	<b>-44.60</b>	-7.80	CO 12
			max M <sub>z</sub>	-61.92	-0.03	-0.02	0.00	0.06	<b>-0.23</b>	CO 1
			min M <sub>z</sub>	-136.88	-1.10	-0.16	0.00	1.16	<b>-8.27</b>	CO 13
	483	7.259	max N	<b>-15.73</b>	-1.00	-0.32	0.00	-1.08	-0.06	CO 9
			min N	<b>-126.30</b>	-0.19	0.17	0.00	1.25	-0.01	CO 17
			max V <sub>y</sub>	-22.72	<b>-0.03</b>	-0.02	0.00	-0.07	0.00	CO 1
			min V <sub>y</sub>	-97.68	<b>-1.14</b>	-0.17	0.00	-0.05	-0.08	CO 13
			max V <sub>z</sub>	-97.97	-1.10	<b>6.82</b>	0.03	4.68	0.10	CO 12
			min V <sub>z</sub>	-15.73	-1.00	<b>-0.32</b>	0.00	-1.08	-0.06	CO 9
			max M <sub>T</sub>	-16.01	-0.96	6.57	<b>0.03</b>	3.58	0.12	CO 8
			min M <sub>T</sub>	-97.68	-1.14	-0.17	<b>0.00</b>	-0.05	-0.08	CO 13
			max M <sub>y</sub>	-97.97	-1.10	6.82	0.03	<b>4.68</b>	0.10	CO 12
			min M <sub>y</sub>	-15.73	-1.00	-0.32	0.00	<b>-1.08</b>	-0.06	CO 9
			max M <sub>z</sub>	-16.01	-0.96	6.57	0.03	3.58	<b>0.12</b>	CO 8
			min M <sub>z</sub>	-97.68	-1.14	-0.17	0.00	-0.05	<b>-0.08</b>	CO 13
	483	7.259	Max N	<b>-15.73</b>	-1.00	-0.32	0.00	-1.08	-0.06	CO 9
	359	0.000	Min N	<b>-165.50</b>	-0.18	0.18	0.00	-0.02	-1.38	CO 17
	359	0.000	Max V <sub>y</sub>	-61.92	<b>-0.03</b>	-0.02	0.00	0.06	-0.23	CO 1
		6.008	Min V <sub>y</sub>	-104.44	<b>-1.14</b>	-0.17	0.00	0.16	-1.50	CO 13
		5.507	Max V <sub>z</sub>	-107.43	-1.10	<b>6.84</b>	0.03	-7.30	-1.82	CO 12
		3.004	Min V <sub>z</sub>	-38.71	-1.00	<b>-0.32</b>	0.00	0.29	-4.33	CO 9
	359	0.000	Max M <sub>T</sub>	-137.18	-1.06	6.63	<b>0.03</b>	-44.60	-7.80	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	359	0.000	Min M <sub>T</sub>	-105.41	-1.05	-0.23	<b>0.00</b>	1.29	-7.86	CO 15
	483	7.259	Max M <sub>y</sub>	-97.97	-1.10	6.82	0.03	<b>4.68</b>	0.10	CO 12
	359	0.000	Min M <sub>y</sub>	-137.18	-1.06	6.63	0.03	<b>-44.60</b>	-7.80	CO 12
	483	7.259	Max M <sub>z</sub>	-16.01	-0.96	6.57	0.03	3.58	<b>0.12</b>	CO 8
	359	0.000	Min M <sub>z</sub>	-136.88	-1.10	-0.16	0.00	1.16	<b>-8.27</b>	CO 13
427	362	0.000	max N	<b>-117.72</b>	1.62	114.43	0.10	-95.33	0.98	CO 8
			min N	<b>-150.41</b>	-0.69	143.73	0.00	-80.90	-0.31	CO 17
			max V <sub>y</sub>	-117.72	<b>1.62</b>	114.43	0.10	-95.33	0.98	CO 8
			min V <sub>y</sub>	-138.95	<b>-12.98</b>	170.34	0.00	-106.94	-6.06	CO 13
			max V <sub>z</sub>	-138.56	1.18	<b>198.61</b>	0.10	-145.82	0.78	CO 12
			min V <sub>z</sub>	-121.56	-0.11	<b>59.33</b>	0.00	-30.36	-0.05	CO 1
			max M <sub>T</sub>	-119.90	1.38	197.44	<b>0.11</b>	-144.68	0.88	CO 10
			min M <sub>T</sub>	-136.77	-12.73	87.39	<b>0.00</b>	-57.68	-5.95	CO 15
			max M <sub>y</sub>	-121.56	-0.11	59.33	0.00	<b>-30.36</b>	-0.05	CO 1
			min M <sub>y</sub>	-138.56	1.18	198.61	0.10	<b>-145.82</b>	0.78	CO 12
			max M <sub>z</sub>	-117.72	1.62	114.43	0.10	-95.33	<b>0.98</b>	CO 8
			min M <sub>z</sub>	-138.95	-12.98	170.34	0.00	-106.94	<b>-6.06</b>	CO 13
		1.800	max N	<b>-39.01</b>	8.37	8.28	-0.02	1.78	-4.51	CO 9
			min N	<b>-82.29</b>	0.45	6.60	-0.01	16.36	-0.24	CO 17
			max V <sub>y</sub>	-70.91	<b>8.72</b>	12.59	-0.03	12.26	-4.70	CO 13
			min V <sub>y</sub>	-39.91	<b>-1.36</b>	-0.51	-0.09	-29.19	0.74	CO 8
			max V <sub>z</sub>	-70.91	8.72	<b>12.59</b>	-0.03	12.26	-4.70	CO 13
			min V <sub>z</sub>	-39.91	-1.36	<b>-0.51</b>	-0.09	-29.19	0.74	CO 8
			max M <sub>T</sub>	-41.95	0.07	2.03	<b>0.00</b>	5.76	-0.04	CO 1
			min M <sub>T</sub>	-71.83	-1.07	3.68	<b>-0.10</b>	-19.03	0.58	CO 12
			max M <sub>y</sub>	-82.29	0.45	6.60	-0.01	<b>16.36</b>	-0.24	CO 17
			min M <sub>y</sub>	-39.91	-1.36	-0.51	-0.09	<b>-29.19</b>	0.74	CO 8
			max M <sub>z</sub>	-39.91	-1.36	-0.51	-0.09	-29.19	<b>0.74</b>	CO 8
			min M <sub>z</sub>	-70.91	8.72	12.59	-0.03	12.26	<b>-4.70</b>	CO 13
			max N	<b>-52.74</b>	-0.77	9.96	-0.02	1.80	-4.86	CO 9
			min N	<b>-110.75</b>	-0.04	-0.96	-0.01	17.14	-0.26	CO 17
			max V <sub>y</sub>	-53.95	<b>0.14</b>	15.14	-0.06	-31.11	0.79	CO 8
			min V <sub>y</sub>	-95.46	<b>-0.79</b>	9.41	-0.03	12.78	-5.06	CO 13
			max V <sub>z</sub>	-80.41	0.13	<b>15.85</b>	-0.07	-31.03	0.71	CO 14
			min V <sub>z</sub>	-72.98	-0.02	<b>-1.96</b>	0.00	16.73	-0.13	CO 2
			max M <sub>T</sub>	-56.70	-0.01	-0.70	<b>0.00</b>	6.04	-0.04	CO 1
			min M <sub>T</sub>	-96.69	0.12	14.61	<b>-0.07</b>	-20.48	0.63	CO 12
			max M <sub>y</sub>	-110.75	-0.04	-0.96	-0.01	<b>17.14</b>	-0.26	CO 17
			min M <sub>y</sub>	-53.95	0.14	15.14	-0.06	<b>-31.11</b>	0.79	CO 8
			max M <sub>z</sub>	-53.95	0.14	15.14	-0.06	-31.11	<b>0.79</b>	CO 8
			min M <sub>z</sub>	-95.46	-0.79	9.41	-0.03	12.78	<b>-5.06</b>	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	489	7.900	max N	<b>-9.92</b>	-0.77	-9.57	-0.02	2.95	-0.15	CO 9
			min N	<b>-67.93</b>	-0.04	-1.05	-0.01	10.92	-0.02	CO 17
			max V <sub>y</sub>	-11.15	<b>0.14</b>	-4.49	-0.06	1.44	-0.08	CO 8
			min V <sub>y</sub>	-52.64	<b>-0.80</b>	-10.21	-0.02	10.25	-0.17	CO 13
			max V <sub>z</sub>	-51.66	-0.03	<b>0.24</b>	-0.01	8.03	-0.01	CO 16
			min V <sub>z</sub>	-26.19	-0.78	<b>-10.87</b>	-0.02	5.83	-0.16	CO 11
			max M <sub>T</sub>	-13.88	-0.01	-0.71	<b>0.00</b>	1.71	0.00	CO 1
			min M <sub>T</sub>	-53.89	0.12	-5.05	<b>-0.07</b>	8.78	-0.10	CO 12
			max M <sub>y</sub>	-65.56	-0.50	-6.38	-0.02	<b>11.66</b>	-0.11	CO 19
			min M <sub>y</sub>	-11.15	0.14	-4.49	-0.06	<b>1.44</b>	-0.08	CO 8
			max M <sub>z</sub>	-13.88	-0.01	-0.71	0.00	1.71	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-52.64	-0.80	-10.21	-0.02	10.25	<b>-0.17</b>	CO 13
	489	7.900	Max N	<b>-9.92</b>	-0.77	-9.57	-0.02	2.95	-0.15	CO 9
		0.123	Min N	<b>-158.16</b>	-0.55	131.34	0.01	-65.81	-0.24	CO 17
		1.800	Max V <sub>y</sub>	-70.91	<b>8.72</b>	12.59	-0.03	12.26	-4.70	CO 13
	362	0.000	Min V <sub>y</sub>	-138.95	<b>-12.98</b>	170.34	0.00	-106.94	-6.06	CO 13
	362	0.000	Max V <sub>z</sub>	-138.56	1.18	<b>198.61</b>	0.10	-145.82	0.78	CO 12
	489	7.900	Min V <sub>z</sub>	-26.19	-0.78	<b>-10.87</b>	-0.02	5.83	-0.16	CO 11
		0.247	Max M <sub>T</sub>	-124.15	1.26	151.29	<b>0.24</b>	-100.99	0.59	CO 10
		1.800	Min M <sub>T</sub>	-71.83	-1.07	3.68	<b>-0.10</b>	-19.03	0.58	CO 12
		4.691	Max M <sub>y</sub>	-75.18	-0.80	0.09	-0.03	<b>26.52</b>	-2.75	CO 13
	362	0.000	Min M <sub>y</sub>	-138.56	1.18	198.61	0.10	<b>-145.82</b>	0.78	CO 12
	362	0.000	Max M <sub>z</sub>	-117.72	1.62	114.43	0.10	-95.33	<b>0.98</b>	CO 8
	362	0.000	Min M <sub>z</sub>	-138.95	-12.98	170.34	0.00	-106.94	<b>-6.06</b>	CO 13
428	356	0.000	max N	<b>-46.45</b>	0.60	6.21	0.03	-42.75	4.32	CO 8
			min N	<b>-166.36</b>	-0.16	-0.12	0.00	-0.32	-1.24	CO 17
			max V <sub>y</sub>	-46.45	<b>0.60</b>	6.21	0.03	-42.75	4.32	CO 8
			min V <sub>y</sub>	-137.78	<b>-1.05</b>	-0.01	0.00	0.02	-8.05	CO 13
			max V <sub>z</sub>	-46.45	0.60	<b>6.21</b>	0.03	-42.75	4.32	CO 8
			min V <sub>z</sub>	-166.36	-0.16	<b>-0.12</b>	0.00	-0.32	-1.24	CO 17
			max M <sub>T</sub>	-77.92	0.55	6.17	<b>0.03</b>	-43.06	3.99	CO 10
			min M <sub>T</sub>	-134.89	-0.12	-0.11	<b>0.00</b>	-0.12	-0.90	CO 16
			max M <sub>y</sub>	-106.31	-1.01	0.00	0.00	<b>0.22</b>	-7.70	CO 15
			min M <sub>y</sub>	-128.39	0.48	6.03	0.03	<b>-43.17</b>	3.51	CO 12
			max M <sub>z</sub>	-46.45	0.60	6.21	0.03	-42.75	<b>4.32</b>	CO 8
			min M <sub>z</sub>	-137.78	-1.05	-0.01	0.00	0.02	<b>-8.05</b>	CO 13
	492	7.419	max N	<b>-6.38</b>	0.60	6.22	0.03	3.53	-0.13	CO 8
			min N	<b>-126.30</b>	-0.17	-0.11	0.00	-1.19	-0.01	CO 17
			max V <sub>y</sub>	-6.38	<b>0.60</b>	6.22	0.03	3.53	-0.13	CO 8
			min V <sub>y</sub>	-97.72	<b>-1.09</b>	-0.01	0.00	-0.05	-0.07	CO 13
			max V <sub>z</sub>	-37.84	0.56	<b>6.25</b>	0.03	3.25	-0.13	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-126.30	-0.17	<b>-0.11</b>	0.00	-1.19	-0.01	CO 17
			max M <sub>T</sub>	-37.84	0.56	6.25	<b>0.03</b>	3.25	-0.13	CO 10
			min M <sub>T</sub>	-94.83	-0.12	-0.10	<b>0.00</b>	-0.89	-0.01	CO 16
			max M <sub>y</sub>	-6.38	0.60	6.22	0.03	<b>3.53</b>	-0.13	CO 8
			min M <sub>y</sub>	-126.30	-0.17	-0.11	0.00	<b>-1.19</b>	-0.01	CO 17
			max M <sub>z</sub>	-22.72	-0.02	0.04	0.00	0.09	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-6.38	0.60	6.22	0.03	3.53	<b>-0.13</b>	CO 8
	492	7.419	Max N	<b>-6.38</b>	0.60	6.22	0.03	3.53	-0.13	CO 8
	356	0.000	Min N	<b>-166.36</b>	-0.16	-0.12	0.00	-0.32	-1.24	CO 17
		3.462	Max V <sub>y</sub>	-27.75	<b>0.60</b>	6.25	0.03	-21.16	2.24	CO 8
		6.182	Min V <sub>y</sub>	-104.40	<b>-1.09</b>	-0.01	0.00	-0.04	-1.41	CO 13
		4.698	Max V <sub>z</sub>	-52.53	0.56	<b>6.26</b>	0.03	-13.77	1.38	CO 10
	356	0.000	Min V <sub>z</sub>	-166.36	-0.16	<b>-0.12</b>	0.00	-0.32	-1.24	CO 17
	492	7.419	Max M <sub>T</sub>	-37.84	0.56	6.25	<b>0.03</b>	3.25	-0.13	CO 10
	356	0.000	Min M <sub>T</sub>	-134.89	-0.12	-0.11	<b>0.00</b>	-0.12	-0.90	CO 16
	492	7.419	Max M <sub>y</sub>	-6.38	0.60	6.22	0.03	<b>3.53</b>	-0.13	CO 8
	356	0.000	Min M <sub>y</sub>	-128.39	0.48	6.03	0.03	<b>-43.17</b>	3.51	CO 12
	356	0.000	Max M <sub>z</sub>	-46.45	0.60	6.21	0.03	-42.75	<b>4.32</b>	CO 8
	356	0.000	Min M <sub>z</sub>	-137.78	-1.05	-0.01	0.00	0.02	<b>-8.05</b>	CO 13
432	354	0.000	max N	<b>-115.52</b>	-3.91	15.11	0.10	-53.68	-2.03	CO 8
			min N	<b>-152.13</b>	-0.63	-144.60	-0.01	82.10	-0.28	CO 17
			max V <sub>y</sub>	-123.32	<b>-0.11</b>	-59.58	-0.01	30.69	-0.04	CO 1
			min V <sub>y</sub>	-140.95	<b>-10.52</b>	-174.72	0.00	112.51	-4.90	CO 13
			max V <sub>z</sub>	-115.52	-3.91	<b>15.11</b>	0.10	-53.68	-2.03	CO 8
			min V <sub>z</sub>	-140.95	-10.52	<b>-174.72</b>	0.00	112.51	-4.90	CO 13
			max M <sub>T</sub>	-134.15	-4.13	14.09	<b>0.10</b>	-52.77	-2.13	CO 14
			min M <sub>T</sub>	-125.52	-0.35	-142.92	<b>-0.01</b>	80.45	-0.15	CO 2
			max M <sub>y</sub>	-140.95	-10.52	-174.72	0.00	<b>112.51</b>	-4.90	CO 13
			min M <sub>y</sub>	-115.52	-3.91	15.11	0.10	<b>-53.68</b>	-2.03	CO 8
			max M <sub>z</sub>	-123.32	-0.11	-59.58	-0.01	30.69	<b>-0.04</b>	CO 1
			min M <sub>z</sub>	-140.95	-10.52	-174.72	0.00	112.51	<b>-4.90</b>	CO 13
		1.800	max N	<b>-33.06</b>	2.96	-0.18	-0.07	-43.42	-1.58	CO 8
			min N	<b>-84.11</b>	0.42	-6.61	0.01	-15.48	-0.22	CO 17
			max V <sub>y</sub>	-73.18	<b>7.27</b>	-12.32	0.03	-8.85	-3.87	CO 13
			min V <sub>y</sub>	-43.80	<b>0.07</b>	-2.09	0.00	-5.56	-0.04	CO 1
			max V <sub>z</sub>	-33.06	2.96	<b>-0.18</b>	-0.07	-43.42	-1.58	CO 8
			min V <sub>z</sub>	-73.18	7.27	<b>-12.32</b>	0.03	-8.85	-3.87	CO 13
			max M <sub>T</sub>	-73.18	7.27	-12.32	<b>0.03</b>	-8.85	-3.87	CO 13
			min M <sub>T</sub>	-33.06	2.96	-0.18	<b>-0.07</b>	-43.42	-1.58	CO 8
			max M <sub>y</sub>	-41.28	6.94	-8.01	0.02	<b>1.05</b>	-3.70	CO 9
			min M <sub>y</sub>	-64.96	3.28	-4.58	-0.07	<b>-53.65</b>	-1.75	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-43.80	0.07	-2.09	0.00	-5.56	<b>-0.04</b>	CO 1
			min M <sub>z</sub>	-73.18	7.27	-12.32	0.03	-8.85	<b>-3.87</b>	CO 13
			max N	<b>-44.75</b>	-0.26	24.63	-0.05	-46.05	-1.70	CO 8
			min N	<b>-113.29</b>	-0.03	0.76	0.01	-16.19	-0.24	CO 17
			max V <sub>y</sub>	-59.23	<b>-0.01</b>	0.62	0.00	-5.82	-0.04	CO 1
			min V <sub>y</sub>	-98.58	<b>-0.60</b>	-10.76	0.03	-9.15	-4.16	CO 13
			max V <sub>z</sub>	-61.09	-0.27	<b>25.77</b>	-0.05	-56.54	-1.79	CO 10
			min V <sub>z</sub>	-82.26	-0.59	<b>-11.87</b>	0.02	1.20	-4.07	CO 15
			max M <sub>T</sub>	-98.58	-0.60	-10.76	<b>0.03</b>	-9.15	-4.16	CO 13
			min M <sub>T</sub>	-44.75	-0.26	24.63	<b>-0.05</b>	-46.05	-1.70	CO 8
			max M <sub>y</sub>	-55.85	-0.58	-11.18	0.02	<b>1.20</b>	-3.98	CO 9
			min M <sub>y</sub>	-87.49	-0.29	25.11	-0.04	<b>-56.76</b>	-1.89	CO 12
			max M <sub>z</sub>	-59.23	-0.01	0.62	0.00	-5.82	<b>-0.04</b>	CO 1
			min M <sub>z</sub>	-98.58	-0.60	-10.76	0.03	-9.15	<b>-4.16</b>	CO 13
	493	8.378	max N	<b>1.39</b>	-0.26	-9.28	-0.05	4.50	0.02	CO 8
			min N	<b>-67.11</b>	-0.03	0.85	0.01	-10.81	-0.02	CO 17
			max V <sub>y</sub>	-13.05	<b>-0.01</b>	0.63	0.00	-1.68	0.00	CO 1
			min V <sub>y</sub>	-52.40	<b>-0.61</b>	10.40	0.03	-10.24	-0.14	CO 13
			max V <sub>z</sub>	-26.00	-0.60	<b>11.05</b>	0.02	-5.82	-0.13	CO 11
			min V <sub>z</sub>	-25.01	-0.27	<b>-9.92</b>	-0.05	0.10	0.01	CO 14
			max M <sub>T</sub>	-52.40	-0.61	10.40	<b>0.03</b>	-10.24	-0.14	CO 13
			min M <sub>T</sub>	1.39	-0.26	-9.28	<b>-0.05</b>	4.50	0.02	CO 8
			max M <sub>y</sub>	1.39	-0.26	-9.28	-0.05	<b>4.50</b>	0.02	CO 8
			min M <sub>y</sub>	-65.08	-0.38	6.42	0.02	<b>-11.61</b>	-0.09	CO 19
			max M <sub>z</sub>	1.39	-0.26	-9.28	-0.05	4.50	<b>0.02</b>	CO 8
			min M <sub>z</sub>	-52.40	-0.61	10.40	0.03	-10.24	<b>-0.14</b>	CO 13
	493	8.378	Max N	<b>1.39</b>	-0.26	-9.28	-0.05	4.50	0.02	CO 8
		0.123	Min N	<b>-159.98</b>	-0.51	-132.23	-0.01	66.94	-0.22	CO 17
		1.800	Max V <sub>y</sub>	-73.18	<b>7.27</b>	-12.32	0.03	-8.85	-3.87	CO 13
	354	0.000	Min V <sub>y</sub>	-140.95	<b>-10.52</b>	-174.72	0.00	112.51	-4.90	CO 13
		1.800	Max V <sub>z</sub>	-61.09	-0.27	<b>25.77</b>	-0.05	-56.54	-1.79	CO 10
	354	0.000	Min V <sub>z</sub>	-140.95	-10.52	<b>-174.72</b>	0.00	112.51	-4.90	CO 13
		0.246	Max M <sub>T</sub>	-122.75	-2.96	18.27	<b>0.21</b>	-46.71	-1.37	CO 14
		1.800	Min M <sub>T</sub>	-33.06	2.96	-0.18	<b>-0.07</b>	-43.42	-1.58	CO 8
	354	0.000	Max M <sub>y</sub>	-140.95	-10.52	-174.72	0.00	<b>112.51</b>	-4.90	CO 13
		1.800	Min M <sub>y</sub>	-87.49	-0.29	25.11	-0.04	<b>-56.76</b>	-1.89	CO 12
	493	8.378	Max M <sub>z</sub>	1.39	-0.26	-9.28	-0.05	4.50	<b>0.02</b>	CO 8
	354	0.000	Min M <sub>z</sub>	-140.95	-10.52	-174.72	0.00	112.51	<b>-4.90</b>	CO 13
436	378	0.000	max N	<b>-54.93</b>	-0.96	-0.43	-0.01	1.67	-7.07	CO 9
			min N	<b>-165.51</b>	-0.12	0.18	0.00	-0.08	-0.91	CO 17
			max V <sub>y</sub>	-61.92	<b>-0.02</b>	-0.01	0.00	0.04	-0.15	CO 1



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-136.88	<b>-1.02</b>	-0.26	-0.01	1.54	-7.69	CO 13
			max V <sub>z</sub>	-137.22	-0.61	<b>8.22</b>	-0.02	-54.90	-4.42	CO 12
			min V <sub>z</sub>	-54.93	-0.96	<b>-0.43</b>	-0.01	1.67	-7.07	CO 9
			max M <sub>T</sub>	-61.92	-0.02	-0.01	<b>0.00</b>	0.04	-0.15	CO 1
			min M <sub>T</sub>	-137.22	-0.61	8.22	<b>-0.02</b>	-54.90	-4.42	CO 12
			max M <sub>y</sub>	-105.41	-0.99	-0.34	-0.01	<b>1.72</b>	-7.42	CO 15
			min M <sub>y</sub>	-137.22	-0.61	8.22	-0.02	<b>-54.90</b>	-4.42	CO 12
			max M <sub>z</sub>	-61.92	-0.02	-0.01	0.00	0.04	<b>-0.15</b>	CO 1
			min M <sub>z</sub>	-136.88	-1.02	-0.26	-0.01	1.54	<b>-7.69</b>	CO 13
	508	7.259	max N	<b>-15.73</b>	-0.96	-0.43	-0.01	-1.43	-0.06	CO 9
			min N	<b>-126.31</b>	-0.13	0.18	-0.01	1.23	0.00	CO 17
			max V <sub>y</sub>	-22.72	<b>-0.02</b>	-0.01	0.00	-0.07	0.00	CO 1
			min V <sub>y</sub>	-97.68	<b>-1.06</b>	-0.27	-0.01	-0.42	-0.06	CO 13
			max V <sub>z</sub>	-98.00	-0.63	<b>8.45</b>	-0.02	6.14	0.10	CO 12
			min V <sub>z</sub>	-15.73	-0.96	<b>-0.43</b>	-0.01	-1.43	-0.06	CO 9
			max M <sub>T</sub>	-22.72	-0.02	-0.01	<b>0.00</b>	-0.07	0.00	CO 1
			min M <sub>T</sub>	-98.00	-0.63	8.45	<b>-0.02</b>	6.14	0.10	CO 12
			max M <sub>y</sub>	-98.00	-0.63	8.45	-0.02	<b>6.14</b>	0.10	CO 12
			min M <sub>y</sub>	-15.73	-0.96	-0.43	-0.01	<b>-1.43</b>	-0.06	CO 9
			max M <sub>z</sub>	-98.00	-0.63	8.45	-0.02	6.14	<b>0.10</b>	CO 12
			min M <sub>z</sub>	-97.68	-1.06	-0.27	-0.01	-0.42	<b>-0.06</b>	CO 13
	508	7.259	Max N	<b>-15.73</b>	-0.96	-0.43	-0.01	-1.43	-0.06	CO 9
	378	0.000	Min N	<b>-165.51</b>	-0.12	0.18	0.00	-0.08	-0.91	CO 17
	378	0.000	Max V <sub>y</sub>	-61.92	<b>-0.02</b>	-0.01	0.00	0.04	-0.15	CO 1
		6.008	Min V <sub>y</sub>	-104.44	<b>-1.06</b>	-0.27	-0.01	-0.08	-1.39	CO 13
		5.507	Max V <sub>z</sub>	-107.47	-0.63	<b>8.47</b>	-0.02	-8.69	-1.00	CO 12
		3.004	Min V <sub>z</sub>	-38.71	-0.97	<b>-0.43</b>	-0.01	0.38	-4.17	CO 9
	508	7.259	Max M <sub>T</sub>	-22.72	-0.02	-0.01	<b>0.00</b>	-0.07	0.00	CO 1
	508	7.259	Min M <sub>T</sub>	-98.00	-0.63	8.45	<b>-0.02</b>	6.14	0.10	CO 12
	508	7.259	Max M <sub>y</sub>	-98.00	-0.63	8.45	-0.02	<b>6.14</b>	0.10	CO 12
	378	0.000	Min M <sub>y</sub>	-137.22	-0.61	8.22	-0.02	<b>-54.90</b>	-4.42	CO 12
	508	7.259	Max M <sub>z</sub>	-98.00	-0.63	8.45	-0.02	6.14	<b>0.10</b>	CO 12
	378	0.000	Min M <sub>z</sub>	-136.88	-1.02	-0.26	-0.01	1.54	<b>-7.69</b>	CO 13
439	381	0.000	max N	<b>-117.61</b>	2.40	120.88	0.07	-104.09	1.25	CO 8
			min N	<b>-150.39</b>	-0.60	143.89	0.00	-81.07	-0.27	CO 17
			max V <sub>y</sub>	-117.61	<b>2.40</b>	120.88	0.07	-104.09	1.25	CO 8
			min V <sub>y</sub>	-139.08	<b>-11.95</b>	170.37	-0.11	-107.02	-5.74	CO 13
			max V <sub>z</sub>	-138.44	2.00	<b>205.22</b>	0.08	-154.78	1.07	CO 12
			min V <sub>z</sub>	-121.56	-0.06	<b>59.38</b>	0.00	-30.41	-0.04	CO 1
			max M <sub>T</sub>	-138.44	2.00	205.22	<b>0.08</b>	-154.78	1.07	CO 12
			min M <sub>T</sub>	-118.25	-11.50	86.30	<b>-0.12</b>	-56.75	-5.54	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-121.56	-0.06	59.38	0.00	<b>-30.41</b>	-0.04	CO 1
			min M <sub>y</sub>	-138.44	2.00	205.22	0.08	<b>-154.78</b>	1.07	CO 12
			max M <sub>z</sub>	-117.61	2.40	120.88	0.07	-104.09	<b>1.25</b>	CO 8
			min M <sub>z</sub>	-139.08	-11.95	170.37	-0.11	-107.02	<b>-5.74</b>	CO 13
		1.800	max N	<b>-39.00</b>	7.95	8.35	-0.01	1.99	-4.29	CO 9
			min N	<b>-82.29</b>	0.40	6.60	0.00	16.34	-0.21	CO 17
			max V <sub>y</sub>	-70.91	<b>8.26</b>	12.65	-0.02	12.46	-4.45	CO 13
			min V <sub>y</sub>	-40.13	<b>-1.77</b>	-2.38	-0.03	-36.07	0.96	CO 8
			max V <sub>z</sub>	-70.91	8.26	<b>12.65</b>	-0.02	12.46	-4.45	CO 13
			min V <sub>z</sub>	-40.13	-1.77	<b>-2.38</b>	-0.03	-36.07	0.96	CO 8
			max M <sub>T</sub>	-41.95	0.05	2.03	<b>0.00</b>	5.75	-0.03	CO 1
			min M <sub>T</sub>	-72.05	-1.52	1.78	<b>-0.03</b>	-26.01	0.82	CO 12
			max M <sub>y</sub>	-82.29	0.40	6.60	0.00	<b>16.34</b>	-0.21	CO 17
			min M <sub>y</sub>	-40.13	-1.77	-2.38	-0.03	<b>-36.07</b>	0.96	CO 8
			max M <sub>z</sub>	-40.13	-1.77	-2.38	-0.03	-36.07	<b>0.96</b>	CO 8
			min M <sub>z</sub>	-70.91	8.26	12.65	-0.02	12.46	<b>-4.45</b>	CO 13
			max N	<b>-52.74</b>	-0.73	9.92	-0.01	2.03	-4.61	CO 9
			min N	<b>-110.75</b>	-0.04	-0.96	0.00	17.12	-0.23	CO 17
			max V <sub>y</sub>	-54.24	<b>0.17</b>	16.40	-0.02	-38.42	1.03	CO 8
			min V <sub>y</sub>	-95.46	<b>-0.75</b>	9.38	-0.01	12.99	-4.79	CO 13
			max V <sub>z</sub>	-80.70	0.16	<b>17.11</b>	-0.02	-38.39	0.94	CO 14
			min V <sub>z</sub>	-72.97	-0.01	<b>-1.95</b>	0.00	16.70	-0.10	CO 2
			max M <sub>T</sub>	-56.70	0.00	-0.70	<b>0.00</b>	6.02	-0.03	CO 1
			min M <sub>T</sub>	-96.98	0.15	15.89	<b>-0.02</b>	-27.90	0.88	CO 12
			max M <sub>y</sub>	-110.75	-0.04	-0.96	0.00	<b>17.12</b>	-0.23	CO 17
			min M <sub>y</sub>	-54.24	0.17	16.40	-0.02	<b>-38.42</b>	1.03	CO 8
			max M <sub>z</sub>	-54.24	0.17	16.40	-0.02	-38.42	<b>1.03</b>	CO 8
			min M <sub>z</sub>	-95.46	-0.75	9.38	-0.01	12.99	<b>-4.79</b>	CO 13
	510	7.900	max N	<b>-9.92</b>	-0.73	-9.61	-0.01	2.94	-0.13	CO 9
			min N	<b>-67.93</b>	-0.04	-1.05	0.00	10.91	-0.01	CO 17
			max V <sub>y</sub>	-11.44	<b>0.17</b>	-3.23	-0.02	1.85	-0.02	CO 8
			min V <sub>y</sub>	-52.63	<b>-0.76</b>	-10.25	-0.01	10.24	-0.15	CO 13
			max V <sub>z</sub>	-51.65	-0.03	<b>0.24</b>	0.00	8.03	-0.01	CO 16
			min V <sub>z</sub>	-26.19	-0.74	<b>-10.90</b>	-0.01	5.82	-0.14	CO 11
			max M <sub>T</sub>	-13.87	0.00	-0.71	<b>0.00</b>	1.71	0.00	CO 1
			min M <sub>T</sub>	-54.19	0.15	-3.77	<b>-0.02</b>	9.19	-0.03	CO 12
			max M <sub>y</sub>	-65.55	-0.48	-6.41	-0.01	<b>11.65</b>	-0.09	CO 19
			min M <sub>y</sub>	-13.87	0.00	-0.71	0.00	<b>1.71</b>	0.00	CO 1
			max M <sub>z</sub>	-13.87	0.00	-0.71	0.00	1.71	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-52.63	-0.76	-10.25	-0.01	10.24	<b>-0.15</b>	CO 13
	510	7.900	Max N	<b>-9.92</b>	-0.73	-9.61	-0.01	2.94	-0.13	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		0.123	Min N	<b>-158.15</b>	-0.49	131.51	0.01	-65.97	-0.22	CO 17
		1.800	Max V <sub>y</sub>	-70.91	<b>8.26</b>	12.65	-0.02	12.46	-4.45	CO 13
	381	0.000	Min V <sub>y</sub>	-139.08	<b>-11.95</b>	170.37	-0.11	-107.02	-5.74	CO 13
	381	0.000	Max V <sub>z</sub>	-138.44	2.00	<b>205.22</b>	0.08	-154.78	1.07	CO 12
	510	7.900	Min V <sub>z</sub>	-26.19	-0.74	<b>-10.90</b>	-0.01	5.82	-0.14	CO 11
		0.247	Max M <sub>T</sub>	-142.17	1.50	157.82	<b>0.13</b>	-109.17	0.69	CO 12
	381	0.000	Min M <sub>T</sub>	-118.25	-11.50	86.30	<b>-0.12</b>	-56.75	-5.54	CO 9
		4.691	Max M <sub>y</sub>	-75.17	-0.76	0.06	-0.01	<b>26.63</b>	-2.60	CO 13
	381	0.000	Min M <sub>y</sub>	-138.44	2.00	205.22	0.08	<b>-154.78</b>	1.07	CO 12
	381	0.000	Max M <sub>z</sub>	-117.61	2.40	120.88	0.07	-104.09	<b>1.25</b>	CO 8
	381	0.000	Min M <sub>z</sub>	-139.08	-11.95	170.37	-0.11	-107.02	<b>-5.74</b>	CO 13
440	375	0.000	max N	<b>-46.49</b>	0.32	7.72	0.00	-52.54	2.30	CO 8
			min N	<b>-166.36</b>	-0.11	-0.11	0.01	-0.41	-0.82	CO 17
			max V <sub>y</sub>	-46.49	<b>0.32</b>	7.72	0.00	-52.54	2.30	CO 8
			min V <sub>y</sub>	-137.78	<b>-0.97</b>	0.05	0.01	-0.09	-7.45	CO 13
			max V <sub>z</sub>	-46.49	0.32	<b>7.72</b>	0.00	-52.54	2.30	CO 8
			min V <sub>z</sub>	-166.36	-0.11	<b>-0.11</b>	0.01	-0.41	-0.82	CO 17
			max M <sub>T</sub>	-137.78	-0.97	0.05	<b>0.01</b>	-0.09	-7.45	CO 13
			min M <sub>T</sub>	-46.49	0.32	7.72	<b>0.00</b>	-52.54	2.30	CO 8
			max M <sub>y</sub>	-106.31	-0.95	0.05	0.01	<b>0.17</b>	-7.22	CO 15
			min M <sub>y</sub>	-128.42	0.25	7.53	0.00	<b>-53.10</b>	1.77	CO 12
			max M <sub>z</sub>	-46.49	0.32	7.72	0.00	-52.54	<b>2.30</b>	CO 8
			min M <sub>z</sub>	-137.78	-0.97	0.05	0.01	-0.09	<b>-7.45</b>	CO 13
	511	7.419	max N	<b>-6.41</b>	0.32	7.73	0.00	4.97	-0.10	CO 8
			min N	<b>-126.30</b>	-0.11	-0.10	0.01	-1.17	0.00	CO 17
			max V <sub>y</sub>	-6.41	<b>0.32</b>	7.73	0.00	4.97	-0.10	CO 8
			min V <sub>y</sub>	-97.72	<b>-1.01</b>	0.05	0.01	0.27	-0.05	CO 13
			max V <sub>z</sub>	-37.87	0.30	<b>7.77</b>	0.00	4.71	-0.10	CO 10
			min V <sub>z</sub>	-126.30	-0.11	<b>-0.10</b>	0.01	-1.17	0.00	CO 17
			max M <sub>T</sub>	-97.72	-1.01	0.05	<b>0.01</b>	0.27	-0.05	CO 13
			min M <sub>T</sub>	-6.41	0.32	7.73	<b>0.00</b>	4.97	-0.10	CO 8
			max M <sub>y</sub>	-6.41	0.32	7.73	0.00	<b>4.97</b>	-0.10	CO 8
			min M <sub>y</sub>	-126.30	-0.11	-0.10	0.01	<b>-1.17</b>	0.00	CO 17
			max M <sub>z</sub>	-126.30	-0.11	-0.10	0.01	-1.17	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-88.34	0.25	7.75	0.00	4.08	<b>-0.10</b>	CO 12
	511	7.419	Max N	<b>-6.41</b>	0.32	7.73	0.00	4.97	-0.10	CO 8
	375	0.000	Min N	<b>-166.36</b>	-0.11	-0.11	0.01	-0.41	-0.82	CO 17
		3.462	Max V <sub>y</sub>	-27.78	<b>0.32</b>	7.77	0.00	-25.70	1.18	CO 8
		6.182	Min V <sub>y</sub>	-104.39	<b>-1.01</b>	0.05	0.01	0.21	-1.29	CO 13
		4.698	Max V <sub>z</sub>	-52.56	0.30	<b>7.80</b>	0.00	-16.47	0.71	CO 10
	375	0.000	Min V <sub>z</sub>	-166.36	-0.11	<b>-0.11</b>	0.01	-0.41	-0.82	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	375	0.000	Max M <sub>T</sub>	-137.78	-0.97	0.05	<b>0.01</b>	-0.09	-7.45	CO 13
	375	0.000	Min M <sub>T</sub>	-46.49	0.32	7.72	<b>0.00</b>	-52.54	2.30	CO 8
	511	7.419	Max M <sub>y</sub>	-6.41	0.32	7.73	0.00	<b>4.97</b>	-0.10	CO 8
	375	0.000	Min M <sub>y</sub>	-128.42	0.25	7.53	0.00	<b>-53.10</b>	1.77	CO 12
	375	0.000	Max M <sub>z</sub>	-46.49	0.32	7.72	0.00	-52.54	<b>2.30</b>	CO 8
	375	0.000	Min M <sub>z</sub>	-137.78	-0.97	0.05	0.01	-0.09	<b>-7.45</b>	CO 13
444	373	0.000	max N	<b>-115.66</b>	-3.57	20.81	0.07	-61.47	-1.80	CO 8
			min N	<b>-152.12</b>	-0.54	-144.69	0.00	82.16	-0.25	CO 17
			max V <sub>y</sub>	-123.33	<b>-0.06</b>	-59.60	0.01	30.70	-0.04	CO 1
			min V <sub>y</sub>	-141.07	<b>-9.78</b>	-174.95	0.11	112.84	-4.72	CO 13
			max V <sub>z</sub>	-115.66	-3.57	<b>20.81</b>	0.07	-61.47	-1.80	CO 8
			min V <sub>z</sub>	-141.07	-9.78	<b>-174.95</b>	0.11	112.84	-4.72	CO 13
			max M <sub>T</sub>	-120.26	-9.38	-90.35	<b>0.11</b>	61.85	-4.54	CO 9
			min M <sub>T</sub>	-152.12	-0.54	-144.69	<b>0.00</b>	82.16	-0.25	CO 17
			max M <sub>y</sub>	-141.07	-9.78	-174.95	0.11	<b>112.84</b>	-4.72	CO 13
			min M <sub>y</sub>	-115.66	-3.57	20.81	0.07	<b>-61.47</b>	-1.80	CO 8
			max M <sub>z</sub>	-123.33	-0.06	-59.60	0.01	30.70	<b>-0.04</b>	CO 1
			min M <sub>z</sub>	-141.07	-9.78	-174.95	0.11	112.84	<b>-4.72</b>	CO 13
		1.800	max N	<b>-32.90</b>	2.63	-1.98	-0.03	-49.65	-1.41	CO 8
			min N	<b>-84.11</b>	0.38	-6.64	0.00	-15.56	-0.20	CO 17
			max V <sub>y</sub>	-73.19	<b>6.99</b>	-12.34	0.02	-8.87	-3.73	CO 13
			min V <sub>y</sub>	-43.80	<b>0.06</b>	-2.10	0.00	-5.59	-0.03	CO 1
			max V <sub>z</sub>	-32.90	2.63	<b>-1.98</b>	-0.03	-49.65	-1.41	CO 8
			min V <sub>z</sub>	-73.19	6.99	<b>-12.34</b>	0.02	-8.87	-3.73	CO 13
			max M <sub>T</sub>	-73.19	6.99	-12.34	<b>0.02</b>	-8.87	-3.73	CO 13
			min M <sub>T</sub>	-32.90	2.63	-1.98	<b>-0.03</b>	-49.65	-1.41	CO 8
			max M <sub>y</sub>	-41.29	6.70	-8.01	0.02	<b>1.08</b>	-3.57	CO 9
			min M <sub>y</sub>	-64.79	2.92	-6.43	-0.03	<b>-60.02</b>	-1.56	CO 12
			max M <sub>z</sub>	-43.80	0.06	-2.10	0.00	-5.59	<b>-0.03</b>	CO 1
			min M <sub>z</sub>	-73.19	6.99	-12.34	0.02	-8.87	<b>-3.73</b>	CO 13
			max N	<b>-44.53</b>	-0.23	25.70	-0.02	-52.68	-1.51	CO 8
			min N	<b>-113.29</b>	-0.03	0.77	0.00	-16.28	-0.22	CO 17
			max V <sub>y</sub>	-59.23	<b>0.00</b>	0.63	0.00	-5.85	-0.03	CO 1
			min V <sub>y</sub>	-98.59	<b>-0.58</b>	-10.76	0.02	-9.17	-4.01	CO 13
			max V <sub>z</sub>	-60.86	-0.24	<b>26.86</b>	-0.02	-63.24	-1.58	CO 10
			min V <sub>z</sub>	-82.26	-0.57	<b>-11.88</b>	0.02	1.23	-3.93	CO 15
			max M <sub>T</sub>	-98.59	-0.58	-10.76	<b>0.02</b>	-9.17	-4.01	CO 13
			min M <sub>T</sub>	-44.53	-0.23	25.70	<b>-0.02</b>	-52.68	-1.51	CO 8
			max M <sub>y</sub>	-55.85	-0.56	-11.19	0.01	<b>1.24</b>	-3.84	CO 9
			min M <sub>y</sub>	-87.26	-0.25	26.20	-0.02	<b>-63.52</b>	-1.67	CO 12
			max M <sub>z</sub>	-59.23	0.00	0.63	0.00	-5.85	<b>-0.03</b>	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-98.59	-0.58	-10.76	0.02	-9.17	<b>-4.01</b>	CO 13
	517	8.378	max N	<b>1.60</b>	-0.23	-8.21	-0.02	4.93	0.01	CO 8
			min N	<b>-67.11</b>	-0.03	0.87	0.00	-10.80	-0.01	CO 17
			max V <sub>y</sub>	-13.05	<b>0.00</b>	0.64	0.00	-1.67	0.00	CO 1
			min V <sub>y</sub>	-52.41	<b>-0.59</b>	10.41	0.02	-10.24	-0.13	CO 13
			max V <sub>z</sub>	-26.00	-0.58	<b>11.05</b>	0.01	-5.82	-0.12	CO 11
			min V <sub>z</sub>	-24.80	-0.24	<b>-8.84</b>	-0.02	0.54	0.00	CO 14
			max M <sub>T</sub>	-52.41	-0.59	10.41	<b>0.02</b>	-10.24	-0.13	CO 13
			min M <sub>T</sub>	1.60	-0.23	-8.21	<b>-0.02</b>	4.93	0.01	CO 8
			max M <sub>y</sub>	1.60	-0.23	-8.21	-0.02	<b>4.93</b>	0.01	CO 8
			min M <sub>y</sub>	-65.08	-0.37	6.43	0.01	<b>-11.60</b>	-0.08	CO 19
			max M <sub>z</sub>	1.60	-0.23	-8.21	-0.02	4.93	<b>0.01</b>	CO 8
			min M <sub>z</sub>	-52.41	-0.59	10.41	0.02	-10.24	<b>-0.13</b>	CO 13
	517	8.378	Max N	<b>1.60</b>	-0.23	-8.21	-0.02	4.93	0.01	CO 8
		0.123	Min N	<b>-159.98</b>	-0.45	-132.33	-0.01	67.00	-0.20	CO 17
		1.800	Max V <sub>y</sub>	-73.19	<b>6.99</b>	-12.34	0.02	-8.87	-3.73	CO 13
	373	0.000	Min V <sub>y</sub>	-141.07	<b>-9.78</b>	-174.95	0.11	112.84	-4.72	CO 13
		1.800	Max V <sub>z</sub>	-60.86	-0.24	<b>26.86</b>	-0.02	-63.24	-1.58	CO 10
	373	0.000	Min V <sub>z</sub>	-141.07	-9.78	<b>-174.95</b>	0.11	112.84	-4.72	CO 13
	373	0.000	Max M <sub>T</sub>	-120.26	-9.38	-90.35	<b>0.11</b>	61.85	-4.54	CO 9
		1.800	Min M <sub>T</sub>	-32.90	2.63	-1.98	<b>-0.03</b>	-49.65	-1.41	CO 8
	373	0.000	Max M <sub>y</sub>	-141.07	-9.78	-174.95	0.11	<b>112.84</b>	-4.72	CO 13
		1.800	Min M <sub>y</sub>	-87.26	-0.25	26.20	-0.02	<b>-63.52</b>	-1.67	CO 12
	517	8.378	Max M <sub>z</sub>	1.60	-0.23	-8.21	-0.02	4.93	<b>0.01</b>	CO 8
	373	0.000	Min M <sub>z</sub>	-141.07	-9.78	-174.95	0.11	112.84	<b>-4.72</b>	CO 13
448	397	0.000	max N	<b>-56.60</b>	-0.13	9.19	0.01	-59.31	-0.71	CO 8
			min N	<b>-167.05</b>	-0.05	-0.21	0.00	0.95	-0.40	CO 17
			max V <sub>y</sub>	-63.47	<b>-0.01</b>	-0.07	0.00	0.17	-0.06	CO 1
			min V <sub>y</sub>	-138.57	<b>-0.97</b>	-0.06	0.00	0.75	-7.26	CO 13
			max V <sub>z</sub>	-56.60	-0.13	<b>9.19</b>	0.01	-59.31	-0.71	CO 8
			min V <sub>z</sub>	-167.05	-0.05	<b>-0.21</b>	0.00	0.95	-0.40	CO 17
			max M <sub>T</sub>	-138.54	-0.16	9.02	<b>0.01</b>	-59.22	-0.98	CO 12
			min M <sub>T</sub>	-56.62	-0.95	0.04	<b>-0.01</b>	0.20	-6.98	CO 9
			max M <sub>y</sub>	-162.94	-0.60	-0.15	0.00	<b>0.97</b>	-4.56	CO 19
			min M <sub>y</sub>	-88.07	-0.14	9.16	0.01	<b>-59.47</b>	-0.82	CO 10
			max M <sub>z</sub>	-63.47	-0.01	-0.07	0.00	0.17	<b>-0.06</b>	CO 1
			min M <sub>z</sub>	-138.57	-0.97	-0.06	0.00	0.75	<b>-7.26</b>	CO 13
	564	7.259	max N	<b>-17.38</b>	-0.13	9.24	0.01	7.86	0.22	CO 8
			min N	<b>-127.85</b>	-0.06	-0.21	0.00	-0.61	0.00	CO 17
			max V <sub>y</sub>	-24.27	<b>-0.01</b>	-0.07	0.00	-0.32	0.00	CO 1
			min V <sub>y</sub>	-99.37	<b>-1.00</b>	-0.07	0.00	0.29	-0.03	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-48.85	-0.14	<b>9.29</b>	0.01	7.88	0.22	CO 10
			min V <sub>z</sub>	-127.85	-0.06	<b>-0.21</b>	0.00	-0.61	0.00	CO 17
			max M <sub>T</sub>	-99.32	-0.17	9.27	<b>0.01</b>	7.77	0.22	CO 12
			min M <sub>T</sub>	-17.42	-0.96	0.04	<b>-0.01</b>	0.50	-0.03	CO 9
			max M <sub>y</sub>	-48.85	-0.14	9.29	0.01	<b>7.88</b>	0.22	CO 10
			min M <sub>y</sub>	-127.85	-0.06	-0.21	0.00	<b>-0.61</b>	0.00	CO 17
			max M <sub>z</sub>	-48.85	-0.14	9.29	0.01	7.88	<b>0.22</b>	CO 10
			min M <sub>z</sub>	-99.37	-1.00	-0.07	0.00	0.29	<b>-0.03</b>	CO 13
	564	7.259	Max N	<b>-17.38</b>	-0.13	9.24	0.01	7.86	0.22	CO 8
	397	0.000	Min N	<b>-167.05</b>	-0.05	-0.21	0.00	0.95	-0.40	CO 17
	397	0.000	Max V <sub>y</sub>	-63.47	<b>-0.01</b>	-0.07	0.00	0.17	-0.06	CO 1
		6.008	Min V <sub>y</sub>	-106.13	<b>-1.00</b>	-0.07	0.00	0.37	-1.29	CO 13
		4.756	Max V <sub>z</sub>	-62.37	-0.14	<b>9.31</b>	0.01	-15.40	-0.14	CO 10
		4.005	Min V <sub>z</sub>	-145.42	-0.06	<b>-0.22</b>	0.00	0.09	-0.18	CO 17
	564	7.259	Max M <sub>T</sub>	-99.32	-0.17	9.27	<b>0.01</b>	7.77	0.22	CO 12
	564	7.259	Min M <sub>T</sub>	-17.42	-0.96	0.04	<b>-0.01</b>	0.50	-0.03	CO 9
	564	7.259	Max M <sub>y</sub>	-48.85	-0.14	9.29	0.01	<b>7.88</b>	0.22	CO 10
	397	0.000	Min M <sub>y</sub>	-88.07	-0.14	9.16	0.01	<b>-59.47</b>	-0.82	CO 10
	564	7.259	Max M <sub>z</sub>	-48.85	-0.14	9.29	0.01	7.88	<b>0.22</b>	CO 10
	397	0.000	Min M <sub>z</sub>	-138.57	-0.97	-0.06	0.00	0.75	<b>-7.26</b>	CO 13
451	400	0.000	max N	<b>-111.62</b>	16.13	122.11	-0.10	-105.84	6.96	CO 8
			min N	<b>-174.53</b>	-87.13	172.25	0.37	-109.25	-37.22	CO 13
			max V <sub>y</sub>	-132.17	<b>16.47</b>	207.09	-0.03	-157.34	7.09	CO 12
			min V <sub>y</sub>	-174.53	<b>-87.13</b>	172.25	0.37	-109.25	-37.22	CO 13
			max V <sub>z</sub>	-132.17	16.47	<b>207.09</b>	-0.03	-157.34	7.09	CO 12
			min V <sub>z</sub>	-124.23	-3.69	<b>59.52</b>	0.05	-30.57	-1.56	CO 1
			max M <sub>T</sub>	-174.53	-87.13	172.25	<b>0.37</b>	-109.25	-37.22	CO 13
			min M <sub>T</sub>	-111.62	16.13	122.11	<b>-0.10</b>	-105.84	6.96	CO 8
			max M <sub>y</sub>	-124.23	-3.69	59.52	0.05	<b>-30.57</b>	-1.56	CO 1
			min M <sub>y</sub>	-132.17	16.47	207.09	-0.03	<b>-157.34</b>	7.09	CO 12
			max M <sub>z</sub>	-132.17	16.47	207.09	-0.03	-157.34	<b>7.09</b>	CO 12
			min M <sub>z</sub>	-174.53	-87.13	172.25	0.37	-109.25	<b>-37.22</b>	CO 13
		1.800	max N	<b>-33.93</b>	2.57	-2.99	-0.11	-37.47	-0.21	CO 8
			min N	<b>-108.38</b>	-16.59	12.61	0.17	11.20	2.41	CO 13
			max V <sub>y</sub>	-65.58	<b>3.02</b>	1.15	-0.03	-27.93	-0.40	CO 12
			min V <sub>y</sub>	-76.49	<b>-16.92</b>	8.30	0.09	1.23	2.57	CO 9
			max V <sub>z</sub>	-108.38	-16.59	<b>12.61</b>	0.17	11.20	2.41	CO 13
			min V <sub>z</sub>	-33.93	2.57	<b>-2.99</b>	-0.11	-37.47	-0.21	CO 8
			max M <sub>T</sub>	-108.38	-16.59	12.61	<b>0.17</b>	11.20	2.41	CO 13
			min M <sub>T</sub>	-33.93	2.57	-2.99	<b>-0.11</b>	-37.47	-0.21	CO 8
			max M <sub>y</sub>	-56.91	-0.73	5.70	0.09	<b>15.72</b>	0.12	CO 2

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-53.48	2.85	-2.47	-0.09	<b>-37.82</b>	-0.33	CO 14
			max M <sub>z</sub>	-76.49	-16.92	8.30	0.09	1.23	<b>2.57</b>	CO 9
			min M <sub>z</sub>	-65.58	3.02	1.15	-0.03	-27.93	<b>-0.40</b>	CO 12
			max N	<b>-45.91</b>	4.24	16.33	-0.11	-39.91	-0.20	CO 8
			min N	<b>-145.83</b>	-23.45	10.01	0.18	11.65	2.41	CO 13
			max V <sub>y</sub>	-88.27	<b>4.43</b>	16.07	-0.03	-29.93	-0.39	CO 12
			min V <sub>y</sub>	-103.13	<b>-23.47</b>	10.27	0.10	1.22	2.59	CO 9
			max V <sub>z</sub>	-72.19	4.36	<b>17.23</b>	-0.09	-40.28	-0.32	CO 14
			min V <sub>z</sub>	-76.64	-0.98	<b>-1.83</b>	0.10	16.45	0.12	CO 2
			max M <sub>T</sub>	-145.83	-23.45	10.01	<b>0.18</b>	11.65	2.41	CO 13
			min M <sub>T</sub>	-45.91	4.24	16.33	<b>-0.11</b>	-39.91	-0.20	CO 8
			max M <sub>y</sub>	-76.64	-0.98	-1.83	0.10	<b>16.45</b>	0.12	CO 2
			min M <sub>y</sub>	-72.19	4.36	17.23	-0.09	<b>-40.28</b>	-0.32	CO 14
			max M <sub>z</sub>	-103.13	-23.47	10.27	0.10	1.22	<b>2.59</b>	CO 9
			min M <sub>z</sub>	-88.27	4.43	16.07	-0.03	-29.93	<b>-0.39</b>	CO 12
		2.000	max N	<b>-44.50</b>	4.24	15.69	-0.11	-36.71	-1.05	CO 8
			min N	<b>-144.43</b>	-23.45	9.36	0.19	13.59	7.10	CO 13
			max V <sub>y</sub>	-86.87	<b>4.43</b>	15.43	-0.03	-26.78	-1.28	CO 12
			min V <sub>y</sub>	-101.73	<b>-23.46</b>	9.63	0.10	3.21	7.28	CO 9
			max V <sub>z</sub>	-70.78	4.36	<b>16.59</b>	-0.09	-36.90	-1.19	CO 14
			min V <sub>z</sub>	-75.24	-0.98	<b>-1.83</b>	0.10	16.09	0.32	CO 2
			max M <sub>T</sub>	-144.43	-23.45	9.36	<b>0.19</b>	13.59	7.10	CO 13
			min M <sub>T</sub>	-44.50	4.24	15.69	<b>-0.11</b>	-36.71	-1.05	CO 8
			max M <sub>y</sub>	-112.89	-0.88	-0.56	0.13	<b>16.22</b>	0.13	CO 17
			min M <sub>y</sub>	-70.78	4.36	16.59	-0.09	<b>-36.90</b>	-1.19	CO 14
			max M <sub>z</sub>	-101.73	-23.46	9.63	0.10	3.21	<b>7.28</b>	CO 9
			min M <sub>z</sub>	-86.87	4.43	15.43	-0.03	-26.78	<b>-1.28</b>	CO 12
			max N	<b>-48.60</b>	-0.57	15.67	-0.05	-36.64	-1.05	CO 8
			min N	<b>-123.04</b>	1.64	5.61	0.07	14.56	4.29	CO 19
			max V <sub>y</sub>	-76.54	<b>2.76</b>	9.61	0.04	3.15	7.28	CO 9
			min V <sub>y</sub>	-91.20	<b>-0.62</b>	15.42	-0.01	-26.76	-1.28	CO 12
			max V <sub>z</sub>	-75.01	-0.60	<b>16.57</b>	-0.03	-36.84	-1.19	CO 14
			min V <sub>z</sub>	-73.81	0.06	<b>-1.83</b>	0.04	16.03	0.32	CO 2
			max M <sub>T</sub>	-119.29	2.72	9.34	<b>0.08</b>	13.48	7.10	CO 13
			min M <sub>T</sub>	-48.60	-0.57	15.67	<b>-0.05</b>	-36.64	-1.05	CO 8
			max M <sub>y</sub>	-111.60	0.02	-0.56	0.06	<b>16.14</b>	0.13	CO 17
			min M <sub>y</sub>	-75.01	-0.60	16.57	-0.03	<b>-36.84</b>	-1.19	CO 14
			max M <sub>z</sub>	-76.54	2.76	9.61	0.04	3.15	<b>7.28</b>	CO 9
			min M <sub>z</sub>	-91.20	-0.62	15.42	-0.01	-26.76	<b>-1.28</b>	CO 12
		7.664	max N	<b>-8.86</b>	-0.57	-2.56	-0.04	0.55	2.17	CO 8
			min N	<b>-83.27</b>	1.64	-5.41	0.08	15.07	-5.03	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-36.77	<b>2.77</b>	-8.56	0.04	6.11	-8.39	CO 9
			min V <sub>y</sub>	-51.46	<b>-0.62</b>	-2.83	0.00	8.98	2.26	CO 12
			max V <sub>z</sub>	-55.63	0.05	<b>0.56</b>	0.03	9.18	-0.06	CO 16
			min V <sub>z</sub>	-53.02	2.74	<b>-9.78</b>	0.07	9.56	-8.36	CO 11
			max M <sub>T</sub>	-79.53	2.72	-8.94	<b>0.08</b>	14.55	-8.37	CO 13
			min M <sub>T</sub>	-8.86	-0.57	-2.56	<b>-0.04</b>	0.55	2.17	CO 8
			max M <sub>y</sub>	-83.27	1.64	-5.41	0.08	<b>15.07</b>	-5.03	CO 19
			min M <sub>y</sub>	-8.86	-0.57	-2.56	-0.04	<b>0.55</b>	2.17	CO 8
			max M <sub>z</sub>	-51.46	-0.62	-2.83	0.00	8.98	<b>2.26</b>	CO 12
			min M <sub>z</sub>	-63.29	2.74	-7.71	0.06	11.10	<b>-8.41</b>	CO 15
			max N	<b>-13.01</b>	-21.93	-8.53	-0.01	6.17	-8.39	CO 9
			min N	<b>-71.14</b>	-0.25	-0.66	-0.01	12.70	-0.01	CO 17
			max V <sub>y</sub>	-57.59	<b>6.33</b>	-2.82	-0.02	9.00	2.26	CO 12
			min V <sub>y</sub>	-39.46	<b>-22.02</b>	-7.68	-0.01	11.17	-8.41	CO 15
			max V <sub>z</sub>	-54.87	-0.30	<b>0.57</b>	0.00	9.22	-0.06	CO 16
			min V <sub>z</sub>	-29.28	-21.92	<b>-9.75</b>	-0.01	9.64	-8.36	CO 11
			max M <sub>T</sub>	-17.08	-0.26	-0.66	<b>0.00</b>	2.08	-0.08	CO 1
			min M <sub>T</sub>	-57.59	6.33	-2.82	<b>-0.02</b>	9.00	2.26	CO 12
			max M <sub>y</sub>	-68.69	-13.34	-5.39	-0.01	<b>15.16</b>	-5.03	CO 19
			min M <sub>y</sub>	-14.83	6.22	-2.55	-0.02	<b>0.52</b>	2.17	CO 8
			max M <sub>z</sub>	-57.59	6.33	-2.82	-0.02	9.00	<b>2.26</b>	CO 12
			min M <sub>z</sub>	-39.46	-22.02	-7.68	-0.01	11.17	<b>-8.41</b>	CO 15
	565	7.900	max N	<b>-11.36</b>	-21.93	-9.29	-0.02	4.07	-3.22	CO 9
			min N	<b>-69.49</b>	-0.25	-0.66	-0.01	12.54	0.05	CO 17
			max V <sub>y</sub>	-55.93	<b>6.33</b>	-3.58	-0.02	8.24	0.77	CO 12
			min V <sub>y</sub>	-37.80	<b>-22.02</b>	-8.44	-0.02	9.27	-3.21	CO 15
			max V <sub>z</sub>	-53.21	-0.30	<b>0.56</b>	0.00	9.36	0.01	CO 16
			min V <sub>z</sub>	-27.63	-21.92	<b>-10.51</b>	-0.02	7.26	-3.19	CO 11
			max M <sub>T</sub>	-15.42	-0.26	-0.66	<b>0.00</b>	1.93	-0.02	CO 1
			min M <sub>T</sub>	-55.93	6.33	-3.58	<b>-0.02</b>	8.24	0.77	CO 12
			max M <sub>y</sub>	-67.04	-13.34	-5.85	-0.02	<b>13.83</b>	-1.88	CO 19
			min M <sub>y</sub>	-13.18	6.22	-3.31	-0.02	<b>-0.17</b>	0.70	CO 8
			max M <sub>z</sub>	-55.93	6.33	-3.58	-0.02	8.24	<b>0.77</b>	CO 12
			min M <sub>z</sub>	-11.36	-21.93	-9.29	-0.02	4.07	<b>-3.22</b>	CO 9
		7.664	Max N	<b>-8.86</b>	-0.57	-2.56	-0.04	0.55	2.17	CO 8
		0.123	Min N	<b>-183.11</b>	-71.51	158.08	0.34	-90.74	-29.05	CO 13
	400	0.000	Max V <sub>y</sub>	-132.17	<b>16.47</b>	207.09	-0.03	-157.34	7.09	CO 12
	400	0.000	Min V <sub>y</sub>	-174.53	<b>-87.13</b>	172.25	0.37	-109.25	-37.22	CO 13
	400	0.000	Max V <sub>z</sub>	-132.17	16.47	<b>207.09</b>	-0.03	-157.34	7.09	CO 12
	565	7.900	Min V <sub>z</sub>	-27.63	-21.92	<b>-10.51</b>	-0.02	7.26	-3.19	CO 11
	400	0.000	Max M <sub>T</sub>	-174.53	-87.13	172.25	<b>0.37</b>	-109.25	-37.22	CO 13



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		2.000	Min M <sub>T</sub>	-44.50	4.24	15.69	<b>-0.11</b>	-36.71	-1.05	CO 8
		4.938	Max M <sub>y</sub>	-98.68	2.74	-0.16	0.08	<b>26.97</b>	-0.92	CO 13
	400	0.000	Min M <sub>y</sub>	-132.17	16.47	207.09	-0.03	<b>-157.34</b>	7.09	CO 12
		2.000	Max M <sub>z</sub>	-76.54	2.76	9.61	0.04	3.15	<b>7.28</b>	CO 9
	400	0.000	Min M <sub>z</sub>	-174.53	-87.13	172.25	0.37	-109.25	<b>-37.22</b>	CO 13
452	394	0.000	max N	<b>-48.31</b>	0.07	8.71	0.01	-57.27	0.28	CO 8
			min N	<b>-167.93</b>	-0.05	0.29	0.00	-1.52	-0.37	CO 17
			max V <sub>y</sub>	-48.31	<b>0.07</b>	8.71	0.01	-57.27	0.28	CO 8
			min V <sub>y</sub>	-139.47	<b>-0.91</b>	-0.16	0.00	0.80	-6.96	CO 13
			max V <sub>z</sub>	-130.27	0.03	<b>8.79</b>	0.01	-58.62	0.03	CO 12
			min V <sub>z</sub>	-57.51	-0.90	<b>-0.32</b>	0.01	1.71	-6.71	CO 9
			max M <sub>T</sub>	-48.31	0.07	8.71	<b>0.01</b>	-57.27	0.28	CO 8
			min M <sub>T</sub>	-167.93	-0.05	0.29	<b>0.00</b>	-1.52	-0.37	CO 17
			max M <sub>y</sub>	-57.51	-0.90	-0.32	0.01	<b>1.71</b>	-6.71	CO 9
			min M <sub>y</sub>	-130.27	0.03	8.79	0.01	<b>-58.62</b>	0.03	CO 12
			max M <sub>z</sub>	-48.31	0.07	8.71	0.01	-57.27	<b>0.28</b>	CO 8
			min M <sub>z</sub>	-139.47	-0.91	-0.16	0.00	0.80	<b>-6.96</b>	CO 13
	566	7.419	max N	<b>-8.23</b>	0.07	8.73	0.01	7.65	-0.23	CO 8
			min N	<b>-127.87</b>	-0.05	0.30	0.00	0.71	0.00	CO 17
			max V <sub>y</sub>	-8.23	<b>0.07</b>	8.73	0.01	7.65	-0.23	CO 8
			min V <sub>y</sub>	-99.41	<b>-0.94</b>	-0.16	0.00	-0.43	-0.02	CO 13
			max V <sub>z</sub>	-90.19	0.03	<b>9.02</b>	0.01	8.04	-0.22	CO 12
			min V <sub>z</sub>	-17.44	-0.90	<b>-0.32</b>	0.01	-0.69	-0.01	CO 9
			max M <sub>T</sub>	-8.23	0.07	8.73	<b>0.01</b>	7.65	-0.23	CO 8
			min M <sub>T</sub>	-127.87	-0.05	0.30	<b>0.00</b>	0.71	0.00	CO 17
			max M <sub>y</sub>	-90.19	0.03	9.02	0.01	<b>8.04</b>	-0.22	CO 12
			min M <sub>y</sub>	-17.44	-0.90	-0.32	0.01	<b>-0.69</b>	-0.01	CO 9
			max M <sub>z</sub>	-55.75	-0.02	0.18	0.00	0.45	<b>0.00</b>	CO 2
			min M <sub>z</sub>	-8.23	0.07	8.73	0.01	7.65	<b>-0.23</b>	CO 8
	566	7.419	Max N	<b>-8.23</b>	0.07	8.73	0.01	7.65	-0.23	CO 8
	394	0.000	Min N	<b>-167.93</b>	-0.05	0.29	0.00	-1.52	-0.37	CO 17
		2.967	Max V <sub>y</sub>	-32.27	<b>0.07</b>	8.77	0.01	-31.32	0.07	CO 8
		6.182	Min V <sub>y</sub>	-106.08	<b>-0.95</b>	-0.17	0.00	-0.22	-1.18	CO 13
		5.440	Max V <sub>z</sub>	-100.87	0.03	<b>9.05</b>	0.01	-9.84	-0.16	CO 12
		3.462	Min V <sub>z</sub>	-38.81	-0.90	<b>-0.32</b>	0.01	0.59	-3.59	CO 9
	394	0.000	Max M <sub>T</sub>	-48.31	0.07	8.71	<b>0.01</b>	-57.27	0.28	CO 8
	566	7.419	Min M <sub>T</sub>	-127.87	-0.05	0.30	<b>0.00</b>	0.71	0.00	CO 17
	566	7.419	Max M <sub>y</sub>	-90.19	0.03	9.02	0.01	<b>8.04</b>	-0.22	CO 12
	394	0.000	Min M <sub>y</sub>	-130.27	0.03	8.79	0.01	<b>-58.62</b>	0.03	CO 12
	394	0.000	Max M <sub>z</sub>	-48.31	0.07	8.71	0.01	-57.27	<b>0.28</b>	CO 8
	394	0.000	Min M <sub>z</sub>	-139.47	-0.91	-0.16	0.00	0.80	<b>-6.96</b>	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
456	392	0.000	max N	<b>-126.10</b>	-4.18	-59.72	-0.05	30.83	-1.77	CO 1
			min N	<b>-175.18</b>	-80.30	-176.90	-0.38	115.17	-34.33	CO 13
			max V <sub>y</sub>	-126.10	<b>-4.18</b>	-59.72	-0.05	30.83	-1.77	CO 1
			min V <sub>y</sub>	-175.18	<b>-80.30</b>	-176.90	-0.38	115.17	-34.33	CO 13
			max V <sub>z</sub>	-127.32	-19.94	<b>21.84</b>	-0.09	-63.00	-8.58	CO 8
			min V <sub>z</sub>	-175.18	-80.30	<b>-176.90</b>	-0.38	115.17	-34.33	CO 13
			max M <sub>T</sub>	-126.10	-4.18	-59.72	<b>-0.05</b>	30.83	-1.77	CO 1
			min M <sub>T</sub>	-175.18	-80.30	-176.90	<b>-0.38</b>	115.17	-34.33	CO 13
			max M <sub>y</sub>	-175.18	-80.30	-176.90	-0.38	<b>115.17</b>	-34.33	CO 13
			min M <sub>y</sub>	-127.32	-19.94	21.84	-0.09	<b>-63.00</b>	-8.58	CO 8
			max M <sub>z</sub>	-126.10	-4.18	-59.72	-0.05	30.83	<b>-1.77</b>	CO 1
			min M <sub>z</sub>	-175.18	-80.30	-176.90	-0.38	115.17	<b>-34.33</b>	CO 13
		1.800	max N	<b>-45.10</b>	-3.27	-2.55	-0.07	-50.91	0.32	CO 8
			min N	<b>-109.23</b>	-14.16	-12.24	-0.17	-7.57	1.76	CO 13
			max V <sub>y</sub>	-86.90	<b>-0.55</b>	-6.61	-0.12	-14.86	-0.03	CO 17
			min V <sub>y</sub>	-77.29	<b>-14.36</b>	-7.93	-0.10	1.91	1.90	CO 9
			max V <sub>z</sub>	-46.74	-0.90	<b>-2.10</b>	-0.03	-5.50	0.17	CO 1
			min V <sub>z</sub>	-109.23	-14.16	<b>-12.24</b>	-0.17	-7.57	1.76	CO 13
			max M <sub>T</sub>	-46.74	-0.90	-2.10	<b>-0.03</b>	-5.50	0.17	CO 1
			min M <sub>T</sub>	-109.23	-14.16	-12.24	<b>-0.17</b>	-7.57	1.76	CO 13
			max M <sub>y</sub>	-96.93	-14.22	-8.42	-0.12	<b>2.26</b>	1.81	CO 15
			min M <sub>y</sub>	-57.38	-3.20	-6.41	-0.13	<b>-60.91</b>	0.26	CO 10
			max M <sub>z</sub>	-77.29	-14.36	-7.93	-0.10	1.91	<b>1.90</b>	CO 9
			min M <sub>z</sub>	-86.90	-0.55	-6.61	-0.12	-14.86	<b>-0.03</b>	CO 17
			max N	<b>-60.94</b>	-5.26	25.61	-0.07	-54.02	0.30	CO 8
			min N	<b>-147.07</b>	-21.36	-11.36	-0.19	-7.78	1.73	CO 13
			max V <sub>y</sub>	-100.74	<b>-1.14</b>	-0.64	-0.07	-5.26	0.02	CO 16
			min V <sub>y</sub>	-147.07	<b>-21.36</b>	-11.36	-0.19	-7.78	1.73	CO 13
			max V <sub>z</sub>	-77.29	-5.34	<b>26.70</b>	-0.14	-64.47	0.25	CO 10
			min V <sub>z</sub>	-130.70	-21.27	<b>-12.39</b>	-0.13	2.49	1.79	CO 15
			max M <sub>T</sub>	-63.19	-1.15	0.58	<b>-0.04</b>	-5.76	0.17	CO 1
			min M <sub>T</sub>	-147.07	-21.36	-11.36	<b>-0.19</b>	-7.78	1.73	CO 13
			max M <sub>y</sub>	-130.70	-21.27	-12.39	-0.13	<b>2.49</b>	1.79	CO 15
			min M <sub>y</sub>	-77.29	-5.34	26.70	-0.14	<b>-64.47</b>	0.25	CO 10
			max M <sub>z</sub>	-104.29	-21.21	-11.53	-0.11	2.12	<b>1.89</b>	CO 9
			min M <sub>z</sub>	-117.04	-1.19	0.40	-0.13	-15.53	<b>-0.04</b>	CO 17
		2.000	max N	<b>-59.53</b>	-5.26	24.59	-0.07	-49.00	1.36	CO 8
			min N	<b>-145.67</b>	-21.35	-10.72	-0.19	-9.99	6.01	CO 13
			max V <sub>y</sub>	-99.34	<b>-1.14</b>	-0.64	-0.07	-5.39	0.25	CO 16
			min V <sub>y</sub>	-145.67	<b>-21.35</b>	-10.72	-0.19	-9.99	6.01	CO 13
			max V <sub>z</sub>	-75.88	-5.34	<b>25.68</b>	-0.14	-59.24	1.31	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-129.30	-21.27	<b>-11.75</b>	-0.13	0.07	6.05	CO 15
			max M <sub>T</sub>	-61.79	-1.15	0.58	<b>-0.04</b>	-5.65	0.40	CO 1
			min M <sub>T</sub>	-145.67	-21.35	-10.72	<b>-0.19</b>	-9.99	6.01	CO 13
			max M <sub>y</sub>	-129.30	-21.27	-11.75	-0.13	<b>0.07</b>	6.05	CO 15
			min M <sub>y</sub>	-102.26	-5.38	24.85	-0.16	<b>-59.32</b>	1.22	CO 12
			max M <sub>z</sub>	-102.88	-21.21	-10.89	-0.11	-0.13	<b>6.13</b>	CO 9
			min M <sub>z</sub>	-115.64	-1.19	0.41	-0.13	-15.45	<b>0.20</b>	CO 17
			max N	<b>-53.04</b>	0.60	24.58	-0.01	-48.94	1.36	CO 8
			min N	<b>-125.03</b>	1.23	-6.48	-0.08	-12.03	3.66	CO 19
			max V <sub>y</sub>	-78.46	<b>2.07</b>	-10.87	-0.05	-0.07	6.13	CO 9
			min V <sub>y</sub>	-113.92	<b>0.02</b>	0.41	-0.06	-15.39	0.20	CO 17
			max V <sub>z</sub>	-69.33	0.59	<b>25.67</b>	-0.03	-59.14	1.31	CO 10
			min V <sub>z</sub>	-104.83	2.05	<b>-11.73</b>	-0.06	0.14	6.05	CO 15
			max M <sub>T</sub>	-53.04	0.60	24.58	<b>-0.01</b>	-48.94	1.36	CO 8
			min M <sub>T</sub>	-121.13	2.04	-10.69	<b>-0.09</b>	-9.88	6.01	CO 13
			max M <sub>y</sub>	-104.83	2.05	-11.73	-0.06	<b>0.14</b>	6.05	CO 15
			min M <sub>y</sub>	-95.68	0.57	24.84	-0.05	<b>-59.21</b>	1.22	CO 12
			max M <sub>z</sub>	-78.46	2.07	-10.87	-0.05	-0.07	<b>6.13</b>	CO 9
			min M <sub>z</sub>	-113.92	0.02	0.41	-0.06	-15.39	<b>0.20</b>	CO 17
		8.178	max N	<b>-9.71</b>	0.60	-7.28	-0.02	4.61	-2.36	CO 8
			min N	<b>-81.66</b>	1.23	5.54	-0.08	-14.87	-3.96	CO 19
			max V <sub>y</sub>	-35.09	<b>2.08</b>	8.95	-0.05	-5.96	-6.73	CO 9
			min V <sub>y</sub>	-70.55	<b>0.02</b>	0.51	-0.06	-12.49	0.08	CO 17
			max V <sub>z</sub>	-51.38	2.07	<b>10.06</b>	-0.08	-9.28	-6.69	CO 11
			min V <sub>z</sub>	-36.07	0.58	<b>-8.07</b>	-0.03	-0.39	-2.33	CO 14
			max M <sub>T</sub>	-16.71	0.07	0.59	<b>-0.02</b>	-2.00	-0.04	CO 1
			min M <sub>T</sub>	-77.76	2.05	9.24	<b>-0.09</b>	-14.30	-6.67	CO 13
			max M <sub>y</sub>	-9.71	0.60	-7.28	-0.02	<b>4.61</b>	-2.36	CO 8
			min M <sub>y</sub>	-81.66	1.23	5.54	-0.08	<b>-14.87</b>	-3.96	CO 19
			max M <sub>z</sub>	-70.55	0.02	0.51	-0.06	-12.49	<b>0.08</b>	CO 17
			min M <sub>z</sub>	-35.09	2.08	8.95	-0.05	-5.96	<b>-6.73</b>	CO 9
			max N	<b>-1.15</b>	-7.27	-7.26	-0.02	4.62	-2.36	CO 8
			min N	<b>-70.05</b>	-0.04	0.51	0.00	-12.55	0.08	CO 17
			max V <sub>y</sub>	-70.05	<b>-0.04</b>	0.51	0.00	-12.55	0.08	CO 17
			min V <sub>y</sub>	-12.50	<b>-19.40</b>	8.93	0.01	-6.02	-6.73	CO 9
			max V <sub>z</sub>	-28.82	-19.39	<b>10.03</b>	0.01	-9.36	-6.69	CO 11
			min V <sub>z</sub>	-27.54	-7.26	<b>-8.06</b>	-0.02	-0.40	-2.33	CO 14
			max M <sub>T</sub>	-38.90	-19.40	8.10	<b>0.02</b>	-11.05	-6.70	CO 15
			min M <sub>T</sub>	-1.15	-7.27	-7.26	<b>-0.02</b>	4.62	-2.36	CO 8
			max M <sub>y</sub>	-1.15	-7.27	-7.26	-0.02	<b>4.62</b>	-2.36	CO 8
			min M <sub>y</sub>	-67.94	-11.65	5.52	0.01	<b>-14.96</b>	-3.96	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-70.05	-0.04	0.51	0.00	-12.55	<b>0.08</b>	CO 17
			min M <sub>z</sub>	-12.50	-19.40	8.93	0.01	-6.02	<b>-6.73</b>	CO 9
	567	8.378	max N	<b>0.25</b>	-7.27	-8.29	-0.02	3.07	-0.91	CO 8
			min N	<b>-68.64</b>	-0.04	0.51	0.00	-12.45	0.09	CO 17
			max V <sub>y</sub>	-68.64	<b>-0.04</b>	0.51	0.00	-12.45	0.09	CO 17
			min V <sub>y</sub>	-11.10	<b>-19.40</b>	9.56	0.02	-4.17	-2.85	CO 9
			max V <sub>z</sub>	-27.42	-19.39	<b>10.67</b>	0.02	-7.30	-2.81	CO 11
			min V <sub>z</sub>	-26.14	-7.26	<b>-9.09</b>	-0.02	-2.11	-0.88	CO 14
			max M <sub>T</sub>	-53.82	-19.39	9.85	<b>0.02</b>	-12.50	-2.79	CO 13
			min M <sub>T</sub>	0.25	-7.27	-8.29	<b>-0.02</b>	3.07	-0.91	CO 8
			max M <sub>y</sub>	0.25	-7.27	-8.29	-0.02	<b>3.07</b>	-0.91	CO 8
			min M <sub>y</sub>	-66.54	-11.65	5.90	0.01	<b>-13.82</b>	-1.63	CO 19
			max M <sub>z</sub>	-68.64	-0.04	0.51	0.00	-12.45	<b>0.09</b>	CO 17
			min M <sub>z</sub>	-11.10	-19.40	9.56	0.02	-4.17	<b>-2.85</b>	CO 9
	567	8.378	Max N	<b>0.25</b>	-7.27	-8.29	-0.02	3.07	-0.91	CO 8
		0.123	Min N	<b>-183.99</b>	-65.93	-162.60	-0.35	96.17	-26.82	CO 13
		5.175	Max V <sub>y</sub>	-56.18	<b>2.08</b>	-0.68	-0.04	-18.40	-0.47	CO 9
	392	0.000	Min V <sub>y</sub>	-175.18	<b>-80.30</b>	-176.90	-0.38	115.17	-34.33	CO 13
		1.800	Max V <sub>z</sub>	-77.29	-5.34	<b>26.70</b>	-0.14	-64.47	0.25	CO 10
	392	0.000	Min V <sub>z</sub>	-175.18	-80.30	<b>-176.90</b>	-0.38	115.17	-34.33	CO 13
	567	8.378	Max M <sub>T</sub>	-53.82	-19.39	9.85	<b>0.02</b>	-12.50	-2.79	CO 13
	392	0.000	Min M <sub>T</sub>	-175.18	-80.30	-176.90	<b>-0.38</b>	115.17	-34.33	CO 13
	392	0.000	Max M <sub>y</sub>	-175.18	-80.30	-176.90	-0.38	<b>115.17</b>	-34.33	CO 13
		1.800	Min M <sub>y</sub>	-77.29	-5.34	26.70	-0.14	<b>-64.47</b>	0.25	CO 10
		2.000	Max M <sub>z</sub>	-78.46	2.07	-10.87	-0.05	-0.07	<b>6.13</b>	CO 9
	392	0.000	Min M <sub>z</sub>	-175.18	-80.30	-176.90	-0.38	115.17	<b>-34.33</b>	CO 13
460	459	0.000	max N	<b>-56.42</b>	-0.98	-0.42	0.00	1.79	-7.22	CO 9
			min N	<b>-167.05</b>	0.07	-0.21	0.00	0.96	0.51	CO 17
			max V <sub>y</sub>	-138.81	<b>0.43</b>	8.54	-0.03	-57.17	2.99	CO 12
			min V <sub>y</sub>	-56.42	<b>-0.98</b>	-0.42	0.00	1.79	-7.22	CO 9
			max V <sub>z</sub>	-56.86	0.39	<b>8.71</b>	-0.03	-57.29	2.64	CO 8
			min V <sub>z</sub>	-138.37	-0.91	<b>-0.52</b>	-0.01	2.36	-6.88	CO 13
			max M <sub>T</sub>	-63.47	0.01	-0.07	<b>0.00</b>	0.17	0.08	CO 1
			min M <sub>T</sub>	-138.81	0.43	8.54	<b>-0.03</b>	-57.17	2.99	CO 12
			max M <sub>y</sub>	-138.37	-0.91	-0.52	-0.01	<b>2.36</b>	-6.88	CO 13
			min M <sub>y</sub>	-88.33	0.41	8.68	-0.03	<b>-57.44</b>	2.78	CO 10
			max M <sub>z</sub>	-138.81	0.43	8.54	-0.03	-57.17	<b>2.99</b>	CO 12
			min M <sub>z</sub>	-56.42	-0.98	-0.42	0.00	1.79	<b>-7.22</b>	CO 9
	572	7.259	max N	<b>-17.22</b>	-0.99	-0.42	0.00	-1.27	-0.05	CO 9
			min N	<b>-127.85</b>	0.07	-0.22	0.00	-0.62	0.00	CO 17
			max V <sub>y</sub>	-99.59	<b>0.45</b>	8.79	-0.03	6.28	-0.23	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-17.22	<b>-0.99</b>	-0.42	0.00	-1.27	-0.05	CO 9
			max V <sub>z</sub>	-49.11	0.42	<b>8.80</b>	-0.03	6.40	-0.23	CO 10
			min V <sub>z</sub>	-99.17	-0.95	<b>-0.53</b>	0.00	-1.49	-0.06	CO 13
			max M <sub>T</sub>	-24.27	0.01	-0.07	<b>0.00</b>	-0.32	0.00	CO 1
			min M <sub>T</sub>	-99.59	0.45	8.79	<b>-0.03</b>	6.28	-0.23	CO 12
			max M <sub>y</sub>	-49.11	0.42	8.80	-0.03	<b>6.40</b>	-0.23	CO 10
			min M <sub>y</sub>	-99.17	-0.95	-0.53	0.00	<b>-1.49</b>	-0.06	CO 13
			max M <sub>z</sub>	-96.38	0.05	-0.21	0.00	-0.59	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-17.64	0.40	8.76	-0.03	6.39	<b>-0.24</b>	CO 8
	572	7.259	Max N	<b>-17.22</b>	-0.99	-0.42	0.00	-1.27	-0.05	CO 9
	459	0.000	Min N	<b>-167.05</b>	0.07	-0.21	0.00	0.96	0.51	CO 17
		5.757	Max V <sub>y</sub>	-107.70	<b>0.45</b>	8.81	-0.03	-6.94	0.44	CO 12
		4.005	Min V <sub>y</sub>	-34.80	<b>-0.99</b>	-0.42	0.00	0.10	-3.26	CO 9
		4.756	Max V <sub>z</sub>	-62.63	0.42	<b>8.83</b>	-0.03	-15.67	0.81	CO 10
		4.005	Min V <sub>z</sub>	-116.74	-0.95	<b>-0.53</b>	-0.01	0.24	-3.14	CO 13
	459	0.000	Max M <sub>T</sub>	-63.47	0.01	-0.07	<b>0.00</b>	0.17	0.08	CO 1
	459	0.000	Min M <sub>T</sub>	-138.81	0.43	8.54	<b>-0.03</b>	-57.17	2.99	CO 12
	572	7.259	Max M <sub>y</sub>	-49.11	0.42	8.80	-0.03	<b>6.40</b>	-0.23	CO 10
	459	0.000	Min M <sub>y</sub>	-88.33	0.41	8.68	-0.03	<b>-57.44</b>	2.78	CO 10
	459	0.000	Max M <sub>z</sub>	-138.81	0.43	8.54	-0.03	-57.17	<b>2.99</b>	CO 12
	459	0.000	Min M <sub>z</sub>	-56.42	-0.98	-0.42	0.00	1.79	<b>-7.22</b>	CO 9
463	460	0.000	max N	<b>-87.55</b>	-76.78	93.58	0.05	-63.42	-32.78	CO 9
			min N	<b>-156.34</b>	19.17	182.51	-0.13	-127.63	8.14	CO 18
			max V <sub>y</sub>	-150.28	<b>28.53</b>	206.84	-0.11	-157.03	12.10	CO 12
			min V <sub>y</sub>	-87.55	<b>-76.78</b>	93.58	0.05	-63.42	-32.78	CO 9
			max V <sub>z</sub>	-150.28	28.53	<b>206.84</b>	-0.11	-157.03	12.10	CO 12
			min V <sub>z</sub>	-124.34	3.96	<b>59.52</b>	-0.05	-30.57	1.67	CO 1
			max M <sub>T</sub>	-87.55	-76.78	93.58	<b>0.05</b>	-63.42	-32.78	CO 9
			min M <sub>T</sub>	-153.35	4.80	144.87	<b>-0.14</b>	-82.28	2.05	CO 17
			max M <sub>y</sub>	-124.34	3.96	59.52	-0.05	<b>-30.57</b>	1.67	CO 1
			min M <sub>y</sub>	-150.28	28.53	206.84	-0.11	<b>-157.03</b>	12.10	CO 12
			max M <sub>z</sub>	-150.28	28.53	206.84	-0.11	-157.03	<b>12.10</b>	CO 12
			min M <sub>z</sub>	-87.55	-76.78	93.58	0.05	-63.42	<b>-32.78</b>	CO 9
		1.800	max N	<b>-7.16</b>	-14.33	10.30	-0.16	1.69	2.00	CO 9
			min N	<b>-90.00</b>	3.53	3.56	-0.03	-10.58	-0.48	CO 18
			max V <sub>y</sub>	-52.32	<b>5.73</b>	-2.82	0.10	-37.37	-0.99	CO 8
			min V <sub>y</sub>	-39.09	<b>-14.66</b>	14.59	-0.24	11.66	2.17	CO 13
			max V <sub>z</sub>	-39.09	-14.66	<b>14.59</b>	-0.24	11.66	2.17	CO 13
			min V <sub>z</sub>	-52.32	5.73	<b>-2.82</b>	0.10	-37.37	-0.99	CO 8
			max M <sub>T</sub>	-52.32	5.73	-2.82	<b>0.10</b>	-37.37	-0.99	CO 8
			min M <sub>T</sub>	-39.09	-14.66	14.59	<b>-0.24</b>	11.66	2.17	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-57.24	0.88	5.70	-0.09	<b>15.71</b>	-0.14	CO 2
			min M <sub>y</sub>	-72.14	5.58	-2.30	0.08	<b>-37.72</b>	-0.90	CO 14
			max M <sub>z</sub>	-39.09	-14.66	14.59	-0.24	11.66	<b>2.17</b>	CO 13
			min M <sub>z</sub>	-52.32	5.73	-2.82	0.10	-37.37	<b>-0.99</b>	CO 8
			max N	<b>-9.94</b>	-20.57	12.73	-0.16	1.70	1.99	CO 9
			min N	<b>-121.11</b>	5.10	9.79	-0.04	-11.50	-0.48	CO 18
			max V <sub>y</sub>	-113.75	<b>7.66</b>	16.28	0.02	-29.84	-0.86	CO 12
			min V <sub>y</sub>	-36.35	<b>-20.62</b>	13.61	-0.18	1.62	2.11	CO 15
			max V <sub>z</sub>	-97.27	7.55	<b>17.43</b>	0.08	-40.18	-0.91	CO 14
			min V <sub>z</sub>	-77.08	1.19	<b>-1.82</b>	-0.10	16.45	-0.14	CO 2
			max M <sub>T</sub>	-70.62	7.48	16.52	<b>0.10</b>	-39.80	-1.01	CO 8
			min M <sub>T</sub>	-52.68	-20.58	12.44	<b>-0.24</b>	12.14	2.17	CO 13
			max M <sub>y</sub>	-77.08	1.19	-1.82	-0.10	<b>16.45</b>	-0.14	CO 2
			min M <sub>y</sub>	-97.27	7.55	17.43	0.08	<b>-40.18</b>	-0.91	CO 14
			max M <sub>z</sub>	-52.68	-20.58	12.44	-0.24	12.14	<b>2.17</b>	CO 13
			min M <sub>z</sub>	-70.62	7.48	16.52	0.10	-39.80	<b>-1.01</b>	CO 8
		2.000	max N	<b>-8.53</b>	-20.57	11.89	-0.16	4.16	6.11	CO 9
			min N	<b>-119.71</b>	5.10	9.41	-0.05	-9.58	-1.50	CO 18
			max V <sub>y</sub>	-112.35	<b>7.66</b>	15.65	0.01	-26.64	-2.39	CO 12
			min V <sub>y</sub>	-34.95	<b>-20.62</b>	12.78	-0.18	4.26	6.23	CO 15
			max V <sub>z</sub>	-95.87	7.55	<b>16.79</b>	0.07	-36.76	-2.42	CO 14
			min V <sub>z</sub>	-75.67	1.19	<b>-1.82</b>	-0.10	16.08	-0.38	CO 2
			max M <sub>T</sub>	-69.22	7.48	15.88	<b>0.09</b>	-36.56	-2.51	CO 8
			min M <sub>T</sub>	-51.28	-20.57	11.60	<b>-0.24</b>	14.54	6.29	CO 13
			max M <sub>y</sub>	-113.59	1.21	-0.56	-0.13	<b>16.20</b>	-0.23	CO 17
			min M <sub>y</sub>	-95.87	7.55	16.79	0.07	<b>-36.76</b>	-2.42	CO 14
			max M <sub>z</sub>	-51.28	-20.57	11.60	-0.24	14.54	<b>6.29</b>	CO 13
			min M <sub>z</sub>	-69.22	7.48	15.88	0.09	-36.56	<b>-2.51</b>	CO 8
			max N	<b>-29.96</b>	2.59	11.91	-0.09	4.09	6.11	CO 9
			min N	<b>-113.95</b>	-0.52	9.40	-0.03	-9.59	-1.50	CO 18
			max V <sub>y</sub>	-72.74	<b>2.63</b>	11.62	-0.13	14.42	6.29	CO 13
			min V <sub>y</sub>	-60.91	<b>-0.85</b>	15.88	0.03	-36.49	-2.51	CO 8
			max V <sub>z</sub>	-87.51	-0.84	<b>16.79</b>	0.02	-36.69	-2.42	CO 14
			min V <sub>z</sub>	-74.03	-0.09	<b>-1.82</b>	-0.04	16.02	-0.38	CO 2
			max M <sub>T</sub>	-60.91	-0.85	15.88	<b>0.03</b>	-36.49	-2.51	CO 8
			min M <sub>T</sub>	-72.74	2.63	11.62	<b>-0.13</b>	14.42	6.29	CO 13
			max M <sub>y</sub>	-111.95	-0.06	-0.56	-0.06	<b>16.13</b>	-0.23	CO 17
			min M <sub>y</sub>	-87.51	-0.84	16.79	0.02	<b>-36.69</b>	-2.42	CO 14
			max M <sub>z</sub>	-72.74	2.63	11.62	-0.13	14.42	<b>6.29</b>	CO 13
			min M <sub>z</sub>	-60.91	-0.85	15.88	0.03	-36.49	<b>-2.51</b>	CO 8
		7.664	max N	<b>9.81</b>	2.60	-11.73	-0.08	4.55	-8.59	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-74.20</b>	-0.53	-1.59	-0.03	12.58	1.48	CO 18
			max V <sub>y</sub>	-32.97	<b>2.63</b>	-12.10	-0.12	12.99	-8.62	CO 13
			min V <sub>y</sub>	-21.17	<b>-0.85</b>	-2.35	0.04	1.92	2.31	CO 8
			max V <sub>z</sub>	-55.84	-0.07	<b>0.57</b>	-0.03	9.20	0.14	CO 16
			min V <sub>z</sub>	-6.49	2.61	<b>-12.95</b>	-0.11	8.00	-8.61	CO 11
			max M <sub>T</sub>	-21.17	-0.85	-2.35	<b>0.04</b>	1.92	2.31	CO 8
			min M <sub>T</sub>	-32.97	2.63	-12.10	<b>-0.12</b>	12.99	-8.62	CO 13
			max M <sub>y</sub>	-55.46	1.56	-7.31	-0.10	<b>14.15</b>	-5.12	CO 19
			min M <sub>y</sub>	-21.17	-0.85	-2.35	0.04	<b>1.92</b>	2.31	CO 8
			max M <sub>z</sub>	-64.15	-0.84	-2.61	0.00	10.38	<b>2.36</b>	CO 12
			min M <sub>z</sub>	-32.97	2.63	-12.10	-0.12	12.99	<b>-8.62</b>	CO 13
			max N	<b>-13.05</b>	-22.09	-11.76	-0.01	4.63	-8.59	CO 9
			min N	<b>-71.14</b>	0.59	-0.65	0.01	12.73	0.13	CO 17
			max V <sub>y</sub>	-57.49	<b>5.76</b>	-2.61	0.03	10.41	2.36	CO 12
			min V <sub>y</sub>	-13.05	<b>-22.09</b>	-11.76	-0.01	4.63	-8.59	CO 9
			max V <sub>z</sub>	-54.87	0.50	<b>0.57</b>	0.00	9.24	0.14	CO 16
			min V <sub>z</sub>	-29.32	-22.04	<b>-12.97</b>	-0.01	8.11	-8.61	CO 11
			max M <sub>T</sub>	-57.49	5.76	-2.61	<b>0.03</b>	10.41	2.36	CO 12
			min M <sub>T</sub>	-13.05	-22.09	-11.76	<b>-0.01</b>	4.63	-8.59	CO 9
			max M <sub>y</sub>	-68.72	-12.95	-7.33	0.00	<b>14.25</b>	-5.12	CO 19
			min M <sub>y</sub>	-14.74	5.50	-2.34	0.03	<b>1.90</b>	2.31	CO 8
			max M <sub>z</sub>	-57.49	5.76	-2.61	0.03	10.41	<b>2.36</b>	CO 12
			min M <sub>z</sub>	-55.77	-21.99	-12.13	0.00	13.12	<b>-8.62</b>	CO 13
	573	7.900	max N	<b>-11.39</b>	-22.09	-12.74	-0.01	1.74	-3.38	CO 9
			min N	<b>-69.48</b>	0.59	-0.65	0.01	12.58	0.00	CO 17
			max V <sub>y</sub>	-55.83	<b>5.76</b>	-3.37	0.03	9.71	1.00	CO 12
			min V <sub>y</sub>	-11.39	<b>-22.09</b>	-12.74	-0.01	1.74	-3.38	CO 9
			max V <sub>z</sub>	-53.21	0.50	<b>0.57</b>	0.00	9.38	0.02	CO 16
			min V <sub>z</sub>	-27.66	-22.04	<b>-13.96</b>	-0.01	4.93	-3.41	CO 11
			max M <sub>T</sub>	-55.83	5.76	-3.37	<b>0.03</b>	9.71	1.00	CO 12
			min M <sub>T</sub>	-11.39	-22.09	-12.74	<b>-0.01</b>	1.74	-3.38	CO 9
			max M <sub>y</sub>	-69.48	0.59	-0.65	0.01	<b>12.58</b>	0.00	CO 17
			min M <sub>y</sub>	-13.09	5.50	-3.10	0.02	<b>1.26</b>	1.02	CO 8
			max M <sub>z</sub>	-39.55	5.65	-2.19	0.03	6.49	<b>1.02</b>	CO 14
			min M <sub>z</sub>	-54.11	-21.99	-13.12	-0.01	10.14	<b>-3.43</b>	CO 13
		7.664	Max N	<b>9.81</b>	2.60	-11.73	-0.08	4.55	-8.59	CO 9
		0.123	Min N	<b>-165.36</b>	15.67	168.10	-0.13	-108.06	6.34	CO 18
	460	0.000	Max V <sub>y</sub>	-150.28	<b>28.53</b>	206.84	-0.11	-157.03	12.10	CO 12
	460	0.000	Min V <sub>y</sub>	-87.55	<b>-76.78</b>	93.58	0.05	-63.42	-32.78	CO 9
	460	0.000	Max V <sub>z</sub>	-150.28	28.53	<b>206.84</b>	-0.11	-157.03	12.10	CO 12
	573	7.900	Min V <sub>z</sub>	-27.66	-22.04	<b>-13.96</b>	-0.01	4.93	-3.41	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.800	Max M <sub>T</sub>	-52.32	5.73	-2.82	<b>0.10</b>	-37.37	-0.99	CO 8
		1.800	Min M <sub>T</sub>	-39.09	-14.66	14.59	<b>-0.24</b>	11.66	2.17	CO 13
		4.691	Max M <sub>y</sub>	-53.86	2.63	0.33	-0.13	<b>30.51</b>	-0.79	CO 13
	460	0.000	Min M <sub>y</sub>	-150.28	28.53	206.84	-0.11	<b>-157.03</b>	12.10	CO 12
	460	0.000	Max M <sub>z</sub>	-150.28	28.53	206.84	-0.11	-157.03	<b>12.10</b>	CO 12
	460	0.000	Min M <sub>z</sub>	-87.55	-76.78	93.58	0.05	-63.42	<b>-32.78</b>	CO 9
464	458	0.000	max N	<b>-48.02</b>	-0.31	8.24	-0.03	-55.28	-2.07	CO 8
			min N	<b>-167.93</b>	0.06	0.29	0.00	-1.50	0.46	CO 17
			max V <sub>y</sub>	-167.93	<b>0.06</b>	0.29	0.00	-1.50	0.46	CO 17
			min V <sub>y</sub>	-60.90	<b>-0.91</b>	0.24	0.01	-0.20	-6.84	CO 9
			max V <sub>z</sub>	-129.96	-0.27	<b>8.32</b>	-0.03	-56.60	-1.78	CO 12
			min V <sub>z</sub>	-64.34	0.01	<b>0.10</b>	0.00	-0.42	0.07	CO 1
			max M <sub>T</sub>	-142.85	-0.85	0.39	<b>0.01</b>	-1.11	-6.53	CO 13
			min M <sub>T</sub>	-48.02	-0.31	8.24	<b>-0.03</b>	-55.28	-2.07	CO 8
			max M <sub>y</sub>	-60.90	-0.91	0.24	0.01	<b>-0.20</b>	-6.84	CO 9
			min M <sub>y</sub>	-129.96	-0.27	8.32	-0.03	<b>-56.60</b>	-1.78	CO 12
			max M <sub>z</sub>	-167.93	0.06	0.29	0.00	-1.50	<b>0.46</b>	CO 17
			min M <sub>z</sub>	-60.90	-0.91	0.24	0.01	-0.20	<b>-6.84</b>	CO 9
	574	7.419	max N	<b>-7.94</b>	-0.31	8.26	-0.03	6.16	0.24	CO 8
			min N	<b>-127.87</b>	0.06	0.30	0.00	0.70	0.00	CO 17
			max V <sub>y</sub>	-127.87	<b>0.06</b>	0.30	0.00	0.70	0.00	CO 17
			min V <sub>y</sub>	-20.84	<b>-0.91</b>	0.24	0.00	1.55	-0.05	CO 9
			max V <sub>z</sub>	-89.88	-0.27	<b>8.55</b>	-0.03	6.52	0.24	CO 12
			min V <sub>z</sub>	-24.28	0.01	<b>0.10</b>	0.00	0.35	0.00	CO 1
			max M <sub>T</sub>	-102.79	-0.88	0.39	<b>0.01</b>	1.82	-0.06	CO 13
			min M <sub>T</sub>	-7.94	-0.31	8.26	<b>-0.03</b>	6.16	0.24	CO 8
			max M <sub>y</sub>	-89.88	-0.27	8.55	-0.03	<b>6.52</b>	0.24	CO 12
			min M <sub>y</sub>	-24.28	0.01	0.10	0.00	<b>0.35</b>	0.00	CO 1
			max M <sub>z</sub>	-7.94	-0.31	8.26	-0.03	6.16	<b>0.24</b>	CO 8
			min M <sub>z</sub>	-102.79	-0.88	0.39	0.01	1.82	<b>-0.06</b>	CO 13
	574	7.419	Max N	<b>-7.94</b>	-0.31	8.26	-0.03	6.16	0.24	CO 8
	458	0.000	Min N	<b>-167.93</b>	0.06	0.29	0.00	-1.50	0.46	CO 17
		6.182	Max V <sub>y</sub>	-134.54	<b>0.06</b>	0.30	0.00	0.33	0.08	CO 17
		4.204	Min V <sub>y</sub>	-38.20	<b>-0.92</b>	0.24	0.00	0.79	-2.99	CO 9
		5.440	Max V <sub>z</sub>	-100.56	-0.27	<b>8.57</b>	-0.03	-10.41	-0.30	CO 12
	458	0.000	Min V <sub>z</sub>	-64.34	0.01	<b>0.10</b>	0.00	-0.42	0.07	CO 1
	458	0.000	Max M <sub>T</sub>	-142.85	-0.85	0.39	<b>0.01</b>	-1.11	-6.53	CO 13
	458	0.000	Min M <sub>T</sub>	-48.02	-0.31	8.24	<b>-0.03</b>	-55.28	-2.07	CO 8
	574	7.419	Max M <sub>y</sub>	-89.88	-0.27	8.55	-0.03	<b>6.52</b>	0.24	CO 12
	458	0.000	Min M <sub>y</sub>	-129.96	-0.27	8.32	-0.03	<b>-56.60</b>	-1.78	CO 12
	458	0.000	Max M <sub>z</sub>	-167.93	0.06	0.29	0.00	-1.50	<b>0.46</b>	CO 17



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	458	0.000	Min M <sub>z</sub>	-60.90	-0.91	0.24	0.01	-0.20	<b>-6.84</b>	CO 9
468	456	0.000	max N	<b>-93.70</b>	-68.25	-98.66	-0.04	69.74	-29.15	CO 9
			min N	<b>-155.04</b>	5.52	-145.59	0.15	83.28	2.35	CO 17
			max V <sub>y</sub>	-155.04	<b>5.52</b>	-145.59	0.15	83.28	2.35	CO 17
			min V <sub>y</sub>	-93.70	<b>-68.25</b>	-98.66	-0.04	69.74	-29.15	CO 9
			max V <sub>z</sub>	-109.48	-21.94	<b>21.71</b>	-0.03	-62.79	-9.31	CO 8
			min V <sub>z</sub>	-114.45	-67.59	<b>-183.83</b>	0.04	121.46	-28.86	CO 13
			max M <sub>T</sub>	-155.04	5.52	-145.59	<b>0.15</b>	83.28	2.35	CO 17
			min M <sub>T</sub>	-93.70	-68.25	-98.66	<b>-0.04</b>	69.74	-29.15	CO 9
			max M <sub>y</sub>	-114.45	-67.59	-183.83	0.04	<b>121.46</b>	-28.86	CO 13
			min M <sub>y</sub>	-109.48	-21.94	21.71	-0.03	<b>-62.79</b>	-9.31	CO 8
			max M <sub>z</sub>	-155.04	5.52	-145.59	0.15	83.28	<b>2.35</b>	CO 17
			min M <sub>z</sub>	-93.70	-68.25	-98.66	-0.04	69.74	<b>-29.15</b>	CO 9
		1.800	max N	<b>-13.84</b>	-11.80	-10.03	0.18	1.94	1.39	CO 9
			min N	<b>-87.22</b>	0.67	-6.61	0.12	-14.84	0.01	CO 17
			max V <sub>y</sub>	-46.77	<b>0.91</b>	-2.10	0.03	-5.50	-0.17	CO 1
			min V <sub>y</sub>	-45.68	<b>-12.05</b>	-14.32	0.26	-7.53	1.55	CO 13
			max V <sub>z</sub>	-46.77	0.91	<b>-2.10</b>	0.03	-5.50	-0.17	CO 1
			min V <sub>z</sub>	-45.68	-12.05	<b>-14.32</b>	0.26	-7.53	1.55	CO 13
			max M <sub>T</sub>	-45.68	-12.05	-14.32	<b>0.26</b>	-7.53	1.55	CO 13
			min M <sub>T</sub>	-46.77	0.91	-2.10	<b>0.03</b>	-5.50	-0.17	CO 1
			max M <sub>y</sub>	-33.46	-11.96	-10.51	0.20	<b>2.29</b>	1.49	CO 15
			min M <sub>y</sub>	-38.67	-4.20	-6.24	0.14	<b>-60.82</b>	0.65	CO 10
			max M <sub>z</sub>	-45.68	-12.05	-14.32	0.26	-7.53	<b>1.55</b>	CO 13
			min M <sub>z</sub>	-46.77	0.91	-2.10	0.03	-5.50	<b>-0.17</b>	CO 1
			max N	<b>-18.93</b>	-18.07	-14.41	0.17	2.15	1.37	CO 9
			min N	<b>-117.47</b>	1.39	0.40	0.13	-15.52	0.02	CO 17
			max V <sub>y</sub>	-117.47	<b>1.39</b>	0.40	0.13	-15.52	0.02	CO 17
			min V <sub>y</sub>	-18.93	<b>-18.07</b>	-14.41	0.17	2.15	1.37	CO 9
			max V <sub>z</sub>	-52.11	-5.82	<b>26.91</b>	0.13	-64.38	0.66	CO 10
			min V <sub>z</sub>	-45.32	-18.03	<b>-15.27</b>	0.19	2.52	1.47	CO 15
			max M <sub>T</sub>	-61.59	-17.99	-14.22	<b>0.26</b>	-7.74	1.53	CO 13
			min M <sub>T</sub>	-63.23	1.16	0.58	<b>0.04</b>	-5.76	-0.17	CO 1
			max M <sub>y</sub>	-45.32	-18.03	-15.27	0.19	<b>2.52</b>	1.47	CO 15
			min M <sub>y</sub>	-52.11	-5.82	26.91	0.13	<b>-64.38</b>	0.66	CO 10
			max M <sub>z</sub>	-61.59	-17.99	-14.22	0.26	-7.74	<b>1.53</b>	CO 13
			min M <sub>z</sub>	-63.23	1.16	0.58	0.04	-5.76	<b>-0.17</b>	CO 1
		2.000	max N	<b>-17.53</b>	-18.07	-13.57	0.17	-0.64	4.98	CO 9
			min N	<b>-116.07</b>	1.39	0.40	0.13	-15.44	-0.26	CO 17
			max V <sub>y</sub>	-116.07	<b>1.39</b>	0.40	0.13	-15.44	-0.26	CO 17
			min V <sub>y</sub>	-17.53	<b>-18.07</b>	-13.57	0.17	-0.64	4.98	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-50.71	-5.82	<b>25.89</b>	0.14	-59.10	1.82	CO 10
			min V <sub>z</sub>	-43.92	-18.02	<b>-14.44</b>	0.19	-0.45	5.07	CO 15
			max M <sub>T</sub>	-60.19	-17.99	-13.38	<b>0.26</b>	-10.50	5.13	CO 13
			min M <sub>T</sub>	-61.83	1.16	0.58	<b>0.04</b>	-5.64	-0.40	CO 1
			max M <sub>y</sub>	-43.92	-18.02	-14.44	0.19	<b>-0.45</b>	5.07	CO 15
			min M <sub>y</sub>	-77.11	-5.77	25.06	0.16	<b>-59.17</b>	1.91	CO 12
			max M <sub>z</sub>	-60.19	-17.99	-13.38	0.26	-10.50	<b>5.13</b>	CO 13
			min M <sub>z</sub>	-61.83	1.16	0.58	0.04	-5.64	<b>-0.40</b>	CO 1
			max N	<b>-37.67</b>	1.94	-13.59	0.10	-0.58	4.98	CO 9
			min N	<b>-114.14</b>	-0.04	0.40	0.06	-15.37	-0.26	CO 17
			max V <sub>y</sub>	-80.28	<b>1.98</b>	-13.40	0.14	-10.39	5.13	CO 13
			min V <sub>y</sub>	-60.10	<b>-0.07</b>	0.58	0.02	-5.62	-0.40	CO 1
			max V <sub>z</sub>	-56.80	0.54	<b>25.87</b>	0.04	-59.00	1.82	CO 10
			min V <sub>z</sub>	-64.04	1.96	<b>-14.45</b>	0.11	-0.37	5.07	CO 15
			max M <sub>T</sub>	-80.28	1.98	-13.40	<b>0.14</b>	-10.39	5.13	CO 13
			min M <sub>T</sub>	-40.54	0.53	24.78	<b>0.01</b>	-48.81	1.77	CO 8
			max M <sub>y</sub>	-64.04	1.96	-14.45	0.11	<b>-0.37</b>	5.07	CO 15
			min M <sub>y</sub>	-83.17	0.56	25.04	0.05	<b>-59.06</b>	1.91	CO 12
			max M <sub>z</sub>	-80.28	1.98	-13.40	0.14	-10.39	<b>5.13</b>	CO 13
			min M <sub>z</sub>	-60.10	-0.07	0.58	0.02	-5.62	<b>-0.40</b>	CO 1
		8.178	max N	<b>5.70</b>	1.95	12.21	0.10	-4.77	-7.03	CO 9
			min N	<b>-70.77</b>	-0.04	0.50	0.06	-12.50	-0.01	CO 17
			max V <sub>y</sub>	-36.91	<b>1.98</b>	12.49	0.14	-13.12	-7.12	CO 13
			min V <sub>y</sub>	-16.73	<b>-0.07</b>	0.59	0.02	-2.00	0.05	CO 1
			max V <sub>z</sub>	-10.55	1.96	<b>13.31</b>	0.12	-8.09	-7.09	CO 11
			min V <sub>z</sub>	-23.59	0.55	<b>-7.88</b>	0.02	0.92	-1.52	CO 14
			max M <sub>T</sub>	-36.91	1.98	12.49	<b>0.14</b>	-13.12	-7.12	CO 13
			min M <sub>T</sub>	2.79	0.53	-7.08	<b>0.00</b>	5.93	-1.49	CO 8
			max M <sub>y</sub>	2.79	0.53	-7.08	0.00	<b>5.93</b>	-1.49	CO 8
			min M <sub>y</sub>	-57.23	1.18	7.49	0.11	<b>-14.17</b>	-4.29	CO 19
			max M <sub>z</sub>	-16.73	-0.07	0.59	0.02	-2.00	<b>0.05</b>	CO 1
			min M <sub>z</sub>	-36.91	1.98	12.49	0.14	-13.12	<b>-7.12</b>	CO 13
			max N	<b>-1.27</b>	-3.85	-7.08	0.02	5.94	-1.49	CO 8
			min N	<b>-70.22</b>	-11.88	7.51	0.01	-14.27	-4.29	CO 19
			max V <sub>y</sub>	-53.72	<b>0.25</b>	-0.60	0.00	-9.21	0.03	CO 16
			min V <sub>y</sub>	-59.01	<b>-19.94</b>	12.52	0.01	-13.24	-7.12	CO 13
			max V <sub>z</sub>	-32.61	-19.91	<b>13.34</b>	0.01	-8.20	-7.09	CO 11
			min V <sub>z</sub>	-27.66	-3.85	<b>-7.88</b>	0.02	0.92	-1.52	CO 14
			max M <sub>T</sub>	-1.27	-3.85	-7.08	<b>0.02</b>	5.94	-1.49	CO 8
			min M <sub>T</sub>	-70.04	0.23	0.50	<b>0.00</b>	-12.57	-0.01	CO 17
			max M <sub>y</sub>	-1.27	-3.85	-7.08	0.02	<b>5.94</b>	-1.49	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-70.22	-11.88	7.51	0.01	<b>-14.27</b>	-4.29	CO 19
			max M <sub>z</sub>	-16.00	0.19	0.59	0.00	-2.01	<b>0.05</b>	CO 1
			min M <sub>z</sub>	-59.01	-19.94	12.52	0.01	-13.24	<b>-7.12</b>	CO 13
	575	8.378	max N	<b>0.13</b>	-3.85	-8.11	0.02	4.43	-0.72	CO 8
			min N	<b>-68.82</b>	-11.88	8.01	0.01	-12.72	-1.91	CO 19
			max V <sub>y</sub>	-52.32	<b>0.25</b>	-0.60	0.00	-9.34	-0.02	CO 16
			min V <sub>y</sub>	-57.61	<b>-19.94</b>	13.36	0.02	-10.66	-3.14	CO 13
			max V <sub>z</sub>	-31.20	-19.91	<b>14.17</b>	0.02	-5.45	-3.10	CO 11
			min V <sub>z</sub>	-26.26	-3.85	<b>-8.91</b>	0.02	-0.76	-0.75	CO 14
			max M <sub>T</sub>	0.13	-3.85	-8.11	<b>0.02</b>	4.43	-0.72	CO 8
			min M <sub>T</sub>	-68.64	0.23	0.50	<b>0.00</b>	-12.47	-0.06	CO 17
			max M <sub>y</sub>	0.13	-3.85	-8.11	0.02	<b>4.43</b>	-0.72	CO 8
			min M <sub>y</sub>	-68.82	-11.88	8.01	0.01	<b>-12.72</b>	-1.91	CO 19
			max M <sub>z</sub>	-14.60	0.19	0.59	0.00	-1.89	<b>0.01</b>	CO 1
			min M <sub>z</sub>	-57.61	-19.94	13.36	0.02	-10.66	<b>-3.14</b>	CO 13
		8.178	Max N	<b>5.70</b>	1.95	12.21	0.10	-4.77	-7.03	CO 9
		0.123	Min N	<b>-162.96</b>	4.51	-133.17	0.14	68.02	1.84	CO 17
	456	0.000	Max V <sub>y</sub>	-155.04	<b>5.52</b>	-145.59	0.15	83.28	2.35	CO 17
	456	0.000	Min V <sub>y</sub>	-93.70	<b>-68.25</b>	-98.66	-0.04	69.74	-29.15	CO 9
		1.800	Max V <sub>z</sub>	-52.11	-5.82	<b>26.91</b>	0.13	-64.38	0.66	CO 10
	456	0.000	Min V <sub>z</sub>	-114.45	-67.59	<b>-183.83</b>	0.04	121.46	-28.86	CO 13
		1.800	Max M <sub>T</sub>	-45.68	-12.05	-14.32	<b>0.26</b>	-7.53	1.55	CO 13
		0.246	Min M <sub>T</sub>	-90.13	-42.85	-75.33	<b>-0.08</b>	47.82	-17.05	CO 9
	456	0.000	Max M <sub>y</sub>	-114.45	-67.59	-183.83	0.04	<b>121.46</b>	-28.86	CO 13
		1.800	Min M <sub>y</sub>	-52.11	-5.82	26.91	0.13	<b>-64.38</b>	0.66	CO 10
		2.000	Max M <sub>z</sub>	-60.19	-17.99	-13.38	0.26	-10.50	<b>5.13</b>	CO 13
	456	0.000	Min M <sub>z</sub>	-93.70	-68.25	-98.66	-0.04	69.74	<b>-29.15</b>	CO 9
471	487	0.000	max N	<b>-55.02</b>	-1.04	-0.08	-0.01	0.53	-7.68	CO 9
			min N	<b>-165.51</b>	0.14	0.19	0.01	-0.10	1.02	CO 17
			max V <sub>y</sub>	-137.20	<b>0.96</b>	7.09	0.00	-47.52	7.04	CO 12
			min V <sub>y</sub>	-55.02	<b>-1.04</b>	-0.08	-0.01	0.53	-7.68	CO 9
			max V <sub>z</sub>	-137.20	0.96	<b>7.09</b>	0.00	-47.52	7.04	CO 12
			min V <sub>z</sub>	-55.02	-1.04	<b>-0.08</b>	-0.01	0.53	-7.68	CO 9
			max M <sub>T</sub>	-165.51	0.14	0.19	<b>0.01</b>	-0.10	1.02	CO 17
			min M <sub>T</sub>	-55.02	-1.04	-0.08	<b>-0.01</b>	0.53	-7.68	CO 9
			max M <sub>y</sub>	-105.50	-0.98	0.01	-0.01	<b>0.55</b>	-7.30	CO 15
			min M <sub>y</sub>	-137.20	0.96	7.09	0.00	<b>-47.52</b>	7.04	CO 12
			max M <sub>z</sub>	-137.20	0.96	7.09	0.00	-47.52	<b>7.04</b>	CO 12
			min M <sub>z</sub>	-55.02	-1.04	-0.08	-0.01	0.53	<b>-7.68</b>	CO 9
	580	7.259	max N	<b>-15.82</b>	-1.05	-0.08	-0.01	-0.09	-0.05	CO 9
			min N	<b>-126.31</b>	0.14	0.19	0.01	1.30	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-97.98	<b>1.00</b>	7.29	0.00	5.12	-0.13	CO 12
			min V <sub>y</sub>	-15.82	<b>-1.05</b>	-0.08	-0.01	-0.09	-0.05	CO 9
			max V <sub>z</sub>	-97.98	1.00	<b>7.29</b>	0.00	5.12	-0.13	CO 12
			min V <sub>z</sub>	-15.82	-1.05	<b>-0.08</b>	-0.01	-0.09	-0.05	CO 9
			max M <sub>T</sub>	-126.31	0.14	0.19	<b>0.01</b>	1.30	0.00	CO 17
			min M <sub>T</sub>	-15.82	-1.05	-0.08	<b>-0.01</b>	-0.09	-0.05	CO 9
			max M <sub>y</sub>	-97.98	1.00	7.29	0.00	<b>5.12</b>	-0.13	CO 12
			min M <sub>y</sub>	-15.82	-1.05	-0.08	-0.01	<b>-0.09</b>	-0.05	CO 9
			max M <sub>z</sub>	-22.72	0.02	-0.01	0.00	-0.06	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-97.98	1.00	7.29	0.00	5.12	<b>-0.13</b>	CO 12
	580	7.259	Max N	<b>-15.82</b>	-1.05	-0.08	-0.01	-0.09	-0.05	CO 9
	487	0.000	Min N	<b>-165.51</b>	0.14	0.19	0.01	-0.10	1.02	CO 17
		5.757	Max V <sub>y</sub>	-106.09	<b>1.00</b>	7.30	0.00	-5.84	1.36	CO 12
		4.005	Min V <sub>y</sub>	-33.39	<b>-1.05</b>	-0.08	-0.01	0.19	-3.48	CO 9
		5.507	Max V <sub>z</sub>	-107.44	1.00	<b>7.30</b>	0.00	-7.67	1.61	CO 12
		3.755	Min V <sub>z</sub>	-34.75	-1.05	<b>-0.08</b>	-0.01	0.21	-3.74	CO 9
	580	7.259	Max M <sub>T</sub>	-126.31	0.14	0.19	<b>0.01</b>	1.30	0.00	CO 17
	487	0.000	Min M <sub>T</sub>	-55.02	-1.04	-0.08	<b>-0.01</b>	0.53	-7.68	CO 9
	580	7.259	Max M <sub>y</sub>	-97.98	1.00	7.29	0.00	<b>5.12</b>	-0.13	CO 12
	487	0.000	Min M <sub>y</sub>	-137.20	0.96	7.09	0.00	<b>-47.52</b>	7.04	CO 12
	487	0.000	Max M <sub>z</sub>	-137.20	0.96	7.09	0.00	-47.52	<b>7.04</b>	CO 12
	487	0.000	Min M <sub>z</sub>	-55.02	-1.04	-0.08	-0.01	0.53	<b>-7.68</b>	CO 9
491	486	0.000	max N	<b>-46.46</b>	-0.64	6.63	-0.01	-45.50	-4.67	CO 8
			min N	<b>-166.36</b>	0.12	-0.13	-0.01	-0.32	0.91	CO 17
			max V <sub>y</sub>	-166.36	<b>0.12</b>	-0.13	-0.01	-0.32	0.91	CO 17
			min V <sub>y</sub>	-59.50	<b>-0.96</b>	-0.03	0.01	0.74	-7.20	CO 9
			max V <sub>z</sub>	-46.46	-0.64	<b>6.63</b>	-0.01	-45.50	-4.67	CO 8
			min V <sub>z</sub>	-164.39	-0.45	<b>-0.17</b>	0.00	0.27	-3.50	CO 19
			max M <sub>T</sub>	-59.50	-0.96	-0.03	<b>0.01</b>	0.74	-7.20	CO 9
			min M <sub>T</sub>	-128.40	-0.56	6.44	<b>-0.01</b>	-45.95	-4.10	CO 12
			max M <sub>y</sub>	-109.98	-0.89	-0.14	0.01	<b>0.83</b>	-6.83	CO 15
			min M <sub>y</sub>	-128.40	-0.56	6.44	-0.01	<b>-45.95</b>	-4.10	CO 12
			max M <sub>z</sub>	-166.36	0.12	-0.13	-0.01	-0.32	<b>0.91</b>	CO 17
			min M <sub>z</sub>	-59.50	-0.96	-0.03	0.01	0.74	<b>-7.20</b>	CO 9
	582	7.419	max N	<b>-6.39</b>	-0.65	6.65	-0.01	3.95	0.13	CO 8
			min N	<b>-126.30</b>	0.12	-0.12	-0.01	-1.24	0.00	CO 17
			max V <sub>y</sub>	-126.30	<b>0.12</b>	-0.12	-0.01	-1.24	0.00	CO 17
			min V <sub>y</sub>	-19.44	<b>-0.96</b>	-0.03	0.01	0.52	-0.04	CO 9
			max V <sub>z</sub>	-37.85	-0.62	<b>6.67</b>	-0.01	3.67	0.13	CO 10
			min V <sub>z</sub>	-124.33	-0.47	<b>-0.17</b>	0.00	-0.98	-0.03	CO 19
			max M <sub>T</sub>	-19.44	-0.96	-0.03	<b>0.01</b>	0.52	-0.04	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-88.32	-0.57	6.63	<b>-0.02</b>	3.00	0.13	CO 12
			max M <sub>y</sub>	-6.39	-0.65	6.65	-0.01	<b>3.95</b>	0.13	CO 8
			min M <sub>y</sub>	-126.30	0.12	-0.12	-0.01	<b>-1.24</b>	0.00	CO 17
			max M <sub>z</sub>	-88.32	-0.57	6.63	-0.02	3.00	<b>0.13</b>	CO 12
			min M <sub>z</sub>	-101.39	-0.89	-0.15	0.01	-0.50	<b>-0.05</b>	CO 13
	582	7.419	Max N	<b>-6.39</b>	-0.65	6.65	-0.01	3.95	0.13	CO 8
	486	0.000	Min N	<b>-166.36</b>	0.12	-0.13	-0.01	-0.32	0.91	CO 17
		6.429	Max V <sub>y</sub>	-131.64	<b>0.12</b>	-0.12	-0.01	-1.13	0.12	CO 17
		4.204	Min V <sub>y</sub>	-36.80	<b>-0.97</b>	-0.03	0.01	0.62	-3.15	CO 9
		4.698	Max V <sub>z</sub>	-52.54	-0.62	<b>6.69</b>	-0.01	-14.53	-1.55	CO 10
		1.484	Min V <sub>z</sub>	-156.38	-0.46	<b>-0.17</b>	0.00	0.02	-2.82	CO 19
	486	0.000	Max M <sub>T</sub>	-59.50	-0.96	-0.03	<b>0.01</b>	0.74	-7.20	CO 9
	582	7.419	Min M <sub>T</sub>	-88.32	-0.57	6.63	<b>-0.02</b>	3.00	0.13	CO 12
	582	7.419	Max M <sub>y</sub>	-6.39	-0.65	6.65	-0.01	<b>3.95</b>	0.13	CO 8
	486	0.000	Min M <sub>y</sub>	-128.40	-0.56	6.44	-0.01	<b>-45.95</b>	-4.10	CO 12
	486	0.000	Max M <sub>z</sub>	-166.36	0.12	-0.13	-0.01	-0.32	<b>0.91</b>	CO 17
	486	0.000	Min M <sub>z</sub>	-59.50	-0.96	-0.03	0.01	0.74	<b>-7.20</b>	CO 9
493	484	0.000	max N	<b>-115.49</b>	-1.84	16.62	-0.08	-55.81	-0.71	CO 8
			min N	<b>-152.13</b>	0.66	-144.63	0.01	82.12	0.30	CO 17
			max V <sub>y</sub>	-152.13	<b>0.66</b>	-144.63	0.01	82.12	0.30	CO 17
			min V <sub>y</sub>	-122.12	<b>-10.08</b>	-108.46	0.06	79.90	-4.80	CO 9
			max V <sub>z</sub>	-115.49	-1.84	<b>16.62</b>	-0.08	-55.81	-0.71	CO 8
			min V <sub>z</sub>	-142.94	-9.63	<b>-193.04</b>	0.07	130.90	-4.60	CO 13
			max M <sub>T</sub>	-142.94	-9.63	-193.04	<b>0.07</b>	130.90	-4.60	CO 13
			min M <sub>T</sub>	-115.49	-1.84	16.62	<b>-0.08</b>	-55.81	-0.71	CO 8
			max M <sub>y</sub>	-142.94	-9.63	-193.04	0.07	<b>130.90</b>	-4.60	CO 13
			min M <sub>y</sub>	-115.49	-1.84	16.62	-0.08	<b>-55.81</b>	-0.71	CO 8
			max M <sub>z</sub>	-152.13	0.66	-144.63	0.01	82.12	<b>0.30</b>	CO 17
			min M <sub>z</sub>	-122.12	-10.08	-108.46	0.06	79.90	<b>-4.80</b>	CO 9
		1.800	max N	<b>-33.02</b>	1.07	-0.69	0.05	-45.18	-0.57	CO 8
			min N	<b>-84.21</b>	3.87	-12.37	0.01	-9.04	-2.06	CO 19
			max V <sub>y</sub>	-43.96	<b>7.08</b>	-11.66	0.02	5.17	-3.78	CO 9
			min V <sub>y</sub>	-84.11	<b>-0.44</b>	-6.62	0.00	-15.51	0.24	CO 17
			max V <sub>z</sub>	-33.02	1.07	<b>-0.69</b>	0.05	-45.18	-0.57	CO 8
			min V <sub>z</sub>	-75.85	6.81	<b>-15.98</b>	0.02	-4.74	-3.63	CO 13
			max M <sub>T</sub>	-33.02	1.07	-0.69	<b>0.05</b>	-45.18	-0.57	CO 8
			min M <sub>T</sub>	-84.11	-0.44	-6.62	<b>0.00</b>	-15.51	0.24	CO 17
			max M <sub>y</sub>	-43.96	7.08	-11.66	0.02	<b>5.17</b>	-3.78	CO 9
			min M <sub>y</sub>	-64.91	0.78	-5.10	0.05	<b>-55.46</b>	-0.42	CO 12
			max M <sub>z</sub>	-84.11	-0.44	-6.62	0.00	-15.51	<b>0.24</b>	CO 17
			min M <sub>z</sub>	-43.96	7.08	-11.66	0.02	5.17	<b>-3.78</b>	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max N	<b>-44.69</b>	-0.09	24.93	0.02	-47.92	-0.61	CO 8
			min N	<b>-113.42</b>	-0.32	-10.75	0.01	-9.35	-2.22	CO 19
			max V <sub>y</sub>	-113.29	<b>0.04</b>	0.76	0.00	-16.22	0.25	CO 17
			min V <sub>y</sub>	-59.44	<b>-0.60</b>	-18.53	0.01	5.58	-4.06	CO 9
			max V <sub>z</sub>	-61.03	-0.08	<b>26.08</b>	0.02	-58.44	-0.54	CO 10
			min V <sub>z</sub>	-85.85	-0.58	<b>-19.23</b>	0.01	5.58	-3.97	CO 15
			max M <sub>T</sub>	-61.03	-0.08	26.08	<b>0.02</b>	-58.44	-0.54	CO 10
			min M <sub>T</sub>	-113.29	0.04	0.76	<b>0.00</b>	-16.22	0.25	CO 17
			max M <sub>y</sub>	-59.44	-0.60	-18.53	0.01	<b>5.58</b>	-4.06	CO 9
			min M <sub>y</sub>	-87.42	-0.06	25.42	0.02	<b>-58.67</b>	-0.45	CO 12
			max M <sub>z</sub>	-113.29	0.04	0.76	0.00	-16.22	<b>0.25</b>	CO 17
			min M <sub>z</sub>	-59.44	-0.60	-18.53	0.01	5.58	<b>-4.06</b>	CO 9
	583	8.378	max N	<b>1.45</b>	-0.09	-8.98	0.02	4.63	-0.05	CO 8
			min N	<b>-67.23</b>	-0.33	9.73	0.01	-12.63	-0.06	CO 19
			max V <sub>y</sub>	-67.11	<b>0.04</b>	0.86	0.00	-10.80	0.01	CO 17
			min V <sub>y</sub>	-13.26	<b>-0.60</b>	15.38	0.01	-4.72	-0.12	CO 9
			max V <sub>z</sub>	-29.59	-0.59	<b>16.55</b>	0.01	-7.52	-0.12	CO 11
			min V <sub>z</sub>	-24.96	-0.07	<b>-9.61</b>	0.02	0.23	-0.04	CO 14
			max M <sub>T</sub>	-14.88	-0.08	-7.80	<b>0.02</b>	1.84	-0.04	CO 10
			min M <sub>T</sub>	-67.11	0.04	0.86	<b>0.00</b>	-10.80	0.01	CO 17
			max M <sub>y</sub>	1.45	-0.09	-8.98	0.02	<b>4.63</b>	-0.05	CO 8
			min M <sub>y</sub>	-67.23	-0.33	9.73	0.01	<b>-12.63</b>	-0.06	CO 19
			max M <sub>z</sub>	-67.11	0.04	0.86	0.00	-10.80	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-13.26	-0.60	15.38	0.01	-4.72	<b>-0.12</b>	CO 9
	583	8.378	Max N	<b>1.45</b>	-0.09	-8.98	0.02	4.63	-0.05	CO 8
		0.123	Min N	<b>-159.98</b>	0.54	-132.26	0.02	66.96	0.24	CO 17
		1.800	Max V <sub>y</sub>	-43.96	<b>7.08</b>	-11.66	0.02	5.17	-3.78	CO 9
	484	0.000	Min V <sub>y</sub>	-122.12	<b>-10.08</b>	-108.46	0.06	79.90	-4.80	CO 9
		1.800	Max V <sub>z</sub>	-61.03	-0.08	<b>26.08</b>	0.02	-58.44	-0.54	CO 10
	484	0.000	Min V <sub>z</sub>	-142.94	-9.63	<b>-193.04</b>	0.07	130.90	-4.60	CO 13
	484	0.000	Max M <sub>T</sub>	-142.94	-9.63	-193.04	<b>0.07</b>	130.90	-4.60	CO 13
		0.370	Min M <sub>T</sub>	-90.57	-0.61	20.04	<b>-0.22</b>	-45.08	-0.32	CO 8
	484	0.000	Max M <sub>y</sub>	-142.94	-9.63	-193.04	0.07	<b>130.90</b>	-4.60	CO 13
		1.800	Min M <sub>y</sub>	-87.42	-0.06	25.42	0.02	<b>-58.67</b>	-0.45	CO 12
	484	0.000	Max M <sub>z</sub>	-152.13	0.66	-144.63	0.01	82.12	<b>0.30</b>	CO 17
	484	0.000	Min M <sub>z</sub>	-122.12	-10.08	-108.46	0.06	79.90	<b>-4.80</b>	CO 9
634	488	0.000	max N	<b>-117.41</b>	-12.27	102.84	-0.07	-72.92	-5.83	CO 9
			min N	<b>-150.40</b>	0.79	143.84	-0.01	-81.02	0.35	CO 17
			max V <sub>y</sub>	-138.60	<b>4.29</b>	200.39	-0.11	-148.30	1.83	CO 12
			min V <sub>y</sub>	-117.41	<b>-12.27</b>	102.84	-0.07	-72.92	-5.83	CO 9
			max V <sub>z</sub>	-138.60	4.29	<b>200.39</b>	-0.11	-148.30	1.83	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-121.57	0.11	<b>59.35</b>	0.00	-30.38	0.05	CO 1
			max M <sub>T</sub>	-121.57	0.11	59.35	<b>0.00</b>	-30.38	0.05	CO 1
			min M <sub>T</sub>	-138.60	4.29	200.39	<b>-0.11</b>	-148.30	1.83	CO 12
			max M <sub>y</sub>	-121.57	0.11	59.35	0.00	<b>-30.38</b>	0.05	CO 1
			min M <sub>y</sub>	-138.60	4.29	200.39	-0.11	<b>-148.30</b>	1.83	CO 12
			max M <sub>z</sub>	-138.60	4.29	200.39	-0.11	-148.30	<b>1.83</b>	CO 12
			min M <sub>z</sub>	-117.41	-12.27	102.84	-0.07	-72.92	<b>-5.83</b>	CO 9
		1.800	max N	<b>-38.81</b>	8.37	11.95	-0.02	-1.21	-4.51	CO 9
			min N	<b>-82.29</b>	-0.51	6.60	0.00	16.34	0.28	CO 17
			max V <sub>y</sub>	-38.81	<b>8.37</b>	11.95	-0.02	-1.21	-4.51	CO 9
			min V <sub>y</sub>	-71.89	<b>-2.65</b>	3.14	0.06	-21.01	1.42	CO 12
			max V <sub>z</sub>	-70.71	8.05	<b>16.26</b>	-0.02	9.26	-4.34	CO 13
			min V <sub>z</sub>	-39.97	-2.27	<b>-1.04</b>	0.05	-31.13	1.22	CO 8
			max M <sub>T</sub>	-71.89	-2.65	3.14	<b>0.06</b>	-21.01	1.42	CO 12
			min M <sub>T</sub>	-51.04	8.22	15.62	<b>-0.02</b>	9.00	-4.43	CO 11
			max M <sub>y</sub>	-82.29	-0.51	6.60	0.00	<b>16.34</b>	0.28	CO 17
			min M <sub>y</sub>	-39.97	-2.27	-1.04	0.05	<b>-31.13</b>	1.22	CO 8
			max M <sub>z</sub>	-71.89	-2.65	3.14	0.06	-21.01	<b>1.42</b>	CO 12
			min M <sub>z</sub>	-38.81	8.37	11.95	-0.02	-1.21	<b>-4.51</b>	CO 9
			max N	<b>-52.48</b>	-0.77	16.62	-0.01	-1.37	-4.85	CO 9
			min N	<b>-110.75</b>	0.05	-0.96	0.00	17.12	0.30	CO 17
			max V <sub>y</sub>	-96.76	<b>0.24</b>	14.98	0.02	-22.58	1.53	CO 12
			min V <sub>y</sub>	-52.48	<b>-0.77</b>	16.62	-0.01	-1.37	-4.85	CO 9
			max V <sub>z</sub>	-78.93	-0.75	<b>17.32</b>	-0.01	-1.08	-4.75	CO 15
			min V <sub>z</sub>	-72.97	0.02	<b>-1.95</b>	0.00	16.71	0.14	CO 2
			max M <sub>T</sub>	-96.76	0.24	14.98	<b>0.02</b>	-22.58	1.53	CO 12
			min M <sub>T</sub>	-68.75	-0.75	15.37	<b>-0.01</b>	9.31	-4.77	CO 11
			max M <sub>y</sub>	-110.75	0.05	-0.96	0.00	<b>17.12</b>	0.30	CO 17
			min M <sub>y</sub>	-54.03	0.20	15.50	0.02	<b>-33.17</b>	1.31	CO 8
			max M <sub>z</sub>	-96.76	0.24	14.98	0.02	-22.58	<b>1.53</b>	CO 12
			min M <sub>z</sub>	-52.48	-0.77	16.62	-0.01	-1.37	<b>-4.85</b>	CO 9
	581	7.900	max N	<b>-9.66</b>	-0.77	-14.82	-0.01	4.05	-0.14	CO 9
			min N	<b>-67.93</b>	0.05	-1.05	0.00	10.92	0.01	CO 17
			max V <sub>y</sub>	-53.97	<b>0.24</b>	-4.68	0.02	8.91	0.08	CO 12
			min V <sub>y</sub>	-9.66	<b>-0.77</b>	-14.82	-0.01	4.05	-0.14	CO 9
			max V <sub>z</sub>	-51.65	0.03	<b>0.25</b>	0.00	8.04	0.01	CO 16
			min V <sub>z</sub>	-25.93	-0.76	<b>-16.12</b>	-0.01	6.93	-0.14	CO 11
			max M <sub>T</sub>	-53.97	0.24	-4.68	<b>0.02</b>	8.91	0.08	CO 12
			min M <sub>T</sub>	-52.37	-0.74	-15.47	<b>-0.01</b>	11.35	-0.13	CO 13
			max M <sub>y</sub>	-65.39	-0.42	-9.54	-0.01	<b>12.32</b>	-0.07	CO 19
			min M <sub>y</sub>	-11.23	0.20	-4.13	0.02	<b>1.56</b>	0.07	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-53.97	0.24	-4.68	0.02	8.91	<b>0.08</b>	CO 12
			min M <sub>z</sub>	-9.66	-0.77	-14.82	-0.01	4.05	<b>-0.14</b>	CO 9
	581	7.900	Max N	<b>-9.66</b>	-0.77	-14.82	-0.01	4.05	-0.14	CO 9
		0.123	Min N	<b>-158.15</b>	0.64	131.45	-0.02	-65.92	0.28	CO 17
		1.800	Max V <sub>y</sub>	-38.81	<b>8.37</b>	11.95	-0.02	-1.21	-4.51	CO 9
	488	0.000	Min V <sub>y</sub>	-117.41	<b>-12.27</b>	102.84	-0.07	-72.92	-5.83	CO 9
	488	0.000	Max V <sub>z</sub>	-138.60	4.29	<b>200.39</b>	-0.11	-148.30	1.83	CO 12
	581	7.900	Min V <sub>z</sub>	-25.93	-0.76	<b>-16.12</b>	-0.01	6.93	-0.14	CO 11
		0.741	Max M <sub>T</sub>	-63.14	-1.38	31.73	<b>0.08</b>	-22.63	-1.70	CO 9
		0.370	Min M <sub>T</sub>	-125.55	1.65	117.82	<b>-0.27</b>	-85.22	0.85	CO 12
		4.938	Max M <sub>y</sub>	-73.18	-0.74	-0.17	-0.01	<b>34.55</b>	-2.34	CO 13
	488	0.000	Min M <sub>y</sub>	-138.60	4.29	200.39	-0.11	<b>-148.30</b>	1.83	CO 12
	488	0.000	Max M <sub>z</sub>	-138.60	4.29	200.39	-0.11	-148.30	<b>1.83</b>	CO 12
	488	0.000	Min M <sub>z</sub>	-117.41	-12.27	102.84	-0.07	-72.92	<b>-5.83</b>	CO 9
674	515	0.000	max N	<b>-38.61</b>	-1.14	-0.14	0.00	0.41	-8.36	CO 9
			min N	<b>-169.39</b>	0.20	-0.13	0.00	0.89	1.53	CO 17
			max V <sub>y</sub>	-140.56	<b>1.41</b>	4.17	-0.03	-29.68	10.32	CO 12
			min V <sub>y</sub>	-38.61	<b>-1.14</b>	-0.14	0.00	0.41	-8.36	CO 9
			max V <sub>z</sub>	-56.49	1.29	<b>4.26</b>	-0.03	-29.95	9.24	CO 8
			min V <sub>z</sub>	-122.68	-0.98	<b>-0.17</b>	0.00	0.89	-7.33	CO 13
			max M <sub>T</sub>	-169.39	0.20	-0.13	<b>0.00</b>	0.89	1.53	CO 17
			min M <sub>T</sub>	-56.49	1.29	4.26	<b>-0.03</b>	-29.95	9.24	CO 8
			max M <sub>y</sub>	-154.62	-0.48	-0.16	0.00	<b>0.97</b>	-3.64	CO 19
			min M <sub>y</sub>	-56.49	1.29	4.26	-0.03	<b>-29.95</b>	9.24	CO 8
			max M <sub>z</sub>	-140.56	1.41	4.17	-0.03	-29.68	<b>10.32</b>	CO 12
			min M <sub>z</sub>	-38.61	-1.14	-0.14	0.00	0.41	<b>-8.36</b>	CO 9
	588	7.259	max N	<b>0.59</b>	-1.14	-0.14	0.00	-0.57	-0.05	CO 9
			min N	<b>-130.19</b>	0.21	-0.14	0.00	-0.11	0.00	CO 17
			max V <sub>y</sub>	-101.35	<b>1.46</b>	4.31	-0.03	1.42	-0.16	CO 12
			min V <sub>y</sub>	0.59	<b>-1.14</b>	-0.14	0.00	-0.57	-0.05	CO 9
			max V <sub>z</sub>	-101.35	1.46	<b>4.31</b>	-0.03	1.42	-0.16	CO 12
			min V <sub>z</sub>	-83.48	-1.01	<b>-0.17</b>	0.00	-0.38	-0.06	CO 13
			max M <sub>T</sub>	-130.19	0.21	-0.14	<b>0.00</b>	-0.11	0.00	CO 17
			min M <sub>T</sub>	-17.28	1.29	4.28	<b>-0.03</b>	1.18	-0.17	CO 8
			max M <sub>y</sub>	-68.81	1.38	4.31	-0.03	<b>1.43</b>	-0.16	CO 14
			min M <sub>y</sub>	-31.95	-1.08	-0.16	0.00	<b>-0.60</b>	-0.06	CO 11
			max M <sub>z</sub>	-97.64	0.15	-0.11	0.00	-0.08	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-17.28	1.29	4.28	-0.03	1.18	<b>-0.17</b>	CO 8
	588	7.259	Max N	<b>0.59</b>	-1.14	-0.14	0.00	-0.57	-0.05	CO 9
	515	0.000	Min N	<b>-169.39</b>	0.20	-0.13	0.00	0.89	1.53	CO 17
		6.008	Max V <sub>y</sub>	-108.11	<b>1.46</b>	4.32	-0.03	-3.99	1.66	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		3.004	Min V <sub>y</sub>	-22.39	<b>-1.15</b>	-0.14	0.00	0.01	-4.92	CO 9
		5.757	Max V <sub>z</sub>	-109.46	1.46	<b>4.32</b>	-0.03	-5.07	2.03	CO 12
		4.506	Min V <sub>z</sub>	-98.35	-1.01	<b>-0.18</b>	0.00	0.10	-2.84	CO 13
	515	0.000	Max M <sub>T</sub>	-169.39	0.20	-0.13	<b>0.00</b>	0.89	1.53	CO 17
	515	0.000	Min M <sub>T</sub>	-56.49	1.29	4.26	<b>-0.03</b>	-29.95	9.24	CO 8
	588	7.259	Max M <sub>y</sub>	-68.81	1.38	4.31	-0.03	<b>1.43</b>	-0.16	CO 14
	515	0.000	Min M <sub>y</sub>	-56.49	1.29	4.26	-0.03	<b>-29.95</b>	9.24	CO 8
	515	0.000	Max M <sub>z</sub>	-140.56	1.41	4.17	-0.03	-29.68	<b>10.32</b>	CO 12
	515	0.000	Min M <sub>z</sub>	-38.61	-1.14	-0.14	0.00	0.41	<b>-8.36</b>	CO 9
675	516	0.000	max N	<b>-114.84</b>	-12.64	101.88	-0.23	-72.21	-6.22	CO 9
			min N	<b>-159.49</b>	0.96	142.72	-0.03	-79.76	0.40	CO 17
			max V <sub>y</sub>	-146.72	<b>5.24</b>	187.79	-0.19	-131.55	2.12	CO 12
			min V <sub>y</sub>	-114.84	<b>-12.64</b>	101.88	-0.23	-72.21	-6.22	CO 9
			max V <sub>z</sub>	-146.72	5.24	<b>187.79</b>	-0.19	-131.55	2.12	CO 12
			min V <sub>z</sub>	-124.78	0.27	<b>58.78</b>	-0.04	-29.77	0.07	CO 1
			max M <sub>T</sub>	-154.77	0.63	60.48	<b>-0.03</b>	-31.30	0.26	CO 16
			min M <sub>T</sub>	-119.56	-12.32	184.09	<b>-0.24</b>	-120.64	-6.08	CO 11
			max M <sub>y</sub>	-124.78	0.27	58.78	-0.04	<b>-29.77</b>	0.07	CO 1
			min M <sub>y</sub>	-146.72	5.24	187.79	-0.19	<b>-131.55</b>	2.12	CO 12
			max M <sub>z</sub>	-146.72	5.24	187.79	-0.19	-131.55	<b>2.12</b>	CO 12
			min M <sub>z</sub>	-114.84	-12.64	101.88	-0.23	-72.21	<b>-6.22</b>	CO 9
		1.800	max N	<b>-35.71</b>	8.95	11.65	0.01	-1.76	-4.82	CO 9
			min N	<b>-91.85</b>	-0.58	6.62	0.04	15.90	0.31	CO 17
			max V <sub>y</sub>	-35.71	<b>8.95</b>	11.65	0.01	-1.76	-4.82	CO 9
			min V <sub>y</sub>	-80.03	<b>-3.08</b>	6.16	0.14	-10.08	1.65	CO 12
			max V <sub>z</sub>	-72.77	8.59	<b>15.98</b>	0.02	8.49	-4.63	CO 13
			min V <sub>z</sub>	-42.96	-2.66	<b>1.92</b>	0.12	-20.12	1.43	CO 8
			max M <sub>T</sub>	-80.03	-3.08	6.16	<b>0.14</b>	-10.08	1.65	CO 12
			min M <sub>T</sub>	-35.71	8.95	11.65	<b>0.01</b>	-1.76	-4.82	CO 9
			max M <sub>y</sub>	-91.85	-0.58	6.62	0.04	<b>15.90</b>	0.31	CO 17
			min M <sub>y</sub>	-42.96	-2.66	1.92	0.12	<b>-20.12</b>	1.43	CO 8
			max M <sub>z</sub>	-80.03	-3.08	6.16	0.14	-10.08	<b>1.65</b>	CO 12
			min M <sub>z</sub>	-35.71	8.95	11.65	0.01	-1.76	<b>-4.82</b>	CO 9
			max N	<b>-48.31</b>	-0.82	16.59	-0.03	-1.95	-5.19	CO 9
			min N	<b>-123.60</b>	0.05	-0.56	0.00	16.66	0.34	CO 17
			max V <sub>y</sub>	-107.71	<b>0.27</b>	13.20	0.05	-10.95	1.78	CO 12
			min V <sub>y</sub>	-48.31	<b>-0.82</b>	16.59	-0.03	-1.95	-5.19	CO 9
			max V <sub>z</sub>	-78.08	-0.80	<b>17.37</b>	-0.02	-1.67	-5.09	CO 15
			min V <sub>z</sub>	-81.08	0.03	<b>-1.68</b>	0.00	16.27	0.18	CO 2
			max M <sub>T</sub>	-107.71	0.27	13.20	<b>0.05</b>	-10.95	1.78	CO 12
			min M <sub>T</sub>	-68.19	-0.80	15.46	<b>-0.03</b>	8.51	-5.08	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-123.60	0.05	-0.56	0.00	<b>16.66</b>	0.34	CO 17
			min M <sub>y</sub>	-58.05	0.23	13.53	0.05	<b>-21.45</b>	1.54	CO 8
			max M <sub>z</sub>	-107.71	0.27	13.20	0.05	-10.95	<b>1.78</b>	CO 12
			min M <sub>z</sub>	-48.31	-0.82	16.59	-0.03	-1.95	<b>-5.19</b>	CO 9
	589	7.900	max N	<b>-5.48</b>	-0.82	-14.85	-0.02	3.32	-0.19	CO 9
			min N	<b>-80.78</b>	0.05	-0.68	0.00	12.82	0.01	CO 17
			max V <sub>y</sub>	-64.90	<b>0.27</b>	-6.48	0.05	9.61	0.11	CO 12
			min V <sub>y</sub>	-5.48	<b>-0.82</b>	-14.85	-0.02	3.32	-0.19	CO 9
			max V <sub>z</sub>	-60.90	0.03	<b>0.50</b>	0.00	9.41	0.01	CO 16
			min V <sub>z</sub>	-25.36	-0.80	<b>-16.02</b>	-0.02	6.72	-0.19	CO 11
			max M <sub>T</sub>	-64.90	0.27	-6.48	<b>0.05</b>	9.61	0.11	CO 12
			min M <sub>T</sub>	-55.13	-0.78	-15.30	<b>-0.02</b>	11.64	-0.19	CO 13
			max M <sub>y</sub>	-73.04	-0.45	-9.26	-0.01	<b>13.37</b>	-0.11	CO 19
			min M <sub>y</sub>	-15.24	0.23	-6.09	0.05	<b>1.27</b>	0.10	CO 8
			max M <sub>z</sub>	-64.90	0.27	-6.48	0.05	9.61	<b>0.11</b>	CO 12
			min M <sub>z</sub>	-25.36	-0.80	-16.02	-0.02	6.72	<b>-0.19</b>	CO 11
	589	7.900	Max N	<b>-5.48</b>	-0.82	-14.85	-0.02	3.32	-0.19	CO 9
		0.123	Min N	<b>-167.33</b>	0.76	130.18	-0.15	-64.81	0.31	CO 17
		1.800	Max V <sub>y</sub>	-35.71	<b>8.95</b>	11.65	0.01	-1.76	-4.82	CO 9
	516	0.000	Min V <sub>y</sub>	-114.84	<b>-12.64</b>	101.88	-0.23	-72.21	-6.22	CO 9
	516	0.000	Max V <sub>z</sub>	-146.72	5.24	<b>187.79</b>	-0.19	-131.55	2.12	CO 12
	589	7.900	Min V <sub>z</sub>	-25.36	-0.80	<b>-16.02</b>	-0.02	6.72	-0.19	CO 11
		1.800	Max M <sub>T</sub>	-80.03	-3.08	6.16	<b>0.14</b>	-10.08	1.65	CO 12
		0.370	Min M <sub>T</sub>	-113.69	1.74	107.97	<b>-0.75</b>	-72.51	0.90	CO 10
		4.938	Max M <sub>y</sub>	-75.94	-0.79	0.01	-0.03	<b>34.31</b>	-2.52	CO 13
	516	0.000	Min M <sub>y</sub>	-146.72	5.24	187.79	-0.19	<b>-131.55</b>	2.12	CO 12
	516	0.000	Max M <sub>z</sub>	-146.72	5.24	187.79	-0.19	-131.55	<b>2.12</b>	CO 12
	516	0.000	Min M <sub>z</sub>	-114.84	-12.64	101.88	-0.23	-72.21	<b>-6.22</b>	CO 9
689	514	0.000	max N	<b>-46.41</b>	-0.90	4.16	-0.04	-29.36	-6.54	CO 8
			min N	<b>-166.34</b>	0.18	0.02	0.00	-0.74	1.37	CO 17
			max V <sub>y</sub>	-166.34	<b>0.18</b>	0.02	0.00	-0.74	1.37	CO 17
			min V <sub>y</sub>	-50.70	<b>-1.03</b>	0.33	0.01	-0.22	-7.76	CO 9
			max V <sub>z</sub>	-46.41	-0.90	<b>4.16</b>	-0.04	-29.36	-6.54	CO 8
			min V <sub>z</sub>	-134.88	0.13	<b>0.01</b>	0.00	-0.47	1.00	CO 16
			max M <sub>T</sub>	-50.70	-1.03	0.33	<b>0.01</b>	-0.22	-7.76	CO 9
			min M <sub>T</sub>	-128.34	-0.77	4.09	<b>-0.04</b>	-29.96	-5.66	CO 12
			max M <sub>y</sub>	-50.70	-1.03	0.33	0.01	<b>-0.22</b>	-7.76	CO 9
			min M <sub>y</sub>	-128.34	-0.77	4.09	-0.04	<b>-29.96</b>	-5.66	CO 12
			max M <sub>z</sub>	-166.34	0.18	0.02	0.00	-0.74	<b>1.37</b>	CO 17
			min M <sub>z</sub>	-50.70	-1.03	0.33	0.01	-0.22	<b>-7.76</b>	CO 9
	590	7.419	max N	<b>-6.34</b>	-0.90	4.17	-0.04	1.64	0.17	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-126.28</b>	0.19	0.03	0.00	-0.54	0.00	CO 17
			max V <sub>y</sub>	-126.28	<b>0.19</b>	0.03	0.00	-0.54	0.00	CO 17
			min V <sub>y</sub>	-10.64	<b>-1.04</b>	0.33	0.01	2.19	-0.05	CO 9
			max V <sub>z</sub>	-88.28	-0.79	<b>4.22</b>	-0.04	1.14	0.16	CO 12
			min V <sub>z</sub>	-94.82	0.14	<b>0.01</b>	0.00	-0.40	0.00	CO 16
			max M <sub>T</sub>	-10.64	-1.04	0.33	<b>0.01</b>	2.19	-0.05	CO 9
			min M <sub>T</sub>	-88.28	-0.79	4.22	<b>-0.04</b>	1.14	0.16	CO 12
			max M <sub>y</sub>	-10.64	-1.04	0.33	0.01	<b>2.19</b>	-0.05	CO 9
			min M <sub>y</sub>	-126.28	0.19	0.03	0.00	<b>-0.54</b>	0.00	CO 17
			max M <sub>z</sub>	-6.34	-0.90	4.17	-0.04	1.64	<b>0.17</b>	CO 8
			min M <sub>z</sub>	-92.57	-0.92	0.30	0.00	1.65	<b>-0.06</b>	CO 13
	590	7.419	Max N	<b>-6.34</b>	-0.90	4.17	-0.04	1.64	0.17	CO 8
	514	0.000	Min N	<b>-166.34</b>	0.18	0.02	0.00	-0.74	1.37	CO 17
		6.429	Max V <sub>y</sub>	-131.63	<b>0.19</b>	0.03	0.00	-0.57	0.19	CO 17
		3.709	Min V <sub>y</sub>	-30.67	<b>-1.04</b>	0.33	0.01	0.99	-3.91	CO 9
		5.688	Max V <sub>z</sub>	-97.62	-0.79	<b>4.22</b>	-0.04	-6.17	-1.21	CO 12
	514	0.000	Min V <sub>z</sub>	-134.88	0.13	<b>0.01</b>	0.00	-0.47	1.00	CO 16
	514	0.000	Max M <sub>T</sub>	-50.70	-1.03	0.33	<b>0.01</b>	-0.22	-7.76	CO 9
	590	7.419	Min M <sub>T</sub>	-88.28	-0.79	4.22	<b>-0.04</b>	1.14	0.16	CO 12
	590	7.419	Max M <sub>y</sub>	-10.64	-1.04	0.33	0.01	<b>2.19</b>	-0.05	CO 9
	514	0.000	Min M <sub>y</sub>	-128.34	-0.77	4.09	-0.04	<b>-29.96</b>	-5.66	CO 12
	514	0.000	Max M <sub>z</sub>	-166.34	0.18	0.02	0.00	-0.74	<b>1.37</b>	CO 17
	514	0.000	Min M <sub>z</sub>	-50.70	-1.03	0.33	0.01	-0.22	<b>-7.76</b>	CO 9
692	512	0.000	max N	<b>-115.05</b>	-2.30	6.56	-0.39	-42.35	-0.47	CO 8
			min N	<b>-152.17</b>	0.82	-142.90	0.03	80.25	0.33	CO 17
			max V <sub>y</sub>	-152.17	<b>0.82</b>	-142.90	0.03	80.25	0.33	CO 17
			min V <sub>y</sub>	-122.55	<b>-10.03</b>	-107.25	0.27	78.82	-5.07	CO 9
			max V <sub>z</sub>	-115.05	-2.30	<b>6.56</b>	-0.39	-42.35	-0.47	CO 8
			min V <sub>z</sub>	-143.36	-9.55	<b>-190.89</b>	0.27	128.78	-4.85	CO 13
			max M <sub>T</sub>	-124.74	-9.78	-189.72	<b>0.27</b>	127.64	-4.96	CO 11
			min M <sub>T</sub>	-133.68	-2.09	5.52	<b>-0.40</b>	-41.42	-0.36	CO 14
			max M <sub>y</sub>	-143.36	-9.55	-190.89	0.27	<b>128.78</b>	-4.85	CO 13
			min M <sub>y</sub>	-115.05	-2.30	6.56	-0.39	<b>-42.35</b>	-0.47	CO 8
			max M <sub>z</sub>	-152.17	0.82	-142.90	0.03	80.25	<b>0.33</b>	CO 17
			min M <sub>z</sub>	-122.55	-10.03	-107.25	0.27	78.82	<b>-5.07</b>	CO 9
		1.800	max N	<b>-33.27</b>	0.71	2.21	0.09	-34.98	-0.38	CO 8
			min N	<b>-84.23</b>	4.07	-12.14	-0.04	-8.64	-2.17	CO 19
			max V <sub>y</sub>	-43.98	<b>7.49</b>	-11.54	-0.01	5.38	-3.99	CO 9
			min V <sub>y</sub>	-84.12	<b>-0.49</b>	-6.39	-0.04	-15.10	0.26	CO 17
			max V <sub>z</sub>	-33.27	0.71	<b>2.21</b>	0.09	-34.98	-0.38	CO 8
			min V <sub>z</sub>	-75.88	7.18	<b>-15.74</b>	-0.03	-4.31	-3.83	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-33.27	0.71	2.21	<b>0.09</b>	-34.98	-0.38	CO 8
			min M <sub>T</sub>	-84.12	-0.49	-6.39	<b>-0.04</b>	-15.10	0.26	CO 17
			max M <sub>y</sub>	-43.98	7.49	-11.54	-0.01	<b>5.38</b>	-3.99	CO 9
			min M <sub>y</sub>	-65.18	0.39	-2.04	0.07	<b>-44.93</b>	-0.21	CO 12
			max M <sub>z</sub>	-84.12	-0.49	-6.39	-0.04	-15.10	<b>0.26</b>	CO 17
			min M <sub>z</sub>	-43.98	7.49	-11.54	-0.01	5.38	<b>-3.99</b>	CO 9
			max N	<b>-45.05</b>	-0.05	23.16	0.04	-37.09	-0.40	CO 8
			min N	<b>-113.44</b>	-0.34	-10.80	0.01	-8.94	-2.33	CO 19
			max V <sub>y</sub>	-113.30	<b>0.04</b>	0.71	-0.01	-15.80	0.28	CO 17
			min V <sub>y</sub>	-59.47	<b>-0.63</b>	-18.56	0.02	5.80	-4.29	CO 9
			max V <sub>z</sub>	-61.39	-0.04	<b>24.27</b>	0.04	-47.28	-0.32	CO 10
			min V <sub>z</sub>	-85.88	-0.61	<b>-19.24</b>	0.02	5.75	-4.20	CO 15
			max M <sub>T</sub>	-45.05	-0.05	23.16	<b>0.04</b>	-37.09	-0.40	CO 8
			min M <sub>T</sub>	-113.30	0.04	0.71	<b>-0.01</b>	-15.80	0.28	CO 17
			max M <sub>y</sub>	-59.47	-0.63	-18.56	0.02	<b>5.80</b>	-4.29	CO 9
			min M <sub>y</sub>	-87.80	-0.03	23.61	0.04	<b>-47.49</b>	-0.22	CO 12
			max M <sub>z</sub>	-113.30	0.04	0.71	-0.01	-15.80	<b>0.28</b>	CO 17
			min M <sub>z</sub>	-59.47	-0.63	-18.56	0.02	5.80	<b>-4.29</b>	CO 9
	591	8.378	max N	<b>1.10</b>	-0.05	-10.74	0.04	3.80	-0.05	CO 8
			min N	<b>-67.26</b>	-0.35	9.68	0.01	-12.55	-0.07	CO 19
			max V <sub>y</sub>	-67.12	<b>0.04</b>	0.81	-0.01	-10.72	0.02	CO 17
			min V <sub>y</sub>	-13.29	<b>-0.63</b>	15.35	0.02	-4.70	-0.13	CO 9
			max V <sub>z</sub>	-29.62	-0.62	<b>16.49</b>	0.02	-7.48	-0.13	CO 11
			min V <sub>z</sub>	-25.31	-0.04	<b>-11.38</b>	0.04	-0.58	-0.05	CO 14
			max M <sub>T</sub>	1.10	-0.05	-10.74	<b>0.04</b>	3.80	-0.05	CO 8
			min M <sub>T</sub>	-67.12	0.04	0.81	<b>-0.01</b>	-10.72	0.02	CO 17
			max M <sub>y</sub>	1.10	-0.05	-10.74	0.04	<b>3.80</b>	-0.05	CO 8
			min M <sub>y</sub>	-67.26	-0.35	9.68	0.01	<b>-12.55</b>	-0.07	CO 19
			max M <sub>z</sub>	-67.12	0.04	0.81	-0.01	-10.72	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-13.29	-0.63	15.35	0.02	-4.70	<b>-0.13</b>	CO 9
	591	8.378	Max N	<b>1.10</b>	-0.05	-10.74	0.04	3.80	-0.05	CO 8
		0.123	Min N	<b>-160.00</b>	-4.70	-157.64	0.30	91.23	-2.26	CO 19
		1.800	Max V <sub>y</sub>	-43.98	<b>7.49</b>	-11.54	-0.01	5.38	-3.99	CO 9
	512	0.000	Min V <sub>y</sub>	-122.55	<b>-10.03</b>	-107.25	0.27	78.82	-5.07	CO 9
		1.800	Max V <sub>z</sub>	-61.39	-0.04	<b>24.27</b>	0.04	-47.28	-0.32	CO 10
	512	0.000	Min V <sub>z</sub>	-143.36	-9.55	<b>-190.89</b>	0.27	128.78	-4.85	CO 13
		0.246	Max M <sub>T</sub>	-127.29	-6.85	-144.04	<b>0.48</b>	85.91	-3.17	CO 11
		0.246	Min M <sub>T</sub>	-123.37	-0.32	10.83	<b>-0.51</b>	-37.44	-0.11	CO 14
	512	0.000	Max M <sub>y</sub>	-143.36	-9.55	-190.89	0.27	<b>128.78</b>	-4.85	CO 13
		1.800	Min M <sub>y</sub>	-87.80	-0.03	23.61	0.04	<b>-47.49</b>	-0.22	CO 12
	512	0.000	Max M <sub>z</sub>	-152.17	0.82	-142.90	0.03	80.25	<b>0.33</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	512	0.000	Min M <sub>z</sub>	-122.55	-10.03	-107.25	0.27	78.82	<b>-5.07</b>	CO 9
713	543	0.000	max N	<b>-113.46</b>	15.67	-1.62	-0.32	0.37	-13.71	CO 9
			min N	<b>-211.97</b>	182.09	147.26	0.34	-64.29	124.01	CO 12
			max V <sub>y</sub>	-211.97	<b>182.09</b>	147.26	0.34	-64.29	124.01	CO 12
			min V <sub>y</sub>	-113.46	<b>15.67</b>	-1.62	-0.32	0.37	-13.71	CO 9
			max V <sub>z</sub>	-211.97	182.09	<b>147.26</b>	0.34	-64.29	124.01	CO 12
			min V <sub>z</sub>	-113.46	15.67	<b>-1.62</b>	-0.32	0.37	-13.71	CO 9
			max M <sub>T</sub>	-192.27	181.60	145.35	<b>0.34</b>	-63.45	123.36	CO 10
			min M <sub>T</sub>	-132.87	16.10	-0.33	<b>-0.32</b>	-0.20	-13.16	CO 15
			max M <sub>y</sub>	-113.46	15.67	-1.62	-0.32	<b>0.37</b>	-13.71	CO 9
			min M <sub>y</sub>	-211.97	182.09	147.26	0.34	<b>-64.29</b>	124.01	CO 12
			max M <sub>z</sub>	-211.97	182.09	147.26	0.34	-64.29	<b>124.01</b>	CO 12
			min M <sub>z</sub>	-113.46	15.67	-1.62	-0.32	0.37	<b>-13.71</b>	CO 9
		1.800	max N	<b>-34.24</b>	-7.92	-0.11	-0.03	0.01	-16.87	CO 9
			min N	<b>-149.49</b>	11.89	32.49	0.02	4.89	1.03	CO 12
			max V <sub>y</sub>	-128.54	<b>11.96</b>	32.14	0.02	4.87	0.50	CO 10
			min V <sub>y</sub>	-54.89	<b>-8.00</b>	0.10	-0.04	0.01	-16.42	CO 15
			max V <sub>z</sub>	-149.49	11.89	<b>32.49</b>	0.02	4.89	1.03	CO 12
			min V <sub>z</sub>	-34.24	-7.92	<b>-0.11</b>	-0.03	0.01	-16.87	CO 9
			max M <sub>T</sub>	-128.54	11.96	32.14	<b>0.02</b>	4.87	0.50	CO 10
			min M <sub>T</sub>	-54.89	-8.00	0.10	<b>-0.04</b>	0.01	-16.42	CO 15
			max M <sub>y</sub>	-149.49	11.89	32.49	0.02	<b>4.89</b>	1.03	CO 12
			min M <sub>y</sub>	-34.24	-7.92	-0.11	-0.03	<b>0.01</b>	-16.87	CO 9
			max M <sub>z</sub>	-135.77	10.76	32.12	0.01	4.84	<b>10.07</b>	CO 14
			min M <sub>z</sub>	-47.77	-6.81	0.17	-0.02	0.05	<b>-25.96</b>	CO 11
			max N	<b>-45.32</b>	-16.04	-0.21	-0.05	0.01	-17.88	CO 9
			min N	<b>-196.72</b>	16.22	40.55	0.10	4.86	1.27	CO 12
			max V <sub>y</sub>	-178.89	<b>17.65</b>	40.08	0.05	4.81	10.77	CO 14
			min V <sub>y</sub>	-62.90	<b>-17.52</b>	0.15	0.00	0.05	-27.44	CO 11
			max V <sub>z</sub>	-196.72	16.22	<b>40.55</b>	0.10	4.86	1.27	CO 12
			min V <sub>z</sub>	-45.32	-16.04	<b>-0.21</b>	-0.05	0.01	-17.88	CO 9
			max M <sub>T</sub>	-169.16	16.11	40.04	<b>0.10</b>	4.84	0.71	CO 10
			min M <sub>T</sub>	-72.48	-15.96	0.13	<b>-0.05</b>	0.01	-17.41	CO 15
			max M <sub>y</sub>	-196.72	16.22	40.55	0.10	<b>4.86</b>	1.27	CO 12
			min M <sub>y</sub>	-45.32	-16.04	-0.21	-0.05	<b>0.01</b>	-17.88	CO 9
			max M <sub>z</sub>	-178.89	17.65	40.08	0.05	4.81	<b>10.77</b>	CO 14
			min M <sub>z</sub>	-62.90	-17.52	0.15	0.00	0.05	<b>-27.44</b>	CO 11
		2.000	max N	<b>-43.91</b>	-15.17	-0.21	-0.05	-0.03	-14.76	CO 9
			min N	<b>-195.31</b>	15.23	40.54	0.10	12.97	-1.87	CO 12
			max V <sub>y</sub>	-177.48	<b>16.66</b>	40.08	0.06	12.83	7.34	CO 14
			min V <sub>y</sub>	-61.50	<b>-16.65</b>	0.15	0.00	0.08	-24.02	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-195.31	15.23	<b>40.54</b>	0.10	12.97	-1.87	CO 12
			min V <sub>z</sub>	-43.91	-15.17	<b>-0.21</b>	-0.05	-0.03	-14.76	CO 9
			max M <sub>T</sub>	-167.76	15.12	40.03	<b>0.10</b>	12.85	-2.42	CO 10
			min M <sub>T</sub>	-71.07	-15.10	0.13	<b>-0.05</b>	0.04	-14.30	CO 15
			max M <sub>y</sub>	-195.31	15.23	40.54	0.10	<b>12.97</b>	-1.87	CO 12
			min M <sub>y</sub>	-43.91	-15.17	-0.21	-0.05	<b>-0.03</b>	-14.76	CO 9
			max M <sub>z</sub>	-177.48	16.66	40.08	0.06	12.83	<b>7.34</b>	CO 14
			min M <sub>z</sub>	-61.50	-16.65	0.15	0.00	0.08	<b>-24.02</b>	CO 11
			max N	<b>-43.73</b>	-15.16	0.03	-0.04	-0.03	-14.78	CO 9
			min N	<b>-147.05</b>	15.12	-5.17	0.02	12.97	-1.80	CO 12
			max V <sub>y</sub>	-129.75	<b>16.56</b>	-5.13	0.01	12.83	7.39	CO 14
			min V <sub>y</sub>	-60.91	<b>-16.64</b>	0.01	-0.02	0.08	-24.01	CO 11
			max V <sub>z</sub>	-70.55	-15.09	<b>0.05</b>	-0.04	0.04	-14.32	CO 15
			min V <sub>z</sub>	-147.05	15.12	<b>-5.17</b>	0.02	12.97	-1.80	CO 12
			max M <sub>T</sub>	-78.40	-2.29	-0.17	<b>0.02</b>	0.70	-14.31	CO 2
			min M <sub>T</sub>	-43.73	-15.16	0.03	<b>-0.04</b>	-0.03	-14.78	CO 9
			max M <sub>y</sub>	-147.05	15.12	-5.17	0.02	<b>12.97</b>	-1.80	CO 12
			min M <sub>y</sub>	-43.73	-15.16	0.03	-0.04	<b>-0.03</b>	-14.78	CO 9
			max M <sub>z</sub>	-129.75	16.56	-5.13	0.01	12.83	<b>7.39</b>	CO 14
			min M <sub>z</sub>	-60.91	-16.64	0.01	-0.02	0.08	<b>-24.01</b>	CO 11
		7.824	max N	<b>-2.85</b>	10.14	0.03	-0.04	0.14	-0.15	CO 9
			min N	<b>-106.17</b>	-13.84	-5.17	0.01	-17.29	-5.50	CO 12
			max V <sub>y</sub>	-29.67	<b>10.22</b>	0.04	-0.04	0.30	-0.13	CO 15
			min V <sub>y</sub>	-79.15	<b>-13.91</b>	-5.17	0.02	-17.37	-5.52	CO 10
			max V <sub>z</sub>	-29.67	10.22	<b>0.04</b>	-0.04	0.30	-0.13	CO 15
			min V <sub>z</sub>	-106.17	-13.84	<b>-5.17</b>	0.01	-17.29	-5.50	CO 12
			max M <sub>T</sub>	-37.51	-2.32	-0.18	<b>0.02</b>	-0.33	-0.84	CO 2
			min M <sub>T</sub>	-2.85	10.14	0.03	<b>-0.04</b>	0.14	-0.15	CO 9
			max M <sub>y</sub>	-29.67	10.22	0.04	-0.04	<b>0.30</b>	-0.13	CO 15
			min M <sub>y</sub>	-79.15	-13.91	-5.17	0.02	<b>-17.37</b>	-5.52	CO 10
			max M <sub>z</sub>	-29.67	10.22	0.04	-0.04	0.30	<b>-0.13</b>	CO 15
			min M <sub>z</sub>	-79.15	-13.91	-5.17	0.02	-17.37	<b>-5.52</b>	CO 10
			max N	<b>-2.46</b>	10.14	0.00	0.00	0.14	-0.12	CO 9
			min N	<b>-76.32</b>	-2.22	-1.05	0.00	-0.11	-0.83	CO 17
			max V <sub>y</sub>	-29.79	<b>10.22</b>	-0.49	0.00	0.30	-0.09	CO 15
			min V <sub>y</sub>	-34.62	<b>-13.79</b>	38.35	0.00	-17.37	-5.53	CO 10
			max V <sub>z</sub>	-17.28	-12.29	<b>38.42</b>	0.00	-17.29	-4.97	CO 8
			min V <sub>z</sub>	-76.32	-2.22	<b>-1.05</b>	0.00	-0.11	-0.83	CO 17
			max M <sub>T</sub>	-34.62	-13.79	38.35	<b>0.00</b>	-17.37	-5.53	CO 10
			min M <sub>T</sub>	-19.81	8.64	-0.19	<b>-0.01</b>	0.11	-0.68	CO 11
			max M <sub>y</sub>	-29.79	10.22	-0.49	0.00	<b>0.30</b>	-0.09	CO 15

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-34.62	-13.79	38.35	0.00	<b>-17.37</b>	-5.53	CO 10
			max M <sub>z</sub>	-29.79	10.22	-0.49	0.00	0.30	<b>-0.09</b>	CO 15
			min M <sub>z</sub>	-34.62	-13.79	38.35	0.00	-17.37	<b>-5.53</b>	CO 10
	596	8.059	max N	<b>-0.81</b>	11.16	0.00	0.00	0.14	-2.62	CO 9
			min N	<b>-74.67</b>	-2.22	-1.05	0.00	-0.36	-0.31	CO 17
			max V <sub>y</sub>	-28.14	<b>11.24</b>	-0.49	0.00	0.18	-2.62	CO 15
			min V <sub>y</sub>	-32.97	<b>-14.95</b>	38.35	0.00	-8.36	-2.15	CO 10
			max V <sub>z</sub>	-15.63	-13.45	<b>38.42</b>	0.00	-8.26	-1.94	CO 8
			min V <sub>z</sub>	-74.67	-2.22	<b>-1.05</b>	0.00	-0.36	-0.31	CO 17
			max M <sub>T</sub>	-57.32	-0.72	-0.86	<b>0.00</b>	-0.27	-0.10	CO 16
			min M <sub>T</sub>	-18.16	9.66	-0.19	<b>-0.01</b>	0.06	-2.83	CO 11
			max M <sub>y</sub>	-28.14	11.24	-0.49	0.00	<b>0.18</b>	-2.62	CO 15
			min M <sub>y</sub>	-32.97	-14.95	38.35	0.00	<b>-8.36</b>	-2.15	CO 10
			max M <sub>z</sub>	-57.32	-0.72	-0.86	0.00	-0.27	<b>-0.10</b>	CO 16
			min M <sub>z</sub>	-18.16	9.66	-0.19	-0.01	0.06	<b>-2.83</b>	CO 11
	596	8.059	Max N	<b>-0.81</b>	11.16	0.00	0.00	0.14	-2.62	CO 9
		0.126	Min N	<b>-218.26</b>	165.82	120.38	0.47	-49.84	103.59	CO 12
	543	0.000	Max V <sub>y</sub>	-211.97	<b>182.09</b>	147.26	0.34	-64.29	124.01	CO 12
		1.800	Min V <sub>y</sub>	-62.90	<b>-17.52</b>	0.15	0.00	0.05	-27.44	CO 11
	543	0.000	Max V <sub>z</sub>	-211.97	182.09	<b>147.26</b>	0.34	-64.29	124.01	CO 12
		4.533	Min V <sub>z</sub>	-129.28	2.52	<b>-5.21</b>	0.01	-0.19	-24.16	CO 12
		0.378	Max M <sub>T</sub>	-179.85	102.98	65.09	<b>0.58</b>	-27.45	66.57	CO 12
	543	0.000	Min M <sub>T</sub>	-132.87	16.10	-0.33	<b>-0.32</b>	-0.20	-13.16	CO 15
		2.000	Max M <sub>y</sub>	-147.05	15.12	-5.17	0.02	<b>12.97</b>	-1.80	CO 12
	543	0.000	Min M <sub>y</sub>	-211.97	182.09	147.26	0.34	<b>-64.29</b>	124.01	CO 12
	543	0.000	Max M <sub>z</sub>	-211.97	182.09	147.26	0.34	-64.29	<b>124.01</b>	CO 12
		1.800	Min M <sub>z</sub>	-62.90	-17.52	0.15	0.00	0.05	<b>-27.44</b>	CO 11
714	544	0.000	max N	<b>-124.82</b>	-20.77	81.45	-0.30	-43.30	-18.86	CO 9
			min N	<b>-192.28</b>	121.01	122.77	-2.06	-60.34	56.08	CO 12
			max V <sub>y</sub>	-178.40	<b>122.24</b>	121.73	-2.08	-58.84	56.01	CO 10
			min V <sub>y</sub>	-138.66	<b>-22.06</b>	82.44	-0.28	-44.76	-18.84	CO 15
			max V <sub>z</sub>	-164.31	39.87	<b>146.35</b>	-1.26	-71.71	6.02	CO 13
			min V <sub>z</sub>	-128.41	19.45	<b>22.43</b>	-0.76	-8.02	5.78	CO 1
			max M <sub>T</sub>	-138.66	-22.06	82.44	<b>-0.28</b>	-44.76	-18.84	CO 15
			min M <sub>T</sub>	-178.40	122.24	121.73	<b>-2.08</b>	-58.84	56.01	CO 10
			max M <sub>y</sub>	-128.41	19.45	22.43	-0.76	<b>-8.02</b>	5.78	CO 1
			min M <sub>y</sub>	-164.31	39.87	146.35	-1.26	<b>-71.71</b>	6.02	CO 13
			max M <sub>z</sub>	-192.28	121.01	122.77	-2.06	-60.34	<b>56.08</b>	CO 12
			min M <sub>z</sub>	-124.82	-20.77	81.45	-0.30	-43.30	<b>-18.86</b>	CO 9
		1.800	max N	<b>-32.74</b>	8.64	4.18	-0.14	-5.03	-8.58	CO 9
			min N	<b>-68.50</b>	12.17	7.82	-0.01	-0.01	-3.54	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-50.84	<b>15.37</b>	10.30	-0.13	-0.85	-13.62	CO 13
			min V <sub>y</sub>	-41.78	<b>4.51</b>	4.46	0.01	1.20	-1.35	CO 1
			max V <sub>z</sub>	-65.85	11.73	<b>10.91</b>	0.01	5.12	-6.36	CO 17
			min V <sub>z</sub>	-46.18	5.25	<b>-0.63</b>	-0.03	-7.29	3.34	CO 8
			max M <sub>T</sub>	-45.97	10.04	9.84	<b>0.02</b>	6.01	-6.40	CO 2
			min M <sub>T</sub>	-46.65	9.83	4.92	<b>-0.14</b>	-5.66	-8.56	CO 15
			max M <sub>y</sub>	-45.97	10.04	9.84	0.02	<b>6.01</b>	-6.40	CO 2
			min M <sub>y</sub>	-60.10	6.42	0.09	-0.03	<b>-7.94</b>	3.38	CO 14
			max M <sub>z</sub>	-60.10	6.42	0.09	-0.03	-7.94	<b>3.38</b>	CO 14
			min M <sub>z</sub>	-36.93	14.18	9.55	-0.13	-0.22	<b>-13.64</b>	CO 11
			max N	<b>-47.24</b>	-7.62	13.23	0.03	-5.25	-9.41	CO 9
			min N	<b>-96.96</b>	-1.13	0.34	0.02	5.73	-7.14	CO 17
			max V <sub>y</sub>	-56.07	<b>8.25</b>	6.00	0.02	-7.52	3.31	CO 8
			min V <sub>y</sub>	-78.23	<b>-8.48</b>	13.30	0.03	-0.79	-14.84	CO 13
			max V <sub>z</sub>	-65.46	-7.63	<b>13.76</b>	0.03	-5.82	-9.51	CO 15
			min V <sub>z</sub>	-70.93	-1.11	<b>-0.42</b>	0.01	6.54	-7.03	CO 2
			max M <sub>T</sub>	-78.23	-8.48	13.30	<b>0.03</b>	-0.79	-14.84	CO 13
			min M <sub>T</sub>	-58.17	-0.27	0.06	<b>0.01</b>	1.50	-1.70	CO 1
			max M <sub>y</sub>	-70.93	-1.11	-0.42	0.01	<b>6.54</b>	-7.03	CO 2
			min M <sub>y</sub>	-74.29	8.25	6.52	0.02	<b>-8.12</b>	3.24	CO 14
			max M <sub>z</sub>	-56.07	8.25	6.00	0.02	-7.52	<b>3.31</b>	CO 8
			min M <sub>z</sub>	-78.23	-8.48	13.30	0.03	-0.79	<b>-14.84</b>	CO 13
	597	7.900	max N	<b>-4.42</b>	5.63	-10.34	0.03	3.54	-3.35	CO 9
			min N	<b>-54.14</b>	-1.15	0.30	0.02	7.64	-0.16	CO 17
			max V <sub>y</sub>	-4.42	<b>5.63</b>	-10.34	0.03	3.54	-3.35	CO 9
			min V <sub>y</sub>	-44.23	<b>-7.71</b>	-3.74	0.03	3.97	-1.13	CO 12
			max V <sub>z</sub>	-41.38	-0.29	<b>0.79</b>	0.01	5.54	-0.03	CO 16
			min V <sub>z</sub>	-17.18	4.78	<b>-10.83</b>	0.04	5.63	-3.47	CO 11
			max M <sub>T</sub>	-35.40	4.76	-10.32	<b>0.04</b>	8.24	-3.47	CO 13
			min M <sub>T</sub>	-15.34	-0.27	0.05	<b>0.01</b>	1.82	-0.04	CO 1
			max M <sub>y</sub>	-47.58	2.39	-5.95	0.03	<b>8.67</b>	-2.15	CO 19
			min M <sub>y</sub>	-13.25	-6.83	-3.77	0.02	<b>-0.72</b>	-1.01	CO 8
			max M <sub>z</sub>	-41.38	-0.29	0.79	0.01	5.54	<b>-0.03</b>	CO 16
			min M <sub>z</sub>	-17.18	4.78	-10.83	0.04	5.63	<b>-3.47</b>	CO 11
	597	7.900	Max N	<b>-4.42</b>	5.63	-10.34	0.03	3.54	-3.35	CO 9
		0.247	Min N	<b>-208.89</b>	65.72	69.82	-1.44	-38.03	34.42	CO 12
	544	0.000	Max V <sub>y</sub>	-178.40	<b>122.24</b>	121.73	-2.08	-58.84	56.01	CO 10
		0.123	Min V <sub>y</sub>	-142.30	<b>-23.88</b>	67.65	-1.08	-36.13	-16.43	CO 15
	544	0.000	Max V <sub>z</sub>	-164.31	39.87	<b>146.35</b>	-1.26	-71.71	6.02	CO 13
	597	7.900	Min V <sub>z</sub>	-17.18	4.78	<b>-10.83</b>	0.04	5.63	-3.47	CO 11
		1.481	Max M <sub>T</sub>	-55.17	7.76	4.29	<b>0.44</b>	-6.69	-5.41	CO 15



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	544	0.000	Min M <sub>T</sub>	-178.40	122.24	121.73	<b>-2.08</b>	-58.84	56.01	CO 10
		5.184	Max M <sub>y</sub>	-54.47	-1.14	0.18	0.04	<b>22.02</b>	1.45	CO 13
	544	0.000	Min M <sub>y</sub>	-164.31	39.87	146.35	-1.26	<b>-71.71</b>	6.02	CO 13
	544	0.000	Max M <sub>z</sub>	-192.28	121.01	122.77	-2.06	-60.34	<b>56.08</b>	CO 12
	544	0.000	Min M <sub>z</sub>	-124.82	-20.77	81.45	-0.30	-43.30	<b>-18.86</b>	CO 9
728	542	0.000	max N	<b>-56.29</b>	95.59	137.38	-0.29	-60.48	65.89	CO 8
			min N	<b>-156.74</b>	135.27	-8.13	-0.06	3.56	75.54	CO 17
			max V <sub>y</sub>	-78.23	<b>174.53</b>	135.75	-0.30	-59.72	112.82	CO 12
			min V <sub>y</sub>	-115.58	<b>14.63</b>	-4.06	0.32	2.12	-14.96	CO 9
			max V <sub>z</sub>	-56.29	95.59	<b>137.38</b>	-0.29	-60.48	65.89	CO 8
			min V <sub>z</sub>	-156.74	135.27	<b>-8.13</b>	-0.06	3.56	75.54	CO 17
			max M <sub>T</sub>	-134.67	15.05	-6.06	<b>0.32</b>	3.01	-14.43	CO 15
			min M <sub>T</sub>	-59.41	174.08	137.13	<b>-0.30</b>	-60.33	112.24	CO 10
			max M <sub>y</sub>	-150.39	110.34	-7.80	0.16	<b>3.65</b>	49.52	CO 19
			min M <sub>y</sub>	-56.29	95.59	137.38	-0.29	<b>-60.48</b>	65.89	CO 8
			max M <sub>z</sub>	-78.23	174.53	135.75	-0.30	-59.72	<b>112.82</b>	CO 12
			min M <sub>z</sub>	-115.58	14.63	-4.06	0.32	2.12	<b>-14.96</b>	CO 9
		1.800	max N	<b>24.61</b>	12.91	27.81	-0.18	3.85	-2.47	CO 8
			min N	<b>-89.61</b>	3.06	-1.68	-0.02	-0.25	-13.35	CO 17
			max V <sub>y</sub>	12.39	<b>14.99</b>	27.81	-0.20	3.87	-11.52	CO 10
			min V <sub>y</sub>	-56.60	<b>-6.70</b>	-1.25	0.05	-0.13	-16.95	CO 15
			max V <sub>z</sub>	24.61	12.91	<b>27.81</b>	-0.18	3.85	-2.47	CO 8
			min V <sub>z</sub>	-89.61	3.06	<b>-1.68</b>	-0.02	-0.25	-13.35	CO 17
			max M <sub>T</sub>	-56.60	-6.70	-1.25	<b>0.05</b>	-0.13	-16.95	CO 15
			min M <sub>T</sub>	12.39	14.99	27.81	<b>-0.20</b>	3.87	-11.52	CO 10
			max M <sub>y</sub>	-7.53	14.91	27.66	-0.20	<b>3.89</b>	-11.08	CO 12
			min M <sub>y</sub>	-48.34	1.12	-1.21	0.00	<b>-0.26</b>	-4.99	CO 1
			max M <sub>z</sub>	4.70	12.83	27.66	-0.18	3.87	<b>-2.03</b>	CO 14
			min M <sub>z</sub>	-48.80	-4.52	-1.05	0.03	-0.12	<b>-26.44</b>	CO 11
			max N	<b>32.26</b>	15.76	37.71	-0.26	3.81	-2.54	CO 8
			min N	<b>-118.61</b>	-2.09	-2.24	-0.07	-0.25	-13.97	CO 17
			max V <sub>y</sub>	5.92	<b>15.85</b>	37.36	-0.26	3.84	-2.07	CO 14
			min V <sub>y</sub>	-64.63	<b>-18.03</b>	-1.51	0.01	-0.12	-27.87	CO 11
			max V <sub>z</sub>	32.26	15.76	<b>37.71</b>	-0.26	3.81	-2.54	CO 8
			min V <sub>z</sub>	-109.13	-11.59	<b>-2.24</b>	-0.02	-0.16	-21.91	CO 19
			max M <sub>T</sub>	-75.14	-16.53	-1.84	<b>0.06</b>	-0.12	-17.92	CO 15
			min M <sub>T</sub>	16.29	14.32	37.63	<b>-0.31</b>	3.83	-12.01	CO 10
			max M <sub>y</sub>	-10.05	14.42	37.29	-0.31	<b>3.86</b>	-11.55	CO 12
			min M <sub>y</sub>	-64.23	-0.79	-1.32	-0.02	<b>-0.27</b>	-5.23	CO 1
			max M <sub>z</sub>	5.92	15.85	37.36	-0.26	3.84	<b>-2.07</b>	CO 14
			min M <sub>z</sub>	-64.63	-18.03	-1.51	0.01	-0.12	<b>-27.87</b>	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		2.000	max N	<b>33.67</b>	14.77	37.71	-0.26	11.35	-5.59	CO 8
			min N	<b>-117.21</b>	-2.09	-2.24	-0.07	-0.69	-13.56	CO 17
			max V <sub>y</sub>	7.32	<b>14.86</b>	37.36	-0.26	11.31	-5.14	CO 14
			min V <sub>y</sub>	-63.23	<b>-17.17</b>	-1.51	0.02	-0.42	-24.35	CO 11
			max V <sub>z</sub>	33.67	14.77	<b>37.71</b>	-0.26	11.35	-5.59	CO 8
			min V <sub>z</sub>	-107.73	-11.08	<b>-2.24</b>	-0.02	-0.61	-19.64	CO 19
			max M <sub>T</sub>	-73.74	-15.67	-1.84	<b>0.06</b>	-0.49	-14.70	CO 15
			min M <sub>T</sub>	17.69	13.33	37.63	<b>-0.30</b>	11.36	-14.78	CO 10
			max M <sub>y</sub>	17.69	13.33	37.63	-0.30	<b>11.36</b>	-14.78	CO 10
			min M <sub>y</sub>	-117.21	-2.09	-2.24	-0.07	<b>-0.69</b>	-13.56	CO 17
			max M <sub>z</sub>	-101.00	-0.68	-2.06	-0.02	-0.67	<b>-4.39</b>	CO 16
			min M <sub>z</sub>	-63.23	-17.17	-1.51	0.02	-0.42	<b>-24.35</b>	CO 11
			max N	<b>-8.60</b>	14.82	-4.44	-0.16	11.35	-5.50	CO 8
			min N	<b>-114.42</b>	-2.09	0.07	-0.03	-0.69	-13.51	CO 17
			max V <sub>y</sub>	-34.62	<b>14.91</b>	-4.47	-0.17	11.31	-5.05	CO 14
			min V <sub>y</sub>	-61.15	<b>-17.17</b>	0.10	0.03	-0.42	-24.34	CO 11
			max V <sub>z</sub>	-45.10	-15.73	<b>0.12</b>	0.04	-0.39	-15.18	CO 9
			min V <sub>z</sub>	-50.55	13.49	<b>-4.51</b>	-0.18	11.32	-14.21	CO 12
			max M <sub>T</sub>	-45.10	-15.73	0.12	<b>0.04</b>	-0.39	-15.18	CO 9
			min M <sub>T</sub>	-50.55	13.49	-4.51	<b>-0.18</b>	11.32	-14.21	CO 12
			max M <sub>y</sub>	-24.52	13.39	-4.47	-0.18	<b>11.36</b>	-14.66	CO 10
			min M <sub>y</sub>	-114.42	-2.09	0.07	-0.03	<b>-0.69</b>	-13.51	CO 17
			max M <sub>z</sub>	-98.37	-0.68	0.09	-0.01	-0.67	<b>-4.37</b>	CO 16
			min M <sub>z</sub>	-61.15	-17.17	0.10	0.03	-0.42	<b>-24.34</b>	CO 11
		8.019	max N	<b>33.66</b>	-14.88	-4.46	-0.15	-15.42	-5.25	CO 8
			min N	<b>-72.17</b>	-2.14	0.07	-0.03	-0.26	-0.71	CO 17
			max V <sub>y</sub>	-29.07	<b>10.50</b>	0.11	0.04	0.17	0.84	CO 15
			min V <sub>y</sub>	17.74	<b>-16.33</b>	-4.49	-0.17	-15.62	-5.73	CO 10
			max V <sub>z</sub>	-2.85	10.42	<b>0.12</b>	0.04	0.35	0.82	CO 9
			min V <sub>z</sub>	-8.29	-16.28	<b>-4.52</b>	-0.17	-15.86	-5.72	CO 12
			max M <sub>T</sub>	-2.85	10.42	0.12	<b>0.04</b>	0.35	0.82	CO 9
			min M <sub>T</sub>	-8.29	-16.28	-4.52	<b>-0.17</b>	-15.86	-5.72	CO 12
			max M <sub>y</sub>	-2.85	10.42	0.12	0.04	<b>0.35</b>	0.82	CO 9
			min M <sub>y</sub>	-8.29	-16.28	-4.52	-0.17	<b>-15.86</b>	-5.72	CO 12
			max M <sub>z</sub>	-29.07	10.50	0.11	0.04	0.17	<b>0.84</b>	CO 15
			min M <sub>z</sub>	17.74	-16.33	-4.49	-0.17	-15.62	<b>-5.73</b>	CO 10
			max N	<b>-0.67</b>	10.42	-1.53	0.00	0.35	0.86	CO 9
			min N	<b>-72.65</b>	-2.15	0.96	0.00	-0.26	-0.73	CO 17
			max V <sub>y</sub>	-27.22	<b>10.50</b>	-1.23	0.00	0.17	0.88	CO 15
			min V <sub>y</sub>	-27.61	<b>-16.46</b>	39.30	0.02	-15.62	-5.90	CO 10
			max V <sub>z</sub>	-54.18	-16.41	<b>39.79</b>	0.01	-15.86	-5.90	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-0.67	10.42	<b>-1.53</b>	0.00	0.35	0.86	CO 9
			max M <sub>T</sub>	-27.61	-16.46	39.30	<b>0.02</b>	-15.62	-5.90	CO 10
			min M <sub>T</sub>	-56.20	-0.69	0.60	<b>0.00</b>	-0.11	-0.24	CO 16
			max M <sub>y</sub>	-0.67	10.42	-1.53	0.00	<b>0.35</b>	0.86	CO 9
			min M <sub>y</sub>	-54.18	-16.41	39.79	0.01	<b>-15.86</b>	-5.90	CO 12
			max M <sub>z</sub>	-27.22	10.50	-1.23	0.00	0.17	<b>0.88</b>	CO 15
			min M <sub>z</sub>	-27.61	-16.46	39.30	0.02	-15.62	<b>-5.90</b>	CO 10
	598	8.219	max N	<b>0.74</b>	11.29	-1.53	0.00	0.04	-1.31	CO 9
			min N	<b>-71.24</b>	-2.15	0.96	0.00	-0.06	-0.30	CO 17
			max V <sub>y</sub>	-25.82	<b>11.37</b>	-1.23	0.00	-0.07	-1.31	CO 15
			min V <sub>y</sub>	-26.21	<b>-17.44</b>	39.30	0.01	-7.76	-2.51	CO 10
			max V <sub>z</sub>	-52.77	-17.40	<b>39.79</b>	0.01	-7.90	-2.52	CO 12
			min V <sub>z</sub>	0.74	11.29	<b>-1.53</b>	0.00	0.04	-1.31	CO 9
			max M <sub>T</sub>	-26.21	-17.44	39.30	<b>0.01</b>	-7.76	-2.51	CO 10
			min M <sub>T</sub>	-54.79	-0.69	0.60	<b>0.00</b>	0.01	-0.10	CO 16
			max M <sub>y</sub>	-16.86	-0.80	0.15	0.00	<b>0.18</b>	-0.11	CO 1
			min M <sub>y</sub>	-52.77	-17.40	39.79	0.01	<b>-7.90</b>	-2.52	CO 12
			max M <sub>z</sub>	-54.79	-0.69	0.60	0.00	0.01	<b>-0.10</b>	CO 16
			min M <sub>z</sub>	-52.77	-17.40	39.79	0.01	-7.90	<b>-2.52</b>	CO 12
		2.000	Max N	<b>33.67</b>	14.77	37.71	-0.26	11.35	-5.59	CO 8
		0.125	Min N	<b>-162.47</b>	122.60	-6.70	-0.20	2.78	61.12	CO 17
	542	0.000	Max V <sub>y</sub>	-78.23	<b>174.53</b>	135.75	-0.30	-59.72	112.82	CO 12
		1.800	Min V <sub>y</sub>	-64.63	<b>-18.03</b>	-1.51	0.01	-0.12	-27.87	CO 11
	542	0.000	Max V <sub>z</sub>	-56.29	95.59	<b>137.38</b>	-0.29	-60.48	65.89	CO 8
	542	0.000	Min V <sub>z</sub>	-156.74	135.27	<b>-8.13</b>	-0.06	3.56	75.54	CO 17
	542	0.000	Max M <sub>T</sub>	-134.67	15.05	-6.06	<b>0.32</b>	3.01	-14.43	CO 15
		0.498	Min M <sub>T</sub>	-50.71	76.45	41.32	<b>-0.73</b>	-19.58	45.74	CO 12
		2.000	Max M <sub>y</sub>	17.69	13.33	37.63	-0.30	<b>11.36</b>	-14.78	CO 10
	542	0.000	Min M <sub>y</sub>	-56.29	95.59	137.38	-0.29	<b>-60.48</b>	65.89	CO 8
	542	0.000	Max M <sub>z</sub>	-78.23	174.53	135.75	-0.30	-59.72	<b>112.82</b>	CO 12
		4.732	Min M <sub>z</sub>	-5.35	-0.12	-4.48	-0.19	-0.88	<b>-32.78</b>	CO 10
731	540	0.000	max N	<b>-115.20</b>	63.09	36.05	0.85	-29.82	31.17	CO 8
			min N	<b>-165.95</b>	81.23	-87.58	1.75	36.52	31.28	CO 17
			max V <sub>y</sub>	-138.41	<b>125.89</b>	-28.08	1.84	-2.86	56.44	CO 10
			min V <sub>y</sub>	-135.81	<b>-25.78</b>	-89.02	0.27	48.97	-21.33	CO 15
			max V <sub>z</sub>	-115.20	63.09	<b>36.05</b>	0.85	-29.82	31.17	CO 8
			min V <sub>z</sub>	-159.04	36.99	<b>-153.24</b>	1.27	75.99	3.92	CO 13
			max M <sub>T</sub>	-138.41	125.89	-28.08	<b>1.84</b>	-2.86	56.44	CO 10
			min M <sub>T</sub>	-135.81	-25.78	-89.02	<b>0.27</b>	48.97	-21.33	CO 15
			max M <sub>y</sub>	-159.04	36.99	-153.24	1.27	<b>75.99</b>	3.92	CO 13
			min M <sub>y</sub>	-115.20	63.09	36.05	0.85	<b>-29.82</b>	31.17	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-149.54	124.92	-28.84	1.83	-1.70	<b>56.51</b>	CO 12
			min M <sub>z</sub>	-124.67	-24.79	-88.17	0.28	47.75	<b>-21.38</b>	CO 9
		1.800	max N	<b>-30.95</b>	2.06	-11.49	-0.19	-13.31	3.78	CO 8
			min N	<b>-57.66</b>	10.84	-10.23	0.00	-5.19	-6.04	CO 17
			max V <sub>y</sub>	-44.94	<b>15.48</b>	-7.61	0.21	3.18	-14.28	CO 13
			min V <sub>y</sub>	-30.95	<b>2.06</b>	-11.49	-0.19	-13.31	3.78	CO 8
			max V <sub>z</sub>	-32.22	9.33	<b>-1.96</b>	0.20	7.32	-9.47	CO 9
			min V <sub>z</sub>	-43.65	8.18	<b>-17.19</b>	-0.20	-17.52	-1.01	CO 12
			max M <sub>T</sub>	-43.41	10.28	-2.47	<b>0.21</b>	7.89	-9.45	CO 15
			min M <sub>T</sub>	-32.46	7.24	-16.65	<b>-0.21</b>	-18.05	-1.04	CO 10
			max M <sub>y</sub>	-43.41	10.28	-2.47	0.21	<b>7.89</b>	-9.45	CO 15
			min M <sub>y</sub>	-32.46	7.24	-16.65	-0.21	<b>-18.05</b>	-1.04	CO 10
			max M <sub>z</sub>	-42.13	2.99	-12.04	-0.19	-12.79	<b>3.81</b>	CO 14
			min M <sub>z</sub>	-33.74	14.53	-7.09	0.20	2.61	<b>-14.30</b>	CO 11
			max N	<b>-45.80</b>	-8.64	-14.35	0.00	7.70	-10.36	CO 9
			min N	<b>-85.91</b>	-0.98	-0.01	0.00	-5.74	-6.73	CO 17
			max V <sub>y</sub>	-47.46	<b>8.90</b>	10.82	0.00	-14.38	3.92	CO 8
			min V <sub>y</sub>	-69.44	<b>-9.39</b>	-14.26	0.01	3.31	-15.49	CO 13
			max V <sub>z</sub>	-56.48	8.16	<b>11.33</b>	0.00	-19.31	-1.13	CO 10
			min V <sub>z</sub>	-60.43	-8.65	<b>-14.76</b>	0.00	8.22	-10.42	CO 15
			max M <sub>T</sub>	-69.44	-9.39	-14.26	<b>0.01</b>	3.31	-15.49	CO 13
			min M <sub>T</sub>	-56.48	8.16	11.33	<b>0.00</b>	-19.31	-1.13	CO 10
			max M <sub>y</sub>	-60.43	-8.65	-14.76	0.00	<b>8.22</b>	-10.42	CO 15
			min M <sub>y</sub>	-56.48	8.16	11.33	0.00	<b>-19.31</b>	-1.13	CO 10
			max M <sub>z</sub>	-47.46	8.90	10.82	0.00	-14.38	<b>3.92</b>	CO 8
			min M <sub>z</sub>	-69.44	-9.39	-14.26	0.01	3.31	<b>-15.49</b>	CO 13
	599	8.378	max N	<b>0.38</b>	5.65	11.06	0.00	-3.08	-0.55	CO 9
			min N	<b>-39.73</b>	-1.00	0.02	0.00	-5.70	-0.15	CO 17
			max V <sub>y</sub>	0.38	<b>5.65</b>	11.06	0.00	-3.08	-0.55	CO 9
			min V <sub>y</sub>	-24.94	<b>-8.13</b>	-6.00	0.01	-2.57	-1.23	CO 12
			max V <sub>z</sub>	-8.64	4.90	<b>11.58</b>	0.00	-4.62	-0.66	CO 11
			min V <sub>z</sub>	-15.92	-7.37	<b>-6.52</b>	0.01	-1.03	-1.12	CO 14
			max M <sub>T</sub>	-24.94	-8.13	-6.00	<b>0.01</b>	-2.57	-1.23	CO 12
			min M <sub>T</sub>	0.38	5.65	11.06	<b>0.00</b>	-3.08	-0.55	CO 9
			max M <sub>y</sub>	-1.29	-7.36	-6.13	0.00	<b>1.07</b>	-1.12	CO 8
			min M <sub>y</sub>	-33.62	2.53	6.63	0.00	<b>-6.86</b>	-0.46	CO 19
			max M <sub>z</sub>	-9.82	-0.24	0.06	0.00	-1.16	<b>-0.04</b>	CO 1
			min M <sub>z</sub>	-24.94	-8.13	-6.00	0.01	-2.57	<b>-1.23</b>	CO 12
	599	8.378	Max N	<b>0.38</b>	5.65	11.06	0.00	-3.08	-0.55	CO 9
		0.123	Min N	<b>-173.36</b>	60.25	-67.08	1.55	28.01	23.41	CO 17
	540	0.000	Max V <sub>y</sub>	-138.41	<b>125.89</b>	-28.08	1.84	-2.86	56.44	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		0.123	Min V <sub>y</sub>	-139.70	<b>-27.20</b>	-73.40	1.17	39.67	-18.53	CO 15
	540	0.000	Max V <sub>z</sub>	-115.20	63.09	<b>36.05</b>	0.85	-29.82	31.17	CO 8
	540	0.000	Min V <sub>z</sub>	-159.04	36.99	<b>-153.24</b>	1.27	75.99	3.92	CO 13
		0.246	Max M <sub>T</sub>	-167.29	7.20	-90.94	<b>2.14</b>	47.45	-0.09	CO 13
		0.246	Min M <sub>T</sub>	-104.74	36.89	33.17	<b>-0.71</b>	-20.81	19.37	CO 8
	540	0.000	Max M <sub>y</sub>	-159.04	36.99	-153.24	1.27	<b>75.99</b>	3.92	CO 13
	540	0.000	Min M <sub>y</sub>	-115.20	63.09	36.05	0.85	<b>-29.82</b>	31.17	CO 8
	540	0.000	Max M <sub>z</sub>	-149.54	124.92	-28.84	1.83	-1.70	<b>56.51</b>	CO 12
	540	0.000	Min M <sub>z</sub>	-124.67	-24.79	-88.17	0.28	47.75	<b>-21.38</b>	CO 9
807	610	0.000	max N	<b>31.64</b>	0.00	0.32	-0.11	0.00	0.00	CO 15
			min N	<b>-11.98</b>	0.01	0.32	0.03	0.00	0.00	CO 12
			max V <sub>y</sub>	-11.83	<b>0.01</b>	0.32	0.08	0.00	0.00	CO 14
			min V <sub>y</sub>	31.50	<b>0.00</b>	0.32	-0.15	0.00	0.00	CO 11
			max V <sub>z</sub>	-11.98	0.01	<b>0.32</b>	0.03	0.00	0.00	CO 12
			min V <sub>z</sub>	31.55	0.00	<b>0.32</b>	-0.10	0.00	0.00	CO 9
			max M <sub>T</sub>	-11.76	0.01	0.32	<b>0.10</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	31.60	0.00	0.32	<b>-0.16</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-8.04	0.01	0.32	-0.02	<b>0.00</b>	0.00	CO 18
			min M <sub>y</sub>	-11.76	0.01	0.32	0.10	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	31.60	0.00	0.32	-0.16	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-11.76	0.01	0.32	0.10	0.00	<b>0.00</b>	CO 8
	4	4.126	max N	<b>32.44</b>	0.00	-0.53	-0.11	-0.42	0.01	CO 15
			min N	<b>-11.18</b>	0.01	-0.53	0.03	-0.42	-0.03	CO 12
			max V <sub>y</sub>	-11.03	<b>0.01</b>	-0.53	0.08	-0.42	-0.04	CO 14
			min V <sub>y</sub>	32.31	<b>-0.01</b>	-0.53	-0.15	-0.42	0.02	CO 11
			max V <sub>z</sub>	32.40	0.00	<b>-0.53</b>	-0.16	-0.42	0.02	CO 13
			min V <sub>z</sub>	-1.15	0.00	<b>-0.53</b>	-0.03	-0.43	0.00	CO 1
			max M <sub>T</sub>	-10.96	0.01	-0.53	<b>0.09</b>	-0.42	-0.04	CO 8
			min M <sub>T</sub>	32.40	0.00	-0.53	<b>-0.16</b>	-0.42	0.02	CO 13
			max M <sub>y</sub>	-11.18	0.01	-0.53	0.03	<b>-0.42</b>	-0.03	CO 12
			min M <sub>y</sub>	-1.15	0.00	-0.53	-0.03	<b>-0.43</b>	0.00	CO 1
			max M <sub>z</sub>	32.31	-0.01	-0.53	-0.15	-0.42	<b>0.02</b>	CO 11
			min M <sub>z</sub>	-11.03	0.01	-0.53	0.08	-0.42	<b>-0.04</b>	CO 14
	4	4.126	Max N	<b>32.44</b>	0.00	-0.53	-0.11	-0.42	0.01	CO 15
	610	0.000	Min N	<b>-11.98</b>	0.01	0.32	0.03	0.00	0.00	CO 12
	610	0.000	Max V <sub>y</sub>	-11.83	<b>0.01</b>	0.32	0.08	0.00	0.00	CO 14
	4	4.126	Min V <sub>y</sub>	32.31	<b>-0.01</b>	-0.53	-0.15	-0.42	0.02	CO 11
	610	0.000	Max V <sub>z</sub>	-11.98	0.01	<b>0.32</b>	0.03	0.00	0.00	CO 12
	4	4.126	Min V <sub>z</sub>	-1.15	0.00	<b>-0.53</b>	-0.03	-0.43	0.00	CO 1
		1.456	Max M <sub>T</sub>	-11.47	0.01	0.02	<b>0.10</b>	0.25	-0.01	CO 8
		1.456	Min M <sub>T</sub>	31.89	0.00	0.02	<b>-0.16</b>	0.24	0.01	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.456	Max M <sub>y</sub>	-11.70	0.01	0.02	0.03	<b>0.25</b>	-0.01	CO 12
	4	4.126	Min M <sub>y</sub>	-1.15	0.00	-0.53	-0.03	<b>-0.43</b>	0.00	CO 1
	4	4.126	Max M <sub>z</sub>	32.31	-0.01	-0.53	-0.15	-0.42	<b>0.02</b>	CO 11
	4	4.126	Min M <sub>z</sub>	-11.03	0.01	-0.53	0.08	-0.42	<b>-0.04</b>	CO 14
808	609	0.000	max N	<b>6.65</b>	-0.01	0.32	-0.03	0.00	0.00	CO 12
			min N	<b>-36.36</b>	-0.01	0.33	0.09	0.00	0.00	CO 9
			max V <sub>y</sub>	-1.73	<b>0.00</b>	0.32	0.08	0.00	0.00	CO 2
			min V <sub>y</sub>	6.51	<b>-0.01</b>	0.32	-0.09	0.00	0.00	CO 14
			max V <sub>z</sub>	-36.28	-0.01	<b>0.33</b>	0.15	0.00	0.00	CO 13
			min V <sub>z</sub>	6.31	-0.01	<b>0.32</b>	-0.10	0.00	0.00	CO 8
			max M <sub>T</sub>	-36.28	-0.01	0.33	<b>0.15</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	6.31	-0.01	0.32	<b>-0.10</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	3.42	-0.01	0.32	0.02	<b>0.00</b>	0.00	CO 18
			min M <sub>y</sub>	6.31	-0.01	0.32	-0.10	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	6.31	-0.01	0.32	-0.10	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-22.38	0.00	0.33	0.14	0.00	<b>0.00</b>	CO 19
	4	4.126	max N	<b>7.45</b>	-0.01	-0.53	-0.03	-0.42	0.05	CO 12
			min N	<b>-35.56</b>	0.00	-0.53	0.09	-0.42	0.02	CO 9
			max V <sub>y</sub>	-0.93	<b>0.00</b>	-0.53	0.08	-0.43	-0.01	CO 2
			min V <sub>y</sub>	7.31	<b>-0.01</b>	-0.53	-0.09	-0.42	0.05	CO 14
			max V <sub>z</sub>	7.45	-0.01	<b>-0.53</b>	-0.03	-0.42	0.05	CO 12
			min V <sub>z</sub>	-1.04	0.00	<b>-0.53</b>	0.03	-0.43	0.00	CO 1
			max M <sub>T</sub>	-35.48	0.00	-0.53	<b>0.15</b>	-0.42	0.02	CO 13
			min M <sub>T</sub>	7.11	-0.01	-0.53	<b>-0.10</b>	-0.42	0.05	CO 8
			max M <sub>y</sub>	7.45	-0.01	-0.53	-0.03	<b>-0.42</b>	0.05	CO 12
			min M <sub>y</sub>	-1.04	0.00	-0.53	0.03	<b>-0.43</b>	0.00	CO 1
			max M <sub>z</sub>	7.31	-0.01	-0.53	-0.09	-0.42	<b>0.05</b>	CO 14
			min M <sub>z</sub>	-0.93	0.00	-0.53	0.08	-0.43	<b>-0.01</b>	CO 2
	4	4.126	Max N	<b>7.45</b>	-0.01	-0.53	-0.03	-0.42	0.05	CO 12
	609	0.000	Min N	<b>-36.36</b>	-0.01	0.33	0.09	0.00	0.00	CO 9
		1.699	Max V <sub>y</sub>	-1.40	<b>0.00</b>	-0.03	0.08	0.25	0.00	CO 2
	609	0.000	Min V <sub>y</sub>	6.51	<b>-0.01</b>	0.32	-0.09	0.00	0.00	CO 14
	609	0.000	Max V <sub>z</sub>	-36.28	-0.01	<b>0.33</b>	0.15	0.00	0.00	CO 13
	4	4.126	Min V <sub>z</sub>	-1.04	0.00	<b>-0.53</b>	0.03	-0.43	0.00	CO 1
		1.456	Max M <sub>T</sub>	-36.00	0.00	0.02	<b>0.15</b>	0.26	0.01	CO 13
		1.456	Min M <sub>T</sub>	6.59	-0.01	0.02	<b>-0.10</b>	0.25	0.02	CO 8
		1.456	Max M <sub>y</sub>	-36.00	0.00	0.02	0.15	<b>0.26</b>	0.01	CO 13
	4	4.126	Min M <sub>y</sub>	-1.04	0.00	-0.53	0.03	<b>-0.43</b>	0.00	CO 1
	4	4.126	Max M <sub>z</sub>	7.31	-0.01	-0.53	-0.09	-0.42	<b>0.05</b>	CO 14
	4	4.126	Min M <sub>z</sub>	-0.93	0.00	-0.53	0.08	-0.43	<b>-0.01</b>	CO 2
831	604	0.000	max N	<b>28.39</b>	0.00	0.32	0.10	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-2.38</b>	0.00	0.32	0.10	0.00	0.00	CO 17
			max V <sub>y</sub>	8.80	<b>0.01</b>	0.32	0.14	0.00	0.00	CO 10
			min V <sub>y</sub>	-2.29	<b>0.00</b>	0.32	0.05	0.00	0.00	CO 16
			max V <sub>z</sub>	-2.38	0.00	<b>0.32</b>	0.10	0.00	0.00	CO 17
			min V <sub>z</sub>	28.39	0.00	<b>0.32</b>	0.10	0.00	0.00	CO 9
			max M <sub>T</sub>	28.33	0.00	0.32	<b>0.16</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	-2.10	0.00	0.32	<b>0.03</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-2.10	0.00	0.32	0.03	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	8.76	0.01	0.32	0.15	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-2.10	0.00	0.32	0.03	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	28.33	0.00	0.32	0.16	0.00	<b>0.00</b>	CO 13
	5	4.306	max N	<b>29.26</b>	0.00	-0.53	0.10	-0.44	-0.01	CO 9
			min N	<b>-1.50</b>	0.00	-0.53	0.10	-0.44	0.00	CO 17
			max V <sub>y</sub>	9.68	<b>0.01</b>	-0.53	0.14	-0.46	-0.06	CO 10
			min V <sub>y</sub>	-1.41	<b>0.00</b>	-0.53	0.05	-0.44	0.00	CO 16
			max V <sub>z</sub>	29.20	0.00	<b>-0.53</b>	0.16	-0.44	-0.01	CO 13
			min V <sub>z</sub>	9.71	0.01	<b>-0.53</b>	0.09	-0.46	-0.05	CO 8
			max M <sub>T</sub>	29.20	0.00	-0.53	<b>0.16</b>	-0.44	-0.01	CO 13
			min M <sub>T</sub>	-1.23	0.00	-0.53	<b>0.03</b>	-0.45	0.00	CO 1
			max M <sub>y</sub>	29.20	0.00	-0.53	0.16	<b>-0.44</b>	-0.01	CO 13
			min M <sub>y</sub>	9.71	0.01	-0.53	0.09	<b>-0.46</b>	-0.05	CO 8
			max M <sub>z</sub>	-1.41	0.00	-0.53	0.05	-0.44	<b>0.00</b>	CO 16
			min M <sub>z</sub>	9.68	0.01	-0.53	0.14	-0.46	<b>-0.06</b>	CO 10
	5	4.306	Max N	<b>29.26</b>	0.00	-0.53	0.10	-0.44	-0.01	CO 9
	604	0.000	Min N	<b>-2.38</b>	0.00	0.32	0.10	0.00	0.00	CO 17
	604	0.000	Max V <sub>y</sub>	8.80	<b>0.01</b>	0.32	0.14	0.00	0.00	CO 10
	5	4.306	Min V <sub>y</sub>	-1.41	<b>0.00</b>	-0.53	0.05	-0.44	0.00	CO 16
	604	0.000	Max V <sub>z</sub>	-2.38	0.00	<b>0.32</b>	0.10	0.00	0.00	CO 17
	5	4.306	Min V <sub>z</sub>	9.71	0.01	<b>-0.53</b>	0.09	-0.46	-0.05	CO 8
		1.675	Max M <sub>T</sub>	28.67	0.00	-0.01	<b>0.16</b>	0.26	0.00	CO 13
	5	4.306	Min M <sub>T</sub>	-1.23	0.00	-0.53	<b>0.03</b>	-0.45	0.00	CO 1
		1.675	Max M <sub>y</sub>	-2.04	0.00	-0.01	0.10	<b>0.26</b>	0.00	CO 17
	5	4.306	Min M <sub>y</sub>	9.71	0.01	-0.53	0.09	<b>-0.46</b>	-0.05	CO 8
	5	4.306	Max M <sub>z</sub>	-1.41	0.00	-0.53	0.05	-0.44	<b>0.00</b>	CO 16
	5	4.306	Min M <sub>z</sub>	9.68	0.01	-0.53	0.14	-0.46	<b>-0.06</b>	CO 10
832	602	0.000	max N	<b>-2.02</b>	0.00	0.32	-0.05	0.00	0.00	CO 16
			min N	<b>-33.90</b>	0.01	0.33	-0.15	0.00	0.00	CO 13
			max V <sub>y</sub>	-33.80	<b>0.01</b>	0.33	-0.10	0.00	0.00	CO 15
			min V <sub>y</sub>	-8.83	<b>-0.02</b>	0.32	-0.14	0.00	0.00	CO 10
			max V <sub>z</sub>	-33.90	0.01	<b>0.33</b>	-0.15	0.00	0.00	CO 13
			min V <sub>z</sub>	-8.74	-0.02	<b>0.32</b>	-0.09	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-2.08	0.00	0.32	<b>-0.03</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-8.86	-0.02	0.32	<b>-0.15</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-33.74	0.01	0.33	-0.09	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-8.86	-0.02	0.32	-0.15	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-8.86	-0.02	0.32	-0.15	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-2.08	0.00	0.32	-0.03	0.00	<b>0.00</b>	CO 1
	5	4.306	max N	<b>-1.15</b>	0.00	-0.53	-0.05	-0.44	0.00	CO 16
			min N	<b>-33.03</b>	0.00	-0.53	-0.15	-0.44	-0.02	CO 13
			max V <sub>y</sub>	-32.93	<b>0.01</b>	-0.53	-0.10	-0.44	-0.03	CO 15
			min V <sub>y</sub>	-7.95	<b>-0.01</b>	-0.53	-0.14	-0.46	0.07	CO 10
			max V <sub>z</sub>	-20.32	0.00	<b>-0.53</b>	-0.13	-0.44	-0.01	CO 19
			min V <sub>z</sub>	-7.87	-0.01	<b>-0.53</b>	-0.09	-0.46	0.06	CO 8
			max M <sub>T</sub>	-1.20	0.00	-0.53	<b>-0.03</b>	-0.45	0.00	CO 1
			min M <sub>T</sub>	-7.98	-0.01	-0.53	<b>-0.15</b>	-0.46	0.07	CO 12
			max M <sub>y</sub>	-33.03	0.00	-0.53	-0.15	<b>-0.44</b>	-0.02	CO 13
			min M <sub>y</sub>	-7.87	-0.01	-0.53	-0.09	<b>-0.46</b>	0.06	CO 8
			max M <sub>z</sub>	-7.95	-0.01	-0.53	-0.14	-0.46	<b>0.07</b>	CO 10
			min M <sub>z</sub>	-32.93	0.01	-0.53	-0.10	-0.44	<b>-0.03</b>	CO 15
	5	4.306	Max N	<b>-1.15</b>	0.00	-0.53	-0.05	-0.44	0.00	CO 16
	602	0.000	Min N	<b>-33.90</b>	0.01	0.33	-0.15	0.00	0.00	CO 13
	602	0.000	Max V <sub>y</sub>	-33.80	<b>0.01</b>	0.33	-0.10	0.00	0.00	CO 15
	602	0.000	Min V <sub>y</sub>	-8.83	<b>-0.02</b>	0.32	-0.14	0.00	0.00	CO 10
	602	0.000	Max V <sub>z</sub>	-33.90	0.01	<b>0.33</b>	-0.15	0.00	0.00	CO 13
	5	4.306	Min V <sub>z</sub>	-7.87	-0.01	<b>-0.53</b>	-0.09	-0.46	0.06	CO 8
	5	4.306	Max M <sub>T</sub>	-1.20	0.00	-0.53	<b>-0.03</b>	-0.45	0.00	CO 1
		1.675	Min M <sub>T</sub>	-8.52	-0.02	-0.01	<b>-0.15</b>	0.26	0.03	CO 12
		1.675	Max M <sub>y</sub>	-33.56	0.01	-0.01	-0.15	<b>0.27</b>	-0.01	CO 13
	5	4.306	Min M <sub>y</sub>	-7.87	-0.01	-0.53	-0.09	<b>-0.46</b>	0.06	CO 8
	5	4.306	Max M <sub>z</sub>	-7.95	-0.01	-0.53	-0.14	-0.46	<b>0.07</b>	CO 10
	5	4.306	Min M <sub>z</sub>	-32.93	0.01	-0.53	-0.10	-0.44	<b>-0.03</b>	CO 15
833	652	0.000	max N	<b>56.87</b>	-0.06	0.29	0.00	0.00	0.00	CO 8
			min N	<b>-2.00</b>	0.00	0.30	0.04	0.00	0.00	CO 13
			max V <sub>y</sub>	0.10	<b>0.00</b>	0.30	0.04	0.00	0.00	CO 2
			min V <sub>y</sub>	56.52	<b>-0.07</b>	0.29	0.00	0.00	0.00	CO 14
			max V <sub>z</sub>	-1.21	0.00	<b>0.30</b>	0.02	0.00	0.00	CO 9
			min V <sub>z</sub>	56.44	-0.06	<b>0.29</b>	0.02	0.00	0.00	CO 12
			max M <sub>T</sub>	-1.43	0.00	0.30	<b>0.05</b>	0.00	0.00	CO 11
			min M <sub>T</sub>	56.52	-0.07	0.29	<b>0.00</b>	0.00	0.00	CO 14
			max M <sub>y</sub>	56.79	-0.06	0.29	0.02	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	0.10	0.00	0.30	0.04	<b>0.00</b>	0.00	CO 2
			max M <sub>z</sub>	56.52	-0.07	0.29	0.00	0.00	<b>0.00</b>	CO 14



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-1.43	0.00	0.30	0.05	0.00	<b>0.00</b>	CO 11
	6	4.025	max N	<b>56.06</b>	-0.08	-0.50	0.00	-0.42	0.28	CO 8
			min N	<b>-2.81</b>	0.00	-0.51	0.04	-0.42	-0.01	CO 13
			max V <sub>y</sub>	-0.71	<b>0.00</b>	-0.50	0.04	-0.42	-0.01	CO 2
			min V <sub>y</sub>	55.71	<b>-0.08</b>	-0.51	0.00	-0.42	0.29	CO 14
			max V <sub>z</sub>	-2.02	0.00	<b>-0.50</b>	0.02	-0.41	0.00	CO 9
			min V <sub>z</sub>	55.63	-0.08	<b>-0.51</b>	0.02	-0.43	0.28	CO 12
			max M <sub>T</sub>	-2.24	0.00	-0.50	<b>0.05</b>	-0.42	-0.01	CO 11
			min M <sub>T</sub>	55.71	-0.08	-0.51	<b>0.00</b>	-0.42	0.29	CO 14
			max M <sub>y</sub>	-2.02	0.00	-0.50	0.02	<b>-0.41</b>	0.00	CO 9
			min M <sub>y</sub>	32.69	-0.05	-0.51	0.03	<b>-0.43</b>	0.18	CO 18
			max M <sub>z</sub>	55.71	-0.08	-0.51	0.00	-0.42	<b>0.29</b>	CO 14
			min M <sub>z</sub>	-0.71	0.00	-0.50	0.04	-0.42	<b>-0.01</b>	CO 2
	652	0.000	Max N	<b>56.87</b>	-0.06	0.29	0.00	0.00	0.00	CO 8
	6	4.025	Min N	<b>-2.81</b>	0.00	-0.51	0.04	-0.42	-0.01	CO 13
		3.552	Max V <sub>y</sub>	-0.61	<b>0.00</b>	-0.41	0.04	-0.20	-0.01	CO 2
	6	4.025	Min V <sub>y</sub>	55.71	<b>-0.08</b>	-0.51	0.00	-0.42	0.29	CO 14
	652	0.000	Max V <sub>z</sub>	-1.21	0.00	<b>0.30</b>	0.02	0.00	0.00	CO 9
	6	4.025	Min V <sub>z</sub>	55.63	-0.08	<b>-0.51</b>	0.02	-0.43	0.28	CO 12
	6	4.025	Max M <sub>T</sub>	-2.24	0.00	-0.50	<b>0.05</b>	-0.42	-0.01	CO 11
		1.657	Min M <sub>T</sub>	56.18	-0.07	-0.03	<b>0.00</b>	0.21	0.11	CO 14
		1.421	Max M <sub>y</sub>	-1.50	0.00	0.01	0.02	<b>0.22</b>	0.00	CO 9
	6	4.025	Min M <sub>y</sub>	32.69	-0.05	-0.51	0.03	<b>-0.43</b>	0.18	CO 18
	6	4.025	Max M <sub>z</sub>	55.71	-0.08	-0.51	0.00	-0.42	<b>0.29</b>	CO 14
	6	4.025	Min M <sub>z</sub>	-0.71	0.00	-0.50	0.04	-0.42	<b>-0.01</b>	CO 2
834	323	0.000	max N	<b>-1.18</b>	0.00	0.30	-0.02	0.00	0.00	CO 9
			min N	<b>-60.58</b>	0.07	0.31	-0.11	0.00	0.00	CO 12
			max V <sub>y</sub>	-59.95	<b>0.07</b>	0.31	-0.07	0.00	0.00	CO 14
			min V <sub>y</sub>	-2.82	<b>0.00</b>	0.30	-0.06	0.00	0.00	CO 2
			max V <sub>z</sub>	-60.58	0.07	<b>0.31</b>	-0.11	0.00	0.00	CO 12
			min V <sub>z</sub>	-1.18	0.00	<b>0.30</b>	-0.02	0.00	0.00	CO 9
			max M <sub>T</sub>	-2.82	0.00	0.30	<b>-0.02</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	-60.02	0.07	0.31	<b>-0.11</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	-60.58	0.07	0.31	-0.11	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-2.82	0.00	0.30	-0.06	<b>0.00</b>	0.00	CO 2
			max M <sub>z</sub>	-1.67	0.00	0.30	-0.06	0.00	<b>0.00</b>	CO 11
			min M <sub>z</sub>	-2.82	0.00	0.30	-0.02	0.00	<b>0.00</b>	CO 16
	6	4.094	max N	<b>-0.34</b>	0.00	-0.50	-0.02	-0.41	0.00	CO 9
			min N	<b>-59.74</b>	0.05	-0.50	-0.11	-0.41	-0.25	CO 12
			max V <sub>y</sub>	-59.11	<b>0.05</b>	-0.50	-0.07	-0.41	-0.25	CO 14
			min V <sub>y</sub>	-1.98	<b>0.00</b>	-0.50	-0.06	-0.41	0.01	CO 2

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-2.47	0.00	<b>-0.50</b>	-0.06	-0.40	0.01	CO 17
			min V <sub>z</sub>	-58.56	0.05	<b>-0.50</b>	-0.08	-0.41	-0.25	CO 8
			max M <sub>T</sub>	-1.98	0.00	-0.50	<b>-0.02</b>	-0.41	0.00	CO 16
			min M <sub>T</sub>	-59.18	0.05	-0.50	<b>-0.11</b>	-0.41	-0.25	CO 10
			max M <sub>y</sub>	-2.47	0.00	-0.50	-0.06	<b>-0.40</b>	0.01	CO 17
			min M <sub>y</sub>	-58.56	0.05	-0.50	-0.08	<b>-0.41</b>	-0.25	CO 8
			max M <sub>z</sub>	-1.98	0.00	-0.50	-0.06	-0.41	<b>0.01</b>	CO 2
			min M <sub>z</sub>	-59.11	0.05	-0.50	-0.07	-0.41	<b>-0.25</b>	CO 14
	6	4.094	Max N	<b>-0.34</b>	0.00	-0.50	-0.02	-0.41	0.00	CO 9
	323	0.000	Min N	<b>-60.58</b>	0.07	0.31	-0.11	0.00	0.00	CO 12
	323	0.000	Max V <sub>y</sub>	-59.95	<b>0.07</b>	0.31	-0.07	0.00	0.00	CO 14
		1.926	Min V <sub>y</sub>	-2.43	<b>0.00</b>	-0.08	-0.06	0.22	0.01	CO 2
	323	0.000	Max V <sub>z</sub>	-60.58	0.07	<b>0.31</b>	-0.11	0.00	0.00	CO 12
	6	4.094	Min V <sub>z</sub>	-58.56	0.05	<b>-0.50</b>	-0.08	-0.41	-0.25	CO 8
		1.445	Max M <sub>T</sub>	-2.52	0.00	0.02	<b>-0.02</b>	0.23	0.00	CO 16
	323	0.000	Min M <sub>T</sub>	-60.02	0.07	0.31	<b>-0.11</b>	0.00	0.00	CO 10
		1.445	Max M <sub>y</sub>	-60.28	0.06	0.02	-0.11	<b>0.24</b>	-0.10	CO 12
	6	4.094	Min M <sub>y</sub>	-58.56	0.05	-0.50	-0.08	<b>-0.41</b>	-0.25	CO 8
	6	4.094	Max M <sub>z</sub>	-1.98	0.00	-0.50	-0.06	-0.41	<b>0.01</b>	CO 2
	6	4.094	Min M <sub>z</sub>	-59.11	0.05	-0.50	-0.07	-0.41	<b>-0.25</b>	CO 14
835	653	0.000	max N	<b>62.32</b>	0.07	0.29	0.00	0.00	0.00	CO 8
			min N	<b>-0.99</b>	-0.01	0.29	0.00	0.00	0.00	CO 19
			max V <sub>y</sub>	61.87	<b>0.07</b>	0.29	0.01	0.00	0.00	CO 14
			min V <sub>y</sub>	0.03	<b>-0.01</b>	0.29	0.02	0.00	0.00	CO 11
			max V <sub>z</sub>	0.28	0.00	<b>0.30</b>	-0.01	0.00	0.00	CO 1
			min V <sub>z</sub>	61.82	0.06	<b>0.29</b>	-0.02	0.00	0.00	CO 12
			max M <sub>T</sub>	-0.46	-0.01	0.29	<b>0.04</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	0.05	0.00	0.30	<b>-0.04</b>	0.00	0.00	CO 2
			max M <sub>y</sub>	0.26	-0.01	0.30	0.04	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	61.87	0.07	0.29	0.01	<b>0.00</b>	0.00	CO 14
			max M <sub>z</sub>	0.05	0.00	0.30	-0.04	0.00	<b>0.00</b>	CO 2
			min M <sub>z</sub>	0.26	-0.01	0.30	0.04	0.00	<b>0.00</b>	CO 9
	2	4.025	max N	<b>61.51</b>	0.09	-0.51	0.00	-0.42	-0.29	CO 8
			min N	<b>-1.80</b>	-0.01	-0.51	0.00	-0.43	0.02	CO 19
			max V <sub>y</sub>	61.06	<b>0.09</b>	-0.51	0.01	-0.42	-0.29	CO 14
			min V <sub>y</sub>	-0.78	<b>-0.01</b>	-0.51	0.02	-0.42	0.03	CO 11
			max V <sub>z</sub>	-0.53	0.00	<b>-0.50</b>	-0.01	-0.42	0.00	CO 1
			min V <sub>z</sub>	61.01	0.09	<b>-0.51</b>	-0.02	-0.43	-0.29	CO 12
			max M <sub>T</sub>	-1.27	-0.01	-0.51	<b>0.04</b>	-0.43	0.03	CO 15
			min M <sub>T</sub>	-0.76	0.00	-0.50	<b>-0.04</b>	-0.42	0.01	CO 2
			max M <sub>y</sub>	-0.53	0.00	-0.50	-0.01	<b>-0.42</b>	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-1.80	-0.01	-0.51	0.00	<b>-0.43</b>	0.02	CO 19
			max M <sub>z</sub>	-0.78	-0.01	-0.51	0.02	-0.42	<b>0.03</b>	CO 11
			min M <sub>z</sub>	61.06	0.09	-0.51	0.01	-0.42	<b>-0.29</b>	CO 14
	653	0.000	Max N	<b>62.32</b>	0.07	0.29	0.00	0.00	0.00	CO 8
	2	4.025	Min N	<b>-1.80</b>	-0.01	-0.51	0.00	-0.43	0.02	CO 19
	2	4.025	Max V <sub>y</sub>	61.06	<b>0.09</b>	-0.51	0.01	-0.42	-0.29	CO 14
	2	4.025	Min V <sub>y</sub>	-0.78	<b>-0.01</b>	-0.51	0.02	-0.42	0.03	CO 11
	653	0.000	Max V <sub>z</sub>	0.28	0.00	<b>0.30</b>	-0.01	0.00	0.00	CO 1
	2	4.025	Min V <sub>z</sub>	61.01	0.09	<b>-0.51</b>	-0.02	-0.43	-0.29	CO 12
	2	4.025	Max M <sub>T</sub>	-1.27	-0.01	-0.51	<b>0.04</b>	-0.43	0.03	CO 15
		1.421	Min M <sub>T</sub>	-0.24	0.00	0.01	<b>-0.04</b>	0.22	0.00	CO 2
		1.421	Max M <sub>y</sub>	-0.01	0.00	0.01	-0.01	<b>0.22</b>	0.00	CO 1
	2	4.025	Min M <sub>y</sub>	-1.80	-0.01	-0.51	0.00	<b>-0.43</b>	0.02	CO 19
	2	4.025	Max M <sub>z</sub>	-0.78	-0.01	-0.51	0.02	-0.42	<b>0.03</b>	CO 11
	2	4.025	Min M <sub>z</sub>	61.06	0.09	-0.51	0.01	-0.42	<b>-0.29</b>	CO 14
836	325	0.000	max N	<b>0.04</b>	0.01	0.30	-0.02	0.00	0.00	CO 9
			min N	<b>-66.48</b>	-0.07	0.31	0.11	0.00	0.00	CO 12
			max V <sub>y</sub>	-0.52	<b>0.01</b>	0.30	0.02	0.00	0.00	CO 11
			min V <sub>y</sub>	-65.75	<b>-0.07</b>	0.31	0.07	0.00	0.00	CO 14
			max V <sub>z</sub>	-66.48	-0.07	<b>0.31</b>	0.11	0.00	0.00	CO 12
			min V <sub>z</sub>	0.04	0.01	<b>0.30</b>	-0.02	0.00	0.00	CO 9
			max M <sub>T</sub>	-65.74	-0.07	0.31	<b>0.12</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	-0.43	0.01	0.30	<b>-0.02</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	-66.48	-0.07	0.31	0.11	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-1.50	0.01	0.30	0.04	<b>0.00</b>	0.00	CO 4
			max M <sub>z</sub>	-0.43	0.01	0.30	-0.02	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	-2.97	0.00	0.30	0.06	0.00	<b>0.00</b>	CO 2
	2	4.094	max N	<b>0.87</b>	0.00	-0.50	-0.02	-0.42	-0.02	CO 9
			min N	<b>-65.64</b>	-0.05	-0.50	0.11	-0.41	0.27	CO 12
			max V <sub>y</sub>	0.32	<b>0.01</b>	-0.50	0.02	-0.41	-0.03	CO 11
			min V <sub>y</sub>	-64.91	<b>-0.05</b>	-0.50	0.07	-0.41	0.27	CO 14
			max V <sub>z</sub>	-2.81	0.00	<b>-0.50</b>	0.06	-0.40	-0.01	CO 17
			min V <sub>z</sub>	0.87	0.00	<b>-0.50</b>	-0.02	-0.42	-0.02	CO 9
			max M <sub>T</sub>	-64.90	-0.05	-0.50	<b>0.12</b>	-0.41	0.26	CO 10
			min M <sub>T</sub>	0.40	0.00	-0.50	<b>-0.02</b>	-0.41	-0.02	CO 15
			max M <sub>y</sub>	-2.81	0.00	-0.50	0.06	<b>-0.40</b>	-0.01	CO 17
			min M <sub>y</sub>	0.87	0.00	-0.50	-0.02	<b>-0.42</b>	-0.02	CO 9
			max M <sub>z</sub>	-64.91	-0.05	-0.50	0.07	-0.41	<b>0.27</b>	CO 14
			min M <sub>z</sub>	0.32	0.01	-0.50	0.02	-0.41	<b>-0.03</b>	CO 11
	2	4.094	Max N	<b>0.87</b>	0.00	-0.50	-0.02	-0.42	-0.02	CO 9
	325	0.000	Min N	<b>-66.48</b>	-0.07	0.31	0.11	0.00	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	325	0.000	Max V <sub>y</sub>	-0.52	<b>0.01</b>	0.30	0.02	0.00	0.00	CO 11
	325	0.000	Min V <sub>y</sub>	-65.75	<b>-0.07</b>	0.31	0.07	0.00	0.00	CO 14
	325	0.000	Max V <sub>z</sub>	-66.48	-0.07	<b>0.31</b>	0.11	0.00	0.00	CO 12
	2	4.094	Min V <sub>z</sub>	0.87	0.00	<b>-0.50</b>	-0.02	-0.42	-0.02	CO 9
	325	0.000	Max M <sub>T</sub>	-65.74	-0.07	0.31	<b>0.12</b>	0.00	0.00	CO 10
	2	4.094	Min M <sub>T</sub>	0.40	0.00	-0.50	<b>-0.02</b>	-0.41	-0.02	CO 15
		1.445	Max M <sub>y</sub>	-66.19	-0.07	0.02	0.11	<b>0.24</b>	0.10	CO 12
	2	4.094	Min M <sub>y</sub>	0.87	0.00	-0.50	-0.02	<b>-0.42</b>	-0.02	CO 9
	2	4.094	Max M <sub>z</sub>	-64.91	-0.05	-0.50	0.07	-0.41	<b>0.27</b>	CO 14
	2	4.094	Min M <sub>z</sub>	0.32	0.01	-0.50	0.02	-0.41	<b>-0.03</b>	CO 11
916	771	0.000	max N	<b>0.39</b>	-5.13	-0.01	0.00	0.00	0.00	CO 9
			min N	<b>-4.38</b>	-0.20	0.05	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	0.13	<b>1.08</b>	-5.13	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-1.87	<b>-5.31</b>	0.01	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	-4.38	-0.20	<b>0.05</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-1.94	0.97	<b>-5.16</b>	0.00	0.00	0.00	CO 14
			max M <sub>T</sub>	0.13	1.08	-5.13	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-3.40	-3.32	0.03	<b>0.00</b>	0.00	0.00	CO 19
			max M <sub>y</sub>	-1.22	-0.02	0.02	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-1.87	-5.31	0.01	0.00	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	0.13	1.08	-5.13	0.00	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-1.22	-0.02	0.02	0.00	0.00	<b>0.00</b>	CO 1
		0.900	max N	<b>-1.08</b>	-4.42	-0.01	0.00	-0.01	4.30	CO 9
			min N	<b>-5.85</b>	-0.20	0.05	0.00	0.04	0.18	CO 17
			max V <sub>y</sub>	-1.34	<b>3.13</b>	-3.47	0.00	-3.87	-1.89	CO 8
			min V <sub>y</sub>	-3.34	<b>-4.61</b>	0.01	0.00	0.01	4.46	CO 13
			max V <sub>z</sub>	-5.85	-0.20	<b>0.05</b>	0.00	0.04	0.18	CO 17
			min V <sub>z</sub>	-3.41	3.02	<b>-3.49</b>	0.00	-3.89	-1.79	CO 14
			max M <sub>T</sub>	-4.84	1.70	-2.08	<b>0.00</b>	-2.33	-0.98	CO 20
			min M <sub>T</sub>	-5.85	-0.20	0.05	<b>0.00</b>	0.04	0.18	CO 17
			max M <sub>y</sub>	-5.85	-0.20	0.05	0.00	<b>0.04</b>	0.18	CO 17
			min M <sub>y</sub>	-3.41	3.02	-3.49	0.00	<b>-3.89</b>	-1.79	CO 14
			max M <sub>z</sub>	-3.34	-4.61	0.01	0.00	0.01	<b>4.46</b>	CO 13
			min M <sub>z</sub>	-1.34	3.13	-3.47	0.00	-3.87	<b>-1.89</b>	CO 8
			max N	<b>0.49</b>	-3.68	0.91	0.00	-3.79	-1.89	CO 8
			min N	<b>-23.34</b>	0.09	-0.02	-0.01	0.06	0.18	CO 17
			max V <sub>y</sub>	-16.83	<b>2.42</b>	0.00	-0.01	0.02	4.47	CO 13
			min V <sub>y</sub>	0.49	<b>-3.68</b>	0.91	0.00	-3.79	-1.89	CO 8
			max V <sub>z</sub>	-10.83	-3.63	<b>0.91</b>	-0.01	-3.80	-1.79	CO 14
			min V <sub>z</sub>	-23.34	0.09	<b>-0.02</b>	-0.01	0.06	0.18	CO 17
			max M <sub>T</sub>	-6.48	0.01	-0.01	<b>0.00</b>	0.02	0.02	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-19.14	-2.13	0.54	<b>-0.01</b>	-2.26	-0.98	CO 18
			max M <sub>y</sub>	-23.34	0.09	-0.02	-0.01	<b>0.06</b>	0.18	CO 17
			min M <sub>y</sub>	-10.83	-3.63	0.91	-0.01	<b>-3.80</b>	-1.79	CO 14
			max M <sub>z</sub>	-16.83	2.42	0.00	-0.01	0.02	<b>4.47</b>	CO 13
			min M <sub>z</sub>	0.49	-3.68	0.91	0.00	-3.79	<b>-1.89</b>	CO 8
	764	3.900	max N	<b>-4.41</b>	3.15	6.45	0.00	7.26	-1.09	CO 8
			min N	<b>-28.24</b>	0.09	-0.02	-0.01	-0.01	-0.10	CO 17
			max V <sub>y</sub>	-21.73	<b>4.75</b>	0.00	0.00	0.03	-6.39	CO 13
			min V <sub>y</sub>	-11.37	<b>0.01</b>	-0.01	0.00	0.00	-0.01	CO 1
			max V <sub>z</sub>	-4.41	3.15	<b>6.45</b>	0.00	7.26	-1.09	CO 8
			min V <sub>z</sub>	-28.24	0.09	<b>-0.02</b>	-0.01	-0.01	-0.10	CO 17
			max M <sub>T</sub>	-9.70	4.68	0.01	<b>0.00</b>	0.03	-6.26	CO 9
			min M <sub>T</sub>	-24.04	1.97	3.85	<b>-0.01</b>	4.39	-0.75	CO 18
			max M <sub>y</sub>	-15.73	3.20	6.44	-0.01	<b>7.30</b>	-1.15	CO 14
			min M <sub>y</sub>	-12.04	0.01	-0.01	0.00	<b>-0.01</b>	-0.01	CO 2
			max M <sub>z</sub>	-11.37	0.01	-0.01	0.00	0.00	<b>-0.01</b>	CO 1
			min M <sub>z</sub>	-21.73	4.75	0.00	0.00	0.03	<b>-6.39</b>	CO 13
		0.900	Max N	<b>0.49</b>	-3.68	0.91	0.00	-3.79	-1.89	CO 8
	764	3.900	Min N	<b>-28.24</b>	0.09	-0.02	-0.01	-0.01	-0.10	CO 17
	764	3.900	Max V <sub>y</sub>	-21.73	<b>4.75</b>	0.00	0.00	0.03	-6.39	CO 13
	771	0.000	Min V <sub>y</sub>	-1.87	<b>-5.31</b>	0.01	0.00	0.00	0.00	CO 13
	764	3.900	Max V <sub>z</sub>	-4.41	3.15	<b>6.45</b>	0.00	7.26	-1.09	CO 8
	771	0.000	Min V <sub>z</sub>	-1.94	0.97	<b>-5.16</b>	0.00	0.00	0.00	CO 14
		0.675	Max M <sub>T</sub>	-3.04	2.50	-3.91	<b>0.00</b>	-3.06	-1.17	CO 14
	764	3.900	Min M <sub>T</sub>	-24.04	1.97	3.85	<b>-0.01</b>	4.39	-0.75	CO 18
	764	3.900	Max M <sub>y</sub>	-15.73	3.20	6.44	-0.01	<b>7.30</b>	-1.15	CO 14
		0.900	Min M <sub>y</sub>	-3.41	3.02	-3.49	0.00	<b>-3.89</b>	-1.79	CO 14
		0.900	Max M <sub>z</sub>	-16.83	2.42	0.00	-0.01	0.02	<b>4.47</b>	CO 13
	764	3.900	Min M <sub>z</sub>	-21.73	4.75	0.00	0.00	0.03	<b>-6.39</b>	CO 13
917	770	0.000	max N	<b>0.39</b>	-5.13	0.01	0.00	0.00	0.00	CO 9
			min N	<b>-4.38</b>	-0.20	-0.05	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.43	<b>1.11</b>	-5.24	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-1.87	<b>-5.31</b>	-0.01	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	0.39	-5.13	<b>0.01</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-2.70	1.00	<b>-5.30</b>	0.00	0.00	0.00	CO 12
			max M <sub>T</sub>	-2.70	1.00	-5.30	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-1.22	-0.02	-0.02	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-1.87	-5.31	-0.01	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-0.63	1.11	-5.24	0.00	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	-2.70	1.00	-5.30	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-1.22	-0.02	-0.02	0.00	0.00	<b>0.00</b>	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		0.900	max N	<b>-1.08</b>	-4.42	0.01	0.00	0.01	4.30	CO 9
			min N	<b>-5.85</b>	-0.20	-0.05	0.00	-0.04	0.18	CO 17
			max V <sub>y</sub>	-1.91	<b>3.16</b>	-4.18	0.00	-4.24	-1.92	CO 8
			min V <sub>y</sub>	-3.34	<b>-4.61</b>	-0.01	0.00	-0.01	4.47	CO 13
			max V <sub>z</sub>	-1.08	-4.42	<b>0.01</b>	0.00	0.01	4.30	CO 9
			min V <sub>z</sub>	-4.17	3.04	<b>-4.24</b>	0.00	-4.30	-1.82	CO 12
			max M <sub>T</sub>	-5.37	1.72	-2.58	<b>0.00</b>	-2.61	-0.99	CO 18
			min M <sub>T</sub>	-1.91	3.16	-4.18	<b>0.00</b>	-4.24	-1.92	CO 8
			max M <sub>y</sub>	-1.08	-4.42	0.01	0.00	<b>0.01</b>	4.30	CO 9
			min M <sub>y</sub>	-4.17	3.04	-4.24	0.00	<b>-4.30</b>	-1.82	CO 12
			max M <sub>z</sub>	-3.34	-4.61	-0.01	0.00	-0.01	<b>4.47</b>	CO 13
			min M <sub>z</sub>	-1.91	3.16	-4.18	0.00	-4.24	<b>-1.92</b>	CO 8
			max N	<b>-5.51</b>	-3.71	1.85	0.00	-4.16	-1.92	CO 8
			min N	<b>-24.25</b>	0.09	0.02	0.01	-0.06	0.18	CO 17
			max V <sub>y</sub>	-17.75	<b>2.42</b>	0.00	0.01	-0.02	4.47	CO 13
			min V <sub>y</sub>	-5.51	<b>-3.71</b>	1.85	0.00	-4.16	-1.92	CO 8
			max V <sub>z</sub>	-17.61	-3.66	<b>1.87</b>	0.00	-4.23	-1.82	CO 12
			min V <sub>z</sub>	-5.64	2.34	<b>-0.01</b>	0.00	0.01	4.30	CO 9
			max M <sub>T</sub>	-24.25	0.09	0.02	<b>0.01</b>	-0.06	0.18	CO 17
			min M <sub>T</sub>	-5.51	-3.71	1.85	<b>0.00</b>	-4.16	-1.92	CO 8
			max M <sub>y</sub>	-5.64	2.34	-0.01	0.00	<b>0.01</b>	4.30	CO 9
			min M <sub>y</sub>	-17.61	-3.66	1.87	0.00	<b>-4.23</b>	-1.82	CO 12
			max M <sub>z</sub>	-17.75	2.42	0.00	0.01	-0.02	<b>4.47</b>	CO 13
			min M <sub>z</sub>	-5.51	-3.71	1.85	0.00	-4.16	<b>-1.92</b>	CO 8
	708	3.900	max N	<b>-10.41</b>	3.11	5.36	0.00	6.68	-1.02	CO 8
			min N	<b>-29.15</b>	0.09	0.02	0.01	0.01	-0.10	CO 17
			max V <sub>y</sub>	-22.65	<b>4.75</b>	0.00	0.01	-0.03	-6.39	CO 13
			min V <sub>y</sub>	-12.18	<b>0.01</b>	0.01	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-22.51	3.17	<b>5.37</b>	0.00	6.74	-1.08	CO 12
			min V <sub>z</sub>	-10.54	4.68	<b>-0.01</b>	0.00	-0.03	-6.26	CO 9
			max M <sub>T</sub>	-29.15	0.09	0.02	<b>0.01</b>	0.01	-0.10	CO 17
			min M <sub>T</sub>	-10.41	3.11	5.36	<b>0.00</b>	6.68	-1.02	CO 8
			max M <sub>y</sub>	-22.51	3.17	5.37	0.00	<b>6.74</b>	-1.08	CO 12
			min M <sub>y</sub>	-21.98	4.75	-0.01	0.00	<b>-0.03</b>	-6.38	CO 15
			max M <sub>z</sub>	-12.18	0.01	0.01	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-22.65	4.75	0.00	0.01	-0.03	<b>-6.39</b>	CO 13
	770	0.000	Max N	<b>0.39</b>	-5.13	0.01	0.00	0.00	0.00	CO 9
	708	3.900	Min N	<b>-29.15</b>	0.09	0.02	0.01	0.01	-0.10	CO 17
	708	3.900	Max V <sub>y</sub>	-22.65	<b>4.75</b>	0.00	0.01	-0.03	-6.39	CO 13
	770	0.000	Min V <sub>y</sub>	-1.87	<b>-5.31</b>	-0.01	0.00	0.00	0.00	CO 13
	708	3.900	Max V <sub>z</sub>	-22.51	3.17	<b>5.37</b>	0.00	6.74	-1.08	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	770	0.000	Min V <sub>z</sub>	-2.70	1.00	<b>-5.30</b>	0.00	0.00	0.00	CO 12
		2.400	Max M <sub>T</sub>	-25.74	2.25	0.01	<b>0.01</b>	-0.03	-0.03	CO 19
		0.900	Min M <sub>T</sub>	-5.51	-3.71	1.85	<b>0.00</b>	-4.16	-1.92	CO 8
	708	3.900	Max M <sub>y</sub>	-22.51	3.17	5.37	0.00	<b>6.74</b>	-1.08	CO 12
		0.900	Min M <sub>y</sub>	-4.17	3.04	-4.24	0.00	<b>-4.30</b>	-1.82	CO 12
		0.900	Max M <sub>z</sub>	-17.75	2.42	0.00	0.01	-0.02	<b>4.47</b>	CO 13
	708	3.900	Min M <sub>z</sub>	-22.65	4.75	0.00	0.01	-0.03	<b>-6.39</b>	CO 13
918	772	0.000	max N	<b>0.26</b>	-3.71	-0.01	0.00	0.00	0.00	CO 9
			min N	<b>-12.01</b>	0.15	-0.07	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-8.03	<b>1.04</b>	-4.48	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	0.26	<b>-3.71</b>	-0.01	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-1.21	0.02	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-8.03	1.04	<b>-4.48</b>	0.00	0.00	0.00	CO 12
			max M <sub>T</sub>	-7.83	1.04	-4.48	<b>0.00</b>	0.00	0.00	CO 14
			min M <sub>T</sub>	-1.40	0.02	0.00	<b>0.00</b>	0.00	0.00	CO 2
			max M <sub>y</sub>	-7.16	-3.66	-0.06	0.00	<b>0.00</b>	0.00	CO 15
			min M <sub>y</sub>	-7.83	1.04	-4.48	0.00	<b>0.00</b>	0.00	CO 14
			max M <sub>z</sub>	-7.83	1.04	-4.48	0.00	0.00	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-1.21	0.02	0.00	0.00	0.00	<b>0.00</b>	CO 1
		1.300	max N	<b>-1.87</b>	-1.37	-0.01	0.00	-0.01	3.30	CO 9
			min N	<b>-14.13</b>	0.15	-0.07	0.00	-0.09	-0.19	CO 17
			max V <sub>y</sub>	-14.13	<b>0.15</b>	-0.07	0.00	-0.09	-0.19	CO 17
			min V <sub>y</sub>	-2.54	<b>-2.01</b>	-2.84	0.00	-4.69	0.69	CO 8
			max V <sub>z</sub>	-3.33	0.02	<b>0.00</b>	0.00	0.00	-0.02	CO 1
			min V <sub>z</sub>	-10.16	-1.91	<b>-2.94</b>	0.00	-4.83	0.56	CO 12
			max M <sub>T</sub>	-2.54	-2.01	-2.84	<b>0.00</b>	-4.69	0.69	CO 8
			min M <sub>T</sub>	-3.53	0.02	0.00	<b>0.00</b>	-0.01	-0.03	CO 2
			max M <sub>y</sub>	-3.33	0.02	0.00	0.00	<b>0.00</b>	-0.02	CO 1
			min M <sub>y</sub>	-10.16	-1.91	-2.94	0.00	<b>-4.83</b>	0.56	CO 12
			max M <sub>z</sub>	-1.87	-1.37	-0.01	0.00	-0.01	<b>3.30</b>	CO 9
			min M <sub>z</sub>	-14.13	0.15	-0.07	0.00	-0.09	<b>-0.19</b>	CO 17
			max N	<b>-1.73</b>	0.70	0.01	0.00	-0.01	3.31	CO 9
			min N	<b>-39.29</b>	-0.09	0.04	-0.01	-0.11	-0.19	CO 17
			max V <sub>y</sub>	-7.79	<b>2.80</b>	2.41	0.00	-4.78	0.68	CO 8
			min V <sub>y</sub>	-39.29	<b>-0.09</b>	0.04	-0.01	-0.11	-0.19	CO 17
			max V <sub>z</sub>	-29.96	2.75	<b>2.47</b>	-0.01	-4.93	0.56	CO 12
			min V <sub>z</sub>	-7.97	-0.01	<b>0.00</b>	0.00	-0.01	-0.03	CO 1
			max M <sub>T</sub>	-1.73	0.70	0.01	<b>0.00</b>	-0.01	3.31	CO 9
			min M <sub>T</sub>	-39.22	1.60	1.52	<b>-0.01</b>	-3.04	0.23	CO 18
			max M <sub>y</sub>	-7.97	-0.01	0.00	0.00	<b>-0.01</b>	-0.03	CO 1
			min M <sub>y</sub>	-29.96	2.75	2.47	-0.01	<b>-4.93</b>	0.56	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-1.73	0.70	0.01	0.00	-0.01	<b>3.31</b>	CO 9
			min M <sub>z</sub>	-39.29	-0.09	0.04	-0.01	-0.11	<b>-0.19</b>	CO 17
	637	4.300	max N	<b>-6.63</b>	6.08	0.01	0.00	0.03	-6.90	CO 9
			min N	<b>-44.19</b>	-0.09	0.05	-0.01	0.03	0.09	CO 17
			max V <sub>y</sub>	-6.63	<b>6.08</b>	0.01	0.00	0.03	-6.90	CO 9
			min V <sub>y</sub>	-34.86	<b>-4.09</b>	5.95	-0.01	7.90	2.60	CO 12
			max V <sub>z</sub>	-34.86	-4.09	<b>5.95</b>	-0.01	7.90	2.60	CO 12
			min V <sub>z</sub>	-12.87	-0.01	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	-6.63	6.08	0.01	<b>0.00</b>	0.03	-6.90	CO 9
			min M <sub>T</sub>	-34.86	-4.09	5.95	<b>-0.01</b>	7.90	2.60	CO 12
			max M <sub>y</sub>	-34.86	-4.09	5.95	-0.01	<b>7.90</b>	2.60	CO 12
			min M <sub>y</sub>	-12.87	-0.01	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-34.86	-4.09	5.95	-0.01	7.90	<b>2.60</b>	CO 12
			min M <sub>z</sub>	-6.63	6.08	0.01	0.00	0.03	<b>-6.90</b>	CO 9
	772	0.000	Max N	<b>0.26</b>	-3.71	-0.01	0.00	0.00	0.00	CO 9
	637	4.300	Min N	<b>-44.19</b>	-0.09	0.05	-0.01	0.03	0.09	CO 17
	637	4.300	Max V <sub>y</sub>	-6.63	<b>6.08</b>	0.01	0.00	0.03	-6.90	CO 9
	637	4.300	Min V <sub>y</sub>	-34.86	<b>-4.09</b>	5.95	-0.01	7.90	2.60	CO 12
	637	4.300	Max V <sub>z</sub>	-34.86	-4.09	<b>5.95</b>	-0.01	7.90	2.60	CO 12
	772	0.000	Min V <sub>z</sub>	-8.03	1.04	<b>-4.48</b>	0.00	0.00	0.00	CO 12
	637	4.300	Max M <sub>T</sub>	-6.63	6.08	0.01	<b>0.00</b>	0.03	-6.90	CO 9
		2.685	Min M <sub>T</sub>	-32.21	-0.42	4.17	<b>-0.01</b>	-0.32	-1.05	CO 12
	637	4.300	Max M <sub>y</sub>	-34.86	-4.09	5.95	-0.01	<b>7.90</b>	2.60	CO 12
		1.300	Min M <sub>y</sub>	-29.96	2.75	2.47	-0.01	<b>-4.93</b>	0.56	CO 12
		1.300	Max M <sub>z</sub>	-1.73	0.70	0.01	0.00	-0.01	<b>3.31</b>	CO 9
	637	4.300	Min M <sub>z</sub>	-6.63	6.08	0.01	0.00	0.03	<b>-6.90</b>	CO 9
919	773	0.000	max N	<b>0.26</b>	-3.71	0.01	0.00	0.00	0.00	CO 9
			min N	<b>-12.01</b>	0.15	0.07	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-7.47	<b>1.06</b>	-4.55	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	0.26	<b>-3.71</b>	0.01	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-11.12	-2.12	<b>0.08</b>	0.00	0.00	0.00	CO 19
			min V <sub>z</sub>	-7.47	1.06	<b>-4.55</b>	0.00	0.00	0.00	CO 12
			max M <sub>T</sub>	-0.05	0.97	-4.53	<b>0.00</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	-10.93	-2.12	0.07	<b>0.00</b>	0.00	0.00	CO 21
			max M <sub>y</sub>	-11.82	0.15	0.07	0.00	<b>0.00</b>	0.00	CO 16
			min M <sub>y</sub>	-7.16	-3.66	0.06	0.00	<b>0.00</b>	0.00	CO 15
			max M <sub>z</sub>	-0.05	0.97	-4.53	0.00	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	-1.21	0.02	0.00	0.00	0.00	<b>0.00</b>	CO 1
		1.300	max N	<b>-1.87</b>	-1.37	0.01	0.00	0.01	3.30	CO 9
			min N	<b>-14.13</b>	0.15	0.07	0.00	0.09	-0.19	CO 17
			max V <sub>y</sub>	-14.13	<b>0.15</b>	0.07	0.00	0.09	-0.19	CO 17



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-1.98	<b>-1.99</b>	-2.13	0.00	-4.33	0.66	CO 8
			max V <sub>z</sub>	-13.25	-0.71	<b>0.08</b>	0.00	0.10	1.85	CO 19
			min V <sub>z</sub>	-9.60	-1.90	<b>-2.14</b>	0.00	-4.35	0.54	CO 12
			max M <sub>T</sub>	-2.17	-1.99	-2.13	<b>0.00</b>	-4.33	0.66	CO 10
			min M <sub>T</sub>	-13.94	0.15	0.07	<b>0.00</b>	0.09	-0.19	CO 16
			max M <sub>y</sub>	-13.25	-0.71	0.08	0.00	<b>0.10</b>	1.85	CO 19
			min M <sub>y</sub>	-9.60	-1.90	-2.14	0.00	<b>-4.35</b>	0.54	CO 12
			max M <sub>z</sub>	-1.87	-1.37	0.01	0.00	0.01	<b>3.30</b>	CO 9
			min M <sub>z</sub>	-14.13	0.15	0.07	0.00	0.09	<b>-0.19</b>	CO 17
			max N	<b>-0.75</b>	2.77	1.49	0.00	-4.42	0.67	CO 8
			min N	<b>-38.00</b>	-0.09	-0.04	0.01	0.10	-0.19	CO 17
			max V <sub>y</sub>	-0.75	<b>2.77</b>	1.49	0.00	-4.42	0.67	CO 8
			min V <sub>y</sub>	-38.00	<b>-0.09</b>	-0.04	0.01	0.10	-0.19	CO 17
			max V <sub>z</sub>	-21.85	2.72	<b>1.49</b>	0.00	-4.43	0.55	CO 14
			min V <sub>z</sub>	-34.32	0.34	<b>-0.05</b>	0.00	0.11	1.85	CO 19
			max M <sub>T</sub>	-38.00	-0.09	-0.04	<b>0.01</b>	0.10	-0.19	CO 17
			min M <sub>T</sub>	-0.75	2.77	1.49	<b>0.00</b>	-4.42	0.67	CO 8
			max M <sub>y</sub>	-34.32	0.34	-0.05	0.00	<b>0.11</b>	1.85	CO 19
			min M <sub>y</sub>	-22.51	2.71	1.48	0.00	<b>-4.43</b>	0.54	CO 12
			max M <sub>z</sub>	-1.05	0.70	-0.01	0.00	0.01	<b>3.30</b>	CO 9
			min M <sub>z</sub>	-38.00	-0.09	-0.04	0.01	0.10	<b>-0.19</b>	CO 17
	762	4.300	max N	<b>-5.65</b>	-4.06	7.02	0.00	8.37	2.60	CO 8
			min N	<b>-42.90</b>	-0.09	-0.05	0.01	-0.03	0.09	CO 17
			max V <sub>y</sub>	-5.95	<b>6.09</b>	-0.01	0.00	-0.03	-6.90	CO 9
			min V <sub>y</sub>	-27.41	<b>-4.12</b>	7.00	0.00	8.44	2.67	CO 12
			max V <sub>z</sub>	-5.65	-4.06	<b>7.02</b>	0.00	8.37	2.60	CO 8
			min V <sub>z</sub>	-39.22	3.55	<b>-0.05</b>	0.00	-0.05	-4.10	CO 19
			max M <sub>T</sub>	-42.90	-0.09	-0.05	<b>0.01</b>	-0.03	0.09	CO 17
			min M <sub>T</sub>	-5.65	-4.06	7.02	<b>0.00</b>	8.37	2.60	CO 8
			max M <sub>y</sub>	-26.75	-4.11	7.00	0.00	<b>8.45</b>	2.67	CO 14
			min M <sub>y</sub>	-27.72	6.02	-0.05	0.00	<b>-0.06</b>	-6.89	CO 13
			max M <sub>z</sub>	-27.41	-4.12	7.00	0.00	8.44	<b>2.67</b>	CO 12
			min M <sub>z</sub>	-5.95	6.09	-0.01	0.00	-0.03	<b>-6.90</b>	CO 9
	773	0.000	Max N	<b>0.26</b>	-3.71	0.01	0.00	0.00	0.00	CO 9
	762	4.300	Min N	<b>-42.90</b>	-0.09	-0.05	0.01	-0.03	0.09	CO 17
	762	4.300	Max V <sub>y</sub>	-5.95	<b>6.09</b>	-0.01	0.00	-0.03	-6.90	CO 9
	762	4.300	Min V <sub>y</sub>	-27.41	<b>-4.12</b>	7.00	0.00	8.44	2.67	CO 12
	762	4.300	Max V <sub>z</sub>	-5.65	-4.06	<b>7.02</b>	0.00	8.37	2.60	CO 8
	773	0.000	Min V <sub>z</sub>	-7.47	1.06	<b>-4.55</b>	0.00	0.00	0.00	CO 12
		2.454	Max M <sub>T</sub>	-39.88	-0.09	-0.05	<b>0.01</b>	0.05	-0.09	CO 17
		2.685	Min M <sub>T</sub>	-3.00	-0.38	4.05	<b>-0.01</b>	-0.58	-0.99	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	762	4.300	Max M <sub>y</sub>	-26.75	-4.11	7.00	0.00	<b>8.45</b>	2.67	CO 14
		1.300	Min M <sub>y</sub>	-22.51	2.71	1.48	0.00	<b>-4.43</b>	0.54	CO 12
		1.300	Max M <sub>z</sub>	-1.05	0.70	-0.01	0.00	0.01	<b>3.30</b>	CO 9
	762	4.300	Min M <sub>z</sub>	-5.95	6.09	-0.01	0.00	-0.03	<b>-6.90</b>	CO 9
920	771	0.000	max N	<b>5.19</b>	0.00	1.43	0.00	0.00	0.00	CO 15
			min N	<b>-1.12</b>	0.00	1.50	0.00	0.00	0.00	CO 12
			max V <sub>y</sub>	-1.09	<b>0.00</b>	0.05	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-0.70	<b>0.00</b>	2.35	0.00	0.00	0.00	CO 18
			max V <sub>z</sub>	-0.07	0.00	<b>2.75</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-1.09	0.00	<b>0.05</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	5.14	0.00	0.09	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-1.12	0.00	1.50	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-1.09	0.00	0.05	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	5.19	0.00	1.53	0.00	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	3.10	0.00	2.36	0.00	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	-1.09	0.00	0.05	0.00	0.00	<b>0.00</b>	CO 8
		1.030	max N	<b>5.23</b>	0.00	1.09	0.00	1.29	0.00	CO 15
			min N	<b>-1.08</b>	0.00	1.16	0.00	1.37	0.00	CO 12
			max V <sub>y</sub>	-1.06	<b>0.00</b>	-0.29	0.00	-0.12	0.00	CO 8
			min V <sub>y</sub>	-0.67	<b>0.00</b>	2.00	0.00	2.24	0.00	CO 18
			max V <sub>z</sub>	-0.03	0.00	<b>2.41</b>	0.00	2.66	0.00	CO 17
			min V <sub>z</sub>	-1.06	0.00	<b>-0.29</b>	0.00	-0.12	0.00	CO 8
			max M <sub>T</sub>	5.18	0.00	-0.26	<b>0.00</b>	-0.09	0.00	CO 9
			min M <sub>T</sub>	-1.08	0.00	1.16	<b>0.00</b>	1.37	0.00	CO 12
			max M <sub>y</sub>	-0.03	0.00	2.41	0.00	<b>2.66</b>	0.00	CO 17
			min M <sub>y</sub>	-1.06	0.00	-0.29	0.00	<b>-0.12</b>	0.00	CO 8
			max M <sub>z</sub>	-0.03	0.00	2.41	0.00	2.66	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-1.06	0.00	-0.29	0.00	-0.12	<b>0.00</b>	CO 8
			max N	<b>5.66</b>	0.00	-3.37	0.00	1.40	0.00	CO 13
			min N	<b>-1.13</b>	0.00	0.43	0.00	-0.12	0.00	CO 8
			max V <sub>y</sub>	0.03	<b>0.01</b>	-5.24	0.00	2.24	0.00	CO 18
			min V <sub>y</sub>	0.11	<b>0.00</b>	-0.90	0.00	0.58	0.00	CO 1
			max V <sub>z</sub>	-1.13	0.00	<b>0.43</b>	0.00	-0.12	0.00	CO 8
			min V <sub>z</sub>	0.79	0.01	<b>-6.04</b>	0.01	2.66	0.00	CO 17
			max M <sub>T</sub>	0.79	0.01	-6.04	<b>0.01</b>	2.66	0.00	CO 17
			min M <sub>T</sub>	-1.13	0.00	0.43	<b>0.00</b>	-0.12	0.00	CO 8
			max M <sub>y</sub>	0.79	0.01	-6.04	0.01	<b>2.66</b>	0.00	CO 17
			min M <sub>y</sub>	-1.13	0.00	0.43	0.00	<b>-0.12</b>	0.00	CO 8
			max M <sub>z</sub>	0.79	0.01	-6.04	0.01	2.66	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-1.13	0.00	0.43	0.00	-0.12	<b>0.00</b>	CO 8
		2.060	max N	<b>5.70</b>	0.00	-3.71	0.00	-2.24	0.00	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-1.09</b>	0.00	0.09	0.00	0.14	0.00	CO 8
			max V <sub>y</sub>	-0.62	<b>0.01</b>	-3.57	0.00	-2.13	0.00	CO 12
			min V <sub>y</sub>	0.17	<b>0.00</b>	-1.43	0.00	-0.62	0.00	CO 2
			max V <sub>z</sub>	-1.09	0.00	<b>0.09</b>	0.00	0.14	0.00	CO 8
			min V <sub>z</sub>	0.82	0.00	<b>-6.38</b>	0.01	-3.74	0.00	CO 17
			max M <sub>T</sub>	0.82	0.00	-6.38	<b>0.01</b>	-3.74	0.00	CO 17
			min M <sub>T</sub>	-1.09	0.00	0.09	<b>0.00</b>	0.14	0.00	CO 8
			max M <sub>y</sub>	-1.09	0.00	0.09	0.00	<b>0.14</b>	0.00	CO 8
			min M <sub>y</sub>	0.82	0.00	-6.38	0.01	<b>-3.74</b>	0.00	CO 17
			max M <sub>z</sub>	0.17	0.00	-1.43	0.00	-0.62	<b>0.00</b>	CO 2
			min M <sub>z</sub>	-0.65	0.00	-3.38	0.00	-2.04	<b>0.00</b>	CO 14
			max N	<b>0.98</b>	0.00	-0.09	0.00	0.14	0.01	CO 8
			min N	<b>-4.26</b>	0.00	6.04	-0.01	-2.24	0.00	CO 13
			max V <sub>y</sub>	0.98	<b>0.00</b>	-0.09	0.00	0.14	0.01	CO 8
			min V <sub>y</sub>	-0.14	<b>0.00</b>	8.92	-0.01	-3.34	0.00	CO 18
			max V <sub>z</sub>	-0.80	0.00	<b>9.71</b>	-0.01	-3.74	0.00	CO 17
			min V <sub>z</sub>	0.98	0.00	<b>-0.09</b>	0.00	0.14	0.01	CO 8
			max M <sub>T</sub>	0.98	0.00	-0.09	<b>0.00</b>	0.14	0.01	CO 8
			min M <sub>T</sub>	-0.80	0.00	9.71	<b>-0.01</b>	-3.74	0.00	CO 17
			max M <sub>y</sub>	0.98	0.00	-0.09	0.00	<b>0.14</b>	0.01	CO 8
			min M <sub>y</sub>	-0.80	0.00	9.71	-0.01	<b>-3.74</b>	0.00	CO 17
			max M <sub>z</sub>	0.98	0.00	-0.09	0.00	0.14	<b>0.01</b>	CO 8
			min M <sub>z</sub>	-0.80	0.00	9.71	-0.01	-3.74	<b>0.00</b>	CO 17
		3.090	max N	<b>1.01</b>	0.00	-0.43	0.00	-0.12	0.00	CO 8
			min N	<b>-4.23</b>	0.00	5.70	-0.01	3.81	0.00	CO 13
			max V <sub>y</sub>	1.01	<b>0.00</b>	-0.43	0.00	-0.12	0.00	CO 8
			min V <sub>y</sub>	-0.77	<b>-0.02</b>	9.37	-0.01	6.09	0.01	CO 17
			max V <sub>z</sub>	-0.77	-0.02	<b>9.37</b>	-0.01	6.09	0.01	CO 17
			min V <sub>z</sub>	1.01	0.00	<b>-0.43</b>	0.00	-0.12	0.00	CO 8
			max M <sub>T</sub>	1.01	0.00	-0.43	<b>0.00</b>	-0.12	0.00	CO 8
			min M <sub>T</sub>	-0.77	-0.02	9.37	<b>-0.01</b>	6.09	0.01	CO 17
			max M <sub>y</sub>	-0.77	-0.02	9.37	-0.01	<b>6.09</b>	0.01	CO 17
			min M <sub>y</sub>	1.01	0.00	-0.43	0.00	<b>-0.12</b>	0.00	CO 8
			max M <sub>z</sub>	-0.12	-0.02	8.57	-0.01	5.67	<b>0.01</b>	CO 18
			min M <sub>z</sub>	-3.71	0.00	-0.10	0.00	0.02	<b>0.00</b>	CO 11
			max N	<b>1.41</b>	0.01	-3.49	0.00	3.77	0.01	CO 12
			min N	<b>-3.75</b>	0.00	0.26	0.00	-0.09	0.00	CO 9
			max V <sub>y</sub>	1.24	<b>0.01</b>	-5.34	0.00	5.67	0.01	CO 18
			min V <sub>y</sub>	-3.75	<b>0.00</b>	0.26	0.00	-0.09	0.00	CO 9
			max V <sub>z</sub>	0.94	0.00	<b>0.29</b>	0.00	-0.12	0.00	CO 8
			min V <sub>z</sub>	0.71	0.01	<b>-5.74</b>	0.00	6.09	0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	0.94	0.00	0.29	<b>0.00</b>	-0.12	0.00	CO 8
			min M <sub>T</sub>	1.41	0.01	-3.49	<b>0.00</b>	3.77	0.01	CO 12
			max M <sub>y</sub>	0.71	0.01	-5.74	0.00	<b>6.09</b>	0.01	CO 17
			min M <sub>y</sub>	0.94	0.00	0.29	0.00	<b>-0.12</b>	0.00	CO 8
			max M <sub>z</sub>	1.24	0.01	-5.34	0.00	5.67	<b>0.01</b>	CO 18
			min M <sub>z</sub>	-3.75	0.00	0.26	0.00	-0.09	<b>0.00</b>	CO 9
	773	4.119	max N	<b>1.44</b>	0.01	-3.83	0.00	0.00	0.00	CO 12
			min N	<b>-3.72</b>	0.00	-0.08	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	1.28	<b>0.01</b>	-5.68	0.00	0.00	0.00	CO 18
			min V <sub>y</sub>	-3.72	<b>0.00</b>	-0.08	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	0.98	0.00	<b>-0.05</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.75	0.01	<b>-6.08</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	1.44	0.01	-3.83	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-3.72	0.00	-0.08	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-3.72	0.00	-0.08	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	0.75	0.01	-6.08	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	0.99	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	-1.58	0.01	-5.60	0.00	0.00	<b>0.00</b>	CO 21
		2.060	Max N	<b>5.70</b>	0.00	-3.71	0.00	-2.24	0.00	CO 13
		2.060	Min N	<b>-4.26</b>	0.00	6.04	-0.01	-2.24	0.00	CO 13
		3.090	Max V <sub>y</sub>	1.24	<b>0.01</b>	-5.34	0.00	5.67	0.01	CO 18
		3.090	Min V <sub>y</sub>	-0.77	<b>-0.02</b>	9.37	-0.01	6.09	0.01	CO 17
		2.060	Max V <sub>z</sub>	-0.80	0.00	<b>9.71</b>	-0.01	-3.74	0.00	CO 17
		2.060	Min V <sub>z</sub>	0.82	0.00	<b>-6.38</b>	0.01	-3.74	0.00	CO 17
		2.060	Max M <sub>T</sub>	0.82	0.00	-6.38	<b>0.01</b>	-3.74	0.00	CO 17
		3.090	Min M <sub>T</sub>	-0.77	-0.02	9.37	<b>-0.01</b>	6.09	0.01	CO 17
		3.090	Max M <sub>y</sub>	-0.77	-0.02	9.37	-0.01	<b>6.09</b>	0.01	CO 17
		2.060	Min M <sub>y</sub>	-0.80	0.00	9.71	-0.01	<b>-3.74</b>	0.00	CO 17
		3.090	Max M <sub>z</sub>	1.24	0.01	-5.34	0.00	5.67	<b>0.01</b>	CO 18
		2.060	Min M <sub>z</sub>	-0.65	0.00	-3.38	0.00	-2.04	<b>0.00</b>	CO 14
921	770	0.000	max N	<b>5.19</b>	0.00	1.43	0.00	0.00	0.00	CO 15
			min N	<b>-1.16</b>	0.00	1.68	0.00	0.00	0.00	CO 12
			max V <sub>y</sub>	-0.07	<b>0.00</b>	2.75	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	3.07	<b>0.00</b>	0.44	0.00	0.00	0.00	CO 4
			max V <sub>z</sub>	-0.07	0.00	<b>2.75</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	5.14	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.07	0.00	2.75	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-1.14	0.00	0.24	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-1.14	0.00	0.24	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	5.19	0.00	1.53	0.00	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	-0.05	0.00	0.73	0.00	0.00	<b>0.00</b>	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-1.16	0.00	1.68	0.00	0.00	<b>0.00</b>	CO 12
		1.030	max N	<b>5.23</b>	0.00	1.09	0.00	1.29	0.00	CO 15
			min N	<b>-1.13</b>	0.00	1.34	0.00	1.56	0.00	CO 12
			max V <sub>y</sub>	-0.04	<b>0.00</b>	2.41	0.00	2.66	0.00	CO 17
			min V <sub>y</sub>	-0.02	<b>0.00</b>	0.49	0.00	0.68	0.00	CO 2
			max V <sub>z</sub>	-0.04	0.00	<b>2.41</b>	0.00	2.66	0.00	CO 17
			min V <sub>z</sub>	5.18	0.00	<b>-0.26</b>	0.00	-0.09	0.00	CO 9
			max M <sub>T</sub>	-0.04	0.00	2.41	<b>0.00</b>	2.66	0.00	CO 17
			min M <sub>T</sub>	-1.13	0.00	1.34	<b>0.00</b>	1.56	0.00	CO 12
			max M <sub>y</sub>	-0.04	0.00	2.41	0.00	<b>2.66</b>	0.00	CO 17
			min M <sub>y</sub>	5.18	0.00	-0.26	0.00	<b>-0.09</b>	0.00	CO 9
			max M <sub>z</sub>	-0.01	0.00	0.39	0.00	0.58	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-0.04	0.00	2.41	0.00	2.66	<b>0.00</b>	CO 17
			max N	<b>5.67</b>	0.00	-3.37	0.00	1.40	0.00	CO 13
			min N	<b>-1.12</b>	0.00	0.09	0.00	0.07	0.00	CO 8
			max V <sub>y</sub>	-0.65	<b>0.00</b>	-3.56	-0.01	1.56	0.00	CO 12
			min V <sub>y</sub>	0.79	<b>-0.01</b>	-6.04	-0.01	2.66	0.00	CO 17
			max V <sub>z</sub>	5.12	0.00	<b>0.29</b>	0.00	-0.09	0.00	CO 9
			min V <sub>z</sub>	0.79	-0.01	<b>-6.04</b>	-0.01	2.66	0.00	CO 17
			max M <sub>T</sub>	5.12	0.00	0.29	<b>0.00</b>	-0.09	0.00	CO 9
			min M <sub>T</sub>	0.04	0.00	-5.44	<b>-0.01</b>	2.35	0.00	CO 18
			max M <sub>y</sub>	0.79	-0.01	-6.04	-0.01	<b>2.66</b>	0.00	CO 17
			min M <sub>y</sub>	5.12	0.00	0.29	0.00	<b>-0.09</b>	0.00	CO 9
			max M <sub>z</sub>	5.12	0.00	0.29	0.00	-0.09	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.79	-0.01	-6.04	-0.01	2.66	<b>0.00</b>	CO 17
		2.060	max N	<b>5.70</b>	0.00	-3.71	0.00	-2.24	0.00	CO 13
			min N	<b>-1.09</b>	0.00	-0.25	0.00	-0.01	0.00	CO 8
			max V <sub>y</sub>	-0.62	<b>0.00</b>	-3.90	0.00	-2.29	-0.01	CO 12
			min V <sub>y</sub>	3.86	<b>0.00</b>	-5.48	0.00	-3.31	0.00	CO 21
			max V <sub>z</sub>	5.16	0.00	<b>-0.05</b>	0.00	0.03	0.00	CO 9
			min V <sub>z</sub>	0.82	0.00	<b>-6.38</b>	-0.01	-3.74	0.00	CO 17
			max M <sub>T</sub>	5.16	0.00	-0.05	<b>0.00</b>	0.03	0.00	CO 9
			min M <sub>T</sub>	0.82	0.00	-6.38	<b>-0.01</b>	-3.74	0.00	CO 17
			max M <sub>y</sub>	5.16	0.00	-0.05	0.00	<b>0.03</b>	0.00	CO 9
			min M <sub>y</sub>	0.82	0.00	-6.38	-0.01	<b>-3.74</b>	0.00	CO 17
			max M <sub>z</sub>	5.68	0.00	-3.52	0.00	-2.15	<b>0.00</b>	CO 15
			min M <sub>z</sub>	-0.62	0.00	-3.90	0.00	-2.29	<b>-0.01</b>	CO 12
			max N	<b>0.93</b>	0.00	0.25	0.00	-0.01	0.01	CO 8
			min N	<b>-4.26</b>	0.00	6.04	0.01	-2.24	0.00	CO 13
			max V <sub>y</sub>	0.93	<b>0.00</b>	0.25	0.00	-0.01	0.01	CO 8
			min V <sub>y</sub>	0.44	<b>0.00</b>	6.24	0.01	-2.29	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-0.80	0.00	<b>9.71</b>	0.01	-3.74	0.00	CO 17
			min V <sub>z</sub>	-3.73	0.00	<b>0.05</b>	0.00	0.03	0.00	CO 9
			max M <sub>T</sub>	-0.18	0.00	9.12	<b>0.01</b>	-3.43	0.00	CO 18
			min M <sub>T</sub>	-3.73	0.00	0.05	<b>0.00</b>	0.03	0.00	CO 9
			max M <sub>y</sub>	-3.73	0.00	0.05	0.00	<b>0.03</b>	0.00	CO 9
			min M <sub>y</sub>	-0.80	0.00	9.71	0.01	<b>-3.74</b>	0.00	CO 17
			max M <sub>z</sub>	0.92	0.00	0.44	0.00	-0.10	<b>0.01</b>	CO 10
			min M <sub>z</sub>	-3.73	0.00	0.05	0.00	0.03	<b>0.00</b>	CO 9
		3.090	max N	<b>0.97</b>	0.00	-0.09	0.00	0.07	0.00	CO 8
			min N	<b>-4.23</b>	0.00	5.70	0.01	3.81	0.00	CO 13
			max V <sub>y</sub>	-0.77	<b>0.02</b>	9.37	0.01	6.09	-0.01	CO 17
			min V <sub>y</sub>	-3.70	<b>0.00</b>	-0.29	0.00	-0.09	0.00	CO 9
			max V <sub>z</sub>	-0.77	0.02	<b>9.37</b>	0.01	6.09	-0.01	CO 17
			min V <sub>z</sub>	-3.70	0.00	<b>-0.29</b>	0.00	-0.09	0.00	CO 9
			max M <sub>T</sub>	-0.77	0.02	9.37	<b>0.01</b>	6.09	-0.01	CO 17
			min M <sub>T</sub>	-3.70	0.00	-0.29	<b>0.00</b>	-0.09	0.00	CO 9
			max M <sub>y</sub>	-0.77	0.02	9.37	0.01	<b>6.09</b>	-0.01	CO 17
			min M <sub>y</sub>	-3.70	0.00	-0.29	0.00	<b>-0.09</b>	0.00	CO 9
			max M <sub>z</sub>	0.49	0.00	5.71	0.01	3.85	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-0.77	0.02	9.37	0.01	6.09	<b>-0.01</b>	CO 17
			max N	<b>1.41</b>	0.00	-3.67	0.00	3.96	0.00	CO 12
			min N	<b>-3.75</b>	0.00	0.26	0.00	-0.09	0.00	CO 9
			max V <sub>y</sub>	0.96	<b>0.00</b>	0.00	0.00	0.17	0.00	CO 10
			min V <sub>y</sub>	0.71	<b>-0.01</b>	-5.74	0.00	6.09	-0.01	CO 17
			max V <sub>z</sub>	-3.75	0.00	<b>0.26</b>	0.00	-0.09	0.00	CO 9
			min V <sub>z</sub>	0.71	-0.01	<b>-5.74</b>	0.00	6.09	-0.01	CO 17
			max M <sub>T</sub>	0.95	0.00	0.11	<b>0.00</b>	0.07	0.00	CO 8
			min M <sub>T</sub>	1.24	0.00	-5.45	<b>0.00</b>	5.78	0.00	CO 18
			max M <sub>y</sub>	0.71	-0.01	-5.74	0.00	<b>6.09</b>	-0.01	CO 17
			min M <sub>y</sub>	-3.75	0.00	0.26	0.00	<b>-0.09</b>	0.00	CO 9
			max M <sub>z</sub>	0.96	0.00	0.00	0.00	0.17	<b>0.00</b>	CO 10
			min M <sub>z</sub>	0.71	-0.01	-5.74	0.00	6.09	<b>-0.01</b>	CO 17
	772	4.119	max N	<b>1.44</b>	0.00	-4.01	0.00	0.00	0.00	CO 12
			min N	<b>-3.72</b>	0.00	-0.08	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	0.99	<b>0.00</b>	-0.34	0.00	0.00	0.00	CO 10
			min V <sub>y</sub>	0.75	<b>-0.01</b>	-6.08	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-3.72	0.00	<b>-0.08</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	0.75	-0.01	<b>-6.08</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	0.98	0.00	-0.24	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	0.75	-0.01	-6.08	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-3.72	0.00	-0.08	0.00	<b>0.00</b>	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	0.75	-0.01	-6.08	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	1.43	0.00	-3.91	0.00	0.00	<b>0.00</b>	CO 14
			min M <sub>z</sub>	0.10	0.00	-0.83	0.00	0.00	<b>0.00</b>	CO 2
		2.060	Max N	<b>5.70</b>	0.00	-3.71	0.00	-2.24	0.00	CO 13
		2.060	Min N	<b>-4.26</b>	0.00	6.04	0.01	-2.24	0.00	CO 13
		3.090	Max V <sub>y</sub>	-0.77	<b>0.02</b>	9.37	0.01	6.09	-0.01	CO 17
	772	4.119	Min V <sub>y</sub>	0.75	<b>-0.01</b>	-6.08	0.00	0.00	0.00	CO 17
		2.060	Max V <sub>z</sub>	-0.80	0.00	<b>9.71</b>	0.01	-3.74	0.00	CO 17
		2.060	Min V <sub>z</sub>	0.82	0.00	<b>-6.38</b>	-0.01	-3.74	0.00	CO 17
		2.060	Max M <sub>T</sub>	-0.18	0.00	9.12	<b>0.01</b>	-3.43	0.00	CO 18
		1.030	Min M <sub>T</sub>	0.04	0.00	-5.44	<b>-0.01</b>	2.35	0.00	CO 18
		3.090	Max M <sub>y</sub>	-0.77	0.02	9.37	0.01	<b>6.09</b>	-0.01	CO 17
		2.060	Min M <sub>y</sub>	-0.80	0.00	9.71	0.01	<b>-3.74</b>	0.00	CO 17
		2.575	Max M <sub>z</sub>	0.46	0.00	6.06	0.01	0.88	<b>0.01</b>	CO 12
		3.090	Min M <sub>z</sub>	0.71	-0.01	-5.74	0.00	6.09	<b>-0.01</b>	CO 17
922	770	0.000	max N	<b>5.30</b>	0.00	0.91	0.00	0.00	0.00	CO 12
			min N	<b>-0.01</b>	0.00	0.02	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	0.01	<b>0.00</b>	0.85	0.00	0.00	0.00	CO 13
			min V <sub>y</sub>	3.22	<b>0.00</b>	1.39	0.00	0.00	0.00	CO 18
			max V <sub>z</sub>	0.05	0.00	<b>1.63</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-0.01	0.00	<b>0.02</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.01	0.00	0.85	<b>0.00</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	5.23	0.00	0.09	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.05	0.00	1.63	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	5.23	0.00	0.09	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	5.29	0.00	0.82	0.00	0.00	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-0.01	0.00	0.12	0.00	0.00	<b>0.00</b>	CO 11
			max N	<b>5.30</b>	0.00	0.91	0.00	0.00	0.00	CO 12
			min N	<b>-0.01</b>	0.00	0.02	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	0.01	<b>0.00</b>	0.85	0.00	0.00	0.00	CO 13
			min V <sub>y</sub>	3.22	<b>0.00</b>	1.39	0.00	0.00	0.00	CO 18
			max V <sub>z</sub>	0.05	0.00	<b>1.63</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-0.01	0.00	<b>0.02</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.01	0.00	0.85	<b>0.00</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	5.23	0.00	0.09	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.05	0.00	1.63	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	5.23	0.00	0.09	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	5.29	0.00	0.82	0.00	0.00	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-0.01	0.00	0.12	0.00	0.00	<b>0.00</b>	CO 11
		2.250	max N	<b>5.30</b>	0.00	-1.32	0.00	-0.46	0.00	CO 12
			min N	<b>-0.01</b>	0.00	-0.01	0.00	0.01	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	5.30	<b>0.00</b>	-1.32	0.00	-0.46	0.00	CO 12
			min V <sub>y</sub>	0.03	<b>0.00</b>	-1.99	0.00	-0.72	0.00	CO 19
			max V <sub>z</sub>	-0.01	0.00	<b>-0.01</b>	0.00	0.01	0.00	CO 9
			min V <sub>z</sub>	0.05	0.00	<b>-2.41</b>	0.00	-0.87	0.00	CO 17
			max M <sub>T</sub>	0.01	0.00	-1.24	<b>0.00</b>	-0.44	0.00	CO 13
			min M <sub>T</sub>	5.23	0.00	-0.09	<b>0.00</b>	-0.01	0.00	CO 8
			max M <sub>y</sub>	-0.01	0.00	-0.01	0.00	<b>0.01</b>	0.00	CO 9
			min M <sub>y</sub>	0.05	0.00	-2.41	0.00	<b>-0.87</b>	0.00	CO 17
			max M <sub>z</sub>	0.04	0.00	-2.27	0.00	-0.82	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-0.01	0.00	-0.15	0.00	-0.04	<b>0.00</b>	CO 11
			max N	<b>0.05</b>	0.00	2.41	0.00	-0.87	0.00	CO 17
			min N	<b>-5.15</b>	0.00	1.14	0.00	-0.41	0.00	CO 14
			max V <sub>y</sub>	0.03	<b>0.00</b>	1.99	0.00	-0.72	0.00	CO 19
			min V <sub>y</sub>	-0.01	<b>0.00</b>	0.01	0.00	0.01	0.00	CO 9
			max V <sub>z</sub>	0.05	0.00	<b>2.41</b>	0.00	-0.87	0.00	CO 17
			min V <sub>z</sub>	-0.01	0.00	<b>0.01</b>	0.00	0.01	0.00	CO 9
			max M <sub>T</sub>	-5.13	0.00	0.05	<b>0.00</b>	-0.01	0.00	CO 8
			min M <sub>T</sub>	0.01	0.00	1.24	<b>0.00</b>	-0.44	0.00	CO 13
			max M <sub>y</sub>	-0.01	0.00	0.01	0.00	<b>0.01</b>	0.00	CO 9
			min M <sub>y</sub>	0.05	0.00	2.41	0.00	<b>-0.87</b>	0.00	CO 17
			max M <sub>z</sub>	-5.15	0.00	1.14	0.00	-0.41	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-0.01	0.00	0.15	0.00	-0.04	<b>0.00</b>	CO 11
		4.000	max N	<b>0.05</b>	0.00	-0.73	0.00	0.59	0.00	CO 17
			min N	<b>-5.15</b>	0.00	-0.42	0.00	0.22	0.00	CO 14
			max V <sub>y</sub>	-3.08	<b>0.00</b>	-0.65	0.00	0.46	0.00	CO 18
			min V <sub>y</sub>	0.01	<b>0.00</b>	-0.38	0.00	0.31	0.00	CO 13
			max V <sub>z</sub>	-0.01	0.00	<b>-0.02</b>	0.00	0.01	0.00	CO 9
			min V <sub>z</sub>	0.05	0.00	<b>-0.73</b>	0.00	0.59	0.00	CO 17
			max M <sub>T</sub>	-5.13	0.00	-0.09	<b>0.00</b>	-0.05	0.00	CO 8
			min M <sub>T</sub>	0.01	0.00	-0.38	<b>0.00</b>	0.31	0.00	CO 13
			max M <sub>y</sub>	0.05	0.00	-0.73	0.00	<b>0.59</b>	0.00	CO 17
			min M <sub>y</sub>	-5.13	0.00	-0.09	0.00	<b>-0.05</b>	0.00	CO 8
			max M <sub>z</sub>	-3.08	0.00	-0.65	0.00	0.46	<b>0.00</b>	CO 18
			min M <sub>z</sub>	0.01	0.00	-0.38	0.00	0.31	<b>0.00</b>	CO 13
			max N	<b>0.05</b>	0.00	-0.73	0.00	0.59	0.00	CO 17
			min N	<b>-5.15</b>	0.00	-0.42	0.00	0.22	0.00	CO 14
			max V <sub>y</sub>	-3.08	<b>0.00</b>	-0.65	0.00	0.46	0.00	CO 18
			min V <sub>y</sub>	0.01	<b>0.00</b>	-0.38	0.00	0.31	0.00	CO 13
			max V <sub>z</sub>	-0.01	0.00	<b>-0.02</b>	0.00	0.01	0.00	CO 9
			min V <sub>z</sub>	0.05	0.00	<b>-0.73</b>	0.00	0.59	0.00	CO 17
			max M <sub>T</sub>	-5.13	0.00	-0.09	<b>0.00</b>	-0.05	0.00	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	0.01	0.00	-0.38	<b>0.00</b>	0.31	0.00	CO 13
			max M <sub>y</sub>	0.05	0.00	-0.73	0.00	<b>0.59</b>	0.00	CO 17
			min M <sub>y</sub>	-5.13	0.00	-0.09	0.00	<b>-0.05</b>	0.00	CO 8
			max M <sub>z</sub>	-3.08	0.00	-0.65	0.00	0.46	<b>0.00</b>	CO 18
			min M <sub>z</sub>	0.01	0.00	-0.38	0.00	0.31	<b>0.00</b>	CO 13
		4.500	max N	<b>0.05</b>	0.00	-1.63	0.00	0.00	0.00	CO 17
			min N	<b>-5.15</b>	0.00	-0.44	0.00	0.00	0.00	CO 14
			max V <sub>y</sub>	-3.08	<b>0.00</b>	-1.16	0.00	0.00	0.00	CO 18
			min V <sub>y</sub>	0.01	<b>0.00</b>	-0.85	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	-5.13	0.00	<b>0.29</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.05	0.00	<b>-1.63</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-5.13	0.00	0.29	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	0.01	0.00	-0.85	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-5.15	0.00	-0.54	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-0.01	0.00	-0.02	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.05	0.00	-1.54	0.00	0.00	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-5.13	0.00	0.20	0.00	0.00	<b>0.00</b>	CO 10
	771		max N	<b>0.05</b>	0.00	-1.63	0.00	0.00	0.00	CO 17
			min N	<b>-5.15</b>	0.00	-0.44	0.00	0.00	0.00	CO 14
			max V <sub>y</sub>	-3.08	<b>0.00</b>	-1.16	0.00	0.00	0.00	CO 18
			min V <sub>y</sub>	0.01	<b>0.00</b>	-0.85	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	-5.13	0.00	<b>0.29</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.05	0.00	<b>-1.63</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-5.13	0.00	0.29	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	0.01	0.00	-0.85	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-5.15	0.00	-0.54	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-0.01	0.00	-0.02	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.05	0.00	-1.54	0.00	0.00	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-5.13	0.00	0.20	0.00	0.00	<b>0.00</b>	CO 10
	770	0.000	Max N	<b>5.30</b>	0.00	0.91	0.00	0.00	0.00	CO 12
		2.250	Min N	<b>-5.15</b>	0.00	1.14	0.00	-0.41	0.00	CO 14
		2.250	Max V <sub>y</sub>	0.03	<b>0.00</b>	1.99	0.00	-0.72	0.00	CO 19
		2.250	Min V <sub>y</sub>	0.03	<b>0.00</b>	-1.99	0.00	-0.72	0.00	CO 19
		2.250	Max V <sub>z</sub>	0.05	0.00	<b>2.41</b>	0.00	-0.87	0.00	CO 17
		2.250	Min V <sub>z</sub>	0.05	0.00	<b>-2.41</b>	0.00	-0.87	0.00	CO 17
		2.250	Max M <sub>T</sub>	0.01	0.00	-1.24	<b>0.00</b>	-0.44	0.00	CO 13
		3.750	Min M <sub>T</sub>	0.01	0.00	-0.15	<b>0.00</b>	0.38	0.00	CO 13
		1.000	Max M <sub>y</sub>	0.05	0.00	-0.16	0.00	<b>0.73</b>	0.00	CO 17
		2.250	Min M <sub>y</sub>	0.05	0.00	-2.41	0.00	<b>-0.87</b>	0.00	CO 17
		2.500	Max M <sub>z</sub>	-5.15	0.00	0.92	0.00	-0.16	<b>0.00</b>	CO 14
		2.250	Min M <sub>z</sub>	-0.01	0.00	0.15	0.00	-0.04	<b>0.00</b>	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
923	772	0.000	max N	<b>4.48</b>	0.00	3.89	0.00	0.00	0.00	CO 12
			min N	<b>0.00</b>	0.00	0.47	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.08	<b>0.01</b>	5.61	0.00	0.00	0.00	CO 19
			min V <sub>y</sub>	4.37	<b>0.00</b>	0.08	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	0.08	0.00	<b>5.88</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	0.01	0.00	<b>0.02</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.01	0.00	0.02	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.08	0.00	5.88	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.08	0.00	5.88	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	4.37	0.00	0.08	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	0.00	0.00	0.57	0.00	0.00	<b>0.00</b>	CO 2
			min M <sub>z</sub>	4.48	0.00	3.80	0.00	0.00	<b>0.00</b>	CO 14
			max N	<b>4.48</b>	0.00	3.89	0.00	0.00	0.00	CO 12
			min N	<b>0.00</b>	0.00	0.47	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.08	<b>0.01</b>	5.61	0.00	0.00	0.00	CO 19
			min V <sub>y</sub>	4.37	<b>0.00</b>	0.08	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	0.08	0.00	<b>5.88</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	0.01	0.00	<b>0.02</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.01	0.00	0.02	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.08	0.00	5.88	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.08	0.00	5.88	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	4.37	0.00	0.08	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	0.00	0.00	0.57	0.00	0.00	<b>0.00</b>	CO 2
			min M <sub>z</sub>	4.48	0.00	3.80	0.00	0.00	<b>0.00</b>	CO 14
		2.250	max N	<b>4.48</b>	0.00	-6.04	0.00	-2.42	0.00	CO 12
			min N	<b>0.00</b>	0.00	-0.73	0.00	-0.29	0.00	CO 1
			max V <sub>y</sub>	0.07	<b>0.00</b>	-9.02	0.00	-3.63	0.00	CO 16
			min V <sub>y</sub>	0.06	<b>-0.01</b>	-5.96	0.00	-2.40	0.00	CO 13
			max V <sub>z</sub>	0.01	0.00	<b>-0.02</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	0.07	0.00	<b>-9.16</b>	0.00	-3.69	0.00	CO 17
			max M <sub>T</sub>	0.01	0.00	-0.02	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.07	0.00	-9.16	<b>0.00</b>	-3.69	0.00	CO 17
			max M <sub>y</sub>	0.01	0.00	-0.02	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	0.07	0.00	-9.16	0.00	<b>-3.69</b>	0.00	CO 17
			max M <sub>z</sub>	4.37	0.00	-0.24	0.00	-0.08	<b>0.00</b>	CO 10
			min M <sub>z</sub>	0.07	0.00	-9.16	0.00	-3.69	<b>0.00</b>	CO 17
			max N	<b>0.07</b>	0.00	8.73	0.00	-3.51	0.00	CO 19
			min N	<b>-4.55</b>	0.00	6.00	0.00	-2.42	0.00	CO 12
			max V <sub>y</sub>	0.06	<b>0.01</b>	5.96	0.00	-2.40	0.00	CO 13
			min V <sub>y</sub>	-4.54	<b>0.00</b>	0.05	0.00	-0.02	0.00	CO 8
			max V <sub>z</sub>	0.07	0.00	<b>9.16</b>	0.00	-3.69	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	0.01	0.00	<b>0.02</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.07	0.00	9.16	<b>0.00</b>	-3.69	0.00	CO 17
			min M <sub>T</sub>	0.01	0.00	0.02	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.01	0.00	0.02	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	0.07	0.00	9.16	0.00	<b>-3.69</b>	0.00	CO 17
			max M <sub>z</sub>	0.06	0.01	5.96	0.00	-2.40	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-2.71	0.00	8.75	0.00	-3.53	<b>0.00</b>	CO 18
		4.000	max N	<b>0.08</b>	0.00	-2.42	0.00	2.01	0.00	CO 19
			min N	<b>-4.55</b>	0.00	-1.73	0.00	1.31	0.00	CO 12
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.21	0.00	0.17	0.00	CO 1
			min V <sub>y</sub>	0.08	<b>0.00</b>	-2.42	0.00	2.01	0.00	CO 19
			max V <sub>z</sub>	0.01	0.00	<b>-0.01</b>	0.00	0.01	0.00	CO 9
			min V <sub>z</sub>	0.07	0.00	<b>-2.54</b>	0.00	2.11	0.00	CO 17
			max M <sub>T</sub>	0.07	0.00	-2.54	<b>0.00</b>	2.11	0.00	CO 17
			min M <sub>T</sub>	0.01	0.00	-0.01	<b>0.00</b>	0.01	0.00	CO 9
			max M <sub>y</sub>	0.07	0.00	-2.54	0.00	<b>2.11</b>	0.00	CO 17
			min M <sub>y</sub>	-4.54	0.00	-0.09	0.00	<b>-0.05</b>	0.00	CO 8
			max M <sub>z</sub>	0.01	0.00	-0.25	0.00	0.20	<b>0.00</b>	CO 2
			min M <sub>z</sub>	0.08	0.00	-2.42	0.00	2.01	<b>0.00</b>	CO 19
			max N	<b>0.08</b>	0.00	-2.42	0.00	2.01	0.00	CO 19
			min N	<b>-4.55</b>	0.00	-1.73	0.00	1.31	0.00	CO 12
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.21	0.00	0.17	0.00	CO 1
			min V <sub>y</sub>	0.08	<b>0.00</b>	-2.42	0.00	2.01	0.00	CO 19
			max V <sub>z</sub>	0.01	0.00	<b>-0.01</b>	0.00	0.01	0.00	CO 9
			min V <sub>z</sub>	0.07	0.00	<b>-2.54</b>	0.00	2.11	0.00	CO 17
			max M <sub>T</sub>	0.07	0.00	-2.54	<b>0.00</b>	2.11	0.00	CO 17
			min M <sub>T</sub>	0.01	0.00	-0.01	<b>0.00</b>	0.01	0.00	CO 9
			max M <sub>y</sub>	0.07	0.00	-2.54	0.00	<b>2.11</b>	0.00	CO 17
			min M <sub>y</sub>	-4.54	0.00	-0.09	0.00	<b>-0.05</b>	0.00	CO 8
			max M <sub>z</sub>	0.01	0.00	-0.25	0.00	0.20	<b>0.00</b>	CO 2
			min M <sub>z</sub>	0.08	0.00	-2.42	0.00	2.01	<b>0.00</b>	CO 19
		4.500	max N	<b>0.08</b>	-0.01	-5.61	0.00	0.00	0.00	CO 19
			min N	<b>-4.55</b>	0.00	-3.52	0.00	0.00	0.00	CO 12
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.47	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.08	<b>-0.01</b>	-5.61	0.00	0.00	0.00	CO 19
			max V <sub>z</sub>	-4.54	0.00	<b>0.29</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.08	0.00	<b>-5.88</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	0.08	0.00	-5.88	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.01	0.00	-0.02	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-4.55	0.00	-3.52	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.01	0.00	-0.02	0.00	<b>0.00</b>	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-4.54	0.00	0.20	0.00	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	0.06	0.00	-3.74	0.00	0.00	<b>0.00</b>	CO 15
	773		max N	<b>0.08</b>	-0.01	-5.61	0.00	0.00	0.00	CO 19
			min N	<b>-4.55</b>	0.00	-3.52	0.00	0.00	0.00	CO 12
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.47	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.08	<b>-0.01</b>	-5.61	0.00	0.00	0.00	CO 19
			max V <sub>z</sub>	-4.54	0.00	<b>0.29</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.08	0.00	<b>-5.88</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	0.08	0.00	-5.88	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.01	0.00	-0.02	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-4.55	0.00	-3.52	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.01	0.00	-0.02	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-4.54	0.00	0.20	0.00	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	0.06	0.00	-3.74	0.00	0.00	<b>0.00</b>	CO 15
	772	0.000	Max N	<b>4.48</b>	0.00	3.89	0.00	0.00	0.00	CO 12
		2.250	Min N	<b>-4.55</b>	0.00	6.00	0.00	-2.42	0.00	CO 12
	772	0.000	Max V <sub>y</sub>	0.08	<b>0.01</b>	5.61	0.00	0.00	0.00	CO 19
	773	4.500	Min V <sub>y</sub>	0.08	<b>-0.01</b>	-5.61	0.00	0.00	0.00	CO 19
		2.250	Max V <sub>z</sub>	0.07	0.00	<b>9.16</b>	0.00	-3.69	0.00	CO 17
		2.250	Min V <sub>z</sub>	0.07	0.00	<b>-9.16</b>	0.00	-3.69	0.00	CO 17
		4.500	Max M <sub>T</sub>	0.08	0.00	-5.88	<b>0.00</b>	0.00	0.00	CO 17
		2.250	Min M <sub>T</sub>	0.07	0.00	-9.16	<b>0.00</b>	-3.69	0.00	CO 17
		1.000	Max M <sub>y</sub>	0.07	0.00	-0.80	0.00	<b>2.54</b>	0.00	CO 17
		2.250	Min M <sub>y</sub>	0.07	0.00	-9.16	0.00	<b>-3.69</b>	0.00	CO 17
		2.250	Max M <sub>z</sub>	4.37	0.00	-0.24	0.00	-0.08	<b>0.00</b>	CO 10
		3.500	Min M <sub>z</sub>	0.07	0.00	0.77	0.00	2.42	<b>0.00</b>	CO 19
924	777	0.000	max N	<b>0.06</b>	0.00	8.49	0.00	-0.01	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.09	0.00	0.00	0.00	CO 10
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.20	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	0.06	<b>0.00</b>	8.49	0.00	-0.01	0.00	CO 17
			max V <sub>z</sub>	0.06	0.00	<b>8.49</b>	0.00	-0.01	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>-0.55</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.02	0.00	4.93	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	-0.55	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.00	0.00	-0.55	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	0.06	0.00	8.49	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	0.02	0.00	4.93	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.00	0.00	-0.55	0.00	0.00	<b>0.00</b>	CO 9
			max N	<b>0.06</b>	0.00	8.49	0.00	-0.01	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.09	0.00	0.00	0.00	CO 10
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.20	0.00	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	0.06	<b>0.00</b>	8.49	0.00	-0.01	0.00	CO 17
			max V <sub>z</sub>	0.06	0.00	<b>8.49</b>	0.00	-0.01	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>-0.55</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.02	0.00	4.93	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	-0.55	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.00	0.00	-0.55	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	0.06	0.00	8.49	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	0.02	0.00	4.93	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.00	0.00	-0.55	0.00	0.00	<b>0.00</b>	CO 9
		4.000	max N	<b>0.04</b>	0.00	-6.60	0.00	3.77	0.00	CO 17
			min N	<b>0.00</b>	0.00	-0.13	0.00	-0.07	0.00	CO 10
			max V <sub>y</sub>	0.04	<b>0.00</b>	-6.60	0.00	3.77	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.20	0.00	-0.11	0.00	CO 11
			max V <sub>z</sub>	0.00	0.00	<b>0.43</b>	0.00	-0.24	0.00	CO 9
			min V <sub>z</sub>	0.04	0.00	<b>-6.60</b>	0.00	3.77	0.00	CO 17
			max M <sub>T</sub>	0.01	0.00	-3.89	<b>0.00</b>	2.07	0.00	CO 12
			min M <sub>T</sub>	0.01	0.00	-3.56	<b>0.00</b>	2.03	0.00	CO 13
			max M <sub>y</sub>	0.04	0.00	-6.60	0.00	<b>3.77</b>	0.00	CO 17
			min M <sub>y</sub>	0.00	0.00	0.43	0.00	<b>-0.24</b>	0.00	CO 9
			max M <sub>z</sub>	0.04	0.00	-6.60	0.00	3.77	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	0.10	0.00	-0.20	<b>0.00</b>	CO 8
			max N	<b>0.04</b>	0.00	-6.60	0.00	3.77	0.00	CO 17
			min N	<b>0.00</b>	0.00	-0.13	0.00	-0.07	0.00	CO 10
			max V <sub>y</sub>	0.04	<b>0.00</b>	-6.60	0.00	3.77	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.20	0.00	-0.11	0.00	CO 11
			max V <sub>z</sub>	0.00	0.00	<b>0.43</b>	0.00	-0.24	0.00	CO 9
			min V <sub>z</sub>	0.04	0.00	<b>-6.60</b>	0.00	3.77	0.00	CO 17
			max M <sub>T</sub>	0.01	0.00	-3.89	<b>0.00</b>	2.07	0.00	CO 12
			min M <sub>T</sub>	0.01	0.00	-3.56	<b>0.00</b>	2.03	0.00	CO 13
			max M <sub>y</sub>	0.04	0.00	-6.60	0.00	<b>3.77</b>	0.00	CO 17
			min M <sub>y</sub>	0.00	0.00	0.43	0.00	<b>-0.24</b>	0.00	CO 9
			max M <sub>z</sub>	0.04	0.00	-6.60	0.00	3.77	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	0.10	0.00	-0.20	<b>0.00</b>	CO 8
		4.500	max N	<b>0.06</b>	0.00	-8.49	0.00	-0.01	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.43	0.00	0.00	0.00	CO 10
			max V <sub>y</sub>	0.06	<b>0.00</b>	-8.49	0.00	-0.01	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.25	0.00	0.00	0.00	CO 11
			max V <sub>z</sub>	0.00	0.00	<b>0.72</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.06	0.00	<b>-8.49</b>	0.00	-0.01	0.00	CO 17
			max M <sub>T</sub>	0.02	0.00	-4.40	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	0.55	<b>0.00</b>	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	0.00	0.00	0.72	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.06	0.00	-8.49	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	0.06	0.00	-8.49	0.00	-0.01	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	0.72	0.00	0.00	<b>0.00</b>	CO 8
	774		max N	<b>0.06</b>	0.00	-8.49	0.00	-0.01	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.43	0.00	0.00	0.00	CO 10
			max V <sub>y</sub>	0.06	<b>0.00</b>	-8.49	0.00	-0.01	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.25	0.00	0.00	0.00	CO 11
			max V <sub>z</sub>	0.00	0.00	<b>0.72</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.06	0.00	<b>-8.49</b>	0.00	-0.01	0.00	CO 17
			max M <sub>T</sub>	0.02	0.00	-4.40	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	0.55	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.00	0.00	0.72	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.06	0.00	-8.49	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	0.06	0.00	-8.49	0.00	-0.01	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	0.72	0.00	0.00	<b>0.00</b>	CO 8
	774	4.500	Max N	<b>0.06</b>	0.00	-8.49	0.00	-0.01	0.00	CO 17
		2.250	Min N	<b>0.00</b>	0.00	0.00	0.00	1.79	0.00	CO 2
	774	4.500	Max V <sub>y</sub>	0.06	<b>0.00</b>	-8.49	0.00	-0.01	0.00	CO 17
	777	0.000	Min V <sub>y</sub>	0.06	<b>0.00</b>	8.49	0.00	-0.01	0.00	CO 17
	777	0.000	Max V <sub>z</sub>	0.06	0.00	<b>8.49</b>	0.00	-0.01	0.00	CO 17
	774	4.500	Min V <sub>z</sub>	0.06	0.00	<b>-8.49</b>	0.00	-0.01	0.00	CO 17
		2.250	Max M <sub>T</sub>	0.00	0.00	-0.03	<b>0.00</b>	5.50	0.00	CO 12
		2.250	Min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	5.15	0.00	CO 13
		2.250	Max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>9.55</b>	0.00	CO 17
		2.250	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>-0.62</b>	0.00	CO 9
		2.250	Max M <sub>z</sub>	0.00	0.00	0.00	0.00	9.55	<b>0.00</b>	CO 17
		4.500	Min M <sub>z</sub>	0.00	0.00	0.72	0.00	0.00	<b>0.00</b>	CO 8
925	778	0.000	max N	<b>0.11</b>	-0.01	11.82	0.00	-0.01	0.00	CO 17
			min N	<b>0.00</b>	0.00	-0.25	0.00	0.00	0.00	CO 11
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.20	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	0.11	<b>-0.01</b>	11.82	0.00	-0.01	0.00	CO 17
			max V <sub>z</sub>	0.11	-0.01	<b>11.82</b>	0.00	-0.01	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>-0.55</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.04	0.00	7.26	<b>0.00</b>	-0.01	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	-0.55	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.00	0.00	-0.55	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	0.11	-0.01	11.82	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	0.04	0.00	6.97	0.00	-0.01	<b>0.00</b>	CO 14
			min M <sub>z</sub>	0.00	0.00	-0.25	0.00	0.00	<b>0.00</b>	CO 11
			max N	<b>0.11</b>	-0.01	11.82	0.00	-0.01	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>0.00</b>	0.00	-0.25	0.00	0.00	0.00	CO 11
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.20	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	0.11	<b>-0.01</b>	11.82	0.00	-0.01	0.00	CO 17
			max V <sub>z</sub>	0.11	-0.01	<b>11.82</b>	0.00	-0.01	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>-0.55</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.04	0.00	7.26	<b>0.00</b>	-0.01	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	-0.55	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.00	0.00	-0.55	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	0.11	-0.01	11.82	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	0.04	0.00	6.97	0.00	-0.01	<b>0.00</b>	CO 14
			min M <sub>z</sub>	0.00	0.00	-0.25	0.00	0.00	<b>0.00</b>	CO 11
		4.000	max N	<b>0.08</b>	0.00	-9.20	0.00	5.25	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.20	0.00	-0.11	0.00	CO 11
			max V <sub>y</sub>	0.08	<b>0.00</b>	-9.20	0.00	5.25	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.38	0.00	0.21	0.00	CO 4
			max V <sub>z</sub>	0.00	0.00	<b>0.43</b>	0.00	-0.24	0.00	CO 9
			min V <sub>z</sub>	0.08	0.00	<b>-9.20</b>	0.00	5.25	0.00	CO 17
			max M <sub>T</sub>	0.07	0.00	-8.53	<b>0.00</b>	4.78	0.00	CO 18
			min M <sub>T</sub>	0.06	0.00	-8.34	<b>0.00</b>	4.76	0.00	CO 19
			max M <sub>y</sub>	0.08	0.00	-9.20	0.00	<b>5.25</b>	0.00	CO 17
			min M <sub>y</sub>	0.00	0.00	0.43	0.00	<b>-0.24</b>	0.00	CO 9
			max M <sub>z</sub>	0.08	0.00	-9.20	0.00	5.25	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	-0.13	0.00	-0.07	<b>0.00</b>	CO 10
			max N	<b>0.08</b>	0.00	-9.20	0.00	5.25	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.20	0.00	-0.11	0.00	CO 11
			max V <sub>y</sub>	0.08	<b>0.00</b>	-9.20	0.00	5.25	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.38	0.00	0.21	0.00	CO 4
			max V <sub>z</sub>	0.00	0.00	<b>0.43</b>	0.00	-0.24	0.00	CO 9
			min V <sub>z</sub>	0.08	0.00	<b>-9.20</b>	0.00	5.25	0.00	CO 17
			max M <sub>T</sub>	0.07	0.00	-8.53	<b>0.00</b>	4.78	0.00	CO 18
			min M <sub>T</sub>	0.06	0.00	-8.34	<b>0.00</b>	4.76	0.00	CO 19
			max M <sub>y</sub>	0.08	0.00	-9.20	0.00	<b>5.25</b>	0.00	CO 17
			min M <sub>y</sub>	0.00	0.00	0.43	0.00	<b>-0.24</b>	0.00	CO 9
			max M <sub>z</sub>	0.08	0.00	-9.20	0.00	5.25	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	-0.13	0.00	-0.07	<b>0.00</b>	CO 10
		4.500	max N	<b>0.11</b>	0.01	-11.82	0.00	-0.01	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.25	0.00	0.00	0.00	CO 11
			max V <sub>y</sub>	0.11	<b>0.01</b>	-11.82	0.00	-0.01	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.48	0.00	0.00	0.00	CO 4
			max V <sub>z</sub>	0.00	0.00	<b>0.72</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.11	0.01	<b>-11.82</b>	0.00	-0.01	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	0.04	0.00	-6.74	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	0.55	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.00	0.00	0.72	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.11	0.01	-11.82	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	0.10	0.01	-11.53	0.00	-0.01	<b>0.00</b>	CO 16
			min M <sub>z</sub>	0.04	0.00	-6.74	0.00	0.00	<b>0.00</b>	CO 12
	775		max N	<b>0.11</b>	0.01	-11.82	0.00	-0.01	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.25	0.00	0.00	0.00	CO 11
			max V <sub>y</sub>	0.11	<b>0.01</b>	-11.82	0.00	-0.01	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.48	0.00	0.00	0.00	CO 4
			max V <sub>z</sub>	0.00	0.00	<b>0.72</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.11	0.01	<b>-11.82</b>	0.00	-0.01	0.00	CO 17
			max M <sub>T</sub>	0.04	0.00	-6.74	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	0.55	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.00	0.00	0.72	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.11	0.01	-11.82	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	0.10	0.01	-11.53	0.00	-0.01	<b>0.00</b>	CO 16
			min M <sub>z</sub>	0.04	0.00	-6.74	0.00	0.00	<b>0.00</b>	CO 12
	775	4.500	Max N	<b>0.11</b>	0.01	-11.82	0.00	-0.01	0.00	CO 17
		2.250	Min N	<b>0.00</b>	0.00	0.00	0.00	13.29	0.01	CO 17
	775	4.500	Max V <sub>y</sub>	0.11	<b>0.01</b>	-11.82	0.00	-0.01	0.00	CO 17
	778	0.000	Min V <sub>y</sub>	0.11	<b>-0.01</b>	11.82	0.00	-0.01	0.00	CO 17
	778	0.000	Max V <sub>z</sub>	0.11	-0.01	<b>11.82</b>	0.00	-0.01	0.00	CO 17
	775	4.500	Min V <sub>z</sub>	0.11	0.01	<b>-11.82</b>	0.00	-0.01	0.00	CO 17
		2.250	Max M <sub>T</sub>	0.00	0.00	-0.03	<b>0.00</b>	8.12	0.00	CO 12
		1.250	Min M <sub>T</sub>	0.02	0.00	4.76	<b>0.00</b>	9.67	0.00	CO 19
		2.250	Max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>13.29</b>	0.01	CO 17
		2.250	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>-0.62</b>	0.00	CO 9
		2.250	Max M <sub>z</sub>	0.00	0.00	0.00	0.00	13.29	<b>0.01</b>	CO 17
	775	4.500	Min M <sub>z</sub>	0.04	0.00	-6.74	0.00	0.00	<b>0.00</b>	CO 12
926	779	0.000	max N	<b>0.18</b>	0.00	15.19	0.00	-0.01	0.00	CO 17
			min N	<b>0.00</b>	0.00	-0.25	0.00	0.00	0.00	CO 11
			max V <sub>y</sub>	0.18	<b>0.00</b>	15.19	0.00	-0.01	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.55	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	0.18	0.00	<b>15.19</b>	0.00	-0.01	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>-0.55</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.18	0.00	15.19	<b>0.00</b>	-0.01	0.00	CO 17
			min M <sub>T</sub>	0.00	0.00	-0.20	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.00	0.00	-0.55	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	0.18	0.00	15.19	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	0.07	0.00	9.61	0.00	-0.01	<b>0.00</b>	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	0.00	0.00	-0.55	0.00	0.00	<b>0.00</b>	CO 9
			max N	<b>0.18</b>	0.00	15.19	0.00	-0.01	0.00	CO 17
			min N	<b>0.00</b>	0.00	-0.25	0.00	0.00	0.00	CO 11
			max V <sub>y</sub>	0.18	<b>0.00</b>	15.19	0.00	-0.01	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.55	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	0.18	0.00	<b>15.19</b>	0.00	-0.01	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>-0.55</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.18	0.00	15.19	<b>0.00</b>	-0.01	0.00	CO 17
			min M <sub>T</sub>	0.00	0.00	-0.20	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.00	0.00	-0.55	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	0.18	0.00	15.19	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	0.07	0.00	9.61	0.00	-0.01	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.00	0.00	-0.55	0.00	0.00	<b>0.00</b>	CO 9
		4.000	max N	<b>0.13</b>	0.00	-11.81	0.00	6.74	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.20	0.00	-0.11	0.00	CO 11
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.10	0.00	-0.20	0.00	CO 8
			min V <sub>y</sub>	0.13	<b>0.00</b>	-11.81	0.00	6.74	0.00	CO 17
			max V <sub>z</sub>	0.00	0.00	<b>0.43</b>	0.00	-0.24	0.00	CO 9
			min V <sub>z</sub>	0.13	0.00	<b>-11.81</b>	0.00	6.74	0.00	CO 17
			max M <sub>T</sub>	0.12	0.00	-11.15	<b>0.00</b>	6.27	0.00	CO 18
			min M <sub>T</sub>	0.11	0.00	-10.95	<b>0.00</b>	6.25	0.00	CO 19
			max M <sub>y</sub>	0.13	0.00	-11.81	0.00	<b>6.74</b>	0.00	CO 17
			min M <sub>y</sub>	0.00	0.00	0.43	0.00	<b>-0.24</b>	0.00	CO 9
			max M <sub>z</sub>	0.00	0.00	-0.38	0.00	0.21	<b>0.00</b>	CO 4
			min M <sub>z</sub>	0.12	0.00	-11.15	0.00	6.27	<b>0.00</b>	CO 18
			max N	<b>0.13</b>	0.00	-11.81	0.00	6.74	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.20	0.00	-0.11	0.00	CO 11
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.10	0.00	-0.20	0.00	CO 8
			min V <sub>y</sub>	0.13	<b>0.00</b>	-11.81	0.00	6.74	0.00	CO 17
			max V <sub>z</sub>	0.00	0.00	<b>0.43</b>	0.00	-0.24	0.00	CO 9
			min V <sub>z</sub>	0.13	0.00	<b>-11.81</b>	0.00	6.74	0.00	CO 17
			max M <sub>T</sub>	0.12	0.00	-11.15	<b>0.00</b>	6.27	0.00	CO 18
			min M <sub>T</sub>	0.11	0.00	-10.95	<b>0.00</b>	6.25	0.00	CO 19
			max M <sub>y</sub>	0.13	0.00	-11.81	0.00	<b>6.74</b>	0.00	CO 17
			min M <sub>y</sub>	0.00	0.00	0.43	0.00	<b>-0.24</b>	0.00	CO 9
			max M <sub>z</sub>	0.00	0.00	-0.38	0.00	0.21	<b>0.00</b>	CO 4
			min M <sub>z</sub>	0.12	0.00	-11.15	0.00	6.27	<b>0.00</b>	CO 18
		4.500	max N	<b>0.18</b>	0.00	-15.19	0.00	-0.01	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.25	0.00	0.00	0.00	CO 11
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.72	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	0.18	<b>0.00</b>	-15.19	0.00	-0.01	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	0.00	0.00	<b>0.72</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.18	0.00	<b>-15.19</b>	0.00	-0.01	0.00	CO 17
			max M <sub>T</sub>	0.00	0.00	-1.30	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.72	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.00	0.00	0.72	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.18	0.00	-15.19	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	0.18	0.00	-15.19	0.00	-0.01	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	0.72	0.00	0.00	<b>0.00</b>	CO 8
	776		max N	<b>0.18</b>	0.00	-15.19	0.00	-0.01	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.25	0.00	0.00	0.00	CO 11
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.72	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	0.18	<b>0.00</b>	-15.19	0.00	-0.01	0.00	CO 17
			max V <sub>z</sub>	0.00	0.00	<b>0.72</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.18	0.00	<b>-15.19</b>	0.00	-0.01	0.00	CO 17
			max M <sub>T</sub>	0.00	0.00	-1.30	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.72	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.00	0.00	0.72	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.18	0.00	-15.19	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	0.18	0.00	-15.19	0.00	-0.01	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	0.72	0.00	0.00	<b>0.00</b>	CO 8
	776	4.500	Max N	<b>0.18</b>	0.00	-15.19	0.00	-0.01	0.00	CO 17
		2.250	Min N	<b>0.00</b>	0.00	0.00	0.00	-0.62	0.00	CO 9
	779	0.000	Max V <sub>y</sub>	0.18	<b>0.00</b>	15.19	0.00	-0.01	0.00	CO 17
	776	4.500	Min V <sub>y</sub>	0.18	<b>0.00</b>	-15.19	0.00	-0.01	0.00	CO 17
	779	0.000	Max V <sub>z</sub>	0.18	0.00	<b>15.19</b>	0.00	-0.01	0.00	CO 17
	776	4.500	Min V <sub>z</sub>	0.18	0.00	<b>-15.19</b>	0.00	-0.01	0.00	CO 17
		2.250	Max M <sub>T</sub>	0.00	0.00	-0.03	<b>0.00</b>	10.77	0.00	CO 12
		2.250	Min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	10.42	0.00	CO 13
		2.250	Max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>17.08</b>	0.00	CO 17
		2.250	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>-0.62</b>	0.00	CO 9
	779	0.000	Max M <sub>z</sub>	0.07	0.00	9.61	0.00	-0.01	<b>0.00</b>	CO 12
		2.250	Min M <sub>z</sub>	0.00	0.00	0.00	0.00	17.08	<b>0.00</b>	CO 17
927	780	0.000	max N	<b>27.03</b>	-0.02	-0.35	-0.05	0.00	0.00	CO 18
			min N	<b>-1.52</b>	0.00	-0.35	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	22.36	<b>0.00</b>	-0.42	0.00	0.00	0.00	CO 21
			min V <sub>y</sub>	21.01	<b>-0.04</b>	-0.28	-0.08	0.00	0.00	CO 12
			max V <sub>z</sub>	5.19	-0.04	<b>-0.21</b>	-0.07	0.00	0.00	CO 8
			min V <sub>z</sub>	22.98	0.00	<b>-0.43</b>	0.00	0.00	0.00	CO 19
			max M <sub>T</sub>	-0.90	0.00	-0.36	<b>0.00</b>	0.00	0.00	CO 11
			min M <sub>T</sub>	20.39	-0.04	-0.27	<b>-0.08</b>	0.00	0.00	CO 14
			max M <sub>y</sub>	21.01	-0.04	-0.28	-0.08	<b>0.00</b>	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-1.52	0.00	-0.35	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-0.90	0.00	-0.36	0.00	0.00	<b>0.00</b>	CO 11
			min M <sub>z</sub>	20.39	-0.04	-0.27	-0.08	0.00	<b>0.00</b>	CO 14
		0.550	max N	<b>27.03</b>	-0.02	-0.48	-0.05	-0.23	0.01	CO 18
			min N	<b>-1.52</b>	0.00	-0.49	0.00	-0.23	0.00	CO 9
			max V <sub>y</sub>	22.36	<b>0.00</b>	-0.56	0.00	-0.27	0.00	CO 21
			min V <sub>y</sub>	21.01	<b>-0.04</b>	-0.42	-0.08	-0.19	0.02	CO 12
			max V <sub>z</sub>	5.19	-0.04	<b>-0.35</b>	-0.07	-0.15	0.02	CO 8
			min V <sub>z</sub>	22.98	0.00	<b>-0.57</b>	0.00	-0.28	0.00	CO 19
			max M <sub>T</sub>	-0.90	0.00	-0.50	<b>0.00</b>	-0.24	0.00	CO 11
			min M <sub>T</sub>	20.39	-0.04	-0.41	<b>-0.08</b>	-0.19	0.02	CO 14
			max M <sub>y</sub>	5.19	-0.04	-0.35	-0.07	<b>-0.15</b>	0.02	CO 8
			min M <sub>y</sub>	22.98	0.00	-0.57	0.00	<b>-0.28</b>	0.00	CO 19
			max M <sub>z</sub>	21.01	-0.04	-0.42	-0.08	-0.19	<b>0.02</b>	CO 12
			min M <sub>z</sub>	22.36	0.00	-0.56	0.00	-0.27	<b>0.00</b>	CO 21
			max N	<b>27.03</b>	-0.02	0.29	-0.05	-0.23	-0.05	CO 18
			min N	<b>-1.52</b>	0.00	0.39	0.00	-0.23	-0.01	CO 9
			max V <sub>y</sub>	22.36	<b>0.00</b>	0.32	0.00	-0.27	0.00	CO 21
			min V <sub>y</sub>	21.01	<b>-0.04</b>	0.31	-0.07	-0.19	-0.07	CO 12
			max V <sub>z</sub>	-0.90	0.00	<b>0.39</b>	0.00	-0.24	-0.01	CO 11
			min V <sub>z</sub>	26.41	-0.02	<b>0.29</b>	-0.05	-0.22	-0.04	CO 20
			max M <sub>T</sub>	-0.90	0.00	0.39	<b>0.00</b>	-0.24	-0.01	CO 11
			min M <sub>T</sub>	20.39	-0.04	0.31	<b>-0.07</b>	-0.19	-0.06	CO 14
			max M <sub>y</sub>	5.19	-0.04	0.35	-0.07	<b>-0.15</b>	-0.06	CO 8
			min M <sub>y</sub>	22.98	0.00	0.32	0.00	<b>-0.28</b>	-0.01	CO 19
			max M <sub>z</sub>	22.36	0.00	0.32	0.00	-0.27	<b>0.00</b>	CO 21
			min M <sub>z</sub>	21.01	-0.04	0.31	-0.07	-0.19	<b>-0.07</b>	CO 12
		2.050	max N	<b>27.03</b>	-0.02	-0.07	-0.05	-0.06	-0.01	CO 18
			min N	<b>-1.52</b>	0.00	0.03	0.00	0.08	-0.01	CO 9
			max V <sub>y</sub>	22.36	<b>0.00</b>	-0.05	0.00	-0.07	-0.01	CO 21
			min V <sub>y</sub>	21.01	<b>-0.04</b>	-0.05	-0.07	0.00	-0.01	CO 12
			max V <sub>z</sub>	-0.90	0.00	<b>0.03</b>	0.00	0.08	-0.02	CO 11
			min V <sub>z</sub>	26.41	-0.02	<b>-0.07</b>	-0.05	-0.06	0.00	CO 20
			max M <sub>T</sub>	-0.90	0.00	0.03	<b>0.00</b>	0.08	-0.02	CO 11
			min M <sub>T</sub>	20.39	-0.04	-0.05	<b>-0.07</b>	0.01	0.00	CO 14
			max M <sub>y</sub>	5.19	-0.04	-0.01	-0.07	<b>0.11</b>	0.00	CO 8
			min M <sub>y</sub>	26.27	0.00	-0.07	0.00	<b>-0.09</b>	-0.01	CO 17
			max M <sub>z</sub>	20.39	-0.04	-0.05	-0.07	0.01	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-0.90	0.00	0.03	0.00	0.08	<b>-0.02</b>	CO 11
			max N	<b>27.03</b>	-0.02	-0.07	-0.05	-0.06	-0.01	CO 18
			min N	<b>-1.52</b>	0.00	0.03	0.00	0.08	-0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	22.36	<b>0.00</b>	-0.05	0.00	-0.07	-0.01	CO 21
			min V <sub>y</sub>	21.01	<b>-0.04</b>	-0.05	-0.07	0.00	-0.01	CO 12
			max V <sub>z</sub>	-0.90	0.00	<b>0.03</b>	0.00	0.08	-0.02	CO 11
			min V <sub>z</sub>	26.41	-0.02	<b>-0.07</b>	-0.05	-0.06	0.00	CO 20
			max M <sub>T</sub>	-0.90	0.00	0.03	<b>0.00</b>	0.08	-0.02	CO 11
			min M <sub>T</sub>	20.39	-0.04	-0.05	<b>-0.07</b>	0.01	0.00	CO 14
			max M <sub>y</sub>	5.19	-0.04	-0.01	-0.07	<b>0.11</b>	0.00	CO 8
			min M <sub>y</sub>	26.27	0.00	-0.07	0.00	<b>-0.09</b>	-0.01	CO 17
			max M <sub>z</sub>	20.39	-0.04	-0.05	-0.07	0.01	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-0.90	0.00	0.03	0.00	0.08	<b>-0.02</b>	CO 11
		3.550	max N	<b>27.03</b>	-0.02	-0.44	-0.05	-0.44	0.02	CO 18
			min N	<b>-1.52</b>	0.00	-0.33	0.00	-0.14	-0.01	CO 9
			max V <sub>y</sub>	22.98	<b>0.00</b>	-0.41	0.00	-0.42	-0.02	CO 19
			min V <sub>y</sub>	20.39	<b>-0.04</b>	-0.42	-0.07	-0.35	0.05	CO 14
			max V <sub>z</sub>	-0.90	0.00	<b>-0.33</b>	0.00	-0.14	-0.02	CO 11
			min V <sub>z</sub>	27.03	-0.02	<b>-0.44</b>	-0.05	-0.44	0.02	CO 18
			max M <sub>T</sub>	-0.90	0.00	-0.33	<b>0.00</b>	-0.14	-0.02	CO 11
			min M <sub>T</sub>	20.39	-0.04	-0.42	<b>-0.07</b>	-0.35	0.05	CO 14
			max M <sub>y</sub>	-1.52	0.00	-0.33	0.00	<b>-0.14</b>	-0.01	CO 9
			min M <sub>y</sub>	26.27	0.00	-0.44	0.00	<b>-0.47</b>	-0.02	CO 17
			max M <sub>z</sub>	20.39	-0.04	-0.42	-0.07	-0.35	<b>0.05</b>	CO 14
			min M <sub>z</sub>	22.98	0.00	-0.41	0.00	-0.42	<b>-0.02</b>	CO 19
			max N	<b>27.03</b>	-0.02	0.87	-0.05	-0.44	-0.01	CO 18
			min N	<b>-1.52</b>	0.00	0.32	0.00	-0.14	0.00	CO 9
			max V <sub>y</sub>	22.98	<b>0.00</b>	0.84	0.00	-0.42	0.00	CO 19
			min V <sub>y</sub>	20.39	<b>-0.04</b>	0.70	-0.07	-0.35	-0.02	CO 14
			max V <sub>z</sub>	26.27	0.00	<b>0.92</b>	0.00	-0.47	0.00	CO 17
			min V <sub>z</sub>	-1.52	0.00	<b>0.32</b>	0.00	-0.14	0.00	CO 9
			max M <sub>T</sub>	-0.90	0.00	0.33	<b>0.00</b>	-0.14	0.00	CO 11
			min M <sub>T</sub>	20.39	-0.04	0.70	<b>-0.07</b>	-0.35	-0.02	CO 14
			max M <sub>y</sub>	-1.52	0.00	0.32	0.00	<b>-0.14</b>	0.00	CO 9
			min M <sub>y</sub>	26.27	0.00	0.92	0.00	<b>-0.47</b>	0.00	CO 17
			max M <sub>z</sub>	22.98	0.00	0.84	0.00	-0.42	<b>0.00</b>	CO 19
			min M <sub>z</sub>	20.39	-0.04	0.70	-0.07	-0.35	<b>-0.02</b>	CO 14
	781	4.100	max N	<b>27.03</b>	-0.02	0.74	-0.05	0.00	0.00	CO 18
			min N	<b>-1.52</b>	0.00	0.19	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	22.98	<b>0.00</b>	0.70	0.00	0.00	0.00	CO 19
			min V <sub>y</sub>	20.39	<b>-0.04</b>	0.56	-0.07	0.00	0.00	CO 14
			max V <sub>z</sub>	26.27	0.00	<b>0.79</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-1.52	0.00	<b>0.19</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.90	0.00	0.20	<b>0.00</b>	0.00	0.00	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	20.39	-0.04	0.56	<b>-0.07</b>	0.00	0.00	CO 14
			max M <sub>y</sub>	14.28	0.00	0.51	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	5.19	-0.03	0.25	-0.07	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	21.01	-0.04	0.57	-0.07	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	13.66	0.00	0.50	0.00	0.00	<b>0.00</b>	CO 15
		0.275	Max N	<b>27.03</b>	-0.02	-0.41	-0.05	-0.10	0.01	CO 18
		0.550	Min N	<b>-1.52</b>	0.00	-0.49	0.00	-0.23	0.00	CO 9
		3.550	Max V <sub>y</sub>	22.98	<b>0.00</b>	-0.41	0.00	-0.42	-0.02	CO 19
	780	0.000	Min V <sub>y</sub>	21.01	<b>-0.04</b>	-0.28	-0.08	0.00	0.00	CO 12
		3.550	Max V <sub>z</sub>	26.27	0.00	<b>0.92</b>	0.00	-0.47	0.00	CO 17
		0.550	Min V <sub>z</sub>	22.98	0.00	<b>-0.57</b>	0.00	-0.28	0.00	CO 19
		3.550	Max M <sub>T</sub>	-0.90	0.00	0.33	<b>0.00</b>	-0.14	0.00	CO 11
	780	0.000	Min M <sub>T</sub>	20.39	-0.04	-0.27	<b>-0.08</b>	0.00	0.00	CO 14
		2.050	Max M <sub>y</sub>	5.19	-0.04	-0.01	-0.07	<b>0.11</b>	0.00	CO 8
		3.550	Min M <sub>y</sub>	26.27	0.00	0.92	0.00	<b>-0.47</b>	0.00	CO 17
		3.550	Max M <sub>z</sub>	20.39	-0.04	-0.42	-0.07	-0.35	<b>0.05</b>	CO 14
		0.550	Min M <sub>z</sub>	21.01	-0.04	0.31	-0.07	-0.19	<b>-0.07</b>	CO 12
928	782	0.000	max N	<b>-0.70</b>	0.00	0.00	0.08	0.00	0.00	CO 8
			min N	<b>-0.91</b>	0.00	0.00	0.01	0.00	0.00	CO 13
			max V <sub>y</sub>	-0.88	<b>0.00</b>	0.00	0.01	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.73	<b>0.00</b>	0.00	0.09	0.00	0.00	CO 12
			max V <sub>z</sub>	-0.71	0.00	<b>0.00</b>	0.09	0.00	0.00	CO 10
			min V <sub>z</sub>	-0.83	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 16
			max M <sub>T</sub>	-0.73	0.00	0.00	<b>0.09</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.88	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 21
			max M <sub>y</sub>	-0.83	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 16
			min M <sub>y</sub>	-0.71	0.00	0.00	0.09	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	-0.88	0.00	0.00	0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.73	0.00	0.00	0.09	0.00	<b>0.00</b>	CO 12
	784	3.000	max N	<b>-1.42</b>	0.00	0.00	0.08	0.00	0.00	CO 8
			min N	<b>-1.63</b>	0.00	0.00	0.01	0.00	0.00	CO 13
			max V <sub>y</sub>	-1.62	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 15
			min V <sub>y</sub>	-1.45	<b>0.00</b>	0.00	0.09	0.00	0.00	CO 12
			max V <sub>z</sub>	-1.45	0.00	<b>0.00</b>	0.09	0.00	0.00	CO 12
			min V <sub>z</sub>	-1.55	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 16
			max M <sub>T</sub>	-1.45	0.00	0.00	<b>0.09</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-1.60	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 21
			max M <sub>y</sub>	-1.45	0.00	0.00	0.09	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-1.61	0.00	0.00	0.01	<b>0.00</b>	0.00	CO 11
			max M <sub>z</sub>	-1.42	0.00	0.00	0.08	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-1.62	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 15

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	782	0.000	Max N	<b>-0.70</b>	0.00	0.00	0.08	0.00	0.00	CO 8
	784	3.000	Min N	<b>-1.63</b>	0.00	0.00	0.01	0.00	0.00	CO 13
	784	3.000	Max V <sub>y</sub>	-1.62	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 15
	784	3.000	Min V <sub>y</sub>	-1.45	<b>0.00</b>	0.00	0.09	0.00	0.00	CO 12
	784	3.000	Max V <sub>z</sub>	-1.45	0.00	<b>0.00</b>	0.09	0.00	0.00	CO 12
	784	3.000	Min V <sub>z</sub>	-1.55	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 16
	784	3.000	Max M <sub>T</sub>	-1.45	0.00	0.00	<b>0.09</b>	0.00	0.00	CO 12
		2.750	Min M <sub>T</sub>	-1.54	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 21
	784	3.000	Max M <sub>y</sub>	-1.45	0.00	0.00	0.09	<b>0.00</b>	0.00	CO 12
	782	0.000	Min M <sub>y</sub>	-0.71	0.00	0.00	0.09	<b>0.00</b>	0.00	CO 10
	782	0.000	Max M <sub>z</sub>	-0.88	0.00	0.00	0.01	0.00	<b>0.00</b>	CO 9
	784	3.000	Min M <sub>z</sub>	-1.62	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 15
929	783	0.000	max N	<b>-0.65</b>	0.00	0.00	-0.01	0.00	0.00	CO 9
			min N	<b>-1.36</b>	0.00	0.00	-0.02	0.00	0.00	CO 17
			max V <sub>y</sub>	-1.02	<b>0.00</b>	0.00	-0.02	0.00	0.00	CO 13
			min V <sub>y</sub>	-0.75	<b>0.00</b>	0.00	0.07	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.76	0.00	<b>0.00</b>	0.06	0.00	0.00	CO 10
			min V <sub>z</sub>	-1.35	0.00	<b>0.00</b>	-0.01	0.00	0.00	CO 16
			max M <sub>T</sub>	-1.11	0.00	0.00	<b>0.07</b>	0.00	0.00	CO 14
			min M <sub>T</sub>	-1.25	0.00	0.00	<b>-0.02</b>	0.00	0.00	CO 19
			max M <sub>y</sub>	-1.25	0.00	0.00	-0.02	<b>0.00</b>	0.00	CO 19
			min M <sub>y</sub>	-0.76	0.00	0.00	0.06	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	-1.02	0.00	0.00	-0.02	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-0.75	0.00	0.00	0.07	0.00	<b>0.00</b>	CO 8
	785	3.000	max N	<b>-1.37</b>	0.00	0.00	-0.01	0.00	0.00	CO 9
			min N	<b>-2.08</b>	0.00	0.00	-0.02	0.00	0.00	CO 17
			max V <sub>y</sub>	-1.74	<b>0.00</b>	0.00	-0.02	0.00	0.00	CO 13
			min V <sub>y</sub>	-1.47	<b>0.00</b>	0.00	0.07	0.00	0.00	CO 8
			max V <sub>z</sub>	-1.84	0.00	<b>0.00</b>	0.06	0.00	0.00	CO 12
			min V <sub>z</sub>	-2.07	0.00	<b>0.00</b>	-0.01	0.00	0.00	CO 16
			max M <sub>T</sub>	-1.83	0.00	0.00	<b>0.07</b>	0.00	0.00	CO 14
			min M <sub>T</sub>	-1.97	0.00	0.00	<b>-0.02</b>	0.00	0.00	CO 19
			max M <sub>y</sub>	-1.84	0.00	0.00	0.06	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-2.07	0.00	0.00	-0.01	<b>0.00</b>	0.00	CO 16
			max M <sub>z</sub>	-2.03	0.00	0.00	0.03	0.00	<b>0.00</b>	CO 18
			min M <sub>z</sub>	-1.74	0.00	0.00	-0.02	0.00	<b>0.00</b>	CO 13
	783	0.000	Max N	<b>-0.65</b>	0.00	0.00	-0.01	0.00	0.00	CO 9
	785	3.000	Min N	<b>-2.08</b>	0.00	0.00	-0.02	0.00	0.00	CO 17
	785	3.000	Max V <sub>y</sub>	-1.74	<b>0.00</b>	0.00	-0.02	0.00	0.00	CO 13
	785	3.000	Min V <sub>y</sub>	-1.47	<b>0.00</b>	0.00	0.07	0.00	0.00	CO 8
	785	3.000	Max V <sub>z</sub>	-1.84	0.00	<b>0.00</b>	0.06	0.00	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	785	3.000	Min V <sub>z</sub>	-2.07	0.00	<b>0.00</b>	-0.01	0.00	0.00	CO 16
	783	0.000	Max M <sub>T</sub>	-1.11	0.00	0.00	<b>0.07</b>	0.00	0.00	CO 14
	785	3.000	Min M <sub>T</sub>	-1.97	0.00	0.00	<b>-0.02</b>	0.00	0.00	CO 19
	785	3.000	Max M <sub>y</sub>	-1.84	0.00	0.00	0.06	<b>0.00</b>	0.00	CO 12
	783	0.000	Min M <sub>y</sub>	-0.76	0.00	0.00	0.06	<b>0.00</b>	0.00	CO 10
	783	0.000	Max M <sub>z</sub>	-1.02	0.00	0.00	-0.02	0.00	<b>0.00</b>	CO 13
	785	3.000	Min M <sub>z</sub>	-1.74	0.00	0.00	-0.02	0.00	<b>0.00</b>	CO 13
930	792	0.000	max N	<b>27.73</b>	0.00	0.48	-0.04	0.00	0.00	CO 18
			min N	<b>-1.52</b>	0.00	0.49	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	25.65	<b>0.00</b>	0.48	0.00	0.00	0.00	CO 16
			min V <sub>y</sub>	22.19	<b>0.00</b>	0.48	-0.07	0.00	0.00	CO 12
			max V <sub>z</sub>	-1.52	0.00	<b>0.49</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	27.73	0.00	<b>0.48</b>	-0.04	0.00	0.00	CO 18
			max M <sub>T</sub>	25.65	0.00	0.48	<b>0.00</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	22.19	0.00	0.48	<b>-0.07</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	22.19	0.00	0.48	-0.07	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-1.52	0.00	0.49	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	25.65	0.00	0.48	0.00	0.00	<b>0.00</b>	CO 16
			min M <sub>z</sub>	22.19	0.00	0.48	-0.07	0.00	<b>0.00</b>	CO 12
	786	4.100	max N	<b>27.73</b>	0.00	-0.48	-0.04	0.00	0.00	CO 18
			min N	<b>-1.52</b>	0.00	-0.49	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	6.98	<b>0.00</b>	-0.49	-0.07	0.00	0.00	CO 10
			min V <sub>y</sub>	22.36	<b>0.00</b>	-0.48	0.00	0.00	0.00	CO 21
			max V <sub>z</sub>	27.73	0.00	<b>-0.48</b>	-0.04	0.00	0.00	CO 18
			min V <sub>z</sub>	-1.52	0.00	<b>-0.49</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	25.65	0.00	-0.48	<b>0.00</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	22.19	0.00	-0.48	<b>-0.07</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	14.28	0.00	-0.48	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	3.93	0.00	-0.49	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	21.56	0.00	-0.48	-0.07	0.00	<b>0.00</b>	CO 14
			min M <sub>z</sub>	4.56	0.00	-0.49	0.00	0.00	<b>0.00</b>	CO 2
	792	0.000	Max N	<b>27.73</b>	0.00	0.48	-0.04	0.00	0.00	CO 18
		2.050	Min N	<b>-1.52</b>	0.00	0.00	0.00	0.51	0.00	CO 9
	786	4.100	Max V <sub>y</sub>	6.98	<b>0.00</b>	-0.49	-0.07	0.00	0.00	CO 10
	792	0.000	Min V <sub>y</sub>	22.19	<b>0.00</b>	0.48	-0.07	0.00	0.00	CO 12
	792	0.000	Max V <sub>z</sub>	-1.52	0.00	<b>0.49</b>	0.00	0.00	0.00	CO 9
	786	4.100	Min V <sub>z</sub>	-1.52	0.00	<b>-0.49</b>	0.00	0.00	0.00	CO 9
	792	0.000	Max M <sub>T</sub>	25.65	0.00	0.48	<b>0.00</b>	0.00	0.00	CO 16
		1.929	Min M <sub>T</sub>	22.18	0.00	0.03	<b>-0.07</b>	0.49	0.00	CO 12
		2.050	Max M <sub>y</sub>	-1.52	0.00	0.00	0.00	<b>0.51</b>	0.00	CO 9
	792	0.000	Min M <sub>y</sub>	-1.52	0.00	0.49	0.00	<b>0.00</b>	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		2.894	Max M <sub>z</sub>	21.56	0.00	-0.20	-0.07	0.41	<b>0.00</b>	CO 14
	792	0.000	Min M <sub>z</sub>	22.19	0.00	0.48	-0.07	0.00	<b>0.00</b>	CO 12
934	781	0.000	max N	<b>16.19</b>	0.00	0.53	0.00	0.00	0.00	CO 17
			min N	<b>-0.22</b>	0.00	0.54	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	1.70	<b>0.00</b>	0.54	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	10.66	<b>0.00</b>	0.53	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	-0.22	0.00	<b>0.54</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	16.19	0.00	<b>0.53</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	16.19	0.00	0.53	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.22	0.00	0.54	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	9.99	0.00	0.53	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.45	0.00	0.54	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	10.42	0.00	0.53	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	0.02	0.00	0.54	0.00	0.00	<b>0.00</b>	CO 10
		2.250	max N	<b>16.19</b>	0.00	0.00	0.00	0.59	0.00	CO 17
			min N	<b>-0.22</b>	0.00	0.00	0.00	0.61	0.00	CO 8
			max V <sub>y</sub>	15.94	<b>0.00</b>	0.00	0.00	0.59	0.00	CO 16
			min V <sub>y</sub>	-0.22	<b>0.00</b>	0.00	0.00	0.61	0.00	CO 8
			max V <sub>z</sub>	0.45	0.00	<b>0.00</b>	0.00	0.61	0.00	CO 9
			min V <sub>z</sub>	9.99	0.00	<b>0.00</b>	0.00	0.60	0.00	CO 12
			max M <sub>T</sub>	16.19	0.00	0.00	<b>0.00</b>	0.59	0.00	CO 17
			min M <sub>T</sub>	-0.22	0.00	0.00	<b>0.00</b>	0.61	0.00	CO 8
			max M <sub>y</sub>	-0.22	0.00	0.00	0.00	<b>0.61</b>	0.00	CO 8
			min M <sub>y</sub>	16.19	0.00	0.00	0.00	<b>0.59</b>	0.00	CO 17
			max M <sub>z</sub>	10.42	0.00	0.00	0.00	0.60	<b>0.00</b>	CO 15
			min M <sub>z</sub>	1.95	0.00	0.00	0.00	0.61	<b>0.00</b>	CO 2
			max N	<b>16.19</b>	0.00	0.00	0.00	0.59	0.00	CO 17
			min N	<b>-0.22</b>	0.00	0.00	0.00	0.61	0.00	CO 8
			max V <sub>y</sub>	15.94	<b>0.00</b>	0.00	0.00	0.59	0.00	CO 16
			min V <sub>y</sub>	-0.22	<b>0.00</b>	0.00	0.00	0.61	0.00	CO 8
			max V <sub>z</sub>	16.19	0.00	<b>0.00</b>	0.00	0.59	0.00	CO 17
			min V <sub>z</sub>	9.99	0.00	<b>0.00</b>	0.00	0.60	0.00	CO 12
			max M <sub>T</sub>	16.19	0.00	0.00	<b>0.00</b>	0.59	0.00	CO 17
			min M <sub>T</sub>	-0.22	0.00	0.00	<b>0.00</b>	0.61	0.00	CO 8
			max M <sub>y</sub>	-0.22	0.00	0.00	0.00	<b>0.61</b>	0.00	CO 8
			min M <sub>y</sub>	16.19	0.00	0.00	0.00	<b>0.59</b>	0.00	CO 17
			max M <sub>z</sub>	10.42	0.00	0.00	0.00	0.60	<b>0.00</b>	CO 15
			min M <sub>z</sub>	1.95	0.00	0.00	0.00	0.61	<b>0.00</b>	CO 2
	786	4.500	max N	<b>16.19</b>	0.00	-0.53	0.00	0.00	0.00	CO 17
			min N	<b>-0.22</b>	0.00	-0.54	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	10.66	<b>0.00</b>	-0.53	0.00	0.00	0.00	CO 13



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	1.70	<b>0.00</b>	-0.54	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	16.19	0.00	<b>-0.53</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-0.22	0.00	<b>-0.54</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	16.19	0.00	-0.53	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.22	0.00	-0.54	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	16.19	0.00	-0.53	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-0.22	0.00	-0.54	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	10.42	0.00	-0.53	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	1.95	0.00	-0.54	0.00	0.00	<b>0.00</b>	CO 2
	781	0.000	Max N	<b>16.19</b>	0.00	0.53	0.00	0.00	0.00	CO 17
		2.250	Min N	<b>-0.22</b>	0.00	0.00	0.00	0.61	0.00	CO 8
	786	4.500	Max V <sub>y</sub>	10.66	<b>0.00</b>	-0.53	0.00	0.00	0.00	CO 13
	781	0.000	Min V <sub>y</sub>	10.66	<b>0.00</b>	0.53	0.00	0.00	0.00	CO 13
	781	0.000	Max V <sub>z</sub>	-0.22	0.00	<b>0.54</b>	0.00	0.00	0.00	CO 8
	786	4.500	Min V <sub>z</sub>	-0.22	0.00	<b>-0.54</b>	0.00	0.00	0.00	CO 8
		2.000	Max M <sub>T</sub>	16.19	0.00	0.06	<b>0.00</b>	0.58	0.00	CO 17
	781	0.000	Min M <sub>T</sub>	-0.22	0.00	0.54	<b>0.00</b>	0.00	0.00	CO 8
		2.250	Max M <sub>y</sub>	-0.22	0.00	0.00	0.00	<b>0.61</b>	0.00	CO 8
	786	4.500	Min M <sub>y</sub>	-0.22	0.00	-0.54	0.00	<b>0.00</b>	0.00	CO 8
		2.250	Max M <sub>z</sub>	10.42	0.00	0.00	0.00	0.60	<b>0.00</b>	CO 15
	781	0.000	Min M <sub>z</sub>	0.02	0.00	0.54	0.00	0.00	<b>0.00</b>	CO 10
937	780	0.000	max N	<b>1.72</b>	0.00	0.20	-0.01	0.00	0.00	CO 8
			min N	<b>-31.18</b>	0.00	0.21	-0.01	0.00	0.00	CO 19
			max V <sub>y</sub>	-24.28	<b>0.00</b>	0.21	-0.01	0.00	0.00	CO 13
			min V <sub>y</sub>	-4.61	<b>0.00</b>	0.20	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-31.18	0.00	<b>0.21</b>	-0.01	0.00	0.00	CO 19
			min V <sub>z</sub>	1.72	0.00	<b>0.20</b>	-0.01	0.00	0.00	CO 8
			max M <sub>T</sub>	-6.05	0.00	0.20	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-26.44	0.00	0.21	<b>-0.02</b>	0.00	0.00	CO 18
			max M <sub>y</sub>	1.72	0.00	0.20	-0.01	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-24.28	0.00	0.21	-0.01	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	1.01	0.00	0.20	-0.01	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	-29.54	0.00	0.21	-0.01	0.00	<b>0.00</b>	CO 16
	775	2.326	max N	<b>1.94</b>	0.00	-0.20	-0.01	0.00	0.00	CO 8
			min N	<b>-30.96</b>	0.00	-0.21	-0.01	0.00	0.00	CO 19
			max V <sub>y</sub>	-16.21	<b>0.00</b>	-0.21	-0.02	0.00	0.00	CO 12
			min V <sub>y</sub>	-4.39	<b>0.00</b>	-0.20	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	1.94	0.00	<b>-0.20</b>	-0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	-30.03	0.00	<b>-0.21</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-5.83	0.00	-0.20	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-26.22	0.00	-0.21	<b>-0.02</b>	0.00	0.00	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-5.10	0.00	-0.20	0.00	<b>0.00</b>	0.00	CO 2
			min M <sub>y</sub>	-30.25	0.00	-0.21	-0.01	<b>0.00</b>	0.00	CO 21
			max M <sub>z</sub>	-6.55	0.00	-0.20	0.00	0.00	<b>0.00</b>	CO 11
			min M <sub>z</sub>	-15.50	0.00	-0.21	-0.02	0.00	<b>0.00</b>	CO 14
	775	2.326	Max N	<b>1.94</b>	0.00	-0.20	-0.01	0.00	0.00	CO 8
	780	0.000	Min N	<b>-31.18</b>	0.00	0.21	-0.01	0.00	0.00	CO 19
	775	2.326	Max V <sub>y</sub>	-16.21	<b>0.00</b>	-0.21	-0.02	0.00	0.00	CO 12
	780	0.000	Min V <sub>y</sub>	-4.61	<b>0.00</b>	0.20	0.00	0.00	0.00	CO 1
	780	0.000	Max V <sub>z</sub>	-31.18	0.00	<b>0.21</b>	-0.01	0.00	0.00	CO 19
	775	2.326	Min V <sub>z</sub>	-30.03	0.00	<b>-0.21</b>	-0.01	0.00	0.00	CO 17
	780	0.000	Max M <sub>T</sub>	-6.05	0.00	0.20	<b>0.00</b>	0.00	0.00	CO 9
		1.163	Min M <sub>T</sub>	-26.33	0.00	0.00	<b>-0.02</b>	0.12	0.00	CO 18
		1.163	Max M <sub>y</sub>	-30.14	0.00	0.00	-0.01	<b>0.12</b>	0.00	CO 17
	780	0.000	Min M <sub>y</sub>	-24.28	0.00	0.21	-0.01	<b>0.00</b>	0.00	CO 13
	780	0.000	Max M <sub>z</sub>	1.01	0.00	0.20	-0.01	0.00	<b>0.00</b>	CO 10
	775	2.326	Min M <sub>z</sub>	-15.50	0.00	-0.21	-0.02	0.00	<b>0.00</b>	CO 14
938	781	0.000	max N	<b>3.97</b>	0.00	0.20	0.00	0.00	0.00	CO 9
			min N	<b>-30.19</b>	0.00	0.21	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-13.40	<b>0.00</b>	0.21	0.00	0.00	0.00	CO 15
			min V <sub>y</sub>	-1.31	<b>0.00</b>	0.20	-0.01	0.00	0.00	CO 10
			max V <sub>z</sub>	-30.19	0.00	<b>0.21</b>	0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	3.97	0.00	<b>0.20</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-30.19	0.00	0.21	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.60	0.00	0.20	<b>-0.01</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	3.97	0.00	0.20	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-30.19	0.00	0.21	0.01	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-13.40	0.00	0.21	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	-18.73	0.00	0.21	-0.01	0.00	<b>0.00</b>	CO 12
	775	2.326	max N	<b>4.19</b>	0.00	-0.20	0.00	0.00	0.00	CO 9
			min N	<b>-29.97</b>	0.00	-0.21	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	4.19	<b>0.00</b>	-0.20	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-18.51	<b>0.00</b>	-0.21	-0.01	0.00	0.00	CO 12
			max V <sub>z</sub>	4.19	0.00	<b>-0.20</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-29.97	0.00	<b>-0.21</b>	0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-29.97	0.00	-0.21	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.38	0.00	-0.20	<b>-0.01</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-29.97	0.00	-0.21	0.01	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	4.19	0.00	-0.20	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-17.80	0.00	-0.21	-0.01	0.00	<b>0.00</b>	CO 14
			min M <sub>z</sub>	3.48	0.00	-0.20	0.00	0.00	<b>0.00</b>	CO 11
	775	2.326	Max N	<b>4.19</b>	0.00	-0.20	0.00	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	781	0.000	Min N	<b>-30.19</b>	0.00	0.21	0.01	0.00	0.00	CO 17
	781	0.000	Max V <sub>y</sub>	-13.40	<b>0.00</b>	0.21	0.00	0.00	0.00	CO 15
	775	2.326	Min V <sub>y</sub>	-18.51	<b>0.00</b>	-0.21	-0.01	0.00	0.00	CO 12
	781	0.000	Max V <sub>z</sub>	-30.19	0.00	<b>0.21</b>	0.01	0.00	0.00	CO 17
	775	2.326	Min V <sub>z</sub>	-29.97	0.00	<b>-0.21</b>	0.01	0.00	0.00	CO 17
		1.163	Max M <sub>T</sub>	-30.08	0.00	0.00	<b>0.01</b>	0.12	0.00	CO 17
		1.163	Min M <sub>T</sub>	-0.49	0.00	0.00	<b>-0.01</b>	0.12	0.00	CO 8
		1.163	Max M <sub>y</sub>	-30.08	0.00	0.00	0.01	<b>0.12</b>	0.00	CO 17
	781	0.000	Min M <sub>y</sub>	-30.19	0.00	0.21	0.01	<b>0.00</b>	0.00	CO 17
	775	2.326	Max M <sub>z</sub>	-17.80	0.00	-0.21	-0.01	0.00	<b>0.00</b>	CO 14
	781	0.000	Min M <sub>z</sub>	-18.73	0.00	0.21	-0.01	0.00	<b>0.00</b>	CO 12
939	792	0.000	max N	<b>0.47</b>	0.00	0.20	-0.01	0.00	0.00	CO 8
			min N	<b>-31.18</b>	0.00	0.21	0.01	0.00	0.00	CO 19
			max V <sub>y</sub>	0.47	<b>0.00</b>	0.20	-0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	-24.28	<b>0.00</b>	0.21	0.01	0.00	0.00	CO 13
			max V <sub>z</sub>	-31.18	0.00	<b>0.21</b>	0.01	0.00	0.00	CO 19
			min V <sub>z</sub>	0.47	0.00	<b>0.20</b>	-0.01	0.00	0.00	CO 8
			max M <sub>T</sub>	-30.25	0.00	0.21	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.47	0.00	0.20	<b>-0.01</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.47	0.00	0.20	-0.01	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-24.28	0.00	0.21	0.01	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	0.47	0.00	0.20	-0.01	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-6.77	0.00	0.20	0.00	0.00	<b>0.00</b>	CO 11
	778	2.326	max N	<b>0.69</b>	0.00	-0.20	-0.01	0.00	0.00	CO 8
			min N	<b>-30.96</b>	0.00	-0.21	0.01	0.00	0.00	CO 19
			max V <sub>y</sub>	0.69	<b>0.00</b>	-0.20	-0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	-30.96	<b>0.00</b>	-0.21	0.01	0.00	0.00	CO 19
			max V <sub>z</sub>	0.69	0.00	<b>-0.20</b>	-0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	-30.03	0.00	<b>-0.21</b>	0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-30.03	0.00	-0.21	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.69	0.00	-0.20	<b>-0.01</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-5.10	0.00	-0.20	0.00	<b>0.00</b>	0.00	CO 2
			min M <sub>y</sub>	-30.25	0.00	-0.21	0.01	<b>0.00</b>	0.00	CO 21
			max M <sub>z</sub>	-29.32	0.00	-0.21	0.01	0.00	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-0.02	0.00	-0.20	-0.01	0.00	<b>0.00</b>	CO 10
	778	2.326	Max N	<b>0.69</b>	0.00	-0.20	-0.01	0.00	0.00	CO 8
	792	0.000	Min N	<b>-31.18</b>	0.00	0.21	0.01	0.00	0.00	CO 19
	778	2.326	Max V <sub>y</sub>	0.69	<b>0.00</b>	-0.20	-0.01	0.00	0.00	CO 8
	778	2.326	Min V <sub>y</sub>	-30.96	<b>0.00</b>	-0.21	0.01	0.00	0.00	CO 19
	792	0.000	Max V <sub>z</sub>	-31.18	0.00	<b>0.21</b>	0.01	0.00	0.00	CO 19
	778	2.326	Min V <sub>z</sub>	-30.03	0.00	<b>-0.21</b>	0.01	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.163	Max M <sub>T</sub>	-30.14	0.00	0.00	<b>0.01</b>	0.12	0.00	CO 17
		1.163	Min M <sub>T</sub>	0.58	0.00	0.00	<b>-0.01</b>	0.12	0.00	CO 8
		1.163	Max M <sub>y</sub>	-30.14	0.00	0.00	0.01	<b>0.12</b>	0.00	CO 17
	792	0.000	Min M <sub>y</sub>	-24.28	0.00	0.21	0.01	<b>0.00</b>	0.00	CO 13
	792	0.000	Max M <sub>z</sub>	0.47	0.00	0.20	-0.01	0.00	<b>0.00</b>	CO 8
	778	2.326	Min M <sub>z</sub>	-0.02	0.00	-0.20	-0.01	0.00	<b>0.00</b>	CO 10
940	786	0.000	max N	<b>3.97</b>	0.00	0.20	0.00	0.00	0.00	CO 9
			min N	<b>-30.19</b>	0.00	0.21	-0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-5.32	<b>0.00</b>	0.20	0.00	0.00	0.00	CO 2
			min V <sub>y</sub>	-19.29	<b>0.00</b>	0.21	-0.02	0.00	0.00	CO 14
			max V <sub>z</sub>	-30.19	0.00	<b>0.21</b>	-0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	3.97	0.00	<b>0.20</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	3.97	0.00	0.20	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-20.00	0.00	0.21	<b>-0.02</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	3.97	0.00	0.20	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-30.19	0.00	0.21	-0.01	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-5.32	0.00	0.20	0.00	0.00	<b>0.00</b>	CO 2
			min M <sub>z</sub>	-19.29	0.00	0.21	-0.02	0.00	<b>0.00</b>	CO 14
	778	2.326	max N	<b>4.19</b>	0.00	-0.20	0.00	0.00	0.00	CO 9
			min N	<b>-29.97</b>	0.00	-0.21	-0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-29.97	<b>0.00</b>	-0.21	-0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	-1.65	<b>0.00</b>	-0.20	-0.01	0.00	0.00	CO 8
			max V <sub>z</sub>	4.19	0.00	<b>-0.20</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-29.97	0.00	<b>-0.21</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	4.19	0.00	-0.20	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-19.78	0.00	-0.21	<b>-0.02</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-29.97	0.00	-0.21	-0.01	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	4.19	0.00	-0.20	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-2.36	0.00	-0.20	-0.01	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	-29.26	0.00	-0.21	-0.01	0.00	<b>0.00</b>	CO 16
	778	2.326	Max N	<b>4.19</b>	0.00	-0.20	0.00	0.00	0.00	CO 9
	786	0.000	Min N	<b>-30.19</b>	0.00	0.21	-0.01	0.00	0.00	CO 17
	778	2.326	Max V <sub>y</sub>	-29.97	<b>0.00</b>	-0.21	-0.01	0.00	0.00	CO 17
	778	2.326	Min V <sub>y</sub>	-1.65	<b>0.00</b>	-0.20	-0.01	0.00	0.00	CO 8
	786	0.000	Max V <sub>z</sub>	-30.19	0.00	<b>0.21</b>	-0.01	0.00	0.00	CO 17
	778	2.326	Min V <sub>z</sub>	-29.97	0.00	<b>-0.21</b>	-0.01	0.00	0.00	CO 17
	778	2.326	Max M <sub>T</sub>	4.19	0.00	-0.20	<b>0.00</b>	0.00	0.00	CO 9
		1.163	Min M <sub>T</sub>	-19.89	0.00	0.00	<b>-0.02</b>	0.12	0.00	CO 12
		1.163	Max M <sub>y</sub>	-30.08	0.00	0.00	-0.01	<b>0.12</b>	0.00	CO 17
	786	0.000	Min M <sub>y</sub>	-30.19	0.00	0.21	-0.01	<b>0.00</b>	0.00	CO 17
	778	2.326	Max M <sub>z</sub>	-2.36	0.00	-0.20	-0.01	0.00	<b>0.00</b>	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	786	0.000	Min M <sub>z</sub>	-19.29	0.00	0.21	-0.02	0.00	<b>0.00</b>	CO 14
941	780	0.000	max N	<b>6.56</b>	0.00	0.54	0.00	0.00	0.00	CO 17
			min N	<b>-0.06</b>	0.00	0.54	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	2.98	<b>0.00</b>	0.54	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	0.65	<b>0.00</b>	0.54	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.06	0.00	<b>0.54</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	6.56	0.00	<b>0.54</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	2.64	0.00	0.54	<b>0.00</b>	0.00	0.00	CO 14
			min M <sub>T</sub>	1.00	0.00	0.54	<b>0.00</b>	0.00	0.00	CO 11
			max M <sub>y</sub>	2.98	0.00	0.54	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.65	0.00	0.54	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.28	0.00	0.54	0.00	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	6.21	0.00	0.54	0.00	0.00	<b>0.00</b>	CO 16
	792	4.500	max N	<b>6.56</b>	0.00	-0.54	0.00	0.00	0.00	CO 17
			min N	<b>-0.06</b>	0.00	-0.54	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	0.65	<b>0.00</b>	-0.54	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	2.98	<b>0.00</b>	-0.54	0.00	0.00	0.00	CO 12
			max V <sub>z</sub>	6.56	0.00	<b>-0.54</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-0.06	0.00	<b>-0.54</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	2.64	0.00	-0.54	<b>0.00</b>	0.00	0.00	CO 14
			min M <sub>T</sub>	1.00	0.00	-0.54	<b>0.00</b>	0.00	0.00	CO 11
			max M <sub>y</sub>	6.56	0.00	-0.54	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-0.06	0.00	-0.54	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	1.00	0.00	-0.54	0.00	0.00	<b>0.00</b>	CO 11
			min M <sub>z</sub>	2.64	0.00	-0.54	0.00	0.00	<b>0.00</b>	CO 14
	780	0.000	Max N	<b>6.56</b>	0.00	0.54	0.00	0.00	0.00	CO 17
		2.250	Min N	<b>-0.07</b>	0.00	0.00	0.00	0.61	0.00	CO 8
	792	4.500	Max V <sub>y</sub>	0.65	<b>0.00</b>	-0.54	0.00	0.00	0.00	CO 9
	780	0.000	Min V <sub>y</sub>	0.65	<b>0.00</b>	0.54	0.00	0.00	0.00	CO 9
	780	0.000	Max V <sub>z</sub>	-0.06	0.00	<b>0.54</b>	0.00	0.00	0.00	CO 8
	792	4.500	Min V <sub>z</sub>	-0.06	0.00	<b>-0.54</b>	0.00	0.00	0.00	CO 8
		2.250	Max M <sub>T</sub>	2.64	0.00	0.00	<b>0.00</b>	0.60	0.00	CO 14
		2.250	Min M <sub>T</sub>	1.00	0.00	0.00	<b>0.00</b>	0.61	0.00	CO 11
		2.250	Max M <sub>y</sub>	-0.07	0.00	0.00	0.00	<b>0.61</b>	0.00	CO 8
	792	4.500	Min M <sub>y</sub>	-0.06	0.00	-0.54	0.00	<b>0.00</b>	0.00	CO 8
		2.250	Max M <sub>z</sub>	1.00	0.00	0.00	0.00	0.61	<b>0.00</b>	CO 11
		2.500	Min M <sub>z</sub>	2.64	0.00	-0.06	0.00	0.60	<b>0.00</b>	CO 14
942	780	0.000	max N	<b>4.65</b>	0.00	0.22	0.00	0.00	0.00	CO 8
			min N	<b>-7.23</b>	0.00	0.22	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-4.08	<b>0.00</b>	0.22	0.00	0.00	0.00	CO 13
			min V <sub>y</sub>	4.65	<b>0.00</b>	0.22	0.00	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-7.23	0.00	<b>0.22</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	4.65	0.00	<b>0.22</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	-4.08	0.00	0.22	<b>0.00</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	4.65	0.00	0.22	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	4.65	0.00	0.22	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-7.23	0.00	0.22	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-4.08	0.00	0.22	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	1.76	0.00	0.22	0.00	0.00	<b>0.00</b>	CO 14
	791	2.423	max N	<b>4.83</b>	0.00	-0.22	0.00	0.00	0.00	CO 8
			min N	<b>-7.05</b>	0.00	-0.22	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.96	<b>0.00</b>	-0.22	0.00	0.00	0.00	CO 11
			min V <sub>y</sub>	1.94	<b>0.00</b>	-0.22	0.00	0.00	0.00	CO 14
			max V <sub>z</sub>	4.83	0.00	<b>-0.22</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-7.05	0.00	<b>-0.22</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-3.90	0.00	-0.22	<b>0.00</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	4.83	0.00	-0.22	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-7.05	0.00	-0.22	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	4.83	0.00	-0.22	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	4.46	0.00	-0.22	0.00	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	-3.52	0.00	-0.22	0.00	0.00	<b>0.00</b>	CO 15
	791	2.423	Max N	<b>4.83</b>	0.00	-0.22	0.00	0.00	0.00	CO 8
	780	0.000	Min N	<b>-7.23</b>	0.00	0.22	0.00	0.00	0.00	CO 17
	791	2.423	Max V <sub>y</sub>	-0.96	<b>0.00</b>	-0.22	0.00	0.00	0.00	CO 11
	791	2.423	Min V <sub>y</sub>	1.94	<b>0.00</b>	-0.22	0.00	0.00	0.00	CO 14
	780	0.000	Max V <sub>z</sub>	-7.23	0.00	<b>0.22</b>	0.00	0.00	0.00	CO 17
	791	2.423	Min V <sub>z</sub>	-7.05	0.00	<b>-0.22</b>	0.00	0.00	0.00	CO 17
	780	0.000	Max M <sub>T</sub>	-4.08	0.00	0.22	<b>0.00</b>	0.00	0.00	CO 13
	791	2.423	Min M <sub>T</sub>	4.83	0.00	-0.22	<b>0.00</b>	0.00	0.00	CO 8
		1.212	Max M <sub>y</sub>	-7.14	0.00	0.00	0.00	<b>0.14</b>	0.00	CO 17
	780	0.000	Min M <sub>y</sub>	-7.23	0.00	0.22	0.00	<b>0.00</b>	0.00	CO 17
	780	0.000	Max M <sub>z</sub>	-4.08	0.00	0.22	0.00	0.00	<b>0.00</b>	CO 13
	791	2.423	Min M <sub>z</sub>	-3.52	0.00	-0.22	0.00	0.00	<b>0.00</b>	CO 15
943	792	0.000	max N	<b>-0.76</b>	0.00	0.22	0.00	0.00	0.00	CO 9
			min N	<b>-9.87</b>	0.00	0.23	0.00	0.00	0.00	CO 12
			max V <sub>y</sub>	-6.51	<b>0.00</b>	0.22	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-4.08	<b>0.00</b>	0.22	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	-9.87	0.00	<b>0.23</b>	0.00	0.00	0.00	CO 12
			min V <sub>z</sub>	-0.76	0.00	<b>0.22</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-2.65	0.00	0.22	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-4.08	0.00	0.22	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-0.76	0.00	0.22	0.00	<b>0.00</b>	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-9.87	0.00	0.23	0.00	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-9.49	0.00	0.23	0.00	0.00	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-1.14	0.00	0.22	0.00	0.00	<b>0.00</b>	CO 11
	791	2.423	max N	<b>-0.59</b>	0.00	-0.22	0.00	0.00	0.00	CO 9
			min N	<b>-9.69</b>	0.00	-0.22	0.00	0.00	0.00	CO 12
			max V <sub>y</sub>	-9.31	<b>0.00</b>	-0.22	0.00	0.00	0.00	CO 14
			min V <sub>y</sub>	-0.96	<b>0.00</b>	-0.22	0.00	0.00	0.00	CO 11
			max V <sub>z</sub>	-0.59	0.00	<b>-0.22</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-9.40	0.00	<b>-0.22</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-2.47	0.00	-0.22	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-3.90	0.00	-0.22	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-7.05	0.00	-0.22	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-6.33	0.00	-0.22	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-3.52	0.00	-0.22	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	-6.71	0.00	-0.22	0.00	0.00	<b>0.00</b>	CO 10
	791	2.423	Max N	<b>-0.59</b>	0.00	-0.22	0.00	0.00	0.00	CO 9
	792	0.000	Min N	<b>-9.87</b>	0.00	0.23	0.00	0.00	0.00	CO 12
	791	2.423	Max V <sub>y</sub>	-9.31	<b>0.00</b>	-0.22	0.00	0.00	0.00	CO 14
	791	2.423	Min V <sub>y</sub>	-0.96	<b>0.00</b>	-0.22	0.00	0.00	0.00	CO 11
	792	0.000	Max V <sub>z</sub>	-9.87	0.00	<b>0.23</b>	0.00	0.00	0.00	CO 12
	791	2.423	Min V <sub>z</sub>	-9.40	0.00	<b>-0.22</b>	0.00	0.00	0.00	CO 18
	792	0.000	Max M <sub>T</sub>	-2.65	0.00	0.22	<b>0.00</b>	0.00	0.00	CO 1
	792	0.000	Min M <sub>T</sub>	-4.08	0.00	0.22	<b>0.00</b>	0.00	0.00	CO 13
		1.212	Max M <sub>y</sub>	-9.49	0.00	0.00	0.00	<b>0.14</b>	0.00	CO 18
	792	0.000	Min M <sub>y</sub>	-9.87	0.00	0.23	0.00	<b>0.00</b>	0.00	CO 12
	791	2.423	Max M <sub>z</sub>	-3.52	0.00	-0.22	0.00	0.00	<b>0.00</b>	CO 15
	792	0.000	Min M <sub>z</sub>	-1.14	0.00	0.22	0.00	0.00	<b>0.00</b>	CO 11
944	781	0.000	max N	<b>4.35</b>	0.00	0.22	0.00	0.00	0.00	CO 8
			min N	<b>-18.95</b>	0.00	0.23	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.68	<b>0.00</b>	0.22	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-15.02	<b>0.00</b>	0.23	0.00	0.00	0.00	CO 18
			max V <sub>z</sub>	-18.95	0.00	<b>0.23</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	4.35	0.00	<b>0.22</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	4.35	0.00	0.22	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-18.95	0.00	0.23	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	4.35	0.00	0.22	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-18.95	0.00	0.23	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-0.68	0.00	0.22	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-7.46	0.00	0.22	0.00	0.00	<b>0.00</b>	CO 12
	793	2.599	max N	<b>4.61</b>	0.00	-0.22	0.00	0.00	0.00	CO 8
			min N	<b>-18.70</b>	0.00	-0.23	0.00	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-12.01	<b>0.00</b>	-0.23	0.00	0.00	0.00	CO 15
			min V <sub>y</sub>	-2.13	<b>0.00</b>	-0.22	0.00	0.00	0.00	CO 2
			max V <sub>z</sub>	4.61	0.00	<b>-0.22</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-18.70	0.00	<b>-0.23</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	4.61	0.00	-0.22	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-18.70	0.00	-0.23	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-18.70	0.00	-0.23	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	4.61	0.00	-0.22	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-18.41	0.00	-0.23	0.00	0.00	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-0.70	0.00	-0.22	0.00	0.00	<b>0.00</b>	CO 11
	793	2.599	Max N	<b>4.61</b>	0.00	-0.22	0.00	0.00	0.00	CO 8
	781	0.000	Min N	<b>-18.95</b>	0.00	0.23	0.00	0.00	0.00	CO 17
	793	2.599	Max V <sub>y</sub>	-12.01	<b>0.00</b>	-0.23	0.00	0.00	0.00	CO 15
	781	0.000	Min V <sub>y</sub>	-15.02	<b>0.00</b>	0.23	0.00	0.00	0.00	CO 18
	781	0.000	Max V <sub>z</sub>	-18.95	0.00	<b>0.23</b>	0.00	0.00	0.00	CO 17
	793	2.599	Min V <sub>z</sub>	-18.70	0.00	<b>-0.23</b>	0.00	0.00	0.00	CO 17
	793	2.599	Max M <sub>T</sub>	4.61	0.00	-0.22	<b>0.00</b>	0.00	0.00	CO 8
		1.181	Min M <sub>T</sub>	-18.84	0.00	0.02	<b>0.00</b>	0.15	0.00	CO 17
		1.299	Max M <sub>y</sub>	-18.83	0.00	0.00	0.00	<b>0.15</b>	0.00	CO 17
	781	0.000	Min M <sub>y</sub>	-18.95	0.00	0.23	0.00	<b>0.00</b>	0.00	CO 17
	781	0.000	Max M <sub>z</sub>	-0.68	0.00	0.22	0.00	0.00	<b>0.00</b>	CO 9
	793	2.599	Min M <sub>z</sub>	-0.70	0.00	-0.22	0.00	0.00	<b>0.00</b>	CO 11
945	786	0.000	max N	<b>-0.68</b>	0.00	0.22	0.00	0.00	0.00	CO 9
			min N	<b>-21.32</b>	0.00	0.23	0.00	0.00	0.00	CO 18
			max V <sub>y</sub>	-18.96	<b>0.00</b>	0.23	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-0.68	<b>0.00</b>	0.22	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-21.32	0.00	<b>0.23</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	-0.68	0.00	<b>0.22</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-17.89	0.00	0.23	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.68	0.00	0.22	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.68	0.00	0.22	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-17.89	0.00	0.23	0.00	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-18.96	0.00	0.23	0.00	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-0.68	0.00	0.22	0.00	0.00	<b>0.00</b>	CO 9
	793	2.599	max N	<b>-0.42</b>	0.00	-0.22	0.00	0.00	0.00	CO 9
			min N	<b>-21.06</b>	0.00	-0.23	0.00	0.00	0.00	CO 18
			max V <sub>y</sub>	-2.13	<b>0.00</b>	-0.22	0.00	0.00	0.00	CO 2
			min V <sub>y</sub>	-12.01	<b>0.00</b>	-0.23	0.00	0.00	0.00	CO 15
			max V <sub>z</sub>	-0.42	0.00	<b>-0.22</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-21.06	0.00	<b>-0.23</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-17.63	0.00	-0.23	<b>0.00</b>	0.00	0.00	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-0.42	0.00	-0.22	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-18.70	0.00	-0.23	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-5.68	0.00	-0.22	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-0.70	0.00	-0.22	0.00	0.00	<b>0.00</b>	CO 11
			min M <sub>z</sub>	-18.41	0.00	-0.23	0.00	0.00	<b>0.00</b>	CO 16
	793	2.599	Max N	<b>-0.42</b>	0.00	-0.22	0.00	0.00	0.00	CO 9
	786	0.000	Min N	<b>-21.32</b>	0.00	0.23	0.00	0.00	0.00	CO 18
	786	0.000	Max V <sub>y</sub>	-18.96	<b>0.00</b>	0.23	0.00	0.00	0.00	CO 17
	793	2.599	Min V <sub>y</sub>	-12.01	<b>0.00</b>	-0.23	0.00	0.00	0.00	CO 15
	786	0.000	Max V <sub>z</sub>	-21.32	0.00	<b>0.23</b>	0.00	0.00	0.00	CO 18
	793	2.599	Min V <sub>z</sub>	-21.06	0.00	<b>-0.23</b>	0.00	0.00	0.00	CO 18
		1.299	Max M <sub>T</sub>	-17.76	0.00	0.00	<b>0.00</b>	0.15	0.00	CO 12
	786	0.000	Min M <sub>T</sub>	-0.68	0.00	0.22	<b>0.00</b>	0.00	0.00	CO 9
		1.299	Max M <sub>y</sub>	-21.19	0.00	0.00	0.00	<b>0.15</b>	0.00	CO 18
	786	0.000	Min M <sub>y</sub>	-17.89	0.00	0.23	0.00	<b>0.00</b>	0.00	CO 12
	793	2.599	Max M <sub>z</sub>	-0.70	0.00	-0.22	0.00	0.00	<b>0.00</b>	CO 11
	786	0.000	Min M <sub>z</sub>	-0.68	0.00	0.22	0.00	0.00	<b>0.00</b>	CO 9
2042	438	0.000	max N	<b>-12.51</b>	-1.16	-6.03	0.00	-3.39	0.38	CO 9
			min N	<b>-67.06</b>	-0.66	-2.17	0.00	0.31	-0.66	CO 17
			max V <sub>y</sub>	-13.34	<b>35.06</b>	-13.45	0.00	1.95	7.45	CO 8
			min V <sub>y</sub>	-52.95	<b>-1.60</b>	-7.42	0.00	-3.19	-0.14	CO 13
			max V <sub>z</sub>	-51.25	-0.52	<b>-0.68</b>	0.00	0.10	-0.53	CO 16
			min V <sub>z</sub>	-29.14	35.01	<b>-14.94</b>	0.00	2.16	7.33	CO 10
			max M <sub>T</sub>	-31.86	-0.21	-2.30	<b>0.00</b>	0.32	-0.11	CO 2
			min M <sub>T</sub>	-29.14	35.01	-14.94	<b>0.00</b>	2.16	7.33	CO 10
			max M <sub>y</sub>	-29.14	35.01	-14.94	0.00	<b>2.16</b>	7.33	CO 10
			min M <sub>y</sub>	-37.14	-1.47	-5.94	0.00	<b>-3.40</b>	-0.01	CO 15
			max M <sub>z</sub>	-13.34	35.06	-13.45	0.00	1.95	<b>7.45</b>	CO 8
			min M <sub>z</sub>	-67.06	-0.66	-2.17	0.00	0.31	<b>-0.66</b>	CO 17
		0.150	max N	<b>-12.35</b>	-1.16	-6.31	0.00	-4.31	0.55	CO 9
			min N	<b>-66.90</b>	-0.66	-2.17	0.00	-0.01	-0.56	CO 17
			max V <sub>y</sub>	-13.18	<b>35.06</b>	-14.19	0.00	-0.12	2.19	CO 8
			min V <sub>y</sub>	-52.79	<b>-1.60</b>	-7.70	0.00	-4.33	0.10	CO 13
			max V <sub>z</sub>	-51.10	-0.52	<b>-0.68</b>	0.00	0.00	-0.45	CO 16
			min V <sub>z</sub>	-28.98	35.02	<b>-15.68</b>	0.00	-0.14	2.08	CO 10
			max M <sub>T</sub>	-31.71	-0.21	-2.30	<b>0.00</b>	-0.03	-0.07	CO 2
			min M <sub>T</sub>	-13.18	35.06	-14.19	<b>0.00</b>	-0.12	2.19	CO 8
			max M <sub>y</sub>	-51.10	-0.52	-0.68	0.00	<b>0.00</b>	-0.45	CO 16
			min M <sub>y</sub>	-28.15	-1.29	-7.79	0.00	<b>-4.33</b>	0.44	CO 11
			max M <sub>z</sub>	-13.18	35.06	-14.19	0.00	-0.12	<b>2.19</b>	CO 8
			min M <sub>z</sub>	-66.90	-0.66	-2.17	0.00	-0.01	<b>-0.56</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max N	<b>-9.77</b>	2.43	7.81	0.00	-4.32	0.54	CO 9
			min N	<b>-64.06</b>	-6.92	-0.02	0.00	0.00	-0.55	CO 17
			max V <sub>y</sub>	-10.06	<b>13.21</b>	0.71	-0.01	-0.04	2.16	CO 8
			min V <sub>y</sub>	-64.06	<b>-6.92</b>	-0.02	0.00	0.00	-0.55	CO 17
			max V <sub>z</sub>	-34.33	-0.72	<b>7.81</b>	0.00	-4.32	0.19	CO 15
			min V <sub>z</sub>	-64.06	-6.92	<b>-0.02</b>	0.00	0.00	-0.55	CO 17
			max M <sub>T</sub>	-13.22	-0.87	0.00	<b>0.00</b>	0.00	0.05	CO 1
			min M <sub>T</sub>	-25.83	11.65	0.70	<b>-0.01</b>	-0.04	2.06	CO 10
			max M <sub>y</sub>	-64.06	-6.92	-0.02	0.00	<b>0.00</b>	-0.55	CO 17
			min M <sub>y</sub>	-34.33	-0.72	7.81	0.00	<b>-4.32</b>	0.19	CO 15
			max M <sub>z</sub>	-10.06	13.21	0.71	-0.01	-0.04	<b>2.16</b>	CO 8
			min M <sub>z</sub>	-64.06	-6.92	-0.02	0.00	0.00	<b>-0.55</b>	CO 17
	426	0.300	max N	<b>-9.62</b>	2.43	7.53	0.00	-3.17	0.18	CO 9
			min N	<b>-63.91</b>	-6.92	-0.02	0.00	0.00	0.49	CO 17
			max V <sub>y</sub>	-9.91	<b>13.21</b>	-0.03	0.00	0.01	0.18	CO 8
			min V <sub>y</sub>	-63.91	<b>-6.92</b>	-0.02	0.00	0.00	0.49	CO 17
			max V <sub>z</sub>	-34.17	-0.72	<b>7.53</b>	0.00	-3.17	0.30	CO 15
			min V <sub>z</sub>	-50.24	8.52	<b>-0.05</b>	0.00	0.01	0.44	CO 12
			max M <sub>T</sub>	-13.06	-0.87	0.00	<b>0.00</b>	0.00	0.17	CO 1
			min M <sub>T</sub>	-34.47	10.08	-0.04	<b>0.00</b>	0.01	0.30	CO 14
			max M <sub>y</sub>	-34.47	10.08	-0.04	0.00	<b>0.01</b>	0.30	CO 14
			min M <sub>y</sub>	-25.38	0.86	7.53	0.00	<b>-3.17</b>	0.31	CO 11
			max M <sub>z</sub>	-62.02	1.54	-0.04	0.00	0.00	<b>0.49</b>	CO 18
			min M <sub>z</sub>	-13.06	-0.87	0.00	0.00	0.00	<b>0.17</b>	CO 1
	426	0.300	Max N	<b>-9.62</b>	2.43	7.53	0.00	-3.17	0.18	CO 9
	438	0.000	Min N	<b>-67.06</b>	-0.66	-2.17	0.00	0.31	-0.66	CO 17
		0.150	Max V <sub>y</sub>	-13.18	<b>35.06</b>	-14.19	0.00	-0.12	2.19	CO 8
		0.250	Min V <sub>y</sub>	-63.96	<b>-6.92</b>	-0.02	0.00	0.00	0.15	CO 17
		0.150	Max V <sub>z</sub>	-34.33	-0.72	<b>7.81</b>	0.00	-4.32	0.19	CO 15
		0.150	Min V <sub>z</sub>	-28.98	35.02	<b>-15.68</b>	0.00	-0.14	2.08	CO 10
	438	0.000	Max M <sub>T</sub>	-31.86	-0.21	-2.30	<b>0.00</b>	0.32	-0.11	CO 2
		0.150	Min M <sub>T</sub>	-25.83	11.65	0.70	<b>-0.01</b>	-0.04	2.06	CO 10
	438	0.000	Max M <sub>y</sub>	-29.14	35.01	-14.94	0.00	<b>2.16</b>	7.33	CO 10
		0.150	Min M <sub>y</sub>	-28.15	-1.29	-7.79	0.00	<b>-4.33</b>	0.44	CO 11
	438	0.000	Max M <sub>z</sub>	-13.34	35.06	-13.45	0.00	1.95	<b>7.45</b>	CO 8
	438	0.000	Min M <sub>z</sub>	-67.06	-0.66	-2.17	0.00	0.31	<b>-0.66</b>	CO 17
2043	439	0.000	max N	<b>-10.98</b>	-3.93	-7.14	-0.02	1.05	1.00	CO 8
			min N	<b>-46.34</b>	0.07	-1.14	-0.02	0.15	-6.54	CO 17
			max V <sub>y</sub>	-35.16	<b>0.61</b>	-0.29	-0.01	0.03	-4.67	CO 16
			min V <sub>y</sub>	-22.34	<b>-4.85</b>	-3.74	0.02	-3.65	-4.50	CO 11
			max V <sub>z</sub>	-13.07	-0.02	<b>-0.27</b>	-0.01	0.04	-1.50	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-37.62	-4.03	<b>-8.02</b>	-0.03	1.17	-3.08	CO 12
			max M <sub>T</sub>	-11.16	-4.32	-2.89	<b>0.02</b>	-3.77	-2.63	CO 9
			min M <sub>T</sub>	-37.62	-4.03	-8.02	<b>-0.03</b>	1.17	-3.08	CO 12
			max M <sub>y</sub>	-22.16	-4.46	-8.00	-0.03	<b>1.17</b>	-0.87	CO 10
			min M <sub>y</sub>	-26.62	-3.88	-2.90	0.02	<b>-3.78</b>	-4.84	CO 15
			max M <sub>z</sub>	-10.98	-3.93	-7.14	-0.02	1.05	<b>1.00</b>	CO 8
			min M <sub>z</sub>	-45.19	-2.51	-2.71	0.00	-2.13	<b>-7.22</b>	CO 19
		0.150	max N	<b>-10.82</b>	-4.17	-7.51	-0.02	-0.05	1.61	CO 8
			min N	<b>-46.18</b>	0.07	-1.14	-0.02	-0.02	-6.55	CO 17
			max V <sub>y</sub>	-35.00	<b>0.60</b>	-0.29	-0.01	-0.01	-4.76	CO 16
			min V <sub>y</sub>	-22.19	<b>-5.09</b>	-3.88	0.02	-4.22	-3.75	CO 11
			max V <sub>z</sub>	-12.92	-0.02	<b>-0.27</b>	-0.01	-0.01	-1.50	CO 1
			min V <sub>z</sub>	-37.46	-4.27	<b>-8.39</b>	-0.03	-0.06	-2.46	CO 12
			max M <sub>T</sub>	-11.00	-4.56	-3.03	<b>0.02</b>	-4.22	-1.96	CO 9
			min M <sub>T</sub>	-37.46	-4.27	-8.39	<b>-0.03</b>	-0.06	-2.46	CO 12
			max M <sub>y</sub>	-12.92	-0.02	-0.27	-0.01	<b>-0.01</b>	-1.50	CO 1
			min M <sub>y</sub>	-37.64	-4.66	-3.90	0.01	<b>-4.23</b>	-6.03	CO 13
			max M <sub>z</sub>	-10.82	-4.17	-7.51	-0.02	-0.05	<b>1.61</b>	CO 8
			min M <sub>z</sub>	-45.03	-2.66	-2.80	0.00	-2.55	<b>-6.83</b>	CO 19
			max N	<b>-9.71</b>	-4.18	0.50	-0.02	-0.05	1.53	CO 8
			min N	<b>-45.06</b>	0.07	0.12	-0.02	-0.02	-6.45	CO 17
			max V <sub>y</sub>	-33.88	<b>0.61</b>	0.08	-0.01	-0.01	-4.69	CO 16
			min V <sub>y</sub>	-21.07	<b>-5.09</b>	6.54	0.02	-4.22	-3.67	CO 11
			max V <sub>z</sub>	-36.52	-4.66	<b>6.57</b>	0.01	-4.23	-5.92	CO 13
			min V <sub>z</sub>	-11.80	-0.02	<b>0.04</b>	-0.01	-0.01	-1.48	CO 1
			max M <sub>T</sub>	-9.88	-4.55	6.49	<b>0.02</b>	-4.22	-1.91	CO 9
			min M <sub>T</sub>	-36.35	-4.27	0.57	<b>-0.03</b>	-0.06	-2.48	CO 12
			max M <sub>y</sub>	-11.80	-0.02	0.04	-0.01	<b>-0.01</b>	-1.48	CO 1
			min M <sub>y</sub>	-36.52	-4.66	6.57	0.01	<b>-4.23</b>	-5.92	CO 13
			max M <sub>z</sub>	-9.71	-4.18	0.50	-0.02	-0.05	<b>1.53</b>	CO 8
			min M <sub>z</sub>	-43.91	-2.66	4.00	0.00	-2.55	<b>-6.71</b>	CO 19
	1698	0.300	max N	<b>-9.55</b>	-4.42	0.13	-0.02	0.00	2.17	CO 8
			min N	<b>-44.91</b>	0.06	0.12	-0.02	0.00	-6.46	CO 17
			max V <sub>y</sub>	-33.73	<b>0.60</b>	0.08	-0.01	0.00	-4.78	CO 16
			min V <sub>y</sub>	-20.91	<b>-5.33</b>	6.40	0.02	-3.25	-2.89	CO 11
			max V <sub>z</sub>	-36.37	-4.90	<b>6.43</b>	0.01	-3.25	-5.20	CO 13
			min V <sub>z</sub>	-11.64	-0.02	<b>0.04</b>	-0.01	0.00	-1.48	CO 1
			max M <sub>T</sub>	-9.72	-4.79	6.35	<b>0.02</b>	-3.25	-1.21	CO 9
			min M <sub>T</sub>	-36.19	-4.51	0.20	<b>-0.03</b>	0.00	-1.82	CO 12
			max M <sub>y</sub>	-22.83	-0.55	0.09	-0.01	<b>0.00</b>	-3.15	CO 2
			min M <sub>y</sub>	-25.18	-4.36	6.38	0.02	<b>-3.25</b>	-3.52	CO 15

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-9.55	-4.42	0.13	-0.02	0.00	<b>2.17</b>	CO 8
			min M <sub>z</sub>	-44.91	0.06	0.12	-0.02	0.00	<b>-6.46</b>	CO 17
	1698	0.300	Max N	<b>-9.55</b>	-4.42	0.13	-0.02	0.00	2.17	CO 8
	439	0.000	Min N	<b>-46.34</b>	0.07	-1.14	-0.02	0.15	-6.54	CO 17
	439	0.000	Max V <sub>y</sub>	-35.16	<b>0.61</b>	-0.29	-0.01	0.03	-4.67	CO 16
	1698	0.300	Min V <sub>y</sub>	-20.91	<b>-5.33</b>	6.40	0.02	-3.25	-2.89	CO 11
		0.150	Max V <sub>z</sub>	-36.52	-4.66	<b>6.57</b>	0.01	-4.23	-5.92	CO 13
		0.150	Min V <sub>z</sub>	-37.46	-4.27	<b>-8.39</b>	-0.03	-0.06	-2.46	CO 12
		0.150	Max M <sub>T</sub>	-9.88	-4.55	6.49	<b>0.02</b>	-4.22	-1.91	CO 9
	1698	0.300	Min M <sub>T</sub>	-36.19	-4.51	0.20	<b>-0.03</b>	0.00	-1.82	CO 12
	439	0.000	Max M <sub>y</sub>	-22.16	-4.46	-8.00	-0.03	<b>1.17</b>	-0.87	CO 10
		0.150	Min M <sub>y</sub>	-37.64	-4.66	-3.90	0.01	<b>-4.23</b>	-6.03	CO 13
	1698	0.300	Max M <sub>z</sub>	-9.55	-4.42	0.13	-0.02	0.00	<b>2.17</b>	CO 8
	439	0.000	Min M <sub>z</sub>	-45.19	-2.51	-2.71	0.00	-2.13	<b>-7.22</b>	CO 19
2044	440	0.000	max N	<b>-10.74</b>	35.35	-15.89	-0.02	2.28	6.98	CO 8
			min N	<b>-73.12</b>	0.78	-2.11	0.00	0.30	-0.26	CO 17
			max V <sub>y</sub>	-54.53	<b>36.14</b>	-17.27	-0.02	2.49	7.07	CO 12
			min V <sub>y</sub>	-14.40	<b>-0.46</b>	-5.88	0.00	-2.12	-1.05	CO 9
			max V <sub>z</sub>	-55.88	0.44	<b>-0.66</b>	0.00	0.10	-0.22	CO 16
			min V <sub>z</sub>	-27.97	35.78	<b>-17.34</b>	-0.02	2.48	6.95	CO 10
			max M <sub>T</sub>	-58.18	0.10	-7.23	<b>0.00</b>	-1.92	-1.00	CO 13
			min M <sub>T</sub>	-27.97	35.78	-17.34	<b>-0.02</b>	2.48	6.95	CO 10
			max M <sub>y</sub>	-54.53	36.14	-17.27	-0.02	<b>2.49</b>	7.07	CO 12
			min M <sub>y</sub>	-40.95	-0.24	-5.79	0.00	<b>-2.12</b>	-0.96	CO 15
			max M <sub>z</sub>	-37.30	35.71	-15.82	-0.01	2.28	<b>7.09</b>	CO 14
			min M <sub>z</sub>	-31.63	-0.12	-7.32	0.00	-1.92	<b>-1.09</b>	CO 11
		0.150	max N	<b>-10.58</b>	35.35	-16.63	-0.01	-0.16	1.68	CO 8
			min N	<b>-72.96</b>	0.78	-2.11	0.00	-0.02	-0.38	CO 17
			max V <sub>y</sub>	-54.37	<b>36.15</b>	-18.01	-0.01	-0.16	1.64	CO 12
			min V <sub>y</sub>	-14.25	<b>-0.46</b>	-6.16	0.00	-3.02	-0.98	CO 9
			max V <sub>z</sub>	-55.73	0.44	<b>-0.66</b>	0.00	0.00	-0.29	CO 16
			min V <sub>z</sub>	-27.81	35.78	<b>-18.08</b>	-0.01	-0.17	1.59	CO 10
			max M <sub>T</sub>	-58.03	0.10	-7.51	<b>0.00</b>	-3.03	-1.02	CO 13
			min M <sub>T</sub>	-10.58	35.35	-16.63	<b>-0.01</b>	-0.16	1.68	CO 8
			max M <sub>y</sub>	-55.73	0.44	-0.66	0.00	<b>0.00</b>	-0.29	CO 16
			min M <sub>y</sub>	-31.48	-0.12	-7.60	0.00	<b>-3.04</b>	-1.07	CO 11
			max M <sub>z</sub>	-37.14	35.71	-16.56	-0.01	-0.15	<b>1.73</b>	CO 14
			min M <sub>z</sub>	-31.48	-0.12	-7.60	0.00	-3.04	<b>-1.07</b>	CO 11
			max N	<b>-7.09</b>	8.53	0.82	-0.01	-0.08	1.49	CO 8
			min N	<b>-70.46</b>	6.87	-0.03	0.00	0.00	-0.41	CO 17
			max V <sub>y</sub>	-50.98	<b>13.25</b>	0.75	-0.01	-0.07	1.44	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-11.49	<b>-3.14</b>	6.37	0.00	-3.02	-0.97	CO 9
			max V <sub>z</sub>	-11.49	-3.14	<b>6.37</b>	0.00	-3.02	-0.97	CO 9
			min V <sub>z</sub>	-70.46	6.87	<b>-0.03</b>	0.00	0.00	-0.41	CO 17
			max M <sub>T</sub>	-38.12	-0.04	6.37	<b>0.00</b>	-3.02	-0.92	CO 15
			min M <sub>T</sub>	-7.09	8.53	0.82	<b>-0.01</b>	-0.08	1.49	CO 8
			max M <sub>y</sub>	-70.46	6.87	-0.03	0.00	<b>0.00</b>	-0.41	CO 17
			min M <sub>y</sub>	-28.76	-1.55	6.37	0.00	<b>-3.02</b>	-1.08	CO 11
			max M <sub>z</sub>	-33.71	11.65	0.78	-0.01	-0.08	<b>1.55</b>	CO 14
			min M <sub>z</sub>	-28.76	-1.55	6.37	0.00	-3.02	<b>-1.08</b>	CO 11
	430	0.300	max N	<b>-6.93</b>	8.53	0.08	-0.01	-0.01	0.21	CO 8
			min N	<b>-70.31</b>	6.87	-0.03	0.00	0.00	-1.44	CO 17
			max V <sub>y</sub>	-50.83	<b>13.25</b>	0.01	-0.01	-0.02	-0.55	CO 12
			min V <sub>y</sub>	-11.34	<b>-3.14</b>	6.09	0.00	-2.08	-0.50	CO 9
			max V <sub>z</sub>	-11.34	-3.14	<b>6.09</b>	0.00	-2.08	-0.50	CO 9
			min V <sub>z</sub>	-70.31	6.87	<b>-0.03</b>	0.00	0.00	-1.44	CO 17
			max M <sub>T</sub>	-37.97	-0.04	6.09	<b>0.00</b>	-2.08	-0.91	CO 15
			min M <sub>T</sub>	-6.93	8.53	0.08	<b>-0.01</b>	-0.01	0.21	CO 8
			max M <sub>y</sub>	-53.04	5.28	-0.02	0.00	<b>0.00</b>	-1.09	CO 16
			min M <sub>y</sub>	-28.61	-1.55	6.09	0.00	<b>-2.08</b>	-0.85	CO 11
			max M <sub>z</sub>	-6.93	8.53	0.08	-0.01	-0.01	<b>0.21</b>	CO 8
			min M <sub>z</sub>	-68.11	4.48	3.63	0.00	-1.25	<b>-1.44</b>	CO 19
	430	0.300	Max N	<b>-6.93</b>	8.53	0.08	-0.01	-0.01	0.21	CO 8
	440	0.000	Min N	<b>-73.12</b>	0.78	-2.11	0.00	0.30	-0.26	CO 17
		0.150	Max V <sub>y</sub>	-54.37	<b>36.15</b>	-18.01	-0.01	-0.16	1.64	CO 12
	430	0.300	Min V <sub>y</sub>	-11.34	<b>-3.14</b>	6.09	0.00	-2.08	-0.50	CO 9
		0.150	Max V <sub>z</sub>	-11.49	-3.14	<b>6.37</b>	0.00	-3.02	-0.97	CO 9
		0.150	Min V <sub>z</sub>	-27.81	35.78	<b>-18.08</b>	-0.01	-0.17	1.59	CO 10
		0.150	Max M <sub>T</sub>	-58.03	0.10	-7.51	<b>0.00</b>	-3.03	-1.02	CO 13
	440	0.000	Min M <sub>T</sub>	-27.97	35.78	-17.34	<b>-0.02</b>	2.48	6.95	CO 10
	440	0.000	Max M <sub>y</sub>	-54.53	36.14	-17.27	-0.02	<b>2.49</b>	7.07	CO 12
		0.150	Min M <sub>y</sub>	-31.48	-0.12	-7.60	0.00	<b>-3.04</b>	-1.07	CO 11
	440	0.000	Max M <sub>z</sub>	-37.30	35.71	-15.82	-0.01	2.28	<b>7.09</b>	CO 14
	430	0.300	Min M <sub>z</sub>	-68.11	4.48	3.63	0.00	-1.25	<b>-1.44</b>	CO 19
2045	452	0.000	max N	<b>-2.38</b>	-6.23	-7.05	-0.01	1.07	-0.94	CO 8
			min N	<b>-41.61</b>	-0.03	-1.01	0.00	0.15	5.98	CO 17
			max V <sub>y</sub>	-19.09	<b>5.05</b>	-3.41	0.00	-0.88	4.23	CO 11
			min V <sub>y</sub>	-17.01	<b>-6.63</b>	-7.06	-0.01	1.07	1.16	CO 14
			max V <sub>z</sub>	-10.91	0.04	<b>-0.24</b>	0.00	0.03	1.32	CO 1
			min V <sub>z</sub>	-26.81	-6.13	<b>-7.82</b>	-0.01	1.19	2.82	CO 12
			max M <sub>T</sub>	-41.61	-0.03	-1.01	<b>0.00</b>	0.15	5.98	CO 17
			min M <sub>T</sub>	-2.38	-6.23	-7.05	<b>-0.01</b>	1.07	-0.94	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-26.81	-6.13	-7.82	-0.01	<b>1.19</b>	2.82	CO 12
			min M <sub>y</sub>	-23.92	4.16	-2.66	0.00	<b>-1.00</b>	4.69	CO 15
			max M <sub>z</sub>	-40.64	2.68	-2.46	0.00	-0.47	<b>6.74</b>	CO 19
			min M <sub>z</sub>	-2.38	-6.23	-7.05	-0.01	1.07	<b>-0.94</b>	CO 8
		0.150	max N	<b>-2.23</b>	-6.62	-7.42	-0.01	-0.01	0.02	CO 8
			min N	<b>-41.46</b>	-0.02	-1.01	0.00	0.00	5.98	CO 17
			max V <sub>y</sub>	-18.93	<b>5.53</b>	-3.55	0.00	-1.41	3.44	CO 11
			min V <sub>y</sub>	-16.86	<b>-7.02</b>	-7.43	-0.01	-0.01	2.19	CO 14
			max V <sub>z</sub>	-10.76	0.04	<b>-0.24</b>	0.00	0.00	1.31	CO 1
			min V <sub>z</sub>	-26.66	-6.52	<b>-8.19</b>	-0.01	-0.01	3.76	CO 12
			max M <sub>T</sub>	-41.46	-0.02	-1.01	<b>0.00</b>	0.00	5.98	CO 17
			min M <sub>T</sub>	-2.23	-6.62	-7.42	<b>-0.01</b>	-0.01	0.02	CO 8
			max M <sub>y</sub>	-10.76	0.04	-0.24	0.00	<b>0.00</b>	1.31	CO 1
			min M <sub>y</sub>	-33.56	5.14	-3.56	0.00	<b>-1.41</b>	5.60	CO 13
			max M <sub>z</sub>	-40.48	2.98	-2.54	0.00	-0.85	<b>6.31</b>	CO 19
			min M <sub>z</sub>	-2.23	-6.62	-7.42	-0.01	-0.01	<b>0.02</b>	CO 8
			max N	<b>-1.11</b>	-6.63	0.31	-0.01	-0.01	-0.06	CO 8
			min N	<b>-40.34</b>	-0.03	0.02	0.00	0.00	5.88	CO 17
			max V <sub>y</sub>	-17.81	<b>5.53</b>	3.54	0.00	-1.41	3.35	CO 11
			min V <sub>y</sub>	-15.74	<b>-7.03</b>	0.32	-0.01	-0.01	2.08	CO 14
			max V <sub>z</sub>	-32.44	5.14	<b>3.55</b>	0.00	-1.41	5.48	CO 13
			min V <sub>z</sub>	-9.64	0.04	<b>0.01</b>	0.00	0.00	1.29	CO 1
			max M <sub>T</sub>	-40.34	-0.03	0.02	<b>0.00</b>	0.00	5.88	CO 17
			min M <sub>T</sub>	-1.11	-6.63	0.31	<b>-0.01</b>	-0.01	-0.06	CO 8
			max M <sub>y</sub>	-9.64	0.04	0.01	0.00	<b>0.00</b>	1.29	CO 1
			min M <sub>y</sub>	-32.44	5.14	3.55	0.00	<b>-1.41</b>	5.48	CO 13
			max M <sub>z</sub>	-39.36	2.97	2.14	0.00	-0.85	<b>6.19</b>	CO 19
			min M <sub>z</sub>	-1.11	-6.63	0.31	-0.01	-0.01	<b>-0.06</b>	CO 8
	433	0.300	max N	<b>-0.96</b>	-7.01	-0.06	-0.01	0.01	0.97	CO 8
			min N	<b>-40.18</b>	-0.02	0.02	0.00	0.00	5.88	CO 17
			max V <sub>y</sub>	-17.66	<b>6.01</b>	3.40	0.00	-0.89	2.48	CO 11
			min V <sub>y</sub>	-15.59	<b>-7.41</b>	-0.05	-0.01	0.01	3.16	CO 14
			max V <sub>z</sub>	-32.29	5.62	<b>3.41</b>	0.00	-0.89	4.68	CO 13
			min V <sub>z</sub>	-0.96	-7.01	<b>-0.06</b>	-0.01	0.01	0.97	CO 8
			max M <sub>T</sub>	-40.18	-0.02	0.02	<b>0.00</b>	0.00	5.88	CO 17
			min M <sub>T</sub>	-0.96	-7.01	-0.06	<b>-0.01</b>	0.01	0.97	CO 8
			max M <sub>y</sub>	-10.76	-6.51	-0.05	-0.01	<b>0.01</b>	2.43	CO 10
			min M <sub>y</sub>	-22.49	5.12	3.40	0.00	<b>-0.89</b>	3.21	CO 15
			max M <sub>z</sub>	-40.18	-0.02	0.02	0.00	0.00	<b>5.88</b>	CO 17
			min M <sub>z</sub>	-0.96	-7.01	-0.06	-0.01	0.01	<b>0.97</b>	CO 8
	433	0.300	Max N	<b>-0.96</b>	-7.01	-0.06	-0.01	0.01	0.97	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	452	0.000	Min N	<b>-41.61</b>	-0.03	-1.01	0.00	0.15	5.98	CO 17
	433	0.300	Max V <sub>y</sub>	-17.66	<b>6.01</b>	3.40	0.00	-0.89	2.48	CO 11
	433	0.300	Min V <sub>y</sub>	-15.59	<b>-7.41</b>	-0.05	-0.01	0.01	3.16	CO 14
		0.150	Max V <sub>z</sub>	-32.44	5.14	<b>3.55</b>	0.00	-1.41	5.48	CO 13
		0.150	Min V <sub>z</sub>	-26.66	-6.52	<b>-8.19</b>	-0.01	-0.01	3.76	CO 12
	452	0.000	Max M <sub>T</sub>	-41.61	-0.03	-1.01	<b>0.00</b>	0.15	5.98	CO 17
	433	0.300	Min M <sub>T</sub>	-0.96	-7.01	-0.06	<b>-0.01</b>	0.01	0.97	CO 8
	452	0.000	Max M <sub>y</sub>	-26.81	-6.13	-7.82	-0.01	<b>1.19</b>	2.82	CO 12
		0.150	Min M <sub>y</sub>	-33.56	5.14	-3.56	0.00	<b>-1.41</b>	5.60	CO 13
	452	0.000	Max M <sub>z</sub>	-40.64	2.68	-2.46	0.00	-0.47	<b>6.74</b>	CO 19
	452	0.000	Min M <sub>z</sub>	-2.38	-6.23	-7.05	-0.01	1.07	<b>-0.94</b>	CO 8
2046	1830	0.000	max N	<b>11.25</b>	0.17	19.21	0.00	0.00	0.00	CO 10
			min N	<b>-1.31</b>	0.08	31.90	0.00	0.00	0.00	CO 16
			max V <sub>y</sub>	10.54	<b>0.19</b>	34.62	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	4.58	<b>-0.16</b>	8.05	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.94	0.12	<b>43.10</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	10.97	0.12	<b>8.04</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	10.20	0.15	23.45	<b>0.00</b>	0.00	0.00	CO 14
			min M <sub>T</sub>	4.85	-0.10	19.23	<b>0.00</b>	0.00	0.00	CO 11
			max M <sub>y</sub>	4.14	-0.07	34.66	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	10.20	0.15	23.45	0.00	<b>0.00</b>	0.00	CO 14
			max M <sub>z</sub>	4.14	-0.07	34.66	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	10.20	0.15	23.45	0.00	0.00	<b>0.00</b>	CO 14
		0.700	max N	<b>11.31</b>	0.17	16.42	0.01	12.47	-0.12	CO 10
			min N	<b>-1.20</b>	0.08	26.20	0.00	20.34	-0.05	CO 16
			max V <sub>y</sub>	10.64	<b>0.19</b>	28.78	0.01	22.19	-0.14	CO 12
			min V <sub>y</sub>	4.60	<b>-0.16</b>	7.17	0.00	5.33	0.11	CO 9
			max V <sub>z</sub>	-0.82	0.12	<b>35.48</b>	0.00	27.50	-0.09	CO 17
			min V <sub>z</sub>	11.00	0.12	<b>7.16</b>	0.00	5.32	-0.09	CO 8
			max M <sub>T</sub>	10.64	0.19	28.78	<b>0.01</b>	22.19	-0.14	CO 12
			min M <sub>T</sub>	0.11	0.09	17.79	<b>0.00</b>	13.59	-0.06	CO 2
			max M <sub>y</sub>	-0.82	0.12	35.48	0.00	<b>27.50</b>	-0.09	CO 17
			min M <sub>y</sub>	11.00	0.12	7.16	0.00	<b>5.32</b>	-0.09	CO 8
			max M <sub>z</sub>	4.60	-0.16	7.17	0.00	5.33	<b>0.11</b>	CO 9
			min M <sub>z</sub>	10.64	0.19	28.78	0.01	22.19	<b>-0.14</b>	CO 12
			max N	<b>11.44</b>	-0.24	11.01	0.01	12.00	-0.12	CO 10
			min N	<b>-1.06</b>	-0.08	19.89	0.00	19.53	-0.05	CO 16
			max V <sub>y</sub>	4.68	<b>0.07</b>	4.19	0.00	5.12	0.11	CO 9
			min V <sub>y</sub>	10.80	<b>-0.27</b>	21.04	0.01	21.33	-0.14	CO 12
			max V <sub>z</sub>	-0.64	-0.12	<b>26.73</b>	0.00	26.43	-0.09	CO 17
			min V <sub>z</sub>	11.07	-0.20	<b>4.19</b>	0.00	5.12	-0.09	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	10.80	-0.27	21.04	<b>0.01</b>	21.33	-0.14	CO 12
			min M <sub>T</sub>	0.24	-0.07	12.36	<b>0.00</b>	13.06	-0.06	CO 2
			max M <sub>y</sub>	-0.64	-0.12	26.73	0.00	<b>26.43</b>	-0.09	CO 17
			min M <sub>y</sub>	11.07	-0.20	4.19	0.00	<b>5.12</b>	-0.09	CO 8
			max M <sub>z</sub>	4.68	0.07	4.19	0.00	5.12	<b>0.11</b>	CO 9
			min M <sub>z</sub>	10.80	-0.27	21.04	0.01	21.33	<b>-0.14</b>	CO 12
		1.600	max N	<b>11.52</b>	-0.24	7.44	0.01	20.29	0.09	CO 10
			min N	<b>-0.93</b>	-0.08	12.55	0.00	34.13	0.01	CO 16
			max V <sub>y</sub>	4.71	<b>0.07</b>	3.07	0.00	8.39	0.05	CO 9
			min V <sub>y</sub>	10.94	<b>-0.27</b>	13.55	0.02	36.89	0.11	CO 12
			max V <sub>z</sub>	-0.49	-0.12	<b>16.94</b>	0.00	46.08	0.02	CO 17
			min V <sub>z</sub>	11.10	-0.19	<b>3.06</b>	0.00	8.38	0.09	CO 8
			max M <sub>T</sub>	10.94	-0.27	13.55	<b>0.02</b>	36.89	0.11	CO 12
			min M <sub>T</sub>	0.33	-0.07	8.18	<b>0.00</b>	22.31	0.00	CO 2
			max M <sub>y</sub>	-0.49	-0.12	16.94	0.00	<b>46.08</b>	0.02	CO 17
			min M <sub>y</sub>	11.10	-0.19	3.06	0.00	<b>8.38</b>	0.09	CO 8
			max M <sub>z</sub>	10.94	-0.27	13.55	0.02	36.89	<b>0.11</b>	CO 12
			min M <sub>z</sub>	-0.09	-0.03	3.80	0.00	10.36	<b>0.00</b>	CO 1
			max N	<b>11.65</b>	0.02	2.37	0.01	20.32	0.09	CO 10
			min N	<b>-0.78</b>	0.00	6.82	0.00	34.15	0.01	CO 16
			max V <sub>y</sub>	10.64	<b>0.02</b>	4.30	0.01	24.99	0.10	CO 14
			min V <sub>y</sub>	0.46	<b>0.00</b>	3.13	0.00	22.33	0.00	CO 2
			max V <sub>z</sub>	-0.30	0.00	<b>8.97</b>	0.00	46.12	0.02	CO 17
			min V <sub>z</sub>	11.18	0.02	<b>0.23</b>	0.00	8.39	0.09	CO 8
			max M <sub>T</sub>	11.11	0.02	6.44	<b>0.02</b>	36.93	0.11	CO 12
			min M <sub>T</sub>	0.46	0.00	3.13	<b>0.00</b>	22.33	0.00	CO 2
			max M <sub>y</sub>	-0.30	0.00	8.97	0.00	<b>46.12</b>	0.02	CO 17
			min M <sub>y</sub>	11.18	0.02	0.23	0.00	<b>8.39</b>	0.09	CO 8
			max M <sub>z</sub>	11.11	0.02	6.44	0.02	36.93	<b>0.11</b>	CO 12
			min M <sub>z</sub>	-0.01	0.00	0.98	0.00	10.37	<b>0.00</b>	CO 1
		2.067	max N	<b>11.70</b>	0.02	0.52	0.01	20.99	0.08	CO 10
			min N	<b>-0.69</b>	0.00	3.02	0.00	36.45	0.01	CO 16
			max V <sub>y</sub>	10.70	<b>0.02</b>	1.69	0.01	26.39	0.09	CO 14
			min V <sub>y</sub>	0.01	<b>0.00</b>	0.09	0.00	10.62	0.00	CO 1
			max V <sub>z</sub>	-0.19	0.00	<b>3.89</b>	0.00	49.13	0.02	CO 17
			min V <sub>z</sub>	11.20	0.02	<b>-0.35</b>	0.00	8.36	0.08	CO 8
			max M <sub>T</sub>	11.21	0.02	2.55	<b>0.02</b>	39.03	0.10	CO 12
			min M <sub>T</sub>	0.52	0.00	0.97	<b>0.00</b>	23.29	0.00	CO 2
			max M <sub>y</sub>	-0.19	0.00	3.89	0.00	<b>49.13</b>	0.02	CO 17
			min M <sub>y</sub>	11.20	0.02	-0.35	0.00	<b>8.36</b>	0.08	CO 8
			max M <sub>z</sub>	11.21	0.02	2.55	0.02	39.03	<b>0.10</b>	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	0.01	0.00	0.09	0.00	10.62	<b>0.00</b>	CO 1
			max N	<b>11.70</b>	0.02	0.52	0.01	20.99	0.08	CO 10
			min N	<b>-0.69</b>	0.00	3.02	0.00	36.45	0.01	CO 16
			max V <sub>y</sub>	10.70	<b>0.02</b>	1.69	0.01	26.39	0.09	CO 14
			min V <sub>y</sub>	0.01	<b>0.00</b>	0.09	0.00	10.62	0.00	CO 1
			max V <sub>z</sub>	-0.19	0.00	<b>3.89</b>	0.00	49.13	0.02	CO 17
			min V <sub>z</sub>	11.20	0.02	<b>-0.35</b>	0.00	8.36	0.08	CO 8
			max M <sub>T</sub>	11.21	0.02	2.55	<b>0.02</b>	39.03	0.10	CO 12
			min M <sub>T</sub>	0.52	0.00	0.97	<b>0.00</b>	23.29	0.00	CO 2
			max M <sub>y</sub>	-0.19	0.00	3.89	0.00	<b>49.13</b>	0.02	CO 17
			min M <sub>y</sub>	11.20	0.02	-0.35	0.00	<b>8.36</b>	0.08	CO 8
			max M <sub>z</sub>	11.21	0.02	2.55	0.02	39.03	<b>0.10</b>	CO 12
			min M <sub>z</sub>	0.01	0.00	0.09	0.00	10.62	<b>0.00</b>	CO 1
		3.385	max N	<b>11.85</b>	0.02	-4.71	0.01	18.22	0.05	CO 10
			min N	<b>-0.39</b>	0.00	-7.72	0.00	33.35	0.01	CO 16
			max V <sub>y</sub>	11.52	<b>0.03</b>	-8.41	0.02	35.17	0.06	CO 12
			min V <sub>y</sub>	0.08	<b>0.00</b>	-2.42	0.00	9.08	0.00	CO 1
			max V <sub>z</sub>	11.24	0.02	<b>-2.00</b>	0.00	6.81	0.05	CO 8
			min V <sub>z</sub>	0.23	0.01	<b>-10.44</b>	0.00	44.81	0.02	CO 17
			max M <sub>T</sub>	11.52	0.03	-8.41	<b>0.02</b>	35.17	0.06	CO 12
			min M <sub>T</sub>	0.69	0.00	-5.14	<b>0.00</b>	20.53	0.00	CO 2
			max M <sub>y</sub>	0.23	0.01	-10.44	0.00	<b>44.81</b>	0.02	CO 17
			min M <sub>y</sub>	11.24	0.02	-2.00	0.00	<b>6.81</b>	0.05	CO 8
			max M <sub>z</sub>	11.52	0.03	-8.41	0.02	35.17	<b>0.06</b>	CO 12
			min M <sub>z</sub>	0.08	0.00	-2.42	0.00	9.08	<b>0.00</b>	CO 1
			max N	<b>11.85</b>	0.02	-4.71	0.01	18.22	0.05	CO 10
			min N	<b>-0.39</b>	0.00	-7.72	0.00	33.35	0.01	CO 16
			max V <sub>y</sub>	11.52	<b>0.03</b>	-8.41	0.02	35.17	0.06	CO 12
			min V <sub>y</sub>	0.08	<b>0.00</b>	-2.42	0.00	9.08	0.00	CO 1
			max V <sub>z</sub>	11.24	0.02	<b>-2.00</b>	0.00	6.81	0.05	CO 8
			min V <sub>z</sub>	0.23	0.01	<b>-10.44</b>	0.00	44.81	0.02	CO 17
			max M <sub>T</sub>	11.52	0.03	-8.41	<b>0.02</b>	35.17	0.06	CO 12
			min M <sub>T</sub>	0.69	0.00	-5.14	<b>0.00</b>	20.53	0.00	CO 2
			max M <sub>y</sub>	0.23	0.01	-10.44	0.00	<b>44.81</b>	0.02	CO 17
			min M <sub>y</sub>	11.24	0.02	-2.00	0.00	<b>6.81</b>	0.05	CO 8
			max M <sub>z</sub>	11.52	0.03	-8.41	0.02	35.17	<b>0.06</b>	CO 12
			min M <sub>z</sub>	0.08	0.00	-2.42	0.00	9.08	<b>0.00</b>	CO 1
	1831	5.452	max N	<b>12.13</b>	0.03	-25.63	0.00	0.00	0.00	CO 12
			min N	<b>0.20</b>	0.00	-24.55	0.00	0.00	0.00	CO 16
			max V <sub>y</sub>	12.13	<b>0.03</b>	-25.63	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	0.20	<b>0.00</b>	-6.36	0.00	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	11.32	0.02	<b>-4.59</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	1.06	0.01	<b>-32.91</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	11.29	0.03	-17.29	<b>0.00</b>	0.00	0.00	CO 14
			min M <sub>T</sub>	5.72	0.01	-12.95	<b>0.00</b>	0.00	0.00	CO 11
			max M <sub>y</sub>	5.74	0.01	-25.67	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	11.29	0.03	-17.29	0.00	<b>0.00</b>	0.00	CO 14
			max M <sub>z</sub>	11.29	0.03	-17.29	0.00	0.00	<b>0.00</b>	CO 14
			min M <sub>z</sub>	5.74	0.01	-25.67	0.00	0.00	<b>0.00</b>	CO 13
	1831	5.452	Max N	<b>12.13</b>	0.03	-25.63	0.00	0.00	0.00	CO 12
	1830	0.000	Min N	<b>-1.31</b>	0.08	31.90	0.00	0.00	0.00	CO 16
		0.700	Max V <sub>y</sub>	10.64	<b>0.19</b>	28.78	0.01	22.19	-0.14	CO 12
		0.700	Min V <sub>y</sub>	10.80	<b>-0.27</b>	21.04	0.01	21.33	-0.14	CO 12
	1830	0.000	Max V <sub>z</sub>	-0.94	0.12	<b>43.10</b>	0.00	0.00	0.00	CO 17
	1831	5.452	Min V <sub>z</sub>	1.06	0.01	<b>-32.91</b>	0.00	0.00	0.00	CO 17
		2.594	Max M <sub>T</sub>	11.32	0.02	-1.83	<b>0.02</b>	39.22	0.08	CO 12
	1831	5.452	Min M <sub>T</sub>	5.72	0.01	-12.95	<b>0.00</b>	0.00	0.00	CO 11
		2.331	Max M <sub>y</sub>	-0.12	0.00	1.02	0.00	<b>49.77</b>	0.02	CO 17
	1831	5.452	Min M <sub>y</sub>	11.29	0.03	-17.29	0.00	<b>0.00</b>	0.00	CO 14
		0.700	Max M <sub>z</sub>	4.68	0.07	4.19	0.00	5.12	<b>0.11</b>	CO 9
		0.700	Min M <sub>z</sub>	10.80	-0.27	21.04	0.01	21.33	<b>-0.14</b>	CO 12
2047	1829	0.000	max N	<b>7.10</b>	0.00	28.54	0.00	0.00	0.00	CO 19
			min N	<b>-2.11</b>	0.00	3.43	-0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	4.69	<b>0.00</b>	15.31	0.00	0.00	0.00	CO 15
			min V <sub>y</sub>	2.25	<b>-0.01</b>	22.76	-0.01	0.00	0.00	CO 12
			max V <sub>z</sub>	6.19	-0.01	<b>29.60</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	2.27	0.00	<b>3.43</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	4.23	0.00	22.18	<b>0.00</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	2.25	-0.01	22.76	<b>-0.01</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.74	0.00	5.20	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	2.25	-0.01	22.76	-0.01	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	2.25	-0.01	22.76	-0.01	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.74	0.00	5.20	0.00	0.00	<b>0.00</b>	CO 1
	1832	5.452	max N	<b>8.68</b>	0.00	-28.53	0.00	0.00	0.00	CO 19
			min N	<b>-1.92</b>	0.00	-3.43	-0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	3.51	<b>0.03</b>	-22.75	-0.01	0.00	0.00	CO 12
			min V <sub>y</sub>	5.54	<b>0.00</b>	-15.31	0.00	0.00	0.00	CO 15
			max V <sub>z</sub>	2.46	0.00	<b>-3.43</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	7.84	0.01	<b>-29.60</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	5.46	0.00	-22.18	<b>0.00</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	3.51	0.03	-22.75	<b>-0.01</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	1.03	0.00	-5.20	0.00	<b>0.00</b>	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	3.51	0.03	-22.75	-0.01	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	1.03	0.00	-5.20	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	3.51	0.03	-22.75	-0.01	0.00	<b>0.00</b>	CO 12
	1832	5.452	Max N	<b>8.68</b>	0.00	-28.53	0.00	0.00	0.00	CO 19
	1829	0.000	Min N	<b>-2.11</b>	0.00	3.43	-0.01	0.00	0.00	CO 8
	1832	5.452	Max V <sub>y</sub>	3.51	<b>0.03</b>	-22.75	-0.01	0.00	0.00	CO 12
	1829	0.000	Min V <sub>y</sub>	2.25	<b>-0.01</b>	22.76	-0.01	0.00	0.00	CO 12
	1829	0.000	Max V <sub>z</sub>	6.19	-0.01	<b>29.60</b>	0.00	0.00	0.00	CO 17
	1832	5.452	Min V <sub>z</sub>	7.84	0.01	<b>-29.60</b>	0.00	0.00	0.00	CO 17
	1829	0.000	Max M <sub>T</sub>	4.23	0.00	22.18	<b>0.00</b>	0.00	0.00	CO 16
		2.726	Min M <sub>T</sub>	2.78	0.00	0.00	<b>-0.03</b>	31.01	0.03	CO 12
		2.726	Max M <sub>y</sub>	6.83	0.00	0.00	0.00	<b>40.33</b>	0.01	CO 17
	1829	0.000	Min M <sub>y</sub>	2.25	-0.01	22.76	-0.01	<b>0.00</b>	0.00	CO 12
		3.222	Max M <sub>z</sub>	2.90	0.00	-4.14	-0.03	29.99	<b>0.03</b>	CO 12
		2.478	Min M <sub>z</sub>	5.03	0.00	1.39	0.00	20.70	<b>0.00</b>	CO 15
2048	1833	0.000	max N	<b>5.61</b>	-0.02	16.52	0.00	0.00	0.00	CO 11
			min N	<b>-11.34</b>	0.06	16.72	0.01	0.00	0.00	CO 14
			max V <sub>y</sub>	-10.60	<b>0.09</b>	2.05	0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	2.52	<b>-0.03</b>	38.13	0.00	0.00	0.00	CO 19
			max V <sub>z</sub>	-0.78	-0.03	<b>39.22</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-10.60	0.09	<b>2.05</b>	0.01	0.00	0.00	CO 8
			max M <sub>T</sub>	-10.34	0.08	11.85	<b>0.01</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	4.62	-0.03	21.37	<b>0.00</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	5.61	-0.02	16.52	0.00	<b>0.00</b>	0.00	CO 11
			min M <sub>y</sub>	-10.34	0.08	11.85	0.01	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	2.14	-0.03	28.36	0.00	0.00	<b>0.00</b>	CO 21
			min M <sub>z</sub>	-11.02	0.04	26.52	0.01	0.00	<b>0.00</b>	CO 12
			max N	<b>5.61</b>	-0.02	16.52	0.00	0.00	0.00	CO 11
			min N	<b>-11.34</b>	0.06	16.72	0.01	0.00	0.00	CO 14
			max V <sub>y</sub>	-10.60	<b>0.09</b>	2.05	0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	2.52	<b>-0.03</b>	38.13	0.00	0.00	0.00	CO 19
			max V <sub>z</sub>	-0.78	-0.03	<b>39.22</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-10.60	0.09	<b>2.05</b>	0.01	0.00	0.00	CO 8
			max M <sub>T</sub>	-10.34	0.08	11.85	<b>0.01</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	4.62	-0.03	21.37	<b>0.00</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	-0.78	-0.03	39.22	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-10.60	0.09	2.05	0.01	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	2.14	-0.03	28.36	0.00	0.00	<b>0.00</b>	CO 21
			min M <sub>z</sub>	-11.02	0.04	26.52	0.01	0.00	<b>0.00</b>	CO 12
		2.067	max N	<b>5.79</b>	-0.02	8.30	0.00	25.65	0.03	CO 11
			min N	<b>-11.17</b>	0.07	8.39	0.02	25.96	-0.14	CO 14

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-10.62	<b>0.09</b>	2.77	0.01	4.99	-0.19	CO 8
			min V <sub>y</sub>	4.85	<b>-0.03</b>	9.76	-0.01	32.18	0.06	CO 15
			max V <sub>z</sub>	-0.45	-0.02	<b>16.74</b>	0.00	57.84	0.05	CO 17
			min V <sub>z</sub>	-10.62	0.09	<b>2.77</b>	0.01	4.99	-0.19	CO 8
			max M <sub>T</sub>	-10.77	0.06	12.54	<b>0.02</b>	40.38	-0.12	CO 12
			min M <sub>T</sub>	5.25	-0.03	13.90	<b>-0.01</b>	46.54	0.06	CO 13
			max M <sub>y</sub>	-0.45	-0.02	16.74	0.00	<b>57.84</b>	0.05	CO 17
			min M <sub>y</sub>	-10.62	0.09	2.77	0.01	<b>4.99</b>	-0.19	CO 8
			max M <sub>z</sub>	4.85	-0.03	9.76	-0.01	32.18	<b>0.06</b>	CO 15
			min M <sub>z</sub>	-10.62	0.09	2.77	0.01	4.99	<b>-0.19</b>	CO 8
			max N	<b>5.94</b>	0.03	2.63	0.00	25.05	0.03	CO 11
			min N	<b>-11.00</b>	-0.21	2.34	0.02	25.37	-0.14	CO 14
			max V <sub>y</sub>	3.07	<b>0.08</b>	6.92	-0.01	55.12	0.06	CO 19
			min V <sub>y</sub>	-10.53	<b>-0.24</b>	-0.56	0.01	4.89	-0.19	CO 8
			max V <sub>z</sub>	-0.21	0.07	<b>7.19</b>	0.00	56.50	0.05	CO 17
			min V <sub>z</sub>	-10.53	-0.24	<b>-0.56</b>	0.01	4.89	-0.19	CO 8
			max M <sub>T</sub>	-10.55	-0.19	4.15	<b>0.02</b>	39.46	-0.12	CO 12
			min M <sub>T</sub>	5.47	0.07	5.51	<b>-0.01</b>	45.46	0.06	CO 13
			max M <sub>y</sub>	-0.21	0.07	7.19	0.00	<b>56.50</b>	0.05	CO 17
			min M <sub>y</sub>	-10.53	-0.24	-0.56	0.01	<b>4.89</b>	-0.19	CO 8
			max M <sub>z</sub>	5.01	0.05	3.71	0.00	31.43	<b>0.06</b>	CO 15
			min M <sub>z</sub>	-10.53	-0.24	-0.56	0.01	4.89	<b>-0.19</b>	CO 8
		3.385	max N	<b>6.08</b>	0.03	-2.61	0.00	25.07	0.00	CO 11
			min N	<b>-10.86</b>	-0.20	-2.98	0.02	24.95	0.13	CO 14
			max V <sub>y</sub>	3.46	<b>0.08</b>	-6.87	-0.01	55.15	-0.05	CO 19
			min V <sub>y</sub>	-10.54	<b>-0.24</b>	-0.10	0.01	4.45	0.13	CO 8
			max V <sub>z</sub>	-10.54	-0.24	<b>-0.10</b>	0.01	4.45	0.13	CO 8
			min V <sub>z</sub>	0.18	0.07	<b>-7.14</b>	0.00	56.53	-0.05	CO 17
			max M <sub>T</sub>	-10.30	-0.19	-4.78	<b>0.02</b>	39.04	0.12	CO 12
			min M <sub>T</sub>	5.77	0.07	-5.47	<b>-0.01</b>	45.48	-0.03	CO 13
			max M <sub>y</sub>	0.18	0.07	-7.14	0.00	<b>56.53</b>	-0.05	CO 17
			min M <sub>y</sub>	-10.54	-0.24	-0.10	0.01	<b>4.45</b>	0.13	CO 8
			max M <sub>z</sub>	-10.54	-0.24	-0.10	0.01	4.45	<b>0.13</b>	CO 8
			min M <sub>z</sub>	0.18	0.07	-7.14	0.00	56.53	<b>-0.05</b>	CO 17
			max N	<b>6.25</b>	0.00	-8.30	0.00	25.65	0.00	CO 11
			min N	<b>-10.68</b>	0.06	-9.06	0.02	25.54	0.13	CO 14
			max V <sub>y</sub>	-10.45	<b>0.06</b>	-3.44	0.01	4.56	0.13	CO 8
			min V <sub>y</sub>	0.48	<b>-0.03</b>	-16.75	0.00	57.84	-0.05	CO 17
			max V <sub>z</sub>	-10.45	0.06	<b>-3.44</b>	0.01	4.56	0.13	CO 8
			min V <sub>z</sub>	0.48	-0.03	<b>-16.75</b>	0.00	57.84	-0.05	CO 17
			max M <sub>T</sub>	-10.06	0.05	-13.21	<b>0.02</b>	39.96	0.12	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	6.02	-0.01	-13.90	<b>-0.01</b>	46.54	-0.03	CO 13
			max M <sub>y</sub>	0.48	-0.03	-16.75	0.00	<b>57.84</b>	-0.05	CO 17
			min M <sub>y</sub>	-10.45	0.06	-3.44	0.01	<b>4.56</b>	0.13	CO 8
			max M <sub>z</sub>	-10.45	0.06	-3.44	0.01	4.56	<b>0.13</b>	CO 8
			min M <sub>z</sub>	0.48	-0.03	-16.75	0.00	57.84	<b>-0.05</b>	CO 17
		3.852	max N	<b>6.31</b>	0.00	-10.15	0.00	21.34	0.00	CO 11
			min N	<b>-10.62</b>	0.06	-10.95	0.02	20.86	0.10	CO 14
			max V <sub>y</sub>	-10.45	<b>0.06</b>	-3.28	0.01	2.99	0.10	CO 8
			min V <sub>y</sub>	0.68	<b>-0.03</b>	-21.82	0.00	48.83	-0.04	CO 17
			max V <sub>z</sub>	-10.45	0.06	<b>-3.28</b>	0.01	2.99	0.10	CO 8
			min V <sub>z</sub>	0.68	-0.03	<b>-21.82</b>	0.00	48.83	-0.04	CO 17
			max M <sub>T</sub>	-9.94	0.06	-16.37	<b>0.02</b>	33.05	0.09	CO 12
			min M <sub>T</sub>	6.17	-0.01	-17.79	<b>-0.01</b>	39.14	-0.02	CO 13
			max M <sub>y</sub>	0.68	-0.03	-21.82	0.00	<b>48.83</b>	-0.04	CO 17
			min M <sub>y</sub>	-10.45	0.06	-3.28	0.01	<b>2.99</b>	0.10	CO 8
			max M <sub>z</sub>	-10.45	0.06	-3.28	0.01	2.99	<b>0.10</b>	CO 8
			min M <sub>z</sub>	0.68	-0.03	-21.82	0.00	48.83	<b>-0.04</b>	CO 17
			max N	<b>6.31</b>	0.00	-10.15	0.00	21.34	0.00	CO 11
			min N	<b>-10.62</b>	0.06	-10.95	0.02	20.86	0.10	CO 14
			max V <sub>y</sub>	-10.45	<b>0.06</b>	-3.28	0.01	2.99	0.10	CO 8
			min V <sub>y</sub>	0.68	<b>-0.03</b>	-21.82	0.00	48.83	-0.04	CO 17
			max V <sub>z</sub>	-10.45	0.06	<b>-3.28</b>	0.01	2.99	0.10	CO 8
			min V <sub>z</sub>	0.68	-0.03	<b>-21.82</b>	0.00	48.83	-0.04	CO 17
			max M <sub>T</sub>	-9.94	0.06	-16.37	<b>0.02</b>	33.05	0.09	CO 12
			min M <sub>T</sub>	6.17	-0.01	-17.79	<b>-0.01</b>	39.14	-0.02	CO 13
			max M <sub>y</sub>	0.68	-0.03	-21.82	0.00	<b>48.83</b>	-0.04	CO 17
			min M <sub>y</sub>	-10.45	0.06	-3.28	0.01	<b>2.99</b>	0.10	CO 8
			max M <sub>z</sub>	-10.45	0.06	-3.28	0.01	2.99	<b>0.10</b>	CO 8
			min M <sub>z</sub>	0.68	-0.03	-21.82	0.00	48.83	<b>-0.04</b>	CO 17
		3.950	max N	<b>6.32</b>	0.00	-10.54	0.00	20.33	0.00	CO 11
			min N	<b>-10.61</b>	0.06	-11.34	0.01	19.77	0.09	CO 14
			max V <sub>y</sub>	-10.45	<b>0.06</b>	-3.24	0.01	2.67	0.09	CO 8
			min V <sub>y</sub>	0.72	<b>-0.03</b>	-22.89	0.00	46.65	-0.04	CO 17
			max V <sub>z</sub>	-10.45	0.06	<b>-3.24</b>	0.01	2.67	0.09	CO 8
			min V <sub>z</sub>	0.72	-0.03	<b>-22.89</b>	0.00	46.65	-0.04	CO 17
			max M <sub>T</sub>	-9.91	0.06	-17.03	<b>0.02</b>	31.41	0.09	CO 12
			min M <sub>T</sub>	6.20	-0.01	-18.61	<b>-0.01</b>	37.36	-0.02	CO 13
			max M <sub>y</sub>	0.72	-0.03	-22.89	0.00	<b>46.65</b>	-0.04	CO 17
			min M <sub>y</sub>	-10.45	0.06	-3.24	0.01	<b>2.67</b>	0.09	CO 8
			max M <sub>z</sub>	-10.45	0.06	-3.24	0.01	2.67	<b>0.09</b>	CO 8
			min M <sub>z</sub>	0.72	-0.03	-22.89	0.00	46.65	<b>-0.04</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max N	<b>6.32</b>	0.00	-10.54	0.00	20.32	0.00	CO 11
			min N	<b>-10.61</b>	0.06	-11.34	0.01	19.77	0.09	CO 14
			max V <sub>y</sub>	-10.45	<b>0.06</b>	-3.24	0.01	2.67	0.09	CO 8
			min V <sub>y</sub>	0.72	<b>-0.03</b>	-22.89	0.00	46.65	-0.04	CO 17
			max V <sub>z</sub>	-10.45	0.06	<b>-3.24</b>	0.01	2.67	0.09	CO 8
			min V <sub>z</sub>	0.72	-0.03	<b>-22.89</b>	0.00	46.65	-0.04	CO 17
			max M <sub>T</sub>	-9.91	0.06	-17.03	<b>0.02</b>	31.41	0.09	CO 12
			min M <sub>T</sub>	6.20	-0.01	-18.61	<b>-0.01</b>	37.36	-0.02	CO 13
			max M <sub>y</sub>	0.72	-0.03	-22.89	0.00	<b>46.65</b>	-0.04	CO 17
			min M <sub>y</sub>	-10.45	0.06	-3.24	0.01	<b>2.67</b>	0.09	CO 8
			max M <sub>z</sub>	-10.45	0.06	-3.24	0.01	2.67	<b>0.09</b>	CO 8
			min M <sub>z</sub>	0.72	-0.03	-22.89	0.00	46.65	<b>-0.04</b>	CO 17
		4.752	max N	<b>6.47</b>	-0.01	-25.29	0.00	19.75	-0.01	CO 13
			min N	<b>-10.53</b>	0.06	-13.29	0.01	9.89	0.04	CO 14
			max V <sub>y</sub>	-10.50	<b>0.06</b>	-1.68	0.01	0.70	0.04	CO 8
			min V <sub>y</sub>	1.09	<b>-0.02</b>	-31.61	0.00	24.79	-0.02	CO 17
			max V <sub>z</sub>	-10.50	0.06	<b>-1.68</b>	0.01	0.70	0.04	CO 8
			min V <sub>z</sub>	1.09	-0.02	<b>-31.61</b>	0.00	24.79	-0.02	CO 17
			max M <sub>T</sub>	-9.75	0.06	-21.18	<b>0.01</b>	16.09	0.04	CO 12
			min M <sub>T</sub>	4.34	-0.02	-30.79	<b>0.00</b>	24.12	-0.02	CO 19
			max M <sub>y</sub>	1.09	-0.02	-31.61	0.00	<b>24.79</b>	-0.02	CO 17
			min M <sub>y</sub>	-10.50	0.06	-1.68	0.01	<b>0.70</b>	0.04	CO 8
			max M <sub>z</sub>	-10.50	0.06	-1.68	0.01	0.70	<b>0.04</b>	CO 8
			min M <sub>z</sub>	1.09	-0.02	-31.61	0.00	24.79	<b>-0.02</b>	CO 17
			max N	<b>6.47</b>	-0.01	-25.29	0.00	19.75	-0.01	CO 13
			min N	<b>-10.53</b>	0.06	-13.29	0.01	9.89	0.04	CO 14
			max V <sub>y</sub>	-10.50	<b>0.06</b>	-1.68	0.01	0.70	0.04	CO 8
			min V <sub>y</sub>	1.09	<b>-0.02</b>	-31.61	0.00	24.79	-0.02	CO 17
			max V <sub>z</sub>	-10.50	0.06	<b>-1.68</b>	0.01	0.70	0.04	CO 8
			min V <sub>z</sub>	1.09	-0.02	<b>-31.61</b>	0.00	24.79	-0.02	CO 17
			max M <sub>T</sub>	-9.75	0.06	-21.18	<b>0.01</b>	16.09	0.04	CO 12
			min M <sub>T</sub>	4.34	-0.02	-30.79	<b>0.00</b>	24.12	-0.02	CO 19
			max M <sub>y</sub>	1.09	-0.02	-31.61	0.00	<b>24.79</b>	-0.02	CO 17
			min M <sub>y</sub>	-10.50	0.06	-1.68	0.01	<b>0.70</b>	0.04	CO 8
			max M <sub>z</sub>	-10.50	0.06	-1.68	0.01	0.70	<b>0.04</b>	CO 8
			min M <sub>z</sub>	1.09	-0.02	-31.61	0.00	24.79	<b>-0.02</b>	CO 17
		5.452	max N	<b>6.69</b>	-0.02	-31.13	0.00	0.00	0.00	CO 13
			min N	<b>-10.54</b>	0.06	-0.31	0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	-10.54	<b>0.06</b>	-0.31	0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	1.39	<b>-0.02</b>	-39.21	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-10.54	0.06	<b>-0.31</b>	0.01	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	1.39	-0.02	<b>-39.21</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-9.74	0.06	-10.11	<b>0.01</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	5.81	-0.01	-21.37	<b>0.00</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	1.39	-0.02	-39.21	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-10.54	0.06	-0.31	0.01	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-9.62	0.05	-24.78	0.01	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	3.72	-0.02	-28.36	0.00	0.00	<b>0.00</b>	CO 21
	1834		max N	<b>6.69</b>	-0.02	-31.13	0.00	0.00	0.00	CO 13
			min N	<b>-10.54</b>	0.06	-0.31	0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	-10.54	<b>0.06</b>	-0.31	0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	1.39	<b>-0.02</b>	-39.21	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-10.54	0.06	<b>-0.31</b>	0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	1.39	-0.02	<b>-39.21</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-9.74	0.06	-10.11	<b>0.01</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	5.81	-0.01	-21.37	<b>0.00</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	6.53	0.00	-16.52	0.00	<b>0.00</b>	0.00	CO 11
			min M <sub>y</sub>	-9.74	0.06	-10.11	0.01	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	-9.62	0.05	-24.78	0.01	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	3.72	-0.02	-28.36	0.00	0.00	<b>0.00</b>	CO 21
	1834	5.452	Max N	<b>6.69</b>	-0.02	-31.13	0.00	0.00	0.00	CO 13
	1833	0.000	Min N	<b>-11.34</b>	0.06	16.72	0.01	0.00	0.00	CO 14
	1833	0.000	Max V <sub>y</sub>	-10.60	<b>0.09</b>	2.05	0.01	0.00	0.00	CO 8
		3.385	Min V <sub>y</sub>	-10.54	<b>-0.24</b>	-0.10	0.01	4.45	0.13	CO 8
	1833	0.000	Max V <sub>z</sub>	-0.78	-0.03	<b>39.22</b>	0.00	0.00	0.00	CO 17
	1834	5.452	Min V <sub>z</sub>	1.39	-0.02	<b>-39.21</b>	0.00	0.00	0.00	CO 17
		2.067	Max M <sub>T</sub>	-10.77	0.06	12.54	<b>0.02</b>	40.38	-0.12	CO 12
		2.594	Min M <sub>T</sub>	5.57	0.07	1.12	<b>-0.01</b>	47.21	0.02	CO 13
		2.726	Max M <sub>y</sub>	-0.04	0.07	0.02	0.00	<b>58.88</b>	0.00	CO 17
	1833	0.000	Min M <sub>y</sub>	-10.34	0.08	11.85	0.01	<b>0.00</b>	0.00	CO 10
		3.385	Max M <sub>z</sub>	-10.45	0.06	-3.44	0.01	4.56	<b>0.13</b>	CO 8
		2.067	Min M <sub>z</sub>	-10.53	-0.24	-0.56	0.01	4.89	<b>-0.19</b>	CO 8
2049	464	0.000	max N	<b>-17.00</b>	-0.35	1.04	-0.01	-0.06	1.36	CO 9
			min N	<b>-130.08</b>	-0.14	0.27	-0.01	0.01	0.07	CO 17
			max V <sub>y</sub>	-101.25	<b>3.98</b>	1.51	0.00	0.20	-1.15	CO 12
			min V <sub>y</sub>	-101.01	<b>-0.39</b>	1.23	-0.01	-0.06	1.14	CO 13
			max V <sub>z</sub>	-101.25	3.98	<b>1.51</b>	0.00	0.20	-1.15	CO 12
			min V <sub>z</sub>	-24.00	-0.09	<b>0.04</b>	0.00	0.00	0.38	CO 1
			max M <sub>T</sub>	-17.24	3.95	1.32	<b>0.01</b>	0.20	-0.89	CO 8
			min M <sub>T</sub>	-101.01	-0.39	1.23	<b>-0.01</b>	-0.06	1.14	CO 13
			max M <sub>y</sub>	-49.76	3.95	1.40	0.01	<b>0.20</b>	-0.89	CO 10
			min M <sub>y</sub>	-101.01	-0.39	1.23	-0.01	<b>-0.06</b>	1.14	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-49.52	-0.38	1.13	-0.01	-0.06	<b>1.37</b>	CO 11
			min M <sub>z</sub>	-68.73	3.97	1.43	0.00	0.20	<b>-1.15</b>	CO 14
		0.150	max N	<b>-16.85</b>	-0.35	1.04	-0.01	0.10	1.41	CO 9
			min N	<b>-129.92</b>	-0.14	0.27	-0.01	0.05	0.09	CO 17
			max V <sub>y</sub>	-101.10	<b>3.97</b>	1.51	0.00	0.42	-1.75	CO 12
			min V <sub>y</sub>	-100.86	<b>-0.39</b>	1.23	-0.01	0.12	1.20	CO 13
			max V <sub>z</sub>	-101.10	3.97	<b>1.51</b>	0.00	0.42	-1.75	CO 12
			min V <sub>z</sub>	-23.84	-0.09	<b>0.04</b>	0.00	0.01	0.39	CO 1
			max M <sub>T</sub>	-17.09	3.95	1.32	<b>0.01</b>	0.39	-1.48	CO 8
			min M <sub>T</sub>	-100.86	-0.39	1.23	<b>-0.01</b>	0.12	1.20	CO 13
			max M <sub>y</sub>	-101.10	3.97	1.51	0.00	<b>0.42</b>	-1.75	CO 12
			min M <sub>y</sub>	-23.84	-0.09	0.04	0.00	<b>0.01</b>	0.39	CO 1
			max M <sub>z</sub>	-49.37	-0.37	1.13	-0.01	0.11	<b>1.43</b>	CO 11
			min M <sub>z</sub>	-68.57	3.97	1.43	0.00	0.41	<b>-1.75</b>	CO 14
			max N	<b>-11.67</b>	5.36	-0.01	-0.01	0.03	1.43	CO 9
			min N	<b>-124.05</b>	-19.25	-0.03	-0.01	0.02	0.09	CO 17
			max V <sub>y</sub>	-12.00	<b>20.06</b>	-0.39	0.01	0.29	-1.21	CO 8
			min V <sub>y</sub>	-124.05	<b>-19.25</b>	-0.03	-0.01	0.02	0.09	CO 17
			max V <sub>z</sub>	-95.32	-7.69	<b>-0.01</b>	-0.01	0.04	1.22	CO 13
			min V <sub>z</sub>	-44.41	15.69	<b>-0.39</b>	0.01	0.29	-1.21	CO 10
			max M <sub>T</sub>	-12.00	20.06	-0.39	<b>0.01</b>	0.29	-1.21	CO 8
			min M <sub>T</sub>	-95.32	-7.69	-0.01	<b>-0.01</b>	0.04	1.22	CO 13
			max M <sub>y</sub>	-95.67	7.13	-0.39	0.01	<b>0.30</b>	-1.48	CO 12
			min M <sub>y</sub>	-18.44	-2.50	-0.01	0.00	<b>0.00</b>	0.40	CO 1
			max M <sub>z</sub>	-44.06	0.94	-0.01	-0.01	0.03	<b>1.45</b>	CO 11
			min M <sub>z</sub>	-63.26	11.50	-0.38	0.01	0.29	<b>-1.48</b>	CO 14
	431	0.300	max N	<b>-11.51</b>	5.36	-0.01	-0.01	0.03	0.63	CO 9
			min N	<b>-123.90</b>	-19.24	-0.03	-0.01	0.02	2.97	CO 17
			max V <sub>y</sub>	-11.85	<b>20.06</b>	-0.39	0.01	0.23	-4.22	CO 8
			min V <sub>y</sub>	-123.90	<b>-19.24</b>	-0.03	-0.01	0.02	2.97	CO 17
			max V <sub>z</sub>	-95.16	-7.69	<b>-0.01</b>	-0.01	0.04	2.37	CO 13
			min V <sub>z</sub>	-44.25	15.68	<b>-0.39</b>	0.01	0.23	-3.57	CO 10
			max M <sub>T</sub>	-11.85	20.06	-0.39	<b>0.01</b>	0.23	-4.22	CO 8
			min M <sub>T</sub>	-95.16	-7.69	-0.01	<b>-0.01</b>	0.04	2.37	CO 13
			max M <sub>y</sub>	-95.51	7.12	-0.39	0.01	<b>0.24</b>	-2.55	CO 12
			min M <sub>y</sub>	-18.28	-2.50	-0.01	0.00	<b>0.00</b>	0.78	CO 1
			max M <sub>z</sub>	-123.90	-19.24	-0.03	-0.01	0.02	<b>2.97</b>	CO 17
			min M <sub>z</sub>	-11.85	20.06	-0.39	0.01	0.23	<b>-4.22</b>	CO 8
	431	0.300	Max N	<b>-11.51</b>	5.36	-0.01	-0.01	0.03	0.63	CO 9
	464	0.000	Min N	<b>-130.08</b>	-0.14	0.27	-0.01	0.01	0.07	CO 17
		0.150	Max V <sub>y</sub>	-12.00	<b>20.06</b>	-0.39	0.01	0.29	-1.21	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		0.150	Min V <sub>y</sub>	-124.05	<b>-19.25</b>	-0.03	-0.01	0.02	0.09	CO 17
	464	0.000	Max V <sub>z</sub>	-101.25	3.98	<b>1.51</b>	0.00	0.20	-1.15	CO 12
	431	0.300	Min V <sub>z</sub>	-44.25	15.68	<b>-0.39</b>	0.01	0.23	-3.57	CO 10
		0.150	Max M <sub>T</sub>	-12.00	20.06	-0.39	<b>0.01</b>	0.29	-1.21	CO 8
	464	0.000	Min M <sub>T</sub>	-101.01	-0.39	1.23	<b>-0.01</b>	-0.06	1.14	CO 13
		0.150	Max M <sub>y</sub>	-101.10	3.97	1.51	0.00	<b>0.42</b>	-1.75	CO 12
	464	0.000	Min M <sub>y</sub>	-101.01	-0.39	1.23	-0.01	<b>-0.06</b>	1.14	CO 13
	431	0.300	Max M <sub>z</sub>	-123.90	-19.24	-0.03	-0.01	0.02	<b>2.97</b>	CO 17
	431	0.300	Min M <sub>z</sub>	-11.85	20.06	-0.39	0.01	0.23	<b>-4.22</b>	CO 8
2050	465	0.000	max N	<b>-14.46</b>	-9.37	0.81	-0.01	-0.17	-3.61	CO 9
			min N	<b>-80.86</b>	-0.68	0.05	0.00	-0.01	-12.81	CO 17
			max V <sub>y</sub>	-60.97	<b>0.50</b>	0.03	0.00	-0.01	-9.40	CO 16
			min V <sub>y</sub>	-34.36	<b>-10.54</b>	0.83	-0.02	-0.17	-7.00	CO 11
			max V <sub>z</sub>	-64.15	-9.82	<b>0.85</b>	-0.02	-0.18	-11.92	CO 13
			min V <sub>z</sub>	-15.20	-6.36	<b>-0.10</b>	-0.05	-0.07	-1.18	CO 8
			max M <sub>T</sub>	-18.40	-0.57	0.01	<b>0.00</b>	0.00	-2.38	CO 1
			min M <sub>T</sub>	-64.91	-6.75	-0.07	<b>-0.06</b>	-0.08	-9.51	CO 12
			max M <sub>y</sub>	-18.40	-0.57	0.01	0.00	<b>0.00</b>	-2.38	CO 1
			min M <sub>y</sub>	-64.15	-9.82	0.85	-0.02	<b>-0.18</b>	-11.92	CO 13
			max M <sub>z</sub>	-15.20	-6.36	-0.10	-0.05	-0.07	<b>-1.18</b>	CO 8
			min M <sub>z</sub>	-78.50	-5.98	0.53	-0.01	-0.11	<b>-13.54</b>	CO 19
		0.150	max N	<b>-14.31</b>	-9.85	0.81	-0.01	-0.04	-2.16	CO 9
			min N	<b>-80.71</b>	-0.70	0.05	0.00	0.00	-12.70	CO 17
			max V <sub>y</sub>	-60.81	<b>0.49</b>	0.03	0.00	0.00	-9.47	CO 16
			min V <sub>y</sub>	-34.20	<b>-11.03</b>	0.83	-0.02	-0.04	-5.39	CO 11
			max V <sub>z</sub>	-64.00	-10.31	<b>0.85</b>	-0.02	-0.05	-10.41	CO 13
			min V <sub>z</sub>	-15.04	-6.84	<b>-0.10</b>	-0.05	-0.09	-0.19	CO 8
			max M <sub>T</sub>	-18.24	-0.57	0.01	<b>0.00</b>	0.00	-2.30	CO 1
			min M <sub>T</sub>	-64.75	-7.24	-0.07	<b>-0.06</b>	-0.09	-8.46	CO 12
			max M <sub>y</sub>	-38.14	-1.74	0.03	0.00	<b>0.00</b>	-5.52	CO 2
			min M <sub>y</sub>	-44.85	-6.07	-0.09	-0.06	<b>-0.09</b>	-5.23	CO 14
			max M <sub>z</sub>	-15.04	-6.84	-0.10	-0.05	-0.09	<b>-0.19</b>	CO 8
			min M <sub>z</sub>	-80.71	-0.70	0.05	0.00	0.00	<b>-12.70</b>	CO 17
			max N	<b>-12.07</b>	-9.85	0.12	-0.01	-0.04	-2.22	CO 9
			min N	<b>-78.47</b>	-0.70	-0.11	0.00	0.00	-12.81	CO 17
			max V <sub>y</sub>	-58.57	<b>0.49</b>	-0.07	0.00	0.00	-9.55	CO 16
			min V <sub>y</sub>	-31.96	<b>-11.03</b>	0.08	-0.02	-0.04	-5.48	CO 11
			max V <sub>z</sub>	-12.07	-9.85	<b>0.12</b>	-0.01	-0.04	-2.22	CO 9
			min V <sub>z</sub>	-62.51	-7.24	<b>-0.15</b>	-0.06	-0.09	-8.56	CO 12
			max M <sub>T</sub>	-16.00	-0.57	-0.03	<b>0.00</b>	0.00	-2.32	CO 1
			min M <sub>T</sub>	-62.51	-7.24	-0.15	<b>-0.06</b>	-0.09	-8.56	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-35.90	-1.74	-0.08	0.00	<b>0.00</b>	-5.58	CO 2
			min M <sub>y</sub>	-42.61	-6.07	-0.10	-0.06	<b>-0.09</b>	-5.29	CO 14
			max M <sub>z</sub>	-12.81	-6.84	-0.08	-0.05	-0.09	<b>-0.21</b>	CO 8
			min M <sub>z</sub>	-78.47	-0.70	-0.11	0.00	0.00	<b>-12.81</b>	CO 17
	1827	0.300	max N	<b>-11.91</b>	-10.33	0.12	-0.01	-0.03	-0.70	CO 9
			min N	<b>-78.32</b>	-0.71	-0.11	0.00	-0.02	-12.71	CO 17
			max V <sub>y</sub>	-58.42	<b>0.49</b>	-0.07	0.00	-0.01	-9.62	CO 16
			min V <sub>y</sub>	-31.81	<b>-11.51</b>	0.08	-0.02	-0.03	-3.78	CO 11
			max V <sub>z</sub>	-11.91	-10.33	<b>0.12</b>	-0.01	-0.03	-0.70	CO 9
			min V <sub>z</sub>	-62.36	-7.73	<b>-0.15</b>	-0.06	-0.11	-7.43	CO 12
			max M <sub>T</sub>	-15.85	-0.57	-0.03	<b>0.00</b>	0.00	-2.24	CO 1
			min M <sub>T</sub>	-62.36	-7.73	-0.15	<b>-0.06</b>	-0.11	-7.43	CO 12
			max M <sub>y</sub>	-15.85	-0.57	-0.03	0.00	<b>0.00</b>	-2.24	CO 1
			min M <sub>y</sub>	-62.36	-7.73	-0.15	-0.06	<b>-0.11</b>	-7.43	CO 12
			max M <sub>z</sub>	-12.65	-7.32	-0.08	-0.05	-0.10	<b>0.85</b>	CO 8
			min M <sub>z</sub>	-78.32	-0.71	-0.11	0.00	-0.02	<b>-12.71</b>	CO 17
	1827	0.300	Max N	<b>-11.91</b>	-10.33	0.12	-0.01	-0.03	-0.70	CO 9
	465	0.000	Min N	<b>-80.86</b>	-0.68	0.05	0.00	-0.01	-12.81	CO 17
	465	0.000	Max V <sub>y</sub>	-60.97	<b>0.50</b>	0.03	0.00	-0.01	-9.40	CO 16
	1827	0.300	Min V <sub>y</sub>	-31.81	<b>-11.51</b>	0.08	-0.02	-0.03	-3.78	CO 11
	465	0.000	Max V <sub>z</sub>	-64.15	-9.82	<b>0.85</b>	-0.02	-0.18	-11.92	CO 13
	1827	0.300	Min V <sub>z</sub>	-62.36	-7.73	<b>-0.15</b>	-0.06	-0.11	-7.43	CO 12
	1827	0.300	Max M <sub>T</sub>	-15.85	-0.57	-0.03	<b>0.00</b>	0.00	-2.24	CO 1
	1827	0.300	Min M <sub>T</sub>	-62.36	-7.73	-0.15	<b>-0.06</b>	-0.11	-7.43	CO 12
		0.150	Max M <sub>y</sub>	-38.14	-1.74	0.03	0.00	<b>0.00</b>	-5.52	CO 2
	465	0.000	Min M <sub>y</sub>	-64.15	-9.82	0.85	-0.02	<b>-0.18</b>	-11.92	CO 13
	1827	0.300	Max M <sub>z</sub>	-12.65	-7.32	-0.08	-0.05	-0.10	<b>0.85</b>	CO 8
	465	0.000	Min M <sub>z</sub>	-78.50	-5.98	0.53	-0.01	-0.11	<b>-13.54</b>	CO 19
2051	466	0.000	max N	<b>-9.70</b>	3.97	-0.81	0.02	-0.19	-1.90	CO 8
			min N	<b>-135.92</b>	0.35	0.24	0.01	0.01	-1.06	CO 17
			max V <sub>y</sub>	-96.72	<b>4.18</b>	-0.66	0.03	-0.18	-2.24	CO 12
			min V <sub>y</sub>	-26.08	<b>0.17</b>	0.04	0.00	0.00	-0.73	CO 1
			max V <sub>z</sub>	-106.17	0.43	<b>1.18</b>	0.01	-0.05	-1.94	CO 13
			min V <sub>z</sub>	-9.70	3.97	<b>-0.81</b>	0.02	-0.19	-1.90	CO 8
			max M <sub>T</sub>	-96.72	4.18	-0.66	<b>0.03</b>	-0.18	-2.24	CO 12
			min M <sub>T</sub>	-26.08	0.17	0.04	<b>0.00</b>	0.00	-0.73	CO 1
			max M <sub>y</sub>	-135.92	0.35	0.24	0.01	<b>0.01</b>	-1.06	CO 17
			min M <sub>y</sub>	-9.70	3.97	-0.81	0.02	<b>-0.19</b>	-1.90	CO 8
			max M <sub>z</sub>	-26.08	0.17	0.04	0.00	0.00	<b>-0.73</b>	CO 1
			min M <sub>z</sub>	-96.72	4.18	-0.66	0.03	-0.18	<b>-2.24</b>	CO 12
		0.150	max N	<b>-9.54</b>	3.97	-0.81	0.02	-0.31	-2.50	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-135.76</b>	0.34	0.24	0.01	0.04	-1.11	CO 17
			max V <sub>y</sub>	-96.57	<b>4.18</b>	-0.66	0.03	-0.28	-2.86	CO 12
			min V <sub>y</sub>	-25.92	<b>0.17</b>	0.04	0.00	0.01	-0.76	CO 1
			max V <sub>z</sub>	-106.01	0.43	<b>1.18</b>	0.01	0.13	-2.00	CO 13
			min V <sub>z</sub>	-9.54	3.97	<b>-0.81</b>	0.02	-0.31	-2.50	CO 8
			max M <sub>T</sub>	-96.57	4.18	-0.66	<b>0.03</b>	-0.28	-2.86	CO 12
			min M <sub>T</sub>	-25.92	0.17	0.04	<b>0.00</b>	0.01	-0.76	CO 1
			max M <sub>y</sub>	-106.01	0.43	1.18	0.01	<b>0.13</b>	-2.00	CO 13
			min M <sub>y</sub>	-9.54	3.97	-0.81	0.02	<b>-0.31</b>	-2.50	CO 8
			max M <sub>z</sub>	-25.92	0.17	0.04	0.00	0.01	<b>-0.76</b>	CO 1
			min M <sub>z</sub>	-96.57	4.18	-0.66	0.03	-0.28	<b>-2.86</b>	CO 12
			max N	<b>-4.58</b>	12.60	0.26	0.02	-0.24	-2.26	CO 8
			min N	<b>-130.94</b>	19.39	-0.02	0.01	0.02	-1.12	CO 17
			max V <sub>y</sub>	-91.95	<b>25.86</b>	0.24	0.03	-0.22	-2.62	CO 12
			min V <sub>y</sub>	-13.47	<b>-5.76</b>	-0.02	0.01	0.04	-1.71	CO 9
			max V <sub>z</sub>	-4.58	12.60	<b>0.26</b>	0.02	-0.24	-2.26	CO 8
			min V <sub>z</sub>	-13.47	-5.76	<b>-0.02</b>	0.01	0.04	-1.71	CO 9
			max M <sub>T</sub>	-91.95	25.86	0.24	<b>0.03</b>	-0.22	-2.62	CO 12
			min M <sub>T</sub>	-20.65	2.56	-0.01	<b>0.00</b>	0.00	-0.77	CO 1
			max M <sub>y</sub>	-100.86	7.37	-0.01	0.02	<b>0.05</b>	-2.03	CO 13
			min M <sub>y</sub>	-4.58	12.60	0.26	0.02	<b>-0.24</b>	-2.26	CO 8
			max M <sub>z</sub>	-20.65	2.56	-0.01	0.00	0.00	<b>-0.77</b>	CO 1
			min M <sub>z</sub>	-91.95	25.86	0.24	0.03	-0.22	<b>-2.62</b>	CO 12
	432	0.300	max N	<b>-4.43</b>	12.60	0.26	0.02	-0.20	-4.14	CO 8
			min N	<b>-130.79</b>	19.38	-0.02	0.01	0.02	-4.03	CO 17
			max V <sub>y</sub>	-91.80	<b>25.85</b>	0.24	0.03	-0.18	-6.50	CO 12
			min V <sub>y</sub>	-13.31	<b>-5.76</b>	-0.02	0.01	0.03	-0.85	CO 9
			max V <sub>z</sub>	-4.43	12.60	<b>0.26</b>	0.02	-0.20	-4.14	CO 8
			min V <sub>z</sub>	-13.31	-5.76	<b>-0.02</b>	0.01	0.03	-0.85	CO 9
			max M <sub>T</sub>	-91.80	25.85	0.24	<b>0.03</b>	-0.18	-6.50	CO 12
			min M <sub>T</sub>	-20.49	2.56	-0.01	<b>0.00</b>	0.00	-1.15	CO 1
			max M <sub>y</sub>	-100.70	7.37	-0.01	0.02	<b>0.05</b>	-3.14	CO 13
			min M <sub>y</sub>	-4.43	12.60	0.26	0.02	<b>-0.20</b>	-4.14	CO 8
			max M <sub>z</sub>	-13.31	-5.76	-0.02	0.01	0.03	<b>-0.85</b>	CO 9
			min M <sub>z</sub>	-91.80	25.85	0.24	0.03	-0.18	<b>-6.50</b>	CO 12
	432	0.300	Max N	<b>-4.43</b>	12.60	0.26	0.02	-0.20	-4.14	CO 8
	466	0.000	Min N	<b>-135.92</b>	0.35	0.24	0.01	0.01	-1.06	CO 17
		0.150	Max V <sub>y</sub>	-91.95	<b>25.86</b>	0.24	0.03	-0.22	-2.62	CO 12
	432	0.300	Min V <sub>y</sub>	-13.31	<b>-5.76</b>	-0.02	0.01	0.03	-0.85	CO 9
	466	0.000	Max V <sub>z</sub>	-106.17	0.43	<b>1.18</b>	0.01	-0.05	-1.94	CO 13
		0.150	Min V <sub>z</sub>	-9.54	3.97	<b>-0.81</b>	0.02	-0.31	-2.50	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		0.150	Max M <sub>T</sub>	-96.57	4.18	-0.66	<b>0.03</b>	-0.28	-2.86	CO 12
		0.150	Min M <sub>T</sub>	-25.92	0.17	0.04	<b>0.00</b>	0.01	-0.76	CO 1
		0.150	Max M <sub>y</sub>	-106.01	0.43	1.18	0.01	<b>0.13</b>	-2.00	CO 13
		0.150	Min M <sub>y</sub>	-9.54	3.97	-0.81	0.02	<b>-0.31</b>	-2.50	CO 8
	466	0.000	Max M <sub>z</sub>	-26.08	0.17	0.04	0.00	0.00	<b>-0.73</b>	CO 1
	432	0.300	Min M <sub>z</sub>	-91.80	25.85	0.24	0.03	-0.18	<b>-6.50</b>	CO 12
2052	467	0.000	max N	<b>-2.28</b>	-11.06	0.29	-0.05	0.03	-3.10	CO 8
			min N	<b>-76.68</b>	0.55	0.04	0.01	-0.02	12.46	CO 17
			max V <sub>y</sub>	-31.66	<b>10.83</b>	0.63	0.02	-0.13	6.75	CO 11
			min V <sub>y</sub>	-31.41	<b>-11.78</b>	0.30	-0.05	0.02	1.77	CO 14
			max V <sub>z</sub>	-60.80	10.13	<b>0.64</b>	0.02	-0.14	11.65	CO 13
			min V <sub>z</sub>	-16.39	0.51	<b>0.01</b>	0.00	0.00	2.26	CO 1
			max M <sub>T</sub>	-60.80	10.13	0.64	<b>0.02</b>	-0.14	11.65	CO 13
			min M <sub>T</sub>	-2.28	-11.06	0.29	<b>-0.05</b>	0.03	-3.10	CO 8
			max M <sub>y</sub>	-2.28	-11.06	0.29	-0.05	<b>0.03</b>	-3.10	CO 8
			min M <sub>y</sub>	-60.80	10.13	0.64	0.02	<b>-0.14</b>	11.65	CO 13
			max M <sub>z</sub>	-74.64	6.12	0.40	0.02	-0.10	<b>13.23</b>	CO 19
			min M <sub>z</sub>	-2.28	-11.06	0.29	-0.05	0.03	<b>-3.10</b>	CO 8
		0.150	max N	<b>-2.12</b>	-11.83	0.29	-0.05	0.07	-1.39	CO 8
			min N	<b>-76.53</b>	0.56	0.04	0.01	-0.01	12.37	CO 17
			max V <sub>y</sub>	-31.51	<b>11.32</b>	0.63	0.02	-0.04	5.09	CO 11
			min V <sub>y</sub>	-31.26	<b>-12.55</b>	0.30	-0.05	0.07	3.60	CO 14
			max V <sub>z</sub>	-60.64	10.62	<b>0.64</b>	0.02	-0.05	10.09	CO 13
			min V <sub>z</sub>	-16.23	0.51	<b>0.01</b>	0.00	0.00	2.18	CO 1
			max M <sub>T</sub>	-60.64	10.62	0.64	<b>0.02</b>	-0.05	10.09	CO 13
			min M <sub>T</sub>	-2.12	-11.83	0.29	<b>-0.05</b>	0.07	-1.39	CO 8
			max M <sub>y</sub>	-2.12	-11.83	0.29	-0.05	<b>0.07</b>	-1.39	CO 8
			min M <sub>y</sub>	-60.64	10.62	0.64	0.02	<b>-0.05</b>	10.09	CO 13
			max M <sub>z</sub>	-76.53	0.56	0.04	0.01	-0.01	<b>12.37</b>	CO 17
			min M <sub>z</sub>	-2.12	-11.83	0.29	-0.05	0.07	<b>-1.39</b>	CO 8
			max N	<b>0.11</b>	-11.83	-0.04	-0.05	0.07	-1.40	CO 8
			min N	<b>-74.29</b>	0.56	-0.01	0.01	-0.01	12.49	CO 17
			max V <sub>y</sub>	-29.27	<b>11.32</b>	0.00	0.02	-0.04	5.19	CO 11
			min V <sub>y</sub>	-29.02	<b>-12.55</b>	-0.04	-0.05	0.07	3.62	CO 14
			max V <sub>z</sub>	-39.74	9.54	<b>0.01</b>	0.02	-0.04	7.14	CO 15
			min V <sub>z</sub>	-18.56	-10.77	<b>-0.04</b>	-0.05	0.07	1.67	CO 10
			max M <sub>T</sub>	-58.40	10.62	0.01	<b>0.02</b>	-0.05	10.22	CO 13
			min M <sub>T</sub>	0.11	-11.83	-0.04	<b>-0.05</b>	0.07	-1.40	CO 8
			max M <sub>y</sub>	0.11	-11.83	-0.04	-0.05	<b>0.07</b>	-1.40	CO 8
			min M <sub>y</sub>	-58.40	10.62	0.01	0.02	<b>-0.05</b>	10.22	CO 13
			max M <sub>z</sub>	-74.29	0.56	-0.01	0.01	-0.01	<b>12.49</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	0.11	-11.83	-0.04	-0.05	0.07	<b>-1.40</b>	CO 8
	437	0.300	max N	<b>0.27</b>	-12.60	-0.04	-0.05	0.07	0.43	CO 8
			min N	<b>-74.13</b>	0.57	-0.01	0.01	-0.02	12.40	CO 17
			max V <sub>y</sub>	-29.11	<b>11.80</b>	0.00	0.02	-0.04	3.45	CO 11
			min V <sub>y</sub>	-28.87	<b>-13.32</b>	-0.04	-0.05	0.06	5.56	CO 14
			max V <sub>z</sub>	-39.58	10.02	<b>0.01</b>	0.02	-0.04	5.67	CO 15
			min V <sub>z</sub>	-18.40	-11.54	<b>-0.04</b>	-0.05	0.06	3.34	CO 10
			max M <sub>T</sub>	-58.25	11.10	0.01	<b>0.02</b>	-0.05	8.59	CO 13
			min M <sub>T</sub>	0.27	-12.60	-0.04	<b>-0.05</b>	0.07	0.43	CO 8
			max M <sub>y</sub>	0.27	-12.60	-0.04	-0.05	<b>0.07</b>	0.43	CO 8
			min M <sub>y</sub>	-58.25	11.10	0.01	0.02	<b>-0.05</b>	8.59	CO 13
			max M <sub>z</sub>	-74.13	0.57	-0.01	0.01	-0.02	<b>12.40</b>	CO 17
			min M <sub>z</sub>	0.27	-12.60	-0.04	-0.05	0.07	<b>0.43</b>	CO 8
	437	0.300	Max N	<b>0.27</b>	-12.60	-0.04	-0.05	0.07	0.43	CO 8
	467	0.000	Min N	<b>-76.68</b>	0.55	0.04	0.01	-0.02	12.46	CO 17
	437	0.300	Max V <sub>y</sub>	-29.11	<b>11.80</b>	0.00	0.02	-0.04	3.45	CO 11
	437	0.300	Min V <sub>y</sub>	-28.87	<b>-13.32</b>	-0.04	-0.05	0.06	5.56	CO 14
	467	0.000	Max V <sub>z</sub>	-60.80	10.13	<b>0.64</b>	0.02	-0.14	11.65	CO 13
	437	0.300	Min V <sub>z</sub>	-18.40	-11.54	<b>-0.04</b>	-0.05	0.06	3.34	CO 10
	467	0.000	Max M <sub>T</sub>	-60.80	10.13	0.64	<b>0.02</b>	-0.14	11.65	CO 13
	467	0.000	Min M <sub>T</sub>	-2.28	-11.06	0.29	<b>-0.05</b>	0.03	-3.10	CO 8
		0.150	Max M <sub>y</sub>	0.11	-11.83	-0.04	-0.05	<b>0.07</b>	-1.40	CO 8
	467	0.000	Min M <sub>y</sub>	-60.80	10.13	0.64	0.02	<b>-0.14</b>	11.65	CO 13
	467	0.000	Max M <sub>z</sub>	-74.64	6.12	0.40	0.02	-0.10	<b>13.23</b>	CO 19
	467	0.000	Min M <sub>z</sub>	-2.28	-11.06	0.29	-0.05	0.03	<b>-3.10</b>	CO 8
2053	1837	0.000	max N	<b>6.42</b>	-0.13	2.26	0.08	0.00	0.00	CO 8
			min N	<b>-75.88</b>	-0.12	19.62	0.02	0.00	0.00	CO 17
			max V <sub>y</sub>	-2.58	<b>0.12</b>	2.29	0.02	0.00	0.00	CO 9
			min V <sub>y</sub>	-42.50	<b>-0.21</b>	15.26	0.09	0.00	0.00	CO 12
			max V <sub>z</sub>	-75.88	-0.12	<b>19.62</b>	0.02	0.00	0.00	CO 17
			min V <sub>z</sub>	6.42	-0.13	<b>2.26</b>	0.08	0.00	0.00	CO 8
			max M <sub>T</sub>	-42.50	-0.21	15.26	<b>0.09</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-14.03	-0.04	3.28	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-14.03	-0.04	3.28	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-42.50	-0.21	15.26	0.09	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-14.03	-0.04	3.28	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-42.50	-0.21	15.26	0.09	0.00	<b>0.00</b>	CO 12
		0.700	max N	<b>6.43</b>	-0.13	1.56	0.08	1.34	0.09	CO 8
			min N	<b>-75.56</b>	-0.12	5.29	0.02	8.74	0.09	CO 17
			max V <sub>y</sub>	-2.56	<b>0.12</b>	1.58	0.02	1.36	-0.08	CO 9
			min V <sub>y</sub>	-42.25	<b>-0.21</b>	4.55	0.10	6.94	0.14	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-75.56	-0.12	<b>5.29</b>	0.02	8.74	0.09	CO 17
			min V <sub>z</sub>	6.43	-0.13	<b>1.56</b>	0.08	1.34	0.09	CO 8
			max M <sub>T</sub>	-42.25	-0.21	4.55	<b>0.10</b>	6.94	0.14	CO 12
			min M <sub>T</sub>	-13.99	-0.03	1.66	<b>0.00</b>	1.73	0.02	CO 1
			max M <sub>y</sub>	-75.56	-0.12	5.29	0.02	<b>8.74</b>	0.09	CO 17
			min M <sub>y</sub>	6.43	-0.13	1.56	0.08	<b>1.34</b>	0.09	CO 8
			max M <sub>z</sub>	-42.25	-0.21	4.55	0.10	6.94	<b>0.14</b>	CO 12
			min M <sub>z</sub>	-2.56	0.12	1.58	0.02	1.36	<b>-0.08</b>	CO 9
			max N	<b>6.51</b>	0.18	-1.27	0.08	1.36	0.09	CO 8
			min N	<b>-75.30</b>	0.12	-2.65	0.02	8.75	0.09	CO 17
			max V <sub>y</sub>	-42.03	<b>0.26</b>	-2.55	0.10	6.95	0.14	CO 12
			min V <sub>y</sub>	-2.48	<b>-0.11</b>	-1.25	0.02	1.38	-0.08	CO 9
			max V <sub>z</sub>	-13.90	0.03	<b>-1.15</b>	0.00	1.75	0.02	CO 1
			min V <sub>z</sub>	-63.00	0.21	<b>-2.72</b>	0.07	8.50	0.13	CO 18
			max M <sub>T</sub>	-42.03	0.26	-2.55	<b>0.10</b>	6.95	0.14	CO 12
			min M <sub>T</sub>	-13.90	0.03	-1.15	<b>0.00</b>	1.75	0.02	CO 1
			max M <sub>y</sub>	-75.30	0.12	-2.65	0.02	<b>8.75</b>	0.09	CO 17
			min M <sub>y</sub>	6.51	0.18	-1.27	0.08	<b>1.36</b>	0.09	CO 8
			max M <sub>z</sub>	-42.03	0.26	-2.55	0.10	6.95	<b>0.14</b>	CO 12
			min M <sub>z</sub>	-2.48	-0.11	-1.25	0.02	1.38	<b>-0.08</b>	CO 9
		1.600	max N	<b>6.53</b>	0.18	-2.17	0.08	-0.19	-0.07	CO 8
			min N	<b>-74.79</b>	0.12	-21.06	0.02	-1.97	-0.02	CO 17
			max V <sub>y</sub>	-41.65	<b>0.25</b>	-16.31	0.09	-1.55	-0.09	CO 12
			min V <sub>y</sub>	-2.46	<b>-0.11</b>	-2.15	0.02	-0.15	0.01	CO 9
			max V <sub>z</sub>	-2.46	-0.11	<b>-2.15</b>	0.02	-0.15	0.01	CO 9
			min V <sub>z</sub>	-74.79	0.12	<b>-21.06</b>	0.02	-1.97	-0.02	CO 17
			max M <sub>T</sub>	-41.65	0.25	-16.31	<b>0.09</b>	-1.55	-0.09	CO 12
			min M <sub>T</sub>	-13.85	0.03	-3.23	<b>0.00</b>	-0.22	0.00	CO 1
			max M <sub>y</sub>	-2.46	-0.11	-2.15	0.02	<b>-0.15</b>	0.01	CO 9
			min M <sub>y</sub>	-74.79	0.12	-21.06	0.02	<b>-1.97</b>	-0.02	CO 17
			max M <sub>z</sub>	-2.46	-0.11	-2.15	0.02	-0.15	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-41.65	0.25	-16.31	0.09	-1.55	<b>-0.09</b>	CO 12
			max N	<b>6.62</b>	-0.03	-5.14	0.08	-0.02	-0.07	CO 8
			min N	<b>-74.60</b>	0.00	-29.84	0.02	-0.92	-0.02	CO 17
			max V <sub>y</sub>	-32.36	<b>0.01</b>	-14.36	0.01	-0.25	-0.01	CO 2
			min V <sub>y</sub>	-2.38	<b>-0.05</b>	-5.12	0.02	0.02	0.01	CO 9
			max V <sub>z</sub>	-2.38	-0.05	<b>-5.12</b>	0.02	0.02	0.01	CO 9
			min V <sub>z</sub>	-74.60	0.00	<b>-29.84</b>	0.02	-0.92	-0.02	CO 17
			max M <sub>T</sub>	-41.47	-0.02	-24.06	<b>0.09</b>	-0.73	-0.09	CO 12
			min M <sub>T</sub>	-13.77	0.00	-6.22	<b>0.00</b>	-0.01	0.00	CO 1
			max M <sub>y</sub>	-2.38	-0.05	-5.12	0.02	<b>0.02</b>	0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-62.31	-0.01	-29.16	0.06	<b>-0.93</b>	-0.06	CO 18
			max M <sub>z</sub>	-2.38	-0.05	-5.12	0.02	0.02	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-41.47	-0.02	-24.06	0.09	-0.73	<b>-0.09</b>	CO 12
		1.817	max N	<b>6.63</b>	-0.03	-5.36	0.08	-1.16	-0.06	CO 8
			min N	<b>-74.50</b>	0.00	-34.19	0.01	-7.89	-0.02	CO 17
			max V <sub>y</sub>	-32.32	<b>0.01</b>	-16.04	0.01	-3.56	-0.01	CO 2
			min V <sub>y</sub>	-2.37	<b>-0.05</b>	-5.34	0.02	-1.12	0.02	CO 9
			max V <sub>z</sub>	-2.37	-0.05	<b>-5.34</b>	0.02	-1.12	0.02	CO 9
			min V <sub>z</sub>	-74.50	0.00	<b>-34.19</b>	0.01	-7.89	-0.02	CO 17
			max M <sub>T</sub>	-41.39	-0.03	-27.35	<b>0.09</b>	-6.32	-0.08	CO 12
			min M <sub>T</sub>	-13.76	0.00	-6.72	<b>0.00</b>	-1.42	0.00	CO 1
			max M <sub>y</sub>	-2.37	-0.05	-5.34	0.02	<b>-1.12</b>	0.02	CO 9
			min M <sub>y</sub>	-74.50	0.00	-34.19	0.01	<b>-7.89</b>	-0.02	CO 17
			max M <sub>z</sub>	-2.37	-0.05	-5.34	0.02	-1.12	<b>0.02</b>	CO 9
			min M <sub>z</sub>	-41.39	-0.03	-27.35	0.09	-6.32	<b>-0.08</b>	CO 12
			max N	<b>-4.29</b>	0.10	3.46	0.04	-0.93	-0.05	CO 8
			min N	<b>-141.80</b>	0.03	26.69	0.01	-6.53	-0.01	CO 17
			max V <sub>y</sub>	-96.48	<b>0.12</b>	20.94	0.04	-5.23	-0.06	CO 12
			min V <sub>y</sub>	-9.68	<b>-0.04</b>	3.36	0.01	-0.80	0.01	CO 9
			max V <sub>z</sub>	-141.80	0.03	<b>26.69</b>	0.01	-6.53	-0.01	CO 17
			min V <sub>z</sub>	-9.68	-0.04	<b>3.36</b>	0.01	-0.80	0.01	CO 9
			max M <sub>T</sub>	-96.48	0.12	20.94	<b>0.04</b>	-5.23	-0.06	CO 12
			min M <sub>T</sub>	-25.21	0.01	4.55	<b>0.00</b>	-1.08	0.00	CO 1
			max M <sub>y</sub>	-9.68	-0.04	3.36	0.01	<b>-0.80</b>	0.01	CO 9
			min M <sub>y</sub>	-141.80	0.03	26.69	0.01	<b>-6.53</b>	-0.01	CO 17
			max M <sub>z</sub>	-9.68	-0.04	3.36	0.01	-0.80	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-96.48	0.12	20.94	0.04	-5.23	<b>-0.06</b>	CO 12
		2.067	max N	<b>-4.29</b>	0.10	3.21	0.04	-0.10	-0.08	CO 8
			min N	<b>-141.65</b>	0.03	21.71	0.01	-0.48	-0.02	CO 17
			max V <sub>y</sub>	-96.37	<b>0.12</b>	17.18	0.04	-0.47	-0.09	CO 12
			min V <sub>y</sub>	-9.67	<b>-0.04</b>	3.11	0.01	0.01	0.02	CO 9
			max V <sub>z</sub>	-141.65	0.03	<b>21.71</b>	0.01	-0.48	-0.02	CO 17
			min V <sub>z</sub>	-9.67	-0.04	<b>3.11</b>	0.01	0.01	0.02	CO 9
			max M <sub>T</sub>	-96.37	0.12	17.18	<b>0.04</b>	-0.47	-0.09	CO 12
			min M <sub>T</sub>	-25.20	0.01	3.98	<b>0.00</b>	-0.02	0.00	CO 1
			max M <sub>y</sub>	-9.67	-0.04	3.11	0.01	<b>0.01</b>	0.02	CO 9
			min M <sub>y</sub>	-129.06	0.08	21.23	0.03	<b>-0.52</b>	-0.07	CO 18
			max M <sub>z</sub>	-9.67	-0.04	3.11	0.01	0.01	<b>0.02</b>	CO 9
			min M <sub>z</sub>	-96.37	0.12	17.18	0.04	-0.47	<b>-0.09</b>	CO 12
			max N	<b>-4.22</b>	-0.16	0.97	0.04	-0.08	-0.08	CO 8
			min N	<b>-141.43</b>	-0.04	14.00	0.01	-0.46	-0.02	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-9.61	<b>0.02</b>	0.86	0.01	0.01	0.02	CO 9
			min V <sub>y</sub>	-96.18	<b>-0.18</b>	10.65	0.04	-0.45	-0.09	CO 12
			max V <sub>z</sub>	-141.43	-0.04	<b>14.00</b>	0.01	-0.46	-0.02	CO 17
			min V <sub>z</sub>	-9.61	0.02	<b>0.86</b>	0.01	0.01	0.02	CO 9
			max M <sub>T</sub>	-96.18	-0.18	10.65	<b>0.04</b>	-0.45	-0.09	CO 12
			min M <sub>T</sub>	-25.13	-0.01	1.73	<b>0.00</b>	-0.01	0.00	CO 1
			max M <sub>y</sub>	-9.61	0.02	0.86	0.01	<b>0.01</b>	0.02	CO 9
			min M <sub>y</sub>	-128.84	-0.13	13.53	0.03	<b>-0.50</b>	-0.07	CO 18
			max M <sub>z</sub>	-9.61	0.02	0.86	0.01	0.01	<b>0.02</b>	CO 9
			min M <sub>z</sub>	-96.18	-0.18	10.65	0.04	-0.45	<b>-0.09</b>	CO 12
		3.385	max N	<b>-4.19</b>	-0.16	-0.36	0.04	0.32	0.13	CO 8
			min N	<b>-140.69</b>	-0.04	-12.99	0.01	0.22	0.04	CO 17
			max V <sub>y</sub>	-9.57	<b>0.02</b>	-0.46	0.01	0.28	0.00	CO 9
			min V <sub>y</sub>	-95.62	<b>-0.18</b>	-9.54	0.04	0.29	0.15	CO 12
			max V <sub>z</sub>	-4.19	-0.16	<b>-0.36</b>	0.04	0.32	0.13	CO 8
			min V <sub>z</sub>	-140.69	-0.04	<b>-12.99</b>	0.01	0.22	0.04	CO 17
			max M <sub>T</sub>	-95.62	-0.18	-9.54	<b>0.04</b>	0.29	0.15	CO 12
			min M <sub>T</sub>	-25.05	-0.01	-1.32	<b>0.00</b>	0.26	0.01	CO 1
			max M <sub>y</sub>	-4.19	-0.16	-0.36	0.04	<b>0.32</b>	0.13	CO 8
			min M <sub>y</sub>	-140.69	-0.04	-12.99	0.01	<b>0.22</b>	0.04	CO 17
			max M <sub>z</sub>	-95.62	-0.18	-9.54	0.04	0.29	<b>0.15</b>	CO 12
			min M <sub>z</sub>	-9.57	0.02	-0.46	0.01	0.28	<b>0.00</b>	CO 9
			max N	<b>-4.12</b>	0.33	-2.60	0.04	0.32	0.13	CO 8
			min N	<b>-140.48</b>	0.06	-20.70	0.01	0.22	0.04	CO 17
			max V <sub>y</sub>	-95.45	<b>0.37</b>	-16.08	0.04	0.30	0.15	CO 12
			min V <sub>y</sub>	-24.99	<b>0.01</b>	-3.56	0.00	0.26	0.01	CO 1
			max V <sub>z</sub>	-4.12	0.33	<b>-2.60</b>	0.04	0.32	0.13	CO 8
			min V <sub>z</sub>	-140.48	0.06	<b>-20.70</b>	0.01	0.22	0.04	CO 17
			max M <sub>T</sub>	-95.45	0.37	-16.08	<b>0.04</b>	0.30	0.15	CO 12
			min M <sub>T</sub>	-24.99	0.01	-3.56	<b>0.00</b>	0.26	0.01	CO 1
			max M <sub>y</sub>	-4.12	0.33	-2.60	0.04	<b>0.32</b>	0.13	CO 8
			min M <sub>y</sub>	-140.48	0.06	-20.70	0.01	<b>0.22</b>	0.04	CO 17
			max M <sub>z</sub>	-95.45	0.37	-16.08	0.04	0.30	<b>0.15</b>	CO 12
			min M <sub>z</sub>	-9.51	0.02	-2.71	0.01	0.28	<b>0.00</b>	CO 9
		3.635	max N	<b>-4.12</b>	0.33	-2.85	0.04	-0.36	0.04	CO 8
			min N	<b>-140.35</b>	0.06	-25.69	0.01	-5.58	0.02	CO 17
			max V <sub>y</sub>	-95.34	<b>0.37</b>	-19.84	0.04	-4.19	0.06	CO 12
			min V <sub>y</sub>	-24.97	<b>0.01</b>	-4.13	0.00	-0.70	0.01	CO 1
			max V <sub>z</sub>	-4.12	0.33	<b>-2.85</b>	0.04	-0.36	0.04	CO 8
			min V <sub>z</sub>	-140.35	0.06	<b>-25.69</b>	0.01	-5.58	0.02	CO 17
			max M <sub>T</sub>	-95.34	0.37	-19.84	<b>0.04</b>	-4.19	0.06	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-24.97	0.01	-4.13	<b>0.00</b>	-0.70	0.01	CO 1
			max M <sub>y</sub>	-4.12	0.33	-2.85	0.04	<b>-0.36</b>	0.04	CO 8
			min M <sub>y</sub>	-140.35	0.06	-25.69	0.01	<b>-5.58</b>	0.02	CO 17
			max M <sub>z</sub>	-95.34	0.37	-19.84	0.04	-4.19	<b>0.06</b>	CO 12
			min M <sub>z</sub>	-9.50	0.02	-2.96	0.01	-0.43	<b>0.00</b>	CO 9
			max N	<b>3.79</b>	0.00	1.09	0.15	-0.31	-0.01	CO 8
			min N	<b>-63.31</b>	0.01	21.64	0.02	-5.80	0.02	CO 17
			max V <sub>y</sub>	-55.90	<b>0.01</b>	20.81	0.03	-5.60	0.02	CO 19
			min V <sub>y</sub>	3.79	<b>0.00</b>	1.09	0.15	-0.31	-0.01	CO 8
			max V <sub>z</sub>	-63.31	0.01	<b>21.64</b>	0.02	-5.80	0.02	CO 17
			min V <sub>z</sub>	1.80	0.00	<b>1.07</b>	0.02	-0.29	0.00	CO 9
			max M <sub>T</sub>	-37.75	0.01	16.25	<b>0.16</b>	-4.39	0.00	CO 12
			min M <sub>T</sub>	-10.52	0.00	2.43	<b>0.00</b>	-0.61	0.00	CO 1
			max M <sub>y</sub>	1.80	0.00	1.07	0.02	<b>-0.29</b>	0.00	CO 9
			min M <sub>y</sub>	-63.31	0.01	21.64	0.02	<b>-5.80</b>	0.02	CO 17
			max M <sub>z</sub>	-63.31	0.01	21.64	0.02	-5.80	<b>0.02</b>	CO 17
			min M <sub>z</sub>	3.79	0.00	1.09	0.15	-0.31	<b>-0.01</b>	CO 8
	1838	5.452	max N	<b>3.84</b>	0.00	-0.74	0.15	0.00	0.00	CO 8
			min N	<b>-62.21</b>	0.01	-15.33	0.02	0.00	0.00	CO 17
			max V <sub>y</sub>	-62.21	<b>0.01</b>	-15.33	0.02	0.00	0.00	CO 17
			min V <sub>y</sub>	-21.99	<b>0.00</b>	-7.31	0.16	0.00	0.00	CO 14
			max V <sub>z</sub>	3.84	0.00	<b>-0.74</b>	0.15	0.00	0.00	CO 8
			min V <sub>z</sub>	-62.21	0.01	<b>-15.33</b>	0.02	0.00	0.00	CO 17
			max M <sub>T</sub>	-36.94	0.00	-11.45	<b>0.17</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-10.41	0.00	-1.76	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-10.41	0.00	-1.76	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-36.94	0.00	-11.45	0.17	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-36.94	0.00	-11.45	0.17	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-10.41	0.00	-1.76	0.00	0.00	<b>0.00</b>	CO 1
		1.817	Max N	<b>6.63</b>	-0.03	-5.36	0.08	-1.16	-0.06	CO 8
		1.817	Min N	<b>-141.80</b>	0.03	26.69	0.01	-6.53	-0.01	CO 17
		3.635	Max V <sub>y</sub>	-95.34	<b>0.37</b>	-19.84	0.04	-4.19	0.06	CO 12
	1837	0.000	Min V <sub>y</sub>	-42.50	<b>-0.21</b>	15.26	0.09	0.00	0.00	CO 12
		1.817	Max V <sub>z</sub>	-141.80	0.03	<b>26.69</b>	0.01	-6.53	-0.01	CO 17
		1.817	Min V <sub>z</sub>	-74.50	0.00	<b>-34.19</b>	0.01	-7.89	-0.02	CO 17
		4.673	Max M <sub>T</sub>	-37.30	0.00	0.44	<b>0.17</b>	4.29	0.00	CO 12
		1.817	Min M <sub>T</sub>	-25.21	0.01	4.55	<b>0.00</b>	-1.08	0.00	CO 1
		0.700	Max M <sub>y</sub>	-75.30	0.12	-2.65	0.02	<b>8.75</b>	0.09	CO 17
		1.817	Min M <sub>y</sub>	-74.50	0.00	-34.19	0.01	<b>-7.89</b>	-0.02	CO 17
		3.385	Max M <sub>z</sub>	-95.62	-0.18	-9.54	0.04	0.29	<b>0.15</b>	CO 12
		2.067	Min M <sub>z</sub>	-96.18	-0.18	10.65	0.04	-0.45	<b>-0.09</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
2054	1836	0.000	max N	<b>1.16</b>	0.01	0.76	0.00	0.00	0.00	CO 9
			min N	<b>-33.26</b>	0.08	14.66	-0.10	0.00	0.00	CO 18
			max V <sub>y</sub>	-27.35	<b>0.12</b>	11.45	-0.17	0.00	0.00	CO 12
			min V <sub>y</sub>	-4.02	<b>0.00</b>	1.74	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-32.90	0.01	<b>15.24</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	1.16	0.01	<b>0.76</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-4.02	0.00	1.74	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-27.35	0.12	11.45	<b>-0.17</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-21.57	0.03	11.42	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-27.35	0.12	11.45	-0.17	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-27.35	0.12	11.45	-0.17	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-4.02	0.00	1.74	0.00	0.00	<b>0.00</b>	CO 1
		1.817	max N	<b>1.21</b>	0.01	-1.07	0.00	-0.28	-0.02	CO 9
			min N	<b>-32.33</b>	0.07	-20.79	-0.10	-5.61	-0.14	CO 18
			max V <sub>y</sub>	-26.62	<b>0.11</b>	-16.22	-0.17	-4.36	-0.21	CO 12
			min V <sub>y</sub>	-3.91	<b>0.00</b>	-2.44	0.00	-0.64	0.00	CO 1
			max V <sub>z</sub>	-4.61	0.11	<b>-1.04</b>	-0.17	-0.24	-0.20	CO 8
			min V <sub>z</sub>	-31.94	0.01	<b>-21.64</b>	0.00	-5.85	-0.02	CO 17
			max M <sub>T</sub>	-3.91	0.00	-2.44	<b>0.00</b>	-0.64	0.00	CO 1
			min M <sub>T</sub>	-12.66	0.11	-6.88	<b>-0.17</b>	-1.82	-0.20	CO 10
			max M <sub>y</sub>	-4.61	0.11	-1.04	-0.17	<b>-0.24</b>	-0.20	CO 8
			min M <sub>y</sub>	-31.94	0.01	-21.64	0.00	<b>-5.85</b>	-0.02	CO 17
			max M <sub>z</sub>	-3.91	0.00	-2.44	0.00	-0.64	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-26.62	0.11	-16.22	-0.17	-4.36	<b>-0.21</b>	CO 12
			max N	<b>-2.61</b>	0.00	0.91	0.00	-0.24	-0.01	CO 9
			min N	<b>-85.87</b>	-0.07	17.77	-0.05	-4.79	-0.09	CO 18
			max V <sub>y</sub>	-61.36	<b>0.01</b>	13.82	0.00	-3.71	-0.03	CO 13
			min V <sub>y</sub>	-11.72	<b>-0.13</b>	1.01	-0.08	-0.29	-0.13	CO 8
			max V <sub>z</sub>	-85.50	0.00	<b>18.42</b>	0.00	-4.94	-0.02	CO 17
			min V <sub>z</sub>	-2.61	0.00	<b>0.91</b>	0.00	-0.24	-0.01	CO 9
			max M <sub>T</sub>	-39.17	0.01	8.85	<b>0.00</b>	-2.37	-0.02	CO 15
			min M <sub>T</sub>	-11.72	-0.13	1.01	<b>-0.08</b>	-0.29	-0.13	CO 8
			max M <sub>y</sub>	-2.61	0.00	0.91	0.00	<b>-0.24</b>	-0.01	CO 9
			min M <sub>y</sub>	-85.50	0.00	18.42	0.00	<b>-4.94</b>	-0.02	CO 17
			max M <sub>z</sub>	-11.11	0.00	2.09	0.00	-0.54	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-70.47	-0.12	13.92	-0.08	-3.76	<b>-0.14</b>	CO 12
		3.635	max N	<b>-2.56</b>	0.00	-0.92	0.00	-0.24	-0.02	CO 9
			min N	<b>-84.90</b>	-0.08	-17.66	-0.05	-4.69	0.05	CO 18
			max V <sub>y</sub>	-2.56	<b>0.00</b>	-0.92	0.00	-0.24	-0.02	CO 9
			min V <sub>y</sub>	-69.71	<b>-0.13</b>	-13.73	-0.08	-3.59	0.09	CO 12
			max V <sub>z</sub>	-11.67	-0.13	<b>-0.81</b>	-0.08	-0.11	0.10	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-84.48	0.00	<b>-18.42</b>	0.00	-4.95	-0.01	CO 17
			max M <sub>T</sub>	-38.68	0.00	-8.86	<b>0.00</b>	-2.38	-0.02	CO 15
			min M <sub>T</sub>	-11.67	-0.13	-0.81	<b>-0.08</b>	-0.11	0.10	CO 8
			max M <sub>y</sub>	-11.67	-0.13	-0.81	-0.08	<b>-0.11</b>	0.10	CO 8
			min M <sub>y</sub>	-84.48	0.00	-18.42	0.00	<b>-4.95</b>	-0.01	CO 17
			max M <sub>z</sub>	-11.67	-0.13	-0.81	-0.08	-0.11	<b>0.10</b>	CO 8
			min M <sub>z</sub>	-60.59	-0.01	-13.83	0.00	-3.72	<b>-0.03</b>	CO 13
			max N	<b>1.45</b>	-0.01	1.07	0.01	-0.28	-0.02	CO 9
			min N	<b>-35.21</b>	0.04	20.79	-0.09	-5.61	0.08	CO 18
			max V <sub>y</sub>	-11.01	<b>0.08</b>	1.03	-0.16	-0.22	0.15	CO 8
			min V <sub>y</sub>	-19.85	<b>-0.02</b>	16.24	0.00	-4.40	-0.04	CO 13
			max V <sub>z</sub>	-30.80	-0.01	<b>21.64</b>	0.00	-5.86	-0.02	CO 17
			min V <sub>z</sub>	-11.01	0.08	<b>1.03</b>	-0.16	-0.22	0.15	CO 8
			max M <sub>T</sub>	1.45	-0.01	1.07	<b>0.01</b>	-0.28	-0.02	CO 9
			min M <sub>T</sub>	-11.01	0.08	1.03	<b>-0.16</b>	-0.22	0.15	CO 8
			max M <sub>y</sub>	-11.01	0.08	1.03	-0.16	<b>-0.22</b>	0.15	CO 8
			min M <sub>y</sub>	-30.80	-0.01	21.64	0.00	<b>-5.86</b>	-0.02	CO 17
			max M <sub>z</sub>	-11.01	0.08	1.03	-0.16	-0.22	<b>0.15</b>	CO 8
			min M <sub>z</sub>	-19.85	-0.02	16.24	0.00	-4.40	<b>-0.04</b>	CO 13
	1840	5.452	max N	<b>1.50</b>	-0.01	-0.76	0.01	0.00	0.00	CO 9
			min N	<b>-34.18</b>	0.04	-14.66	-0.09	0.00	0.00	CO 18
			max V <sub>y</sub>	-10.96	<b>0.09</b>	-0.79	-0.16	0.00	0.00	CO 8
			min V <sub>y</sub>	-19.06	<b>-0.03</b>	-11.42	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	1.50	-0.01	<b>-0.76</b>	0.01	0.00	0.00	CO 9
			min V <sub>z</sub>	-29.72	-0.01	<b>-15.23</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	1.50	-0.01	-0.76	<b>0.01</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-31.55	0.08	-11.46	<b>-0.16</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-19.06	-0.03	-11.42	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-31.55	0.08	-11.46	-0.16	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-19.06	-0.03	-11.42	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-31.55	0.08	-11.46	-0.16	0.00	<b>0.00</b>	CO 12
	1840	5.452	Max N	<b>1.50</b>	-0.01	-0.76	0.01	0.00	0.00	CO 9
		1.817	Min N	<b>-85.87</b>	-0.07	17.77	-0.05	-4.79	-0.09	CO 18
	1836	0.000	Max V <sub>y</sub>	-27.35	<b>0.12</b>	11.45	-0.17	0.00	0.00	CO 12
		3.116	Min V <sub>y</sub>	-69.93	<b>-0.13</b>	-5.86	-0.08	1.51	0.03	CO 12
		3.635	Max V <sub>z</sub>	-30.80	-0.01	<b>21.64</b>	0.00	-5.86	-0.02	CO 17
		1.817	Min V <sub>z</sub>	-31.94	0.01	<b>-21.64</b>	0.00	-5.85	-0.02	CO 17
		3.635	Max M <sub>T</sub>	1.45	-0.01	1.07	<b>0.01</b>	-0.28	-0.02	CO 9
		0.682	Min M <sub>T</sub>	-27.09	0.12	1.07	<b>-0.17</b>	4.27	-0.08	CO 12
		4.673	Max M <sub>y</sub>	-30.21	-0.01	0.59	0.00	<b>5.71</b>	-0.01	CO 17
		3.635	Min M <sub>y</sub>	-30.80	-0.01	21.64	0.00	<b>-5.86</b>	-0.02	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		3.635	Max M <sub>z</sub>	-11.01	0.08	1.03	-0.16	-0.22	<b>0.15</b>	CO 8
		1.817	Min M <sub>z</sub>	-26.62	0.11	-16.22	-0.17	-4.36	<b>-0.21</b>	CO 12
2055	1842	0.000	max N	<b>-1.02</b>	0.01	0.67	-0.03	0.00	0.00	CO 9
			min N	<b>-74.73</b>	-0.05	13.12	0.05	0.00	0.00	CO 18
			max V <sub>y</sub>	-30.59	<b>0.01</b>	7.20	-0.04	0.00	0.00	CO 15
			min V <sub>y</sub>	-62.78	<b>-0.07</b>	8.94	0.10	0.00	0.00	CO 12
			max V <sub>z</sub>	-73.68	-0.01	<b>15.15</b>	-0.02	0.00	0.00	CO 17
			min V <sub>z</sub>	-15.48	-0.06	<b>-1.69</b>	0.12	0.00	0.00	CO 8
			max M <sub>T</sub>	-15.48	-0.06	-1.69	<b>0.12</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-48.30	0.01	11.29	<b>-0.04</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-13.76	0.00	1.68	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-15.48	-0.06	-1.69	0.12	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-66.04	0.00	14.53	-0.03	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	-62.78	-0.07	8.94	0.10	0.00	<b>0.00</b>	CO 12
			max N	<b>-1.02</b>	0.01	0.67	-0.03	0.00	0.00	CO 9
			min N	<b>-74.73</b>	-0.05	13.12	0.05	0.00	0.00	CO 18
			max V <sub>y</sub>	-30.59	<b>0.01</b>	7.20	-0.04	0.00	0.00	CO 15
			min V <sub>y</sub>	-62.78	<b>-0.07</b>	8.94	0.10	0.00	0.00	CO 12
			max V <sub>z</sub>	-73.68	-0.01	<b>15.15</b>	-0.02	0.00	0.00	CO 17
			min V <sub>z</sub>	-15.48	-0.06	<b>-1.69</b>	0.12	0.00	0.00	CO 8
			max M <sub>T</sub>	-15.48	-0.06	-1.69	<b>0.12</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-48.30	0.01	11.29	<b>-0.04</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-73.68	-0.01	15.15	-0.02	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-15.48	-0.06	-1.69	0.12	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-66.04	0.00	14.53	-0.03	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	-62.78	-0.07	8.94	0.10	0.00	<b>0.00</b>	CO 12
		1.817	max N	<b>-0.97</b>	0.00	-1.16	-0.03	-0.44	-0.01	CO 9
			min N	<b>-73.92</b>	-0.04	-18.91	0.05	-5.33	0.08	CO 18
			max V <sub>y</sub>	-0.97	<b>0.00</b>	-1.16	-0.03	-0.44	-0.01	CO 9
			min V <sub>y</sub>	-33.06	<b>-0.07</b>	-3.52	0.11	-1.05	0.13	CO 10
			max V <sub>z</sub>	-15.59	-0.06	<b>2.35</b>	0.12	0.60	0.12	CO 8
			min V <sub>z</sub>	-72.75	-0.01	<b>-21.83</b>	-0.02	-6.15	0.01	CO 17
			max M <sub>T</sub>	-15.59	-0.06	2.35	<b>0.12</b>	0.60	0.12	CO 8
			min M <sub>T</sub>	-47.58	0.00	-16.42	<b>-0.04</b>	-4.70	0.00	CO 13
			max M <sub>y</sub>	-15.59	-0.06	2.35	0.12	<b>0.60</b>	0.12	CO 8
			min M <sub>y</sub>	-72.75	-0.01	-21.83	-0.02	<b>-6.15</b>	0.01	CO 17
			max M <sub>z</sub>	-62.21	-0.07	-12.92	0.10	-3.66	<b>0.13</b>	CO 12
			min M <sub>z</sub>	-30.12	0.00	-10.53	-0.04	-3.04	<b>-0.01</b>	CO 15
			max N	<b>-13.80</b>	-0.03	6.53	-0.02	-0.93	-0.01	CO 9
			min N	<b>-153.88</b>	-0.04	35.89	-0.01	-6.85	0.01	CO 17
			max V <sub>y</sub>	-22.07	<b>0.17</b>	3.70	0.03	-0.16	0.05	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-112.14	<b>-0.05</b>	28.91	-0.02	-5.41	-0.01	CO 13
			max V <sub>z</sub>	-153.88	-0.04	<b>35.89</b>	-0.01	-6.85	0.01	CO 17
			min V <sub>z</sub>	-22.07	0.17	<b>3.70</b>	0.03	-0.16	0.05	CO 8
			max M <sub>T</sub>	-22.07	0.17	3.70	<b>0.03</b>	-0.16	0.05	CO 8
			min M <sub>T</sub>	-112.14	-0.05	28.91	<b>-0.02</b>	-5.41	-0.01	CO 13
			max M <sub>y</sub>	-22.07	0.17	3.70	0.03	<b>-0.16</b>	0.05	CO 8
			min M <sub>y</sub>	-153.88	-0.04	35.89	-0.01	<b>-6.85</b>	0.01	CO 17
			max M <sub>z</sub>	-120.49	0.15	26.08	0.03	-4.64	<b>0.06</b>	CO 12
			min M <sub>z</sub>	-74.23	-0.04	19.98	-0.02	-3.64	<b>-0.01</b>	CO 15
		2.067	max N	<b>-13.80</b>	-0.03	6.28	-0.02	0.67	0.00	CO 9
			min N	<b>-153.73</b>	-0.04	30.90	-0.01	1.50	0.02	CO 17
			max V <sub>y</sub>	-22.08	<b>0.17</b>	4.25	0.03	0.83	0.01	CO 8
			min V <sub>y</sub>	-112.03	<b>-0.05</b>	25.15	-0.02	1.35	0.01	CO 13
			max V <sub>z</sub>	-153.73	-0.04	<b>30.90</b>	-0.01	1.50	0.02	CO 17
			min V <sub>z</sub>	-22.08	0.17	<b>4.25</b>	0.03	0.83	0.01	CO 8
			max M <sub>T</sub>	-22.08	0.17	4.25	<b>0.03</b>	0.83	0.01	CO 8
			min M <sub>T</sub>	-112.03	-0.05	25.15	<b>-0.02</b>	1.35	0.01	CO 13
			max M <sub>y</sub>	-149.27	0.07	29.16	0.01	<b>1.60</b>	0.02	CO 18
			min M <sub>y</sub>	-29.62	-0.01	7.12	0.00	<b>0.66</b>	0.01	CO 1
			max M <sub>z</sub>	-120.41	0.15	23.12	0.03	1.51	<b>0.03</b>	CO 12
			min M <sub>z</sub>	-74.16	-0.04	17.56	-0.02	1.05	<b>0.00</b>	CO 15
			max N	<b>-13.63</b>	-0.01	0.69	-0.02	0.54	0.00	CO 9
			min N	<b>-153.13</b>	0.00	13.63	-0.01	0.84	0.02	CO 17
			max V <sub>y</sub>	-67.19	<b>0.01</b>	5.20	0.00	0.65	0.02	CO 2
			min V <sub>y</sub>	-82.12	<b>-0.01</b>	4.50	0.03	0.88	0.02	CO 14
			max V <sub>z</sub>	-153.13	0.00	<b>13.63</b>	-0.01	0.84	0.02	CO 17
			min V <sub>z</sub>	-21.91	-0.01	<b>-1.34</b>	0.03	0.73	0.01	CO 8
			max M <sub>T</sub>	-21.91	-0.01	-1.34	<b>0.03</b>	0.73	0.01	CO 8
			min M <sub>T</sub>	-111.52	0.00	10.22	<b>-0.02</b>	0.82	0.01	CO 13
			max M <sub>y</sub>	-119.89	-0.01	8.19	0.03	<b>1.01</b>	0.03	CO 12
			min M <sub>y</sub>	-29.44	0.00	1.54	0.00	<b>0.51</b>	0.01	CO 1
			max M <sub>z</sub>	-119.89	-0.01	8.19	0.03	1.01	<b>0.03</b>	CO 12
			min M <sub>z</sub>	-73.79	-0.01	6.53	-0.02	0.69	<b>0.00</b>	CO 15
		3.385	max N	<b>-13.59</b>	-0.01	-0.64	-0.02	0.57	0.01	CO 9
			min N	<b>-152.39</b>	0.00	-13.51	-0.01	0.92	0.02	CO 17
			max V <sub>y</sub>	-66.90	<b>0.01</b>	-5.13	0.00	0.69	0.01	CO 2
			min V <sub>y</sub>	-81.88	<b>-0.01</b>	-4.22	0.03	1.06	0.03	CO 14
			max V <sub>z</sub>	-21.99	-0.01	<b>1.58</b>	0.03	0.89	0.03	CO 8
			min V <sub>z</sub>	-152.39	0.00	<b>-13.51</b>	-0.01	0.92	0.02	CO 17
			max M <sub>T</sub>	-21.99	-0.01	1.58	<b>0.03</b>	0.89	0.03	CO 8
			min M <sub>T</sub>	-110.97	-0.01	-10.08	<b>-0.02</b>	0.91	0.01	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-119.45	-0.01	-7.87	0.03	<b>1.23</b>	0.04	CO 12
			min M <sub>y</sub>	-29.35	0.00	-1.52	0.00	<b>0.53</b>	0.00	CO 1
			max M <sub>z</sub>	-119.45	-0.01	-7.87	0.03	1.23	<b>0.04</b>	CO 12
			min M <sub>z</sub>	-29.35	0.00	-1.52	0.00	0.53	<b>0.00</b>	CO 1
			max N	<b>-13.45</b>	-0.01	-6.22	-0.02	0.69	0.01	CO 9
			min N	<b>-152.04</b>	0.00	-30.81	-0.01	1.55	0.02	CO 17
			max V <sub>y</sub>	-119.15	<b>0.07</b>	-22.81	0.03	1.70	0.04	CO 12
			min V <sub>y</sub>	-73.20	<b>-0.01</b>	-17.48	-0.02	1.10	0.01	CO 15
			max V <sub>z</sub>	-21.85	0.07	<b>-4.00</b>	0.03	0.98	0.03	CO 8
			min V <sub>z</sub>	-152.04	0.00	<b>-30.81</b>	-0.01	1.55	0.02	CO 17
			max M <sub>T</sub>	-21.85	0.07	-4.00	<b>0.03</b>	0.98	0.03	CO 8
			min M <sub>T</sub>	-110.65	-0.01	-25.04	<b>-0.02</b>	1.41	0.01	CO 13
			max M <sub>y</sub>	-147.68	0.04	-28.93	0.01	<b>1.74</b>	0.03	CO 18
			min M <sub>y</sub>	-29.23	0.00	-7.10	0.00	<b>0.67</b>	0.00	CO 1
			max M <sub>z</sub>	-119.15	0.07	-22.81	0.03	1.70	<b>0.04</b>	CO 12
			min M <sub>z</sub>	-29.23	0.00	-7.10	0.00	0.67	<b>0.00</b>	CO 1
		3.635	max N	<b>-13.45</b>	-0.01	-6.47	-0.02	-0.89	0.01	CO 9
			min N	<b>-151.91</b>	0.00	-35.80	-0.01	-6.78	0.01	CO 17
			max V <sub>y</sub>	-119.06	<b>0.07</b>	-25.78	0.03	-4.38	0.02	CO 12
			min V <sub>y</sub>	-73.13	<b>-0.01</b>	-19.90	-0.02	-3.57	0.01	CO 15
			max V <sub>z</sub>	-21.87	0.07	<b>-3.45</b>	0.03	0.05	0.01	CO 8
			min V <sub>z</sub>	-151.91	0.00	<b>-35.80</b>	-0.01	-6.78	0.01	CO 17
			max M <sub>T</sub>	-21.87	0.07	-3.45	<b>0.03</b>	0.05	0.01	CO 8
			min M <sub>T</sub>	-110.55	-0.01	-28.80	<b>-0.02</b>	-5.32	0.01	CO 13
			max M <sub>y</sub>	-21.87	0.07	-3.45	0.03	<b>0.05</b>	0.01	CO 8
			min M <sub>y</sub>	-151.91	0.00	-35.80	-0.01	<b>-6.78</b>	0.01	CO 17
			max M <sub>z</sub>	-119.06	0.07	-25.78	0.03	-4.38	<b>0.02</b>	CO 12
			min M <sub>z</sub>	-29.21	0.00	-7.67	0.00	-1.17	<b>0.00</b>	CO 1
			max N	<b>-2.20</b>	0.00	1.16	-0.02	-0.44	0.01	CO 9
			min N	<b>-77.42</b>	0.01	18.62	0.02	-5.24	0.02	CO 18
			max V <sub>y</sub>	-67.17	<b>0.01</b>	12.44	0.05	-3.50	0.02	CO 12
			min V <sub>y</sub>	-13.83	<b>0.00</b>	2.51	0.00	-0.76	0.00	CO 1
			max V <sub>z</sub>	-73.89	0.01	<b>21.84</b>	-0.01	-6.16	0.02	CO 17
			min V <sub>z</sub>	-19.62	0.01	<b>-2.83</b>	0.06	0.77	0.01	CO 8
			max M <sub>T</sub>	-19.62	0.01	-2.83	<b>0.06</b>	0.77	0.01	CO 8
			min M <sub>T</sub>	-49.67	0.01	16.42	<b>-0.03</b>	-4.70	0.01	CO 13
			max M <sub>y</sub>	-19.62	0.01	-2.83	0.06	<b>0.77</b>	0.01	CO 8
			min M <sub>y</sub>	-73.89	0.01	21.84	-0.01	<b>-6.16</b>	0.02	CO 17
			max M <sub>z</sub>	-67.17	0.01	12.44	0.05	-3.50	<b>0.02</b>	CO 12
			min M <sub>z</sub>	-13.83	0.00	2.51	0.00	-0.76	<b>0.00</b>	CO 1
		3.852	max N	<b>-2.19</b>	0.00	0.94	-0.02	-0.21	0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-77.31</b>	0.01	14.85	0.02	-1.60	0.02	CO 18
			max V <sub>y</sub>	-67.10	<b>0.01</b>	9.86	0.05	-1.07	0.02	CO 12
			min V <sub>y</sub>	-13.82	<b>0.00</b>	2.01	0.00	-0.26	0.00	CO 1
			max V <sub>z</sub>	-73.76	0.01	<b>17.47</b>	-0.01	-1.88	0.01	CO 17
			min V <sub>z</sub>	-19.64	0.01	<b>-2.35</b>	0.06	0.21	0.01	CO 8
			max M <sub>T</sub>	-19.64	0.01	-2.35	<b>0.06</b>	0.21	0.01	CO 8
			min M <sub>T</sub>	-49.57	0.01	13.14	<b>-0.03</b>	-1.49	0.01	CO 13
			max M <sub>y</sub>	-19.64	0.01	-2.35	0.06	<b>0.21</b>	0.01	CO 8
			min M <sub>y</sub>	-73.76	0.01	17.47	-0.01	<b>-1.88</b>	0.01	CO 17
			max M <sub>z</sub>	-67.10	0.01	9.86	0.05	-1.07	<b>0.02</b>	CO 12
			min M <sub>z</sub>	-13.82	0.00	2.01	0.00	-0.26	<b>0.00</b>	CO 1
			max N	<b>-2.19</b>	0.00	0.94	-0.02	-0.21	0.01	CO 9
			min N	<b>-77.31</b>	0.01	14.85	0.02	-1.60	0.02	CO 18
			max V <sub>y</sub>	-67.10	<b>0.01</b>	9.86	0.05	-1.07	0.02	CO 12
			min V <sub>y</sub>	-13.82	<b>0.00</b>	2.01	0.00	-0.26	0.00	CO 1
			max V <sub>z</sub>	-73.76	0.01	<b>17.47</b>	-0.01	-1.88	0.01	CO 17
			min V <sub>z</sub>	-19.64	0.01	<b>-2.35</b>	0.06	0.21	0.01	CO 8
			max M <sub>T</sub>	-19.64	0.01	-2.35	<b>0.06</b>	0.21	0.01	CO 8
			min M <sub>T</sub>	-49.57	0.01	13.14	<b>-0.03</b>	-1.49	0.01	CO 13
			max M <sub>y</sub>	-19.64	0.01	-2.35	0.06	<b>0.21</b>	0.01	CO 8
			min M <sub>y</sub>	-73.76	0.01	17.47	-0.01	<b>-1.88</b>	0.01	CO 17
			max M <sub>z</sub>	-67.10	0.01	9.86	0.05	-1.07	<b>0.02</b>	CO 12
			min M <sub>z</sub>	-13.82	0.00	2.01	0.00	-0.26	<b>0.00</b>	CO 1
		3.950	max N	<b>-2.19</b>	0.00	0.84	-0.02	-0.13	0.01	CO 9
			min N	<b>-77.26</b>	0.01	13.14	0.02	-0.23	0.02	CO 18
			max V <sub>y</sub>	-67.06	<b>0.01</b>	8.69	0.05	-0.16	0.02	CO 12
			min V <sub>y</sub>	-13.81	<b>0.00</b>	1.78	0.00	-0.08	0.00	CO 1
			max V <sub>z</sub>	-73.70	0.01	<b>15.50</b>	-0.01	-0.27	0.01	CO 17
			min V <sub>z</sub>	-19.64	0.01	<b>-2.13</b>	0.06	-0.01	0.01	CO 8
			max M <sub>T</sub>	-19.64	0.01	-2.13	<b>0.06</b>	-0.01	0.01	CO 8
			min M <sub>T</sub>	-49.53	0.01	11.66	<b>-0.03</b>	-0.28	0.01	CO 13
			max M <sub>y</sub>	-19.64	0.01	-2.13	0.06	<b>-0.01</b>	0.01	CO 8
			min M <sub>y</sub>	-66.72	0.01	14.92	-0.03	<b>-0.30</b>	0.01	CO 19
			max M <sub>z</sub>	-67.06	0.01	8.69	0.05	-0.16	<b>0.02</b>	CO 12
			min M <sub>z</sub>	-13.81	0.00	1.78	0.00	-0.08	<b>0.00</b>	CO 1
			max N	<b>-2.19</b>	0.00	0.84	-0.02	-0.13	0.01	CO 9
			min N	<b>-77.26</b>	0.01	13.14	0.02	-0.23	0.02	CO 18
			max V <sub>y</sub>	-67.06	<b>0.01</b>	8.69	0.05	-0.16	0.02	CO 12
			min V <sub>y</sub>	-13.81	<b>0.00</b>	1.78	0.00	-0.08	0.00	CO 1
			max V <sub>z</sub>	-73.70	0.01	<b>15.50</b>	-0.01	-0.27	0.01	CO 17
			min V <sub>z</sub>	-19.64	0.01	<b>-2.13</b>	0.06	-0.01	0.01	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-19.64	0.01	-2.13	<b>0.06</b>	-0.01	0.01	CO 8
			min M <sub>T</sub>	-49.53	0.01	11.66	<b>-0.03</b>	-0.28	0.01	CO 13
			max M <sub>y</sub>	-19.64	0.01	-2.13	0.06	<b>-0.01</b>	0.01	CO 8
			min M <sub>y</sub>	-66.72	0.01	14.92	-0.03	<b>-0.30</b>	0.01	CO 19
			max M <sub>z</sub>	-67.06	0.01	8.69	0.05	-0.16	<b>0.02</b>	CO 12
			min M <sub>z</sub>	-13.81	0.00	1.78	0.00	-0.08	<b>0.00</b>	CO 1
		4.752	max N	<b>-2.17</b>	0.00	0.03	-0.02	0.22	0.00	CO 9
			min N	<b>-76.87</b>	0.01	-0.74	0.03	4.76	0.01	CO 18
			max V <sub>y</sub>	-66.80	<b>0.01</b>	-0.48	0.05	3.14	0.01	CO 12
			min V <sub>y</sub>	-13.76	<b>0.00</b>	-0.07	0.00	0.61	0.00	CO 1
			max V <sub>z</sub>	-19.71	0.01	<b>0.15</b>	0.06	-0.81	0.01	CO 8
			min V <sub>z</sub>	-73.24	0.01	<b>-0.87</b>	-0.01	5.62	0.01	CO 17
			max M <sub>T</sub>	-19.71	0.01	0.15	<b>0.06</b>	-0.81	0.01	CO 8
			min M <sub>T</sub>	-49.19	0.01	-0.60	<b>-0.04</b>	4.17	0.00	CO 13
			max M <sub>y</sub>	-73.24	0.01	-0.87	-0.01	<b>5.62</b>	0.01	CO 17
			min M <sub>y</sub>	-19.71	0.01	0.15	0.06	<b>-0.81</b>	0.01	CO 8
			max M <sub>z</sub>	-66.80	0.01	-0.48	0.05	3.14	<b>0.01</b>	CO 12
			min M <sub>z</sub>	-31.25	0.00	-0.36	-0.03	2.65	<b>0.00</b>	CO 15
			max N	<b>-2.17</b>	0.00	0.03	-0.02	0.22	0.00	CO 9
			min N	<b>-76.87</b>	0.01	-0.74	0.03	4.76	0.01	CO 18
			max V <sub>y</sub>	-66.80	<b>0.01</b>	-0.48	0.05	3.14	0.01	CO 12
			min V <sub>y</sub>	-13.76	<b>0.00</b>	-0.07	0.00	0.61	0.00	CO 1
			max V <sub>z</sub>	-19.71	0.01	<b>0.15</b>	0.06	-0.81	0.01	CO 8
			min V <sub>z</sub>	-73.24	0.01	<b>-0.87</b>	-0.01	5.62	0.01	CO 17
			max M <sub>T</sub>	-19.71	0.01	0.15	<b>0.06</b>	-0.81	0.01	CO 8
			min M <sub>T</sub>	-49.19	0.01	-0.60	<b>-0.04</b>	4.17	0.00	CO 13
			max M <sub>y</sub>	-73.24	0.01	-0.87	-0.01	<b>5.62</b>	0.01	CO 17
			min M <sub>y</sub>	-19.71	0.01	0.15	0.06	<b>-0.81</b>	0.01	CO 8
			max M <sub>z</sub>	-66.80	0.01	-0.48	0.05	3.14	<b>0.01</b>	CO 12
			min M <sub>z</sub>	-31.25	0.00	-0.36	-0.03	2.65	<b>0.00</b>	CO 15
		5.452	max N	<b>-2.15</b>	0.00	-0.67	-0.02	0.00	0.00	CO 9
			min N	<b>-76.49</b>	0.01	-12.84	0.03	0.00	0.00	CO 18
			max V <sub>y</sub>	-66.56	<b>0.01</b>	-8.48	0.05	0.00	0.00	CO 12
			min V <sub>y</sub>	-31.05	<b>0.00</b>	-7.20	-0.03	0.00	0.00	CO 15
			max V <sub>z</sub>	-19.76	0.01	<b>2.15</b>	0.06	0.00	0.00	CO 8
			min V <sub>z</sub>	-72.79	0.01	<b>-15.14</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-19.76	0.01	2.15	<b>0.06</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-48.86	0.00	-11.29	<b>-0.03</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-72.79	0.01	-15.14	-0.01	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-19.76	0.01	2.15	0.06	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-66.56	0.01	-8.48	0.05	0.00	<b>0.00</b>	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1843		min M <sub>z</sub>	-48.86	0.00	-11.29	-0.03	0.00	<b>0.00</b>	CO 13
			max N	<b>-2.15</b>	0.00	-0.67	-0.02	0.00	0.00	CO 9
			min N	<b>-76.49</b>	0.01	-12.84	0.03	0.00	0.00	CO 18
			max V <sub>y</sub>	-66.56	<b>0.01</b>	-8.48	0.05	0.00	0.00	CO 12
			min V <sub>y</sub>	-31.05	<b>0.00</b>	-7.20	-0.03	0.00	0.00	CO 15
			max V <sub>z</sub>	-19.76	0.01	<b>2.15</b>	0.06	0.00	0.00	CO 8
			min V <sub>z</sub>	-72.79	0.01	<b>-15.14</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-19.76	0.01	2.15	<b>0.06</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-48.86	0.00	-11.29	<b>-0.03</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-13.72	0.00	-1.68	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-19.76	0.01	2.15	0.06	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-66.56	0.01	-8.48	0.05	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-48.86	0.00	-11.29	-0.03	0.00	<b>0.00</b>	CO 13
		1.817	Max N	<b>-0.97</b>	0.00	-1.16	-0.03	-0.44	-0.01	CO 9
	1842	1.817	Min N	<b>-153.88</b>	-0.04	35.89	-0.01	-6.85	0.01	CO 17
		2.067	Max V <sub>y</sub>	-22.08	<b>0.17</b>	4.25	0.03	0.83	0.01	CO 8
		0.000	Min V <sub>y</sub>	-62.78	<b>-0.07</b>	8.94	0.10	0.00	0.00	CO 12
		1.817	Max V <sub>z</sub>	-153.88	-0.04	<b>35.89</b>	-0.01	-6.85	0.01	CO 17
		3.635	Min V <sub>z</sub>	-151.91	0.00	<b>-35.80</b>	-0.01	-6.78	0.01	CO 17
		1.817	Max M <sub>T</sub>	-15.59	-0.06	2.35	<b>0.12</b>	0.60	0.12	CO 8
		0.779	Min M <sub>T</sub>	-48.00	0.00	-0.61	<b>-0.04</b>	4.17	0.00	CO 13
		0.779	Max M <sub>y</sub>	-73.31	-0.01	-0.74	-0.02	<b>5.63</b>	0.01	CO 17
		1.817	Min M <sub>y</sub>	-153.88	-0.04	35.89	-0.01	<b>-6.85</b>	0.01	CO 17
		1.817	Max M <sub>z</sub>	-62.21	-0.07	-12.92	0.10	-3.66	<b>0.13</b>	CO 12
		1.817	Min M <sub>z</sub>	-74.23	-0.04	19.98	-0.02	-3.64	<b>-0.01</b>	CO 15
2056	483	0.000	max N	<b>-15.73</b>	-0.32	1.00	0.00	-0.06	1.08	CO 9
			min N	<b>-126.30</b>	0.17	0.19	0.00	-0.01	-1.25	CO 17
			max V <sub>y</sub>	-97.97	<b>6.82</b>	1.10	0.03	0.10	-4.68	CO 12
			min V <sub>y</sub>	-15.73	<b>-0.32</b>	1.00	0.00	-0.06	1.08	CO 9
			max V <sub>z</sub>	-97.68	-0.17	<b>1.14</b>	0.00	-0.08	0.05	CO 13
			min V <sub>z</sub>	-22.72	-0.02	<b>0.03</b>	0.00	0.00	0.07	CO 1
			max M <sub>T</sub>	-16.01	6.57	0.96	<b>0.03</b>	0.12	-3.58	CO 8
			min M <sub>T</sub>	-97.68	-0.17	1.14	<b>0.00</b>	-0.08	0.05	CO 13
			max M <sub>y</sub>	-16.01	6.57	0.96	0.03	<b>0.12</b>	-3.58	CO 8
			min M <sub>y</sub>	-97.68	-0.17	1.14	0.00	<b>-0.08</b>	0.05	CO 13
			max M <sub>z</sub>	-15.73	-0.32	1.00	0.00	-0.06	<b>1.08</b>	CO 9
			min M <sub>z</sub>	-97.97	6.82	1.10	0.03	0.10	<b>-4.68</b>	CO 12
		0.150	max N	<b>-15.58</b>	-0.32	1.00	0.00	0.09	1.13	CO 9
			min N	<b>-126.15</b>	0.17	0.19	0.00	0.02	-1.27	CO 17
			max V <sub>y</sub>	-97.81	<b>6.82</b>	1.10	0.03	0.27	-5.70	CO 12
			min V <sub>y</sub>	-15.58	<b>-0.32</b>	1.00	0.00	0.09	1.13	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-97.53	-0.17	<b>1.14</b>	0.00	0.10	0.08	CO 13
			min V <sub>z</sub>	-22.56	-0.02	<b>0.03</b>	0.00	0.00	0.07	CO 1
			max M <sub>T</sub>	-15.86	6.57	0.96	<b>0.03</b>	0.26	-4.57	CO 8
			min M <sub>T</sub>	-97.53	-0.17	1.14	<b>0.00</b>	0.10	0.08	CO 13
			max M <sub>y</sub>	-97.81	6.82	1.10	0.03	<b>0.27</b>	-5.70	CO 12
			min M <sub>y</sub>	-22.56	-0.02	0.03	0.00	<b>0.00</b>	0.07	CO 1
			max M <sub>z</sub>	-15.58	-0.32	1.00	0.00	0.09	<b>1.13</b>	CO 9
			min M <sub>z</sub>	-97.81	6.82	1.10	0.03	0.27	<b>-5.70</b>	CO 12
			max N	<b>-10.38</b>	4.62	0.03	0.00	0.02	1.13	CO 9
			min N	<b>-120.13</b>	-24.39	0.04	0.00	0.01	-1.30	CO 17
			max V <sub>y</sub>	-10.62	<b>16.87</b>	0.11	0.03	0.19	-4.16	CO 8
			min V <sub>y</sub>	-120.13	<b>-24.39</b>	0.04	0.00	0.01	-1.30	CO 17
			max V <sub>z</sub>	-92.13	0.39	<b>0.15</b>	0.03	0.18	-5.31	CO 12
			min V <sub>z</sub>	-17.14	-3.09	<b>0.01</b>	0.00	0.00	0.07	CO 1
			max M <sub>T</sub>	-41.94	11.18	0.12	<b>0.03</b>	0.19	-4.55	CO 10
			min M <sub>T</sub>	-60.55	-6.27	0.06	<b>0.00</b>	0.02	0.42	CO 15
			max M <sub>y</sub>	-10.62	16.87	0.11	0.03	<b>0.19</b>	-4.16	CO 8
			min M <sub>y</sub>	-17.14	-3.09	0.01	0.00	<b>0.00</b>	0.07	CO 1
			max M <sub>z</sub>	-10.38	4.62	0.03	0.00	0.02	<b>1.13</b>	CO 9
			min M <sub>z</sub>	-92.13	0.39	0.15	0.03	0.18	<b>-5.31</b>	CO 12
	451	0.300	max N	<b>-10.22</b>	4.62	0.03	0.00	0.03	0.43	CO 9
			min N	<b>-119.97</b>	-24.39	0.04	0.00	0.01	2.36	CO 17
			max V <sub>y</sub>	-10.47	<b>16.87</b>	0.10	0.03	0.20	-6.69	CO 8
			min V <sub>y</sub>	-119.97	<b>-24.39</b>	0.04	0.00	0.01	2.36	CO 17
			max V <sub>z</sub>	-91.98	0.39	<b>0.15</b>	0.03	0.20	-5.37	CO 12
			min V <sub>z</sub>	-16.99	-3.09	<b>0.01</b>	0.00	0.00	0.53	CO 1
			max M <sub>T</sub>	-91.98	0.39	0.15	<b>0.03</b>	0.20	-5.37	CO 12
			min M <sub>T</sub>	-10.22	4.62	0.03	<b>0.00</b>	0.03	0.43	CO 9
			max M <sub>y</sub>	-41.78	11.18	0.12	0.03	<b>0.21</b>	-6.23	CO 10
			min M <sub>y</sub>	-16.99	-3.09	0.01	0.00	<b>0.00</b>	0.53	CO 1
			max M <sub>z</sub>	-119.97	-24.39	0.04	0.00	0.01	<b>2.36</b>	CO 17
			min M <sub>z</sub>	-10.47	16.87	0.10	0.03	0.20	<b>-6.69</b>	CO 8
	451	0.300	Max N	<b>-10.22</b>	4.62	0.03	0.00	0.03	0.43	CO 9
	483	0.000	Min N	<b>-126.30</b>	0.17	0.19	0.00	-0.01	-1.25	CO 17
		0.150	Max V <sub>y</sub>	-10.62	<b>16.87</b>	0.11	0.03	0.19	-4.16	CO 8
		0.200	Min V <sub>y</sub>	-120.07	<b>-24.39</b>	0.04	0.00	0.01	-0.08	CO 17
	483	0.000	Max V <sub>z</sub>	-97.68	-0.17	<b>1.14</b>	0.00	-0.08	0.05	CO 13
	451	0.300	Min V <sub>z</sub>	-16.99	-3.09	<b>0.01</b>	0.00	0.00	0.53	CO 1
		0.150	Max M <sub>T</sub>	-41.94	11.18	0.12	<b>0.03</b>	0.19	-4.55	CO 10
	483	0.000	Min M <sub>T</sub>	-97.68	-0.17	1.14	<b>0.00</b>	-0.08	0.05	CO 13
		0.150	Max M <sub>y</sub>	-97.81	6.82	1.10	0.03	<b>0.27</b>	-5.70	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	483	0.000	Min M <sub>y</sub>	-97.68	-0.17	1.14	0.00	<b>-0.08</b>	0.05	CO 13
	451	0.300	Max M <sub>z</sub>	-119.97	-24.39	0.04	0.00	0.01	<b>2.36</b>	CO 17
	451	0.300	Min M <sub>z</sub>	-10.47	16.87	0.10	0.03	0.20	<b>-6.69</b>	CO 8
2057	489	0.000	max N	<b>-9.92</b>	-9.57	0.77	-0.02	-0.15	-2.95	CO 9
			min N	<b>-67.93</b>	-1.05	0.04	-0.01	-0.02	-10.92	CO 17
			max V <sub>y</sub>	-51.66	<b>0.24</b>	0.03	-0.01	-0.01	-8.03	CO 16
			min V <sub>y</sub>	-26.19	<b>-10.87</b>	0.78	-0.02	-0.16	-5.83	CO 11
			max V <sub>z</sub>	-52.64	-10.21	<b>0.80</b>	-0.02	-0.17	-10.25	CO 13
			min V <sub>z</sub>	-11.15	-4.49	<b>-0.14</b>	-0.06	-0.08	-1.44	CO 8
			max M <sub>T</sub>	-13.88	-0.71	0.01	<b>0.00</b>	0.00	-1.71	CO 1
			min M <sub>T</sub>	-53.89	-5.05	-0.12	<b>-0.07</b>	-0.10	-8.78	CO 12
			max M <sub>y</sub>	-13.88	-0.71	0.01	0.00	<b>0.00</b>	-1.71	CO 1
			min M <sub>y</sub>	-52.64	-10.21	0.80	-0.02	<b>-0.17</b>	-10.25	CO 13
			max M <sub>z</sub>	-11.15	-4.49	-0.14	-0.06	-0.08	<b>-1.44</b>	CO 8
			min M <sub>z</sub>	-65.56	-6.38	0.50	-0.02	-0.11	<b>-11.66</b>	CO 19
		0.150	max N	<b>-9.76</b>	-10.05	0.77	-0.02	-0.03	-1.48	CO 9
			min N	<b>-67.78</b>	-1.07	0.04	-0.01	-0.02	-10.76	CO 17
			max V <sub>y</sub>	-51.50	<b>0.24</b>	0.03	-0.01	-0.01	-8.07	CO 16
			min V <sub>y</sub>	-26.04	<b>-11.35</b>	0.78	-0.02	-0.04	-4.16	CO 11
			max V <sub>z</sub>	-52.48	-10.70	<b>0.80</b>	-0.02	-0.05	-8.69	CO 13
			min V <sub>z</sub>	-10.99	-4.97	<b>-0.14</b>	-0.06	-0.10	-0.73	CO 8
			max M <sub>T</sub>	-13.72	-0.71	0.01	<b>0.00</b>	0.00	-1.61	CO 1
			min M <sub>T</sub>	-53.73	-5.54	-0.12	<b>-0.07</b>	-0.12	-7.98	CO 12
			max M <sub>y</sub>	-13.72	-0.71	0.01	0.00	<b>0.00</b>	-1.61	CO 1
			min M <sub>y</sub>	-53.73	-5.54	-0.12	-0.07	<b>-0.12</b>	-7.98	CO 12
			max M <sub>z</sub>	-10.99	-4.97	-0.14	-0.06	-0.10	<b>-0.73</b>	CO 8
			min M <sub>z</sub>	-67.78	-1.07	0.04	-0.01	-0.02	<b>-10.76</b>	CO 17
			max N	<b>-7.53</b>	-10.05	0.05	-0.02	-0.03	-1.48	CO 9
			min N	<b>-65.54</b>	-1.06	0.00	-0.01	-0.02	-10.74	CO 17
			max V <sub>y</sub>	-49.26	<b>0.24</b>	0.00	-0.01	-0.01	-8.06	CO 16
			min V <sub>y</sub>	-23.80	<b>-11.35</b>	0.05	-0.02	-0.04	-4.16	CO 11
			max V <sub>z</sub>	-8.76	-4.97	<b>0.07</b>	-0.06	-0.10	-0.69	CO 8
			min V <sub>z</sub>	-27.76	-2.00	<b>0.00</b>	0.00	-0.01	-4.29	CO 2
			max M <sub>T</sub>	-11.48	-0.71	0.00	<b>0.00</b>	0.00	-1.60	CO 1
			min M <sub>T</sub>	-51.50	-5.54	0.07	<b>-0.07</b>	-0.12	-7.94	CO 12
			max M <sub>y</sub>	-11.48	-0.71	0.00	0.00	<b>0.00</b>	-1.60	CO 1
			min M <sub>y</sub>	-51.50	-5.54	0.07	-0.07	<b>-0.12</b>	-7.94	CO 12
			max M <sub>z</sub>	-8.76	-4.97	0.07	-0.06	-0.10	<b>-0.69</b>	CO 8
			min M <sub>z</sub>	-65.54	-1.06	0.00	-0.01	-0.02	<b>-10.74</b>	CO 17
	1841	0.300	max N	<b>-7.37</b>	-10.53	0.04	-0.02	-0.03	0.07	CO 9
			min N	<b>-65.38</b>	-1.07	0.00	-0.01	-0.02	-10.58	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-49.11	<b>0.23</b>	0.00	-0.01	-0.01	-8.09	CO 16
			min V <sub>y</sub>	-23.64	<b>-11.83</b>	0.05	-0.02	-0.03	-2.42	CO 11
			max V <sub>z</sub>	-35.06	-4.75	<b>0.07</b>	-0.07	-0.10	-4.56	CO 14
			min V <sub>z</sub>	-27.60	-2.00	<b>0.00</b>	0.00	-0.01	-3.98	CO 2
			max M <sub>T</sub>	-11.33	-0.71	0.00	<b>0.00</b>	0.00	-1.50	CO 1
			min M <sub>T</sub>	-51.34	-6.02	0.07	<b>-0.07</b>	-0.11	-7.07	CO 12
			max M <sub>y</sub>	-11.33	-0.71	0.00	0.00	<b>0.00</b>	-1.50	CO 1
			min M <sub>y</sub>	-51.34	-6.02	0.07	-0.07	<b>-0.11</b>	-7.07	CO 12
			max M <sub>z</sub>	-8.60	-5.45	0.07	-0.06	-0.09	<b>0.09</b>	CO 8
			min M <sub>z</sub>	-65.38	-1.07	0.00	-0.01	-0.02	<b>-10.58</b>	CO 17
	1841	0.300	Max N	<b>-7.37</b>	-10.53	0.04	-0.02	-0.03	0.07	CO 9
	489	0.000	Min N	<b>-67.93</b>	-1.05	0.04	-0.01	-0.02	-10.92	CO 17
	489	0.000	Max V <sub>y</sub>	-51.66	<b>0.24</b>	0.03	-0.01	-0.01	-8.03	CO 16
	1841	0.300	Min V <sub>y</sub>	-23.64	<b>-11.83</b>	0.05	-0.02	-0.03	-2.42	CO 11
	489	0.000	Max V <sub>z</sub>	-52.64	-10.21	<b>0.80</b>	-0.02	-0.17	-10.25	CO 13
		0.150	Min V <sub>z</sub>	-10.99	-4.97	<b>-0.14</b>	-0.06	-0.10	-0.73	CO 8
	1841	0.300	Max M <sub>T</sub>	-11.33	-0.71	0.00	<b>0.00</b>	0.00	-1.50	CO 1
	1841	0.300	Min M <sub>T</sub>	-51.34	-6.02	0.07	<b>-0.07</b>	-0.11	-7.07	CO 12
		0.150	Max M <sub>y</sub>	-13.72	-0.71	0.01	0.00	<b>0.00</b>	-1.61	CO 1
	489	0.000	Min M <sub>y</sub>	-52.64	-10.21	0.80	-0.02	<b>-0.17</b>	-10.25	CO 13
	1841	0.300	Max M <sub>z</sub>	-8.60	-5.45	0.07	-0.06	-0.09	<b>0.09</b>	CO 8
	489	0.000	Min M <sub>z</sub>	-65.56	-6.38	0.50	-0.02	-0.11	<b>-11.66</b>	CO 19
2058	492	0.000	max N	<b>-6.38</b>	6.22	-0.60	0.03	-0.13	-3.53	CO 8
			min N	<b>-126.30</b>	-0.11	0.17	0.00	-0.01	1.19	CO 17
			max V <sub>y</sub>	-37.84	<b>6.25</b>	-0.56	0.03	-0.13	-3.25	CO 10
			min V <sub>y</sub>	-126.30	<b>-0.11</b>	0.17	0.00	-0.01	1.19	CO 17
			max V <sub>z</sub>	-97.72	-0.01	<b>1.09</b>	0.00	-0.07	0.05	CO 13
			min V <sub>z</sub>	-6.38	6.22	<b>-0.60</b>	0.03	-0.13	-3.53	CO 8
			max M <sub>T</sub>	-37.84	6.25	-0.56	<b>0.03</b>	-0.13	-3.25	CO 10
			min M <sub>T</sub>	-94.83	-0.10	0.12	<b>0.00</b>	-0.01	0.89	CO 16
			max M <sub>y</sub>	-22.72	0.04	0.02	0.00	<b>0.00</b>	-0.09	CO 1
			min M <sub>y</sub>	-6.38	6.22	-0.60	0.03	<b>-0.13</b>	-3.53	CO 8
			max M <sub>z</sub>	-126.30	-0.11	0.17	0.00	-0.01	<b>1.19</b>	CO 17
			min M <sub>z</sub>	-6.38	6.22	-0.60	0.03	-0.13	<b>-3.53</b>	CO 8
		0.150	max N	<b>-6.23</b>	6.22	-0.60	0.03	-0.22	-4.47	CO 8
			min N	<b>-126.14</b>	-0.11	0.17	0.00	0.01	1.21	CO 17
			max V <sub>y</sub>	-37.69	<b>6.24</b>	-0.56	0.03	-0.22	-4.19	CO 10
			min V <sub>y</sub>	-126.14	<b>-0.11</b>	0.17	0.00	0.01	1.21	CO 17
			max V <sub>z</sub>	-97.57	-0.01	<b>1.08</b>	0.00	0.10	0.05	CO 13
			min V <sub>z</sub>	-6.23	6.22	<b>-0.60</b>	0.03	-0.22	-4.47	CO 8
			max M <sub>T</sub>	-37.69	6.24	-0.56	<b>0.03</b>	-0.22	-4.19	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-94.68	-0.10	0.12	<b>0.00</b>	0.01	0.91	CO 16
			max M <sub>y</sub>	-97.57	-0.01	1.08	0.00	<b>0.10</b>	0.05	CO 13
			min M <sub>y</sub>	-6.23	6.22	-0.60	0.03	<b>-0.22</b>	-4.47	CO 8
			max M <sub>z</sub>	-126.14	-0.11	0.17	0.00	0.01	<b>1.21</b>	CO 17
			min M <sub>z</sub>	-6.23	6.22	-0.60	0.03	-0.22	<b>-4.47</b>	CO 8
			max N	<b>-1.19</b>	11.31	-0.08	0.03	-0.16	-4.06	CO 8
			min N	<b>-121.49</b>	24.59	0.05	0.00	0.00	1.25	CO 17
			max V <sub>y</sub>	-111.79	<b>29.61</b>	-0.01	0.02	-0.09	-1.19	CO 18
			min V <sub>y</sub>	-10.14	<b>-4.93</b>	0.03	0.01	0.03	-0.96	CO 9
			max V <sub>z</sub>	-92.55	11.82	<b>0.09</b>	0.01	0.02	0.07	CO 13
			min V <sub>z</sub>	-1.19	11.31	<b>-0.08</b>	0.03	-0.16	-4.06	CO 8
			max M <sub>T</sub>	-32.81	17.25	-0.07	<b>0.03</b>	-0.16	-3.77	CO 10
			min M <sub>T</sub>	-89.86	18.72	0.04	<b>0.00</b>	0.00	0.93	CO 16
			max M <sub>y</sub>	-10.14	-4.93	0.03	0.01	<b>0.03</b>	-0.96	CO 9
			min M <sub>y</sub>	-1.19	11.31	-0.08	0.03	<b>-0.16</b>	-4.06	CO 8
			max M <sub>z</sub>	-121.49	24.59	0.05	0.00	0.00	<b>1.25</b>	CO 17
			min M <sub>z</sub>	-1.19	11.31	-0.08	0.03	-0.16	<b>-4.06</b>	CO 8
	1610	0.300	max N	<b>-1.04</b>	11.31	-0.08	0.03	-0.18	-5.76	CO 8
			min N	<b>-121.33</b>	24.59	0.05	0.00	0.01	-2.44	CO 17
			max V <sub>y</sub>	-111.63	<b>29.60</b>	-0.01	0.02	-0.09	-5.64	CO 18
			min V <sub>y</sub>	-9.99	<b>-4.93</b>	0.03	0.01	0.03	-0.23	CO 9
			max V <sub>z</sub>	-92.40	11.82	<b>0.09</b>	0.01	0.04	-1.70	CO 13
			min V <sub>z</sub>	-1.04	11.31	<b>-0.08</b>	0.03	-0.18	-5.76	CO 8
			max M <sub>T</sub>	-32.65	17.25	-0.07	<b>0.03</b>	-0.17	-6.36	CO 10
			min M <sub>T</sub>	-89.70	18.71	0.04	<b>0.00</b>	0.01	-1.87	CO 16
			max M <sub>y</sub>	-92.40	11.82	0.09	0.01	<b>0.04</b>	-1.70	CO 13
			min M <sub>y</sub>	-1.04	11.31	-0.08	0.03	<b>-0.18</b>	-5.76	CO 8
			max M <sub>z</sub>	-9.99	-4.93	0.03	0.01	0.03	<b>-0.23</b>	CO 9
			min M <sub>z</sub>	-83.41	28.23	-0.06	0.03	-0.16	<b>-7.34</b>	CO 12
	1610	0.300	Max N	<b>-1.04</b>	11.31	-0.08	0.03	-0.18	-5.76	CO 8
	492	0.000	Min N	<b>-126.30</b>	-0.11	0.17	0.00	-0.01	1.19	CO 17
		0.150	Max V <sub>y</sub>	-111.79	<b>29.61</b>	-0.01	0.02	-0.09	-1.19	CO 18
	1610	0.300	Min V <sub>y</sub>	-9.99	<b>-4.93</b>	0.03	0.01	0.03	-0.23	CO 9
	492	0.000	Max V <sub>z</sub>	-97.72	-0.01	<b>1.09</b>	0.00	-0.07	0.05	CO 13
		0.150	Min V <sub>z</sub>	-6.23	6.22	<b>-0.60</b>	0.03	-0.22	-4.47	CO 8
		0.150	Max M <sub>T</sub>	-37.69	6.24	-0.56	<b>0.03</b>	-0.22	-4.19	CO 10
	492	0.000	Min M <sub>T</sub>	-94.83	-0.10	0.12	<b>0.00</b>	-0.01	0.89	CO 16
		0.150	Max M <sub>y</sub>	-97.57	-0.01	1.08	0.00	<b>0.10</b>	0.05	CO 13
		0.150	Min M <sub>y</sub>	-6.23	6.22	-0.60	0.03	<b>-0.22</b>	-4.47	CO 8
		0.150	Max M <sub>z</sub>	-121.49	24.59	0.05	0.00	0.00	<b>1.25</b>	CO 17
	1610	0.300	Min M <sub>z</sub>	-83.41	28.23	-0.06	0.03	-0.16	<b>-7.34</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
2059	493	0.000	max N	<b>1.39</b>	-9.28	0.26	-0.05	0.02	-4.50	CO 8
			min N	<b>-67.11</b>	0.85	0.03	0.01	-0.02	10.81	CO 17
			max V <sub>y</sub>	-26.00	<b>11.05</b>	0.60	0.02	-0.13	5.82	CO 11
			min V <sub>y</sub>	-25.01	<b>-9.92</b>	0.27	-0.05	0.01	-0.10	CO 14
			max V <sub>z</sub>	-52.40	10.40	<b>0.61</b>	0.03	-0.14	10.24	CO 13
			min V <sub>z</sub>	-13.05	0.63	<b>0.01</b>	0.00	0.00	1.68	CO 1
			max M <sub>T</sub>	-52.40	10.40	0.61	<b>0.03</b>	-0.14	10.24	CO 13
			min M <sub>T</sub>	1.39	-9.28	0.26	<b>-0.05</b>	0.02	-4.50	CO 8
			max M <sub>y</sub>	1.39	-9.28	0.26	-0.05	<b>0.02</b>	-4.50	CO 8
			min M <sub>y</sub>	-52.40	10.40	0.61	0.03	<b>-0.14</b>	10.24	CO 13
			max M <sub>z</sub>	-65.08	6.42	0.38	0.02	-0.09	<b>11.61</b>	CO 19
			min M <sub>z</sub>	1.39	-9.28	0.26	-0.05	0.02	<b>-4.50</b>	CO 8
		0.150	max N	<b>1.54</b>	-10.05	0.26	-0.05	0.06	-3.05	CO 8
			min N	<b>-66.96</b>	0.87	0.03	0.01	-0.01	10.68	CO 17
			max V <sub>y</sub>	-25.84	<b>11.53</b>	0.60	0.02	-0.04	4.12	CO 11
			min V <sub>y</sub>	-24.86	<b>-10.69</b>	0.27	-0.04	0.05	1.45	CO 14
			max V <sub>z</sub>	-52.25	10.89	<b>0.61</b>	0.03	-0.05	8.65	CO 13
			min V <sub>z</sub>	-12.90	0.63	<b>0.01</b>	0.00	0.00	1.58	CO 1
			max M <sub>T</sub>	-52.25	10.89	0.61	<b>0.03</b>	-0.05	8.65	CO 13
			min M <sub>T</sub>	1.54	-10.05	0.26	<b>-0.05</b>	0.06	-3.05	CO 8
			max M <sub>y</sub>	1.54	-10.05	0.26	-0.05	<b>0.06</b>	-3.05	CO 8
			min M <sub>y</sub>	-52.25	10.89	0.61	0.03	<b>-0.05</b>	8.65	CO 13
			max M <sub>z</sub>	-66.96	0.87	0.03	0.01	-0.01	<b>10.68</b>	CO 17
			min M <sub>z</sub>	1.54	-10.05	0.26	-0.05	0.06	<b>-3.05</b>	CO 8
			max N	<b>3.78</b>	-10.05	0.00	-0.05	0.06	-3.02	CO 8
			min N	<b>-64.72</b>	0.86	-0.01	0.01	-0.01	10.67	CO 17
			max V <sub>y</sub>	-23.60	<b>11.53</b>	0.03	0.02	-0.04	4.11	CO 11
			min V <sub>y</sub>	-22.62	<b>-10.69</b>	0.00	-0.04	0.05	1.47	CO 14
			max V <sub>z</sub>	-50.01	10.89	<b>0.03</b>	0.03	-0.05	8.63	CO 13
			min V <sub>z</sub>	-64.72	0.86	<b>-0.01</b>	0.01	-0.01	10.67	CO 17
			max M <sub>T</sub>	-50.01	10.89	0.03	<b>0.03</b>	-0.05	8.63	CO 13
			min M <sub>T</sub>	3.78	-10.05	0.00	<b>-0.05</b>	0.06	-3.02	CO 8
			max M <sub>y</sub>	3.78	-10.05	0.00	-0.05	<b>0.06</b>	-3.02	CO 8
			min M <sub>y</sub>	-50.01	10.89	0.03	0.03	<b>-0.05</b>	8.63	CO 13
			max M <sub>z</sub>	-64.72	0.86	-0.01	0.01	-0.01	<b>10.67</b>	CO 17
			min M <sub>z</sub>	3.78	-10.05	0.00	-0.05	0.06	<b>-3.02</b>	CO 8
	1647	0.300	max N	<b>3.93</b>	-10.82	0.00	-0.05	0.06	-1.46	CO 8
			min N	<b>-64.56</b>	0.87	-0.01	0.01	-0.01	10.54	CO 17
			max V <sub>y</sub>	-23.45	<b>12.01</b>	0.03	0.02	-0.04	2.35	CO 11
			min V <sub>y</sub>	-22.47	<b>-11.47</b>	0.00	-0.04	0.05	3.13	CO 14
			max V <sub>z</sub>	-49.85	11.37	<b>0.03</b>	0.03	-0.04	6.96	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-64.56	0.87	<b>-0.01</b>	0.01	-0.01	10.54	CO 17
			max M <sub>T</sub>	-49.85	11.37	0.03	<b>0.03</b>	-0.04	6.96	CO 13
			min M <sub>T</sub>	3.93	-10.82	0.00	<b>-0.05</b>	0.06	-1.46	CO 8
			max M <sub>y</sub>	3.93	-10.82	0.00	-0.05	<b>0.06</b>	-1.46	CO 8
			min M <sub>y</sub>	-49.85	11.37	0.03	0.03	<b>-0.04</b>	6.96	CO 13
			max M <sub>z</sub>	-64.56	0.87	-0.01	0.01	-0.01	<b>10.54</b>	CO 17
			min M <sub>z</sub>	3.93	-10.82	0.00	-0.05	0.06	<b>-1.46</b>	CO 8
	1647	0.300	Max N	<b>3.93</b>	-10.82	0.00	-0.05	0.06	-1.46	CO 8
	493	0.000	Min N	<b>-67.11</b>	0.85	0.03	0.01	-0.02	10.81	CO 17
	1647	0.300	Max V <sub>y</sub>	-23.45	<b>12.01</b>	0.03	0.02	-0.04	2.35	CO 11
	1647	0.300	Min V <sub>y</sub>	-22.47	<b>-11.47</b>	0.00	-0.04	0.05	3.13	CO 14
	493	0.000	Max V <sub>z</sub>	-52.40	10.40	<b>0.61</b>	0.03	-0.14	10.24	CO 13
	1647	0.300	Min V <sub>z</sub>	-64.56	0.87	<b>-0.01</b>	0.01	-0.01	10.54	CO 17
	493	0.000	Max M <sub>T</sub>	-52.40	10.40	0.61	<b>0.03</b>	-0.14	10.24	CO 13
	493	0.000	Min M <sub>T</sub>	1.39	-9.28	0.26	<b>-0.05</b>	0.02	-4.50	CO 8
	1647	0.300	Max M <sub>y</sub>	3.93	-10.82	0.00	-0.05	<b>0.06</b>	-1.46	CO 8
	493	0.000	Min M <sub>y</sub>	-52.40	10.40	0.61	0.03	<b>-0.14</b>	10.24	CO 13
	493	0.000	Max M <sub>z</sub>	-65.08	6.42	0.38	0.02	-0.09	<b>11.61</b>	CO 19
	493	0.000	Min M <sub>z</sub>	1.39	-9.28	0.26	-0.05	0.02	<b>-4.50</b>	CO 8
2060	1847	0.000	max N	<b>9.78</b>	0.01	0.69	0.08	0.00	0.00	CO 8
			min N	<b>-63.88</b>	0.00	15.22	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-40.90	<b>0.03</b>	11.37	0.03	0.00	0.00	CO 13
			min V <sub>y</sub>	-63.88	<b>0.00</b>	15.22	0.01	0.00	0.00	CO 17
			max V <sub>z</sub>	-63.88	0.00	<b>15.22</b>	0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	9.78	0.01	<b>0.69</b>	0.08	0.00	0.00	CO 8
			max M <sub>T</sub>	-32.64	0.01	11.34	<b>0.09</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-9.87	0.00	1.72	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-9.87	0.00	1.72	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-32.64	0.01	11.34	0.09	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-9.87	0.00	1.72	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-32.64	0.01	11.34	0.09	0.00	<b>0.00</b>	CO 12
		1.817	max N	<b>9.83</b>	0.01	-1.13	0.08	-0.40	-0.02	CO 8
			min N	<b>-62.93</b>	-0.01	-21.74	0.01	-5.99	0.01	CO 17
			max V <sub>y</sub>	1.64	<b>0.02</b>	-1.12	0.02	-0.37	-0.04	CO 9
			min V <sub>y</sub>	-62.93	<b>-0.01</b>	-21.74	0.01	-5.99	0.01	CO 17
			max V <sub>z</sub>	1.64	0.02	<b>-1.12</b>	0.02	-0.37	-0.04	CO 9
			min V <sub>z</sub>	-62.93	-0.01	<b>-21.74</b>	0.01	-5.99	0.01	CO 17
			max M <sub>T</sub>	-31.91	0.01	-16.35	<b>0.09</b>	-4.58	-0.02	CO 12
			min M <sub>T</sub>	-9.76	0.00	-2.47	<b>0.00</b>	-0.69	0.00	CO 1
			max M <sub>y</sub>	1.64	0.02	-1.12	0.02	<b>-0.37</b>	-0.04	CO 9
			min M <sub>y</sub>	-62.93	-0.01	-21.74	0.01	<b>-5.99</b>	0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-62.93	-0.01	-21.74	0.01	-5.99	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-24.86	0.02	-10.47	0.03	-2.93	<b>-0.04</b>	CO 15
			max N	<b>-1.60</b>	0.01	3.30	0.07	-0.67	0.00	CO 8
			min N	<b>-126.60</b>	-0.01	26.15	0.01	-5.83	0.01	CO 17
			max V <sub>y</sub>	-4.49	<b>0.05</b>	3.14	0.01	-0.51	-0.03	CO 9
			min V <sub>y</sub>	-126.60	<b>-0.01</b>	26.15	0.01	-5.83	0.01	CO 17
			max V <sub>z</sub>	-126.60	-0.01	<b>26.15</b>	0.01	-5.83	0.01	CO 17
			min V <sub>z</sub>	-4.49	0.05	<b>3.14</b>	0.01	-0.51	-0.03	CO 9
			max M <sub>T</sub>	-85.51	0.01	20.51	<b>0.07</b>	-4.63	0.01	CO 12
			min M <sub>T</sub>	-20.04	-0.01	4.34	<b>0.00</b>	-0.81	0.00	CO 1
			max M <sub>y</sub>	-4.49	0.05	3.14	0.01	<b>-0.51</b>	-0.03	CO 9
			min M <sub>y</sub>	-126.60	-0.01	26.15	0.01	<b>-5.83</b>	0.01	CO 17
			max M <sub>z</sub>	-115.51	0.00	25.52	0.05	-5.75	<b>0.01</b>	CO 18
			min M <sub>z</sub>	-4.49	0.05	3.14	0.01	-0.51	<b>-0.03</b>	CO 9
		2.067	max N	<b>-1.59</b>	0.01	3.05	0.07	0.12	0.00	CO 8
			min N	<b>-126.46</b>	-0.01	21.16	0.01	0.08	0.02	CO 17
			max V <sub>y</sub>	-4.48	<b>0.05</b>	2.89	0.01	0.24	-0.05	CO 9
			min V <sub>y</sub>	-126.46	<b>-0.01</b>	21.16	0.01	0.08	0.02	CO 17
			max V <sub>z</sub>	-126.46	-0.01	<b>21.16</b>	0.01	0.08	0.02	CO 17
			min V <sub>z</sub>	-4.48	0.05	<b>2.89</b>	0.01	0.24	-0.05	CO 9
			max M <sub>T</sub>	-85.40	0.01	16.74	<b>0.07</b>	0.03	0.01	CO 12
			min M <sub>T</sub>	-20.02	-0.01	3.76	<b>0.00</b>	0.20	0.01	CO 1
			max M <sub>y</sub>	-4.48	0.05	2.89	0.01	<b>0.24</b>	-0.05	CO 9
			min M <sub>y</sub>	-85.40	0.01	16.74	0.07	<b>0.03</b>	0.01	CO 12
			max M <sub>z</sub>	-126.46	-0.01	21.16	0.01	0.08	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-4.48	0.05	2.89	0.01	0.24	<b>-0.05</b>	CO 9
			max N	<b>-1.53</b>	0.26	0.80	0.07	0.10	0.00	CO 8
			min N	<b>-126.24</b>	0.06	13.45	0.01	0.06	0.02	CO 17
			max V <sub>y</sub>	-85.21	<b>0.31</b>	10.20	0.07	0.00	0.01	CO 12
			min V <sub>y</sub>	-4.42	<b>-0.01</b>	0.64	0.01	0.23	-0.05	CO 9
			max V <sub>z</sub>	-126.24	0.06	<b>13.45</b>	0.01	0.06	0.02	CO 17
			min V <sub>z</sub>	-4.42	-0.01	<b>0.64</b>	0.01	0.23	-0.05	CO 9
			max M <sub>T</sub>	-85.21	0.31	10.20	<b>0.07</b>	0.00	0.01	CO 12
			min M <sub>T</sub>	-19.96	0.01	1.52	<b>0.00</b>	0.19	0.01	CO 1
			max M <sub>y</sub>	-4.42	-0.01	0.64	0.01	<b>0.23</b>	-0.05	CO 9
			min M <sub>y</sub>	-85.21	0.31	10.20	0.07	<b>0.00</b>	0.01	CO 12
			max M <sub>z</sub>	-126.24	0.06	13.45	0.01	0.06	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-4.42	-0.01	0.64	0.01	0.23	<b>-0.05</b>	CO 9
		3.385	max N	<b>-1.49</b>	0.26	-0.52	0.07	0.29	-0.35	CO 8
			min N	<b>-125.50</b>	0.05	-13.53	0.01	0.01	-0.06	CO 17
			max V <sub>y</sub>	-84.66	<b>0.29</b>	-9.98	0.08	0.15	-0.39	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-4.38	<b>-0.01</b>	-0.69	0.01	0.20	-0.04	CO 9
			max V <sub>z</sub>	-1.49	0.26	<b>-0.52</b>	0.07	0.29	-0.35	CO 8
			min V <sub>z</sub>	-125.50	0.05	<b>-13.53</b>	0.01	0.01	-0.06	CO 17
			max M <sub>T</sub>	-84.66	0.29	-9.98	<b>0.08</b>	0.15	-0.39	CO 12
			min M <sub>T</sub>	-19.88	0.01	-1.53	<b>0.00</b>	0.19	-0.01	CO 1
			max M <sub>y</sub>	-1.49	0.26	-0.52	0.07	<b>0.29</b>	-0.35	CO 8
			min M <sub>y</sub>	-125.50	0.05	-13.53	0.01	<b>0.01</b>	-0.06	CO 17
			max M <sub>z</sub>	-19.88	0.01	-1.53	0.00	0.19	<b>-0.01</b>	CO 1
			min M <sub>z</sub>	-84.66	0.29	-9.98	0.08	0.15	<b>-0.39</b>	CO 12
			max N	<b>-1.43</b>	-0.23	-2.77	0.07	0.28	-0.35	CO 8
			min N	<b>-125.29</b>	-0.05	-21.23	0.01	0.01	-0.06	CO 17
			max V <sub>y</sub>	-19.82	<b>-0.01</b>	-3.77	0.00	0.18	-0.01	CO 1
			min V <sub>y</sub>	-84.49	<b>-0.27</b>	-16.51	0.08	0.14	-0.39	CO 12
			max V <sub>z</sub>	-1.43	-0.23	<b>-2.77</b>	0.07	0.28	-0.35	CO 8
			min V <sub>z</sub>	-125.29	-0.05	<b>-21.23</b>	0.01	0.01	-0.06	CO 17
			max M <sub>T</sub>	-84.49	-0.27	-16.51	<b>0.08</b>	0.14	-0.39	CO 12
			min M <sub>T</sub>	-19.82	-0.01	-3.77	<b>0.00</b>	0.18	-0.01	CO 1
			max M <sub>y</sub>	-1.43	-0.23	-2.77	0.07	<b>0.28</b>	-0.35	CO 8
			min M <sub>y</sub>	-125.29	-0.05	-21.23	0.01	<b>0.01</b>	-0.06	CO 17
			max M <sub>z</sub>	-19.82	-0.01	-3.77	0.00	0.18	<b>-0.01</b>	CO 1
			min M <sub>z</sub>	-84.49	-0.27	-16.51	0.08	0.14	<b>-0.39</b>	CO 12
		3.635	max N	<b>-1.42</b>	-0.23	-3.02	0.07	-0.44	-0.29	CO 8
			min N	<b>-125.16</b>	-0.05	-26.22	0.01	-5.93	-0.05	CO 17
			max V <sub>y</sub>	-19.80	<b>-0.01</b>	-4.35	0.00	-0.83	-0.01	CO 1
			min V <sub>y</sub>	-84.38	<b>-0.27</b>	-20.28	0.07	-4.45	-0.33	CO 12
			max V <sub>z</sub>	-1.42	-0.23	<b>-3.02</b>	0.07	-0.44	-0.29	CO 8
			min V <sub>z</sub>	-125.16	-0.05	<b>-26.22</b>	0.01	-5.93	-0.05	CO 17
			max M <sub>T</sub>	-84.38	-0.27	-20.28	<b>0.07</b>	-4.45	-0.33	CO 12
			min M <sub>T</sub>	-19.80	-0.01	-4.35	<b>0.00</b>	-0.83	-0.01	CO 1
			max M <sub>y</sub>	-1.42	-0.23	-3.02	0.07	<b>-0.44</b>	-0.29	CO 8
			min M <sub>y</sub>	-125.16	-0.05	-26.22	0.01	<b>-5.93</b>	-0.05	CO 17
			max M <sub>z</sub>	-19.80	-0.01	-4.35	0.00	-0.83	<b>-0.01</b>	CO 1
			min M <sub>z</sub>	-84.38	-0.27	-20.28	0.07	-4.45	<b>-0.33</b>	CO 12
			max N	<b>3.52</b>	-0.02	1.12	0.02	-0.37	-0.03	CO 9
			min N	<b>-58.45</b>	-0.02	21.74	0.01	-6.01	-0.05	CO 17
			max V <sub>y</sub>	-8.88	<b>0.00</b>	2.47	0.00	-0.69	-0.01	CO 1
			min V <sub>y</sub>	-37.53	<b>-0.20</b>	16.34	0.07	-4.57	-0.38	CO 12
			max V <sub>z</sub>	-58.45	-0.02	<b>21.74</b>	0.01	-6.01	-0.05	CO 17
			min V <sub>z</sub>	3.52	-0.02	<b>1.12</b>	0.02	-0.37	-0.03	CO 9
			max M <sub>T</sub>	1.39	-0.19	1.12	<b>0.07</b>	-0.38	-0.34	CO 8
			min M <sub>T</sub>	-8.88	0.00	2.47	<b>0.00</b>	-0.69	-0.01	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	3.52	-0.02	1.12	0.02	<b>-0.37</b>	-0.03	CO 9
			min M <sub>y</sub>	-58.45	-0.02	21.74	0.01	<b>-6.01</b>	-0.05	CO 17
			max M <sub>z</sub>	-8.88	0.00	2.47	0.00	-0.69	<b>-0.01</b>	CO 1
			min M <sub>z</sub>	-37.53	-0.20	16.34	0.07	-4.57	<b>-0.38</b>	CO 12
	1848	5.452	max N	<b>3.57</b>	-0.02	-0.71	0.02	0.00	0.00	CO 9
			min N	<b>-57.36</b>	-0.03	-15.20	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-8.76	<b>0.00</b>	-1.72	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	-36.73	<b>-0.22</b>	-11.35	0.07	0.00	0.00	CO 12
			max V <sub>z</sub>	1.44	-0.19	<b>-0.71</b>	0.07	0.00	0.00	CO 8
			min V <sub>z</sub>	-57.36	-0.03	<b>-15.20</b>	0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-12.19	-0.20	-4.79	<b>0.07</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	-8.76	0.00	-1.72	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-8.76	0.00	-1.72	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-36.73	-0.22	-11.35	0.07	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-36.73	-0.22	-11.35	0.07	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-8.76	0.00	-1.72	0.00	0.00	<b>0.00</b>	CO 1
		1.817	Max N	<b>9.83</b>	0.01	-1.13	0.08	-0.40	-0.02	CO 8
		1.817	Min N	<b>-126.60</b>	-0.01	26.15	0.01	-5.83	0.01	CO 17
		2.067	Max V <sub>y</sub>	-85.21	<b>0.31</b>	10.20	0.07	0.00	0.01	CO 12
		3.635	Min V <sub>y</sub>	-84.38	<b>-0.27</b>	-20.28	0.07	-4.45	-0.33	CO 12
		1.817	Max V <sub>z</sub>	-126.60	-0.01	<b>26.15</b>	0.01	-5.83	0.01	CO 17
		3.635	Min V <sub>z</sub>	-125.16	-0.05	<b>-26.22</b>	0.01	-5.93	-0.05	CO 17
		0.682	Max M <sub>T</sub>	-32.38	0.01	0.95	<b>0.09</b>	4.19	-0.01	CO 12
		3.635	Min M <sub>T</sub>	-8.88	0.00	2.47	<b>0.00</b>	-0.69	-0.01	CO 1
		4.673	Max M <sub>y</sub>	-57.85	-0.03	0.67	0.01	<b>5.67</b>	-0.02	CO 17
		3.635	Min M <sub>y</sub>	-58.45	-0.02	21.74	0.01	<b>-6.01</b>	-0.05	CO 17
		2.067	Max M <sub>z</sub>	-126.24	0.06	13.45	0.01	0.06	<b>0.02</b>	CO 17
		3.385	Min M <sub>z</sub>	-84.66	0.29	-9.98	0.08	0.15	<b>-0.39</b>	CO 12
2061	1846	0.000	max N	<b>1.99</b>	0.00	0.76	0.00	0.00	0.00	CO 9
			min N	<b>-27.79</b>	0.00	15.21	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-21.53	<b>0.05</b>	11.43	-0.12	0.00	0.00	CO 12
			min V <sub>y</sub>	-3.37	<b>0.00</b>	1.74	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-27.79	0.00	<b>15.21</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	1.99	0.00	<b>0.76</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-17.22	0.01	11.40	<b>0.00</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	-21.53	0.05	11.43	<b>-0.12</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	1.99	0.00	0.76	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-21.53	0.05	11.43	-0.12	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-21.53	0.05	11.43	-0.12	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-24.59	0.01	14.62	0.00	0.00	<b>0.00</b>	CO 19
		1.817	max N	<b>2.04</b>	0.00	-1.07	0.00	-0.28	-0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-26.83</b>	0.00	-21.65	0.00	-5.87	0.00	CO 17
			max V <sub>y</sub>	-9.04	<b>0.05</b>	-6.88	-0.12	-1.83	-0.08	CO 10
			min V <sub>y</sub>	-20.12	<b>0.00</b>	-15.80	0.00	-4.27	0.00	CO 16
			max V <sub>z</sub>	-2.34	0.05	<b>-1.05</b>	-0.12	-0.24	-0.08	CO 8
			min V <sub>z</sub>	-26.83	0.00	<b>-21.65</b>	0.00	-5.87	0.00	CO 17
			max M <sub>T</sub>	-16.49	0.00	-16.25	<b>0.00</b>	-4.42	-0.01	CO 13
			min M <sub>T</sub>	-9.04	0.05	-6.88	<b>-0.12</b>	-1.83	-0.08	CO 10
			max M <sub>y</sub>	-2.34	0.05	-1.05	-0.12	<b>-0.24</b>	-0.08	CO 8
			min M <sub>y</sub>	-26.83	0.00	-21.65	0.00	<b>-5.87</b>	0.00	CO 17
			max M <sub>z</sub>	-3.25	0.00	-2.45	0.00	-0.64	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-20.80	0.05	-16.23	-0.12	-4.38	<b>-0.09</b>	CO 12
			max N	<b>-1.75</b>	0.00	0.91	0.00	-0.24	-0.01	CO 9
			min N	<b>-80.71</b>	-0.04	17.79	-0.04	-4.83	-0.04	CO 18
			max V <sub>y</sub>	-56.96	<b>0.01</b>	13.82	0.00	-3.73	-0.01	CO 13
			min V <sub>y</sub>	-31.88	<b>-0.07</b>	6.02	-0.07	-1.67	-0.07	CO 10
			max V <sub>z</sub>	-80.36	0.00	<b>18.42</b>	0.00	-4.96	0.00	CO 17
			min V <sub>z</sub>	-1.75	0.00	<b>0.91</b>	0.00	-0.24	-0.01	CO 9
			max M <sub>T</sub>	-59.54	0.00	13.44	<b>0.00</b>	-3.61	0.00	CO 16
			min M <sub>T</sub>	-31.88	-0.07	6.02	<b>-0.07</b>	-1.67	-0.07	CO 10
			max M <sub>y</sub>	-1.75	0.00	0.91	0.00	<b>-0.24</b>	-0.01	CO 9
			min M <sub>y</sub>	-80.36	0.00	18.42	0.00	<b>-4.96</b>	0.00	CO 17
			max M <sub>z</sub>	-10.46	0.00	2.09	0.00	-0.54	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-66.23	-0.07	13.97	-0.06	-3.82	<b>-0.07</b>	CO 12
		3.635	max N	<b>-1.70</b>	0.00	-0.92	0.00	-0.25	-0.01	CO 9
			min N	<b>-79.73</b>	-0.05	-17.62	-0.04	-4.68	0.04	CO 18
			max V <sub>y</sub>	-1.70	<b>0.00</b>	-0.92	0.00	-0.25	-0.01	CO 9
			min V <sub>y</sub>	-65.47	<b>-0.08</b>	-13.68	-0.07	-3.56	0.07	CO 12
			max V <sub>z</sub>	-10.97	-0.07	<b>-0.77</b>	-0.07	-0.07	0.07	CO 8
			min V <sub>z</sub>	-79.34	0.00	<b>-18.42</b>	0.00	-4.96	0.00	CO 17
			max M <sub>T</sub>	-53.61	0.00	-12.74	<b>0.00</b>	-3.43	-0.01	CO 21
			min M <sub>T</sub>	-31.55	-0.07	-5.73	<b>-0.07</b>	-1.41	0.07	CO 10
			max M <sub>y</sub>	-10.97	-0.07	-0.77	-0.07	<b>-0.07</b>	0.07	CO 8
			min M <sub>y</sub>	-79.34	0.00	-18.42	0.00	<b>-4.96</b>	0.00	CO 17
			max M <sub>z</sub>	-65.47	-0.08	-13.68	-0.07	-3.56	<b>0.07</b>	CO 12
			min M <sub>z</sub>	-56.19	-0.01	-13.83	0.00	-3.74	<b>-0.01</b>	CO 13
			max N	<b>2.28</b>	-0.01	1.07	0.00	-0.28	-0.01	CO 9
			min N	<b>-31.19</b>	0.03	20.80	-0.07	-5.63	0.05	CO 18
			max V <sub>y</sub>	-29.85	<b>0.04</b>	16.23	-0.12	-4.36	0.08	CO 12
			min V <sub>y</sub>	2.28	<b>-0.01</b>	1.07	0.00	-0.28	-0.01	CO 9
			max V <sub>z</sub>	-25.85	0.00	<b>21.65</b>	0.00	-5.88	0.00	CO 17
			min V <sub>z</sub>	-11.92	0.04	<b>1.03</b>	-0.11	-0.22	0.08	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	2.28	-0.01	1.07	<b>0.00</b>	-0.28	-0.01	CO 9
			min M <sub>T</sub>	-29.85	0.04	16.23	<b>-0.12</b>	-4.36	0.08	CO 12
			max M <sub>y</sub>	-11.92	0.04	1.03	-0.11	<b>-0.22</b>	0.08	CO 8
			min M <sub>y</sub>	-25.85	0.00	21.65	0.00	<b>-5.88</b>	0.00	CO 17
			max M <sub>z</sub>	-29.85	0.04	16.23	-0.12	-4.36	<b>0.08</b>	CO 12
			min M <sub>z</sub>	-15.59	0.00	16.25	0.00	-4.42	<b>-0.02</b>	CO 13
	1849	5.452	max N	<b>2.33</b>	-0.01	-0.76	0.00	0.00	0.00	CO 9
			min N	<b>-30.16</b>	0.03	-14.64	-0.07	0.00	0.00	CO 18
			max V <sub>y</sub>	-29.06	<b>0.05</b>	-11.45	-0.12	0.00	0.00	CO 12
			min V <sub>y</sub>	-14.79	<b>-0.01</b>	-11.40	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	2.33	-0.01	<b>-0.76</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-24.78	0.00	<b>-15.20</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	2.33	-0.01	-0.76	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-29.06	0.05	-11.45	<b>-0.12</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-3.01	0.00	-1.74	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-29.06	0.05	-11.45	-0.12	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-8.59	-0.01	-7.30	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	-29.06	0.05	-11.45	-0.12	0.00	<b>0.00</b>	CO 12
	1849	5.452	Max N	<b>2.33</b>	-0.01	-0.76	0.00	0.00	0.00	CO 9
		1.817	Min N	<b>-80.71</b>	-0.04	17.79	-0.04	-4.83	-0.04	CO 18
	1846	0.000	Max V <sub>y</sub>	-21.53	<b>0.05</b>	11.43	-0.12	0.00	0.00	CO 12
		3.116	Min V <sub>y</sub>	-65.68	<b>-0.08</b>	-5.81	-0.07	1.51	0.03	CO 12
		3.635	Max V <sub>z</sub>	-25.85	0.00	<b>21.65</b>	0.00	-5.88	0.00	CO 17
		1.817	Min V <sub>z</sub>	-26.83	0.00	<b>-21.65</b>	0.00	-5.87	0.00	CO 17
		4.414	Max M <sub>T</sub>	2.30	-0.01	0.29	<b>0.00</b>	0.24	-0.01	CO 9
		4.673	Min M <sub>T</sub>	-29.41	0.05	0.42	<b>-0.12</b>	4.30	0.04	CO 12
		4.673	Max M <sub>y</sub>	-25.26	0.00	0.60	0.00	<b>5.69</b>	0.00	CO 17
		3.635	Min M <sub>y</sub>	-25.85	0.00	21.65	0.00	<b>-5.88</b>	0.00	CO 17
		3.635	Max M <sub>z</sub>	-29.85	0.04	16.23	-0.12	-4.36	<b>0.08</b>	CO 12
		1.817	Min M <sub>z</sub>	-20.80	0.05	-16.23	-0.12	-4.38	<b>-0.09</b>	CO 12
2062	1851	0.000	max N	<b>3.38</b>	0.03	0.70	-0.02	0.00	0.00	CO 9
			min N	<b>-61.03</b>	0.03	15.21	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-37.21	<b>0.06</b>	11.35	-0.02	0.00	0.00	CO 13
			min V <sub>y</sub>	-7.64	<b>-0.18</b>	-1.66	0.06	0.00	0.00	CO 8
			max V <sub>z</sub>	-61.03	0.03	<b>15.21</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-7.64	-0.18	<b>-1.66</b>	0.06	0.00	0.00	CO 8
			max M <sub>T</sub>	-7.64	-0.18	-1.66	<b>0.06</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-11.24	0.04	4.79	<b>-0.02</b>	0.00	0.00	CO 11
			max M <sub>y</sub>	-9.33	0.00	1.71	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-7.64	-0.18	-1.66	0.06	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-37.21	0.06	11.35	-0.02	0.00	<b>0.00</b>	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-48.22	-0.16	8.99	0.05	0.00	<b>0.00</b>	CO 12
			max N	<b>3.38</b>	0.03	0.70	-0.02	0.00	0.00	CO 9
			min N	<b>-61.03</b>	0.03	15.21	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-37.21	<b>0.06</b>	11.35	-0.02	0.00	0.00	CO 13
			min V <sub>y</sub>	-7.64	<b>-0.18</b>	-1.66	0.06	0.00	0.00	CO 8
			max V <sub>z</sub>	-61.03	0.03	<b>15.21</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-7.64	-0.18	<b>-1.66</b>	0.06	0.00	0.00	CO 8
			max M <sub>T</sub>	-7.64	-0.18	-1.66	<b>0.06</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-11.24	0.04	4.79	<b>-0.02</b>	0.00	0.00	CO 11
			max M <sub>y</sub>	-61.03	0.03	15.21	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-7.64	-0.18	-1.66	0.06	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-37.21	0.06	11.35	-0.02	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-48.22	-0.16	8.99	0.05	0.00	<b>0.00</b>	CO 12
		1.817	max N	<b>3.43</b>	0.03	-1.12	-0.02	-0.38	-0.05	CO 9
			min N	<b>-60.09</b>	0.03	-21.75	0.00	-6.01	-0.05	CO 17
			max V <sub>y</sub>	-36.48	<b>0.04</b>	-16.35	-0.02	-4.57	-0.09	CO 13
			min V <sub>y</sub>	-7.75	<b>-0.18</b>	2.38	0.06	0.65	0.32	CO 8
			max V <sub>z</sub>	-7.75	-0.18	<b>2.38</b>	0.06	0.65	0.32	CO 8
			min V <sub>z</sub>	-60.09	0.03	<b>-21.75</b>	0.00	-6.01	-0.05	CO 17
			max M <sub>T</sub>	-7.75	-0.18	2.38	<b>0.06</b>	0.65	0.32	CO 8
			min M <sub>T</sub>	-10.92	0.03	-6.97	<b>-0.02</b>	-1.99	-0.06	CO 11
			max M <sub>y</sub>	-7.75	-0.18	2.38	0.06	<b>0.65</b>	0.32	CO 8
			min M <sub>y</sub>	-60.09	0.03	-21.75	0.00	<b>-6.01</b>	-0.05	CO 17
			max M <sub>z</sub>	-7.75	-0.18	2.38	0.06	0.65	<b>0.32</b>	CO 8
			min M <sub>z</sub>	-36.48	0.04	-16.35	-0.02	-4.57	<b>-0.09</b>	CO 13
			max N	<b>-4.30</b>	0.03	3.18	-0.02	-0.57	-0.05	CO 9
			min N	<b>-126.87</b>	0.06	26.23	-0.01	-5.94	-0.05	CO 17
			max V <sub>y</sub>	-117.35	<b>0.08</b>	25.52	-0.02	-5.78	-0.08	CO 19
			min V <sub>y</sub>	-10.67	<b>-0.21</b>	0.40	0.06	0.17	0.27	CO 8
			max V <sub>z</sub>	-126.87	0.06	<b>26.23</b>	-0.01	-5.94	-0.05	CO 17
			min V <sub>z</sub>	-10.67	-0.21	<b>0.40</b>	0.06	0.17	0.27	CO 8
			max M <sub>T</sub>	-10.67	-0.21	0.40	<b>0.06</b>	0.17	0.27	CO 8
			min M <sub>T</sub>	-88.38	0.08	20.45	<b>-0.03</b>	-4.59	-0.09	CO 13
			max M <sub>y</sub>	-10.67	-0.21	0.40	0.06	<b>0.17</b>	0.27	CO 8
			min M <sub>y</sub>	-126.87	0.06	26.23	-0.01	<b>-5.94</b>	-0.05	CO 17
			max M <sub>z</sub>	-10.67	-0.21	0.40	0.06	0.17	<b>0.27</b>	CO 8
			min M <sub>z</sub>	-88.38	0.08	20.45	-0.03	-4.59	<b>-0.09</b>	CO 13
		2.067	max N	<b>-4.29</b>	0.03	2.93	-0.02	0.19	-0.05	CO 9
			min N	<b>-126.72</b>	0.06	21.24	-0.01	-0.01	-0.07	CO 17
			max V <sub>y</sub>	-117.21	<b>0.08</b>	20.72	-0.02	0.00	-0.10	CO 19
			min V <sub>y</sub>	-10.68	<b>-0.21</b>	0.95	0.06	0.34	0.32	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-126.72	0.06	<b>21.24</b>	-0.01	-0.01	-0.07	CO 17
			min V <sub>z</sub>	-10.68	-0.21	<b>0.95</b>	0.06	0.34	0.32	CO 8
			max M <sub>T</sub>	-10.68	-0.21	0.95	<b>0.06</b>	0.34	0.32	CO 8
			min M <sub>T</sub>	-88.28	0.07	16.68	<b>-0.03</b>	0.05	-0.11	CO 13
			max M <sub>y</sub>	-10.68	-0.21	0.95	0.06	<b>0.34</b>	0.32	CO 8
			min M <sub>y</sub>	-126.72	0.06	21.24	-0.01	<b>-0.01</b>	-0.07	CO 17
			max M <sub>z</sub>	-10.68	-0.21	0.95	0.06	0.34	<b>0.32</b>	CO 8
			min M <sub>z</sub>	-88.28	0.07	16.68	-0.03	0.05	<b>-0.11</b>	CO 13
			max N	<b>-4.23</b>	-0.03	0.69	-0.02	0.21	-0.05	CO 9
			min N	<b>-126.50</b>	-0.07	13.53	-0.01	0.03	-0.07	CO 17
			max V <sub>y</sub>	-10.62	<b>0.30</b>	-1.29	0.06	0.35	0.32	CO 8
			min V <sub>y</sub>	-116.99	<b>-0.08</b>	13.01	-0.02	0.04	-0.10	CO 19
			max V <sub>z</sub>	-126.50	-0.07	<b>13.53</b>	-0.01	0.03	-0.07	CO 17
			min V <sub>z</sub>	-10.62	0.30	<b>-1.29</b>	0.06	0.35	0.32	CO 8
			max M <sub>T</sub>	-10.62	0.30	-1.29	<b>0.06</b>	0.35	0.32	CO 8
			min M <sub>T</sub>	-88.09	-0.07	10.15	<b>-0.03</b>	0.08	-0.11	CO 13
			max M <sub>y</sub>	-10.62	0.30	-1.29	0.06	<b>0.35</b>	0.32	CO 8
			min M <sub>y</sub>	-126.50	-0.07	13.53	-0.01	<b>0.03</b>	-0.07	CO 17
			max M <sub>z</sub>	-10.62	0.30	-1.29	0.06	0.35	<b>0.32</b>	CO 8
			min M <sub>z</sub>	-88.09	-0.07	10.15	-0.03	0.08	<b>-0.11</b>	CO 13
		3.385	max N	<b>-4.19</b>	-0.03	-0.64	-0.02	0.24	-0.01	CO 9
			min N	<b>-125.76</b>	-0.07	-13.45	-0.01	0.09	0.03	CO 17
			max V <sub>y</sub>	-10.70	<b>0.30</b>	1.63	0.06	0.57	-0.08	CO 8
			min V <sub>y</sub>	-116.28	<b>-0.09</b>	-12.91	-0.02	0.11	0.01	CO 19
			max V <sub>z</sub>	-10.70	0.30	<b>1.63</b>	0.06	0.57	-0.08	CO 8
			min V <sub>z</sub>	-125.76	-0.07	<b>-13.45</b>	-0.01	0.09	0.03	CO 17
			max M <sub>T</sub>	-10.70	0.30	1.63	<b>0.06</b>	0.57	-0.08	CO 8
			min M <sub>T</sub>	-87.54	-0.09	-10.04	<b>-0.03</b>	0.15	0.00	CO 13
			max M <sub>y</sub>	-10.70	0.30	1.63	0.06	<b>0.57</b>	-0.08	CO 8
			min M <sub>y</sub>	-125.76	-0.07	-13.45	-0.01	<b>0.09</b>	0.03	CO 17
			max M <sub>z</sub>	-125.76	-0.07	-13.45	-0.01	0.09	<b>0.03</b>	CO 17
			min M <sub>z</sub>	-10.70	0.30	1.63	0.06	0.57	<b>-0.08</b>	CO 8
			max N	<b>-4.13</b>	-0.02	-2.88	-0.02	0.22	-0.01	CO 9
			min N	<b>-125.56</b>	0.03	-21.15	-0.01	0.05	0.03	CO 17
			max V <sub>y</sub>	-125.56	<b>0.03</b>	-21.15	-0.01	0.05	0.03	CO 17
			min V <sub>y</sub>	-10.64	<b>-0.07</b>	-0.61	0.06	0.55	-0.08	CO 8
			max V <sub>z</sub>	-10.64	-0.07	<b>-0.61</b>	0.06	0.55	-0.08	CO 8
			min V <sub>z</sub>	-125.56	0.03	<b>-21.15</b>	-0.01	0.05	0.03	CO 17
			max M <sub>T</sub>	-10.64	-0.07	-0.61	<b>0.06</b>	0.55	-0.08	CO 8
			min M <sub>T</sub>	-87.36	-0.01	-16.58	<b>-0.03</b>	0.12	0.00	CO 13
			max M <sub>y</sub>	-10.64	-0.07	-0.61	0.06	<b>0.55</b>	-0.08	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-125.56	0.03	-21.15	-0.01	<b>0.05</b>	0.03	CO 17
			max M <sub>z</sub>	-125.56	0.03	-21.15	-0.01	0.05	<b>0.03</b>	CO 17
			min M <sub>z</sub>	-10.64	-0.07	-0.61	0.06	0.55	<b>-0.08</b>	CO 8
		3.635	max N	<b>-4.12</b>	-0.02	-3.13	-0.02	-0.53	-0.01	CO 9
			min N	<b>-125.42</b>	0.03	-26.15	-0.01	-5.86	0.02	CO 17
			max V <sub>y</sub>	-125.42	<b>0.03</b>	-26.15	-0.01	-5.86	0.02	CO 17
			min V <sub>y</sub>	-10.66	<b>-0.07</b>	-0.06	0.06	0.46	-0.06	CO 8
			max V <sub>z</sub>	-10.66	-0.07	<b>-0.06</b>	0.06	0.46	-0.06	CO 8
			min V <sub>z</sub>	-125.42	0.03	<b>-26.15</b>	-0.01	-5.86	0.02	CO 17
			max M <sub>T</sub>	-10.66	-0.07	-0.06	<b>0.06</b>	0.46	-0.06	CO 8
			min M <sub>T</sub>	-87.26	-0.01	-20.34	<b>-0.03</b>	-4.50	0.00	CO 13
			max M <sub>y</sub>	-10.66	-0.07	-0.06	0.06	<b>0.46</b>	-0.06	CO 8
			min M <sub>y</sub>	-125.42	0.03	-26.15	-0.01	<b>-5.86</b>	0.02	CO 17
			max M <sub>z</sub>	-125.42	0.03	-26.15	-0.01	-5.86	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-10.66	-0.07	-0.06	0.06	0.46	<b>-0.06</b>	CO 8
			max N	<b>2.06</b>	-0.01	1.12	-0.03	-0.38	-0.02	CO 9
			min N	<b>-65.14</b>	-0.01	18.54	0.02	-5.09	-0.01	CO 18
			max V <sub>y</sub>	-61.76	<b>0.01</b>	21.75	-0.01	-6.01	0.02	CO 17
			min V <sub>y</sub>	-15.09	<b>-0.02</b>	-2.86	0.05	0.83	-0.05	CO 8
			max V <sub>z</sub>	-61.76	0.01	<b>21.75</b>	-0.01	-6.01	0.02	CO 17
			min V <sub>z</sub>	-15.09	-0.02	<b>-2.86</b>	0.05	0.83	-0.05	CO 8
			max M <sub>T</sub>	-15.09	-0.02	-2.86	<b>0.05</b>	0.83	-0.05	CO 8
			min M <sub>T</sub>	-39.00	0.00	16.34	<b>-0.03</b>	-4.57	-0.01	CO 13
			max M <sub>y</sub>	-15.09	-0.02	-2.86	0.05	<b>0.83</b>	-0.05	CO 8
			min M <sub>y</sub>	-61.76	0.01	21.75	-0.01	<b>-6.01</b>	0.02	CO 17
			max M <sub>z</sub>	-61.76	0.01	21.75	-0.01	-6.01	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-15.09	-0.02	-2.86	0.05	0.83	<b>-0.05</b>	CO 8
		3.950	max N	<b>2.07</b>	-0.01	0.80	-0.03	-0.07	-0.01	CO 9
			min N	<b>-64.97</b>	-0.01	13.05	0.02	-0.11	-0.01	CO 18
			max V <sub>y</sub>	-61.57	<b>0.01</b>	15.40	-0.01	-0.15	0.02	CO 17
			min V <sub>y</sub>	-15.11	<b>-0.02</b>	-2.17	0.05	0.04	-0.04	CO 8
			max V <sub>z</sub>	-61.57	0.01	<b>15.40</b>	-0.01	-0.15	0.02	CO 17
			min V <sub>z</sub>	-15.11	-0.02	<b>-2.17</b>	0.05	0.04	-0.04	CO 8
			max M <sub>T</sub>	-15.11	-0.02	-2.17	<b>0.05</b>	0.04	-0.04	CO 8
			min M <sub>T</sub>	-38.86	0.00	11.57	<b>-0.04</b>	-0.17	-0.01	CO 13
			max M <sub>y</sub>	-15.11	-0.02	-2.17	0.05	<b>0.04</b>	-0.04	CO 8
			min M <sub>y</sub>	-54.59	0.00	14.82	-0.03	<b>-0.18</b>	0.00	CO 19
			max M <sub>z</sub>	-61.57	0.01	15.40	-0.01	-0.15	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-15.11	-0.02	-2.17	0.05	0.04	<b>-0.04</b>	CO 8
			max N	<b>2.07</b>	-0.01	0.80	-0.03	-0.07	-0.01	CO 9
			min N	<b>-64.97</b>	-0.01	13.05	0.02	-0.11	-0.01	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-61.57	<b>0.01</b>	15.40	-0.01	-0.15	0.02	CO 17
			min V <sub>y</sub>	-15.11	<b>-0.02</b>	-2.17	0.05	0.04	-0.04	CO 8
			max V <sub>z</sub>	-61.57	0.01	<b>15.40</b>	-0.01	-0.15	0.02	CO 17
			min V <sub>z</sub>	-15.11	-0.02	<b>-2.17</b>	0.05	0.04	-0.04	CO 8
			max M <sub>T</sub>	-15.11	-0.02	-2.17	<b>0.05</b>	0.04	-0.04	CO 8
			min M <sub>T</sub>	-38.86	0.00	11.57	<b>-0.04</b>	-0.17	-0.01	CO 13
			max M <sub>y</sub>	-15.11	-0.02	-2.17	0.05	<b>0.04</b>	-0.04	CO 8
			min M <sub>y</sub>	-54.59	0.00	14.82	-0.03	<b>-0.18</b>	0.00	CO 19
			max M <sub>z</sub>	-61.57	0.01	15.40	-0.01	-0.15	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-15.11	-0.02	-2.17	0.05	0.04	<b>-0.04</b>	CO 8
		5.452	max N	<b>2.11</b>	-0.01	-0.71	-0.03	0.00	0.00	CO 9
			min N	<b>-64.22</b>	-0.01	-12.90	0.02	0.00	0.00	CO 18
			max V <sub>y</sub>	-60.67	<b>0.01</b>	-15.20	-0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	-15.23	<b>-0.02</b>	2.11	0.05	0.00	0.00	CO 8
			max V <sub>z</sub>	-15.23	-0.02	<b>2.11</b>	0.05	0.00	0.00	CO 8
			min V <sub>z</sub>	-60.67	0.01	<b>-15.20</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-15.23	-0.02	2.11	<b>0.05</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-38.20	-0.01	-11.35	<b>-0.04</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-60.67	0.01	-15.20	-0.01	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-15.23	-0.02	2.11	0.05	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-55.65	-0.02	-8.54	0.05	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-38.20	-0.01	-11.35	-0.04	0.00	<b>0.00</b>	CO 13
	1852		max N	<b>2.11</b>	-0.01	-0.71	-0.03	0.00	0.00	CO 9
			min N	<b>-64.22</b>	-0.01	-12.90	0.02	0.00	0.00	CO 18
			max V <sub>y</sub>	-60.67	<b>0.01</b>	-15.20	-0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	-15.23	<b>-0.02</b>	2.11	0.05	0.00	0.00	CO 8
			max V <sub>z</sub>	-15.23	-0.02	<b>2.11</b>	0.05	0.00	0.00	CO 8
			min V <sub>z</sub>	-60.67	0.01	<b>-15.20</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-15.23	-0.02	2.11	<b>0.05</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-38.20	-0.01	-11.35	<b>-0.04</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-9.47	0.00	-1.71	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-15.23	-0.02	2.11	0.05	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-55.65	-0.02	-8.54	0.05	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-38.20	-0.01	-11.35	-0.04	0.00	<b>0.00</b>	CO 13
		1.817	Max N	<b>3.43</b>	0.03	-1.12	-0.02	-0.38	-0.05	CO 9
		1.817	Min N	<b>-126.87</b>	0.06	26.23	-0.01	-5.94	-0.05	CO 17
		3.122	Max V <sub>y</sub>	-10.68	<b>0.30</b>	1.05	0.06	0.22	0.00	CO 8
		1.817	Min V <sub>y</sub>	-10.67	<b>-0.21</b>	0.40	0.06	0.17	0.27	CO 8
		1.817	Max V <sub>z</sub>	-126.87	0.06	<b>26.23</b>	-0.01	-5.94	-0.05	CO 17
		3.635	Min V <sub>z</sub>	-125.42	0.03	<b>-26.15</b>	-0.01	-5.86	0.02	CO 17
		1.817	Max M <sub>T</sub>	-7.75	-0.18	2.38	<b>0.06</b>	0.65	0.32	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		4.673	Min M <sub>T</sub>	-38.56	-0.01	0.54	<b>-0.04</b>	4.22	-0.01	CO 13
		4.673	Max M <sub>y</sub>	-61.16	0.01	0.67	-0.01	<b>5.67</b>	0.01	CO 17
		3.635	Min M <sub>y</sub>	-61.76	0.01	21.75	-0.01	<b>-6.01</b>	0.02	CO 17
		1.817	Max M <sub>z</sub>	-7.75	-0.18	2.38	0.06	0.65	<b>0.32</b>	CO 8
		2.067	Min M <sub>z</sub>	-88.09	-0.07	10.15	-0.03	0.08	<b>-0.11</b>	CO 13
2063	508	0.000	max N	<b>-15.73</b>	-0.43	0.96	-0.01	-0.06	1.43	CO 9
			min N	<b>-126.31</b>	0.18	0.13	-0.01	0.00	-1.23	CO 17
			max V <sub>y</sub>	-98.00	<b>8.45</b>	0.63	-0.02	0.10	-6.14	CO 12
			min V <sub>y</sub>	-15.73	<b>-0.43</b>	0.96	-0.01	-0.06	1.43	CO 9
			max V <sub>z</sub>	-97.68	-0.27	<b>1.06</b>	-0.01	-0.06	0.42	CO 13
			min V <sub>z</sub>	-22.72	-0.01	<b>0.02</b>	0.00	0.00	0.07	CO 1
			max M <sub>T</sub>	-22.72	-0.01	0.02	<b>0.00</b>	0.00	0.07	CO 1
			min M <sub>T</sub>	-98.00	8.45	0.63	<b>-0.02</b>	0.10	-6.14	CO 12
			max M <sub>y</sub>	-98.00	8.45	0.63	-0.02	<b>0.10</b>	-6.14	CO 12
			min M <sub>y</sub>	-97.68	-0.27	1.06	-0.01	<b>-0.06</b>	0.42	CO 13
			max M <sub>z</sub>	-15.73	-0.43	0.96	-0.01	-0.06	<b>1.43</b>	CO 9
			min M <sub>z</sub>	-98.00	8.45	0.63	-0.02	0.10	<b>-6.14</b>	CO 12
		0.150	max N	<b>-15.57</b>	-0.42	0.96	-0.01	0.09	1.49	CO 9
			min N	<b>-126.15</b>	0.17	0.13	-0.01	0.02	-1.26	CO 17
			max V <sub>y</sub>	-97.85	<b>8.44</b>	0.63	-0.02	0.20	-7.41	CO 12
			min V <sub>y</sub>	-15.57	<b>-0.42</b>	0.96	-0.01	0.09	1.49	CO 9
			max V <sub>z</sub>	-97.52	-0.27	<b>1.06</b>	-0.01	0.10	0.46	CO 13
			min V <sub>z</sub>	-22.57	-0.01	<b>0.02</b>	0.00	0.00	0.07	CO 1
			max M <sub>T</sub>	-22.57	-0.01	0.02	<b>0.00</b>	0.00	0.07	CO 1
			min M <sub>T</sub>	-97.85	8.44	0.63	<b>-0.02</b>	0.20	-7.41	CO 12
			max M <sub>y</sub>	-97.85	8.44	0.63	-0.02	<b>0.20</b>	-7.41	CO 12
			min M <sub>y</sub>	-22.57	-0.01	0.02	0.00	<b>0.00</b>	0.07	CO 1
			max M <sub>z</sub>	-15.57	-0.42	0.96	-0.01	0.09	<b>1.49</b>	CO 9
			min M <sub>z</sub>	-97.85	8.44	0.63	-0.02	0.20	<b>-7.41</b>	CO 12
			max N	<b>-10.46</b>	7.50	-0.01	0.00	0.03	1.50	CO 9
			min N	<b>-120.14</b>	-24.21	-0.03	0.00	0.01	-1.29	CO 17
			max V <sub>y</sub>	-10.57	<b>15.77</b>	-0.36	-0.01	0.14	-5.75	CO 8
			min V <sub>y</sub>	-120.14	<b>-24.21</b>	-0.03	0.00	0.01	-1.29	CO 17
			max V <sub>z</sub>	-60.63	-3.33	<b>0.00</b>	-0.01	0.03	0.80	CO 15
			min V <sub>z</sub>	-92.10	-0.57	<b>-0.38</b>	-0.01	0.15	-6.92	CO 12
			max M <sub>T</sub>	-17.14	-3.04	-0.01	<b>0.00</b>	0.00	0.07	CO 1
			min M <sub>T</sub>	-92.10	-0.57	-0.38	<b>-0.01</b>	0.15	-6.92	CO 12
			max M <sub>y</sub>	-92.10	-0.57	-0.38	-0.01	<b>0.15</b>	-6.92	CO 12
			min M <sub>y</sub>	-17.14	-3.04	-0.01	0.00	<b>0.00</b>	0.07	CO 1
			max M <sub>z</sub>	-10.46	7.50	-0.01	0.00	0.03	<b>1.50</b>	CO 9
			min M <sub>z</sub>	-92.10	-0.57	-0.38	-0.01	0.15	<b>-6.92</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	497	0.300	max N	<b>-10.30</b>	7.50	-0.01	-0.01	0.03	0.38	CO 9
			min N	<b>-119.98</b>	-24.21	-0.04	0.00	0.01	2.34	CO 17
			max V <sub>y</sub>	-10.42	<b>15.77</b>	-0.36	-0.01	0.08	-8.12	CO 8
			min V <sub>y</sub>	-119.98	<b>-24.21</b>	-0.04	0.00	0.01	2.34	CO 17
			max V <sub>z</sub>	-60.48	-3.33	<b>0.00</b>	-0.01	0.03	1.30	CO 15
			min V <sub>z</sub>	-91.95	-0.58	<b>-0.38</b>	-0.02	0.10	-6.83	CO 12
			max M <sub>T</sub>	-16.99	-3.04	-0.01	<b>0.00</b>	0.00	0.53	CO 1
			min M <sub>T</sub>	-91.95	-0.58	-0.38	<b>-0.02</b>	0.10	-6.83	CO 12
			max M <sub>y</sub>	-91.95	-0.58	-0.38	-0.02	<b>0.10</b>	-6.83	CO 12
			min M <sub>y</sub>	-16.99	-3.04	-0.01	0.00	<b>0.00</b>	0.53	CO 1
			max M <sub>z</sub>	-119.98	-24.21	-0.04	0.00	0.01	<b>2.34</b>	CO 17
			min M <sub>z</sub>	-10.42	15.77	-0.36	-0.01	0.08	<b>-8.12</b>	CO 8
	497	0.300	Max N	<b>-10.30</b>	7.50	-0.01	-0.01	0.03	0.38	CO 9
	508	0.000	Min N	<b>-126.31</b>	0.18	0.13	-0.01	0.00	-1.23	CO 17
		0.150	Max V <sub>y</sub>	-10.57	<b>15.77</b>	-0.36	-0.01	0.14	-5.75	CO 8
		0.200	Min V <sub>y</sub>	-120.08	<b>-24.21</b>	-0.03	0.00	0.01	-0.08	CO 17
	508	0.000	Max V <sub>z</sub>	-97.68	-0.27	<b>1.06</b>	-0.01	-0.06	0.42	CO 13
	497	0.300	Min V <sub>z</sub>	-91.95	-0.58	<b>-0.38</b>	-0.02	0.10	-6.83	CO 12
	497	0.300	Max M <sub>T</sub>	-16.99	-3.04	-0.01	<b>0.00</b>	0.00	0.53	CO 1
		0.150	Min M <sub>T</sub>	-97.85	8.44	0.63	<b>-0.02</b>	0.20	-7.41	CO 12
		0.150	Max M <sub>y</sub>	-97.85	8.44	0.63	-0.02	<b>0.20</b>	-7.41	CO 12
	508	0.000	Min M <sub>y</sub>	-97.68	-0.27	1.06	-0.01	<b>-0.06</b>	0.42	CO 13
	497	0.300	Max M <sub>z</sub>	-119.98	-24.21	-0.04	0.00	0.01	<b>2.34</b>	CO 17
	497	0.300	Min M <sub>z</sub>	-10.42	15.77	-0.36	-0.01	0.08	<b>-8.12</b>	CO 8
2064	510	0.000	max N	<b>-9.92</b>	-9.61	0.73	-0.01	-0.13	-2.94	CO 9
			min N	<b>-67.93</b>	-1.05	0.04	0.00	-0.01	-10.91	CO 17
			max V <sub>y</sub>	-51.65	<b>0.24</b>	0.03	0.00	-0.01	-8.03	CO 16
			min V <sub>y</sub>	-26.19	<b>-10.90</b>	0.74	-0.01	-0.14	-5.82	CO 11
			max V <sub>z</sub>	-52.63	-10.25	<b>0.76</b>	-0.01	-0.15	-10.24	CO 13
			min V <sub>z</sub>	-11.44	-3.23	<b>-0.17</b>	-0.02	-0.02	-1.85	CO 8
			max M <sub>T</sub>	-13.87	-0.71	0.00	<b>0.00</b>	0.00	-1.71	CO 1
			min M <sub>T</sub>	-54.19	-3.77	-0.15	<b>-0.02</b>	-0.03	-9.19	CO 12
			max M <sub>y</sub>	-13.87	-0.71	0.00	0.00	<b>0.00</b>	-1.71	CO 1
			min M <sub>y</sub>	-52.63	-10.25	0.76	-0.01	<b>-0.15</b>	-10.24	CO 13
			max M <sub>z</sub>	-13.87	-0.71	0.00	0.00	0.00	<b>-1.71</b>	CO 1
			min M <sub>z</sub>	-65.55	-6.41	0.48	-0.01	-0.09	<b>-11.65</b>	CO 19
		0.150	max N	<b>-9.76</b>	-10.09	0.73	-0.01	-0.02	-1.46	CO 9
			min N	<b>-67.77</b>	-1.06	0.04	0.00	-0.01	-10.75	CO 17
			max V <sub>y</sub>	-51.50	<b>0.24</b>	0.03	0.00	-0.01	-8.07	CO 16
			min V <sub>y</sub>	-26.03	<b>-11.38</b>	0.74	-0.01	-0.03	-4.15	CO 11
			max V <sub>z</sub>	-52.47	-10.74	<b>0.76</b>	-0.01	-0.03	-8.67	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-11.29	-3.71	<b>-0.17</b>	-0.02	-0.05	-1.33	CO 8
			max M <sub>T</sub>	-13.72	-0.71	0.00	<b>0.00</b>	0.00	-1.61	CO 1
			min M <sub>T</sub>	-54.03	-4.25	-0.15	<b>-0.02</b>	-0.05	-8.59	CO 12
			max M <sub>y</sub>	-13.72	-0.71	0.00	0.00	<b>0.00</b>	-1.61	CO 1
			min M <sub>y</sub>	-54.03	-4.25	-0.15	-0.02	<b>-0.05</b>	-8.59	CO 12
			max M <sub>z</sub>	-11.29	-3.71	-0.17	-0.02	-0.05	<b>-1.33</b>	CO 8
			min M <sub>z</sub>	-67.77	-1.06	0.04	0.00	-0.01	<b>-10.75</b>	CO 17
			max N	<b>-7.52</b>	-10.09	-0.01	-0.01	-0.02	-1.46	CO 9
			min N	<b>-65.54</b>	-1.06	0.00	0.00	-0.01	-10.75	CO 17
			max V <sub>y</sub>	-49.26	<b>0.24</b>	0.00	0.00	-0.01	-8.06	CO 16
			min V <sub>y</sub>	-23.79	<b>-11.38</b>	0.00	-0.01	-0.03	-4.15	CO 11
			max V <sub>z</sub>	-9.05	-3.71	<b>0.02</b>	-0.02	-0.05	-1.30	CO 8
			min V <sub>z</sub>	-7.52	-10.09	<b>-0.01</b>	-0.01	-0.02	-1.46	CO 9
			max M <sub>T</sub>	-11.48	-0.71	0.00	<b>0.00</b>	0.00	-1.61	CO 1
			min M <sub>T</sub>	-51.79	-4.25	0.01	<b>-0.02</b>	-0.05	-8.55	CO 12
			max M <sub>y</sub>	-11.48	-0.71	0.00	0.00	<b>0.00</b>	-1.61	CO 1
			min M <sub>y</sub>	-51.79	-4.25	0.01	-0.02	<b>-0.05</b>	-8.55	CO 12
			max M <sub>z</sub>	-9.05	-3.71	0.02	-0.02	-0.05	<b>-1.30</b>	CO 8
			min M <sub>z</sub>	-65.54	-1.06	0.00	0.00	-0.01	<b>-10.75</b>	CO 17
	1850	0.300	max N	<b>-7.37</b>	-10.57	-0.01	-0.01	-0.02	0.09	CO 9
			min N	<b>-65.38</b>	-1.07	0.00	0.00	-0.01	-10.59	CO 17
			max V <sub>y</sub>	-49.11	<b>0.23</b>	0.00	0.00	-0.01	-8.10	CO 16
			min V <sub>y</sub>	-23.64	<b>-11.86</b>	0.00	-0.01	-0.03	-2.40	CO 11
			max V <sub>z</sub>	-8.89	-4.19	<b>0.02</b>	-0.02	-0.05	-0.71	CO 8
			min V <sub>z</sub>	-7.37	-10.57	<b>-0.01</b>	-0.01	-0.02	0.09	CO 9
			max M <sub>T</sub>	-11.33	-0.71	0.00	<b>0.00</b>	0.00	-1.50	CO 1
			min M <sub>T</sub>	-51.64	-4.74	0.01	<b>-0.02</b>	-0.05	-7.88	CO 12
			max M <sub>y</sub>	-11.33	-0.71	0.00	0.00	<b>0.00</b>	-1.50	CO 1
			min M <sub>y</sub>	-51.64	-4.74	0.01	-0.02	<b>-0.05</b>	-7.88	CO 12
			max M <sub>z</sub>	-7.37	-10.57	-0.01	-0.01	-0.02	<b>0.09</b>	CO 9
			min M <sub>z</sub>	-65.38	-1.07	0.00	0.00	-0.01	<b>-10.59</b>	CO 17
	1850	0.300	Max N	<b>-7.37</b>	-10.57	-0.01	-0.01	-0.02	0.09	CO 9
	510	0.000	Min N	<b>-67.93</b>	-1.05	0.04	0.00	-0.01	-10.91	CO 17
	510	0.000	Max V <sub>y</sub>	-51.65	<b>0.24</b>	0.03	0.00	-0.01	-8.03	CO 16
	1850	0.300	Min V <sub>y</sub>	-23.64	<b>-11.86</b>	0.00	-0.01	-0.03	-2.40	CO 11
	510	0.000	Max V <sub>z</sub>	-52.63	-10.25	<b>0.76</b>	-0.01	-0.15	-10.24	CO 13
		0.150	Min V <sub>z</sub>	-11.29	-3.71	<b>-0.17</b>	-0.02	-0.05	-1.33	CO 8
	1850	0.300	Max M <sub>T</sub>	-11.33	-0.71	0.00	<b>0.00</b>	0.00	-1.50	CO 1
	1850	0.300	Min M <sub>T</sub>	-51.64	-4.74	0.01	<b>-0.02</b>	-0.05	-7.88	CO 12
		0.150	Max M <sub>y</sub>	-13.72	-0.71	0.00	0.00	<b>0.00</b>	-1.61	CO 1
	510	0.000	Min M <sub>y</sub>	-52.63	-10.25	0.76	-0.01	<b>-0.15</b>	-10.24	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1850	0.300	Max M <sub>z</sub>	-7.37	-10.57	-0.01	-0.01	-0.02	<b>0.09</b>	CO 9
	510	0.000	Min M <sub>z</sub>	-65.55	-6.41	0.48	-0.01	-0.09	<b>-11.65</b>	CO 19
2065	511	0.000	max N	<b>-6.41</b>	7.73	-0.32	0.00	-0.10	-4.97	CO 8
			min N	<b>-126.30</b>	-0.10	0.11	0.01	0.00	1.17	CO 17
			max V <sub>y</sub>	-37.87	<b>7.77</b>	-0.30	0.00	-0.10	-4.71	CO 10
			min V <sub>y</sub>	-126.30	<b>-0.10</b>	0.11	0.01	0.00	1.17	CO 17
			max V <sub>z</sub>	-97.72	0.05	<b>1.01</b>	0.01	-0.05	-0.27	CO 13
			min V <sub>z</sub>	-6.41	7.73	<b>-0.32</b>	0.00	-0.10	-4.97	CO 8
			max M <sub>T</sub>	-97.72	0.05	1.01	<b>0.01</b>	-0.05	-0.27	CO 13
			min M <sub>T</sub>	-6.41	7.73	-0.32	<b>0.00</b>	-0.10	-4.97	CO 8
			max M <sub>y</sub>	-126.30	-0.10	0.11	0.01	<b>0.00</b>	1.17	CO 17
			min M <sub>y</sub>	-88.34	7.75	-0.25	0.00	<b>-0.10</b>	-4.08	CO 12
			max M <sub>z</sub>	-126.30	-0.10	0.11	0.01	0.00	<b>1.17</b>	CO 17
			min M <sub>z</sub>	-6.41	7.73	-0.32	0.00	-0.10	<b>-4.97</b>	CO 8
		0.150	max N	<b>-6.26</b>	7.73	-0.32	0.00	-0.14	-6.13	CO 8
			min N	<b>-126.14</b>	-0.09	0.11	0.01	0.02	1.18	CO 17
			max V <sub>y</sub>	-37.72	<b>7.77</b>	-0.29	0.00	-0.14	-5.88	CO 10
			min V <sub>y</sub>	-126.14	<b>-0.09</b>	0.11	0.01	0.02	1.18	CO 17
			max V <sub>z</sub>	-97.56	0.05	<b>1.01</b>	0.01	0.11	-0.27	CO 13
			min V <sub>z</sub>	-6.26	7.73	<b>-0.32</b>	0.00	-0.14	-6.13	CO 8
			max M <sub>T</sub>	-97.56	0.05	1.01	<b>0.01</b>	0.11	-0.27	CO 13
			min M <sub>T</sub>	-6.26	7.73	-0.32	<b>0.00</b>	-0.14	-6.13	CO 8
			max M <sub>y</sub>	-97.56	0.05	1.01	0.01	<b>0.11</b>	-0.27	CO 13
			min M <sub>y</sub>	-6.26	7.73	-0.32	0.00	<b>-0.14</b>	-6.13	CO 8
			max M <sub>z</sub>	-126.14	-0.09	0.11	0.01	0.02	<b>1.18</b>	CO 17
			min M <sub>z</sub>	-6.26	7.73	-0.32	0.00	-0.14	<b>-6.13</b>	CO 8
			max N	<b>-1.15</b>	10.09	0.29	0.00	-0.11	-5.63	CO 8
			min N	<b>-121.48</b>	24.40	-0.03	0.01	0.01	1.21	CO 17
			max V <sub>y</sub>	-111.76	<b>28.75</b>	0.14	0.00	-0.06	-2.18	CO 18
			min V <sub>y</sub>	-10.06	<b>-7.77</b>	-0.02	0.01	0.03	-1.28	CO 9
			max V <sub>z</sub>	-1.15	10.09	<b>0.29</b>	0.00	-0.11	-5.63	CO 8
			min V <sub>z</sub>	-121.48	24.40	<b>-0.03</b>	0.01	0.01	1.21	CO 17
			max M <sub>T</sub>	-92.47	8.83	-0.01	<b>0.01</b>	0.04	-0.28	CO 13
			min M <sub>T</sub>	-1.15	10.09	0.29	<b>0.00</b>	-0.11	-5.63	CO 8
			max M <sub>y</sub>	-92.47	8.83	-0.01	0.01	<b>0.04</b>	-0.28	CO 13
			min M <sub>y</sub>	-1.15	10.09	0.29	0.00	<b>-0.11</b>	-5.63	CO 8
			max M <sub>z</sub>	-121.48	24.40	-0.03	0.01	0.01	<b>1.21</b>	CO 17
			min M <sub>z</sub>	-1.15	10.09	0.29	0.00	-0.11	<b>-5.63</b>	CO 8
	1626	0.300	max N	<b>-1.00</b>	10.09	0.29	0.00	-0.07	-7.15	CO 8
			min N	<b>-121.33</b>	24.39	-0.03	0.01	0.01	-2.45	CO 17
			max V <sub>y</sub>	-111.60	<b>28.74</b>	0.14	0.00	-0.04	-6.50	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-9.90	<b>-7.77</b>	-0.02	0.01	0.03	-0.12	CO 9
			max V <sub>z</sub>	-1.00	10.09	<b>0.29</b>	0.00	-0.07	-7.15	CO 8
			min V <sub>z</sub>	-121.33	24.39	<b>-0.03</b>	0.01	0.01	-2.45	CO 17
			max M <sub>T</sub>	-92.31	8.82	-0.01	<b>0.01</b>	0.04	-1.60	CO 13
			min M <sub>T</sub>	-1.00	10.09	0.29	<b>0.00</b>	-0.07	-7.15	CO 8
			max M <sub>y</sub>	-92.31	8.82	-0.01	0.01	<b>0.04</b>	-1.60	CO 13
			min M <sub>y</sub>	-1.00	10.09	0.29	0.00	<b>-0.07</b>	-7.15	CO 8
			max M <sub>z</sub>	-9.90	-7.77	-0.02	0.01	0.03	<b>-0.12</b>	CO 9
			min M <sub>z</sub>	-83.36	26.92	0.26	0.00	-0.07	<b>-8.76</b>	CO 12
	1626	0.300	Max N	<b>-1.00</b>	10.09	0.29	0.00	-0.07	-7.15	CO 8
	511	0.000	Min N	<b>-126.30</b>	-0.10	0.11	0.01	0.00	1.17	CO 17
		0.150	Max V <sub>y</sub>	-111.76	<b>28.75</b>	0.14	0.00	-0.06	-2.18	CO 18
	1626	0.300	Min V <sub>y</sub>	-9.90	<b>-7.77</b>	-0.02	0.01	0.03	-0.12	CO 9
	511	0.000	Max V <sub>z</sub>	-97.72	0.05	<b>1.01</b>	0.01	-0.05	-0.27	CO 13
	511	0.000	Min V <sub>z</sub>	-6.41	7.73	<b>-0.32</b>	0.00	-0.10	-4.97	CO 8
		0.150	Max M <sub>T</sub>	-92.47	8.83	-0.01	<b>0.01</b>	0.04	-0.28	CO 13
		0.150	Min M <sub>T</sub>	-1.15	10.09	0.29	<b>0.00</b>	-0.11	-5.63	CO 8
		0.150	Max M <sub>y</sub>	-97.56	0.05	1.01	0.01	<b>0.11</b>	-0.27	CO 13
		0.150	Min M <sub>y</sub>	-6.26	7.73	-0.32	0.00	<b>-0.14</b>	-6.13	CO 8
		0.150	Max M <sub>z</sub>	-121.48	24.40	-0.03	0.01	0.01	<b>1.21</b>	CO 17
	1626	0.300	Min M <sub>z</sub>	-83.36	26.92	0.26	0.00	-0.07	<b>-8.76</b>	CO 12
2066	517	0.000	max N	<b>1.60</b>	-8.21	0.23	-0.02	0.01	-4.93	CO 8
			min N	<b>-67.11</b>	0.87	0.03	0.00	-0.01	10.80	CO 17
			max V <sub>y</sub>	-26.00	<b>11.05</b>	0.58	0.01	-0.12	5.82	CO 11
			min V <sub>y</sub>	-24.80	<b>-8.84</b>	0.24	-0.02	0.00	-0.54	CO 14
			max V <sub>z</sub>	-52.41	10.41	<b>0.59</b>	0.02	-0.13	10.24	CO 13
			min V <sub>z</sub>	-13.05	0.64	<b>0.00</b>	0.00	0.00	1.67	CO 1
			max M <sub>T</sub>	-52.41	10.41	0.59	<b>0.02</b>	-0.13	10.24	CO 13
			min M <sub>T</sub>	1.60	-8.21	0.23	<b>-0.02</b>	0.01	-4.93	CO 8
			max M <sub>y</sub>	1.60	-8.21	0.23	-0.02	<b>0.01</b>	-4.93	CO 8
			min M <sub>y</sub>	-52.41	10.41	0.59	0.02	<b>-0.13</b>	10.24	CO 13
			max M <sub>z</sub>	-65.08	6.43	0.37	0.01	-0.08	<b>11.60</b>	CO 19
			min M <sub>z</sub>	1.60	-8.21	0.23	-0.02	0.01	<b>-4.93</b>	CO 8
		0.150	max N	<b>1.76</b>	-8.99	0.23	-0.02	0.04	-3.64	CO 8
			min N	<b>-66.96</b>	0.88	0.03	0.00	-0.01	10.67	CO 17
			max V <sub>y</sub>	-25.85	<b>11.53</b>	0.57	0.01	-0.03	4.12	CO 11
			min V <sub>y</sub>	-24.64	<b>-9.61</b>	0.24	-0.02	0.04	0.85	CO 14
			max V <sub>z</sub>	-52.25	10.89	<b>0.59</b>	0.02	-0.04	8.64	CO 13
			min V <sub>z</sub>	-12.90	0.64	<b>0.00</b>	0.00	0.00	1.58	CO 1
			max M <sub>T</sub>	-52.25	10.89	0.59	<b>0.02</b>	-0.04	8.64	CO 13
			min M <sub>T</sub>	1.76	-8.99	0.23	<b>-0.02</b>	0.04	-3.64	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	1.76	-8.99	0.23	-0.02	<b>0.04</b>	-3.64	CO 8
			min M <sub>y</sub>	-52.25	10.89	0.59	0.02	<b>-0.04</b>	8.64	CO 13
			max M <sub>z</sub>	-66.96	0.88	0.03	0.00	-0.01	<b>10.67</b>	CO 17
			min M <sub>z</sub>	1.76	-8.99	0.23	-0.02	0.04	<b>-3.64</b>	CO 8
			max N	<b>4.00</b>	-8.99	-0.04	-0.02	0.04	-3.61	CO 8
			min N	<b>-64.72</b>	0.88	0.00	0.00	-0.01	10.66	CO 17
			max V <sub>y</sub>	-23.61	<b>11.53</b>	0.00	0.01	-0.03	4.12	CO 11
			min V <sub>y</sub>	-22.40	<b>-9.62</b>	-0.04	-0.02	0.04	0.88	CO 14
			max V <sub>z</sub>	-50.02	10.89	<b>0.01</b>	0.02	-0.04	8.64	CO 13
			min V <sub>z</sub>	4.00	-8.99	<b>-0.04</b>	-0.02	0.04	-3.61	CO 8
			max M <sub>T</sub>	-50.02	10.89	0.01	<b>0.02</b>	-0.04	8.64	CO 13
			min M <sub>T</sub>	4.00	-8.99	-0.04	<b>-0.02</b>	0.04	-3.61	CO 8
			max M <sub>y</sub>	4.00	-8.99	-0.04	-0.02	<b>0.04</b>	-3.61	CO 8
			min M <sub>y</sub>	-50.02	10.89	0.01	0.02	<b>-0.04</b>	8.64	CO 13
			max M <sub>z</sub>	-64.72	0.88	0.00	0.00	-0.01	<b>10.66</b>	CO 17
			min M <sub>z</sub>	4.00	-8.99	-0.04	-0.02	0.04	<b>-3.61</b>	CO 8
	1648	0.300	max N	<b>4.15</b>	-9.76	-0.04	-0.02	0.04	-2.21	CO 8
			min N	<b>-64.56</b>	0.89	0.00	0.00	-0.01	10.53	CO 17
			max V <sub>y</sub>	-23.45	<b>12.01</b>	0.00	0.01	-0.03	2.35	CO 11
			min V <sub>y</sub>	-22.25	<b>-10.39</b>	-0.04	-0.02	0.03	2.38	CO 14
			max V <sub>z</sub>	-49.86	11.38	<b>0.01</b>	0.02	-0.04	6.97	CO 13
			min V <sub>z</sub>	4.15	-9.76	<b>-0.04</b>	-0.02	0.04	-2.21	CO 8
			max M <sub>T</sub>	-49.86	11.38	0.01	<b>0.02</b>	-0.04	6.97	CO 13
			min M <sub>T</sub>	4.15	-9.76	-0.04	<b>-0.02</b>	0.04	-2.21	CO 8
			max M <sub>y</sub>	4.15	-9.76	-0.04	-0.02	<b>0.04</b>	-2.21	CO 8
			min M <sub>y</sub>	-49.86	11.38	0.01	0.02	<b>-0.04</b>	6.97	CO 13
			max M <sub>z</sub>	-64.56	0.89	0.00	0.00	-0.01	<b>10.53</b>	CO 17
			min M <sub>z</sub>	4.15	-9.76	-0.04	-0.02	0.04	<b>-2.21</b>	CO 8
	1648	0.300	Max N	<b>4.15</b>	-9.76	-0.04	-0.02	0.04	-2.21	CO 8
	517	0.000	Min N	<b>-67.11</b>	0.87	0.03	0.00	-0.01	10.80	CO 17
	1648	0.300	Max V <sub>y</sub>	-23.45	<b>12.01</b>	0.00	0.01	-0.03	2.35	CO 11
	1648	0.300	Min V <sub>y</sub>	-22.25	<b>-10.39</b>	-0.04	-0.02	0.03	2.38	CO 14
	517	0.000	Max V <sub>z</sub>	-52.41	10.41	<b>0.59</b>	0.02	-0.13	10.24	CO 13
	1648	0.300	Min V <sub>z</sub>	4.15	-9.76	<b>-0.04</b>	-0.02	0.04	-2.21	CO 8
	517	0.000	Max M <sub>T</sub>	-52.41	10.41	0.59	<b>0.02</b>	-0.13	10.24	CO 13
	517	0.000	Min M <sub>T</sub>	1.60	-8.21	0.23	<b>-0.02</b>	0.01	-4.93	CO 8
		0.150	Max M <sub>y</sub>	1.76	-8.99	0.23	-0.02	<b>0.04</b>	-3.64	CO 8
	517	0.000	Min M <sub>y</sub>	-52.41	10.41	0.59	0.02	<b>-0.13</b>	10.24	CO 13
	517	0.000	Max M <sub>z</sub>	-65.08	6.43	0.37	0.01	-0.08	<b>11.60</b>	CO 19
	517	0.000	Min M <sub>z</sub>	1.60	-8.21	0.23	-0.02	0.01	<b>-4.93</b>	CO 8
2067	1856	0.000	max N	<b>9.66</b>	0.01	0.69	0.03	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-63.87</b>	0.00	15.22	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-17.20	<b>0.01</b>	7.24	0.03	0.00	0.00	CO 14
			min V <sub>y</sub>	1.60	<b>-0.01</b>	0.71	0.02	0.00	0.00	CO 9
			max V <sub>z</sub>	-63.87	0.00	<b>15.22</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	9.66	0.01	<b>0.69</b>	0.03	0.00	0.00	CO 8
			max M <sub>T</sub>	-32.73	0.01	11.34	<b>0.03</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-9.87	0.00	1.72	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-9.87	0.00	1.72	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-32.73	0.01	11.34	0.03	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-9.87	0.00	1.72	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-32.73	0.01	11.34	0.03	0.00	<b>0.00</b>	CO 12
		1.817	max N	<b>9.71</b>	0.01	-1.13	0.03	-0.40	-0.01	CO 8
			min N	<b>-62.92</b>	0.00	-21.74	0.00	-5.99	0.00	CO 17
			max V <sub>y</sub>	-16.73	<b>0.01</b>	-10.48	0.03	-2.96	-0.01	CO 14
			min V <sub>y</sub>	-13.67	<b>-0.01</b>	-6.96	0.02	-1.97	0.01	CO 11
			max V <sub>z</sub>	1.65	-0.01	<b>-1.12</b>	0.02	-0.37	0.02	CO 9
			min V <sub>z</sub>	-62.92	0.00	<b>-21.74</b>	0.00	-5.99	0.00	CO 17
			max M <sub>T</sub>	-32.01	0.01	-16.35	<b>0.03</b>	-4.58	-0.01	CO 12
			min M <sub>T</sub>	-9.75	0.00	-2.47	<b>0.00</b>	-0.69	0.00	CO 1
			max M <sub>y</sub>	1.65	-0.01	-1.12	0.02	<b>-0.37</b>	0.02	CO 9
			min M <sub>y</sub>	-62.92	0.00	-21.74	0.00	<b>-5.99</b>	0.00	CO 17
			max M <sub>z</sub>	1.65	-0.01	-1.12	0.02	-0.37	<b>0.02</b>	CO 9
			min M <sub>z</sub>	-16.73	0.01	-10.48	0.03	-2.96	<b>-0.01</b>	CO 14
			max N	<b>-2.79</b>	0.10	3.32	0.00	-0.70	-0.02	CO 8
			min N	<b>-126.61</b>	0.01	26.14	0.00	-5.84	0.00	CO 17
			max V <sub>y</sub>	-86.70	<b>0.10</b>	20.52	0.00	-4.66	-0.02	CO 12
			min V <sub>y</sub>	-4.47	<b>-0.01</b>	3.13	0.01	-0.51	0.02	CO 9
			max V <sub>z</sub>	-126.61	0.01	<b>26.14</b>	0.00	-5.84	0.00	CO 17
			min V <sub>z</sub>	-4.47	-0.01	<b>3.13</b>	0.01	-0.51	0.02	CO 9
			max M <sub>T</sub>	-88.40	0.01	20.34	<b>0.01</b>	-4.47	0.01	CO 13
			min M <sub>T</sub>	-20.04	0.00	4.33	<b>0.00</b>	-0.81	0.00	CO 1
			max M <sub>y</sub>	-4.47	-0.01	3.13	0.01	<b>-0.51</b>	0.02	CO 9
			min M <sub>y</sub>	-126.61	0.01	26.14	0.00	<b>-5.84</b>	0.00	CO 17
			max M <sub>z</sub>	-4.47	-0.01	3.13	0.01	-0.51	<b>0.02</b>	CO 9
			min M <sub>z</sub>	-86.70	0.10	20.52	0.00	-4.66	<b>-0.02</b>	CO 12
		2.067	max N	<b>-2.78</b>	0.10	3.07	0.00	0.09	-0.04	CO 8
			min N	<b>-126.46</b>	0.01	21.14	0.00	0.07	-0.01	CO 17
			max V <sub>y</sub>	-86.60	<b>0.10</b>	16.76	0.00	0.00	-0.05	CO 12
			min V <sub>y</sub>	-4.46	<b>-0.01</b>	2.88	0.01	0.24	0.02	CO 9
			max V <sub>z</sub>	-126.46	0.01	<b>21.14</b>	0.00	0.07	-0.01	CO 17
			min V <sub>z</sub>	-4.46	-0.01	<b>2.88</b>	0.01	0.24	0.02	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-88.29	0.01	16.57	<b>0.01</b>	0.14	0.01	CO 13
			min M <sub>T</sub>	-20.03	0.00	3.76	<b>0.00</b>	0.20	0.00	CO 1
			max M <sub>y</sub>	-4.46	-0.01	2.88	0.01	<b>0.24</b>	0.02	CO 9
			min M <sub>y</sub>	-86.60	0.10	16.76	0.00	<b>0.00</b>	-0.05	CO 12
			max M <sub>z</sub>	-4.46	-0.01	2.88	0.01	0.24	<b>0.02</b>	CO 9
			min M <sub>z</sub>	-86.60	0.10	16.76	0.00	0.00	<b>-0.05</b>	CO 12
			max N	<b>-2.72</b>	-0.23	0.82	0.00	0.10	-0.04	CO 8
			min N	<b>-126.25</b>	-0.04	13.44	0.00	0.07	-0.01	CO 17
			max V <sub>y</sub>	-4.40	<b>0.02</b>	0.64	0.01	0.23	0.02	CO 9
			min V <sub>y</sub>	-86.41	<b>-0.26</b>	10.22	0.00	0.00	-0.05	CO 12
			max V <sub>z</sub>	-126.25	-0.04	<b>13.44</b>	0.00	0.07	-0.01	CO 17
			min V <sub>z</sub>	-4.40	0.02	<b>0.64</b>	0.01	0.23	0.02	CO 9
			max M <sub>T</sub>	-88.10	0.00	10.04	<b>0.01</b>	0.14	0.01	CO 13
			min M <sub>T</sub>	-19.96	-0.01	1.51	<b>0.00</b>	0.20	0.00	CO 1
			max M <sub>y</sub>	-4.40	0.02	0.64	0.01	<b>0.23</b>	0.02	CO 9
			min M <sub>y</sub>	-86.41	-0.26	10.22	0.00	<b>0.00</b>	-0.05	CO 12
			max M <sub>z</sub>	-4.40	0.02	0.64	0.01	0.23	<b>0.02</b>	CO 9
			min M <sub>z</sub>	-86.41	-0.26	10.22	0.00	0.00	<b>-0.05</b>	CO 12
		3.385	max N	<b>-2.68</b>	-0.23	-0.50	0.00	0.31	0.26	CO 8
			min N	<b>-125.51</b>	-0.04	-13.54	0.00	0.01	0.04	CO 17
			max V <sub>y</sub>	-4.36	<b>0.02</b>	-0.69	0.01	0.20	-0.01	CO 9
			min V <sub>y</sub>	-85.86	<b>-0.25</b>	-9.96	0.00	0.17	0.29	CO 12
			max V <sub>z</sub>	-2.68	-0.23	<b>-0.50</b>	0.00	0.31	0.26	CO 8
			min V <sub>z</sub>	-125.51	-0.04	<b>-13.54</b>	0.00	0.01	0.04	CO 17
			max M <sub>T</sub>	-87.55	-0.01	-10.15	<b>0.01</b>	0.06	0.02	CO 13
			min M <sub>T</sub>	-19.88	-0.01	-1.53	<b>0.00</b>	0.18	0.01	CO 1
			max M <sub>y</sub>	-2.68	-0.23	-0.50	0.00	<b>0.31</b>	0.26	CO 8
			min M <sub>y</sub>	-125.51	-0.04	-13.54	0.00	<b>0.01</b>	0.04	CO 17
			max M <sub>z</sub>	-85.86	-0.25	-9.96	0.00	0.17	<b>0.29</b>	CO 12
			min M <sub>z</sub>	-4.36	0.02	-0.69	0.01	0.20	<b>-0.01</b>	CO 9
			max N	<b>-2.62</b>	0.37	-2.75	0.00	0.31	0.26	CO 8
			min N	<b>-125.30</b>	0.05	-21.24	0.00	0.01	0.04	CO 17
			max V <sub>y</sub>	-85.68	<b>0.41</b>	-16.50	0.00	0.17	0.29	CO 12
			min V <sub>y</sub>	-19.82	<b>0.01</b>	-3.78	0.00	0.18	0.01	CO 1
			max V <sub>z</sub>	-2.62	0.37	<b>-2.75</b>	0.00	0.31	0.26	CO 8
			min V <sub>z</sub>	-125.30	0.05	<b>-21.24</b>	0.00	0.01	0.04	CO 17
			max M <sub>T</sub>	-87.37	0.04	-16.69	<b>0.01</b>	0.06	0.02	CO 13
			min M <sub>T</sub>	-19.82	0.01	-3.78	<b>0.00</b>	0.18	0.01	CO 1
			max M <sub>y</sub>	-2.62	0.37	-2.75	0.00	<b>0.31</b>	0.26	CO 8
			min M <sub>y</sub>	-125.30	0.05	-21.24	0.00	<b>0.01</b>	0.04	CO 17
			max M <sub>z</sub>	-85.68	0.41	-16.50	0.00	0.17	<b>0.29</b>	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-4.30	0.01	-2.93	0.01	0.20	<b>-0.01</b>	CO 9
		3.635	max N	<b>-2.61</b>	0.37	-3.00	0.00	-0.41	0.17	CO 8
			min N	<b>-125.16</b>	0.05	-26.24	0.00	-5.93	0.03	CO 17
			max V <sub>y</sub>	-85.58	<b>0.41</b>	-20.26	0.00	-4.42	0.19	CO 12
			min V <sub>y</sub>	-19.80	<b>0.01</b>	-4.35	0.00	-0.83	0.01	CO 1
			max V <sub>z</sub>	-2.61	0.37	<b>-3.00</b>	0.00	-0.41	0.17	CO 8
			min V <sub>z</sub>	-125.16	0.05	<b>-26.24</b>	0.00	-5.93	0.03	CO 17
			max M <sub>T</sub>	-87.27	0.04	-20.45	<b>0.01</b>	-4.58	0.01	CO 13
			min M <sub>T</sub>	-19.80	0.01	-4.35	<b>0.00</b>	-0.83	0.01	CO 1
			max M <sub>y</sub>	-2.61	0.37	-3.00	0.00	<b>-0.41</b>	0.17	CO 8
			min M <sub>y</sub>	-125.16	0.05	-26.24	0.00	<b>-5.93</b>	0.03	CO 17
			max M <sub>z</sub>	-85.58	0.41	-20.26	0.00	-4.42	<b>0.19</b>	CO 12
			min M <sub>z</sub>	-4.29	0.01	-3.18	0.01	-0.56	<b>-0.01</b>	CO 9
			max N	<b>3.54</b>	0.00	1.12	0.02	-0.37	-0.01	CO 9
			min N	<b>-58.47</b>	0.02	21.74	0.01	-6.01	0.03	CO 17
			max V <sub>y</sub>	-39.77	<b>0.10</b>	16.34	0.10	-4.56	0.18	CO 12
			min V <sub>y</sub>	3.54	<b>0.00</b>	1.12	0.02	-0.37	-0.01	CO 9
			max V <sub>z</sub>	-58.47	0.02	<b>21.74</b>	0.01	-6.01	0.03	CO 17
			min V <sub>z</sub>	-0.82	0.09	<b>1.11</b>	0.09	-0.37	0.16	CO 8
			max M <sub>T</sub>	-39.77	0.10	16.34	<b>0.10</b>	-4.56	0.18	CO 12
			min M <sub>T</sub>	-8.89	0.00	2.47	<b>0.00</b>	-0.69	0.01	CO 1
			max M <sub>y</sub>	-0.82	0.09	1.11	0.09	<b>-0.37</b>	0.16	CO 8
			min M <sub>y</sub>	-58.47	0.02	21.74	0.01	<b>-6.01</b>	0.03	CO 17
			max M <sub>z</sub>	-39.77	0.10	16.34	0.10	-4.56	<b>0.18</b>	CO 12
			min M <sub>z</sub>	3.54	0.00	1.12	0.02	-0.37	<b>-0.01</b>	CO 9
	1857	5.452	max N	<b>3.59</b>	0.00	-0.71	0.02	0.00	0.00	CO 9
			min N	<b>-57.38</b>	0.02	-15.20	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-38.97	<b>0.10</b>	-11.36	0.11	0.00	0.00	CO 12
			min V <sub>y</sub>	3.59	<b>0.00</b>	-0.71	0.02	0.00	0.00	CO 9
			max V <sub>z</sub>	3.59	0.00	<b>-0.71</b>	0.02	0.00	0.00	CO 9
			min V <sub>z</sub>	-57.38	0.02	<b>-15.20</b>	0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-38.97	0.10	-11.36	<b>0.11</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-8.77	0.00	-1.72	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-8.77	0.00	-1.72	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-38.97	0.10	-11.36	0.11	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-38.97	0.10	-11.36	0.11	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-8.77	0.00	-1.72	0.00	0.00	<b>0.00</b>	CO 1
		1.817	Max N	<b>9.71</b>	0.01	-1.13	0.03	-0.40	-0.01	CO 8
		1.817	Min N	<b>-126.61</b>	0.01	26.14	0.00	-5.84	0.00	CO 17
		3.635	Max V <sub>y</sub>	-85.58	<b>0.41</b>	-20.26	0.00	-4.42	0.19	CO 12
		2.331	Min V <sub>y</sub>	-86.31	<b>-0.26</b>	6.20	0.00	2.17	0.02	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.817	Max V <sub>z</sub>	-126.61	0.01	<b>26.14</b>	0.00	-5.84	0.00	CO 17
		3.635	Min V <sub>z</sub>	-125.16	0.05	<b>-26.24</b>	0.00	-5.93	0.03	CO 17
		4.673	Max M <sub>T</sub>	-39.33	0.10	0.53	<b>0.11</b>	4.22	0.08	CO 12
		3.635	Min M <sub>T</sub>	-19.80	0.01	-4.35	<b>0.00</b>	-0.83	0.01	CO 1
		4.673	Max M <sub>y</sub>	-57.87	0.02	0.67	0.01	<b>5.67</b>	0.01	CO 17
		3.635	Min M <sub>y</sub>	-58.47	0.02	21.74	0.01	<b>-6.01</b>	0.03	CO 17
		3.385	Max M <sub>z</sub>	-85.68	0.41	-16.50	0.00	0.17	<b>0.29</b>	CO 12
		2.067	Min M <sub>z</sub>	-86.41	-0.26	10.22	0.00	0.00	<b>-0.05</b>	CO 12
2068	1855	0.000	max N	<b>-0.73</b>	0.01	0.77	0.00	0.00	0.00	CO 9
			min N	<b>-27.96</b>	0.01	15.21	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-20.76	<b>0.07</b>	11.43	-0.07	0.00	0.00	CO 12
			min V <sub>y</sub>	-3.41	<b>0.00</b>	1.74	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-27.96	0.01	<b>15.21</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-0.73	0.01	<b>0.77</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-3.41	0.00	1.74	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-20.76	0.07	11.43	<b>-0.07</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-7.80	0.02	4.86	0.00	<b>0.00</b>	0.00	CO 11
			min M <sub>y</sub>	-8.56	0.07	4.87	-0.07	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	-20.76	0.07	11.43	-0.07	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-3.41	0.00	1.74	0.00	0.00	<b>0.00</b>	CO 1
		1.817	max N	<b>-0.67</b>	0.01	-1.06	0.00	-0.27	-0.02	CO 9
			min N	<b>-26.99</b>	0.01	-21.65	0.00	-5.87	-0.01	CO 17
			max V <sub>y</sub>	-20.04	<b>0.07</b>	-16.23	-0.07	-4.38	-0.12	CO 12
			min V <sub>y</sub>	-3.30	<b>0.00</b>	-2.45	0.00	-0.64	0.00	CO 1
			max V <sub>z</sub>	-1.48	0.06	<b>-1.05</b>	-0.07	-0.25	-0.12	CO 8
			min V <sub>z</sub>	-26.99	0.01	<b>-21.65</b>	0.00	-5.87	-0.01	CO 17
			max M <sub>T</sub>	-3.30	0.00	-2.45	<b>0.00</b>	-0.64	0.00	CO 1
			min M <sub>T</sub>	-20.04	0.07	-16.23	<b>-0.07</b>	-4.38	-0.12	CO 12
			max M <sub>y</sub>	-1.48	0.06	-1.05	-0.07	<b>-0.25</b>	-0.12	CO 8
			min M <sub>y</sub>	-26.99	0.01	-21.65	0.00	<b>-5.87</b>	-0.01	CO 17
			max M <sub>z</sub>	-3.30	0.00	-2.45	0.00	-0.64	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-20.04	0.07	-16.23	-0.07	-4.38	<b>-0.12</b>	CO 12
			max N	<b>-4.47</b>	0.00	0.91	0.00	-0.23	-0.01	CO 9
			min N	<b>-80.94</b>	-0.04	17.81	-0.01	-4.85	-0.05	CO 18
			max V <sub>y</sub>	-59.81	<b>0.01</b>	13.82	0.00	-3.72	-0.02	CO 13
			min V <sub>y</sub>	-11.16	<b>-0.06</b>	1.09	-0.02	-0.36	-0.07	CO 8
			max V <sub>z</sub>	-80.53	0.00	<b>18.42</b>	0.00	-4.96	-0.01	CO 17
			min V <sub>z</sub>	-4.47	0.00	<b>0.91</b>	0.00	-0.23	-0.01	CO 9
			max M <sub>T</sub>	-59.63	0.00	13.44	<b>0.00</b>	-3.61	-0.01	CO 16
			min M <sub>T</sub>	-11.16	-0.06	1.09	<b>-0.02</b>	-0.36	-0.07	CO 8
			max M <sub>y</sub>	-4.47	0.00	0.91	0.00	<b>-0.23</b>	-0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-80.53	0.00	18.42	0.00	<b>-4.96</b>	-0.01	CO 17
			max M <sub>z</sub>	-10.51	0.00	2.09	0.00	-0.54	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-66.48	-0.06	14.00	-0.02	-3.85	<b>-0.07</b>	CO 12
		3.635	max N	<b>-4.42</b>	0.00	-0.92	0.00	-0.23	-0.01	CO 9
			min N	<b>-79.96</b>	-0.04	-17.60	-0.01	-4.66	0.02	CO 18
			max V <sub>y</sub>	-4.42	<b>0.00</b>	-0.92	0.00	-0.23	-0.01	CO 9
			min V <sub>y</sub>	-65.72	<b>-0.06</b>	-13.65	-0.02	-3.53	0.04	CO 12
			max V <sub>z</sub>	-11.11	-0.06	<b>-0.74</b>	-0.02	-0.04	0.05	CO 8
			min V <sub>z</sub>	-79.51	0.00	<b>-18.42</b>	0.00	-4.96	-0.01	CO 17
			max M <sub>T</sub>	-58.89	0.00	-13.45	<b>0.00</b>	-3.61	-0.01	CO 16
			min M <sub>T</sub>	-11.11	-0.06	-0.74	<b>-0.02</b>	-0.04	0.05	CO 8
			max M <sub>y</sub>	-11.11	-0.06	-0.74	-0.02	<b>-0.04</b>	0.05	CO 8
			min M <sub>y</sub>	-79.51	0.00	-18.42	0.00	<b>-4.96</b>	-0.01	CO 17
			max M <sub>z</sub>	-11.11	-0.06	-0.74	-0.02	-0.04	<b>0.05</b>	CO 8
			min M <sub>z</sub>	-59.05	-0.01	-13.83	0.00	-3.72	<b>-0.02</b>	CO 13
			max N	<b>-0.40</b>	-0.01	1.06	0.00	-0.27	-0.02	CO 9
			min N	<b>-32.02</b>	0.02	20.80	-0.04	-5.63	0.04	CO 18
			max V <sub>y</sub>	-13.05	<b>0.05</b>	1.03	-0.06	-0.21	0.09	CO 8
			min V <sub>y</sub>	-18.41	<b>-0.01</b>	16.24	0.00	-4.41	-0.03	CO 13
			max V <sub>z</sub>	-26.03	-0.01	<b>21.65</b>	0.00	-5.88	-0.01	CO 17
			min V <sub>z</sub>	-13.05	0.05	<b>1.03</b>	-0.06	-0.21	0.09	CO 8
			max M <sub>T</sub>	-0.40	-0.01	1.06	<b>0.00</b>	-0.27	-0.02	CO 9
			min M <sub>T</sub>	-13.05	0.05	1.03	<b>-0.06</b>	-0.21	0.09	CO 8
			max M <sub>y</sub>	-13.05	0.05	1.03	-0.06	<b>-0.21</b>	0.09	CO 8
			min M <sub>y</sub>	-26.03	-0.01	21.65	0.00	<b>-5.88</b>	-0.01	CO 17
			max M <sub>z</sub>	-13.05	0.05	1.03	-0.06	-0.21	<b>0.09</b>	CO 8
			min M <sub>z</sub>	-18.41	-0.01	16.24	0.00	-4.41	<b>-0.03</b>	CO 13
	1858	5.452	max N	<b>-0.35</b>	-0.01	-0.77	0.00	0.00	0.00	CO 9
			min N	<b>-30.99</b>	0.02	-14.65	-0.04	0.00	0.00	CO 18
			max V <sub>y</sub>	-13.00	<b>0.05</b>	-0.80	-0.06	0.00	0.00	CO 8
			min V <sub>y</sub>	-17.61	<b>-0.02</b>	-11.41	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	-0.35	-0.01	<b>-0.77</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-24.95	-0.01	<b>-15.20</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.35	-0.01	-0.77	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-13.00	0.05	-0.80	<b>-0.06</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-17.61	-0.02	-11.41	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-30.31	0.05	-11.45	-0.06	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-17.61	-0.02	-11.41	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-30.31	0.05	-11.45	-0.06	0.00	<b>0.00</b>	CO 12
	1858	5.452	Max N	<b>-0.35</b>	-0.01	-0.77	0.00	0.00	0.00	CO 9
		1.817	Min N	<b>-80.94</b>	-0.04	17.81	-0.01	-4.85	-0.05	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1855	0.000	Max V <sub>y</sub>	-20.76	<b>0.07</b>	11.43	-0.07	0.00	0.00	CO 12
		3.116	Min V <sub>y</sub>	-65.93	<b>-0.07</b>	-5.77	-0.03	1.52	0.01	CO 12
		3.635	Max V <sub>z</sub>	-26.03	-0.01	<b>21.65</b>	0.00	-5.88	-0.01	CO 17
		1.817	Min V <sub>z</sub>	-26.99	0.01	<b>-21.65</b>	0.00	-5.87	-0.01	CO 17
		3.635	Max M <sub>T</sub>	-0.40	-0.01	1.06	<b>0.00</b>	-0.27	-0.02	CO 9
		0.682	Min M <sub>T</sub>	-20.51	0.07	1.05	<b>-0.07</b>	4.25	-0.05	CO 12
		4.673	Max M <sub>y</sub>	-25.44	-0.01	0.60	0.00	<b>5.69</b>	-0.01	CO 17
		3.635	Min M <sub>y</sub>	-26.03	-0.01	21.65	0.00	<b>-5.88</b>	-0.01	CO 17
		3.635	Max M <sub>z</sub>	-13.05	0.05	1.03	-0.06	-0.21	<b>0.09</b>	CO 8
		1.817	Min M <sub>z</sub>	-20.04	0.07	-16.23	-0.07	-4.38	<b>-0.12</b>	CO 12
2069	1860	0.000	max N	<b>3.32</b>	0.00	0.71	-0.03	0.00	0.00	CO 9
			min N	<b>-61.01</b>	-0.02	15.21	-0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-5.64	<b>0.05</b>	-1.66	0.08	0.00	0.00	CO 8
			min V <sub>y</sub>	-61.01	<b>-0.02</b>	15.21	-0.01	0.00	0.00	CO 17
			max V <sub>z</sub>	-61.01	-0.02	<b>15.21</b>	-0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	-5.64	0.05	<b>-1.66</b>	0.08	0.00	0.00	CO 8
			max M <sub>T</sub>	-5.64	0.05	-1.66	<b>0.08</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-37.25	0.00	11.35	<b>-0.03</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-9.32	0.00	1.72	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-5.64	0.05	-1.66	0.08	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-37.25	0.00	11.35	-0.03	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-46.19	0.04	8.99	0.07	0.00	<b>0.00</b>	CO 12
			max N	<b>3.32</b>	0.00	0.71	-0.03	0.00	0.00	CO 9
			min N	<b>-61.01</b>	-0.02	15.21	-0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-5.64	<b>0.05</b>	-1.66	0.08	0.00	0.00	CO 8
			min V <sub>y</sub>	-61.01	<b>-0.02</b>	15.21	-0.01	0.00	0.00	CO 17
			max V <sub>z</sub>	-61.01	-0.02	<b>15.21</b>	-0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	-5.64	0.05	<b>-1.66</b>	0.08	0.00	0.00	CO 8
			max M <sub>T</sub>	-5.64	0.05	-1.66	<b>0.08</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-37.25	0.00	11.35	<b>-0.03</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-61.01	-0.02	15.21	-0.01	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-5.64	0.05	-1.66	0.08	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-37.25	0.00	11.35	-0.03	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-46.19	0.04	8.99	0.07	0.00	<b>0.00</b>	CO 12
		1.817	max N	<b>3.37</b>	0.00	-1.12	-0.03	-0.38	0.00	CO 9
			min N	<b>-60.06</b>	-0.02	-21.74	-0.01	-6.00	0.03	CO 17
			max V <sub>y</sub>	-5.76	<b>0.05</b>	2.37	0.08	0.65	-0.09	CO 8
			min V <sub>y</sub>	-60.06	<b>-0.02</b>	-21.74	-0.01	-6.00	0.03	CO 17
			max V <sub>z</sub>	-5.76	0.05	<b>2.37</b>	0.08	0.65	-0.09	CO 8
			min V <sub>z</sub>	-60.06	-0.02	<b>-21.74</b>	-0.01	-6.00	0.03	CO 17
			max M <sub>T</sub>	-5.76	0.05	2.37	<b>0.08</b>	0.65	-0.09	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-36.52	-0.01	-16.34	<b>-0.03</b>	-4.56	0.01	CO 13
			max M <sub>y</sub>	-5.76	0.05	2.37	0.08	<b>0.65</b>	-0.09	CO 8
			min M <sub>y</sub>	-60.06	-0.02	-21.74	-0.01	<b>-6.00</b>	0.03	CO 17
			max M <sub>z</sub>	-60.06	-0.02	-21.74	-0.01	-6.00	<b>0.03</b>	CO 17
			min M <sub>z</sub>	-5.76	0.05	2.37	0.08	0.65	<b>-0.09</b>	CO 8
			max N	<b>-4.30</b>	-0.03	3.18	-0.02	-0.56	-0.01	CO 9
			min N	<b>-126.82</b>	-0.05	26.23	0.00	-5.92	0.03	CO 17
			max V <sub>y</sub>	-9.65	<b>0.29</b>	0.42	0.00	0.15	-0.11	CO 8
			min V <sub>y</sub>	-117.31	<b>-0.06</b>	25.52	-0.01	-5.75	0.02	CO 19
			max V <sub>z</sub>	-126.82	-0.05	<b>26.23</b>	0.00	-5.92	0.03	CO 17
			min V <sub>z</sub>	-9.65	0.29	<b>0.42</b>	0.00	0.15	-0.11	CO 8
			max M <sub>T</sub>	-9.65	0.29	0.42	<b>0.00</b>	0.15	-0.11	CO 8
			min M <sub>T</sub>	-88.36	-0.06	20.44	<b>-0.02</b>	-4.57	0.01	CO 13
			max M <sub>y</sub>	-9.65	0.29	0.42	0.00	<b>0.15</b>	-0.11	CO 8
			min M <sub>y</sub>	-126.82	-0.05	26.23	0.00	<b>-5.92</b>	0.03	CO 17
			max M <sub>z</sub>	-126.82	-0.05	26.23	0.00	-5.92	<b>0.03</b>	CO 17
			min M <sub>z</sub>	-9.65	0.29	0.42	0.00	0.15	<b>-0.11</b>	CO 8
		2.067	max N	<b>-4.29</b>	-0.03	2.93	-0.02	0.20	0.00	CO 9
			min N	<b>-126.67</b>	-0.05	21.24	0.00	0.01	0.04	CO 17
			max V <sub>y</sub>	-9.66	<b>0.29</b>	0.98	0.00	0.32	-0.19	CO 8
			min V <sub>y</sub>	-117.17	<b>-0.06</b>	20.71	-0.01	0.03	0.03	CO 19
			max V <sub>z</sub>	-126.67	-0.05	<b>21.24</b>	0.00	0.01	0.04	CO 17
			min V <sub>z</sub>	-9.66	0.29	<b>0.98</b>	0.00	0.32	-0.19	CO 8
			max M <sub>T</sub>	-9.66	0.29	0.98	<b>0.00</b>	0.32	-0.19	CO 8
			min M <sub>T</sub>	-88.26	-0.06	16.68	<b>-0.02</b>	0.07	0.02	CO 13
			max M <sub>y</sub>	-9.66	0.29	0.98	0.00	<b>0.32</b>	-0.19	CO 8
			min M <sub>y</sub>	-126.67	-0.05	21.24	0.00	<b>0.01</b>	0.04	CO 17
			max M <sub>z</sub>	-126.67	-0.05	21.24	0.00	0.01	<b>0.04</b>	CO 17
			min M <sub>z</sub>	-9.66	0.29	0.98	0.00	0.32	<b>-0.19</b>	CO 8
			max N	<b>-4.23</b>	-0.01	0.68	-0.02	0.20	0.00	CO 9
			min N	<b>-126.45</b>	0.03	13.53	0.00	0.01	0.04	CO 17
			max V <sub>y</sub>	-126.45	<b>0.03</b>	13.53	0.00	0.01	0.04	CO 17
			min V <sub>y</sub>	-9.60	<b>-0.20</b>	-1.27	0.00	0.32	-0.19	CO 8
			max V <sub>z</sub>	-126.45	0.03	<b>13.53</b>	0.00	0.01	0.04	CO 17
			min V <sub>z</sub>	-9.60	-0.20	<b>-1.27</b>	0.00	0.32	-0.19	CO 8
			max M <sub>T</sub>	-9.60	-0.20	-1.27	<b>0.00</b>	0.32	-0.19	CO 8
			min M <sub>T</sub>	-88.07	0.02	10.15	<b>-0.02</b>	0.07	0.02	CO 13
			max M <sub>y</sub>	-9.60	-0.20	-1.27	0.00	<b>0.32</b>	-0.19	CO 8
			min M <sub>y</sub>	-126.45	0.03	13.53	0.00	<b>0.01</b>	0.04	CO 17
			max M <sub>z</sub>	-126.45	0.03	13.53	0.00	0.01	<b>0.04</b>	CO 17
			min M <sub>z</sub>	-9.60	-0.20	-1.27	0.00	0.32	<b>-0.19</b>	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		3.385	max N	<b>-4.19</b>	-0.01	-0.64	-0.02	0.23	0.01	CO 9
			min N	<b>-125.71</b>	0.03	-13.44	0.00	0.07	0.00	CO 17
			max V <sub>y</sub>	-125.71	<b>0.03</b>	-13.44	0.00	0.07	0.00	CO 17
			min V <sub>y</sub>	-9.68	<b>-0.20</b>	1.66	0.00	0.57	0.07	CO 8
			max V <sub>z</sub>	-9.68	-0.20	<b>1.66</b>	0.00	0.57	0.07	CO 8
			min V <sub>z</sub>	-125.71	0.03	<b>-13.44</b>	0.00	0.07	0.00	CO 17
			max M <sub>T</sub>	-9.68	-0.20	1.66	<b>0.00</b>	0.57	0.07	CO 8
			min M <sub>T</sub>	-87.52	0.01	-10.04	<b>-0.02</b>	0.13	0.00	CO 13
			max M <sub>y</sub>	-9.68	-0.20	1.66	0.00	<b>0.57</b>	0.07	CO 8
			min M <sub>y</sub>	-125.71	0.03	-13.44	0.00	<b>0.07</b>	0.00	CO 17
			max M <sub>z</sub>	-40.72	-0.19	-1.94	0.00	0.53	<b>0.07</b>	CO 10
			min M <sub>z</sub>	-125.71	0.03	-13.44	0.00	0.07	<b>0.00</b>	CO 17
			max N	<b>-4.13</b>	-0.01	-2.89	-0.02	0.23	0.01	CO 9
			min N	<b>-125.51</b>	-0.01	-21.15	0.00	0.07	0.00	CO 17
			max V <sub>y</sub>	-9.62	<b>0.11</b>	-0.59	0.00	0.58	0.07	CO 8
			min V <sub>y</sub>	-87.34	<b>-0.02</b>	-16.58	-0.02	0.14	0.00	CO 13
			max V <sub>z</sub>	-9.62	0.11	<b>-0.59</b>	0.00	0.58	0.07	CO 8
			min V <sub>z</sub>	-125.51	-0.01	<b>-21.15</b>	0.00	0.07	0.00	CO 17
			max M <sub>T</sub>	-9.62	0.11	-0.59	<b>0.00</b>	0.58	0.07	CO 8
			min M <sub>T</sub>	-87.34	-0.02	-16.58	<b>-0.02</b>	0.14	0.00	CO 13
			max M <sub>y</sub>	-9.62	0.11	-0.59	0.00	<b>0.58</b>	0.07	CO 8
			min M <sub>y</sub>	-125.51	-0.01	-21.15	0.00	<b>0.07</b>	0.00	CO 17
			max M <sub>z</sub>	-40.61	0.11	-5.74	0.00	0.54	<b>0.07</b>	CO 10
			min M <sub>z</sub>	-125.51	-0.01	-21.15	0.00	0.07	<b>0.00</b>	CO 17
		3.635	max N	<b>-4.13</b>	-0.01	-3.14	-0.02	-0.52	0.01	CO 9
			min N	<b>-125.37</b>	-0.01	-26.15	0.00	-5.84	0.00	CO 17
			max V <sub>y</sub>	-9.64	<b>0.11</b>	-0.04	0.00	0.50	0.04	CO 8
			min V <sub>y</sub>	-87.24	<b>-0.02</b>	-20.34	-0.02	-4.47	0.00	CO 13
			max V <sub>z</sub>	-9.64	0.11	<b>-0.04</b>	0.00	0.50	0.04	CO 8
			min V <sub>z</sub>	-125.37	-0.01	<b>-26.15</b>	0.00	-5.84	0.00	CO 17
			max M <sub>T</sub>	-9.64	0.11	-0.04	<b>0.00</b>	0.50	0.04	CO 8
			min M <sub>T</sub>	-87.24	-0.02	-20.34	<b>-0.02</b>	-4.47	0.00	CO 13
			max M <sub>y</sub>	-9.64	0.11	-0.04	0.00	<b>0.50</b>	0.04	CO 8
			min M <sub>y</sub>	-125.37	-0.01	-26.15	0.00	<b>-5.84</b>	0.00	CO 17
			max M <sub>z</sub>	-40.59	0.11	-6.55	0.00	-1.00	<b>0.04</b>	CO 10
			min M <sub>z</sub>	-94.45	-0.01	-19.60	0.00	-4.32	<b>0.00</b>	CO 16
			max N	<b>2.06</b>	0.01	1.12	-0.02	-0.37	0.01	CO 9
			min N	<b>-65.15</b>	0.01	18.53	0.01	-5.08	0.02	CO 18
			max V <sub>y</sub>	-30.28	<b>0.02</b>	2.98	0.03	-0.77	0.04	CO 10
			min V <sub>y</sub>	-46.61	<b>0.00</b>	15.87	0.00	-4.37	0.00	CO 16
			max V <sub>z</sub>	-61.75	0.00	<b>21.74</b>	0.00	-6.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-15.10	0.02	<b>-2.87</b>	0.03	0.84	0.04	CO 8
			max M <sub>T</sub>	-15.10	0.02	-2.87	<b>0.03</b>	0.84	0.04	CO 8
			min M <sub>T</sub>	-39.00	0.00	16.34	<b>-0.03</b>	-4.56	0.00	CO 13
			max M <sub>y</sub>	-15.10	0.02	-2.87	0.03	<b>0.84</b>	0.04	CO 8
			min M <sub>y</sub>	-61.75	0.00	21.74	0.00	<b>-6.00</b>	0.00	CO 17
			max M <sub>z</sub>	-30.28	0.02	2.98	0.03	-0.77	<b>0.04</b>	CO 10
			min M <sub>z</sub>	-46.61	0.00	15.87	0.00	-4.37	<b>0.00</b>	CO 16
		3.950	max N	<b>2.07</b>	0.01	0.80	-0.02	-0.07	0.01	CO 9
			min N	<b>-64.99</b>	0.01	13.04	0.01	-0.10	0.02	CO 18
			max V <sub>y</sub>	-30.26	<b>0.02</b>	1.96	0.03	0.01	0.03	CO 10
			min V <sub>y</sub>	-46.48	<b>0.00</b>	11.23	0.00	-0.10	0.00	CO 16
			max V <sub>z</sub>	-61.56	0.00	<b>15.40</b>	0.00	-0.14	0.00	CO 17
			min V <sub>z</sub>	-15.12	0.02	<b>-2.17</b>	0.03	0.04	0.03	CO 8
			max M <sub>T</sub>	-15.12	0.02	-2.17	<b>0.03</b>	0.04	0.03	CO 8
			min M <sub>T</sub>	-38.86	0.00	11.57	<b>-0.03</b>	-0.16	0.00	CO 13
			max M <sub>y</sub>	-15.12	0.02	-2.17	0.03	<b>0.04</b>	0.03	CO 8
			min M <sub>y</sub>	-54.58	0.00	14.81	-0.02	<b>-0.17</b>	0.00	CO 19
			max M <sub>z</sub>	-30.26	0.02	1.96	0.03	0.01	<b>0.03</b>	CO 10
			min M <sub>z</sub>	-54.58	0.00	14.81	-0.02	-0.17	<b>0.00</b>	CO 19
			max N	<b>2.07</b>	0.01	0.80	-0.02	-0.07	0.01	CO 9
			min N	<b>-64.99</b>	0.01	13.04	0.01	-0.10	0.02	CO 18
			max V <sub>y</sub>	-30.26	<b>0.02</b>	1.96	0.03	0.01	0.03	CO 10
			min V <sub>y</sub>	-46.48	<b>0.00</b>	11.23	0.00	-0.10	0.00	CO 16
			max V <sub>z</sub>	-61.56	0.00	<b>15.40</b>	0.00	-0.14	0.00	CO 17
			min V <sub>z</sub>	-15.12	0.02	<b>-2.17</b>	0.03	0.04	0.03	CO 8
			max M <sub>T</sub>	-15.12	0.02	-2.17	<b>0.03</b>	0.04	0.03	CO 8
			min M <sub>T</sub>	-38.86	0.00	11.57	<b>-0.03</b>	-0.16	0.00	CO 13
			max M <sub>y</sub>	-15.12	0.02	-2.17	0.03	<b>0.04</b>	0.03	CO 8
			min M <sub>y</sub>	-54.58	0.00	14.81	-0.02	<b>-0.17</b>	0.00	CO 19
			max M <sub>z</sub>	-30.26	0.02	1.96	0.03	0.01	<b>0.03</b>	CO 10
			min M <sub>z</sub>	-54.58	0.00	14.81	-0.02	-0.17	<b>0.00</b>	CO 19
		5.452	max N	<b>2.11</b>	0.00	-0.71	-0.02	0.00	0.00	CO 9
			min N	<b>-64.23</b>	0.01	-12.91	0.01	0.00	0.00	CO 18
			max V <sub>y</sub>	-30.15	<b>0.02</b>	-1.98	0.03	0.00	0.00	CO 10
			min V <sub>y</sub>	-53.72	<b>0.00</b>	-14.59	-0.02	0.00	0.00	CO 19
			max V <sub>z</sub>	-15.24	0.02	<b>2.11</b>	0.03	0.00	0.00	CO 8
			min V <sub>z</sub>	-60.66	0.00	<b>-15.21</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-15.24	0.02	2.11	<b>0.03</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-38.19	0.00	-11.36	<b>-0.03</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-60.66	0.00	-15.21	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-15.24	0.02	2.11	0.03	<b>0.00</b>	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-55.67	0.02	-8.55	0.03	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-38.19	0.00	-11.36	-0.03	0.00	<b>0.00</b>	CO 13
	1861		max N	<b>2.11</b>	0.00	-0.71	-0.02	0.00	0.00	CO 9
			min N	<b>-64.23</b>	0.01	-12.91	0.01	0.00	0.00	CO 18
			max V <sub>y</sub>	-30.15	<b>0.02</b>	-1.98	0.03	0.00	0.00	CO 10
			min V <sub>y</sub>	-53.72	<b>0.00</b>	-14.59	-0.02	0.00	0.00	CO 19
			max V <sub>z</sub>	-15.24	0.02	<b>2.11</b>	0.03	0.00	0.00	CO 8
			min V <sub>z</sub>	-60.66	0.00	<b>-15.21</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-15.24	0.02	2.11	<b>0.03</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-38.19	0.00	-11.36	<b>-0.03</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-9.46	0.00	-1.72	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-15.24	0.02	2.11	0.03	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-55.67	0.02	-8.55	0.03	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-38.19	0.00	-11.36	-0.03	0.00	<b>0.00</b>	CO 13
		1.817	Max N	<b>3.37</b>	0.00	-1.12	-0.03	-0.38	0.00	CO 9
		1.817	Min N	<b>-126.82</b>	-0.05	26.23	0.00	-5.92	0.03	CO 17
		1.817	Max V <sub>y</sub>	-9.65	<b>0.29</b>	0.42	0.00	0.15	-0.11	CO 8
		2.858	Min V <sub>y</sub>	-9.65	<b>-0.20</b>	0.49	0.00	0.01	-0.03	CO 8
		1.817	Max V <sub>z</sub>	-126.82	-0.05	<b>26.23</b>	0.00	-5.92	0.03	CO 17
		3.635	Min V <sub>z</sub>	-125.37	-0.01	<b>-26.15</b>	0.00	-5.84	0.00	CO 17
		1.817	Max M <sub>T</sub>	-5.76	0.05	2.37	<b>0.08</b>	0.65	-0.09	CO 8
		0.682	Min M <sub>T</sub>	-36.99	0.00	0.96	<b>-0.03</b>	4.20	0.00	CO 13
		4.673	Max M <sub>y</sub>	-61.15	0.00	0.66	0.00	<b>5.68</b>	0.00	CO 17
		3.635	Min M <sub>y</sub>	-61.75	0.00	21.74	0.00	<b>-6.00</b>	0.00	CO 17
		3.385	Max M <sub>z</sub>	-40.72	-0.19	-1.94	0.00	0.53	<b>0.07</b>	CO 10
		2.067	Min M <sub>z</sub>	-9.66	0.29	0.98	0.00	0.32	<b>-0.19</b>	CO 8
2070	564	0.000	max N	<b>-17.38</b>	9.24	0.13	0.01	0.22	-7.86	CO 8
			min N	<b>-127.85</b>	-0.21	0.06	0.00	0.00	0.61	CO 17
			max V <sub>y</sub>	-48.85	<b>9.29</b>	0.14	0.01	0.22	-7.88	CO 10
			min V <sub>y</sub>	-127.85	<b>-0.21</b>	0.06	0.00	0.00	0.61	CO 17
			max V <sub>z</sub>	-99.37	-0.07	<b>1.00</b>	0.00	-0.03	-0.29	CO 13
			min V <sub>z</sub>	-24.27	-0.07	<b>0.01</b>	0.00	0.00	0.32	CO 1
			max M <sub>T</sub>	-99.32	9.27	0.17	<b>0.01</b>	0.22	-7.77	CO 12
			min M <sub>T</sub>	-17.42	0.04	0.96	<b>-0.01</b>	-0.03	-0.50	CO 9
			max M <sub>y</sub>	-48.85	9.29	0.14	0.01	<b>0.22</b>	-7.88	CO 10
			min M <sub>y</sub>	-99.37	-0.07	1.00	0.00	<b>-0.03</b>	-0.29	CO 13
			max M <sub>z</sub>	-127.85	-0.21	0.06	0.00	0.00	<b>0.61</b>	CO 17
			min M <sub>z</sub>	-48.85	9.29	0.14	0.01	0.22	<b>-7.88</b>	CO 10
		0.150	max N	<b>-17.23</b>	9.24	0.13	0.01	0.24	-9.25	CO 8
			min N	<b>-127.69</b>	-0.21	0.06	0.00	0.01	0.64	CO 17
			max V <sub>y</sub>	-48.69	<b>9.28</b>	0.14	0.01	0.24	-9.28	CO 10



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-127.69	<b>-0.21</b>	0.06	0.00	0.01	0.64	CO 17
			max V <sub>z</sub>	-99.22	-0.07	<b>1.00</b>	0.00	0.12	-0.28	CO 13
			min V <sub>z</sub>	-24.12	-0.07	<b>0.01</b>	0.00	0.01	0.33	CO 1
			max M <sub>T</sub>	-99.16	9.26	0.17	<b>0.01</b>	0.24	-9.16	CO 12
			min M <sub>T</sub>	-17.26	0.04	0.96	<b>-0.01</b>	0.12	-0.50	CO 9
			max M <sub>y</sub>	-48.69	9.28	0.14	0.01	<b>0.24</b>	-9.28	CO 10
			min M <sub>y</sub>	-24.12	-0.07	0.01	0.00	<b>0.01</b>	0.33	CO 1
			max M <sub>z</sub>	-127.69	-0.21	0.06	0.00	0.01	<b>0.64</b>	CO 17
			min M <sub>z</sub>	-48.69	9.28	0.14	0.01	0.24	<b>-9.28</b>	CO 10
			max N	<b>-10.03</b>	-3.50	0.26	0.02	0.01	-8.54	CO 8
			min N	<b>-120.58</b>	-7.86	0.04	0.00	0.00	0.66	CO 17
			max V <sub>y</sub>	-17.20	<b>-0.82</b>	0.01	0.00	0.00	0.34	CO 1
			min V <sub>y</sub>	-91.81	<b>-14.55</b>	0.06	0.00	0.01	-0.25	CO 13
			max V <sub>z</sub>	-91.82	-9.14	<b>0.29</b>	0.02	0.00	-8.44	CO 12
			min V <sub>z</sub>	-10.03	-8.86	<b>0.00</b>	0.00	0.02	-0.49	CO 9
			max M <sub>T</sub>	-91.82	-9.14	0.29	<b>0.02</b>	0.00	-8.44	CO 12
			min M <sub>T</sub>	-10.03	-8.86	0.00	<b>0.00</b>	0.02	-0.49	CO 9
			max M <sub>y</sub>	-10.03	-8.86	0.00	0.00	<b>0.02</b>	-0.49	CO 9
			min M <sub>y</sub>	-120.58	-7.86	0.04	0.00	<b>0.00</b>	0.66	CO 17
			max M <sub>z</sub>	-120.58	-7.86	0.04	0.00	0.00	<b>0.66</b>	CO 17
			min M <sub>z</sub>	-41.43	-5.93	0.28	0.02	0.01	<b>-8.56</b>	CO 10
	529	0.300	max N	<b>-9.88</b>	-3.50	0.26	0.02	0.05	-8.02	CO 8
			min N	<b>-120.43</b>	-7.85	0.04	0.00	0.00	1.84	CO 17
			max V <sub>y</sub>	-17.05	<b>-0.82</b>	0.01	0.00	0.00	0.46	CO 1
			min V <sub>y</sub>	-91.66	<b>-14.55</b>	0.06	0.00	0.02	1.93	CO 13
			max V <sub>z</sub>	-91.66	-9.15	<b>0.29</b>	0.02	0.04	-7.06	CO 12
			min V <sub>z</sub>	-9.88	-8.86	<b>0.00</b>	0.00	0.02	0.84	CO 9
			max M <sub>T</sub>	-91.66	-9.15	0.29	<b>0.02</b>	0.04	-7.06	CO 12
			min M <sub>T</sub>	-9.88	-8.86	0.00	<b>0.00</b>	0.02	0.84	CO 9
			max M <sub>y</sub>	-9.88	-3.50	0.26	0.02	<b>0.05</b>	-8.02	CO 8
			min M <sub>y</sub>	-17.05	-0.82	0.01	0.00	<b>0.00</b>	0.46	CO 1
			max M <sub>z</sub>	-116.12	-12.71	0.06	0.00	0.01	<b>2.07</b>	CO 19
			min M <sub>z</sub>	-9.88	-3.50	0.26	0.02	0.05	<b>-8.02</b>	CO 8
	529	0.300	Max N	<b>-9.88</b>	-3.50	0.26	0.02	0.05	-8.02	CO 8
	564	0.000	Min N	<b>-127.85</b>	-0.21	0.06	0.00	0.00	0.61	CO 17
	564	0.000	Max V <sub>y</sub>	-48.85	<b>9.29</b>	0.14	0.01	0.22	-7.88	CO 10
		0.150	Min V <sub>y</sub>	-91.81	<b>-14.55</b>	0.06	0.00	0.01	-0.25	CO 13
	564	0.000	Max V <sub>z</sub>	-99.37	-0.07	<b>1.00</b>	0.00	-0.03	-0.29	CO 13
	529	0.300	Min V <sub>z</sub>	-9.88	-8.86	<b>0.00</b>	0.00	0.02	0.84	CO 9
	529	0.300	Max M <sub>T</sub>	-91.66	-9.15	0.29	<b>0.02</b>	0.04	-7.06	CO 12
		0.150	Min M <sub>T</sub>	-17.26	0.04	0.96	<b>-0.01</b>	0.12	-0.50	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		0.150	Max M <sub>y</sub>	-48.69	9.28	0.14	0.01	<b>0.24</b>	-9.28	CO 10
	564	0.000	Min M <sub>y</sub>	-99.37	-0.07	1.00	0.00	<b>-0.03</b>	-0.29	CO 13
	529	0.300	Max M <sub>z</sub>	-116.12	-12.71	0.06	0.00	0.01	<b>2.07</b>	CO 19
		0.150	Min M <sub>z</sub>	-48.69	9.28	0.14	0.01	0.24	<b>-9.28</b>	CO 10
2071	565	0.000	max N	<b>-11.36</b>	-9.29	21.93	-0.02	-3.22	-4.07	CO 9
			min N	<b>-69.49</b>	-0.66	0.25	-0.01	0.05	-12.54	CO 17
			max V <sub>y</sub>	-53.21	<b>0.56</b>	0.30	0.00	0.01	-9.36	CO 16
			min V <sub>y</sub>	-27.63	<b>-10.51</b>	21.92	-0.02	-3.19	-7.26	CO 11
			max V <sub>z</sub>	-37.80	-8.44	<b>22.02</b>	-0.02	-3.21	-9.27	CO 15
			min V <sub>z</sub>	-55.93	-3.58	<b>-6.33</b>	-0.02	0.77	-8.24	CO 12
			max M <sub>T</sub>	-15.42	-0.66	0.26	<b>0.00</b>	-0.02	-1.93	CO 1
			min M <sub>T</sub>	-55.93	-3.58	-6.33	<b>-0.02</b>	0.77	-8.24	CO 12
			max M <sub>y</sub>	-55.93	-3.58	-6.33	-0.02	<b>0.77</b>	-8.24	CO 12
			min M <sub>y</sub>	-11.36	-9.29	21.93	-0.02	<b>-3.22</b>	-4.07	CO 9
			max M <sub>z</sub>	-13.18	-3.31	-6.22	-0.02	0.70	<b>0.17</b>	CO 8
			min M <sub>z</sub>	-67.04	-5.85	13.34	-0.02	-1.88	<b>-13.83</b>	CO 19
		0.150	max N	<b>-11.20</b>	-9.77	21.93	-0.02	0.07	-2.64	CO 9
			min N	<b>-69.33</b>	-0.67	0.25	-0.01	0.09	-12.44	CO 17
			max V <sub>y</sub>	-53.06	<b>0.56</b>	0.30	0.00	0.06	-9.44	CO 16
			min V <sub>y</sub>	-27.47	<b>-10.99</b>	21.92	-0.02	0.10	-5.64	CO 11
			max V <sub>z</sub>	-37.65	-8.92	<b>22.02</b>	-0.02	0.09	-7.97	CO 15
			min V <sub>z</sub>	-55.78	-4.07	<b>-6.33</b>	-0.02	-0.18	-7.67	CO 12
			max M <sub>T</sub>	-15.27	-0.66	0.26	<b>0.00</b>	0.02	-1.83	CO 1
			min M <sub>T</sub>	-55.78	-4.07	-6.33	<b>-0.02</b>	-0.18	-7.67	CO 12
			max M <sub>y</sub>	-53.91	-10.16	22.02	-0.02	<b>0.13</b>	-10.97	CO 13
			min M <sub>y</sub>	-13.03	-3.79	-6.22	-0.02	<b>-0.23</b>	0.70	CO 8
			max M <sub>z</sub>	-13.03	-3.79	-6.22	-0.02	-0.23	<b>0.70</b>	CO 8
			min M <sub>z</sub>	-66.88	-6.15	13.34	-0.02	0.12	<b>-12.93</b>	CO 19
			max N	<b>-7.22</b>	-19.70	0.02	-0.01	-0.02	-2.72	CO 9
			min N	<b>-65.15</b>	-14.94	0.00	0.00	-0.01	-12.55	CO 17
			max V <sub>y</sub>	-9.63	<b>15.68</b>	0.02	-0.03	-0.04	0.95	CO 8
			min V <sub>y</sub>	-49.66	<b>-29.64</b>	0.04	-0.02	-0.03	-11.13	CO 13
			max V <sub>z</sub>	-49.66	-29.64	<b>0.04</b>	-0.02	-0.03	-11.13	CO 13
			min V <sub>z</sub>	-48.95	-10.92	<b>0.00</b>	0.00	0.00	-9.51	CO 16
			max M <sub>T</sub>	-11.43	-2.58	0.00	<b>0.00</b>	0.00	-1.85	CO 1
			min M <sub>T</sub>	-52.16	6.10	0.02	<b>-0.03</b>	-0.05	-7.49	CO 12
			max M <sub>y</sub>	-11.43	-2.58	0.00	0.00	<b>0.00</b>	-1.85	CO 1
			min M <sub>y</sub>	-52.16	6.10	0.02	-0.03	<b>-0.05</b>	-7.49	CO 12
			max M <sub>z</sub>	-9.63	15.68	0.02	-0.03	-0.04	<b>0.95</b>	CO 8
			min M <sub>z</sub>	-62.61	-25.28	0.02	-0.01	-0.02	<b>-13.08</b>	CO 19
	1859	0.300	max N	<b>-7.06</b>	-20.18	0.02	-0.01	-0.02	0.27	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-64.99</b>	-14.95	0.00	0.00	-0.01	-10.31	CO 17
			max V <sub>y</sub>	-9.47	<b>15.19</b>	0.02	-0.03	-0.04	-1.37	CO 8
			min V <sub>y</sub>	-49.50	<b>-30.12</b>	0.03	-0.02	-0.02	-6.64	CO 13
			max V <sub>z</sub>	-49.50	-30.12	<b>0.03</b>	-0.02	-0.02	-6.64	CO 13
			min V <sub>z</sub>	-48.80	-10.92	<b>0.00</b>	0.00	0.00	-7.87	CO 16
			max M <sub>T</sub>	-11.28	-2.58	0.00	<b>0.00</b>	0.00	-1.46	CO 1
			min M <sub>T</sub>	-52.00	5.61	0.02	<b>-0.03</b>	-0.04	-8.37	CO 12
			max M <sub>y</sub>	-11.28	-2.58	0.00	0.00	<b>0.00</b>	-1.46	CO 1
			min M <sub>y</sub>	-52.00	5.61	0.02	-0.03	<b>-0.04</b>	-8.37	CO 12
			max M <sub>z</sub>	-7.06	-20.18	0.02	-0.01	-0.02	<b>0.27</b>	CO 9
			min M <sub>z</sub>	-63.97	-4.06	0.01	-0.02	-0.03	<b>-10.31</b>	CO 18
	1859	0.300	Max N	<b>-7.06</b>	-20.18	0.02	-0.01	-0.02	0.27	CO 9
	565	0.000	Min N	<b>-69.49</b>	-0.66	0.25	-0.01	0.05	-12.54	CO 17
		0.150	Max V <sub>y</sub>	-9.63	<b>15.68</b>	0.02	-0.03	-0.04	0.95	CO 8
	1859	0.300	Min V <sub>y</sub>	-49.50	<b>-30.12</b>	0.03	-0.02	-0.02	-6.64	CO 13
	565	0.000	Max V <sub>z</sub>	-37.80	-8.44	<b>22.02</b>	-0.02	-3.21	-9.27	CO 15
		0.150	Min V <sub>z</sub>	-55.78	-4.07	<b>-6.33</b>	-0.02	-0.18	-7.67	CO 12
		0.150	Max M <sub>T</sub>	-11.43	-2.58	0.00	<b>0.00</b>	0.00	-1.85	CO 1
		0.150	Min M <sub>T</sub>	-52.16	6.10	0.02	<b>-0.03</b>	-0.05	-7.49	CO 12
	565	0.000	Max M <sub>y</sub>	-55.93	-3.58	-6.33	-0.02	<b>0.77</b>	-8.24	CO 12
	565	0.000	Min M <sub>y</sub>	-11.36	-9.29	21.93	-0.02	<b>-3.22</b>	-4.07	CO 9
		0.150	Max M <sub>z</sub>	-9.63	15.68	0.02	-0.03	-0.04	<b>0.95</b>	CO 8
	565	0.000	Min M <sub>z</sub>	-67.04	-5.85	13.34	-0.02	-1.88	<b>-13.83</b>	CO 19
2072	566	0.000	max N	<b>-8.23</b>	8.73	-0.07	0.01	-0.23	-7.65	CO 8
			min N	<b>-127.87</b>	0.30	0.05	0.00	0.00	-0.71	CO 17
			max V <sub>y</sub>	-90.19	<b>9.02</b>	-0.03	0.01	-0.22	-8.04	CO 12
			min V <sub>y</sub>	-17.44	<b>-0.32</b>	0.90	0.01	-0.01	0.69	CO 9
			max V <sub>z</sub>	-99.41	-0.16	<b>0.94</b>	0.00	-0.02	0.43	CO 13
			min V <sub>z</sub>	-8.23	8.73	<b>-0.07</b>	0.01	-0.23	-7.65	CO 8
			max M <sub>T</sub>	-8.23	8.73	-0.07	<b>0.01</b>	-0.23	-7.65	CO 8
			min M <sub>T</sub>	-127.87	0.30	0.05	<b>0.00</b>	0.00	-0.71	CO 17
			max M <sub>y</sub>	-55.75	0.18	0.02	0.00	<b>0.00</b>	-0.45	CO 2
			min M <sub>y</sub>	-8.23	8.73	-0.07	0.01	<b>-0.23</b>	-7.65	CO 8
			max M <sub>z</sub>	-17.44	-0.32	0.90	0.01	-0.01	<b>0.69</b>	CO 9
			min M <sub>z</sub>	-90.19	9.02	-0.03	0.01	-0.22	<b>-8.04</b>	CO 12
		0.150	max N	<b>-8.08</b>	8.73	-0.07	0.01	-0.24	-8.96	CO 8
			min N	<b>-127.71</b>	0.30	0.05	0.00	0.01	-0.76	CO 17
			max V <sub>y</sub>	-90.03	<b>9.01</b>	-0.03	0.01	-0.23	-9.39	CO 12
			min V <sub>y</sub>	-17.29	<b>-0.32</b>	0.90	0.01	0.13	0.74	CO 9
			max V <sub>z</sub>	-99.25	-0.16	<b>0.94</b>	0.00	0.13	0.45	CO 13
			min V <sub>z</sub>	-8.08	8.73	<b>-0.07</b>	0.01	-0.24	-8.96	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-8.08	8.73	-0.07	<b>0.01</b>	-0.24	-8.96	CO 8
			min M <sub>T</sub>	-127.71	0.30	0.05	<b>0.00</b>	0.01	-0.76	CO 17
			max M <sub>y</sub>	-48.77	-0.24	0.92	0.01	<b>0.13</b>	0.64	CO 11
			min M <sub>y</sub>	-8.08	8.73	-0.07	0.01	<b>-0.24</b>	-8.96	CO 8
			max M <sub>z</sub>	-17.29	-0.32	0.90	0.01	0.13	<b>0.74</b>	CO 9
			min M <sub>z</sub>	-90.03	9.01	-0.03	0.01	-0.23	<b>-9.39</b>	CO 12
			max N	<b>-0.75</b>	-7.95	-0.20	0.01	-0.01	-8.27	CO 8
			min N	<b>-121.02</b>	7.83	0.04	0.00	0.00	-0.77	CO 17
			max V <sub>y</sub>	-92.64	<b>14.15</b>	0.06	0.01	0.01	0.41	CO 13
			min V <sub>y</sub>	-0.75	<b>-7.95</b>	-0.20	0.01	-0.01	-8.27	CO 8
			max V <sub>z</sub>	-92.64	14.15	<b>0.06</b>	0.01	0.01	0.41	CO 13
			min V <sub>z</sub>	-0.75	-7.95	<b>-0.20</b>	0.01	-0.01	-8.27	CO 8
			max M <sub>T</sub>	-10.54	8.47	0.01	<b>0.01</b>	0.02	0.71	CO 9
			min M <sub>T</sub>	-121.02	7.83	0.04	<b>0.00</b>	0.00	-0.77	CO 17
			max M <sub>y</sub>	-10.54	8.47	0.01	0.01	<b>0.02</b>	0.71	CO 9
			min M <sub>y</sub>	-0.75	-7.95	-0.20	0.01	<b>-0.01</b>	-8.27	CO 8
			max M <sub>z</sub>	-10.54	8.47	0.01	0.01	0.02	<b>0.71</b>	CO 9
			min M <sub>z</sub>	-82.83	-2.30	-0.17	0.01	-0.01	<b>-8.70</b>	CO 12
	1627	0.300	max N	<b>-0.60</b>	-7.95	-0.20	0.01	-0.04	-7.07	CO 8
			min N	<b>-120.86</b>	7.83	0.04	0.00	0.00	-1.94	CO 17
			max V <sub>y</sub>	-92.49	<b>14.15</b>	0.06	0.01	0.02	-1.72	CO 13
			min V <sub>y</sub>	-0.60	<b>-7.95</b>	-0.20	0.01	-0.04	-7.07	CO 8
			max V <sub>z</sub>	-92.49	14.15	<b>0.06</b>	0.01	0.02	-1.72	CO 13
			min V <sub>z</sub>	-0.60	-7.95	<b>-0.20</b>	0.01	-0.04	-7.07	CO 8
			max M <sub>T</sub>	-10.39	8.47	0.01	<b>0.01</b>	0.02	-0.57	CO 9
			min M <sub>T</sub>	-120.86	7.83	0.04	<b>0.00</b>	0.00	-1.94	CO 17
			max M <sub>y</sub>	-10.39	8.47	0.01	0.01	<b>0.02</b>	-0.57	CO 9
			min M <sub>y</sub>	-0.60	-7.95	-0.20	0.01	<b>-0.04</b>	-7.07	CO 8
			max M <sub>z</sub>	-17.09	0.81	0.00	0.00	0.00	<b>-0.50</b>	CO 1
			min M <sub>z</sub>	-82.68	-2.32	-0.17	0.01	-0.04	<b>-8.35</b>	CO 12
	1627	0.300	Max N	<b>-0.60</b>	-7.95	-0.20	0.01	-0.04	-7.07	CO 8
	566	0.000	Min N	<b>-127.87</b>	0.30	0.05	0.00	0.00	-0.71	CO 17
		0.150	Max V <sub>y</sub>	-92.64	<b>14.15</b>	0.06	0.01	0.01	0.41	CO 13
	1627	0.300	Min V <sub>y</sub>	-0.60	<b>-7.95</b>	-0.20	0.01	-0.04	-7.07	CO 8
	566	0.000	Max V <sub>z</sub>	-99.41	-0.16	<b>0.94</b>	0.00	-0.02	0.43	CO 13
		0.150	Min V <sub>z</sub>	-0.75	-7.95	<b>-0.20</b>	0.01	-0.01	-8.27	CO 8
	566	0.000	Max M <sub>T</sub>	-8.23	8.73	-0.07	<b>0.01</b>	-0.23	-7.65	CO 8
		0.150	Min M <sub>T</sub>	-127.71	0.30	0.05	<b>0.00</b>	0.01	-0.76	CO 17
		0.150	Max M <sub>y</sub>	-48.77	-0.24	0.92	0.01	<b>0.13</b>	0.64	CO 11
		0.150	Min M <sub>y</sub>	-8.08	8.73	-0.07	0.01	<b>-0.24</b>	-8.96	CO 8
		0.150	Max M <sub>z</sub>	-17.29	-0.32	0.90	0.01	0.13	<b>0.74</b>	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		0.150	Min M <sub>z</sub>	-90.03	9.01	-0.03	0.01	-0.23	<b>-9.39</b>	CO 12
2073	567	0.000	max N	<b>0.25</b>	-8.29	7.27	-0.02	-0.91	-3.07	CO 8
			min N	<b>-68.64</b>	0.51	0.04	0.00	0.09	12.45	CO 17
			max V <sub>y</sub>	-27.42	<b>10.67</b>	19.39	0.02	-2.81	7.30	CO 11
			min V <sub>y</sub>	-26.14	<b>-9.09</b>	7.26	-0.02	-0.88	2.11	CO 14
			max V <sub>z</sub>	-11.10	9.56	<b>19.40</b>	0.02	-2.85	4.17	CO 9
			min V <sub>z</sub>	-68.64	0.51	<b>0.04</b>	0.00	0.09	12.45	CO 17
			max M <sub>T</sub>	-53.82	9.85	19.39	<b>0.02</b>	-2.79	12.50	CO 13
			min M <sub>T</sub>	0.25	-8.29	7.27	<b>-0.02</b>	-0.91	-3.07	CO 8
			max M <sub>y</sub>	-68.64	0.51	0.04	0.00	<b>0.09</b>	12.45	CO 17
			min M <sub>y</sub>	-11.10	9.56	19.40	0.02	<b>-2.85</b>	4.17	CO 9
			max M <sub>z</sub>	-66.54	5.90	11.65	0.01	-1.63	<b>13.82</b>	CO 19
			min M <sub>z</sub>	0.25	-8.29	7.27	-0.02	-0.91	<b>-3.07</b>	CO 8
		0.150	max N	<b>0.40</b>	-9.07	7.27	-0.02	0.18	-1.77	CO 8
			min N	<b>-68.49</b>	0.52	0.04	0.00	0.09	12.37	CO 17
			max V <sub>y</sub>	-27.26	<b>11.15</b>	19.39	0.02	0.10	5.66	CO 11
			min V <sub>y</sub>	-25.99	<b>-9.86</b>	7.26	-0.02	0.21	3.54	CO 14
			max V <sub>z</sub>	-10.95	10.05	<b>19.40</b>	0.02	0.06	2.70	CO 9
			min V <sub>z</sub>	-68.49	0.52	<b>0.04</b>	0.00	0.09	12.37	CO 17
			max M <sub>T</sub>	-53.66	10.34	19.39	<b>0.02</b>	0.12	10.98	CO 13
			min M <sub>T</sub>	0.40	-9.07	7.27	<b>-0.02</b>	0.18	-1.77	CO 8
			max M <sub>y</sub>	-42.30	-8.74	7.25	-0.02	<b>0.25</b>	6.48	CO 12
			min M <sub>y</sub>	-14.44	0.59	0.17	0.00	<b>0.02</b>	1.80	CO 1
			max M <sub>z</sub>	-66.38	6.21	11.65	0.01	0.12	<b>12.91</b>	CO 19
			min M <sub>z</sub>	0.40	-9.07	7.27	-0.02	0.18	<b>-1.77</b>	CO 8
			max N	<b>3.61</b>	8.94	0.01	-0.02	0.02	-1.56	CO 8
			min N	<b>-65.10</b>	14.97	0.00	0.01	-0.01	12.48	CO 17
			max V <sub>y</sub>	-50.50	<b>30.03</b>	0.03	0.03	-0.03	11.13	CO 13
			min V <sub>y</sub>	-10.71	<b>2.60</b>	0.00	0.00	0.00	1.83	CO 1
			max V <sub>z</sub>	-50.50	30.03	<b>0.03</b>	0.03	-0.03	11.13	CO 13
			min V <sub>z</sub>	-10.71	2.60	<b>0.00</b>	0.00	0.00	1.83	CO 1
			max M <sub>T</sub>	-50.50	30.03	0.03	<b>0.03</b>	-0.03	11.13	CO 13
			min M <sub>T</sub>	3.61	8.94	0.01	<b>-0.02</b>	0.02	-1.56	CO 8
			max M <sub>y</sub>	-22.95	14.90	0.01	-0.01	<b>0.03</b>	3.78	CO 14
			min M <sub>y</sub>	-50.50	30.03	0.03	0.03	<b>-0.03</b>	11.13	CO 13
			max M <sub>z</sub>	-63.17	25.52	0.02	0.02	-0.02	<b>13.05</b>	CO 19
			min M <sub>z</sub>	3.61	8.94	0.01	-0.02	0.02	<b>-1.56</b>	CO 8
	1689	0.300	max N	<b>3.77</b>	8.17	0.01	-0.02	0.03	-2.84	CO 8
			min N	<b>-64.94</b>	14.98	0.00	0.01	-0.01	10.23	CO 17
			max V <sub>y</sub>	-50.34	<b>30.52</b>	0.03	0.03	-0.03	6.59	CO 13
			min V <sub>y</sub>	-10.56	<b>2.60</b>	0.00	0.00	0.00	1.44	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-50.34	30.52	<b>0.03</b>	0.03	-0.03	6.59	CO 13
			min V <sub>z</sub>	-10.56	2.60	<b>0.00</b>	0.00	0.00	1.44	CO 1
			max M <sub>T</sub>	-50.34	30.52	0.03	<b>0.03</b>	-0.03	6.59	CO 13
			min M <sub>T</sub>	3.77	8.17	0.01	<b>-0.02</b>	0.03	-2.84	CO 8
			max M <sub>y</sub>	-39.19	18.29	0.01	-0.01	<b>0.03</b>	3.97	CO 12
			min M <sub>y</sub>	-50.34	30.52	0.03	0.03	<b>-0.03</b>	6.59	CO 13
			max M <sub>z</sub>	-64.94	14.98	0.00	0.01	-0.01	<b>10.23</b>	CO 17
			min M <sub>z</sub>	3.77	8.17	0.01	-0.02	0.03	<b>-2.84</b>	CO 8
	1689	0.300	Max N	<b>3.77</b>	8.17	0.01	-0.02	0.03	-2.84	CO 8
	567	0.000	Min N	<b>-68.64</b>	0.51	0.04	0.00	0.09	12.45	CO 17
	1689	0.300	Max V <sub>y</sub>	-50.34	<b>30.52</b>	0.03	0.03	-0.03	6.59	CO 13
		0.150	Min V <sub>y</sub>	-25.99	<b>-9.86</b>	7.26	-0.02	0.21	3.54	CO 14
	567	0.000	Max V <sub>z</sub>	-11.10	9.56	<b>19.40</b>	0.02	-2.85	4.17	CO 9
	1689	0.300	Min V <sub>z</sub>	-10.56	2.60	<b>0.00</b>	0.00	0.00	1.44	CO 1
		0.150	Max M <sub>T</sub>	-50.50	30.03	0.03	<b>0.03</b>	-0.03	11.13	CO 13
	567	0.000	Min M <sub>T</sub>	0.25	-8.29	7.27	<b>-0.02</b>	-0.91	-3.07	CO 8
		0.150	Max M <sub>y</sub>	-42.30	-8.74	7.25	-0.02	<b>0.25</b>	6.48	CO 12
	567	0.000	Min M <sub>y</sub>	-11.10	9.56	19.40	0.02	<b>-2.85</b>	4.17	CO 9
	567	0.000	Max M <sub>z</sub>	-66.54	5.90	11.65	0.01	-1.63	<b>13.82</b>	CO 19
	567	0.000	Min M <sub>z</sub>	0.25	-8.29	7.27	-0.02	-0.91	<b>-3.07</b>	CO 8
2074	1887	0.000	max N	<b>10.79</b>	0.01	0.68	0.02	0.00	0.00	CO 9
			min N	<b>-50.92</b>	0.00	14.58	0.03	0.00	0.00	CO 18
			max V <sub>y</sub>	-22.85	<b>0.02</b>	11.29	0.02	0.00	0.00	CO 13
			min V <sub>y</sub>	-42.17	<b>0.00</b>	11.38	0.04	0.00	0.00	CO 12
			max V <sub>z</sub>	-50.68	0.00	<b>15.16</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	10.79	0.01	<b>0.68</b>	0.02	0.00	0.00	CO 9
			max M <sub>T</sub>	-42.17	0.00	11.38	<b>0.04</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-8.09	0.00	1.71	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-8.09	0.00	1.71	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-42.17	0.00	11.38	0.04	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-8.09	0.00	1.71	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-42.17	0.00	11.38	0.04	0.00	<b>0.00</b>	CO 12
		1.817	max N	<b>10.85</b>	0.01	-1.15	0.02	-0.42	-0.01	CO 9
			min N	<b>-50.01</b>	0.00	-20.92	0.03	-5.81	0.00	CO 18
			max V <sub>y</sub>	-1.84	<b>0.01</b>	-6.99	0.02	-2.04	-0.02	CO 11
			min V <sub>y</sub>	-28.70	<b>0.00</b>	-10.45	0.04	-2.89	0.00	CO 14
			max V <sub>z</sub>	-8.30	0.00	<b>-1.07</b>	0.03	-0.29	0.00	CO 8
			min V <sub>z</sub>	-49.73	0.00	<b>-21.77</b>	0.00	-6.06	0.00	CO 17
			max M <sub>T</sub>	-41.45	0.00	-16.32	<b>0.04</b>	-4.52	0.00	CO 12
			min M <sub>T</sub>	-7.97	0.00	-2.48	<b>0.00</b>	-0.70	0.00	CO 1
			max M <sub>y</sub>	-8.30	0.00	-1.07	0.03	<b>-0.29</b>	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-49.73	0.00	-21.77	0.00	<b>-6.06</b>	0.00	CO 17
			max M <sub>z</sub>	-28.70	0.00	-10.45	0.04	-2.89	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-22.12	0.01	-16.38	0.02	-4.65	<b>-0.02</b>	CO 13
			max N	<b>4.84</b>	0.03	3.13	0.01	-0.56	-0.01	CO 9
			min N	<b>-115.30</b>	-0.03	25.53	0.03	-5.78	0.02	CO 18
			max V <sub>y</sub>	-23.69	<b>0.03</b>	9.64	0.01	-2.07	-0.01	CO 11
			min V <sub>y</sub>	-67.97	<b>-0.05</b>	14.01	0.04	-3.10	0.03	CO 14
			max V <sub>z</sub>	-113.34	-0.01	<b>26.13</b>	0.01	-5.89	0.00	CO 17
			min V <sub>z</sub>	4.84	0.03	<b>3.13</b>	0.01	-0.56	-0.01	CO 9
			max M <sub>T</sub>	-96.60	-0.05	20.54	<b>0.04</b>	-4.63	0.03	CO 12
			min M <sub>T</sub>	-18.26	0.00	4.33	<b>0.00</b>	-0.82	0.00	CO 1
			max M <sub>y</sub>	4.84	0.03	3.13	0.01	<b>-0.56</b>	-0.01	CO 9
			min M <sub>y</sub>	-113.34	-0.01	26.13	0.01	<b>-5.89</b>	0.00	CO 17
			max M <sub>z</sub>	-96.60	-0.05	20.54	0.04	-4.63	<b>0.03</b>	CO 12
			min M <sub>z</sub>	-70.19	0.03	20.32	0.01	-4.55	<b>-0.01</b>	CO 13
		2.067	max N	<b>4.84</b>	0.03	2.88	0.01	0.19	-0.02	CO 9
			min N	<b>-115.16</b>	-0.03	20.72	0.03	0.00	0.03	CO 18
			max V <sub>y</sub>	-23.64	<b>0.03</b>	8.03	0.01	0.14	-0.02	CO 11
			min V <sub>y</sub>	-67.90	<b>-0.05</b>	11.59	0.04	0.09	0.04	CO 14
			max V <sub>z</sub>	-113.20	-0.01	<b>21.13</b>	0.01	0.01	0.01	CO 17
			min V <sub>z</sub>	4.84	0.03	<b>2.88</b>	0.01	0.19	-0.02	CO 9
			max M <sub>T</sub>	-96.49	-0.05	16.78	<b>0.05</b>	0.03	0.04	CO 12
			min M <sub>T</sub>	-18.24	0.00	3.76	<b>0.00</b>	0.19	0.00	CO 1
			max M <sub>y</sub>	4.84	0.03	2.88	0.01	<b>0.19</b>	-0.02	CO 9
			min M <sub>y</sub>	-115.16	-0.03	20.72	0.03	<b>0.00</b>	0.03	CO 18
			max M <sub>z</sub>	-96.49	-0.05	16.78	0.05	0.03	<b>0.04</b>	CO 12
			min M <sub>z</sub>	-70.09	0.02	16.55	0.01	0.06	<b>-0.02</b>	CO 13
			max N	<b>4.91</b>	0.00	0.63	0.01	0.19	-0.02	CO 9
			min N	<b>-114.95</b>	0.21	13.02	0.03	0.00	0.03	CO 18
			max V <sub>y</sub>	-96.30	<b>0.31</b>	10.25	0.05	0.03	0.04	CO 12
			min V <sub>y</sub>	4.91	<b>0.00</b>	0.63	0.01	0.19	-0.02	CO 9
			max V <sub>z</sub>	-112.98	0.04	<b>13.42</b>	0.01	0.02	0.01	CO 17
			min V <sub>z</sub>	4.91	0.00	<b>0.63</b>	0.01	0.19	-0.02	CO 9
			max M <sub>T</sub>	-96.30	0.31	10.25	<b>0.05</b>	0.03	0.04	CO 12
			min M <sub>T</sub>	-18.18	0.01	1.51	<b>0.00</b>	0.19	0.00	CO 1
			max M <sub>y</sub>	4.91	0.00	0.63	0.01	<b>0.19</b>	-0.02	CO 9
			min M <sub>y</sub>	-114.95	0.21	13.02	0.03	<b>0.00</b>	0.03	CO 18
			max M <sub>z</sub>	-96.30	0.31	10.25	0.05	0.03	<b>0.04</b>	CO 12
			min M <sub>z</sub>	-69.90	0.03	10.02	0.01	0.06	<b>-0.02</b>	CO 13
		3.385	max N	<b>4.94</b>	0.00	-0.69	0.01	0.15	-0.01	CO 9
			min N	<b>-114.24</b>	0.20	-12.89	0.03	0.09	-0.24	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-95.75	<b>0.30</b>	-9.96	0.05	0.22	-0.37	CO 12
			min V <sub>y</sub>	4.94	<b>0.00</b>	-0.69	0.01	0.15	-0.01	CO 9
			max V <sub>z</sub>	-21.16	0.28	<b>-0.49</b>	0.04	0.40	-0.33	CO 8
			min V <sub>z</sub>	-112.24	0.04	<b>-13.52</b>	0.01	-0.04	-0.05	CO 17
			max M <sub>T</sub>	-95.75	0.30	-9.96	<b>0.05</b>	0.22	-0.37	CO 12
			min M <sub>T</sub>	-18.09	0.01	-1.53	<b>0.00</b>	0.18	-0.01	CO 1
			max M <sub>y</sub>	-21.16	0.28	-0.49	0.04	<b>0.40</b>	-0.33	CO 8
			min M <sub>y</sub>	-98.34	0.03	-12.99	0.01	<b>-0.06</b>	-0.06	CO 19
			max M <sub>z</sub>	-18.09	0.01	-1.53	0.00	0.18	<b>-0.01</b>	CO 1
			min M <sub>z</sub>	-95.75	0.30	-9.96	0.05	0.22	<b>-0.37</b>	CO 12
			max N	<b>5.01</b>	0.00	-2.94	0.01	0.15	-0.01	CO 9
			min N	<b>-114.03</b>	-0.24	-20.59	0.03	0.09	-0.24	CO 18
			max V <sub>y</sub>	5.01	<b>0.00</b>	-2.94	0.01	0.15	-0.01	CO 9
			min V <sub>y</sub>	-95.58	<b>-0.36</b>	-16.49	0.05	0.22	-0.37	CO 12
			max V <sub>z</sub>	-21.10	-0.33	<b>-2.74</b>	0.04	0.40	-0.33	CO 8
			min V <sub>z</sub>	-112.03	-0.05	<b>-21.22</b>	0.01	-0.05	-0.05	CO 17
			max M <sub>T</sub>	-95.58	-0.36	-16.49	<b>0.05</b>	0.22	-0.37	CO 12
			min M <sub>T</sub>	-18.03	-0.01	-3.78	<b>0.00</b>	0.18	-0.01	CO 1
			max M <sub>y</sub>	-21.10	-0.33	-2.74	0.04	<b>0.40</b>	-0.33	CO 8
			min M <sub>y</sub>	-98.12	-0.05	-20.70	0.01	<b>-0.06</b>	-0.06	CO 19
			max M <sub>z</sub>	-18.03	-0.01	-3.78	0.00	0.18	<b>-0.01</b>	CO 1
			min M <sub>z</sub>	-95.58	-0.36	-16.49	0.05	0.22	<b>-0.37</b>	CO 12
		3.635	max N	<b>5.01</b>	0.00	-3.19	0.01	-0.61	-0.02	CO 9
			min N	<b>-113.90</b>	-0.25	-25.41	0.03	-5.66	-0.18	CO 18
			max V <sub>y</sub>	5.01	<b>0.00</b>	-3.19	0.01	-0.61	-0.02	CO 9
			min V <sub>y</sub>	-95.47	<b>-0.37</b>	-20.26	0.05	-4.37	-0.27	CO 12
			max V <sub>z</sub>	-21.09	-0.33	<b>-2.99</b>	0.04	-0.31	-0.25	CO 8
			min V <sub>z</sub>	-111.90	-0.05	<b>-26.22</b>	0.01	-5.98	-0.04	CO 17
			max M <sub>T</sub>	-95.47	-0.37	-20.26	<b>0.05</b>	-4.37	-0.27	CO 12
			min M <sub>T</sub>	-18.02	-0.01	-4.35	<b>0.00</b>	-0.84	-0.01	CO 1
			max M <sub>y</sub>	-21.09	-0.33	-2.99	0.04	<b>-0.31</b>	-0.25	CO 8
			min M <sub>y</sub>	-111.90	-0.05	-26.22	0.01	<b>-5.98</b>	-0.04	CO 17
			max M <sub>z</sub>	-18.02	-0.01	-4.35	0.00	-0.84	<b>-0.01</b>	CO 1
			min M <sub>z</sub>	-95.47	-0.37	-20.26	0.05	-4.37	<b>-0.27</b>	CO 12
			max N	<b>12.97</b>	-0.01	1.15	0.02	-0.43	-0.02	CO 9
			min N	<b>-53.01</b>	-0.10	20.92	-0.01	-5.81	-0.19	CO 18
			max V <sub>y</sub>	-7.12	<b>0.00</b>	2.48	0.00	-0.70	-0.01	CO 1
			min V <sub>y</sub>	-49.95	<b>-0.15</b>	16.32	-0.01	-4.51	-0.29	CO 12
			max V <sub>z</sub>	-45.36	-0.02	<b>21.77</b>	0.00	-6.08	-0.04	CO 17
			min V <sub>z</sub>	-19.51	-0.14	<b>1.06</b>	-0.01	-0.26	-0.26	CO 8
			max M <sub>T</sub>	12.97	-0.01	1.15	<b>0.02</b>	-0.43	-0.02	CO 9



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-49.95	-0.15	16.32	<b>-0.01</b>	-4.51	-0.29	CO 12
			max M <sub>y</sub>	-19.51	-0.14	1.06	-0.01	<b>-0.26</b>	-0.26	CO 8
			min M <sub>y</sub>	-45.36	-0.02	21.77	0.00	<b>-6.08</b>	-0.04	CO 17
			max M <sub>z</sub>	-7.12	0.00	2.48	0.00	-0.70	<b>-0.01</b>	CO 1
			min M <sub>z</sub>	-49.95	-0.15	16.32	-0.01	-4.51	<b>-0.29</b>	CO 12
	1888	5.452	max N	<b>13.02</b>	-0.01	-0.68	0.02	0.00	0.00	CO 9
			min N	<b>-51.97</b>	-0.11	-14.58	-0.01	0.00	0.00	CO 18
			max V <sub>y</sub>	-7.00	<b>0.00</b>	-1.71	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	-49.15	<b>-0.16</b>	-11.40	-0.01	0.00	0.00	CO 12
			max V <sub>z</sub>	13.02	-0.01	<b>-0.68</b>	0.02	0.00	0.00	CO 9
			min V <sub>z</sub>	-44.27	-0.02	<b>-15.13</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	13.02	-0.01	-0.68	<b>0.02</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-49.15	-0.16	-11.40	<b>-0.01</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-7.00	0.00	-1.71	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-49.15	-0.16	-11.40	-0.01	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-16.31	-0.03	-11.27	0.01	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-49.15	-0.16	-11.40	-0.01	0.00	<b>0.00</b>	CO 12
	1888	5.452	Max N	<b>13.02</b>	-0.01	-0.68	0.02	0.00	0.00	CO 9
		1.817	Min N	<b>-115.30</b>	-0.03	25.53	0.03	-5.78	0.02	CO 18
		2.331	Max V <sub>y</sub>	-96.20	<b>0.31</b>	6.22	0.05	2.21	-0.04	CO 12
		3.635	Min V <sub>y</sub>	-95.47	<b>-0.37</b>	-20.26	0.05	-4.37	-0.27	CO 12
		1.817	Max V <sub>z</sub>	-113.34	-0.01	<b>26.13</b>	0.01	-5.89	0.00	CO 17
		3.635	Min V <sub>z</sub>	-111.90	-0.05	<b>-26.22</b>	0.01	-5.98	-0.04	CO 17
		2.594	Max M <sub>T</sub>	-96.09	0.31	2.17	<b>0.05</b>	3.31	-0.12	CO 12
		4.933	Min M <sub>T</sub>	-49.39	-0.16	-3.48	<b>-0.01</b>	3.87	-0.08	CO 12
		4.673	Max M <sub>y</sub>	-44.77	-0.02	0.71	0.00	<b>5.63</b>	-0.02	CO 17
		3.635	Min M <sub>y</sub>	-45.36	-0.02	21.77	0.00	<b>-6.08</b>	-0.04	CO 17
		2.067	Max M <sub>z</sub>	-96.49	-0.05	16.78	0.05	0.03	<b>0.04</b>	CO 12
		3.385	Min M <sub>z</sub>	-95.75	0.30	-9.96	0.05	0.22	<b>-0.37</b>	CO 12
2075	1886	0.000	max N	<b>24.02</b>	0.01	0.69	0.00	0.00	0.00	CO 9
			min N	<b>-30.08</b>	0.00	15.23	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	3.43	<b>0.01</b>	11.31	0.00	0.00	0.00	CO 13
			min V <sub>y</sub>	-22.18	<b>-0.02</b>	11.43	0.00	0.00	0.00	CO 12
			max V <sub>z</sub>	-30.08	0.00	<b>15.23</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	24.02	0.01	<b>0.69</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-30.08	0.00	15.23	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	24.02	0.01	0.69	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	24.02	0.01	0.69	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-1.53	-0.01	0.78	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-22.18	-0.02	11.43	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-30.08	0.00	15.23	0.00	0.00	<b>0.00</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.817	max N	<b>24.07</b>	0.01	-1.14	0.00	-0.41	-0.02	CO 9
			min N	<b>-29.11</b>	0.00	-21.64	0.00	-5.86	0.01	CO 17
			max V <sub>y</sub>	24.07	<b>0.01</b>	-1.14	0.00	-0.41	-0.02	CO 9
			min V <sub>y</sub>	-21.45	<b>-0.02</b>	-16.23	0.00	-4.37	0.03	CO 12
			max V <sub>z</sub>	-1.48	-0.01	<b>-1.05</b>	0.00	-0.25	0.03	CO 8
			min V <sub>z</sub>	-29.11	0.00	<b>-21.64</b>	0.00	-5.86	0.01	CO 17
			max M <sub>T</sub>	-29.11	0.00	-21.64	<b>0.00</b>	-5.86	0.01	CO 17
			min M <sub>T</sub>	24.07	0.01	-1.14	<b>0.00</b>	-0.41	-0.02	CO 9
			max M <sub>y</sub>	-1.48	-0.01	-1.05	0.00	<b>-0.25</b>	0.03	CO 8
			min M <sub>y</sub>	-29.11	0.00	-21.64	0.00	<b>-5.86</b>	0.01	CO 17
			max M <sub>z</sub>	-21.45	-0.02	-16.23	0.00	-4.37	<b>0.03</b>	CO 12
			min M <sub>z</sub>	11.34	0.01	-10.46	0.00	-2.93	<b>-0.02</b>	CO 15
			max N	<b>20.39</b>	0.00	0.91	0.00	-0.34	-0.01	CO 9
			min N	<b>-83.04</b>	0.00	17.82	0.00	-4.85	0.01	CO 18
			max V <sub>y</sub>	-11.27	<b>0.01</b>	1.09	-0.01	-0.36	0.01	CO 8
			min V <sub>y</sub>	20.39	<b>0.00</b>	0.91	0.00	-0.34	-0.01	CO 9
			max V <sub>z</sub>	-82.74	0.00	<b>18.42</b>	0.00	-4.95	0.00	CO 17
			min V <sub>z</sub>	20.39	0.00	<b>0.91</b>	0.00	-0.34	-0.01	CO 9
			max M <sub>T</sub>	-10.81	0.00	2.09	<b>0.00</b>	-0.54	0.00	CO 1
			min M <sub>T</sub>	-32.66	0.01	6.06	<b>-0.01</b>	-1.70	0.01	CO 10
			max M <sub>y</sub>	20.39	0.00	0.91	0.00	<b>-0.34</b>	-0.01	CO 9
			min M <sub>y</sub>	-82.74	0.00	18.42	0.00	<b>-4.95</b>	0.00	CO 17
			max M <sub>z</sub>	-68.06	0.01	14.01	-0.01	-3.85	<b>0.01</b>	CO 12
			min M <sub>z</sub>	-36.23	0.00	13.81	0.00	-3.82	<b>-0.01</b>	CO 13
		3.635	max N	<b>20.44</b>	0.00	-0.92	0.00	-0.35	-0.01	CO 9
			min N	<b>-82.06</b>	0.00	-17.60	0.00	-4.65	0.00	CO 18
			max V <sub>y</sub>	-11.22	<b>0.01</b>	-0.73	-0.01	-0.03	0.00	CO 8
			min V <sub>y</sub>	-35.47	<b>-0.01</b>	-13.82	0.00	-3.82	-0.01	CO 13
			max V <sub>z</sub>	-11.22	0.01	<b>-0.73</b>	-0.01	-0.03	0.00	CO 8
			min V <sub>z</sub>	-81.73	0.00	<b>-18.42</b>	0.00	-4.96	0.00	CO 17
			max M <sub>T</sub>	-10.69	0.00	-2.09	<b>0.00</b>	-0.54	0.00	CO 1
			min M <sub>T</sub>	-32.34	0.01	-5.70	<b>-0.01</b>	-1.37	0.00	CO 10
			max M <sub>y</sub>	-11.22	0.01	-0.73	-0.01	<b>-0.03</b>	0.00	CO 8
			min M <sub>y</sub>	-81.73	0.00	-18.42	0.00	<b>-4.96</b>	0.00	CO 17
			max M <sub>z</sub>	-81.73	0.00	-18.42	0.00	-4.96	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-35.47	-0.01	-13.82	0.00	-3.82	<b>-0.01</b>	CO 13
			max N	<b>24.36</b>	-0.01	1.14	0.00	-0.41	-0.01	CO 9
			min N	<b>-34.11</b>	0.00	20.80	0.00	-5.62	0.00	CO 18
			max V <sub>y</sub>	-28.15	<b>0.00</b>	21.64	0.00	-5.87	0.01	CO 17
			min V <sub>y</sub>	24.36	<b>-0.01</b>	1.14	0.00	-0.41	-0.01	CO 9
			max V <sub>z</sub>	-28.15	0.00	<b>21.64</b>	0.00	-5.87	0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-13.27	-0.01	<b>1.03</b>	0.00	-0.21	-0.01	CO 8
			max M <sub>T</sub>	24.36	-0.01	1.14	<b>0.00</b>	-0.41	-0.01	CO 9
			min M <sub>T</sub>	-32.75	0.00	16.22	<b>-0.01</b>	-4.35	-0.01	CO 12
			max M <sub>y</sub>	-13.27	-0.01	1.03	0.00	<b>-0.21</b>	-0.01	CO 8
			min M <sub>y</sub>	-28.15	0.00	21.64	0.00	<b>-5.87</b>	0.01	CO 17
			max M <sub>z</sub>	-28.15	0.00	21.64	0.00	-5.87	<b>0.01</b>	CO 17
			min M <sub>z</sub>	12.06	-0.01	10.46	0.00	-2.94	<b>-0.01</b>	CO 15
	1889	5.452	max N	<b>24.41</b>	-0.01	-0.69	0.00	0.00	0.00	CO 9
			min N	<b>-33.07</b>	0.00	-14.66	0.00	0.00	0.00	CO 18
			max V <sub>y</sub>	-27.08	<b>0.00</b>	-15.21	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	5.89	<b>-0.01</b>	-11.31	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	24.41	-0.01	<b>-0.69</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-27.08	0.00	<b>-15.21</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	24.41	-0.01	-0.69	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-31.95	-0.01	-11.46	<b>-0.01</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	24.41	-0.01	-0.69	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-31.95	-0.01	-11.46	-0.01	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	17.72	-0.01	-4.76	0.00	0.00	<b>0.00</b>	CO 11
			min M <sub>z</sub>	-31.95	-0.01	-11.46	-0.01	0.00	<b>0.00</b>	CO 12
	1889	5.452	Max N	<b>24.41</b>	-0.01	-0.69	0.00	0.00	0.00	CO 9
		1.817	Min N	<b>-83.04</b>	0.00	17.82	0.00	-4.85	0.01	CO 18
	1886	0.000	Max V <sub>y</sub>	3.43	<b>0.01</b>	11.31	0.00	0.00	0.00	CO 13
		1.817	Min V <sub>y</sub>	-21.45	<b>-0.02</b>	-16.23	0.00	-4.37	0.03	CO 12
		3.635	Max V <sub>z</sub>	-28.15	0.00	<b>21.64</b>	0.00	-5.87	0.01	CO 17
		1.817	Min V <sub>z</sub>	-29.11	0.00	<b>-21.64</b>	0.00	-5.86	0.01	CO 17
		3.635	Max M <sub>T</sub>	24.36	-0.01	1.14	<b>0.00</b>	-0.41	-0.01	CO 9
		2.856	Min M <sub>T</sub>	-67.63	0.01	-1.80	<b>-0.01</b>	2.51	0.01	CO 12
		4.673	Max M <sub>y</sub>	-27.56	0.00	0.60	0.00	<b>5.70</b>	0.00	CO 17
		3.635	Min M <sub>y</sub>	-28.15	0.00	21.64	0.00	<b>-5.87</b>	0.01	CO 17
		1.817	Max M <sub>z</sub>	-21.45	-0.02	-16.23	0.00	-4.37	<b>0.03</b>	CO 12
		1.817	Min M <sub>z</sub>	11.34	0.01	-10.46	0.00	-2.93	<b>-0.02</b>	CO 15
2076	1890	0.000	max N	<b>12.84</b>	0.02	0.68	-0.02	0.00	0.00	CO 9
			min N	<b>-47.70</b>	0.02	15.15	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-18.82	<b>0.04</b>	11.27	-0.02	0.00	0.00	CO 13
			min V <sub>y</sub>	11.64	<b>-0.11</b>	-1.71	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-47.70	0.02	<b>15.15</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	11.64	-0.11	<b>-1.71</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	-47.70	0.02	15.15	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	12.84	0.02	0.68	<b>-0.02</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-7.47	0.00	1.71	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	12.84	0.02	0.68	-0.02	<b>0.00</b>	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-18.82	0.04	11.27	-0.02	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-47.70	0.02	15.15	0.00	0.00	<b>0.00</b>	CO 17
			max N	<b>12.84</b>	0.02	0.68	-0.02	0.00	0.00	CO 9
			min N	<b>-47.70</b>	0.02	15.15	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-18.82	<b>0.04</b>	11.27	-0.02	0.00	0.00	CO 13
			min V <sub>y</sub>	11.64	<b>-0.11</b>	-1.71	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-47.70	0.02	<b>15.15</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	11.64	-0.11	<b>-1.71</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	-47.70	0.02	15.15	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	12.84	0.02	0.68	<b>-0.02</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-47.70	0.02	15.15	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	11.64	-0.11	-1.71	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-18.82	0.04	11.27	-0.02	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-47.70	0.02	15.15	0.00	0.00	<b>0.00</b>	CO 17
		1.817	max N	<b>12.89</b>	0.02	-1.15	-0.02	-0.43	-0.03	CO 9
			min N	<b>-46.75</b>	0.02	-21.77	0.00	-6.07	-0.03	CO 17
			max V <sub>y</sub>	-18.09	<b>0.03</b>	-16.38	-0.02	-4.66	-0.06	CO 13
			min V <sub>y</sub>	11.53	<b>-0.11</b>	2.31	0.00	0.55	0.20	CO 8
			max V <sub>z</sub>	11.53	-0.11	<b>2.31</b>	0.00	0.55	0.20	CO 8
			min V <sub>z</sub>	-46.75	0.02	<b>-21.77</b>	0.00	-6.07	-0.03	CO 17
			max M <sub>T</sub>	-46.75	0.02	-21.77	<b>0.00</b>	-6.07	-0.03	CO 17
			min M <sub>T</sub>	12.89	0.02	-1.15	<b>-0.02</b>	-0.43	-0.03	CO 9
			max M <sub>y</sub>	11.53	-0.11	2.31	0.00	<b>0.55</b>	0.20	CO 8
			min M <sub>y</sub>	-46.75	0.02	-21.77	0.00	<b>-6.07</b>	-0.03	CO 17
			max M <sub>z</sub>	11.53	-0.11	2.31	0.00	0.55	<b>0.20</b>	CO 8
			min M <sub>z</sub>	-18.09	0.03	-16.38	-0.02	-4.66	<b>-0.06</b>	CO 13
			max N	<b>7.42</b>	-0.25	0.44	0.03	0.06	0.19	CO 8
			min N	<b>-113.35</b>	0.05	26.22	-0.01	-5.97	-0.03	CO 17
			max V <sub>y</sub>	-99.26	<b>0.05</b>	25.51	-0.01	-5.83	-0.05	CO 19
			min V <sub>y</sub>	7.42	<b>-0.25</b>	0.44	0.03	0.06	0.19	CO 8
			max V <sub>z</sub>	-113.35	0.05	<b>26.22</b>	-0.01	-5.97	-0.03	CO 17
			min V <sub>z</sub>	7.42	-0.25	<b>0.44</b>	0.03	0.06	0.19	CO 8
			max M <sub>T</sub>	7.42	-0.25	0.44	<b>0.03</b>	0.06	0.19	CO 8
			min M <sub>T</sub>	-69.94	0.04	20.44	<b>-0.02</b>	-4.65	-0.06	CO 13
			max M <sub>y</sub>	7.42	-0.25	0.44	0.03	<b>0.06</b>	0.19	CO 8
			min M <sub>y</sub>	-113.35	0.05	26.22	-0.01	<b>-5.97</b>	-0.03	CO 17
			max M <sub>z</sub>	7.42	-0.25	0.44	0.03	0.06	<b>0.19</b>	CO 8
			min M <sub>z</sub>	-69.94	0.04	20.44	-0.02	-4.65	<b>-0.06</b>	CO 13
		2.067	max N	<b>7.41</b>	-0.25	0.99	0.03	0.24	0.25	CO 8
			min N	<b>-113.21</b>	0.04	21.22	-0.01	-0.04	-0.04	CO 17
			max V <sub>y</sub>	-99.12	<b>0.05</b>	20.69	-0.01	-0.05	-0.06	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	7.41	<b>-0.25</b>	0.99	0.03	0.24	0.25	CO 8
			max V <sub>z</sub>	-113.21	0.04	<b>21.22</b>	-0.01	-0.04	-0.04	CO 17
			min V <sub>z</sub>	7.41	-0.25	<b>0.99</b>	0.03	0.24	0.25	CO 8
			max M <sub>T</sub>	7.41	-0.25	0.99	<b>0.03</b>	0.24	0.25	CO 8
			min M <sub>T</sub>	-69.83	0.04	16.67	<b>-0.02</b>	-0.02	-0.07	CO 13
			max M <sub>y</sub>	7.41	-0.25	0.99	0.03	<b>0.24</b>	0.25	CO 8
			min M <sub>y</sub>	-99.12	0.05	20.69	-0.01	<b>-0.05</b>	-0.06	CO 19
			max M <sub>z</sub>	7.41	-0.25	0.99	0.03	0.24	<b>0.25</b>	CO 8
			min M <sub>z</sub>	-69.83	0.04	16.67	-0.02	-0.02	<b>-0.07</b>	CO 13
			max N	<b>7.47</b>	0.24	-1.26	0.03	0.24	0.25	CO 8
			min N	<b>-112.99</b>	-0.04	13.51	-0.01	-0.04	-0.04	CO 17
			max V <sub>y</sub>	7.47	<b>0.24</b>	-1.26	0.03	0.24	0.25	CO 8
			min V <sub>y</sub>	-98.91	<b>-0.04</b>	12.99	-0.01	-0.05	-0.06	CO 19
			max V <sub>z</sub>	-112.99	-0.04	<b>13.51</b>	-0.01	-0.04	-0.04	CO 17
			min V <sub>z</sub>	7.47	0.24	<b>-1.26</b>	0.03	0.24	0.25	CO 8
			max M <sub>T</sub>	7.47	0.24	-1.26	<b>0.03</b>	0.24	0.25	CO 8
			min M <sub>T</sub>	-69.65	-0.04	10.13	<b>-0.02</b>	-0.01	-0.07	CO 13
			max M <sub>y</sub>	7.47	0.24	-1.26	0.03	<b>0.24</b>	0.25	CO 8
			min M <sub>y</sub>	-98.91	-0.04	12.99	-0.01	<b>-0.05</b>	-0.06	CO 19
			max M <sub>z</sub>	7.47	0.24	-1.26	0.03	0.24	<b>0.25</b>	CO 8
			min M <sub>z</sub>	-69.65	-0.04	10.13	-0.02	-0.01	<b>-0.07</b>	CO 13
		3.385	max N	<b>7.39</b>	0.24	1.67	0.03	0.51	-0.06	CO 8
			min N	<b>-112.25</b>	-0.04	-13.43	-0.01	0.02	0.01	CO 17
			max V <sub>y</sub>	7.39	<b>0.24</b>	1.67	0.03	0.51	-0.06	CO 8
			min V <sub>y</sub>	-98.20	<b>-0.05</b>	-12.88	-0.01	0.02	0.00	CO 19
			max V <sub>z</sub>	7.39	0.24	<b>1.67</b>	0.03	0.51	-0.06	CO 8
			min V <sub>z</sub>	-112.25	-0.04	<b>-13.43</b>	-0.01	0.02	0.01	CO 17
			max M <sub>T</sub>	7.39	0.24	1.67	<b>0.03</b>	0.51	-0.06	CO 8
			min M <sub>T</sub>	-69.10	-0.05	-10.02	<b>-0.02</b>	0.06	-0.01	CO 13
			max M <sub>y</sub>	7.39	0.24	1.67	0.03	<b>0.51</b>	-0.06	CO 8
			min M <sub>y</sub>	-112.25	-0.04	-13.43	-0.01	<b>0.02</b>	0.01	CO 17
			max M <sub>z</sub>	-112.25	-0.04	-13.43	-0.01	0.02	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-20.80	0.23	-1.92	0.03	0.46	<b>-0.06</b>	CO 10
			max N	<b>7.45</b>	-0.07	-0.58	0.03	0.50	-0.06	CO 8
			min N	<b>-112.04</b>	0.01	-21.13	-0.01	0.01	0.01	CO 17
			max V <sub>y</sub>	-112.04	<b>0.01</b>	-21.13	-0.01	0.01	0.01	CO 17
			min V <sub>y</sub>	7.45	<b>-0.07</b>	-0.58	0.03	0.50	-0.06	CO 8
			max V <sub>z</sub>	7.45	-0.07	<b>-0.58</b>	0.03	0.50	-0.06	CO 8
			min V <sub>z</sub>	-112.04	0.01	<b>-21.13</b>	-0.01	0.01	0.01	CO 17
			max M <sub>T</sub>	7.45	-0.07	-0.58	<b>0.03</b>	0.50	-0.06	CO 8
			min M <sub>T</sub>	-68.92	-0.02	-16.55	<b>-0.02</b>	0.06	-0.01	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	7.45	-0.07	-0.58	0.03	<b>0.50</b>	-0.06	CO 8
			min M <sub>y</sub>	-112.04	0.01	-21.13	-0.01	<b>0.01</b>	0.01	CO 17
			max M <sub>z</sub>	-112.04	0.01	-21.13	-0.01	0.01	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-20.70	-0.07	-5.72	0.03	0.45	<b>-0.06</b>	CO 10
		3.635	max N	<b>7.44</b>	-0.07	-0.02	0.03	0.43	-0.04	CO 8
			min N	<b>-111.91</b>	0.01	-26.13	-0.01	-5.89	0.00	CO 17
			max V <sub>y</sub>	-111.91	<b>0.01</b>	-26.13	-0.01	-5.89	0.00	CO 17
			min V <sub>y</sub>	7.44	<b>-0.07</b>	-0.02	0.03	0.43	-0.04	CO 8
			max V <sub>z</sub>	7.44	-0.07	<b>-0.02</b>	0.03	0.43	-0.04	CO 8
			min V <sub>z</sub>	-111.91	0.01	<b>-26.13</b>	-0.01	-5.89	0.00	CO 17
			max M <sub>T</sub>	7.44	-0.07	-0.02	<b>0.03</b>	0.43	-0.04	CO 8
			min M <sub>T</sub>	-68.81	-0.02	-20.32	<b>-0.02</b>	-4.55	-0.01	CO 13
			max M <sub>y</sub>	7.44	-0.07	-0.02	0.03	<b>0.43</b>	-0.04	CO 8
			min M <sub>y</sub>	-111.91	0.01	-26.13	-0.01	<b>-5.89</b>	0.00	CO 17
			max M <sub>z</sub>	-111.91	0.01	-26.13	-0.01	-5.89	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-20.67	-0.07	-6.53	0.03	-1.08	<b>-0.04</b>	CO 10
			max N	<b>11.37</b>	0.00	1.15	-0.02	-0.43	-0.01	CO 9
			min N	<b>-48.38</b>	0.00	21.77	-0.01	-6.07	0.00	CO 17
			max V <sub>y</sub>	-35.99	<b>0.00</b>	15.89	0.00	-4.43	0.00	CO 16
			min V <sub>y</sub>	1.52	<b>-0.02</b>	-2.81	0.02	0.74	-0.03	CO 8
			max V <sub>z</sub>	-48.38	0.00	<b>21.77</b>	-0.01	-6.07	0.00	CO 17
			min V <sub>z</sub>	1.52	-0.02	<b>-2.81</b>	0.02	0.74	-0.03	CO 8
			max M <sub>T</sub>	1.52	-0.02	-2.81	<b>0.02</b>	0.74	-0.03	CO 8
			min M <sub>T</sub>	-20.74	0.00	16.38	<b>-0.03</b>	-4.66	-0.01	CO 13
			max M <sub>y</sub>	1.52	-0.02	-2.81	0.02	<b>0.74</b>	-0.03	CO 8
			min M <sub>y</sub>	-48.38	0.00	21.77	-0.01	<b>-6.07</b>	0.00	CO 17
			max M <sub>z</sub>	-35.99	0.00	15.89	0.00	-4.43	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-10.84	-0.01	3.04	0.02	-0.88	<b>-0.03</b>	CO 10
		3.950	max N	<b>11.38</b>	0.00	0.83	-0.02	-0.11	-0.01	CO 9
			min N	<b>-48.19</b>	0.00	15.42	-0.01	-0.21	0.00	CO 17
			max V <sub>y</sub>	-35.85	<b>0.00</b>	11.25	0.00	-0.15	0.00	CO 16
			min V <sub>y</sub>	-10.81	<b>-0.02</b>	2.02	0.02	-0.08	-0.02	CO 10
			max V <sub>z</sub>	-48.19	0.00	<b>15.42</b>	-0.01	-0.21	0.00	CO 17
			min V <sub>z</sub>	1.50	-0.02	<b>-2.11</b>	0.02	-0.04	-0.02	CO 8
			max M <sub>T</sub>	-18.16	-0.01	4.51	<b>0.02</b>	-0.12	-0.02	CO 14
			min M <sub>T</sub>	-20.60	0.00	11.60	<b>-0.03</b>	-0.24	-0.01	CO 13
			max M <sub>y</sub>	-7.70	0.00	1.75	0.00	<b>-0.03</b>	0.00	CO 1
			min M <sub>y</sub>	-36.68	0.00	14.84	-0.02	<b>-0.25</b>	-0.01	CO 19
			max M <sub>z</sub>	-35.85	0.00	11.25	0.00	-0.15	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-10.81	-0.02	2.02	0.02	-0.08	<b>-0.02</b>	CO 10
			max N	<b>11.38</b>	0.00	0.83	-0.02	-0.11	-0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-48.19</b>	0.00	15.42	-0.01	-0.21	0.00	CO 17
			max V <sub>y</sub>	-35.85	<b>0.00</b>	11.24	0.00	-0.15	0.00	CO 16
			min V <sub>y</sub>	-10.81	<b>-0.02</b>	2.02	0.02	-0.08	-0.02	CO 10
			max V <sub>z</sub>	-48.19	0.00	<b>15.42</b>	-0.01	-0.21	0.00	CO 17
			min V <sub>z</sub>	1.50	-0.02	<b>-2.11</b>	0.02	-0.04	-0.02	CO 8
			max M <sub>T</sub>	-18.16	-0.01	4.51	<b>0.02</b>	-0.12	-0.02	CO 14
			min M <sub>T</sub>	-20.60	0.00	11.60	<b>-0.03</b>	-0.24	-0.01	CO 13
			max M <sub>y</sub>	-7.70	0.00	1.75	0.00	<b>-0.03</b>	0.00	CO 1
			min M <sub>y</sub>	-36.68	0.00	14.84	-0.02	<b>-0.25</b>	-0.01	CO 19
			max M <sub>z</sub>	-35.85	0.00	11.24	0.00	-0.15	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-10.81	-0.02	2.02	0.02	-0.08	<b>-0.02</b>	CO 10
		5.452	max N	<b>11.42</b>	0.00	-0.68	-0.02	0.00	0.00	CO 9
			min N	<b>-47.29</b>	0.00	-15.14	-0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-35.21	<b>0.00</b>	-11.04	0.00	0.00	0.00	CO 16
			min V <sub>y</sub>	-29.97	<b>-0.02</b>	-8.44	0.02	0.00	0.00	CO 12
			max V <sub>z</sub>	1.38	-0.01	<b>2.16</b>	0.02	0.00	0.00	CO 8
			min V <sub>z</sub>	-47.29	0.00	<b>-15.14</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-17.91	-0.01	-4.35	<b>0.02</b>	0.00	0.00	CO 14
			min M <sub>T</sub>	-19.94	-0.01	-11.27	<b>-0.03</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-47.29	0.00	-15.14	-0.01	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	1.38	-0.01	2.16	0.02	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-29.97	-0.02	-8.44	0.02	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-19.94	-0.01	-11.27	-0.03	0.00	<b>0.00</b>	CO 13
	1895		max N	<b>11.42</b>	0.00	-0.68	-0.02	0.00	0.00	CO 9
			min N	<b>-47.29</b>	0.00	-15.14	-0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-35.21	<b>0.00</b>	-11.04	0.00	0.00	0.00	CO 16
			min V <sub>y</sub>	-29.97	<b>-0.02</b>	-8.44	0.02	0.00	0.00	CO 12
			max V <sub>z</sub>	1.38	-0.01	<b>2.16</b>	0.02	0.00	0.00	CO 8
			min V <sub>z</sub>	-47.29	0.00	<b>-15.14</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-17.91	-0.01	-4.35	<b>0.02</b>	0.00	0.00	CO 14
			min M <sub>T</sub>	-19.94	-0.01	-11.27	<b>-0.03</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-7.60	0.00	-1.71	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-19.94	-0.01	-11.27	-0.03	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	-29.97	-0.02	-8.44	0.02	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-19.94	-0.01	-11.27	-0.03	0.00	<b>0.00</b>	CO 13
		1.817	Max N	<b>12.89</b>	0.02	-1.15	-0.02	-0.43	-0.03	CO 9
		1.817	Min N	<b>-113.35</b>	0.05	26.22	-0.01	-5.97	-0.03	CO 17
		2.067	Max V <sub>y</sub>	7.47	<b>0.24</b>	-1.26	0.03	0.24	0.25	CO 8
		2.067	Min V <sub>y</sub>	7.41	<b>-0.25</b>	0.99	0.03	0.24	0.25	CO 8
		1.817	Max V <sub>z</sub>	-113.35	0.05	<b>26.22</b>	-0.01	-5.97	-0.03	CO 17
		3.635	Min V <sub>z</sub>	-111.91	0.01	<b>-26.13</b>	-0.01	-5.89	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		3.385	Max M <sub>T</sub>	7.39	0.24	1.67	<b>0.03</b>	0.51	-0.06	CO 8
		4.673	Min M <sub>T</sub>	-20.30	-0.01	0.59	<b>-0.03</b>	4.17	-0.01	CO 13
		4.673	Max M <sub>y</sub>	-47.78	0.00	0.70	-0.01	<b>5.63</b>	0.00	CO 17
		3.635	Min M <sub>y</sub>	-48.38	0.00	21.77	-0.01	<b>-6.07</b>	0.00	CO 17
		2.067	Max M <sub>z</sub>	7.41	-0.25	0.99	0.03	0.24	<b>0.25</b>	CO 8
		2.067	Min M <sub>z</sub>	-69.65	-0.04	10.13	-0.02	-0.01	<b>-0.07</b>	CO 13
2077	572	0.000	max N	<b>-17.22</b>	-0.42	0.99	0.00	-0.05	1.27	CO 9
			min N	<b>-127.85</b>	-0.22	-0.07	0.00	0.00	0.62	CO 17
			max V <sub>y</sub>	-49.11	<b>8.80</b>	-0.42	-0.03	-0.23	-6.40	CO 10
			min V <sub>y</sub>	-99.17	<b>-0.53</b>	0.95	0.00	-0.06	1.49	CO 13
			max V <sub>z</sub>	-17.22	-0.42	<b>0.99</b>	0.00	-0.05	1.27	CO 9
			min V <sub>z</sub>	-99.59	8.79	<b>-0.45</b>	-0.03	-0.23	-6.28	CO 12
			max M <sub>T</sub>	-24.27	-0.07	-0.01	<b>0.00</b>	0.00	0.32	CO 1
			min M <sub>T</sub>	-99.59	8.79	-0.45	<b>-0.03</b>	-0.23	-6.28	CO 12
			max M <sub>y</sub>	-96.38	-0.21	-0.05	0.00	<b>0.00</b>	0.59	CO 16
			min M <sub>y</sub>	-17.64	8.76	-0.40	-0.03	<b>-0.24</b>	-6.39	CO 8
			max M <sub>z</sub>	-99.17	-0.53	0.95	0.00	-0.06	<b>1.49</b>	CO 13
			min M <sub>z</sub>	-49.11	8.80	-0.42	-0.03	-0.23	<b>-6.40</b>	CO 10
		0.150	max N	<b>-17.07</b>	-0.42	0.99	0.00	0.10	1.34	CO 9
			min N	<b>-127.70</b>	-0.21	-0.07	0.00	-0.01	0.65	CO 17
			max V <sub>y</sub>	-48.96	<b>8.80</b>	-0.42	-0.03	-0.30	-7.72	CO 10
			min V <sub>y</sub>	-99.01	<b>-0.53</b>	0.95	0.00	0.09	1.57	CO 13
			max V <sub>z</sub>	-17.07	-0.42	<b>0.99</b>	0.00	0.10	1.34	CO 9
			min V <sub>z</sub>	-99.44	8.78	<b>-0.45</b>	-0.03	-0.29	-7.59	CO 12
			max M <sub>T</sub>	-24.12	-0.07	-0.01	<b>0.00</b>	-0.01	0.33	CO 1
			min M <sub>T</sub>	-99.44	8.78	-0.45	<b>-0.03</b>	-0.29	-7.59	CO 12
			max M <sub>y</sub>	-17.07	-0.42	0.99	0.00	<b>0.10</b>	1.34	CO 9
			min M <sub>y</sub>	-48.96	8.80	-0.42	-0.03	<b>-0.30</b>	-7.72	CO 10
			max M <sub>z</sub>	-99.01	-0.53	0.95	0.00	0.09	<b>1.57</b>	CO 13
			min M <sub>z</sub>	-48.96	8.80	-0.42	-0.03	-0.30	<b>-7.72</b>	CO 10
			max N	<b>-10.36</b>	8.32	-0.30	-0.04	-0.03	-6.95	CO 8
			min N	<b>-120.58</b>	-7.81	-0.04	0.00	0.00	0.67	CO 17
			max V <sub>y</sub>	-10.36	<b>8.32</b>	-0.30	-0.04	-0.03	-6.95	CO 8
			min V <sub>y</sub>	-120.58	<b>-7.81</b>	-0.04	0.00	0.00	0.67	CO 17
			max V <sub>z</sub>	-60.81	2.46	<b>0.03</b>	0.00	0.01	1.52	CO 15
			min V <sub>z</sub>	-92.16	2.85	<b>-0.33</b>	-0.04	-0.02	-6.82	CO 12
			max M <sub>T</sub>	-17.20	-0.80	-0.01	<b>0.00</b>	0.00	0.34	CO 1
			min M <sub>T</sub>	-92.16	2.85	-0.33	<b>-0.04</b>	-0.02	-6.82	CO 12
			max M <sub>y</sub>	-10.43	5.67	0.03	0.00	<b>0.01</b>	1.32	CO 9
			min M <sub>y</sub>	-10.36	8.32	-0.30	-0.04	<b>-0.03</b>	-6.95	CO 8
			max M <sub>z</sub>	-92.21	0.08	0.03	0.00	0.01	<b>1.56</b>	CO 13



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-41.77	5.98	-0.31	-0.04	-0.03	<b>-6.96</b>	CO 10
	545	0.300	max N	<b>-10.21</b>	8.31	-0.30	-0.04	-0.08	-8.19	CO 8
			min N	<b>-120.43</b>	-7.80	-0.04	0.00	0.00	1.84	CO 17
			max V <sub>y</sub>	-10.21	<b>8.31</b>	-0.30	-0.04	-0.08	-8.19	CO 8
			min V <sub>y</sub>	-120.43	<b>-7.80</b>	-0.04	0.00	0.00	1.84	CO 17
			max V <sub>z</sub>	-60.66	2.46	<b>0.03</b>	0.00	0.01	1.16	CO 15
			min V <sub>z</sub>	-92.00	2.84	<b>-0.33</b>	-0.04	-0.07	-7.25	CO 12
			max M <sub>T</sub>	-17.05	-0.80	-0.01	<b>0.00</b>	0.00	0.46	CO 1
			min M <sub>T</sub>	-92.00	2.84	-0.33	<b>-0.04</b>	-0.07	-7.25	CO 12
			max M <sub>y</sub>	-10.27	5.67	0.03	0.00	<b>0.02</b>	0.47	CO 9
			min M <sub>y</sub>	-10.21	8.31	-0.30	-0.04	<b>-0.08</b>	-8.19	CO 8
			max M <sub>z</sub>	-116.36	-3.89	0.01	0.00	0.00	<b>1.84</b>	CO 19
			min M <sub>z</sub>	-10.21	8.31	-0.30	-0.04	-0.08	<b>-8.19</b>	CO 8
	545	0.300	Max N	<b>-10.21</b>	8.31	-0.30	-0.04	-0.08	-8.19	CO 8
	572	0.000	Min N	<b>-127.85</b>	-0.22	-0.07	0.00	0.00	0.62	CO 17
	572	0.000	Max V <sub>y</sub>	-49.11	<b>8.80</b>	-0.42	-0.03	-0.23	-6.40	CO 10
		0.150	Min V <sub>y</sub>	-120.58	<b>-7.81</b>	-0.04	0.00	0.00	0.67	CO 17
	572	0.000	Max V <sub>z</sub>	-17.22	-0.42	<b>0.99</b>	0.00	-0.05	1.27	CO 9
	572	0.000	Min V <sub>z</sub>	-99.59	8.79	<b>-0.45</b>	-0.03	-0.23	-6.28	CO 12
	572	0.000	Max M <sub>T</sub>	-24.27	-0.07	-0.01	<b>0.00</b>	0.00	0.32	CO 1
	545	0.300	Min M <sub>T</sub>	-92.00	2.84	-0.33	<b>-0.04</b>	-0.07	-7.25	CO 12
		0.150	Max M <sub>y</sub>	-17.07	-0.42	0.99	0.00	<b>0.10</b>	1.34	CO 9
		0.150	Min M <sub>y</sub>	-48.96	8.80	-0.42	-0.03	<b>-0.30</b>	-7.72	CO 10
	545	0.300	Max M <sub>z</sub>	-116.36	-3.89	0.01	0.00	0.00	<b>1.84</b>	CO 19
	545	0.300	Min M <sub>z</sub>	-10.21	8.31	-0.30	-0.04	-0.08	<b>-8.19</b>	CO 8
2078	573	0.000	max N	<b>-11.39</b>	-12.74	22.09	-0.01	-3.38	-1.74	CO 9
			min N	<b>-69.48</b>	-0.65	-0.59	0.01	0.00	-12.58	CO 17
			max V <sub>y</sub>	-53.21	<b>0.57</b>	-0.50	0.00	0.02	-9.38	CO 16
			min V <sub>y</sub>	-27.66	<b>-13.96</b>	22.04	-0.01	-3.41	-4.93	CO 11
			max V <sub>z</sub>	-11.39	-12.74	<b>22.09</b>	-0.01	-3.38	-1.74	CO 9
			min V <sub>z</sub>	-55.83	-3.37	<b>-5.76</b>	0.03	1.00	-9.71	CO 12
			max M <sub>T</sub>	-55.83	-3.37	-5.76	<b>0.03</b>	1.00	-9.71	CO 12
			min M <sub>T</sub>	-11.39	-12.74	22.09	<b>-0.01</b>	-3.38	-1.74	CO 9
			max M <sub>y</sub>	-39.55	-2.19	-5.65	0.03	<b>1.02</b>	-6.49	CO 14
			min M <sub>y</sub>	-54.11	-13.12	21.99	-0.01	<b>-3.43</b>	-10.14	CO 13
			max M <sub>z</sub>	-13.09	-3.10	-5.50	0.02	1.02	<b>-1.26</b>	CO 8
			min M <sub>z</sub>	-69.48	-0.65	-0.59	0.01	0.00	<b>-12.58</b>	CO 17
		0.150	max N	<b>-11.23</b>	-13.37	22.09	-0.01	-0.07	0.22	CO 9
			min N	<b>-69.33</b>	-0.66	-0.59	0.01	-0.09	-12.48	CO 17
			max V <sub>y</sub>	-53.06	<b>0.56</b>	-0.50	0.00	-0.06	-9.46	CO 16
			min V <sub>y</sub>	-27.51	<b>-14.59</b>	22.04	-0.01	-0.10	-2.79	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-11.23	-13.37	<b>22.09</b>	-0.01	-0.07	0.22	CO 9
			min V <sub>z</sub>	-55.68	-3.86	<b>-5.76</b>	0.03	0.14	-9.17	CO 12
			max M <sub>T</sub>	-55.68	-3.86	-5.76	<b>0.03</b>	0.14	-9.17	CO 12
			min M <sub>T</sub>	-37.69	-12.52	22.03	<b>-0.01</b>	-0.10	-5.11	CO 15
			max M <sub>y</sub>	-12.93	-3.59	-5.50	0.02	<b>0.19</b>	-0.76	CO 8
			min M <sub>y</sub>	-53.96	-13.75	21.99	-0.01	<b>-0.13</b>	-8.12	CO 13
			max M <sub>z</sub>	-11.23	-13.37	22.09	-0.01	-0.07	<b>0.22</b>	CO 9
			min M <sub>z</sub>	-69.33	-0.66	-0.59	0.01	-0.09	<b>-12.48</b>	CO 17
			max N	<b>-7.80</b>	1.03	0.03	-0.02	-0.02	0.18	CO 9
			min N	<b>-65.14</b>	-15.22	0.00	0.00	0.01	-12.59	CO 17
			max V <sub>y</sub>	-9.29	<b>3.51</b>	-0.03	0.03	0.02	-0.53	CO 8
			min V <sub>y</sub>	-65.14	<b>-15.22</b>	0.00	0.00	0.01	-12.59	CO 17
			max V <sub>z</sub>	-50.26	-8.96	<b>0.04</b>	-0.02	-0.02	-8.24	CO 13
			min V <sub>z</sub>	-51.80	-6.40	<b>-0.03</b>	0.03	0.03	-9.00	CO 12
			max M <sub>T</sub>	-51.80	-6.40	-0.03	<b>0.03</b>	0.03	-9.00	CO 12
			min M <sub>T</sub>	-50.26	-8.96	0.04	<b>-0.02</b>	-0.02	-8.24	CO 13
			max M <sub>y</sub>	-51.80	-6.40	-0.03	0.03	<b>0.03</b>	-9.00	CO 12
			min M <sub>y</sub>	-34.07	-4.85	0.04	-0.02	<b>-0.02</b>	-5.18	CO 15
			max M <sub>z</sub>	-7.80	1.03	0.03	-0.02	-0.02	<b>0.18</b>	CO 9
			min M <sub>z</sub>	-65.14	-15.22	0.00	0.00	0.01	<b>-12.59</b>	CO 17
	1898	0.300	max N	<b>-7.65</b>	0.40	0.03	-0.02	-0.01	0.07	CO 9
			min N	<b>-64.98</b>	-15.24	0.00	0.00	0.01	-10.30	CO 17
			max V <sub>y</sub>	-9.13	<b>3.03</b>	-0.03	0.03	0.02	-1.02	CO 8
			min V <sub>y</sub>	-64.98	<b>-15.24</b>	0.00	0.00	0.01	-10.30	CO 17
			max V <sub>z</sub>	-50.10	-9.59	<b>0.04</b>	-0.02	-0.01	-6.85	CO 13
			min V <sub>z</sub>	-51.64	-6.89	<b>-0.03</b>	0.03	0.03	-8.01	CO 12
			max M <sub>T</sub>	-51.64	-6.89	-0.03	<b>0.03</b>	0.03	-8.01	CO 12
			min M <sub>T</sub>	-33.91	-5.48	0.04	<b>-0.02</b>	-0.01	-4.41	CO 15
			max M <sub>y</sub>	-51.64	-6.89	-0.03	0.03	<b>0.03</b>	-8.01	CO 12
			min M <sub>y</sub>	-33.91	-5.48	0.04	-0.02	<b>-0.01</b>	-4.41	CO 15
			max M <sub>z</sub>	-7.65	0.40	0.03	-0.02	-0.01	<b>0.07</b>	CO 9
			min M <sub>z</sub>	-64.98	-15.24	0.00	0.00	0.01	<b>-10.30</b>	CO 17
	1898	0.300	Max N	<b>-7.65</b>	0.40	0.03	-0.02	-0.01	0.07	CO 9
	573	0.000	Min N	<b>-69.48</b>	-0.65	-0.59	0.01	0.00	-12.58	CO 17
		0.150	Max V <sub>y</sub>	-9.29	<b>3.51</b>	-0.03	0.03	0.02	-0.53	CO 8
	1898	0.300	Min V <sub>y</sub>	-64.98	<b>-15.24</b>	0.00	0.00	0.01	-10.30	CO 17
	573	0.000	Max V <sub>z</sub>	-11.39	-12.74	<b>22.09</b>	-0.01	-3.38	-1.74	CO 9
	573	0.000	Min V <sub>z</sub>	-55.83	-3.37	<b>-5.76</b>	0.03	1.00	-9.71	CO 12
		0.150	Max M <sub>T</sub>	-51.80	-6.40	-0.03	<b>0.03</b>	0.03	-9.00	CO 12
		0.150	Min M <sub>T</sub>	-50.26	-8.96	0.04	<b>-0.02</b>	-0.02	-8.24	CO 13
	573	0.000	Max M <sub>y</sub>	-39.55	-2.19	-5.65	0.03	<b>1.02</b>	-6.49	CO 14

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	573	0.000	Min M <sub>y</sub>	-54.11	-13.12	21.99	-0.01	<b>-3.43</b>	-10.14	CO 13
		0.150	Max M <sub>z</sub>	-11.23	-13.37	22.09	-0.01	-0.07	<b>0.22</b>	CO 9
		0.150	Min M <sub>z</sub>	-65.14	-15.22	0.00	0.00	0.01	<b>-12.59</b>	CO 17
2079	574	0.000	max N	<b>-7.94</b>	8.26	0.31	-0.03	0.24	-6.16	CO 8
			min N	<b>-127.87</b>	0.30	-0.06	0.00	0.00	-0.70	CO 17
			max V <sub>y</sub>	-89.88	<b>8.55</b>	0.27	-0.03	0.24	-6.52	CO 12
			min V <sub>y</sub>	-24.28	<b>0.10</b>	-0.01	0.00	0.00	-0.35	CO 1
			max V <sub>z</sub>	-20.84	0.24	<b>0.91</b>	0.00	-0.05	-1.55	CO 9
			min V <sub>z</sub>	-127.87	0.30	<b>-0.06</b>	0.00	0.00	-0.70	CO 17
			max M <sub>T</sub>	-102.79	0.39	0.88	<b>0.01</b>	-0.06	-1.82	CO 13
			min M <sub>T</sub>	-7.94	8.26	0.31	<b>-0.03</b>	0.24	-6.16	CO 8
			max M <sub>y</sub>	-7.94	8.26	0.31	-0.03	<b>0.24</b>	-6.16	CO 8
			min M <sub>y</sub>	-102.79	0.39	0.88	0.01	<b>-0.06</b>	-1.82	CO 13
			max M <sub>z</sub>	-24.28	0.10	-0.01	0.00	0.00	<b>-0.35</b>	CO 1
			min M <sub>z</sub>	-89.88	8.55	0.27	-0.03	0.24	<b>-6.52</b>	CO 12
		0.150	max N	<b>-7.79</b>	8.26	0.31	-0.03	0.29	-7.40	CO 8
			min N	<b>-127.71</b>	0.29	-0.06	0.00	-0.01	-0.74	CO 17
			max V <sub>y</sub>	-89.73	<b>8.54</b>	0.27	-0.03	0.28	-7.80	CO 12
			min V <sub>y</sub>	-24.12	<b>0.10</b>	-0.01	0.00	0.00	-0.37	CO 1
			max V <sub>z</sub>	-20.68	0.23	<b>0.91</b>	0.00	0.09	-1.59	CO 9
			min V <sub>z</sub>	-127.71	0.29	<b>-0.06</b>	0.00	-0.01	-0.74	CO 17
			max M <sub>T</sub>	-102.63	0.39	0.88	<b>0.01</b>	0.08	-1.88	CO 13
			min M <sub>T</sub>	-7.79	8.26	0.31	<b>-0.03</b>	0.29	-7.40	CO 8
			max M <sub>y</sub>	-7.79	8.26	0.31	-0.03	<b>0.29</b>	-7.40	CO 8
			min M <sub>y</sub>	-127.71	0.29	-0.06	0.00	<b>-0.01</b>	-0.74	CO 17
			max M <sub>z</sub>	-24.12	0.10	-0.01	0.00	0.00	<b>-0.37</b>	CO 1
			min M <sub>z</sub>	-89.73	8.54	0.27	-0.03	0.28	<b>-7.80</b>	CO 12
			max N	<b>-1.02</b>	4.07	0.23	-0.02	0.04	-6.65	CO 8
			min N	<b>-121.02</b>	7.91	-0.04	0.00	0.00	-0.76	CO 17
			max V <sub>y</sub>	-111.27	<b>9.97</b>	0.11	-0.01	0.02	-4.61	CO 18
			min V <sub>y</sub>	-13.72	<b>-5.39</b>	0.02	0.01	0.01	-1.60	CO 9
			max V <sub>z</sub>	-1.02	4.07	<b>0.23</b>	-0.02	0.04	-6.65	CO 8
			min V <sub>z</sub>	-121.02	7.91	<b>-0.04</b>	0.00	0.00	-0.76	CO 17
			max M <sub>T</sub>	-95.81	0.25	0.03	<b>0.01</b>	0.01	-1.90	CO 13
			min M <sub>T</sub>	-1.02	4.07	0.23	<b>-0.02</b>	0.04	-6.65	CO 8
			max M <sub>y</sub>	-1.02	4.07	0.23	-0.02	<b>0.04</b>	-6.65	CO 8
			min M <sub>y</sub>	-17.25	0.84	0.00	0.00	<b>0.00</b>	-0.37	CO 1
			max M <sub>z</sub>	-17.25	0.84	0.00	0.00	0.00	<b>-0.37</b>	CO 1
			min M <sub>z</sub>	-83.10	9.90	0.21	-0.02	0.03	<b>-7.05</b>	CO 12
	1628	0.300	max N	<b>-0.87</b>	4.07	0.23	-0.02	0.07	-7.26	CO 8
			min N	<b>-120.86</b>	7.91	-0.04	0.00	0.00	-1.95	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-111.12	<b>9.96</b>	0.11	-0.01	0.04	-6.10	CO 18
			min V <sub>y</sub>	-13.56	<b>-5.39</b>	0.02	0.01	0.01	-0.79	CO 9
			max V <sub>z</sub>	-0.87	4.07	<b>0.23</b>	-0.02	0.07	-7.26	CO 8
			min V <sub>z</sub>	-120.86	7.91	<b>-0.04</b>	0.00	0.00	-1.95	CO 17
			max M <sub>T</sub>	-95.66	0.24	0.03	<b>0.01</b>	0.01	-1.94	CO 13
			min M <sub>T</sub>	-0.87	4.07	0.23	<b>-0.02</b>	0.07	-7.26	CO 8
			max M <sub>y</sub>	-0.87	4.07	0.23	-0.02	<b>0.07</b>	-7.26	CO 8
			min M <sub>y</sub>	-120.86	7.91	-0.04	0.00	<b>0.00</b>	-1.95	CO 17
			max M <sub>z</sub>	-17.10	0.84	0.00	0.00	0.00	<b>-0.50</b>	CO 1
			min M <sub>z</sub>	-82.95	9.89	0.21	-0.02	0.06	<b>-8.54</b>	CO 12
	1628	0.300	Max N	<b>-0.87</b>	4.07	0.23	-0.02	0.07	-7.26	CO 8
	574	0.000	Min N	<b>-127.87</b>	0.30	-0.06	0.00	0.00	-0.70	CO 17
		0.150	Max V <sub>y</sub>	-111.27	<b>9.97</b>	0.11	-0.01	0.02	-4.61	CO 18
	1628	0.300	Min V <sub>y</sub>	-13.56	<b>-5.39</b>	0.02	0.01	0.01	-0.79	CO 9
	574	0.000	Max V <sub>z</sub>	-20.84	0.24	<b>0.91</b>	0.00	-0.05	-1.55	CO 9
	574	0.000	Min V <sub>z</sub>	-127.87	0.30	<b>-0.06</b>	0.00	0.00	-0.70	CO 17
		0.150	Max M <sub>T</sub>	-95.81	0.25	0.03	<b>0.01</b>	0.01	-1.90	CO 13
		0.150	Min M <sub>T</sub>	-7.79	8.26	0.31	<b>-0.03</b>	0.29	-7.40	CO 8
		0.150	Max M <sub>y</sub>	-7.79	8.26	0.31	-0.03	<b>0.29</b>	-7.40	CO 8
	574	0.000	Min M <sub>y</sub>	-102.79	0.39	0.88	0.01	<b>-0.06</b>	-1.82	CO 13
	574	0.000	Max M <sub>z</sub>	-24.28	0.10	-0.01	0.00	0.00	<b>-0.35</b>	CO 1
	1628	0.300	Min M <sub>z</sub>	-82.95	9.89	0.21	-0.02	0.06	<b>-8.54</b>	CO 12
2080	575	0.000	max N	<b>0.13</b>	-8.11	3.85	0.02	-0.72	-4.43	CO 8
			min N	<b>-68.82</b>	8.01	11.88	0.01	-1.91	12.72	CO 19
			max V <sub>y</sub>	-31.20	<b>14.17</b>	19.91	0.02	-3.10	5.45	CO 11
			min V <sub>y</sub>	-26.26	<b>-8.91</b>	3.85	0.02	-0.75	0.76	CO 14
			max V <sub>z</sub>	-57.61	13.36	<b>19.94</b>	0.02	-3.14	10.66	CO 13
			min V <sub>z</sub>	-52.32	-0.60	<b>-0.25</b>	0.00	-0.02	9.34	CO 16
			max M <sub>T</sub>	0.13	-8.11	3.85	<b>0.02</b>	-0.72	-4.43	CO 8
			min M <sub>T</sub>	-68.64	0.50	-0.23	<b>0.00</b>	-0.06	12.47	CO 17
			max M <sub>y</sub>	-14.60	0.59	-0.19	0.00	<b>0.01</b>	1.89	CO 1
			min M <sub>y</sub>	-57.61	13.36	19.94	0.02	<b>-3.14</b>	10.66	CO 13
			max M <sub>z</sub>	-68.82	8.01	11.88	0.01	-1.91	<b>12.72</b>	CO 19
			min M <sub>z</sub>	0.13	-8.11	3.85	0.02	-0.72	<b>-4.43</b>	CO 8
		0.150	max N	<b>0.29</b>	-8.88	3.85	0.02	-0.14	-3.15	CO 8
			min N	<b>-68.66</b>	8.40	11.88	0.01	-0.13	11.49	CO 19
			max V <sub>y</sub>	-31.05	<b>14.80</b>	19.91	0.02	-0.12	3.28	CO 11
			min V <sub>y</sub>	-26.11	<b>-9.68</b>	3.85	0.02	-0.17	2.15	CO 14
			max V <sub>z</sub>	-57.45	13.99	<b>19.94</b>	0.02	-0.14	8.60	CO 13
			min V <sub>z</sub>	-52.16	-0.60	<b>-0.25</b>	0.00	-0.06	9.43	CO 16
			max M <sub>T</sub>	0.29	-8.88	3.85	<b>0.02</b>	-0.14	-3.15	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-68.49	0.52	-0.23	<b>0.00</b>	-0.09	12.39	CO 17
			max M <sub>y</sub>	-14.44	0.59	-0.19	0.00	<b>-0.02</b>	1.81	CO 1
			min M <sub>y</sub>	-42.43	-8.56	3.89	0.02	<b>-0.21</b>	5.10	CO 12
			max M <sub>z</sub>	-68.49	0.52	-0.23	0.00	-0.09	<b>12.39</b>	CO 17
			min M <sub>z</sub>	0.29	-8.88	3.85	0.02	-0.14	<b>-3.15</b>	CO 8
			max N	<b>3.89</b>	-2.73	-0.01	0.02	0.00	-2.96	CO 8
			min N	<b>-65.11</b>	15.12	0.00	-0.01	0.01	12.50	CO 17
			max V <sub>y</sub>	-65.11	<b>15.12</b>	0.00	-0.01	0.01	12.50	CO 17
			min V <sub>y</sub>	3.89	<b>-2.73</b>	-0.01	0.02	0.00	-2.96	CO 8
			max V <sub>z</sub>	-53.47	8.63	<b>0.03</b>	0.02	-0.02	8.73	CO 13
			min V <sub>z</sub>	-12.51	1.38	<b>-0.01</b>	0.01	0.00	0.02	CO 10
			max M <sub>T</sub>	-37.07	4.57	0.03	<b>0.02</b>	-0.02	5.73	CO 15
			min M <sub>T</sub>	-65.11	15.12	0.00	<b>-0.01</b>	0.01	12.50	CO 17
			max M <sub>y</sub>	-65.11	15.12	0.00	-0.01	<b>0.01</b>	12.50	CO 17
			min M <sub>y</sub>	-37.07	4.57	0.03	0.02	<b>-0.02</b>	5.73	CO 15
			max M <sub>z</sub>	-65.11	15.12	0.00	-0.01	0.01	<b>12.50</b>	CO 17
			min M <sub>z</sub>	3.89	-2.73	-0.01	0.02	0.00	<b>-2.96</b>	CO 8
	1691	0.300	max N	<b>4.04</b>	-3.50	-0.01	0.02	0.00	-2.50	CO 8
			min N	<b>-64.95</b>	15.13	0.00	-0.01	0.01	10.23	CO 17
			max V <sub>y</sub>	-64.95	<b>15.13</b>	0.00	-0.01	0.01	10.23	CO 17
			min V <sub>y</sub>	4.04	<b>-3.50</b>	-0.01	0.02	0.00	-2.50	CO 8
			max V <sub>z</sub>	-53.31	9.26	<b>0.03</b>	0.02	-0.02	7.39	CO 13
			min V <sub>z</sub>	-12.36	0.61	<b>-0.01</b>	0.01	0.00	-0.12	CO 10
			max M <sub>T</sub>	-36.91	5.20	0.03	<b>0.02</b>	-0.02	5.00	CO 15
			min M <sub>T</sub>	-64.95	15.13	0.00	<b>-0.01</b>	0.01	10.23	CO 17
			max M <sub>y</sub>	-64.95	15.13	0.00	-0.01	<b>0.01</b>	10.23	CO 17
			min M <sub>y</sub>	-10.32	-0.67	0.02	0.02	<b>-0.02</b>	0.52	CO 9
			max M <sub>z</sub>	-64.95	15.13	0.00	-0.01	0.01	<b>10.23</b>	CO 17
			min M <sub>z</sub>	4.04	-3.50	-0.01	0.02	0.00	<b>-2.50</b>	CO 8
	1691	0.300	Max N	<b>4.04</b>	-3.50	-0.01	0.02	0.00	-2.50	CO 8
	575	0.000	Min N	<b>-68.82</b>	8.01	11.88	0.01	-1.91	12.72	CO 19
	1691	0.300	Max V <sub>y</sub>	-64.95	<b>15.13</b>	0.00	-0.01	0.01	10.23	CO 17
		0.150	Min V <sub>y</sub>	-26.11	<b>-9.68</b>	3.85	0.02	-0.17	2.15	CO 14
		0.050	Max V <sub>z</sub>	-57.56	13.57	<b>19.94</b>	0.02	-2.14	9.98	CO 13
	575	0.000	Min V <sub>z</sub>	-52.32	-0.60	<b>-0.25</b>	0.00	-0.02	9.34	CO 16
		0.150	Max M <sub>T</sub>	0.29	-8.88	3.85	<b>0.02</b>	-0.14	-3.15	CO 8
		0.150	Min M <sub>T</sub>	-65.11	15.12	0.00	<b>-0.01</b>	0.01	12.50	CO 17
	575	0.000	Max M <sub>y</sub>	-14.60	0.59	-0.19	0.00	<b>0.01</b>	1.89	CO 1
	575	0.000	Min M <sub>y</sub>	-57.61	13.36	19.94	0.02	<b>-3.14</b>	10.66	CO 13
	575	0.000	Max M <sub>z</sub>	-68.82	8.01	11.88	0.01	-1.91	<b>12.72</b>	CO 19
	575	0.000	Min M <sub>z</sub>	0.13	-8.11	3.85	0.02	-0.72	<b>-4.43</b>	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
2081	1902	0.000	max N	<b>3.04</b>	0.00	0.72	-0.02	0.00	0.00	CO 8
			min N	<b>-51.17</b>	0.01	14.57	0.01	0.00	0.00	CO 19
			max V <sub>y</sub>	-42.80	<b>0.02</b>	11.37	0.01	0.00	0.00	CO 13
			min V <sub>y</sub>	-20.90	<b>0.00</b>	5.79	0.00	0.00	0.00	CO 2
			max V <sub>z</sub>	-50.41	0.00	<b>15.16</b>	-0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	3.04	0.00	<b>0.72</b>	-0.02	0.00	0.00	CO 8
			max M <sub>T</sub>	-29.91	0.02	7.27	<b>0.01</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	-30.45	0.00	11.33	<b>-0.03</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-8.03	0.00	1.71	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-30.45	0.00	11.33	-0.03	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-30.45	0.00	11.33	-0.03	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-42.80	0.02	11.37	0.01	0.00	<b>0.00</b>	CO 13
		1.817	max N	<b>3.09</b>	0.00	-1.11	-0.02	-0.36	0.00	CO 8
			min N	<b>-50.25</b>	0.01	-20.93	0.01	-5.83	-0.02	CO 19
			max V <sub>y</sub>	-29.44	<b>0.01</b>	-10.46	0.01	-2.91	-0.03	CO 15
			min V <sub>y</sub>	-20.52	<b>0.00</b>	-8.34	0.00	-2.32	0.00	CO 2
			max V <sub>z</sub>	-9.12	0.01	<b>-1.08</b>	0.01	-0.31	-0.02	CO 9
			min V <sub>z</sub>	-49.46	0.00	<b>-21.77</b>	-0.01	-6.06	0.00	CO 17
			max M <sub>T</sub>	-29.44	0.01	-10.46	<b>0.01</b>	-2.91	-0.03	CO 15
			min M <sub>T</sub>	-29.73	0.00	-16.35	<b>-0.03</b>	-4.59	0.00	CO 12
			max M <sub>y</sub>	-9.12	0.01	-1.08	0.01	<b>-0.31</b>	-0.02	CO 9
			min M <sub>y</sub>	-49.46	0.00	-21.77	-0.01	<b>-6.06</b>	0.00	CO 17
			max M <sub>z</sub>	-20.52	0.00	-8.34	0.00	-2.32	<b>0.00</b>	CO 2
			min M <sub>z</sub>	-42.08	0.01	-16.33	0.01	-4.54	<b>-0.03</b>	CO 13
			max N	<b>-9.66</b>	0.07	3.33	-0.04	-0.68	-0.02	CO 8
			min N	<b>-113.07</b>	0.01	26.13	-0.01	-5.89	0.00	CO 17
			max V <sub>y</sub>	-9.66	<b>0.07</b>	3.33	-0.04	-0.68	-0.02	CO 8
			min V <sub>y</sub>	-18.20	<b>0.00</b>	4.33	0.00	-0.82	0.00	CO 1
			max V <sub>z</sub>	-113.07	0.01	<b>26.13</b>	-0.01	-5.89	0.00	CO 17
			min V <sub>z</sub>	-15.11	0.02	<b>3.13</b>	0.01	-0.46	-0.01	CO 9
			max M <sub>T</sub>	-15.11	0.02	3.13	<b>0.01</b>	-0.46	-0.01	CO 9
			min M <sub>T</sub>	-84.65	0.07	20.53	<b>-0.04</b>	-4.67	-0.03	CO 12
			max M <sub>y</sub>	-15.11	0.02	3.13	0.01	<b>-0.46</b>	-0.01	CO 9
			min M <sub>y</sub>	-113.07	0.01	26.13	-0.01	<b>-5.89</b>	0.00	CO 17
			max M <sub>z</sub>	-18.20	0.00	4.33	0.00	-0.82	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-84.65	0.07	20.53	-0.04	-4.67	<b>-0.03</b>	CO 12
		2.067	max N	<b>-9.65</b>	0.07	3.08	-0.04	0.12	-0.04	CO 8
			min N	<b>-112.92</b>	0.01	21.13	-0.01	0.01	-0.01	CO 17
			max V <sub>y</sub>	-9.65	<b>0.07</b>	3.08	-0.04	0.12	-0.04	CO 8
			min V <sub>y</sub>	-18.18	<b>0.00</b>	3.76	0.00	0.19	0.00	CO 1
			max V <sub>z</sub>	-112.92	0.01	<b>21.13</b>	-0.01	0.01	-0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-15.10	0.02	<b>2.88</b>	0.01	0.29	-0.02	CO 9
			max M <sub>T</sub>	-15.10	0.02	2.88	<b>0.01</b>	0.29	-0.02	CO 9
			min M <sub>T</sub>	-84.54	0.07	16.77	<b>-0.04</b>	-0.01	-0.04	CO 12
			max M <sub>y</sub>	-15.10	0.02	2.88	0.01	<b>0.29</b>	-0.02	CO 9
			min M <sub>y</sub>	-107.84	0.04	20.71	-0.03	<b>-0.03</b>	-0.03	CO 18
			max M <sub>z</sub>	-18.18	0.00	3.76	0.00	0.19	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-56.13	0.07	11.58	-0.04	0.05	<b>-0.04</b>	CO 14
			max N	<b>-9.59</b>	-0.34	0.83	-0.04	0.12	-0.04	CO 8
			min N	<b>-112.70</b>	-0.04	13.42	-0.01	0.02	-0.01	CO 17
			max V <sub>y</sub>	-15.03	<b>0.02</b>	0.64	0.01	0.29	-0.02	CO 9
			min V <sub>y</sub>	-84.36	<b>-0.37</b>	10.23	-0.04	-0.02	-0.04	CO 12
			max V <sub>z</sub>	-112.70	-0.04	<b>13.42</b>	-0.01	0.02	-0.01	CO 17
			min V <sub>z</sub>	-15.03	0.02	<b>0.64</b>	0.01	0.29	-0.02	CO 9
			max M <sub>T</sub>	-15.03	0.02	0.64	<b>0.01</b>	0.29	-0.02	CO 9
			min M <sub>T</sub>	-84.36	-0.37	10.23	<b>-0.04</b>	-0.02	-0.04	CO 12
			max M <sub>y</sub>	-15.03	0.02	0.64	0.01	<b>0.29</b>	-0.02	CO 9
			min M <sub>y</sub>	-107.62	-0.25	13.01	-0.03	<b>-0.03</b>	-0.03	CO 18
			max M <sub>z</sub>	-18.12	-0.01	1.51	0.00	0.19	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-55.99	-0.36	6.61	-0.04	0.04	<b>-0.04</b>	CO 14
		3.385	max N	<b>-9.55</b>	-0.34	-0.49	-0.04	0.35	0.40	CO 8
			min N	<b>-111.96</b>	-0.04	-13.52	-0.01	-0.05	0.05	CO 17
			max V <sub>y</sub>	-15.00	<b>0.02</b>	-0.69	0.01	0.25	-0.05	CO 9
			min V <sub>y</sub>	-83.80	<b>-0.36</b>	-9.95	-0.04	0.17	0.44	CO 12
			max V <sub>z</sub>	-9.55	-0.34	<b>-0.49</b>	-0.04	0.35	0.40	CO 8
			min V <sub>z</sub>	-111.96	-0.04	<b>-13.52</b>	-0.01	-0.05	0.05	CO 17
			max M <sub>T</sub>	-15.00	0.02	-0.69	<b>0.01</b>	0.25	-0.05	CO 9
			min M <sub>T</sub>	-83.80	-0.36	-9.95	<b>-0.04</b>	0.17	0.44	CO 12
			max M <sub>y</sub>	-9.55	-0.34	-0.49	-0.04	<b>0.35</b>	0.40	CO 8
			min M <sub>y</sub>	-111.96	-0.04	-13.52	-0.01	<b>-0.05</b>	0.05	CO 17
			max M <sub>z</sub>	-83.80	-0.36	-9.95	-0.04	0.17	<b>0.44</b>	CO 12
			min M <sub>z</sub>	-15.00	0.02	-0.69	0.01	0.25	<b>-0.05</b>	CO 9
			max N	<b>-9.49</b>	0.40	-2.74	-0.04	0.34	0.40	CO 8
			min N	<b>-111.75</b>	0.05	-21.22	-0.01	-0.05	0.05	CO 17
			max V <sub>y</sub>	-83.63	<b>0.44</b>	-16.48	-0.04	0.17	0.44	CO 12
			min V <sub>y</sub>	-14.94	<b>-0.03</b>	-2.94	0.01	0.25	-0.05	CO 9
			max V <sub>z</sub>	-9.49	0.40	<b>-2.74</b>	-0.04	0.34	0.40	CO 8
			min V <sub>z</sub>	-111.75	0.05	<b>-21.22</b>	-0.01	-0.05	0.05	CO 17
			max M <sub>T</sub>	-14.94	-0.03	-2.94	<b>0.01</b>	0.25	-0.05	CO 9
			min M <sub>T</sub>	-83.63	0.44	-16.48	<b>-0.04</b>	0.17	0.44	CO 12
			max M <sub>y</sub>	-9.49	0.40	-2.74	-0.04	<b>0.34</b>	0.40	CO 8
			min M <sub>y</sub>	-111.75	0.05	-21.22	-0.01	<b>-0.05</b>	0.05	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-83.63	0.44	-16.48	-0.04	0.17	<b>0.44</b>	CO 12
			min M <sub>z</sub>	-14.94	-0.03	-2.94	0.01	0.25	<b>-0.05</b>	CO 9
		3.635	max N	<b>-9.49</b>	0.40	-2.99	-0.04	-0.37	0.30	CO 8
			min N	<b>-111.62</b>	0.05	-26.22	-0.01	-5.98	0.04	CO 17
			max V <sub>y</sub>	-83.53	<b>0.44</b>	-20.25	-0.04	-4.42	0.33	CO 12
			min V <sub>y</sub>	-14.93	<b>-0.03</b>	-3.19	0.01	-0.52	-0.04	CO 9
			max V <sub>z</sub>	-9.49	0.40	<b>-2.99</b>	-0.04	-0.37	0.30	CO 8
			min V <sub>z</sub>	-111.62	0.05	<b>-26.22</b>	-0.01	-5.98	0.04	CO 17
			max M <sub>T</sub>	-14.93	-0.03	-3.19	<b>0.01</b>	-0.52	-0.04	CO 9
			min M <sub>T</sub>	-83.53	0.44	-20.25	<b>-0.04</b>	-4.42	0.33	CO 12
			max M <sub>y</sub>	-9.49	0.40	-2.99	-0.04	<b>-0.37</b>	0.30	CO 8
			min M <sub>y</sub>	-111.62	0.05	-26.22	-0.01	<b>-5.98</b>	0.04	CO 17
			max M <sub>z</sub>	-83.53	0.44	-20.25	-0.04	-4.42	<b>0.33</b>	CO 12
			min M <sub>z</sub>	-14.93	-0.03	-3.19	0.01	-0.52	<b>-0.04</b>	CO 9
			max N	<b>-6.99</b>	-0.03	1.09	0.01	-0.32	-0.05	CO 9
			min N	<b>-45.67</b>	0.12	20.93	0.02	-5.85	0.24	CO 18
			max V <sub>y</sub>	-37.97	<b>0.19</b>	16.35	0.03	-4.57	0.36	CO 12
			min V <sub>y</sub>	-6.99	<b>-0.03</b>	1.09	0.01	-0.32	-0.05	CO 9
			max V <sub>z</sub>	-45.09	0.02	<b>21.77</b>	0.00	-6.08	0.04	CO 17
			min V <sub>z</sub>	-6.99	-0.03	<b>1.09</b>	0.01	-0.32	-0.05	CO 9
			max M <sub>T</sub>	-37.97	0.19	16.35	<b>0.03</b>	-4.57	0.36	CO 12
			min M <sub>T</sub>	-7.06	0.00	2.48	<b>0.00</b>	-0.70	0.01	CO 1
			max M <sub>y</sub>	-6.99	-0.03	1.09	0.01	<b>-0.32</b>	-0.05	CO 9
			min M <sub>y</sub>	-45.09	0.02	21.77	0.00	<b>-6.08</b>	0.04	CO 17
			max M <sub>z</sub>	-37.97	0.19	16.35	0.03	-4.57	<b>0.36</b>	CO 12
			min M <sub>z</sub>	-6.99	-0.03	1.09	0.01	-0.32	<b>-0.05</b>	CO 9
	1903	5.452	max N	<b>-6.94</b>	0.00	-1.71	0.00	0.00	0.00	CO 1
			min N	<b>-44.62</b>	0.13	-14.55	0.02	0.00	0.00	CO 18
			max V <sub>y</sub>	-37.17	<b>0.20</b>	-11.35	0.03	0.00	0.00	CO 12
			min V <sub>y</sub>	-6.94	<b>-0.03</b>	-0.74	0.01	0.00	0.00	CO 9
			max V <sub>z</sub>	-7.81	0.18	<b>-0.73</b>	0.02	0.00	0.00	CO 8
			min V <sub>z</sub>	-44.00	0.02	<b>-15.13</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-37.17	0.20	-11.35	<b>0.03</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-6.94	0.00	-1.71	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-6.94	0.00	-1.71	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-37.17	0.20	-11.35	0.03	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-37.17	0.20	-11.35	0.03	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-6.94	0.00	-1.71	0.00	0.00	<b>0.00</b>	CO 1
		1.817	Max N	<b>3.09</b>	0.00	-1.11	-0.02	-0.36	0.00	CO 8
		1.817	Min N	<b>-113.07</b>	0.01	26.13	-0.01	-5.89	0.00	CO 17
		3.635	Max V <sub>y</sub>	-83.53	<b>0.44</b>	-20.25	-0.04	-4.42	0.33	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		2.067	Min V <sub>y</sub>	-84.36	<b>-0.37</b>	10.23	-0.04	-0.02	-0.04	CO 12
		1.817	Max V <sub>z</sub>	-113.07	0.01	<b>26.13</b>	-0.01	-5.89	0.00	CO 17
		3.635	Min V <sub>z</sub>	-111.62	0.05	<b>-26.22</b>	-0.01	-5.98	0.04	CO 17
		4.933	Max M <sub>T</sub>	-37.41	0.20	-3.43	<b>0.03</b>	3.84	0.11	CO 12
		2.594	Min M <sub>T</sub>	-84.14	-0.37	2.17	<b>-0.04</b>	3.26	0.15	CO 12
		4.673	Max M <sub>y</sub>	-44.49	0.02	0.71	0.00	<b>5.63</b>	0.02	CO 17
		3.635	Min M <sub>y</sub>	-45.09	0.02	21.77	0.00	<b>-6.08</b>	0.04	CO 17
		3.385	Max M <sub>z</sub>	-83.80	-0.36	-9.95	-0.04	0.17	<b>0.44</b>	CO 12
		3.385	Min M <sub>z</sub>	-14.94	-0.03	-2.94	0.01	0.25	<b>-0.05</b>	CO 9
2082	1901	0.000	max N	<b>-1.18</b>	0.01	0.78	0.04	0.00	0.00	CO 8
			min N	<b>-33.48</b>	0.01	14.66	0.00	0.00	0.00	CO 19
			max V <sub>y</sub>	-30.24	<b>0.02</b>	11.46	0.00	0.00	0.00	CO 13
			min V <sub>y</sub>	-3.67	<b>0.00</b>	1.74	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-29.85	0.00	<b>15.22</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-1.18	0.01	<b>0.78</b>	0.04	0.00	0.00	CO 8
			max M <sub>T</sub>	-21.68	0.01	11.43	<b>0.04</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-9.55	0.01	0.79	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-17.03	0.01	4.89	0.00	<b>0.00</b>	0.00	CO 11
			min M <sub>y</sub>	-21.68	0.01	11.43	0.04	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-30.24	0.02	11.46	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-21.68	0.01	11.43	0.04	0.00	<b>0.00</b>	CO 12
		1.817	max N	<b>-1.13</b>	0.01	-1.05	0.04	-0.25	-0.01	CO 8
			min N	<b>-32.56</b>	0.00	-20.80	0.00	-5.61	-0.02	CO 19
			max V <sub>y</sub>	-20.95	<b>0.01</b>	-16.23	0.04	-4.38	-0.02	CO 12
			min V <sub>y</sub>	-3.55	<b>0.00</b>	-2.44	0.00	-0.64	0.00	CO 1
			max V <sub>z</sub>	-9.50	0.01	<b>-1.03</b>	0.00	-0.22	-0.01	CO 9
			min V <sub>z</sub>	-28.88	0.00	<b>-21.64</b>	0.00	-5.86	-0.01	CO 17
			max M <sub>T</sub>	-1.13	0.01	-1.05	<b>0.04</b>	-0.25	-0.01	CO 8
			min M <sub>T</sub>	-9.50	0.01	-1.03	<b>0.00</b>	-0.22	-0.01	CO 9
			max M <sub>y</sub>	-9.50	0.01	-1.03	0.00	<b>-0.22</b>	-0.01	CO 9
			min M <sub>y</sub>	-28.88	0.00	-21.64	0.00	<b>-5.86</b>	-0.01	CO 17
			max M <sub>z</sub>	-3.55	0.00	-2.44	0.00	-0.64	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-29.51	0.01	-16.22	0.00	-4.35	<b>-0.02</b>	CO 13
			max N	<b>-10.77</b>	0.00	2.09	0.00	-0.54	0.00	CO 1
			min N	<b>-84.13</b>	0.00	17.71	0.00	-4.74	-0.01	CO 19
			max V <sub>y</sub>	-67.58	<b>0.01</b>	14.01	0.03	-3.85	0.01	CO 12
			min V <sub>y</sub>	-13.27	<b>0.00</b>	0.91	0.00	-0.19	-0.01	CO 9
			max V <sub>z</sub>	-82.51	0.00	<b>18.42</b>	0.00	-4.95	0.00	CO 17
			min V <sub>z</sub>	-13.27	0.00	<b>0.91</b>	0.00	-0.19	-0.01	CO 9
			max M <sub>T</sub>	-32.26	0.01	6.06	<b>0.03</b>	-1.71	0.01	CO 10
			min M <sub>T</sub>	-13.27	0.00	0.91	<b>0.00</b>	-0.19	-0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-13.27	0.00	0.91	0.00	<b>-0.19</b>	-0.01	CO 9
			min M <sub>y</sub>	-82.51	0.00	18.42	0.00	<b>-4.95</b>	0.00	CO 17
			max M <sub>z</sub>	-10.94	0.01	1.09	0.03	-0.36	<b>0.01</b>	CO 8
			min M <sub>z</sub>	-70.03	0.00	13.82	0.00	-3.67	<b>-0.02</b>	CO 13
		3.635	max N	<b>-10.65</b>	0.00	-2.09	0.00	-0.54	0.00	CO 1
			min N	<b>-83.15</b>	0.00	-17.71	0.00	-4.75	-0.01	CO 19
			max V <sub>y</sub>	-66.82	<b>0.01</b>	-13.65	0.03	-3.52	-0.02	CO 12
			min V <sub>y</sub>	-69.27	<b>-0.01</b>	-13.83	0.00	-3.68	-0.01	CO 13
			max V <sub>z</sub>	-10.89	0.01	<b>-0.73</b>	0.03	-0.04	-0.01	CO 8
			min V <sub>z</sub>	-81.50	0.00	<b>-18.42</b>	0.00	-4.96	0.00	CO 17
			max M <sub>T</sub>	-31.93	0.01	-5.70	<b>0.03</b>	-1.38	-0.01	CO 10
			min M <sub>T</sub>	-13.22	0.00	-0.92	<b>0.00</b>	-0.20	-0.01	CO 9
			max M <sub>y</sub>	-10.89	0.01	-0.73	0.03	<b>-0.04</b>	-0.01	CO 8
			min M <sub>y</sub>	-81.50	0.00	-18.42	0.00	<b>-4.96</b>	0.00	CO 17
			max M <sub>z</sub>	-10.65	0.00	-2.09	0.00	-0.54	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-66.82	0.01	-13.65	0.03	-3.52	<b>-0.02</b>	CO 12
			max N	<b>-3.43</b>	0.00	2.45	0.00	-0.64	0.00	CO 1
			min N	<b>-33.71</b>	0.00	20.80	0.03	-5.62	0.00	CO 18
			max V <sub>y</sub>	-12.96	<b>0.00</b>	1.03	0.04	-0.21	0.00	CO 8
			min V <sub>y</sub>	-16.14	<b>-0.01</b>	6.87	0.00	-1.81	-0.01	CO 11
			max V <sub>z</sub>	-27.92	0.00	<b>21.64</b>	0.00	-5.87	-0.01	CO 17
			min V <sub>z</sub>	-12.96	0.00	<b>1.03</b>	0.04	-0.21	0.00	CO 8
			max M <sub>T</sub>	-32.28	0.00	16.22	<b>0.04</b>	-4.35	0.00	CO 12
			min M <sub>T</sub>	-28.50	-0.01	16.22	<b>0.00</b>	-4.36	-0.02	CO 13
			max M <sub>y</sub>	-12.96	0.00	1.03	0.04	<b>-0.21</b>	0.00	CO 8
			min M <sub>y</sub>	-27.92	0.00	21.64	0.00	<b>-5.87</b>	-0.01	CO 17
			max M <sub>z</sub>	-12.96	0.00	1.03	0.04	-0.21	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-28.50	-0.01	16.22	0.00	-4.36	<b>-0.02</b>	CO 13
	1904	5.452	max N	<b>-3.31</b>	0.00	-1.74	0.00	0.00	0.00	CO 1
			min N	<b>-32.68</b>	0.00	-14.65	0.03	0.00	0.00	CO 18
			max V <sub>y</sub>	-12.91	<b>0.00</b>	-0.80	0.04	0.00	0.00	CO 8
			min V <sub>y</sub>	-27.71	<b>-0.02</b>	-11.45	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	-9.10	-0.01	<b>-0.79</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-26.85	0.00	<b>-15.21</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-31.49	0.00	-11.46	<b>0.04</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-27.71	-0.02	-11.45	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-26.85	0.00	-15.21	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-31.49	0.00	-11.46	0.04	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-31.49	0.00	-11.46	0.04	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-27.71	-0.02	-11.45	0.00	0.00	<b>0.00</b>	CO 13
		1.817	Max N	<b>-1.13</b>	0.01	-1.05	0.04	-0.25	-0.01	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.817	Min N	<b>-84.13</b>	0.00	17.71	0.00	-4.74	-0.01	CO 19
	1901	0.000	Max V <sub>y</sub>	-30.24	<b>0.02</b>	11.46	0.00	0.00	0.00	CO 13
	1904	5.452	Min V <sub>y</sub>	-27.71	<b>-0.02</b>	-11.45	0.00	0.00	0.00	CO 13
		3.635	Max V <sub>z</sub>	-27.92	0.00	<b>21.64</b>	0.00	-5.87	-0.01	CO 17
		1.817	Min V <sub>z</sub>	-28.88	0.00	<b>-21.64</b>	0.00	-5.86	-0.01	CO 17
		4.673	Max M <sub>T</sub>	-31.84	0.00	0.42	<b>0.04</b>	4.31	0.00	CO 12
		1.817	Min M <sub>T</sub>	-9.50	0.01	-1.03	<b>0.00</b>	-0.22	-0.01	CO 9
		4.673	Max M <sub>y</sub>	-27.33	0.00	0.60	0.00	<b>5.70</b>	0.00	CO 17
		3.635	Min M <sub>y</sub>	-27.92	0.00	21.64	0.00	<b>-5.87</b>	-0.01	CO 17
		1.817	Max M <sub>z</sub>	-10.94	0.01	1.09	0.03	-0.36	<b>0.01</b>	CO 8
		1.817	Min M <sub>z</sub>	-29.51	0.01	-16.22	0.00	-4.35	<b>-0.02</b>	CO 13
2083	1905	0.000	max N	<b>0.48</b>	0.15	-1.68	0.02	0.00	0.00	CO 8
			min N	<b>-49.80</b>	0.00	15.16	-0.01	0.00	0.00	CO 19
			max V <sub>y</sub>	0.48	<b>0.15</b>	-1.68	0.02	0.00	0.00	CO 8
			min V <sub>y</sub>	-47.55	<b>-0.02</b>	15.15	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-49.80	0.00	<b>15.16</b>	-0.01	0.00	0.00	CO 19
			min V <sub>z</sub>	0.48	0.15	<b>-1.68</b>	0.02	0.00	0.00	CO 8
			max M <sub>T</sub>	-31.06	0.14	8.92	<b>0.02</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-11.11	0.02	1.72	<b>-0.01</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-7.46	0.00	1.71	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-31.06	0.14	8.92	0.02	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-42.82	0.02	12.35	-0.01	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-31.06	0.14	8.92	0.02	0.00	<b>0.00</b>	CO 12
			max N	<b>0.48</b>	0.15	-1.68	0.02	0.00	0.00	CO 8
			min N	<b>-49.80</b>	0.00	15.16	-0.01	0.00	0.00	CO 19
			max V <sub>y</sub>	0.48	<b>0.15</b>	-1.68	0.02	0.00	0.00	CO 8
			min V <sub>y</sub>	-47.55	<b>-0.02</b>	15.15	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-49.80	0.00	<b>15.16</b>	-0.01	0.00	0.00	CO 19
			min V <sub>z</sub>	0.48	0.15	<b>-1.68</b>	0.02	0.00	0.00	CO 8
			max M <sub>T</sub>	-31.06	0.14	8.92	<b>0.02</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-11.11	0.02	1.72	<b>-0.01</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-47.55	-0.02	15.15	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	0.48	0.15	-1.68	0.02	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-42.82	0.02	12.35	-0.01	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-31.06	0.14	8.92	0.02	0.00	<b>0.00</b>	CO 12
		1.817	max N	<b>0.37</b>	0.15	2.35	0.02	0.61	-0.27	CO 8
			min N	<b>-48.85</b>	0.00	-21.76	-0.01	-6.06	0.00	CO 19
			max V <sub>y</sub>	0.37	<b>0.15</b>	2.35	0.02	0.61	-0.27	CO 8
			min V <sub>y</sub>	-46.60	<b>-0.02</b>	-21.77	0.00	-6.07	0.03	CO 17
			max V <sub>z</sub>	0.37	0.15	<b>2.35</b>	0.02	0.61	-0.27	CO 8
			min V <sub>z</sub>	-46.60	-0.02	<b>-21.77</b>	0.00	-6.07	0.03	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-30.49	0.13	-12.88	<b>0.02</b>	-3.62	-0.25	CO 12
			min M <sub>T</sub>	-11.00	0.02	-2.47	<b>-0.01</b>	-0.68	-0.04	CO 9
			max M <sub>y</sub>	0.37	0.15	2.35	0.02	<b>0.61</b>	-0.27	CO 8
			min M <sub>y</sub>	-46.60	-0.02	-21.77	0.00	<b>-6.07</b>	0.03	CO 17
			max M <sub>z</sub>	-46.60	-0.02	-21.77	0.00	-6.07	<b>0.03</b>	CO 17
			min M <sub>z</sub>	0.37	0.15	2.35	0.02	0.61	<b>-0.27</b>	CO 8
			max N	<b>-3.69</b>	0.32	0.43	-0.03	0.11	-0.25	CO 8
			min N	<b>-115.60</b>	-0.02	26.23	0.00	-5.96	0.00	CO 19
			max V <sub>y</sub>	-3.69	<b>0.32</b>	0.43	-0.03	0.11	-0.25	CO 8
			min V <sub>y</sub>	-113.20	<b>-0.05</b>	26.22	0.01	-5.97	0.03	CO 17
			max V <sub>z</sub>	-115.60	-0.02	<b>26.23</b>	0.00	-5.96	0.00	CO 19
			min V <sub>z</sub>	-3.69	0.32	<b>0.43</b>	-0.03	0.11	-0.25	CO 8
			max M <sub>T</sub>	-113.20	-0.05	26.22	<b>0.01</b>	-5.97	0.03	CO 17
			min M <sub>T</sub>	-3.69	0.32	0.43	<b>-0.03</b>	0.11	-0.25	CO 8
			max M <sub>y</sub>	-3.69	0.32	0.43	-0.03	<b>0.11</b>	-0.25	CO 8
			min M <sub>y</sub>	-113.20	-0.05	26.22	0.01	<b>-5.97</b>	0.03	CO 17
			max M <sub>z</sub>	-113.20	-0.05	26.22	0.01	-5.97	<b>0.03</b>	CO 17
			min M <sub>z</sub>	-3.69	0.32	0.43	-0.03	0.11	<b>-0.25</b>	CO 8
		2.067	max N	<b>-3.71</b>	0.32	0.99	-0.03	0.29	-0.32	CO 8
			min N	<b>-115.46</b>	-0.02	21.23	0.00	-0.03	0.01	CO 19
			max V <sub>y</sub>	-3.71	<b>0.32</b>	0.99	-0.03	0.29	-0.32	CO 8
			min V <sub>y</sub>	-113.05	<b>-0.04</b>	21.22	0.01	-0.05	0.04	CO 17
			max V <sub>z</sub>	-115.46	-0.02	<b>21.23</b>	0.00	-0.03	0.01	CO 19
			min V <sub>z</sub>	-3.71	0.32	<b>0.99</b>	-0.03	0.29	-0.32	CO 8
			max M <sub>T</sub>	-113.05	-0.04	21.22	<b>0.01</b>	-0.05	0.04	CO 17
			min M <sub>T</sub>	-3.71	0.32	0.99	<b>-0.03</b>	0.29	-0.32	CO 8
			max M <sub>y</sub>	-3.71	0.32	0.99	-0.03	<b>0.29</b>	-0.32	CO 8
			min M <sub>y</sub>	-113.05	-0.04	21.22	0.01	<b>-0.05</b>	0.04	CO 17
			max M <sub>z</sub>	-113.05	-0.04	21.22	0.01	-0.05	<b>0.04</b>	CO 17
			min M <sub>z</sub>	-3.71	0.32	0.99	-0.03	0.29	<b>-0.32</b>	CO 8
			max N	<b>-3.65</b>	-0.29	-1.26	-0.03	0.29	-0.32	CO 8
			min N	<b>-115.24</b>	0.02	13.53	0.00	-0.03	0.01	CO 19
			max V <sub>y</sub>	-112.84	<b>0.04</b>	13.51	0.01	-0.04	0.04	CO 17
			min V <sub>y</sub>	-3.65	<b>-0.29</b>	-1.26	-0.03	0.29	-0.32	CO 8
			max V <sub>z</sub>	-115.24	0.02	<b>13.53</b>	0.00	-0.03	0.01	CO 19
			min V <sub>z</sub>	-3.65	-0.29	<b>-1.26</b>	-0.03	0.29	-0.32	CO 8
			max M <sub>T</sub>	-112.84	0.04	13.51	<b>0.01</b>	-0.04	0.04	CO 17
			min M <sub>T</sub>	-3.65	-0.29	-1.26	<b>-0.03</b>	0.29	-0.32	CO 8
			max M <sub>y</sub>	-3.65	-0.29	-1.26	-0.03	<b>0.29</b>	-0.32	CO 8
			min M <sub>y</sub>	-112.84	0.04	13.51	0.01	<b>-0.04</b>	0.04	CO 17
			max M <sub>z</sub>	-112.84	0.04	13.51	0.01	-0.04	<b>0.04</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-3.65	-0.29	-1.26	-0.03	0.29	<b>-0.32</b>	CO 8
		3.385	max N	<b>-3.73</b>	-0.29	1.67	-0.03	0.56	0.06	CO 8
			min N	<b>-114.50</b>	0.02	-13.42	0.00	0.04	-0.02	CO 19
			max V <sub>y</sub>	-112.10	<b>0.04</b>	-13.43	0.01	0.01	-0.01	CO 17
			min V <sub>y</sub>	-3.73	<b>-0.29</b>	1.67	-0.03	0.56	0.06	CO 8
			max V <sub>z</sub>	-3.73	-0.29	<b>1.67</b>	-0.03	0.56	0.06	CO 8
			min V <sub>z</sub>	-112.10	0.04	<b>-13.43</b>	0.01	0.01	-0.01	CO 17
			max M <sub>T</sub>	-112.10	0.04	-13.43	<b>0.01</b>	0.01	-0.01	CO 17
			min M <sub>T</sub>	-3.73	-0.29	1.67	<b>-0.03</b>	0.56	0.06	CO 8
			max M <sub>y</sub>	-3.73	-0.29	1.67	-0.03	<b>0.56</b>	0.06	CO 8
			min M <sub>y</sub>	-112.10	0.04	-13.43	0.01	<b>0.01</b>	-0.01	CO 17
			max M <sub>z</sub>	-3.73	-0.29	1.67	-0.03	0.56	<b>0.06</b>	CO 8
			min M <sub>z</sub>	-96.34	0.00	-10.91	-0.01	0.09	<b>-0.03</b>	CO 13
			max N	<b>-3.67</b>	0.09	-0.58	-0.03	0.55	0.06	CO 8
			min N	<b>-114.29</b>	-0.02	-21.12	0.00	0.04	-0.02	CO 19
			max V <sub>y</sub>	-3.67	<b>0.09</b>	-0.58	-0.03	0.55	0.06	CO 8
			min V <sub>y</sub>	-96.17	<b>-0.03</b>	-17.45	-0.01	0.10	-0.03	CO 13
			max V <sub>z</sub>	-3.67	0.09	<b>-0.58</b>	-0.03	0.55	0.06	CO 8
			min V <sub>z</sub>	-111.89	-0.01	<b>-21.13</b>	0.01	0.01	-0.01	CO 17
			max M <sub>T</sub>	-111.89	-0.01	-21.13	<b>0.01</b>	0.01	-0.01	CO 17
			min M <sub>T</sub>	-3.67	0.09	-0.58	<b>-0.03</b>	0.55	0.06	CO 8
			max M <sub>y</sub>	-3.67	0.09	-0.58	-0.03	<b>0.55</b>	0.06	CO 8
			min M <sub>y</sub>	-111.89	-0.01	-21.13	0.01	<b>0.01</b>	-0.01	CO 17
			max M <sub>z</sub>	-3.67	0.09	-0.58	-0.03	0.55	<b>0.06</b>	CO 8
			min M <sub>z</sub>	-96.17	-0.03	-17.45	-0.01	0.10	<b>-0.03</b>	CO 13
		3.635	max N	<b>-3.68</b>	0.09	-0.03	-0.03	0.48	0.04	CO 8
			min N	<b>-114.16</b>	-0.02	-26.13	0.00	-5.87	-0.01	CO 19
			max V <sub>y</sub>	-3.68	<b>0.09</b>	-0.03	-0.03	0.48	0.04	CO 8
			min V <sub>y</sub>	-96.06	<b>-0.03</b>	-21.53	-0.01	-4.77	-0.02	CO 13
			max V <sub>z</sub>	-3.68	0.09	<b>-0.03</b>	-0.03	0.48	0.04	CO 8
			min V <sub>z</sub>	-111.75	-0.01	<b>-26.13</b>	0.01	-5.90	0.00	CO 17
			max M <sub>T</sub>	-111.75	-0.01	-26.13	<b>0.01</b>	-5.90	0.00	CO 17
			min M <sub>T</sub>	-3.68	0.09	-0.03	<b>-0.03</b>	0.48	0.04	CO 8
			max M <sub>y</sub>	-3.68	0.09	-0.03	-0.03	<b>0.48</b>	0.04	CO 8
			min M <sub>y</sub>	-111.75	-0.01	-26.13	0.01	<b>-5.90</b>	0.00	CO 17
			max M <sub>z</sub>	-3.68	0.09	-0.03	-0.03	0.48	<b>0.04</b>	CO 8
			min M <sub>z</sub>	-96.06	-0.03	-21.53	-0.01	-4.77	<b>-0.02</b>	CO 13
			max N	<b>-7.71</b>	0.00	2.48	0.00	-0.70	0.00	CO 1
			min N	<b>-51.19</b>	-0.01	21.76	-0.01	-6.06	-0.02	CO 19
			max V <sub>y</sub>	-9.40	<b>0.02</b>	-2.85	-0.01	0.80	0.03	CO 8
			min V <sub>y</sub>	-32.29	<b>-0.01</b>	11.85	-0.02	-3.29	-0.02	CO 15

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-48.23	0.00	<b>21.77</b>	0.01	-6.07	0.00	CO 17
			min V <sub>z</sub>	-9.40	0.02	<b>-2.85</b>	-0.01	0.80	0.03	CO 8
			max M <sub>T</sub>	-48.23	0.00	21.77	<b>0.01</b>	-6.07	0.00	CO 17
			min M <sub>T</sub>	-12.54	-0.01	2.47	<b>-0.02</b>	-0.68	-0.01	CO 9
			max M <sub>y</sub>	-9.40	0.02	-2.85	-0.01	<b>0.80</b>	0.03	CO 8
			min M <sub>y</sub>	-48.23	0.00	21.77	0.01	<b>-6.07</b>	0.00	CO 17
			max M <sub>z</sub>	-9.40	0.02	-2.85	-0.01	0.80	<b>0.03</b>	CO 8
			min M <sub>z</sub>	-44.70	-0.01	17.73	-0.01	-4.92	<b>-0.02</b>	CO 13
		3.950	max N	<b>-7.69</b>	0.00	1.75	0.00	-0.03	0.00	CO 1
			min N	<b>-51.00</b>	-0.01	15.41	-0.01	-0.20	-0.01	CO 19
			max V <sub>y</sub>	-9.42	<b>0.02</b>	-2.15	-0.01	0.01	0.02	CO 8
			min V <sub>y</sub>	-44.55	<b>-0.01</b>	12.55	-0.02	-0.15	-0.02	CO 13
			max V <sub>z</sub>	-48.04	0.00	<b>15.42</b>	0.01	-0.21	0.00	CO 17
			min V <sub>z</sub>	-9.42	0.02	<b>-2.15</b>	-0.01	0.01	0.02	CO 8
			max M <sub>T</sub>	-48.04	0.00	15.42	<b>0.01</b>	-0.21	0.00	CO 17
			min M <sub>T</sub>	-32.19	-0.01	8.38	<b>-0.02</b>	-0.10	-0.02	CO 15
			max M <sub>y</sub>	-9.42	0.02	-2.15	-0.01	<b>0.01</b>	0.02	CO 8
			min M <sub>y</sub>	-48.04	0.00	15.42	0.01	<b>-0.21</b>	0.00	CO 17
			max M <sub>z</sub>	-9.42	0.02	-2.15	-0.01	0.01	<b>0.02</b>	CO 8
			min M <sub>z</sub>	-44.55	-0.01	12.55	-0.02	-0.15	<b>-0.02</b>	CO 13
			max N	<b>-7.69</b>	0.00	1.75	0.00	-0.03	0.00	CO 1
			min N	<b>-51.00</b>	-0.01	15.41	-0.01	-0.20	-0.01	CO 19
			max V <sub>y</sub>	-9.42	<b>0.02</b>	-2.15	-0.01	0.01	0.02	CO 8
			min V <sub>y</sub>	-44.55	<b>-0.01</b>	12.55	-0.02	-0.15	-0.02	CO 13
			max V <sub>z</sub>	-48.04	0.00	<b>15.42</b>	0.01	-0.21	0.00	CO 17
			min V <sub>z</sub>	-9.42	0.02	<b>-2.15</b>	-0.01	0.01	0.02	CO 8
			max M <sub>T</sub>	-48.04	0.00	15.42	<b>0.01</b>	-0.21	0.00	CO 17
			min M <sub>T</sub>	-32.19	-0.01	8.38	<b>-0.02</b>	-0.10	-0.02	CO 15
			max M <sub>y</sub>	-9.42	0.02	-2.15	-0.01	<b>0.01</b>	0.02	CO 8
			min M <sub>y</sub>	-48.04	0.00	15.42	0.01	<b>-0.21</b>	0.00	CO 17
			max M <sub>z</sub>	-9.42	0.02	-2.15	-0.01	0.01	<b>0.02</b>	CO 8
			min M <sub>z</sub>	-44.55	-0.01	12.55	-0.02	-0.15	<b>-0.02</b>	CO 13
		5.452	max N	<b>-7.60</b>	0.00	-1.71	0.00	0.00	0.00	CO 1
			min N	<b>-50.10</b>	-0.01	-15.15	-0.01	0.00	0.00	CO 19
			max V <sub>y</sub>	-9.54	<b>0.02</b>	2.13	-0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	-43.82	<b>-0.02</b>	-12.35	-0.02	0.00	0.00	CO 13
			max V <sub>z</sub>	-9.54	0.02	<b>2.13</b>	-0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	-50.10	-0.01	<b>-15.15</b>	-0.01	0.00	0.00	CO 19
			max M <sub>T</sub>	-47.14	0.00	-15.14	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-31.71	-0.01	-8.25	<b>-0.02</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	-47.14	0.00	-15.14	0.01	<b>0.00</b>	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-9.54	0.02	2.13	-0.01	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-47.14	0.00	-15.14	0.01	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-43.82	-0.02	-12.35	-0.02	0.00	<b>0.00</b>	CO 13
	1910		max N	<b>-7.60</b>	0.00	-1.71	0.00	0.00	0.00	CO 1
			min N	<b>-50.10</b>	-0.01	-15.16	-0.01	0.00	0.00	CO 19
			max V <sub>y</sub>	-9.54	<b>0.02</b>	2.13	-0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	-43.82	<b>-0.02</b>	-12.35	-0.02	0.00	0.00	CO 13
			max V <sub>z</sub>	-9.54	0.02	<b>2.13</b>	-0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	-50.10	-0.01	<b>-15.16</b>	-0.01	0.00	0.00	CO 19
			max M <sub>T</sub>	-47.14	0.00	-15.14	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-31.71	-0.01	-8.25	<b>-0.02</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	-7.60	0.00	-1.71	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-12.42	-0.01	-1.72	-0.02	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-47.14	0.00	-15.14	0.01	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-43.82	-0.02	-12.35	-0.02	0.00	<b>0.00</b>	CO 13
	1905	0.000	Max N	<b>0.48</b>	0.15	-1.68	0.02	0.00	0.00	CO 8
		1.817	Min N	<b>-115.60</b>	-0.02	26.23	0.00	-5.96	0.00	CO 19
		1.817	Max V <sub>y</sub>	-3.69	<b>0.32</b>	0.43	-0.03	0.11	-0.25	CO 8
		2.858	Min V <sub>y</sub>	-3.69	<b>-0.29</b>	0.50	-0.03	-0.01	-0.09	CO 8
		1.817	Max V <sub>z</sub>	-115.60	-0.02	<b>26.23</b>	0.00	-5.96	0.00	CO 19
		3.635	Min V <sub>z</sub>	-111.75	-0.01	<b>-26.13</b>	0.01	-5.90	0.00	CO 17
		0.682	Max M <sub>T</sub>	-30.85	0.14	0.74	<b>0.02</b>	3.30	-0.10	CO 12
		3.385	Min M <sub>T</sub>	-3.73	-0.29	1.67	<b>-0.03</b>	0.56	0.06	CO 8
		4.673	Max M <sub>y</sub>	-50.59	-0.01	0.70	-0.01	<b>5.64</b>	-0.01	CO 19
		3.635	Min M <sub>y</sub>	-48.23	0.00	21.77	0.01	<b>-6.07</b>	0.00	CO 17
		3.385	Max M <sub>z</sub>	-3.67	0.09	-0.58	-0.03	0.55	<b>0.06</b>	CO 8
		2.067	Min M <sub>z</sub>	-3.71	0.32	0.99	-0.03	0.29	<b>-0.32</b>	CO 8
2088	1698	0.000	max N	<b>-1.80</b>	-6.50	0.00	0.00	0.00	-3.25	CO 15
			min N	<b>-1.81</b>	0.00	4.06	0.00	-2.03	0.00	CO 18
			max V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 2
			min V <sub>y</sub>	-1.80	<b>-6.50</b>	0.00	0.00	0.00	-3.25	CO 15
			max V <sub>z</sub>	-1.80	0.00	<b>6.76</b>	0.00	-3.38	0.00	CO 8
			min V <sub>z</sub>	-1.80	-3.90	<b>0.00</b>	0.00	0.00	-1.95	CO 19
			max M <sub>T</sub>	-1.80	-6.50	0.00	<b>0.00</b>	0.00	-3.25	CO 13
			min M <sub>T</sub>	-1.80	0.00	6.76	<b>0.00</b>	-3.38	0.00	CO 10
			max M <sub>y</sub>	-1.80	-3.90	0.00	0.00	<b>0.00</b>	-1.95	CO 19
			min M <sub>y</sub>	-1.80	0.00	6.76	0.00	<b>-3.38</b>	0.00	CO 8
			max M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 2
			min M <sub>z</sub>	-1.80	-6.50	0.00	0.00	0.00	<b>-3.25</b>	CO 15
	1826	1.000	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1826	1.000	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1698	0.000	Min N	<b>-1.81</b>	0.00	4.06	0.00	-2.03	0.00	CO 18
	1698	0.000	Max V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 2
	1698	0.000	Min V <sub>y</sub>	-1.80	<b>-6.50</b>	0.00	0.00	0.00	-3.25	CO 15
	1698	0.000	Max V <sub>z</sub>	-1.80	0.00	<b>6.76</b>	0.00	-3.38	0.00	CO 8
	1698	0.000	Min V <sub>z</sub>	-1.80	-3.90	<b>0.00</b>	0.00	0.00	-1.95	CO 19
	1698	0.000	Max M <sub>T</sub>	-1.80	-6.50	0.00	<b>0.00</b>	0.00	-3.25	CO 13
	1698	0.000	Min M <sub>T</sub>	-1.80	0.00	6.76	<b>0.00</b>	-3.38	0.00	CO 10
	1698	0.000	Max M <sub>y</sub>	-1.80	-3.90	0.00	0.00	<b>0.00</b>	-1.95	CO 19
	1698	0.000	Min M <sub>y</sub>	-1.80	0.00	6.76	0.00	<b>-3.38</b>	0.00	CO 8
	1698	0.000	Max M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 2
	1698	0.000	Min M <sub>z</sub>	-1.80	-6.50	0.00	0.00	0.00	<b>-3.25</b>	CO 15
2090	433	0.000	max N	<b>-0.94</b>	0.00	-3.53	0.00	0.92	0.00	CO 12
			min N	<b>-0.94</b>	2.04	0.00	0.00	0.00	0.53	CO 4
			max V <sub>y</sub>	-0.94	<b>3.39</b>	0.00	0.00	0.00	0.89	CO 15
			min V <sub>y</sub>	-0.94	<b>0.00</b>	-2.12	0.00	0.55	0.00	CO 18
			max V <sub>z</sub>	-0.94	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.94	0.00	<b>-3.53</b>	0.00	0.92	0.00	CO 12
			max M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-0.94	3.39	0.00	<b>0.00</b>	0.00	0.89	CO 13
			max M <sub>y</sub>	-0.94	0.00	-3.53	0.00	<b>0.92</b>	0.00	CO 12
			min M <sub>y</sub>	-0.94	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-0.94	3.39	0.00	0.00	0.00	<b>0.89</b>	CO 15
			min M <sub>z</sub>	-0.94	0.00	-2.12	0.00	0.55	<b>0.00</b>	CO 18
	1828	0.522	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1828	0.522	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	433	0.000	Min N	<b>-0.94</b>	2.04	0.00	0.00	0.00	0.53	CO 4
	433	0.000	Max V <sub>y</sub>	-0.94	<b>3.39</b>	0.00	0.00	0.00	0.89	CO 15
	433	0.000	Min V <sub>y</sub>	-0.94	<b>0.00</b>	-2.12	0.00	0.55	0.00	CO 18
	1828	0.522	Max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
	433	0.000	Min V <sub>z</sub>	-0.94	0.00	<b>-3.53</b>	0.00	0.92	0.00	CO 12
	433	0.000	Max M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	433	0.000	Min M <sub>T</sub>	-0.94	3.39	0.00	<b>0.00</b>	0.00	0.89	CO 13
	433	0.000	Max M <sub>y</sub>	-0.94	0.00	-3.53	0.00	<b>0.92</b>	0.00	CO 12
	1828	0.522	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
	433	0.000	Max M <sub>z</sub>	-0.94	3.39	0.00	0.00	0.00	<b>0.89</b>	CO 15
	433	0.000	Min M <sub>z</sub>	-0.94	0.00	-2.12	0.00	0.55	<b>0.00</b>	CO 18
2092	1838	0.000	max N	<b>83.63</b>	0.03	4.26	0.01	-3.31	0.02	CO 17
			min N	<b>11.02</b>	0.01	0.33	0.01	-0.24	0.01	CO 9
			max V <sub>y</sub>	67.98	<b>0.30</b>	0.27	0.17	-0.11	0.31	CO 12
			min V <sub>y</sub>	14.55	<b>0.01</b>	0.74	0.00	-0.55	0.00	CO 1
			max V <sub>z</sub>	83.63	0.03	<b>4.26</b>	0.01	-3.31	0.02	CO 17
			min V <sub>z</sub>	13.20	0.27	<b>-2.37</b>	0.16	2.03	0.30	CO 8
			max M <sub>T</sub>	67.98	0.30	0.27	<b>0.17</b>	-0.11	0.31	CO 12
			min M <sub>T</sub>	14.55	0.01	0.74	<b>0.00</b>	-0.55	0.00	CO 1
			max M <sub>y</sub>	13.20	0.27	-2.37	0.16	<b>2.03</b>	0.30	CO 8
			min M <sub>y</sub>	83.63	0.03	4.26	0.01	<b>-3.31</b>	0.02	CO 17
			max M <sub>z</sub>	67.98	0.30	0.27	0.17	-0.11	<b>0.31</b>	CO 12
			min M <sub>z</sub>	14.55	0.01	0.74	0.00	-0.55	<b>0.00</b>	CO 1
	445	1.129	max N	<b>83.50</b>	0.03	3.92	0.01	1.24	-0.01	CO 17
			min N	<b>10.89</b>	0.01	0.15	0.01	0.02	0.00	CO 9
			max V <sub>y</sub>	67.84	<b>0.28</b>	0.10	0.17	0.10	0.00	CO 12
			min V <sub>y</sub>	14.42	<b>0.01</b>	0.56	0.00	0.18	0.00	CO 1
			max V <sub>z</sub>	83.50	0.03	<b>3.92</b>	0.01	1.24	-0.01	CO 17
			min V <sub>z</sub>	13.07	0.26	<b>-2.53</b>	0.15	-0.73	0.00	CO 8
			max M <sub>T</sub>	67.84	0.28	0.10	<b>0.17</b>	0.10	0.00	CO 12
			min M <sub>T</sub>	14.42	0.01	0.56	<b>0.00</b>	0.18	0.00	CO 1
			max M <sub>y</sub>	83.50	0.03	3.92	0.01	<b>1.24</b>	-0.01	CO 17
			min M <sub>y</sub>	13.07	0.26	-2.53	0.15	<b>-0.73</b>	0.00	CO 8
			max M <sub>z</sub>	13.07	0.26	-2.53	0.15	-0.73	<b>0.00</b>	CO 8
			min M <sub>z</sub>	81.36	0.03	3.67	0.02	1.14	<b>-0.01</b>	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1838	0.000	Max N	<b>83.63</b>	0.03	4.26	0.01	-3.31	0.02	CO 17
	445	1.129	Min N	<b>10.89</b>	0.01	0.15	0.01	0.02	0.00	CO 9
	1838	0.000	Max V <sub>y</sub>	67.98	<b>0.30</b>	0.27	0.17	-0.11	0.31	CO 12
		0.677	Min V <sub>y</sub>	14.47	<b>0.01</b>	0.63	0.00	-0.09	0.00	CO 1
	1838	0.000	Max V <sub>z</sub>	83.63	0.03	<b>4.26</b>	0.01	-3.31	0.02	CO 17
	445	1.129	Min V <sub>z</sub>	13.07	0.26	<b>-2.53</b>	0.15	-0.73	0.00	CO 8
	1838	0.000	Max M <sub>T</sub>	67.98	0.30	0.27	<b>0.17</b>	-0.11	0.31	CO 12
	1838	0.000	Min M <sub>T</sub>	14.55	0.01	0.74	<b>0.00</b>	-0.55	0.00	CO 1
	1838	0.000	Max M <sub>y</sub>	13.20	0.27	-2.37	0.16	<b>2.03</b>	0.30	CO 8
	1838	0.000	Min M <sub>y</sub>	83.63	0.03	4.26	0.01	<b>-3.31</b>	0.02	CO 17
	1838	0.000	Max M <sub>z</sub>	67.98	0.30	0.27	0.17	-0.11	<b>0.31</b>	CO 12
	445	1.129	Min M <sub>z</sub>	81.36	0.03	3.67	0.02	1.14	<b>-0.01</b>	CO 19
2093	445	0.000	max N	<b>-8.02</b>	0.24	0.54	0.02	-0.35	0.14	CO 8
			min N	<b>-87.74</b>	0.03	0.46	0.00	0.34	0.02	CO 17
			max V <sub>y</sub>	-65.84	<b>0.26</b>	0.86	0.02	-0.15	0.15	CO 12
			min V <sub>y</sub>	-14.69	<b>0.01</b>	0.04	0.00	0.09	0.00	CO 1
			max V <sub>z</sub>	-65.84	0.26	<b>0.86</b>	0.02	-0.15	0.15	CO 12
			min V <sub>z</sub>	-14.69	0.01	<b>0.04</b>	0.00	0.09	0.00	CO 1
			max M <sub>T</sub>	-65.84	0.26	0.86	<b>0.02</b>	-0.15	0.15	CO 12
			min M <sub>T</sub>	-14.69	0.01	0.04	<b>0.00</b>	0.09	0.00	CO 1
			max M <sub>y</sub>	-87.74	0.03	0.46	0.00	<b>0.34</b>	0.02	CO 17
			min M <sub>y</sub>	-8.02	0.24	0.54	0.02	<b>-0.35</b>	0.14	CO 8
			max M <sub>z</sub>	-65.84	0.26	0.86	0.02	-0.15	<b>0.15</b>	CO 12
			min M <sub>z</sub>	-14.69	0.01	0.04	0.00	0.09	<b>0.00</b>	CO 1
	1868	1.129	max N	<b>-7.89</b>	0.24	0.36	0.02	0.16	-0.13	CO 8
			min N	<b>-87.62</b>	0.03	0.18	0.00	0.71	-0.01	CO 17
			max V <sub>y</sub>	-65.71	<b>0.26</b>	0.64	0.02	0.70	-0.14	CO 12
			min V <sub>y</sub>	-14.57	<b>0.01</b>	-0.14	0.00	0.03	0.00	CO 1
			max V <sub>z</sub>	-65.71	0.26	<b>0.64</b>	0.02	0.70	-0.14	CO 12
			min V <sub>z</sub>	-14.57	0.01	<b>-0.14</b>	0.00	0.03	0.00	CO 1
			max M <sub>T</sub>	-65.71	0.26	0.64	<b>0.02</b>	0.70	-0.14	CO 12
			min M <sub>T</sub>	-14.57	0.01	-0.14	<b>0.00</b>	0.03	0.00	CO 1
			max M <sub>y</sub>	-83.56	0.17	0.49	0.01	<b>0.79</b>	-0.09	CO 18
			min M <sub>y</sub>	-10.41	0.01	-0.12	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-14.57	0.01	-0.14	0.00	0.03	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-65.71	0.26	0.64	0.02	0.70	<b>-0.14</b>	CO 12
	1868	1.129	Max N	<b>-7.89</b>	0.24	0.36	0.02	0.16	-0.13	CO 8
	445	0.000	Min N	<b>-87.74</b>	0.03	0.46	0.00	0.34	0.02	CO 17
		0.564	Max V <sub>y</sub>	-65.77	<b>0.26</b>	0.76	0.02	0.31	0.01	CO 12
	445	0.000	Min V <sub>y</sub>	-14.69	<b>0.01</b>	0.04	0.00	0.09	0.00	CO 1
	445	0.000	Max V <sub>z</sub>	-65.84	0.26	<b>0.86</b>	0.02	-0.15	0.15	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1868	1.129	Min V <sub>z</sub>	-14.57	0.01	<b>-0.14</b>	0.00	0.03	0.00	CO 1
	445	0.000	Max M <sub>T</sub>	-65.84	0.26	0.86	<b>0.02</b>	-0.15	0.15	CO 12
	1868	1.129	Min M <sub>T</sub>	-14.57	0.01	-0.14	<b>0.00</b>	0.03	0.00	CO 1
	1868	1.129	Max M <sub>y</sub>	-83.56	0.17	0.49	0.01	<b>0.79</b>	-0.09	CO 18
	445	0.000	Min M <sub>y</sub>	-8.02	0.24	0.54	0.02	<b>-0.35</b>	0.14	CO 8
	445	0.000	Max M <sub>z</sub>	-65.84	0.26	0.86	0.02	-0.15	<b>0.15</b>	CO 12
	1868	1.129	Min M <sub>z</sub>	-65.71	0.26	0.64	0.02	0.70	<b>-0.14</b>	CO 12
2094	1868	0.000	max N	<b>8.34</b>	-0.02	-0.09	0.00	0.49	-0.02	CO 19
			min N	<b>2.04</b>	-0.10	-0.22	0.00	0.21	-0.08	CO 8
			max V <sub>y</sub>	3.29	<b>0.00</b>	0.02	0.00	0.12	0.00	CO 1
			min V <sub>y</sub>	6.12	<b>-0.11</b>	-0.27	0.00	0.49	-0.09	CO 12
			max V <sub>z</sub>	5.41	-0.01	<b>0.02</b>	0.00	0.22	-0.01	CO 2
			min V <sub>z</sub>	6.12	-0.11	<b>-0.27</b>	0.00	0.49	-0.09	CO 12
			max M <sub>T</sub>	4.04	-0.10	-0.27	<b>0.00</b>	0.39	-0.09	CO 14
			min M <sub>T</sub>	8.19	-0.02	-0.06	<b>0.00</b>	0.49	-0.02	CO 17
			max M <sub>y</sub>	7.44	-0.08	-0.20	0.00	<b>0.54</b>	-0.06	CO 18
			min M <sub>y</sub>	3.29	0.00	0.02	0.00	<b>0.12</b>	0.00	CO 1
			max M <sub>z</sub>	3.29	0.00	0.02	0.00	0.12	<b>0.00</b>	CO 1
			min M <sub>z</sub>	6.12	-0.11	-0.27	0.00	0.49	<b>-0.09</b>	CO 12
	449	1.129	max N	<b>8.21</b>	-0.02	-0.26	0.00	0.30	0.00	CO 19
			min N	<b>1.91</b>	-0.10	-0.39	0.00	-0.14	0.03	CO 8
			max V <sub>y</sub>	3.15	<b>0.00</b>	-0.16	0.00	0.04	0.00	CO 1
			min V <sub>y</sub>	5.98	<b>-0.11</b>	-0.44	0.00	0.10	0.03	CO 12
			max V <sub>z</sub>	5.28	-0.01	<b>-0.15</b>	0.00	0.14	0.00	CO 2
			min V <sub>z</sub>	3.91	-0.10	<b>-0.44</b>	0.00	-0.01	0.03	CO 14
			max M <sub>T</sub>	3.91	-0.10	-0.44	<b>0.00</b>	-0.01	0.03	CO 14
			min M <sub>T</sub>	8.06	-0.02	-0.22	<b>0.00</b>	0.33	0.00	CO 17
			max M <sub>y</sub>	8.06	-0.02	-0.22	0.00	<b>0.33</b>	0.00	CO 17
			min M <sub>y</sub>	1.91	-0.10	-0.39	0.00	<b>-0.14</b>	0.03	CO 8
			max M <sub>z</sub>	5.98	-0.11	-0.44	0.00	0.10	<b>0.03</b>	CO 12
			min M <sub>z</sub>	3.38	-0.01	-0.21	0.00	-0.02	<b>0.00</b>	CO 9
	1868	0.000	Max N	<b>8.34</b>	-0.02	-0.09	0.00	0.49	-0.02	CO 19
	449	1.129	Min N	<b>1.91</b>	-0.10	-0.39	0.00	-0.14	0.03	CO 8
	449	1.129	Max V <sub>y</sub>	3.15	<b>0.00</b>	-0.16	0.00	0.04	0.00	CO 1
	1868	0.000	Min V <sub>y</sub>	6.12	<b>-0.11</b>	-0.27	0.00	0.49	-0.09	CO 12
	1868	0.000	Max V <sub>z</sub>	5.41	-0.01	<b>0.02</b>	0.00	0.22	-0.01	CO 2
	449	1.129	Min V <sub>z</sub>	3.91	-0.10	<b>-0.44</b>	0.00	-0.01	0.03	CO 14
	1868	0.000	Max M <sub>T</sub>	4.04	-0.10	-0.27	<b>0.00</b>	0.39	-0.09	CO 14
	449	1.129	Min M <sub>T</sub>	8.06	-0.02	-0.22	<b>0.00</b>	0.33	0.00	CO 17
	1868	0.000	Max M <sub>y</sub>	7.44	-0.08	-0.20	0.00	<b>0.54</b>	-0.06	CO 18
	449	1.129	Min M <sub>y</sub>	1.91	-0.10	-0.39	0.00	<b>-0.14</b>	0.03	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	449	1.129	Max M <sub>z</sub>	5.98	-0.11	-0.44	0.00	0.10	<b>0.03</b>	CO 12
	1868	0.000	Min M <sub>z</sub>	6.12	-0.11	-0.27	0.00	0.49	<b>-0.09</b>	CO 12
2095	449	0.000	max N	<b>-0.90</b>	-0.06	-0.01	0.01	0.06	-0.02	CO 8
			min N	<b>-8.35</b>	-0.01	-0.01	0.00	0.29	0.00	CO 19
			max V <sub>y</sub>	-2.50	<b>0.00</b>	0.12	0.00	-0.02	0.00	CO 9
			min V <sub>y</sub>	-5.74	<b>-0.07</b>	-0.10	0.01	0.29	-0.02	CO 12
			max V <sub>z</sub>	-2.50	0.00	<b>0.12</b>	0.00	-0.02	0.00	CO 9
			min V <sub>z</sub>	-5.74	-0.07	<b>-0.10</b>	0.01	0.29	-0.02	CO 12
			max M <sub>T</sub>	-5.74	-0.07	-0.10	<b>0.01</b>	0.29	-0.02	CO 12
			min M <sub>T</sub>	-2.29	0.00	0.02	<b>0.00</b>	0.06	0.00	CO 1
			max M <sub>y</sub>	-7.36	-0.05	-0.09	0.00	<b>0.34</b>	-0.02	CO 18
			min M <sub>y</sub>	-2.50	0.00	0.12	0.00	<b>-0.02</b>	0.00	CO 9
			max M <sub>z</sub>	-2.50	0.00	0.12	0.00	-0.02	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-5.74	-0.07	-0.10	0.01	0.29	<b>-0.02</b>	CO 12
	1864	1.129	max N	<b>-0.77</b>	-0.06	-0.20	0.01	-0.06	0.05	CO 8
			min N	<b>-8.22</b>	-0.01	-0.20	0.00	0.18	0.01	CO 19
			max V <sub>y</sub>	-2.38	<b>0.00</b>	-0.06	0.00	0.01	0.00	CO 9
			min V <sub>y</sub>	-5.61	<b>-0.07</b>	-0.28	0.01	0.07	0.06	CO 12
			max V <sub>z</sub>	-2.38	0.00	<b>-0.06</b>	0.00	0.01	0.00	CO 9
			min V <sub>z</sub>	-5.61	-0.07	<b>-0.28</b>	0.01	0.07	0.06	CO 12
			max M <sub>T</sub>	-5.61	-0.07	-0.28	<b>0.01</b>	0.07	0.06	CO 12
			min M <sub>T</sub>	-2.17	0.00	-0.16	<b>0.00</b>	-0.02	0.00	CO 1
			max M <sub>y</sub>	-8.22	-0.01	-0.20	0.00	<b>0.18</b>	0.01	CO 19
			min M <sub>y</sub>	-0.77	-0.06	-0.20	0.01	<b>-0.06</b>	0.05	CO 8
			max M <sub>z</sub>	-5.61	-0.07	-0.28	0.01	0.07	<b>0.06</b>	CO 12
			min M <sub>z</sub>	-2.38	0.00	-0.06	0.00	0.01	<b>0.00</b>	CO 9
	1864	1.129	Max N	<b>-0.77</b>	-0.06	-0.20	0.01	-0.06	0.05	CO 8
	449	0.000	Min N	<b>-8.35</b>	-0.01	-0.01	0.00	0.29	0.00	CO 19
	1864	1.129	Max V <sub>y</sub>	-2.38	<b>0.00</b>	-0.06	0.00	0.01	0.00	CO 9
		0.226	Min V <sub>y</sub>	-5.71	<b>-0.07</b>	-0.13	0.01	0.26	-0.01	CO 12
	449	0.000	Max V <sub>z</sub>	-2.50	0.00	<b>0.12</b>	0.00	-0.02	0.00	CO 9
	1864	1.129	Min V <sub>z</sub>	-5.61	-0.07	<b>-0.28</b>	0.01	0.07	0.06	CO 12
	449	0.000	Max M <sub>T</sub>	-5.74	-0.07	-0.10	<b>0.01</b>	0.29	-0.02	CO 12
	1864	1.129	Min M <sub>T</sub>	-2.17	0.00	-0.16	<b>0.00</b>	-0.02	0.00	CO 1
	449	0.000	Max M <sub>y</sub>	-7.36	-0.05	-0.09	0.00	<b>0.34</b>	-0.02	CO 18
	1864	1.129	Min M <sub>y</sub>	-0.77	-0.06	-0.20	0.01	<b>-0.06</b>	0.05	CO 8
	1864	1.129	Max M <sub>z</sub>	-5.61	-0.07	-0.28	0.01	0.07	<b>0.06</b>	CO 12
	449	0.000	Min M <sub>z</sub>	-5.74	-0.07	-0.10	0.01	0.29	<b>-0.02</b>	CO 12
2096	1864	0.000	max N	<b>-11.81</b>	0.01	-0.42	0.00	0.33	0.01	CO 9
			min N	<b>-92.94</b>	0.01	-1.39	0.00	1.52	0.00	CO 17
			max V <sub>y</sub>	-74.92	<b>0.07</b>	-0.89	0.01	1.16	0.03	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-16.70	<b>0.00</b>	-0.25	0.00	0.31	0.00	CO 1
			max V <sub>z</sub>	-14.44	0.07	<b>0.05</b>	0.00	0.17	0.03	CO 8
			min V <sub>z</sub>	-89.98	0.02	<b>-1.49</b>	0.00	1.53	0.01	CO 19
			max M <sub>T</sub>	-51.02	0.07	-0.42	<b>0.01</b>	0.70	0.03	CO 14
			min M <sub>T</sub>	-40.57	0.00	-0.74	<b>0.00</b>	0.77	0.00	CO 2
			max M <sub>y</sub>	-89.98	0.02	-1.49	0.00	<b>1.53</b>	0.01	CO 19
			min M <sub>y</sub>	-14.44	0.07	0.05	0.00	<b>0.17</b>	0.03	CO 8
			max M <sub>z</sub>	-51.02	0.07	-0.42	0.01	0.70	<b>0.03</b>	CO 14
			min M <sub>z</sub>	-40.57	0.00	-0.74	0.00	0.77	<b>0.00</b>	CO 2
	448	1.129	max N	<b>-11.94</b>	0.01	-0.59	0.00	-0.24	-0.01	CO 9
			min N	<b>-93.07</b>	0.01	-1.68	0.00	-0.24	-0.01	CO 17
			max V <sub>y</sub>	-75.05	<b>0.07</b>	-1.15	0.00	-0.02	-0.06	CO 12
			min V <sub>y</sub>	-16.83	<b>0.00</b>	-0.43	0.00	-0.07	0.00	CO 1
			max V <sub>z</sub>	-14.57	0.07	<b>-0.12</b>	0.00	0.14	-0.05	CO 8
			min V <sub>z</sub>	-90.11	0.02	<b>-1.77</b>	0.00	-0.34	-0.01	CO 19
			max M <sub>T</sub>	-51.16	0.07	-0.63	<b>0.01</b>	0.10	-0.05	CO 14
			min M <sub>T</sub>	-40.70	0.00	-0.94	<b>0.00</b>	-0.19	0.00	CO 2
			max M <sub>y</sub>	-14.57	0.07	-0.12	0.00	<b>0.14</b>	-0.05	CO 8
			min M <sub>y</sub>	-72.42	0.02	-1.61	0.00	<b>-0.39</b>	-0.01	CO 13
			max M <sub>z</sub>	-16.83	0.00	-0.43	0.00	-0.07	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-75.05	0.07	-1.15	0.00	-0.02	<b>-0.06</b>	CO 12
	1864	0.000	Max N	<b>-11.81</b>	0.01	-0.42	0.00	0.33	0.01	CO 9
	448	1.129	Min N	<b>-93.07</b>	0.01	-1.68	0.00	-0.24	-0.01	CO 17
		0.452	Max V <sub>y</sub>	-74.97	<b>0.07</b>	-1.02	0.00	0.72	-0.01	CO 12
	448	1.129	Min V <sub>y</sub>	-16.83	<b>0.00</b>	-0.43	0.00	-0.07	0.00	CO 1
	1864	0.000	Max V <sub>z</sub>	-14.44	0.07	<b>0.05</b>	0.00	0.17	0.03	CO 8
	448	1.129	Min V <sub>z</sub>	-90.11	0.02	<b>-1.77</b>	0.00	-0.34	-0.01	CO 19
	1864	0.000	Max M <sub>T</sub>	-51.02	0.07	-0.42	<b>0.01</b>	0.70	0.03	CO 14
	448	1.129	Min M <sub>T</sub>	-40.70	0.00	-0.94	<b>0.00</b>	-0.19	0.00	CO 2
	1864	0.000	Max M <sub>y</sub>	-89.98	0.02	-1.49	0.00	<b>1.53</b>	0.01	CO 19
	448	1.129	Min M <sub>y</sub>	-72.42	0.02	-1.61	0.00	<b>-0.39</b>	-0.01	CO 13
	1864	0.000	Max M <sub>z</sub>	-51.02	0.07	-0.42	0.01	0.70	<b>0.03</b>	CO 14
	448	1.129	Min M <sub>z</sub>	-75.05	0.07	-1.15	0.00	-0.02	<b>-0.06</b>	CO 12
2097	448	0.000	max N	<b>93.78</b>	0.01	-1.52	0.01	0.59	0.00	CO 17
			min N	<b>12.43</b>	0.05	-1.75	0.05	0.44	0.01	CO 8
			max V <sub>y</sub>	72.94	<b>0.06</b>	-2.83	0.06	0.85	0.01	CO 12
			min V <sub>y</sub>	17.71	<b>0.00</b>	-0.06	0.00	0.04	0.00	CO 1
			max V <sub>z</sub>	14.84	0.00	<b>1.14</b>	0.01	-0.33	0.01	CO 9
			min V <sub>z</sub>	72.94	0.06	<b>-2.83</b>	0.06	0.85	0.01	CO 12
			max M <sub>T</sub>	72.94	0.06	-2.83	<b>0.06</b>	0.85	0.01	CO 12
			min M <sub>T</sub>	17.71	0.00	-0.06	<b>0.00</b>	0.04	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	72.94	0.06	-2.83	0.06	<b>0.85</b>	0.01	CO 12
			min M <sub>y</sub>	14.84	0.00	1.14	0.01	<b>-0.33</b>	0.01	CO 9
			max M <sub>z</sub>	48.51	0.06	-2.67	0.06	0.77	<b>0.01</b>	CO 14
			min M <sub>z</sub>	42.16	0.00	-0.22	0.01	0.12	<b>-0.01</b>	CO 2
	1837	1.129	max N	<b>93.90</b>	0.01	-1.76	0.01	-1.23	-0.02	CO 17
			min N	<b>12.55</b>	0.05	-1.94	0.05	-1.64	-0.04	CO 8
			max V <sub>y</sub>	73.06	<b>0.06</b>	-3.12	0.06	-2.46	-0.05	CO 12
			min V <sub>y</sub>	17.84	<b>0.00</b>	-0.24	0.00	-0.13	0.00	CO 1
			max V <sub>z</sub>	14.97	0.00	<b>0.97</b>	0.00	0.86	0.01	CO 9
			min V <sub>z</sub>	73.06	0.06	<b>-3.12</b>	0.06	-2.46	-0.05	CO 12
			max M <sub>T</sub>	73.06	0.06	-3.12	<b>0.06</b>	-2.46	-0.05	CO 12
			min M <sub>T</sub>	17.84	0.00	-0.24	<b>0.00</b>	-0.13	0.00	CO 1
			max M <sub>y</sub>	14.97	0.00	0.97	0.00	<b>0.86</b>	0.01	CO 9
			min M <sub>y</sub>	73.06	0.06	-3.12	0.06	<b>-2.46</b>	-0.05	CO 12
			max M <sub>z</sub>	14.97	0.00	0.97	0.00	0.86	<b>0.01</b>	CO 9
			min M <sub>z</sub>	73.06	0.06	-3.12	0.06	-2.46	<b>-0.05</b>	CO 12
	1837	1.129	Max N	<b>93.90</b>	0.01	-1.76	0.01	-1.23	-0.02	CO 17
	448	0.000	Min N	<b>12.43</b>	0.05	-1.75	0.05	0.44	0.01	CO 8
	1837	1.129	Max V <sub>y</sub>	73.06	<b>0.06</b>	-3.12	0.06	-2.46	-0.05	CO 12
	448	0.000	Min V <sub>y</sub>	17.71	<b>0.00</b>	-0.06	0.00	0.04	0.00	CO 1
	448	0.000	Max V <sub>z</sub>	14.84	0.00	<b>1.14</b>	0.01	-0.33	0.01	CO 9
	1837	1.129	Min V <sub>z</sub>	73.06	0.06	<b>-3.12</b>	0.06	-2.46	-0.05	CO 12
	448	0.000	Max M <sub>T</sub>	72.94	0.06	-2.83	<b>0.06</b>	0.85	0.01	CO 12
	448	0.000	Min M <sub>T</sub>	17.71	0.00	-0.06	<b>0.00</b>	0.04	0.00	CO 1
	1837	1.129	Max M <sub>y</sub>	14.97	0.00	0.97	0.00	<b>0.86</b>	0.01	CO 9
	1837	1.129	Min M <sub>y</sub>	73.06	0.06	-3.12	0.06	<b>-2.46</b>	-0.05	CO 12
	448	0.000	Max M <sub>z</sub>	48.51	0.06	-2.67	0.06	0.77	<b>0.01</b>	CO 14
	1837	1.129	Min M <sub>z</sub>	73.06	0.06	-3.12	0.06	-2.46	<b>-0.05</b>	CO 12
2098	1840	0.000	max N	<b>65.63</b>	0.01	2.74	0.01	-2.19	0.01	CO 17
			min N	<b>4.71</b>	0.01	0.37	0.01	-0.28	0.03	CO 9
			max V <sub>y</sub>	21.99	<b>0.02</b>	1.04	0.01	-0.84	0.03	CO 11
			min V <sub>y</sub>	51.65	<b>-0.22</b>	-0.48	-0.17	0.49	-0.27	CO 12
			max V <sub>z</sub>	65.63	0.01	<b>2.74</b>	0.01	-2.19	0.01	CO 17
			min V <sub>z</sub>	6.69	-0.22	<b>-2.17</b>	-0.17	1.92	-0.28	CO 8
			max M <sub>T</sub>	49.62	0.01	2.15	<b>0.01</b>	-1.74	0.03	CO 13
			min M <sub>T</sub>	6.69	-0.22	-2.17	<b>-0.17</b>	1.92	-0.28	CO 8
			max M <sub>y</sub>	6.69	-0.22	-2.17	-0.17	<b>1.92</b>	-0.28	CO 8
			min M <sub>y</sub>	65.63	0.01	2.74	0.01	<b>-2.19</b>	0.01	CO 17
			max M <sub>z</sub>	49.62	0.01	2.15	0.01	-1.74	<b>0.03</b>	CO 13
			min M <sub>z</sub>	6.69	-0.22	-2.17	-0.17	1.92	<b>-0.28</b>	CO 8
	447	1.129	max N	<b>65.50</b>	0.01	2.47	0.01	0.71	0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>4.57</b>	0.01	0.20	0.01	0.04	0.01	CO 9
			max V <sub>y</sub>	4.57	<b>0.01</b>	0.20	0.01	0.04	0.01	CO 9
			min V <sub>y</sub>	6.56	<b>-0.21</b>	-2.34	-0.17	-0.62	-0.04	CO 8
			max V <sub>z</sub>	65.50	0.01	<b>2.47</b>	0.01	0.71	0.01	CO 17
			min V <sub>z</sub>	6.56	-0.21	<b>-2.34</b>	-0.17	-0.62	-0.04	CO 8
			max M <sub>T</sub>	49.49	0.01	1.92	<b>0.02</b>	0.54	0.02	CO 13
			min M <sub>T</sub>	6.56	-0.21	-2.34	<b>-0.17</b>	-0.62	-0.04	CO 8
			max M <sub>y</sub>	65.50	0.01	2.47	0.01	<b>0.71</b>	0.01	CO 17
			min M <sub>y</sub>	6.56	-0.21	-2.34	-0.17	<b>-0.62</b>	-0.04	CO 8
			max M <sub>z</sub>	49.49	0.01	1.92	0.02	0.54	<b>0.02</b>	CO 13
			min M <sub>z</sub>	6.56	-0.21	-2.34	-0.17	-0.62	<b>-0.04</b>	CO 8
	1840	0.000	Max N	<b>65.63</b>	0.01	2.74	0.01	-2.19	0.01	CO 17
	447	1.129	Min N	<b>4.57</b>	0.01	0.20	0.01	0.04	0.01	CO 9
	1840	0.000	Max V <sub>y</sub>	21.99	<b>0.02</b>	1.04	0.01	-0.84	0.03	CO 11
	1840	0.000	Min V <sub>y</sub>	51.65	<b>-0.22</b>	-0.48	-0.17	0.49	-0.27	CO 12
	1840	0.000	Max V <sub>z</sub>	65.63	0.01	<b>2.74</b>	0.01	-2.19	0.01	CO 17
	447	1.129	Min V <sub>z</sub>	6.56	-0.21	<b>-2.34</b>	-0.17	-0.62	-0.04	CO 8
	447	1.129	Max M <sub>T</sub>	49.49	0.01	1.92	<b>0.02</b>	0.54	0.02	CO 13
	1840	0.000	Min M <sub>T</sub>	6.69	-0.22	-2.17	<b>-0.17</b>	1.92	-0.28	CO 8
	1840	0.000	Max M <sub>y</sub>	6.69	-0.22	-2.17	-0.17	<b>1.92</b>	-0.28	CO 8
	1840	0.000	Min M <sub>y</sub>	65.63	0.01	2.74	0.01	<b>-2.19</b>	0.01	CO 17
	1840	0.000	Max M <sub>z</sub>	49.62	0.01	2.15	0.01	-1.74	<b>0.03</b>	CO 13
	1840	0.000	Min M <sub>z</sub>	6.69	-0.22	-2.17	-0.17	1.92	<b>-0.28</b>	CO 8
2100	447	0.000	max N	<b>-1.98</b>	-0.19	0.50	0.00	-0.30	-0.12	CO 8
			min N	<b>-67.24</b>	0.01	1.00	0.00	-0.01	0.00	CO 17
			max V <sub>y</sub>	-22.24	<b>0.01</b>	0.35	0.00	0.01	0.01	CO 11
			min V <sub>y</sub>	-1.98	<b>-0.19</b>	0.50	0.00	-0.30	-0.12	CO 8
			max V <sub>z</sub>	-63.26	-0.10	<b>1.19</b>	0.00	-0.20	-0.07	CO 18
			min V <sub>z</sub>	-4.40	0.01	<b>0.10</b>	0.00	0.02	0.01	CO 9
			max M <sub>T</sub>	-8.59	0.00	0.16	<b>0.00</b>	0.02	0.00	CO 1
			min M <sub>T</sub>	-48.37	-0.18	1.15	<b>-0.01</b>	-0.32	-0.12	CO 12
			max M <sub>y</sub>	-4.40	0.01	0.10	0.00	<b>0.02</b>	0.01	CO 9
			min M <sub>y</sub>	-48.37	-0.18	1.15	-0.01	<b>-0.32</b>	-0.12	CO 12
			max M <sub>z</sub>	-50.79	0.01	0.76	0.00	0.00	<b>0.01</b>	CO 13
			min M <sub>z</sub>	-1.98	-0.19	0.50	0.00	-0.30	<b>-0.12</b>	CO 8
	1870	1.129	max N	<b>-1.86</b>	-0.19	0.32	-0.01	0.16	0.09	CO 8
			min N	<b>-67.11</b>	0.01	0.75	0.00	0.99	0.00	CO 17
			max V <sub>y</sub>	-22.11	<b>0.01</b>	0.16	0.00	0.30	-0.01	CO 11
			min V <sub>y</sub>	-1.86	<b>-0.19</b>	0.32	-0.01	0.16	0.09	CO 8
			max V <sub>z</sub>	-63.14	-0.11	<b>0.96</b>	0.00	1.03	0.05	CO 18
			min V <sub>z</sub>	-4.27	0.01	<b>-0.08</b>	0.00	0.03	-0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-8.46	0.00	-0.02	<b>0.00</b>	0.09	0.00	CO 1
			min M <sub>T</sub>	-48.25	-0.18	0.94	<b>-0.01</b>	0.87	0.08	CO 12
			max M <sub>y</sub>	-63.14	-0.11	0.96	0.00	<b>1.03</b>	0.05	CO 18
			min M <sub>y</sub>	-4.27	0.01	-0.08	0.00	<b>0.03</b>	-0.01	CO 9
			max M <sub>z</sub>	-1.86	-0.19	0.32	-0.01	0.16	<b>0.09</b>	CO 8
			min M <sub>z</sub>	-4.27	0.01	-0.08	0.00	0.03	<b>-0.01</b>	CO 9
	1870	1.129	Max N	<b>-1.86</b>	-0.19	0.32	-0.01	0.16	0.09	CO 8
	447	0.000	Min N	<b>-67.24</b>	0.01	1.00	0.00	-0.01	0.00	CO 17
		0.677	Max V <sub>y</sub>	-22.16	<b>0.01</b>	0.24	0.00	0.21	0.00	CO 11
		0.677	Min V <sub>y</sub>	-1.91	<b>-0.19</b>	0.39	-0.01	0.00	0.00	CO 8
	447	0.000	Max V <sub>z</sub>	-63.26	-0.10	<b>1.19</b>	0.00	-0.20	-0.07	CO 18
	1870	1.129	Min V <sub>z</sub>	-4.27	0.01	<b>-0.08</b>	0.00	0.03	-0.01	CO 9
	447	0.000	Max M <sub>T</sub>	-8.59	0.00	0.16	<b>0.00</b>	0.02	0.00	CO 1
	1870	1.129	Min M <sub>T</sub>	-48.25	-0.18	0.94	<b>-0.01</b>	0.87	0.08	CO 12
	1870	1.129	Max M <sub>y</sub>	-63.14	-0.11	0.96	0.00	<b>1.03</b>	0.05	CO 18
	447	0.000	Min M <sub>y</sub>	-48.37	-0.18	1.15	-0.01	<b>-0.32</b>	-0.12	CO 12
	1870	1.129	Max M <sub>z</sub>	-1.86	-0.19	0.32	-0.01	0.16	<b>0.09</b>	CO 8
	447	0.000	Min M <sub>z</sub>	-1.98	-0.19	0.50	0.00	-0.30	<b>-0.12</b>	CO 8
2103	1870	0.000	max N	<b>0.71</b>	0.00	0.08	0.00	0.00	0.00	CO 9
			min N	<b>-1.07</b>	0.02	0.09	-0.02	0.11	0.04	CO 12
			max V <sub>y</sub>	-1.07	<b>0.02</b>	0.09	-0.02	0.11	0.04	CO 12
			min V <sub>y</sub>	0.71	<b>0.00</b>	0.08	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	0.30	0.00	<b>0.23</b>	0.00	0.08	0.00	CO 17
			min V <sub>z</sub>	-0.81	0.02	<b>-0.01</b>	-0.02	0.05	0.03	CO 8
			max M <sub>T</sub>	0.48	0.00	0.18	<b>0.00</b>	0.06	0.01	CO 13
			min M <sub>T</sub>	-0.81	0.02	-0.01	<b>-0.02</b>	0.05	0.03	CO 8
			max M <sub>y</sub>	-1.07	0.02	0.09	-0.02	<b>0.11</b>	0.04	CO 12
			min M <sub>y</sub>	0.71	0.00	0.08	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-1.07	0.02	0.09	-0.02	0.11	<b>0.04</b>	CO 12
			min M <sub>z</sub>	0.64	0.00	0.10	0.00	0.00	<b>0.00</b>	CO 1
	468	1.129	max N	<b>0.58</b>	0.00	-0.09	0.00	-0.01	0.00	CO 9
			min N	<b>-1.21</b>	0.02	-0.09	-0.02	0.11	0.01	CO 12
			max V <sub>y</sub>	-1.21	<b>0.02</b>	-0.09	-0.02	0.11	0.01	CO 12
			min V <sub>y</sub>	0.58	<b>0.00</b>	-0.09	0.00	-0.01	0.00	CO 9
			max V <sub>z</sub>	0.17	0.00	<b>0.06</b>	0.00	0.25	0.00	CO 17
			min V <sub>z</sub>	-0.95	0.02	<b>-0.19</b>	-0.02	-0.07	0.01	CO 8
			max M <sub>T</sub>	0.34	0.00	0.01	<b>0.00</b>	0.17	0.00	CO 13
			min M <sub>T</sub>	-0.95	0.02	-0.19	<b>-0.02</b>	-0.07	0.01	CO 8
			max M <sub>y</sub>	0.17	0.00	0.06	0.00	<b>0.25</b>	0.00	CO 17
			min M <sub>y</sub>	-0.95	0.02	-0.19	-0.02	<b>-0.07</b>	0.01	CO 8
			max M <sub>z</sub>	-1.21	0.02	-0.09	-0.02	0.11	<b>0.01</b>	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	0.50	0.00	-0.07	0.00	0.02	<b>0.00</b>	CO 1
	1870	0.000	Max N	<b>0.71</b>	0.00	0.08	0.00	0.00	0.00	CO 9
	468	1.129	Min N	<b>-1.21</b>	0.02	-0.09	-0.02	0.11	0.01	CO 12
	468	1.129	Max V <sub>y</sub>	-1.21	<b>0.02</b>	-0.09	-0.02	0.11	0.01	CO 12
	1870	0.000	Min V <sub>y</sub>	0.71	<b>0.00</b>	0.08	0.00	0.00	0.00	CO 9
	1870	0.000	Max V <sub>z</sub>	0.30	0.00	<b>0.23</b>	0.00	0.08	0.00	CO 17
	468	1.129	Min V <sub>z</sub>	-0.95	0.02	<b>-0.19</b>	-0.02	-0.07	0.01	CO 8
	468	1.129	Max M <sub>T</sub>	0.34	0.00	0.01	<b>0.00</b>	0.17	0.00	CO 13
	1870	0.000	Min M <sub>T</sub>	-0.81	0.02	-0.01	<b>-0.02</b>	0.05	0.03	CO 8
	468	1.129	Max M <sub>y</sub>	0.17	0.00	0.06	0.00	<b>0.25</b>	0.00	CO 17
	468	1.129	Min M <sub>y</sub>	-0.95	0.02	-0.19	-0.02	<b>-0.07</b>	0.01	CO 8
	1870	0.000	Max M <sub>z</sub>	-1.07	0.02	0.09	-0.02	0.11	<b>0.04</b>	CO 12
	468	1.129	Min M <sub>z</sub>	0.50	0.00	-0.07	0.00	0.02	<b>0.00</b>	CO 1
2104	1827	0.000	max N	<b>-1.80</b>	0.00	8.35	0.00	-4.18	0.00	CO 8
			min N	<b>-1.81</b>	0.00	5.01	0.00	-2.50	0.00	CO 18
			max V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	-1.80	<b>0.00</b>	8.35	0.00	-4.18	0.00	CO 12
			max V <sub>z</sub>	-1.80	0.00	<b>8.35</b>	0.00	-4.18	0.00	CO 8
			min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
			max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-1.80	0.00	8.35	<b>0.00</b>	-4.18	0.00	CO 8
			max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-1.80	0.00	8.35	0.00	<b>-4.18</b>	0.00	CO 8
			max M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-1.80	0.00	8.35	0.00	-4.18	<b>0.00</b>	CO 12
	1835	1.000	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1835	1.000	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1827	0.000	Min N	<b>-1.81</b>	0.00	5.01	0.00	-2.50	0.00	CO 18
	1835	1.000	Max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
	1827	0.000	Min V <sub>y</sub>	-1.80	<b>0.00</b>	8.35	0.00	-4.18	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1827	0.000	Max V <sub>z</sub>	-1.80	0.00	<b>8.35</b>	0.00	-4.18	0.00	CO 8
	1827	0.000	Min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
	1827	0.000	Max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	1827	0.000	Min M <sub>T</sub>	-1.80	0.00	8.35	<b>0.00</b>	-4.18	0.00	CO 8
	1827	0.000	Max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
	1827	0.000	Min M <sub>y</sub>	-1.80	0.00	8.35	0.00	<b>-4.18</b>	0.00	CO 8
	1835	1.000	Max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1827	0.000	Min M <sub>z</sub>	-1.80	0.00	8.35	0.00	-4.18	<b>0.00</b>	CO 12
2105	468	0.000	max N	<b>1.88</b>	0.02	-0.10	-0.02	0.12	0.00	CO 8
			min N	<b>0.12</b>	0.00	-0.05	0.00	0.24	0.00	CO 17
			max V <sub>y</sub>	1.88	<b>0.02</b>	-0.10	-0.02	0.12	0.00	CO 8
			min V <sub>y</sub>	0.25	<b>0.00</b>	0.00	0.00	0.17	0.00	CO 13
			max V <sub>z</sub>	0.50	0.00	<b>0.10</b>	0.00	-0.01	0.00	CO 9
			min V <sub>z</sub>	1.65	0.02	<b>-0.20</b>	-0.02	0.30	0.00	CO 12
			max M <sub>T</sub>	0.48	0.00	0.07	<b>0.00</b>	0.02	0.00	CO 1
			min M <sub>T</sub>	1.65	0.02	-0.20	<b>-0.02</b>	0.30	0.00	CO 12
			max M <sub>y</sub>	0.99	0.01	-0.15	-0.01	<b>0.31</b>	0.00	CO 18
			min M <sub>y</sub>	0.50	0.00	0.10	0.00	<b>-0.01</b>	0.00	CO 9
			max M <sub>z</sub>	0.25	0.00	0.00	0.00	0.17	<b>0.00</b>	CO 13
			min M <sub>z</sub>	1.88	0.02	-0.10	-0.02	0.12	<b>0.00</b>	CO 8
	1865	1.129	max N	<b>2.01</b>	0.02	-0.28	-0.02	-0.09	-0.03	CO 8
			min N	<b>0.24</b>	0.00	-0.23	0.00	0.08	0.00	CO 17
			max V <sub>y</sub>	2.01	<b>0.02</b>	-0.28	-0.02	-0.09	-0.03	CO 8
			min V <sub>y</sub>	0.38	<b>0.00</b>	-0.18	0.00	0.07	0.01	CO 13
			max V <sub>z</sub>	0.63	0.00	<b>-0.08</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	1.78	0.02	<b>-0.38</b>	-0.02	-0.02	-0.03	CO 12
			max M <sub>T</sub>	0.60	0.00	-0.11	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	1.78	0.02	-0.38	<b>-0.02</b>	-0.02	-0.03	CO 12
			max M <sub>y</sub>	0.24	0.00	-0.23	0.00	<b>0.08</b>	0.00	CO 17
			min M <sub>y</sub>	2.01	0.02	-0.28	-0.02	<b>-0.09</b>	-0.03	CO 8
			max M <sub>z</sub>	0.38	0.00	-0.18	0.00	0.07	<b>0.01</b>	CO 13
			min M <sub>z</sub>	2.01	0.02	-0.28	-0.02	-0.09	<b>-0.03</b>	CO 8
	1865	1.129	Max N	<b>2.01</b>	0.02	-0.28	-0.02	-0.09	-0.03	CO 8
	468	0.000	Min N	<b>0.12</b>	0.00	-0.05	0.00	0.24	0.00	CO 17
	1865	1.129	Max V <sub>y</sub>	2.01	<b>0.02</b>	-0.28	-0.02	-0.09	-0.03	CO 8
	468	0.000	Min V <sub>y</sub>	0.25	<b>0.00</b>	0.00	0.00	0.17	0.00	CO 13
	468	0.000	Max V <sub>z</sub>	0.50	0.00	<b>0.10</b>	0.00	-0.01	0.00	CO 9
	1865	1.129	Min V <sub>z</sub>	1.78	0.02	<b>-0.38</b>	-0.02	-0.02	-0.03	CO 12
	1865	1.129	Max M <sub>T</sub>	0.60	0.00	-0.11	<b>0.00</b>	0.00	0.00	CO 1
	468	0.000	Min M <sub>T</sub>	1.65	0.02	-0.20	<b>-0.02</b>	0.30	0.00	CO 12
	468	0.000	Max M <sub>y</sub>	0.99	0.01	-0.15	-0.01	<b>0.31</b>	0.00	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1865	1.129	Min M <sub>y</sub>	2.01	0.02	-0.28	-0.02	<b>-0.09</b>	-0.03	CO 8
	1865	1.129	Max M <sub>z</sub>	0.38	0.00	-0.18	0.00	0.07	<b>0.01</b>	CO 13
	1865	1.129	Min M <sub>z</sub>	2.01	0.02	-0.28	-0.02	-0.09	<b>-0.03</b>	CO 8
2106	1865	0.000	max N	<b>-4.14</b>	-0.01	0.06	0.00	0.04	0.00	CO 9
			min N	<b>-67.02</b>	-0.01	-0.76	0.00	0.99	-0.01	CO 17
			max V <sub>y</sub>	-8.41	<b>0.00</b>	0.02	0.00	0.09	0.00	CO 1
			min V <sub>y</sub>	-53.02	<b>-0.21</b>	-0.05	0.00	0.57	-0.10	CO 12
			max V <sub>z</sub>	-6.61	-0.21	<b>0.57</b>	0.00	-0.14	-0.10	CO 8
			min V <sub>z</sub>	-67.02	-0.01	<b>-0.76</b>	0.00	0.99	-0.01	CO 17
			max M <sub>T</sub>	-50.51	-0.01	-0.56	<b>0.00</b>	0.75	0.00	CO 13
			min M <sub>T</sub>	-6.61	-0.21	0.57	<b>0.00</b>	-0.14	-0.10	CO 8
			max M <sub>y</sub>	-67.02	-0.01	-0.76	0.00	<b>0.99</b>	-0.01	CO 17
			min M <sub>y</sub>	-6.61	-0.21	0.57	0.00	<b>-0.14</b>	-0.10	CO 8
			max M <sub>z</sub>	-8.41	0.00	0.02	0.00	0.09	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-53.02	-0.21	-0.05	0.00	0.57	<b>-0.10</b>	CO 12
	450	1.129	max N	<b>-4.28</b>	-0.01	-0.12	0.00	0.00	0.00	CO 9
			min N	<b>-67.16</b>	-0.01	-1.00	0.00	-0.01	0.01	CO 17
			max V <sub>y</sub>	-8.55	<b>0.00</b>	-0.16	0.00	0.01	0.00	CO 1
			min V <sub>y</sub>	-53.15	<b>-0.21</b>	-0.28	0.00	0.38	0.14	CO 12
			max V <sub>z</sub>	-6.75	-0.21	<b>0.39</b>	0.00	0.40	0.14	CO 8
			min V <sub>z</sub>	-67.16	-0.01	<b>-1.00</b>	0.00	-0.01	0.01	CO 17
			max M <sub>T</sub>	-50.64	-0.01	-0.77	<b>0.00</b>	-0.02	0.01	CO 13
			min M <sub>T</sub>	-6.75	-0.21	0.39	<b>0.00</b>	0.40	0.14	CO 8
			max M <sub>y</sub>	-6.75	-0.21	0.39	0.00	<b>0.40</b>	0.14	CO 8
			min M <sub>y</sub>	-64.59	-0.01	-0.97	0.00	<b>-0.02</b>	0.01	CO 19
			max M <sub>z</sub>	-53.15	-0.21	-0.28	0.00	0.38	<b>0.14</b>	CO 12
			min M <sub>z</sub>	-8.55	0.00	-0.16	0.00	0.01	<b>0.00</b>	CO 1
	1865	0.000	Max N	<b>-4.14</b>	-0.01	0.06	0.00	0.04	0.00	CO 9
	450	1.129	Min N	<b>-67.16</b>	-0.01	-1.00	0.00	-0.01	0.01	CO 17
	450	1.129	Max V <sub>y</sub>	-8.55	<b>0.00</b>	-0.16	0.00	0.01	0.00	CO 1
		0.452	Min V <sub>y</sub>	-53.07	<b>-0.22</b>	-0.14	0.00	0.53	0.00	CO 12
	1865	0.000	Max V <sub>z</sub>	-6.61	-0.21	<b>0.57</b>	0.00	-0.14	-0.10	CO 8
	450	1.129	Min V <sub>z</sub>	-67.16	-0.01	<b>-1.00</b>	0.00	-0.01	0.01	CO 17
	1865	0.000	Max M <sub>T</sub>	-50.51	-0.01	-0.56	<b>0.00</b>	0.75	0.00	CO 13
	450	1.129	Min M <sub>T</sub>	-6.75	-0.21	0.39	<b>0.00</b>	0.40	0.14	CO 8
	1865	0.000	Max M <sub>y</sub>	-67.02	-0.01	-0.76	0.00	<b>0.99</b>	-0.01	CO 17
	1865	0.000	Min M <sub>y</sub>	-6.61	-0.21	0.57	0.00	<b>-0.14</b>	-0.10	CO 8
	450	1.129	Max M <sub>z</sub>	-53.15	-0.21	-0.28	0.00	0.38	<b>0.14</b>	CO 12
	1865	0.000	Min M <sub>z</sub>	-53.02	-0.21	-0.05	0.00	0.57	<b>-0.10</b>	CO 12
2107	450	0.000	max N	<b>65.54</b>	-0.01	-2.39	-0.01	0.70	0.01	CO 17
			min N	<b>2.29</b>	-0.24	-2.82	-0.19	0.79	0.05	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	8.75	<b>0.00</b>	-0.26	0.00	0.07	0.00	CO 1
			min V <sub>y</sub>	47.22	<b>-0.24</b>	-4.54	-0.20	1.30	0.06	CO 12
			max V <sub>z</sub>	4.66	-0.01	<b>-0.08</b>	-0.01	0.01	0.01	CO 9
			min V <sub>z</sub>	47.22	-0.24	<b>-4.54</b>	-0.20	1.30	0.06	CO 12
			max M <sub>T</sub>	8.75	0.00	-0.26	<b>0.00</b>	0.07	0.00	CO 1
			min M <sub>T</sub>	47.22	-0.24	-4.54	<b>-0.20</b>	1.30	0.06	CO 12
			max M <sub>y</sub>	47.22	-0.24	-4.54	-0.20	<b>1.30</b>	0.06	CO 12
			min M <sub>y</sub>	4.66	-0.01	-0.08	-0.01	<b>0.01</b>	0.01	CO 9
			max M <sub>z</sub>	47.22	-0.24	-4.54	-0.20	1.30	<b>0.06</b>	CO 12
			min M <sub>z</sub>	8.75	0.00	-0.26	0.00	0.07	<b>0.00</b>	CO 1
	1836	1.129	max N	<b>65.66</b>	-0.01	-2.66	-0.01	-2.12	0.02	CO 17
			min N	<b>2.41</b>	-0.23	-3.01	-0.19	-2.50	0.32	CO 8
			max V <sub>y</sub>	8.88	<b>0.00</b>	-0.44	0.00	-0.32	0.00	CO 1
			min V <sub>y</sub>	47.33	<b>-0.26</b>	-4.84	-0.20	-3.95	0.34	CO 12
			max V <sub>z</sub>	4.78	-0.01	<b>-0.26</b>	-0.01	-0.18	0.01	CO 9
			min V <sub>z</sub>	47.33	-0.26	<b>-4.84</b>	-0.20	-3.95	0.34	CO 12
			max M <sub>T</sub>	8.88	0.00	-0.44	<b>0.00</b>	-0.32	0.00	CO 1
			min M <sub>T</sub>	47.33	-0.26	-4.84	<b>-0.20</b>	-3.95	0.34	CO 12
			max M <sub>y</sub>	4.78	-0.01	-0.26	-0.01	<b>-0.18</b>	0.01	CO 9
			min M <sub>y</sub>	47.33	-0.26	-4.84	-0.20	<b>-3.95</b>	0.34	CO 12
			max M <sub>z</sub>	47.33	-0.26	-4.84	-0.20	-3.95	<b>0.34</b>	CO 12
			min M <sub>z</sub>	8.88	0.00	-0.44	0.00	-0.32	<b>0.00</b>	CO 1
	1836	1.129	Max N	<b>65.66</b>	-0.01	-2.66	-0.01	-2.12	0.02	CO 17
	450	0.000	Min N	<b>2.29</b>	-0.24	-2.82	-0.19	0.79	0.05	CO 8
	450	0.000	Max V <sub>y</sub>	8.75	<b>0.00</b>	-0.26	0.00	0.07	0.00	CO 1
	1836	1.129	Min V <sub>y</sub>	47.33	<b>-0.26</b>	-4.84	-0.20	-3.95	0.34	CO 12
	450	0.000	Max V <sub>z</sub>	4.66	-0.01	<b>-0.08</b>	-0.01	0.01	0.01	CO 9
	1836	1.129	Min V <sub>z</sub>	47.33	-0.26	<b>-4.84</b>	-0.20	-3.95	0.34	CO 12
	1836	1.129	Max M <sub>T</sub>	8.88	0.00	-0.44	<b>0.00</b>	-0.32	0.00	CO 1
	450	0.000	Min M <sub>T</sub>	47.22	-0.24	-4.54	<b>-0.20</b>	1.30	0.06	CO 12
	450	0.000	Max M <sub>y</sub>	47.22	-0.24	-4.54	-0.20	<b>1.30</b>	0.06	CO 12
	1836	1.129	Min M <sub>y</sub>	47.33	-0.26	-4.84	-0.20	<b>-3.95</b>	0.34	CO 12
	1836	1.129	Max M <sub>z</sub>	47.33	-0.26	-4.84	-0.20	-3.95	<b>0.34</b>	CO 12
	450	0.000	Min M <sub>z</sub>	8.75	0.00	-0.26	0.00	0.07	<b>0.00</b>	CO 1
2108	1843	0.000	max N	<b>95.25</b>	0.00	2.08	-0.01	-1.43	0.00	CO 17
			min N	<b>3.06</b>	0.04	-0.52	0.04	0.59	0.03	CO 8
			max V <sub>y</sub>	27.36	<b>0.04</b>	-0.33	0.03	0.48	0.03	CO 10
			min V <sub>y</sub>	76.70	<b>-0.01</b>	0.29	-0.02	-0.04	-0.01	CO 13
			max V <sub>z</sub>	95.25	0.00	<b>2.08</b>	-0.01	-1.43	0.00	CO 17
			min V <sub>z</sub>	15.64	-0.01	<b>-0.92</b>	-0.02	0.85	-0.01	CO 9
			max M <sub>T</sub>	3.06	0.04	-0.52	<b>0.04</b>	0.59	0.03	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	76.70	-0.01	0.29	<b>-0.02</b>	-0.04	-0.01	CO 13
			max M <sub>y</sub>	15.64	-0.01	-0.92	-0.02	<b>0.85</b>	-0.01	CO 9
			min M <sub>y</sub>	95.25	0.00	2.08	-0.01	<b>-1.43</b>	0.00	CO 17
			max M <sub>z</sub>	3.06	0.04	-0.52	0.04	0.59	<b>0.03</b>	CO 8
			min M <sub>z</sub>	76.70	-0.01	0.29	-0.02	-0.04	<b>-0.01</b>	CO 13
	473	1.129	max N	<b>95.11</b>	0.00	1.85	-0.01	0.75	0.00	CO 17
			min N	<b>2.93</b>	0.04	-0.70	0.04	-0.09	-0.01	CO 8
			max V <sub>y</sub>	27.23	<b>0.04</b>	-0.49	0.03	0.02	-0.01	CO 10
			min V <sub>y</sub>	76.57	<b>-0.01</b>	0.13	-0.02	0.19	0.00	CO 13
			max V <sub>z</sub>	95.11	0.00	<b>1.85</b>	-0.01	0.75	0.00	CO 17
			min V <sub>z</sub>	15.50	-0.01	<b>-1.09</b>	-0.02	-0.29	0.00	CO 9
			max M <sub>T</sub>	2.93	0.04	-0.70	<b>0.04</b>	-0.09	-0.01	CO 8
			min M <sub>T</sub>	76.57	-0.01	0.13	<b>-0.02</b>	0.19	0.00	CO 13
			max M <sub>y</sub>	95.11	0.00	1.85	-0.01	<b>0.75</b>	0.00	CO 17
			min M <sub>y</sub>	15.50	-0.01	-1.09	-0.02	<b>-0.29</b>	0.00	CO 9
			max M <sub>z</sub>	52.29	-0.01	-0.08	-0.02	0.08	<b>0.00</b>	CO 15
			min M <sub>z</sub>	64.06	0.04	0.51	0.03	0.38	<b>-0.01</b>	CO 12
	1843	0.000	Max N	<b>95.25</b>	0.00	2.08	-0.01	-1.43	0.00	CO 17
	473	1.129	Min N	<b>2.93</b>	0.04	-0.70	0.04	-0.09	-0.01	CO 8
	1843	0.000	Max V <sub>y</sub>	27.36	<b>0.04</b>	-0.33	0.03	0.48	0.03	CO 10
	1843	0.000	Min V <sub>y</sub>	76.70	<b>-0.01</b>	0.29	-0.02	-0.04	-0.01	CO 13
	1843	0.000	Max V <sub>z</sub>	95.25	0.00	<b>2.08</b>	-0.01	-1.43	0.00	CO 17
	473	1.129	Min V <sub>z</sub>	15.50	-0.01	<b>-1.09</b>	-0.02	-0.29	0.00	CO 9
	1843	0.000	Max M <sub>T</sub>	3.06	0.04	-0.52	<b>0.04</b>	0.59	0.03	CO 8
	1843	0.000	Min M <sub>T</sub>	76.70	-0.01	0.29	<b>-0.02</b>	-0.04	-0.01	CO 13
	1843	0.000	Max M <sub>y</sub>	15.64	-0.01	-0.92	-0.02	<b>0.85</b>	-0.01	CO 9
	1843	0.000	Min M <sub>y</sub>	95.25	0.00	2.08	-0.01	<b>-1.43</b>	0.00	CO 17
	1843	0.000	Max M <sub>z</sub>	3.06	0.04	-0.52	0.04	0.59	<b>0.03</b>	CO 8
	473	1.129	Min M <sub>z</sub>	64.06	0.04	0.51	0.03	0.38	<b>-0.01</b>	CO 12
2109	473	0.000	max N	<b>-1.78</b>	0.04	-0.28	0.00	0.08	0.03	CO 8
			min N	<b>-96.06</b>	0.00	0.47	0.00	0.14	0.00	CO 17
			max V <sub>y</sub>	-1.78	<b>0.04</b>	-0.28	0.00	0.08	0.03	CO 8
			min V <sub>y</sub>	-74.94	<b>-0.01</b>	0.53	0.00	-0.06	-0.01	CO 13
			max V <sub>z</sub>	-93.10	-0.01	<b>0.56</b>	0.00	0.03	-0.01	CO 19
			min V <sub>z</sub>	-1.78	0.04	<b>-0.28</b>	0.00	0.08	0.03	CO 8
			max M <sub>T</sub>	-63.63	0.04	0.11	<b>0.00</b>	0.12	0.03	CO 12
			min M <sub>T</sub>	-50.80	-0.01	0.34	<b>0.00</b>	-0.04	-0.01	CO 15
			max M <sub>y</sub>	-62.15	0.02	0.12	0.00	<b>0.16</b>	0.02	CO 20
			min M <sub>y</sub>	-37.21	-0.01	0.32	0.00	<b>-0.12</b>	-0.01	CO 11
			max M <sub>z</sub>	-1.78	0.04	-0.28	0.00	0.08	<b>0.03</b>	CO 8
			min M <sub>z</sub>	-74.94	-0.01	0.53	0.00	-0.06	<b>-0.01</b>	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1871	1.129	max N	<b>-1.66</b>	0.04	-0.46	0.00	-0.34	-0.02	CO 8
			min N	<b>-95.93</b>	0.00	0.22	0.00	0.54	0.00	CO 17
			max V <sub>y</sub>	-1.66	<b>0.04</b>	-0.46	0.00	-0.34	-0.02	CO 8
			min V <sub>y</sub>	-74.81	<b>-0.02</b>	0.32	0.00	0.42	0.00	CO 13
			max V <sub>z</sub>	-92.97	-0.01	<b>0.32</b>	0.00	0.54	0.00	CO 19
			min V <sub>z</sub>	-1.66	0.04	<b>-0.46</b>	0.00	-0.34	-0.02	CO 8
			max M <sub>T</sub>	-63.50	0.04	-0.09	<b>0.00</b>	0.14	-0.02	CO 12
			min M <sub>T</sub>	-50.67	-0.01	0.15	<b>0.00</b>	0.24	0.00	CO 15
			max M <sub>y</sub>	-92.97	-0.01	0.32	0.00	<b>0.54</b>	0.00	CO 19
			min M <sub>y</sub>	-1.66	0.04	-0.46	0.00	<b>-0.34</b>	-0.02	CO 8
			max M <sub>z</sub>	-74.81	-0.02	0.32	0.00	0.42	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-63.50	0.04	-0.09	0.00	0.14	<b>-0.02</b>	CO 12
	1871	1.129	Max N	<b>-1.66</b>	0.04	-0.46	0.00	-0.34	-0.02	CO 8
	473	0.000	Min N	<b>-96.06</b>	0.00	0.47	0.00	0.14	0.00	CO 17
		0.677	Max V <sub>y</sub>	-1.71	<b>0.04</b>	-0.39	0.00	-0.15	0.00	CO 8
		0.903	Min V <sub>y</sub>	-74.84	<b>-0.02</b>	0.36	0.00	0.35	0.00	CO 13
	473	0.000	Max V <sub>z</sub>	-93.10	-0.01	<b>0.56</b>	0.00	0.03	-0.01	CO 19
	1871	1.129	Min V <sub>z</sub>	-1.66	0.04	<b>-0.46</b>	0.00	-0.34	-0.02	CO 8
	473	0.000	Max M <sub>T</sub>	-63.63	0.04	0.11	<b>0.00</b>	0.12	0.03	CO 12
	1871	1.129	Min M <sub>T</sub>	-50.67	-0.01	0.15	<b>0.00</b>	0.24	0.00	CO 15
	1871	1.129	Max M <sub>y</sub>	-92.97	-0.01	0.32	0.00	<b>0.54</b>	0.00	CO 19
	1871	1.129	Min M <sub>y</sub>	-1.66	0.04	-0.46	0.00	<b>-0.34</b>	-0.02	CO 8
	473	0.000	Max M <sub>z</sub>	-1.78	0.04	-0.28	0.00	0.08	<b>0.03</b>	CO 8
	1871	1.129	Min M <sub>z</sub>	-63.50	0.04	-0.09	0.00	0.14	<b>-0.02</b>	CO 12
2110	1871	0.000	max N	<b>0.85</b>	0.00	-0.31	0.00	0.36	0.00	CO 1
			min N	<b>0.22</b>	-0.02	-0.92	0.00	1.02	-0.03	CO 12
			max V <sub>y</sub>	0.34	<b>0.01</b>	-0.96	0.00	1.04	0.01	CO 13
			min V <sub>y</sub>	0.22	<b>-0.02</b>	-0.92	0.00	1.02	-0.03	CO 12
			max V <sub>z</sub>	0.85	0.00	<b>-0.31</b>	0.00	0.36	0.00	CO 1
			min V <sub>z</sub>	0.33	0.00	<b>-1.04</b>	0.00	1.18	0.01	CO 19
			max M <sub>T</sub>	0.51	-0.02	-0.38	<b>0.00</b>	0.37	-0.03	CO 8
			min M <sub>T</sub>	0.34	0.01	-0.96	<b>0.00</b>	1.04	0.01	CO 13
			max M <sub>y</sub>	0.33	0.00	-1.04	0.00	<b>1.18</b>	0.01	CO 19
			min M <sub>y</sub>	0.85	0.00	-0.31	0.00	<b>0.36</b>	0.00	CO 1
			max M <sub>z</sub>	0.34	0.01	-0.96	0.00	1.04	<b>0.01</b>	CO 13
			min M <sub>z</sub>	0.36	-0.02	-0.63	0.00	0.65	<b>-0.03</b>	CO 10
	533	1.129	max N	<b>0.71</b>	0.00	-0.48	0.00	-0.09	0.00	CO 1
			min N	<b>0.09</b>	-0.02	-1.10	0.00	-0.12	0.00	CO 12
			max V <sub>y</sub>	0.21	<b>0.01</b>	-1.13	0.00	-0.14	0.00	CO 13
			min V <sub>y</sub>	0.09	<b>-0.02</b>	-1.10	0.00	-0.12	0.00	CO 12
			max V <sub>z</sub>	0.71	0.00	<b>-0.48</b>	0.00	-0.09	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	0.19	0.00	<b>-1.22</b>	0.00	-0.09	0.00	CO 19
			max M <sub>T</sub>	0.37	-0.02	-0.56	<b>0.00</b>	-0.16	0.00	CO 8
			min M <sub>T</sub>	0.21	0.01	-1.13	<b>0.00</b>	-0.14	0.00	CO 13
			max M <sub>y</sub>	0.54	0.00	-0.90	0.00	<b>-0.04</b>	0.00	CO 16
			min M <sub>y</sub>	0.36	0.01	-0.84	0.00	<b>-0.18</b>	0.00	CO 11
			max M <sub>z</sub>	0.42	0.01	-0.89	0.00	-0.14	<b>0.00</b>	CO 15
			min M <sub>z</sub>	0.22	-0.02	-0.80	0.00	-0.16	<b>0.00</b>	CO 10
	1871	0.000	Max N	<b>0.85</b>	0.00	-0.31	0.00	0.36	0.00	CO 1
	533	1.129	Min N	<b>0.09</b>	-0.02	-1.10	0.00	-0.12	0.00	CO 12
	533	1.129	Max V <sub>y</sub>	0.21	<b>0.01</b>	-1.13	0.00	-0.14	0.00	CO 13
	1871	0.000	Min V <sub>y</sub>	0.22	<b>-0.02</b>	-0.92	0.00	1.02	-0.03	CO 12
	1871	0.000	Max V <sub>z</sub>	0.85	0.00	<b>-0.31</b>	0.00	0.36	0.00	CO 1
	533	1.129	Min V <sub>z</sub>	0.19	0.00	<b>-1.22</b>	0.00	-0.09	0.00	CO 19
	1871	0.000	Max M <sub>T</sub>	0.51	-0.02	-0.38	<b>0.00</b>	0.37	-0.03	CO 8
	533	1.129	Min M <sub>T</sub>	0.21	0.01	-1.13	<b>0.00</b>	-0.14	0.00	CO 13
	1871	0.000	Max M <sub>y</sub>	0.33	0.00	-1.04	0.00	<b>1.18</b>	0.01	CO 19
	533	1.129	Min M <sub>y</sub>	0.36	0.01	-0.84	0.00	<b>-0.18</b>	0.00	CO 11
	1871	0.000	Max M <sub>z</sub>	0.34	0.01	-0.96	0.00	1.04	<b>0.01</b>	CO 13
	1871	0.000	Min M <sub>z</sub>	0.36	-0.02	-0.63	0.00	0.65	<b>-0.03</b>	CO 10
2111	533	0.000	max N	<b>2.41</b>	-0.04	0.77	0.01	0.08	-0.02	CO 12
			min N	<b>0.98</b>	0.00	0.45	0.00	-0.07	0.00	CO 1
			max V <sub>y</sub>	1.84	<b>0.01</b>	0.97	0.00	-0.03	0.00	CO 13
			min V <sub>y</sub>	1.73	<b>-0.04</b>	0.32	0.01	-0.01	-0.02	CO 8
			max V <sub>z</sub>	1.84	0.01	<b>1.06</b>	0.00	0.02	0.00	CO 19
			min V <sub>z</sub>	1.73	-0.04	<b>0.32</b>	0.01	-0.01	-0.02	CO 8
			max M <sub>T</sub>	2.10	-0.04	0.52	<b>0.01</b>	0.02	-0.02	CO 10
			min M <sub>T</sub>	1.54	0.01	0.78	<b>0.00</b>	-0.06	0.00	CO 15
			max M <sub>y</sub>	2.19	-0.02	0.93	0.01	<b>0.08</b>	-0.01	CO 18
			min M <sub>y</sub>	1.21	0.01	0.52	0.00	<b>-0.13</b>	0.00	CO 9
			max M <sub>z</sub>	0.98	0.00	0.45	0.00	-0.07	<b>0.00</b>	CO 1
			min M <sub>z</sub>	2.41	-0.04	0.77	0.01	0.08	<b>-0.02</b>	CO 12
	1867	1.129	max N	<b>2.54</b>	-0.04	0.59	0.01	0.85	0.02	CO 12
			min N	<b>1.11</b>	0.00	0.27	0.00	0.34	0.00	CO 1
			max V <sub>y</sub>	1.96	<b>0.01</b>	0.79	0.00	0.96	-0.02	CO 13
			min V <sub>y</sub>	1.85	<b>-0.04</b>	0.14	0.01	0.25	0.03	CO 8
			max V <sub>z</sub>	1.96	0.01	<b>0.88</b>	0.00	1.11	-0.02	CO 19
			min V <sub>z</sub>	1.85	-0.04	<b>0.14</b>	0.01	0.25	0.03	CO 8
			max M <sub>T</sub>	2.22	-0.04	0.34	<b>0.01</b>	0.50	0.03	CO 10
			min M <sub>T</sub>	1.67	0.01	0.60	<b>0.00</b>	0.71	-0.01	CO 15
			max M <sub>y</sub>	1.96	0.01	0.88	0.00	<b>1.11</b>	-0.02	CO 19
			min M <sub>y</sub>	1.85	-0.04	0.14	0.01	<b>0.25</b>	0.03	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	1.85	-0.04	0.14	0.01	0.25	<b>0.03</b>	CO 8
			min M <sub>z</sub>	1.96	0.01	0.79	0.00	0.96	<b>-0.02</b>	CO 13
	1867	1.129	Max N	<b>2.54</b>	-0.04	0.59	0.01	0.85	0.02	CO 12
	533	0.000	Min N	<b>0.98</b>	0.00	0.45	0.00	-0.07	0.00	CO 1
	1867	1.129	Max V <sub>y</sub>	1.96	<b>0.01</b>	0.79	0.00	0.96	-0.02	CO 13
	1867	1.129	Min V <sub>y</sub>	1.85	<b>-0.04</b>	0.14	0.01	0.25	0.03	CO 8
	533	0.000	Max V <sub>z</sub>	1.84	0.01	<b>1.06</b>	0.00	0.02	0.00	CO 19
	1867	1.129	Min V <sub>z</sub>	1.85	-0.04	<b>0.14</b>	0.01	0.25	0.03	CO 8
	1867	1.129	Max M <sub>T</sub>	2.22	-0.04	0.34	<b>0.01</b>	0.50	0.03	CO 10
	1867	1.129	Min M <sub>T</sub>	1.67	0.01	0.60	<b>0.00</b>	0.71	-0.01	CO 15
	1867	1.129	Max M <sub>y</sub>	1.96	0.01	0.88	0.00	<b>1.11</b>	-0.02	CO 19
	533	0.000	Min M <sub>y</sub>	1.21	0.01	0.52	0.00	<b>-0.13</b>	0.00	CO 9
	1867	1.129	Max M <sub>z</sub>	1.85	-0.04	0.14	0.01	0.25	<b>0.03</b>	CO 8
	1867	1.129	Min M <sub>z</sub>	1.96	0.01	0.79	0.00	0.96	<b>-0.02</b>	CO 13
2112	1867	0.000	max N	<b>-5.33</b>	0.19	1.03	0.01	-0.51	0.10	CO 8
			min N	<b>-98.22</b>	-0.02	0.21	0.00	0.39	-0.01	CO 17
			max V <sub>y</sub>	-5.33	<b>0.19</b>	1.03	0.01	-0.51	0.10	CO 8
			min V <sub>y</sub>	-77.52	<b>-0.03</b>	0.19	0.00	0.26	-0.01	CO 13
			max V <sub>z</sub>	-5.33	0.19	<b>1.03</b>	0.01	-0.51	0.10	CO 8
			min V <sub>z</sub>	-95.69	-0.03	<b>0.18</b>	0.00	0.37	-0.01	CO 19
			max M <sub>T</sub>	-5.33	0.19	1.03	<b>0.01</b>	-0.51	0.10	CO 8
			min M <sub>T</sub>	-98.22	-0.02	0.21	<b>0.00</b>	0.39	-0.01	CO 17
			max M <sub>y</sub>	-98.22	-0.02	0.21	0.00	<b>0.39</b>	-0.01	CO 17
			min M <sub>y</sub>	-5.33	0.19	1.03	0.01	<b>-0.51</b>	0.10	CO 8
			max M <sub>z</sub>	-5.33	0.19	1.03	0.01	-0.51	<b>0.10</b>	CO 8
			min M <sub>z</sub>	-77.52	-0.03	0.19	0.00	0.26	<b>-0.01</b>	CO 13
	504	1.129	max N	<b>-5.46</b>	0.19	0.85	0.01	0.56	-0.12	CO 8
			min N	<b>-98.36</b>	-0.02	-0.06	0.00	0.48	0.01	CO 17
			max V <sub>y</sub>	-5.46	<b>0.19</b>	0.85	0.01	0.56	-0.12	CO 8
			min V <sub>y</sub>	-77.66	<b>-0.03</b>	-0.04	0.00	0.34	0.02	CO 13
			max V <sub>z</sub>	-5.46	0.19	<b>0.85</b>	0.01	0.56	-0.12	CO 8
			min V <sub>z</sub>	-95.83	-0.03	<b>-0.07</b>	0.00	0.44	0.02	CO 19
			max M <sub>T</sub>	-5.46	0.19	0.85	<b>0.01</b>	0.56	-0.12	CO 8
			min M <sub>T</sub>	-98.36	-0.02	-0.06	<b>0.00</b>	0.48	0.01	CO 17
			max M <sub>y</sub>	-68.87	0.18	0.72	0.00	<b>0.83</b>	-0.11	CO 12
			min M <sub>y</sub>	-14.30	-0.02	0.09	0.00	<b>0.07</b>	0.02	CO 9
			max M <sub>z</sub>	-77.66	-0.03	-0.04	0.00	0.34	<b>0.02</b>	CO 13
			min M <sub>z</sub>	-5.46	0.19	0.85	0.01	0.56	<b>-0.12</b>	CO 8
	1867	0.000	Max N	<b>-5.33</b>	0.19	1.03	0.01	-0.51	0.10	CO 8
	504	1.129	Min N	<b>-98.36</b>	-0.02	-0.06	0.00	0.48	0.01	CO 17
		0.484	Max V <sub>y</sub>	-5.39	<b>0.19</b>	0.95	0.01	-0.03	0.01	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		0.452	Min V <sub>y</sub>	-77.58	<b>-0.03</b>	0.10	0.00	0.32	0.00	CO 13
	1867	0.000	Max V <sub>z</sub>	-5.33	0.19	<b>1.03</b>	0.01	-0.51	0.10	CO 8
	504	1.129	Min V <sub>z</sub>	-95.83	-0.03	<b>-0.07</b>	0.00	0.44	0.02	CO 19
	504	1.129	Max M <sub>T</sub>	-5.46	0.19	0.85	<b>0.01</b>	0.56	-0.12	CO 8
	504	1.129	Min M <sub>T</sub>	-98.36	-0.02	-0.06	<b>0.00</b>	0.48	0.01	CO 17
	504	1.129	Max M <sub>y</sub>	-68.87	0.18	0.72	0.00	<b>0.83</b>	-0.11	CO 12
	1867	0.000	Min M <sub>y</sub>	-5.33	0.19	1.03	0.01	<b>-0.51</b>	0.10	CO 8
	1867	0.000	Max M <sub>z</sub>	-5.33	0.19	1.03	0.01	-0.51	<b>0.10</b>	CO 8
	504	1.129	Min M <sub>z</sub>	-5.46	0.19	0.85	0.01	0.56	<b>-0.12</b>	CO 8
2113	504	0.000	max N	<b>93.03</b>	-0.02	-4.33	-0.01	1.44	-0.01	CO 17
			min N	<b>0.29</b>	0.21	-2.94	0.14	0.90	-0.04	CO 8
			max V <sub>y</sub>	0.29	<b>0.21</b>	-2.94	0.14	0.90	-0.04	CO 8
			min V <sub>y</sub>	74.11	<b>-0.03</b>	-3.07	-0.03	1.01	0.00	CO 13
			max V <sub>z</sub>	14.42	-0.03	<b>-0.20</b>	-0.02	0.07	0.00	CO 9
			min V <sub>z</sub>	60.01	0.20	<b>-5.83</b>	0.14	1.84	-0.04	CO 12
			max M <sub>T</sub>	0.29	0.21	-2.94	<b>0.14</b>	0.90	-0.04	CO 8
			min M <sub>T</sub>	74.11	-0.03	-3.07	<b>-0.03</b>	1.01	0.00	CO 13
			max M <sub>y</sub>	60.01	0.20	-5.83	0.14	<b>1.84</b>	-0.04	CO 12
			min M <sub>y</sub>	14.42	-0.03	-0.20	-0.02	<b>0.07</b>	0.00	CO 9
			max M <sub>z</sub>	14.42	-0.03	-0.20	-0.02	0.07	<b>0.00</b>	CO 9
			min M <sub>z</sub>	60.01	0.20	-5.83	0.14	1.84	<b>-0.04</b>	CO 12
	1842	1.129	max N	<b>93.14</b>	-0.02	-4.70	-0.01	-3.57	0.02	CO 17
			min N	<b>0.41</b>	0.21	-3.12	0.14	-2.52	-0.27	CO 8
			max V <sub>y</sub>	36.58	<b>0.21</b>	-4.97	0.14	-3.95	-0.27	CO 14
			min V <sub>y</sub>	74.23	<b>-0.03</b>	-3.36	-0.03	-2.57	0.03	CO 13
			max V <sub>z</sub>	14.55	-0.03	<b>-0.39</b>	-0.02	-0.26	0.03	CO 9
			min V <sub>z</sub>	60.11	0.21	<b>-6.19</b>	0.14	-4.86	-0.27	CO 12
			max M <sub>T</sub>	0.41	0.21	-3.12	<b>0.14</b>	-2.52	-0.27	CO 8
			min M <sub>T</sub>	74.23	-0.03	-3.36	<b>-0.03</b>	-2.57	0.03	CO 13
			max M <sub>y</sub>	14.55	-0.03	-0.39	-0.02	<b>-0.26</b>	0.03	CO 9
			min M <sub>y</sub>	60.11	0.21	-6.19	0.14	<b>-4.86</b>	-0.27	CO 12
			max M <sub>z</sub>	74.23	-0.03	-3.36	-0.03	-2.57	<b>0.03</b>	CO 13
			min M <sub>z</sub>	0.41	0.21	-3.12	0.14	-2.52	<b>-0.27</b>	CO 8
	1842	1.129	Max N	<b>93.14</b>	-0.02	-4.70	-0.01	-3.57	0.02	CO 17
	504	0.000	Min N	<b>0.29</b>	0.21	-2.94	0.14	0.90	-0.04	CO 8
	1842	1.129	Max V <sub>y</sub>	36.58	<b>0.21</b>	-4.97	0.14	-3.95	-0.27	CO 14
	1842	1.129	Min V <sub>y</sub>	74.23	<b>-0.03</b>	-3.36	-0.03	-2.57	0.03	CO 13
	504	0.000	Max V <sub>z</sub>	14.42	-0.03	<b>-0.20</b>	-0.02	0.07	0.00	CO 9
	1842	1.129	Min V <sub>z</sub>	60.11	0.21	<b>-6.19</b>	0.14	-4.86	-0.27	CO 12
	504	0.000	Max M <sub>T</sub>	0.29	0.21	-2.94	<b>0.14</b>	0.90	-0.04	CO 8
	504	0.000	Min M <sub>T</sub>	74.11	-0.03	-3.07	<b>-0.03</b>	1.01	0.00	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	504	0.000	Max M <sub>y</sub>	60.01	0.20	-5.83	0.14	<b>1.84</b>	-0.04	CO 12
	1842	1.129	Min M <sub>y</sub>	60.11	0.21	-6.19	0.14	<b>-4.86</b>	-0.27	CO 12
	1842	1.129	Max M <sub>z</sub>	74.23	-0.03	-3.36	-0.03	-2.57	<b>0.03</b>	CO 13
	1842	1.129	Min M <sub>z</sub>	0.41	0.21	-3.12	0.14	-2.52	<b>-0.27</b>	CO 8
2116	437	0.000	max N	<b>-0.94</b>	0.00	-4.36	0.00	1.14	0.00	CO 12
			min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	-0.94	<b>0.00</b>	-4.36	0.00	1.14	0.00	CO 8
			min V <sub>y</sub>	-0.94	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-0.94	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.94	0.00	<b>-4.36</b>	0.00	1.14	0.00	CO 12
			max M <sub>T</sub>	-0.94	0.00	-4.36	<b>0.00</b>	1.14	0.00	CO 12
			min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.94	0.00	-4.36	0.00	<b>1.14</b>	0.00	CO 12
			min M <sub>y</sub>	-0.94	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-0.94	0.00	-4.36	0.00	1.14	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.94	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1839	0.522	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1839	0.522	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	437	0.000	Min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	437	0.000	Max V <sub>y</sub>	-0.94	<b>0.00</b>	-4.36	0.00	1.14	0.00	CO 8
	1839	0.522	Min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
	1839	0.522	Max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
	437	0.000	Min V <sub>z</sub>	-0.94	0.00	<b>-4.36</b>	0.00	1.14	0.00	CO 12
	437	0.000	Max M <sub>T</sub>	-0.94	0.00	-4.36	<b>0.00</b>	1.14	0.00	CO 12
	437	0.000	Min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	437	0.000	Max M <sub>y</sub>	-0.94	0.00	-4.36	0.00	<b>1.14</b>	0.00	CO 12
	1839	0.522	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
	437	0.000	Max M <sub>z</sub>	-0.94	0.00	-4.36	0.00	1.14	<b>0.00</b>	CO 8
	1839	0.522	Min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
2118	1848	0.000	max N	<b>77.74</b>	-0.01	4.00	0.01	-3.10	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>9.05</b>	-0.01	0.26	0.01	-0.19	0.00	CO 9
			max V <sub>y</sub>	63.74	<b>0.03</b>	-1.21	0.11	1.14	0.13	CO 12
			min V <sub>y</sub>	60.58	<b>-0.02</b>	2.87	0.02	-2.25	-0.01	CO 13
			max V <sub>z</sub>	77.74	-0.01	<b>4.00</b>	0.01	-3.10	0.00	CO 17
			min V <sub>z</sub>	12.17	0.03	<b>-3.67</b>	0.11	3.15	0.13	CO 8
			max M <sub>T</sub>	63.74	0.03	-1.21	<b>0.11</b>	1.14	0.13	CO 12
			min M <sub>T</sub>	12.58	0.00	0.65	<b>0.00</b>	-0.47	0.00	CO 1
			max M <sub>y</sub>	12.17	0.03	-3.67	0.11	<b>3.15</b>	0.13	CO 8
			min M <sub>y</sub>	77.74	-0.01	4.00	0.01	<b>-3.10</b>	0.00	CO 17
			max M <sub>z</sub>	63.74	0.03	-1.21	0.11	1.14	<b>0.13</b>	CO 12
			min M <sub>z</sub>	60.58	-0.02	2.87	0.02	-2.25	<b>-0.01</b>	CO 13
	476	1.129	max N	<b>77.61</b>	-0.01	3.69	0.01	1.17	0.01	CO 17
			min N	<b>8.91</b>	-0.01	0.08	0.01	0.01	0.01	CO 9
			max V <sub>y</sub>	12.04	<b>0.02</b>	-3.82	0.11	-1.07	0.10	CO 8
			min V <sub>y</sub>	60.45	<b>-0.02</b>	2.61	0.02	0.81	0.02	CO 13
			max V <sub>z</sub>	77.61	-0.01	<b>3.69</b>	0.01	1.17	0.01	CO 17
			min V <sub>z</sub>	12.04	0.02	<b>-3.82</b>	0.11	-1.07	0.10	CO 8
			max M <sub>T</sub>	63.61	0.01	-1.33	<b>0.11</b>	-0.28	0.11	CO 12
			min M <sub>T</sub>	12.44	0.00	0.47	<b>0.00</b>	0.16	0.00	CO 1
			max M <sub>y</sub>	77.61	-0.01	3.69	0.01	<b>1.17</b>	0.01	CO 17
			min M <sub>y</sub>	12.04	0.02	-3.82	0.11	<b>-1.07</b>	0.10	CO 8
			max M <sub>z</sub>	63.61	0.01	-1.33	0.11	-0.28	<b>0.11</b>	CO 12
			min M <sub>z</sub>	12.44	0.00	0.47	0.00	0.16	<b>0.00</b>	CO 1
	1848	0.000	Max N	<b>77.74</b>	-0.01	4.00	0.01	-3.10	0.00	CO 17
	476	1.129	Min N	<b>8.91</b>	-0.01	0.08	0.01	0.01	0.01	CO 9
	1848	0.000	Max V <sub>y</sub>	63.74	<b>0.03</b>	-1.21	0.11	1.14	0.13	CO 12
	476	1.129	Min V <sub>y</sub>	60.45	<b>-0.02</b>	2.61	0.02	0.81	0.02	CO 13
	1848	0.000	Max V <sub>z</sub>	77.74	-0.01	<b>4.00</b>	0.01	-3.10	0.00	CO 17
	476	1.129	Min V <sub>z</sub>	12.04	0.02	<b>-3.82</b>	0.11	-1.07	0.10	CO 8
	1848	0.000	Max M <sub>T</sub>	63.74	0.03	-1.21	<b>0.11</b>	1.14	0.13	CO 12
	1848	0.000	Min M <sub>T</sub>	12.58	0.00	0.65	<b>0.00</b>	-0.47	0.00	CO 1
	1848	0.000	Max M <sub>y</sub>	12.17	0.03	-3.67	0.11	<b>3.15</b>	0.13	CO 8
	1848	0.000	Min M <sub>y</sub>	77.74	-0.01	4.00	0.01	<b>-3.10</b>	0.00	CO 17
	1848	0.000	Max M <sub>z</sub>	63.74	0.03	-1.21	0.11	1.14	<b>0.13</b>	CO 12
	1848	0.000	Min M <sub>z</sub>	60.58	-0.02	2.87	0.02	-2.25	<b>-0.01</b>	CO 13
2119	476	0.000	max N	<b>-4.83</b>	0.03	0.73	-0.02	-0.52	0.04	CO 8
			min N	<b>-81.69</b>	-0.01	0.42	0.00	0.30	0.00	CO 17
			max V <sub>y</sub>	-4.83	<b>0.03</b>	0.73	-0.02	-0.52	0.04	CO 8
			min V <sub>y</sub>	-79.20	<b>-0.01</b>	0.43	-0.01	0.27	0.00	CO 19
			max V <sub>z</sub>	-59.33	0.01	<b>1.02</b>	-0.02	-0.34	0.04	CO 12
			min V <sub>z</sub>	-12.65	0.00	<b>0.03</b>	0.00	0.08	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-12.65	0.00	0.03	<b>0.00</b>	0.08	0.00	CO 1
			min M <sub>T</sub>	-59.33	0.01	1.02	<b>-0.02</b>	-0.34	0.04	CO 12
			max M <sub>y</sub>	-81.69	-0.01	0.42	0.00	<b>0.30</b>	0.00	CO 17
			min M <sub>y</sub>	-4.83	0.03	0.73	-0.02	<b>-0.52</b>	0.04	CO 8
			max M <sub>z</sub>	-4.83	0.03	0.73	-0.02	-0.52	<b>0.04</b>	CO 8
			min M <sub>z</sub>	-81.69	-0.01	0.42	0.00	0.30	<b>0.00</b>	CO 17
	1876	1.129	max N	<b>-4.70</b>	0.03	0.55	-0.02	0.20	0.01	CO 8
			min N	<b>-81.57</b>	-0.01	0.16	0.00	0.64	0.01	CO 17
			max V <sub>y</sub>	-4.70	<b>0.03</b>	0.55	-0.02	0.20	0.01	CO 8
			min V <sub>y</sub>	-79.08	<b>-0.01</b>	0.17	-0.01	0.62	0.01	CO 19
			max V <sub>z</sub>	-59.21	0.02	<b>0.81</b>	-0.02	0.70	0.02	CO 12
			min V <sub>z</sub>	-12.53	0.00	<b>-0.15</b>	0.00	0.01	0.00	CO 1
			max M <sub>T</sub>	-12.53	0.00	-0.15	<b>0.00</b>	0.01	0.00	CO 1
			min M <sub>T</sub>	-59.21	0.02	0.81	<b>-0.02</b>	0.70	0.02	CO 12
			max M <sub>y</sub>	-76.82	0.00	0.59	-0.02	<b>0.76</b>	0.02	CO 18
			min M <sub>y</sub>	-8.42	0.00	-0.14	0.00	<b>-0.03</b>	0.00	CO 9
			max M <sub>z</sub>	-59.21	0.02	0.81	-0.02	0.70	<b>0.02</b>	CO 12
			min M <sub>z</sub>	-12.53	0.00	-0.15	0.00	0.01	<b>0.00</b>	CO 1
	1876	1.129	Max N	<b>-4.70</b>	0.03	0.55	-0.02	0.20	0.01	CO 8
	476	0.000	Min N	<b>-81.69</b>	-0.01	0.42	0.00	0.30	0.00	CO 17
	1876	1.129	Max V <sub>y</sub>	-4.70	<b>0.03</b>	0.55	-0.02	0.20	0.01	CO 8
	476	0.000	Min V <sub>y</sub>	-79.20	<b>-0.01</b>	0.43	-0.01	0.27	0.00	CO 19
	476	0.000	Max V <sub>z</sub>	-59.33	0.01	<b>1.02</b>	-0.02	-0.34	0.04	CO 12
	1876	1.129	Min V <sub>z</sub>	-12.53	0.00	<b>-0.15</b>	0.00	0.01	0.00	CO 1
		0.903	Max M <sub>T</sub>	-12.55	0.00	-0.12	<b>0.00</b>	0.04	0.00	CO 1
	476	0.000	Min M <sub>T</sub>	-59.33	0.01	1.02	<b>-0.02</b>	-0.34	0.04	CO 12
	1876	1.129	Max M <sub>y</sub>	-76.82	0.00	0.59	-0.02	<b>0.76</b>	0.02	CO 18
	476	0.000	Min M <sub>y</sub>	-4.83	0.03	0.73	-0.02	<b>-0.52</b>	0.04	CO 8
	476	0.000	Max M <sub>z</sub>	-4.83	0.03	0.73	-0.02	-0.52	<b>0.04</b>	CO 8
	476	0.000	Min M <sub>z</sub>	-81.69	-0.01	0.42	0.00	0.30	<b>0.00</b>	CO 17
2120	1876	0.000	max N	<b>1.49</b>	0.01	-0.25	0.01	0.48	0.01	CO 13
			min N	<b>-1.06</b>	0.07	-0.34	0.04	0.26	0.06	CO 8
			max V <sub>y</sub>	-0.75	<b>0.09</b>	-0.48	0.04	0.59	0.07	CO 12
			min V <sub>y</sub>	1.14	<b>0.00</b>	-0.11	0.01	0.16	0.00	CO 9
			max V <sub>z</sub>	0.89	0.00	<b>-0.05</b>	0.00	0.14	0.00	CO 1
			min V <sub>z</sub>	-0.75	0.09	<b>-0.48</b>	0.04	0.59	0.07	CO 12
			max M <sub>T</sub>	-0.75	0.09	-0.48	<b>0.04</b>	0.59	0.07	CO 12
			min M <sub>T</sub>	0.89	0.00	-0.05	<b>0.00</b>	0.14	0.00	CO 1
			max M <sub>y</sub>	0.08	0.06	-0.40	0.03	<b>0.63</b>	0.05	CO 18
			min M <sub>y</sub>	0.89	0.00	-0.05	0.00	<b>0.14</b>	0.00	CO 1
			max M <sub>z</sub>	-0.75	0.09	-0.48	0.04	0.59	<b>0.07</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	0.89	0.00	-0.05	0.00	0.14	<b>0.00</b>	CO 1
	482	1.129	max N	<b>1.35</b>	0.01	-0.42	0.01	0.11	0.00	CO 13
			min N	<b>-1.19</b>	0.07	-0.52	0.04	-0.22	-0.02	CO 8
			max V <sub>y</sub>	-0.88	<b>0.09</b>	-0.65	0.04	-0.05	-0.03	CO 12
			min V <sub>y</sub>	1.00	<b>0.00</b>	-0.28	0.01	-0.06	0.00	CO 9
			max V <sub>z</sub>	0.76	0.00	<b>-0.22</b>	0.00	-0.01	0.00	CO 1
			min V <sub>z</sub>	-0.88	0.09	<b>-0.65</b>	0.04	-0.05	-0.03	CO 12
			max M <sub>T</sub>	-0.88	0.09	-0.65	<b>0.04</b>	-0.05	-0.03	CO 12
			min M <sub>T</sub>	0.76	0.00	-0.22	<b>0.00</b>	-0.01	0.00	CO 1
			max M <sub>y</sub>	1.13	0.02	-0.40	0.01	<b>0.20</b>	-0.01	CO 17
			min M <sub>y</sub>	-1.19	0.07	-0.52	0.04	<b>-0.22</b>	-0.02	CO 8
			max M <sub>z</sub>	1.00	0.00	-0.28	0.01	-0.06	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.88	0.09	-0.65	0.04	-0.05	<b>-0.03</b>	CO 12
	1876	0.000	Max N	<b>1.49</b>	0.01	-0.25	0.01	0.48	0.01	CO 13
	482	1.129	Min N	<b>-1.19</b>	0.07	-0.52	0.04	-0.22	-0.02	CO 8
		0.677	Max V <sub>y</sub>	-0.83	<b>0.09</b>	-0.59	0.04	0.23	0.01	CO 12
	1876	0.000	Min V <sub>y</sub>	1.14	<b>0.00</b>	-0.11	0.01	0.16	0.00	CO 9
	1876	0.000	Max V <sub>z</sub>	0.89	0.00	<b>-0.05</b>	0.00	0.14	0.00	CO 1
	482	1.129	Min V <sub>z</sub>	-0.88	0.09	<b>-0.65</b>	0.04	-0.05	-0.03	CO 12
	1876	0.000	Max M <sub>T</sub>	-0.75	0.09	-0.48	<b>0.04</b>	0.59	0.07	CO 12
	482	1.129	Min M <sub>T</sub>	0.76	0.00	-0.22	<b>0.00</b>	-0.01	0.00	CO 1
	1876	0.000	Max M <sub>y</sub>	0.08	0.06	-0.40	0.03	<b>0.63</b>	0.05	CO 18
	482	1.129	Min M <sub>y</sub>	-1.19	0.07	-0.52	0.04	<b>-0.22</b>	-0.02	CO 8
	1876	0.000	Max M <sub>z</sub>	-0.75	0.09	-0.48	0.04	0.59	<b>0.07</b>	CO 12
	482	1.129	Min M <sub>z</sub>	-0.88	0.09	-0.65	0.04	-0.05	<b>-0.03</b>	CO 12
2121	482	0.000	max N	<b>2.57</b>	0.02	0.14	0.00	0.03	0.06	CO 8
			min N	<b>-0.35</b>	0.00	0.59	0.00	0.07	0.01	CO 19
			max V <sub>y</sub>	2.31	<b>0.02</b>	0.23	0.00	0.07	0.06	CO 10
			min V <sub>y</sub>	0.25	<b>-0.01</b>	0.36	0.00	-0.11	0.01	CO 9
			max V <sub>z</sub>	-0.35	0.00	<b>0.59</b>	0.00	0.07	0.01	CO 19
			min V <sub>z</sub>	2.57	0.02	<b>0.14</b>	0.00	0.03	0.06	CO 8
			max M <sub>T</sub>	-0.23	0.01	0.53	<b>0.00</b>	0.12	0.01	CO 17
			min M <sub>T</sub>	2.57	0.02	0.14	<b>0.00</b>	0.03	0.06	CO 8
			max M <sub>y</sub>	1.07	0.01	0.46	0.00	<b>0.15</b>	0.04	CO 18
			min M <sub>y</sub>	0.25	-0.01	0.36	0.00	<b>-0.11</b>	0.01	CO 9
			max M <sub>z</sub>	2.07	0.02	0.36	0.00	0.14	<b>0.06</b>	CO 12
			min M <sub>z</sub>	0.48	0.00	0.25	0.00	-0.03	<b>0.00</b>	CO 1
	1874	1.129	max N	<b>2.69</b>	0.02	-0.04	0.00	0.08	0.04	CO 8
			min N	<b>-0.22</b>	0.00	0.41	0.00	0.64	0.02	CO 19
			max V <sub>y</sub>	2.44	<b>0.02</b>	0.05	0.00	0.23	0.04	CO 10
			min V <sub>y</sub>	0.38	<b>-0.01</b>	0.18	0.00	0.19	0.02	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-0.22	0.00	<b>0.41</b>	0.00	0.64	0.02	CO 19
			min V <sub>z</sub>	2.69	0.02	<b>-0.04</b>	0.00	0.08	0.04	CO 8
			max M <sub>T</sub>	-0.10	0.01	0.35	<b>0.00</b>	0.61	0.00	CO 17
			min M <sub>T</sub>	2.69	0.02	-0.04	<b>0.00</b>	0.08	0.04	CO 8
			max M <sub>y</sub>	-0.22	0.00	0.41	0.00	<b>0.64</b>	0.02	CO 19
			min M <sub>y</sub>	2.69	0.02	-0.04	0.00	<b>0.08</b>	0.04	CO 8
			max M <sub>z</sub>	2.19	0.02	0.18	0.00	0.45	<b>0.04</b>	CO 12
			min M <sub>z</sub>	0.60	0.00	0.07	0.00	0.16	<b>0.00</b>	CO 1
	1874	1.129	Max N	<b>2.69</b>	0.02	-0.04	0.00	0.08	0.04	CO 8
	482	0.000	Min N	<b>-0.35</b>	0.00	0.59	0.00	0.07	0.01	CO 19
	482	0.000	Max V <sub>y</sub>	2.31	<b>0.02</b>	0.23	0.00	0.07	0.06	CO 10
	482	0.000	Min V <sub>y</sub>	0.25	<b>-0.01</b>	0.36	0.00	-0.11	0.01	CO 9
	482	0.000	Max V <sub>z</sub>	-0.35	0.00	<b>0.59</b>	0.00	0.07	0.01	CO 19
	1874	1.129	Min V <sub>z</sub>	2.69	0.02	<b>-0.04</b>	0.00	0.08	0.04	CO 8
	1874	1.129	Max M <sub>T</sub>	-0.10	0.01	0.35	<b>0.00</b>	0.61	0.00	CO 17
	482	0.000	Min M <sub>T</sub>	2.57	0.02	0.14	<b>0.00</b>	0.03	0.06	CO 8
	1874	1.129	Max M <sub>y</sub>	-0.22	0.00	0.41	0.00	<b>0.64</b>	0.02	CO 19
	482	0.000	Min M <sub>y</sub>	0.25	-0.01	0.36	0.00	<b>-0.11</b>	0.01	CO 9
	482	0.000	Max M <sub>z</sub>	2.07	0.02	0.36	0.00	0.14	<b>0.06</b>	CO 12
	1874	1.129	Min M <sub>z</sub>	0.60	0.00	0.07	0.00	0.16	<b>0.00</b>	CO 1
2122	1874	0.000	max N	<b>-7.17</b>	0.02	-0.09	0.00	0.05	0.01	CO 9
			min N	<b>-79.37</b>	0.00	-0.56	0.00	0.77	0.00	CO 17
			max V <sub>y</sub>	-64.18	<b>0.02</b>	0.11	0.01	0.40	0.00	CO 12
			min V <sub>y</sub>	-32.16	<b>0.00</b>	-0.19	0.00	0.28	0.00	CO 2
			max V <sub>z</sub>	-11.07	0.02	<b>0.63</b>	0.01	-0.19	0.00	CO 8
			min V <sub>z</sub>	-76.40	0.01	<b>-0.66</b>	0.00	0.78	0.00	CO 19
			max M <sub>T</sub>	-64.18	0.02	0.11	<b>0.01</b>	0.40	0.00	CO 12
			min M <sub>T</sub>	-12.07	0.00	0.07	<b>0.00</b>	0.03	0.00	CO 1
			max M <sub>y</sub>	-76.40	0.01	-0.66	0.00	<b>0.78</b>	0.00	CO 19
			min M <sub>y</sub>	-11.07	0.02	0.63	0.01	<b>-0.19</b>	0.00	CO 8
			max M <sub>z</sub>	-40.16	0.02	-0.37	0.01	0.39	<b>0.01</b>	CO 15
			min M <sub>z</sub>	-79.37	0.00	-0.56	0.00	0.77	<b>0.00</b>	CO 17
	478	1.129	max N	<b>-7.31</b>	0.02	-0.27	0.00	-0.16	-0.01	CO 9
			min N	<b>-79.50</b>	0.00	-0.80	0.00	-0.01	0.00	CO 17
			max V <sub>y</sub>	-64.32	<b>0.02</b>	-0.12	0.01	0.39	-0.03	CO 12
			min V <sub>y</sub>	-32.30	<b>0.00</b>	-0.37	0.00	-0.04	0.00	CO 2
			max V <sub>z</sub>	-11.20	0.02	<b>0.45</b>	0.01	0.42	-0.02	CO 8
			min V <sub>z</sub>	-76.54	0.01	<b>-0.89</b>	0.00	-0.11	-0.01	CO 19
			max M <sub>T</sub>	-64.32	0.02	-0.12	<b>0.01</b>	0.39	-0.03	CO 12
			min M <sub>T</sub>	-12.21	0.00	-0.10	<b>0.00</b>	0.01	0.00	CO 1
			max M <sub>y</sub>	-44.20	0.02	0.15	0.01	<b>0.44</b>	-0.03	CO 14

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-27.39	0.02	-0.53	0.00	<b>-0.21</b>	-0.01	CO 11
			max M <sub>z</sub>	-12.21	0.00	-0.10	0.00	0.01	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-64.32	0.02	-0.12	0.01	0.39	<b>-0.03</b>	CO 12
	1874	0.000	Max N	<b>-7.17</b>	0.02	-0.09	0.00	0.05	0.01	CO 9
	478	1.129	Min N	<b>-79.50</b>	0.00	-0.80	0.00	-0.01	0.00	CO 17
	1874	0.000	Max V <sub>y</sub>	-64.18	<b>0.02</b>	0.11	0.01	0.40	0.00	CO 12
	478	1.129	Min V <sub>y</sub>	-32.30	<b>0.00</b>	-0.37	0.00	-0.04	0.00	CO 2
	1874	0.000	Max V <sub>z</sub>	-11.07	0.02	<b>0.63</b>	0.01	-0.19	0.00	CO 8
	478	1.129	Min V <sub>z</sub>	-76.54	0.01	<b>-0.89</b>	0.00	-0.11	-0.01	CO 19
		0.903	Max M <sub>T</sub>	-64.29	0.02	-0.08	<b>0.01</b>	0.41	-0.02	CO 12
	478	1.129	Min M <sub>T</sub>	-12.21	0.00	-0.10	<b>0.00</b>	0.01	0.00	CO 1
	1874	0.000	Max M <sub>y</sub>	-76.40	0.01	-0.66	0.00	<b>0.78</b>	0.00	CO 19
	478	1.129	Min M <sub>y</sub>	-27.39	0.02	-0.53	0.00	<b>-0.21</b>	-0.01	CO 11
	1874	0.000	Max M <sub>z</sub>	-40.16	0.02	-0.37	0.01	0.39	<b>0.01</b>	CO 15
	478	1.129	Min M <sub>z</sub>	-64.32	0.02	-0.12	0.01	0.39	<b>-0.03</b>	CO 12
2123	478	0.000	max N	<b>79.56</b>	0.00	-1.32	0.01	0.54	0.00	CO 17
			min N	<b>6.36</b>	0.05	-3.06	0.04	0.81	0.03	CO 8
			max V <sub>y</sub>	59.16	<b>0.06</b>	-4.04	0.05	1.20	0.03	CO 12
			min V <sub>y</sub>	12.82	<b>0.00</b>	0.01	0.00	0.03	0.00	CO 1
			max V <sub>z</sub>	10.00	0.02	<b>1.24</b>	0.01	-0.35	0.02	CO 9
			min V <sub>z</sub>	59.16	0.06	<b>-4.04</b>	0.05	1.20	0.03	CO 12
			max M <sub>T</sub>	59.16	0.06	-4.04	<b>0.05</b>	1.20	0.03	CO 12
			min M <sub>T</sub>	12.82	0.00	0.01	<b>0.00</b>	0.03	0.00	CO 1
			max M <sub>y</sub>	59.16	0.06	-4.04	0.05	<b>1.20</b>	0.03	CO 12
			min M <sub>y</sub>	10.00	0.02	1.24	0.01	<b>-0.35</b>	0.02	CO 9
			max M <sub>z</sub>	59.16	0.06	-4.04	0.05	1.20	<b>0.03</b>	CO 12
			min M <sub>z</sub>	33.30	0.00	-0.09	0.00	0.09	<b>0.00</b>	CO 2
	1847	1.129	max N	<b>79.69</b>	0.00	-1.53	0.01	-1.05	0.00	CO 17
			min N	<b>6.48</b>	0.05	-3.25	0.04	-2.74	-0.04	CO 8
			max V <sub>y</sub>	59.27	<b>0.06</b>	-4.35	0.05	-3.49	-0.04	CO 12
			min V <sub>y</sub>	12.95	<b>0.00</b>	-0.17	0.00	-0.07	0.00	CO 1
			max V <sub>z</sub>	10.12	0.02	<b>1.07</b>	0.01	0.95	-0.01	CO 9
			min V <sub>z</sub>	59.27	0.06	<b>-4.35</b>	0.05	-3.49	-0.04	CO 12
			max M <sub>T</sub>	59.27	0.06	-4.35	<b>0.05</b>	-3.49	-0.04	CO 12
			min M <sub>T</sub>	12.95	0.00	-0.17	<b>0.00</b>	-0.07	0.00	CO 1
			max M <sub>y</sub>	10.12	0.02	1.07	0.01	<b>0.95</b>	-0.01	CO 9
			min M <sub>y</sub>	59.27	0.06	-4.35	0.05	<b>-3.49</b>	-0.04	CO 12
			max M <sub>z</sub>	12.95	0.00	-0.17	0.00	-0.07	<b>0.00</b>	CO 1
			min M <sub>z</sub>	59.27	0.06	-4.35	0.05	-3.49	<b>-0.04</b>	CO 12
	1847	1.129	Max N	<b>79.69</b>	0.00	-1.53	0.01	-1.05	0.00	CO 17
	478	0.000	Min N	<b>6.36</b>	0.05	-3.06	0.04	0.81	0.03	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	478	0.000	Max V <sub>y</sub>	59.16	<b>0.06</b>	-4.04	0.05	1.20	0.03	CO 12
	478	0.000	Min V <sub>y</sub>	12.82	<b>0.00</b>	0.01	0.00	0.03	0.00	CO 1
	478	0.000	Max V <sub>z</sub>	10.00	0.02	<b>1.24</b>	0.01	-0.35	0.02	CO 9
	1847	1.129	Min V <sub>z</sub>	59.27	0.06	<b>-4.35</b>	0.05	-3.49	-0.04	CO 12
	478	0.000	Max M <sub>T</sub>	59.16	0.06	-4.04	<b>0.05</b>	1.20	0.03	CO 12
	1847	1.129	Min M <sub>T</sub>	12.95	0.00	-0.17	<b>0.00</b>	-0.07	0.00	CO 1
	478	0.000	Max M <sub>y</sub>	59.16	0.06	-4.04	0.05	<b>1.20</b>	0.03	CO 12
	1847	1.129	Min M <sub>y</sub>	59.27	0.06	-4.35	0.05	<b>-3.49</b>	-0.04	CO 12
	478	0.000	Max M <sub>z</sub>	59.16	0.06	-4.04	0.05	1.20	<b>0.03</b>	CO 12
	1847	1.129	Min M <sub>z</sub>	59.27	0.06	-4.35	0.05	-3.49	<b>-0.04</b>	CO 12
2124	1849	0.000	max N	<b>66.08</b>	0.00	2.38	0.00	-1.91	0.00	CO 17
			min N	<b>4.81</b>	0.01	0.30	0.01	-0.22	0.01	CO 9
			max V <sub>y</sub>	4.81	<b>0.01</b>	0.30	0.01	-0.22	0.01	CO 9
			min V <sub>y</sub>	53.06	<b>-0.12</b>	-2.07	-0.11	1.81	-0.14	CO 12
			max V <sub>z</sub>	66.08	0.00	<b>2.38</b>	0.00	-1.91	0.00	CO 17
			min V <sub>z</sub>	7.81	-0.11	<b>-3.50</b>	-0.10	3.05	-0.13	CO 8
			max M <sub>T</sub>	4.81	0.01	0.30	<b>0.01</b>	-0.22	0.01	CO 9
			min M <sub>T</sub>	53.06	-0.12	-2.07	<b>-0.11</b>	1.81	-0.14	CO 12
			max M <sub>y</sub>	7.81	-0.11	-3.50	-0.10	<b>3.05</b>	-0.13	CO 8
			min M <sub>y</sub>	66.08	0.00	2.38	0.00	<b>-1.91</b>	0.00	CO 17
			max M <sub>z</sub>	4.81	0.01	0.30	0.01	-0.22	<b>0.01</b>	CO 9
			min M <sub>z</sub>	53.06	-0.12	-2.07	-0.11	1.81	<b>-0.14</b>	CO 12
	477	1.129	max N	<b>65.95</b>	0.00	2.12	0.00	0.60	0.00	CO 17
			min N	<b>4.67</b>	0.01	0.13	0.01	0.02	0.00	CO 9
			max V <sub>y</sub>	4.67	<b>0.01</b>	0.13	0.01	0.02	0.00	CO 9
			min V <sub>y</sub>	52.92	<b>-0.11</b>	-2.17	-0.11	-0.56	-0.01	CO 12
			max V <sub>z</sub>	65.95	0.00	<b>2.12</b>	0.00	0.60	0.00	CO 17
			min V <sub>z</sub>	7.68	-0.11	<b>-3.66</b>	-0.10	-0.98	-0.01	CO 8
			max M <sub>T</sub>	4.67	0.01	0.13	<b>0.01</b>	0.02	0.00	CO 9
			min M <sub>T</sub>	52.92	-0.11	-2.17	<b>-0.11</b>	-0.56	-0.01	CO 12
			max M <sub>y</sub>	65.95	0.00	2.12	0.00	<b>0.60</b>	0.00	CO 17
			min M <sub>y</sub>	7.68	-0.11	-3.66	-0.10	<b>-0.98</b>	-0.01	CO 8
			max M <sub>z</sub>	49.86	0.00	1.65	0.00	0.45	<b>0.01</b>	CO 13
			min M <sub>z</sub>	35.51	-0.11	-2.73	-0.10	-0.72	<b>-0.01</b>	CO 14
	1849	0.000	Max N	<b>66.08</b>	0.00	2.38	0.00	-1.91	0.00	CO 17
	477	1.129	Min N	<b>4.67</b>	0.01	0.13	0.01	0.02	0.00	CO 9
	477	1.129	Max V <sub>y</sub>	4.67	<b>0.01</b>	0.13	0.01	0.02	0.00	CO 9
	1849	0.000	Min V <sub>y</sub>	53.06	<b>-0.12</b>	-2.07	-0.11	1.81	-0.14	CO 12
	1849	0.000	Max V <sub>z</sub>	66.08	0.00	<b>2.38</b>	0.00	-1.91	0.00	CO 17
	477	1.129	Min V <sub>z</sub>	7.68	-0.11	<b>-3.66</b>	-0.10	-0.98	-0.01	CO 8
	477	1.129	Max M <sub>T</sub>	4.67	0.01	0.13	<b>0.01</b>	0.02	0.00	CO 9



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1849	0.000	Min M <sub>T</sub>	53.06	-0.12	-2.07	<b>-0.11</b>	1.81	-0.14	CO 12
	1849	0.000	Max M <sub>y</sub>	7.81	-0.11	-3.50	-0.10	<b>3.05</b>	-0.13	CO 8
	1849	0.000	Min M <sub>y</sub>	66.08	0.00	2.38	0.00	<b>-1.91</b>	0.00	CO 17
	1849	0.000	Max M <sub>z</sub>	4.81	0.01	0.30	0.01	-0.22	<b>0.01</b>	CO 9
	1849	0.000	Min M <sub>z</sub>	53.06	-0.12	-2.07	-0.11	1.81	<b>-0.14</b>	CO 12
2126	477	0.000	max N	<b>-0.79</b>	-0.10	0.72	0.00	-0.48	-0.07	CO 8
			min N	<b>-67.06</b>	0.00	1.07	0.00	-0.07	0.00	CO 17
			max V <sub>y</sub>	-4.37	<b>0.01</b>	0.12	0.00	0.01	0.00	CO 9
			min V <sub>y</sub>	-47.06	<b>-0.10</b>	1.42	0.00	-0.54	-0.08	CO 12
			max V <sub>z</sub>	-47.06	-0.10	<b>1.42</b>	0.00	-0.54	-0.08	CO 12
			min V <sub>z</sub>	-4.37	0.01	<b>0.12</b>	0.00	0.01	0.00	CO 9
			max M <sub>T</sub>	-8.54	0.00	0.17	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-47.06	-0.10	1.42	<b>0.00</b>	-0.54	-0.08	CO 12
			max M <sub>y</sub>	-4.37	0.01	0.12	0.00	<b>0.01</b>	0.00	CO 9
			min M <sub>y</sub>	-47.06	-0.10	1.42	0.00	<b>-0.54</b>	-0.08	CO 12
			max M <sub>z</sub>	-4.37	0.01	0.12	0.00	0.01	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-47.06	-0.10	1.42	0.00	-0.54	<b>-0.08</b>	CO 12
	1877	1.129	max N	<b>-0.66</b>	-0.10	0.54	0.00	0.23	0.04	CO 8
			min N	<b>-66.93</b>	0.00	0.82	0.00	1.02	0.00	CO 17
			max V <sub>y</sub>	-4.25	<b>0.01</b>	-0.07	0.00	0.04	0.00	CO 9
			min V <sub>y</sub>	-46.93	<b>-0.10</b>	1.22	0.00	0.96	0.04	CO 12
			max V <sub>z</sub>	-46.93	-0.10	<b>1.22</b>	0.00	0.96	0.04	CO 12
			min V <sub>z</sub>	-4.25	0.01	<b>-0.07</b>	0.00	0.04	0.00	CO 9
			max M <sub>T</sub>	-8.42	0.00	-0.01	<b>0.00</b>	0.10	0.00	CO 1
			min M <sub>T</sub>	-46.93	-0.10	1.22	<b>0.00</b>	0.96	0.04	CO 12
			max M <sub>y</sub>	-62.26	-0.06	1.16	0.00	<b>1.10</b>	0.02	CO 18
			min M <sub>y</sub>	-4.25	0.01	-0.07	0.00	<b>0.04</b>	0.00	CO 9
			max M <sub>z</sub>	-46.93	-0.10	1.22	0.00	0.96	<b>0.04</b>	CO 12
			min M <sub>z</sub>	-4.25	0.01	-0.07	0.00	0.04	<b>0.00</b>	CO 9
	1877	1.129	Max N	<b>-0.66</b>	-0.10	0.54	0.00	0.23	0.04	CO 8
	477	0.000	Min N	<b>-67.06</b>	0.00	1.07	0.00	-0.07	0.00	CO 17
	1877	1.129	Max V <sub>y</sub>	-4.25	<b>0.01</b>	-0.07	0.00	0.04	0.00	CO 9
		0.677	Min V <sub>y</sub>	-46.98	<b>-0.10</b>	1.31	0.00	0.39	-0.01	CO 12
	477	0.000	Max V <sub>z</sub>	-47.06	-0.10	<b>1.42</b>	0.00	-0.54	-0.08	CO 12
	1877	1.129	Min V <sub>z</sub>	-4.25	0.01	<b>-0.07</b>	0.00	0.04	0.00	CO 9
	477	0.000	Max M <sub>T</sub>	-8.54	0.00	0.17	<b>0.00</b>	0.00	0.00	CO 1
	1877	1.129	Min M <sub>T</sub>	-46.93	-0.10	1.22	<b>0.00</b>	0.96	0.04	CO 12
	1877	1.129	Max M <sub>y</sub>	-62.26	-0.06	1.16	0.00	<b>1.10</b>	0.02	CO 18
	477	0.000	Min M <sub>y</sub>	-47.06	-0.10	1.42	0.00	<b>-0.54</b>	-0.08	CO 12
	1877	1.129	Max M <sub>z</sub>	-46.93	-0.10	1.22	0.00	0.96	<b>0.04</b>	CO 12
	477	0.000	Min M <sub>z</sub>	-47.06	-0.10	1.42	0.00	-0.54	<b>-0.08</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
2129	1877	0.000	max N	<b>0.71</b>	0.00	0.08	0.00	0.00	0.00	CO 9
			min N	<b>-1.80</b>	0.02	-0.01	-0.01	0.16	0.03	CO 12
			max V <sub>y</sub>	-1.80	<b>0.02</b>	-0.01	-0.01	0.16	0.03	CO 12
			min V <sub>y</sub>	0.71	<b>0.00</b>	0.08	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	0.27	0.00	<b>0.19</b>	0.00	0.10	0.00	CO 17
			min V <sub>z</sub>	-1.51	0.02	<b>-0.09</b>	-0.01	0.08	0.03	CO 8
			max M <sub>T</sub>	0.46	0.00	0.15	<b>0.00</b>	0.08	0.00	CO 13
			min M <sub>T</sub>	-1.80	0.02	-0.01	<b>-0.01</b>	0.16	0.03	CO 12
			max M <sub>y</sub>	-1.80	0.02	-0.01	-0.01	<b>0.16</b>	0.03	CO 12
			min M <sub>y</sub>	0.71	0.00	0.08	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-1.80	0.02	-0.01	-0.01	0.16	<b>0.03</b>	CO 12
			min M <sub>z</sub>	0.62	0.00	0.10	0.00	0.00	<b>0.00</b>	CO 1
	501	1.129	max N	<b>0.58</b>	0.00	-0.10	0.00	-0.01	0.00	CO 9
			min N	<b>-1.93</b>	0.02	-0.19	-0.01	0.05	0.01	CO 12
			max V <sub>y</sub>	-1.93	<b>0.02</b>	-0.19	-0.01	0.05	0.01	CO 12
			min V <sub>y</sub>	0.58	<b>0.00</b>	-0.10	0.00	-0.01	0.00	CO 9
			max V <sub>z</sub>	0.14	0.00	<b>0.02</b>	0.00	0.22	0.00	CO 17
			min V <sub>z</sub>	-1.65	0.02	<b>-0.26</b>	-0.01	-0.12	0.01	CO 8
			max M <sub>T</sub>	0.33	0.00	-0.02	<b>0.00</b>	0.15	0.00	CO 13
			min M <sub>T</sub>	-1.93	0.02	-0.19	<b>-0.01</b>	0.05	0.01	CO 12
			max M <sub>y</sub>	0.14	0.00	0.02	0.00	<b>0.22</b>	0.00	CO 17
			min M <sub>y</sub>	-1.65	0.02	-0.26	-0.01	<b>-0.12</b>	0.01	CO 8
			max M <sub>z</sub>	-1.93	0.02	-0.19	-0.01	0.05	<b>0.01</b>	CO 12
			min M <sub>z</sub>	0.27	0.00	-0.01	0.00	0.16	<b>0.00</b>	CO 16
	1877	0.000	Max N	<b>0.71</b>	0.00	0.08	0.00	0.00	0.00	CO 9
	501	1.129	Min N	<b>-1.93</b>	0.02	-0.19	-0.01	0.05	0.01	CO 12
	501	1.129	Max V <sub>y</sub>	-1.93	<b>0.02</b>	-0.19	-0.01	0.05	0.01	CO 12
	1877	0.000	Min V <sub>y</sub>	0.71	<b>0.00</b>	0.08	0.00	0.00	0.00	CO 9
	1877	0.000	Max V <sub>z</sub>	0.27	0.00	<b>0.19</b>	0.00	0.10	0.00	CO 17
	501	1.129	Min V <sub>z</sub>	-1.65	0.02	<b>-0.26</b>	-0.01	-0.12	0.01	CO 8
		0.903	Max M <sub>T</sub>	0.36	0.00	0.01	<b>0.00</b>	0.15	0.00	CO 13
	1877	0.000	Min M <sub>T</sub>	-1.80	0.02	-0.01	<b>-0.01</b>	0.16	0.03	CO 12
	501	1.129	Max M <sub>y</sub>	0.14	0.00	0.02	0.00	<b>0.22</b>	0.00	CO 17
	501	1.129	Min M <sub>y</sub>	-1.65	0.02	-0.26	-0.01	<b>-0.12</b>	0.01	CO 8
	1877	0.000	Max M <sub>z</sub>	-1.80	0.02	-0.01	-0.01	0.16	<b>0.03</b>	CO 12
	501	1.129	Min M <sub>z</sub>	0.27	0.00	-0.01	0.00	0.16	<b>0.00</b>	CO 16
2130	1841	0.000	max N	<b>-1.79</b>	0.00	7.80	0.00	-3.90	0.00	CO 8
			min N	<b>-1.80</b>	0.00	4.68	0.00	-2.34	0.00	CO 18
			max V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	-1.80	<b>0.00</b>	7.80	0.00	-3.90	0.00	CO 12
			max V <sub>z</sub>	-1.79	0.00	<b>7.80</b>	0.00	-3.90	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
			max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-1.79	0.00	7.80	<b>0.00</b>	-3.90	0.00	CO 8
			max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-1.79	0.00	7.80	0.00	<b>-3.90</b>	0.00	CO 8
			max M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-1.80	0.00	7.80	0.00	-3.90	<b>0.00</b>	CO 12
	1844	1.000	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1844	1.000	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1841	0.000	Min N	<b>-1.80</b>	0.00	4.68	0.00	-2.34	0.00	CO 18
	1844	1.000	Max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
	1841	0.000	Min V <sub>y</sub>	-1.80	<b>0.00</b>	7.80	0.00	-3.90	0.00	CO 12
	1841	0.000	Max V <sub>z</sub>	-1.79	0.00	<b>7.80</b>	0.00	-3.90	0.00	CO 8
	1841	0.000	Min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
	1841	0.000	Max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	1841	0.000	Min M <sub>T</sub>	-1.79	0.00	7.80	<b>0.00</b>	-3.90	0.00	CO 8
	1841	0.000	Max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
	1841	0.000	Min M <sub>y</sub>	-1.79	0.00	7.80	0.00	<b>-3.90</b>	0.00	CO 8
	1844	1.000	Max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1841	0.000	Min M <sub>z</sub>	-1.80	0.00	7.80	0.00	-3.90	<b>0.00</b>	CO 12
2131	501	0.000	max N	<b>2.58</b>	0.02	-0.16	-0.01	0.17	-0.01	CO 8
			min N	<b>0.16</b>	0.00	-0.02	0.00	0.22	0.00	CO 17
			max V <sub>y</sub>	2.58	<b>0.02</b>	-0.16	-0.01	0.17	-0.01	CO 8
			min V <sub>y</sub>	0.28	<b>0.00</b>	0.03	0.00	0.15	0.00	CO 13
			max V <sub>z</sub>	0.50	0.00	<b>0.11</b>	0.00	-0.02	0.00	CO 9
			min V <sub>z</sub>	2.39	0.02	<b>-0.24</b>	-0.01	0.33	-0.01	CO 12
			max M <sub>T</sub>	0.48	0.00	0.08	<b>0.00</b>	0.02	0.00	CO 1
			min M <sub>T</sub>	2.39	0.02	-0.24	<b>-0.01</b>	0.33	-0.01	CO 12
			max M <sub>y</sub>	2.39	0.02	-0.24	-0.01	<b>0.33</b>	-0.01	CO 12
			min M <sub>y</sub>	0.50	0.00	0.11	0.00	<b>-0.02</b>	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	0.28	0.00	0.03	0.00	0.15	<b>0.00</b>	CO 13
			min M <sub>z</sub>	2.39	0.02	-0.24	-0.01	0.33	<b>-0.01</b>	CO 12
	1875	1.129	max N	<b>2.71</b>	0.02	-0.34	-0.01	-0.12	-0.03	CO 8
			min N	<b>0.29</b>	0.00	-0.20	0.00	0.10	0.00	CO 17
			max V <sub>y</sub>	2.71	<b>0.02</b>	-0.34	-0.01	-0.12	-0.03	CO 8
			min V <sub>y</sub>	0.40	<b>0.00</b>	-0.15	0.00	0.08	0.00	CO 13
			max V <sub>z</sub>	0.63	0.00	<b>-0.07</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	2.52	0.02	<b>-0.42</b>	-0.01	-0.04	-0.03	CO 12
			max M <sub>T</sub>	0.61	0.00	-0.10	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	2.52	0.02	-0.42	<b>-0.01</b>	-0.04	-0.03	CO 12
			max M <sub>y</sub>	0.31	0.00	-0.18	0.00	<b>0.10</b>	0.00	CO 19
			min M <sub>y</sub>	2.71	0.02	-0.34	-0.01	<b>-0.12</b>	-0.03	CO 8
			max M <sub>z</sub>	0.40	0.00	-0.15	0.00	0.08	<b>0.00</b>	CO 13
			min M <sub>z</sub>	2.66	0.02	-0.37	-0.01	-0.09	<b>-0.03</b>	CO 10
	1875	1.129	Max N	<b>2.71</b>	0.02	-0.34	-0.01	-0.12	-0.03	CO 8
	501	0.000	Min N	<b>0.16</b>	0.00	-0.02	0.00	0.22	0.00	CO 17
	1875	1.129	Max V <sub>y</sub>	2.71	<b>0.02</b>	-0.34	-0.01	-0.12	-0.03	CO 8
	501	0.000	Min V <sub>y</sub>	0.28	<b>0.00</b>	0.03	0.00	0.15	0.00	CO 13
	501	0.000	Max V <sub>z</sub>	0.50	0.00	<b>0.11</b>	0.00	-0.02	0.00	CO 9
	1875	1.129	Min V <sub>z</sub>	2.52	0.02	<b>-0.42</b>	-0.01	-0.04	-0.03	CO 12
	1875	1.129	Max M <sub>T</sub>	0.61	0.00	-0.10	<b>0.00</b>	0.00	0.00	CO 1
	501	0.000	Min M <sub>T</sub>	2.39	0.02	-0.24	<b>-0.01</b>	0.33	-0.01	CO 12
	501	0.000	Max M <sub>y</sub>	2.39	0.02	-0.24	-0.01	<b>0.33</b>	-0.01	CO 12
	1875	1.129	Min M <sub>y</sub>	2.71	0.02	-0.34	-0.01	<b>-0.12</b>	-0.03	CO 8
	1875	1.129	Max M <sub>z</sub>	0.40	0.00	-0.15	0.00	0.08	<b>0.00</b>	CO 13
	1875	1.129	Min M <sub>z</sub>	2.66	0.02	-0.37	-0.01	-0.09	<b>-0.03</b>	CO 10
2132	1875	0.000	max N	<b>-4.11</b>	0.00	0.04	0.00	0.04	0.00	CO 9
			min N	<b>-66.96</b>	0.00	-0.81	0.00	1.01	0.00	CO 17
			max V <sub>y</sub>	-50.44	<b>0.00</b>	-0.61	0.00	0.77	0.00	CO 13
			min V <sub>y</sub>	-25.61	<b>-0.10</b>	0.52	0.00	0.07	-0.04	CO 10
			max V <sub>z</sub>	-7.77	-0.10	<b>0.77</b>	0.00	-0.21	-0.04	CO 8
			min V <sub>z</sub>	-66.96	0.00	<b>-0.81</b>	0.00	1.01	0.00	CO 17
			max M <sub>T</sub>	-50.44	0.00	-0.61	<b>0.00</b>	0.77	0.00	CO 13
			min M <sub>T</sub>	-36.29	-0.10	0.37	<b>0.00</b>	0.24	-0.04	CO 14
			max M <sub>y</sub>	-66.96	0.00	-0.81	0.00	<b>1.01</b>	0.00	CO 17
			min M <sub>y</sub>	-7.77	-0.10	0.77	0.00	<b>-0.21</b>	-0.04	CO 8
			max M <sub>z</sub>	-50.44	0.00	-0.61	0.00	0.77	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-7.77	-0.10	0.77	0.00	-0.21	<b>-0.04</b>	CO 8
	495	1.129	max N	<b>-4.25</b>	0.00	-0.13	0.00	-0.01	0.00	CO 9
			min N	<b>-67.10</b>	0.00	-1.05	0.00	-0.06	0.00	CO 17
			max V <sub>y</sub>	-50.57	<b>0.00</b>	-0.83	0.00	-0.06	0.00	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-7.90	<b>-0.10</b>	0.59	0.00	0.57	0.07	CO 8
			max V <sub>z</sub>	-7.90	-0.10	<b>0.59</b>	0.00	0.57	0.07	CO 8
			min V <sub>z</sub>	-67.10	0.00	<b>-1.05</b>	0.00	-0.06	0.00	CO 17
			max M <sub>T</sub>	-50.57	0.00	-0.83	<b>0.00</b>	-0.06	0.00	CO 13
			min M <sub>T</sub>	-7.90	-0.10	0.59	<b>0.00</b>	0.57	0.07	CO 8
			max M <sub>y</sub>	-7.90	-0.10	0.59	0.00	<b>0.57</b>	0.07	CO 8
			min M <sub>y</sub>	-64.51	0.00	-1.03	0.00	<b>-0.06</b>	0.00	CO 19
			max M <sub>z</sub>	-54.28	-0.10	-0.11	0.00	0.52	<b>0.07</b>	CO 12
			min M <sub>z</sub>	-64.51	0.00	-1.03	0.00	-0.06	<b>0.00</b>	CO 19
	1875	0.000	Max N	<b>-4.11</b>	0.00	0.04	0.00	0.04	0.00	CO 9
	495	1.129	Min N	<b>-67.10</b>	0.00	-1.05	0.00	-0.06	0.00	CO 17
	495	1.129	Max V <sub>y</sub>	-50.57	<b>0.00</b>	-0.83	0.00	-0.06	0.00	CO 13
		0.452	Min V <sub>y</sub>	-25.66	<b>-0.10</b>	0.44	0.00	0.29	0.01	CO 10
	1875	0.000	Max V <sub>z</sub>	-7.77	-0.10	<b>0.77</b>	0.00	-0.21	-0.04	CO 8
	495	1.129	Min V <sub>z</sub>	-67.10	0.00	<b>-1.05</b>	0.00	-0.06	0.00	CO 17
	1875	0.000	Max M <sub>T</sub>	-50.44	0.00	-0.61	<b>0.00</b>	0.77	0.00	CO 13
	495	1.129	Min M <sub>T</sub>	-7.90	-0.10	0.59	<b>0.00</b>	0.57	0.07	CO 8
	1875	0.000	Max M <sub>y</sub>	-66.96	0.00	-0.81	0.00	<b>1.01</b>	0.00	CO 17
	1875	0.000	Min M <sub>y</sub>	-7.77	-0.10	0.77	0.00	<b>-0.21</b>	-0.04	CO 8
	495	1.129	Max M <sub>z</sub>	-54.28	-0.10	-0.11	0.00	0.52	<b>0.07</b>	CO 12
	1875	0.000	Min M <sub>z</sub>	-7.77	-0.10	0.77	0.00	-0.21	<b>-0.04</b>	CO 8
2133	495	0.000	max N	<b>65.88</b>	0.00	-2.17	0.00	0.62	0.00	CO 17
			min N	<b>1.32</b>	-0.11	-4.04	-0.10	1.12	0.01	CO 8
			max V <sub>y</sub>	49.91	<b>0.01</b>	-1.56	0.00	0.43	0.00	CO 13
			min V <sub>y</sub>	18.68	<b>-0.11</b>	-4.66	-0.11	1.30	0.01	CO 10
			max V <sub>z</sub>	4.75	0.00	<b>-0.01</b>	0.00	-0.01	0.00	CO 9
			min V <sub>z</sub>	46.45	-0.11	<b>-5.63</b>	-0.11	1.58	0.01	CO 12
			max M <sub>T</sub>	48.53	0.00	-1.57	<b>0.00</b>	0.45	0.00	CO 16
			min M <sub>T</sub>	46.45	-0.11	-5.63	<b>-0.11</b>	1.58	0.01	CO 12
			max M <sub>y</sub>	46.45	-0.11	-5.63	-0.11	<b>1.58</b>	0.01	CO 12
			min M <sub>y</sub>	4.75	0.00	-0.01	0.00	<b>-0.01</b>	0.00	CO 9
			max M <sub>z</sub>	46.45	-0.11	-5.63	-0.11	1.58	<b>0.01</b>	CO 12
			min M <sub>z</sub>	8.82	0.00	-0.22	0.00	0.06	<b>0.00</b>	CO 1
	1846	1.129	max N	<b>66.00</b>	0.00	-2.44	0.00	-1.95	0.00	CO 17
			min N	<b>1.44</b>	-0.11	-4.22	-0.10	-3.54	0.13	CO 8
			max V <sub>y</sub>	50.03	<b>0.01</b>	-1.79	0.00	-1.44	0.00	CO 13
			min V <sub>y</sub>	46.56	<b>-0.11</b>	-5.96	-0.10	-4.90	0.14	CO 12
			max V <sub>z</sub>	4.88	0.00	<b>-0.19</b>	0.00	-0.12	0.00	CO 9
			min V <sub>z</sub>	46.56	-0.11	<b>-5.96</b>	-0.10	-4.90	0.14	CO 12
			max M <sub>T</sub>	63.56	0.00	-2.31	<b>0.00</b>	-1.85	0.00	CO 19
			min M <sub>T</sub>	46.56	-0.11	-5.96	<b>-0.10</b>	-4.90	0.14	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	4.88	0.00	-0.19	0.00	<b>-0.12</b>	0.00	CO 9
			min M <sub>y</sub>	46.56	-0.11	-5.96	-0.10	<b>-4.90</b>	0.14	CO 12
			max M <sub>z</sub>	46.56	-0.11	-5.96	-0.10	-4.90	<b>0.14</b>	CO 12
			min M <sub>z</sub>	63.56	0.00	-2.31	0.00	-1.85	<b>0.00</b>	CO 19
	1846	1.129	Max N	<b>66.00</b>	0.00	-2.44	0.00	-1.95	0.00	CO 17
	495	0.000	Min N	<b>1.32</b>	-0.11	-4.04	-0.10	1.12	0.01	CO 8
	495	0.000	Max V <sub>y</sub>	49.91	<b>0.01</b>	-1.56	0.00	0.43	0.00	CO 13
	1846	1.129	Min V <sub>y</sub>	46.56	<b>-0.11</b>	-5.96	-0.10	-4.90	0.14	CO 12
	495	0.000	Max V <sub>z</sub>	4.75	0.00	<b>-0.01</b>	0.00	-0.01	0.00	CO 9
	1846	1.129	Min V <sub>z</sub>	46.56	-0.11	<b>-5.96</b>	-0.10	-4.90	0.14	CO 12
	1846	1.129	Max M <sub>T</sub>	63.56	0.00	-2.31	<b>0.00</b>	-1.85	0.00	CO 19
	495	0.000	Min M <sub>T</sub>	46.45	-0.11	-5.63	<b>-0.11</b>	1.58	0.01	CO 12
	495	0.000	Max M <sub>y</sub>	46.45	-0.11	-5.63	-0.11	<b>1.58</b>	0.01	CO 12
	1846	1.129	Min M <sub>y</sub>	46.56	-0.11	-5.96	-0.10	<b>-4.90</b>	0.14	CO 12
	1846	1.129	Max M <sub>z</sub>	46.56	-0.11	-5.96	-0.10	-4.90	<b>0.14</b>	CO 12
	1846	1.129	Min M <sub>z</sub>	63.56	0.00	-2.31	0.00	-1.85	<b>0.00</b>	CO 19
2134	1852	0.000	max N	<b>79.78</b>	0.00	1.47	-0.01	-1.00	0.00	CO 17
			min N	<b>-1.24</b>	0.03	-2.03	0.03	1.85	0.03	CO 8
			max V <sub>y</sub>	19.29	<b>0.03</b>	-2.01	0.03	1.85	0.03	CO 10
			min V <sub>y</sub>	63.12	<b>-0.02</b>	-0.23	-0.02	0.33	-0.01	CO 13
			max V <sub>z</sub>	79.78	0.00	<b>1.47</b>	-0.01	-1.00	0.00	CO 17
			min V <sub>z</sub>	-1.24	0.03	<b>-2.03</b>	0.03	1.85	0.03	CO 8
			max M <sub>T</sub>	-1.24	0.03	-2.03	<b>0.03</b>	1.85	0.03	CO 8
			min M <sub>T</sub>	63.12	-0.02	-0.23	<b>-0.02</b>	0.33	-0.01	CO 13
			max M <sub>y</sub>	19.29	0.03	-2.01	0.03	<b>1.85</b>	0.03	CO 10
			min M <sub>y</sub>	79.78	0.00	1.47	-0.01	<b>-1.00</b>	0.00	CO 17
			max M <sub>z</sub>	-1.24	0.03	-2.03	0.03	1.85	<b>0.03</b>	CO 8
			min M <sub>z</sub>	63.12	-0.02	-0.23	-0.02	0.33	<b>-0.01</b>	CO 13
	549	1.129	max N	<b>79.64</b>	0.00	1.26	-0.01	0.51	0.00	CO 17
			min N	<b>-1.37</b>	0.03	-2.21	0.03	-0.54	0.00	CO 8
			max V <sub>y</sub>	-1.37	<b>0.03</b>	-2.21	0.03	-0.54	0.00	CO 8
			min V <sub>y</sub>	62.98	<b>-0.02</b>	-0.38	-0.02	-0.01	0.01	CO 13
			max V <sub>z</sub>	79.64	0.00	<b>1.26</b>	-0.01	0.51	0.00	CO 17
			min V <sub>z</sub>	-1.37	0.03	<b>-2.21</b>	0.03	-0.54	0.00	CO 8
			max M <sub>T</sub>	-1.37	0.03	-2.21	<b>0.03</b>	-0.54	0.00	CO 8
			min M <sub>T</sub>	62.98	-0.02	-0.38	<b>-0.02</b>	-0.01	0.01	CO 13
			max M <sub>y</sub>	79.64	0.00	1.26	-0.01	<b>0.51</b>	0.00	CO 17
			min M <sub>y</sub>	-1.37	0.03	-2.21	0.03	<b>-0.54</b>	0.00	CO 8
			max M <sub>z</sub>	62.98	-0.02	-0.38	-0.02	-0.01	<b>0.01</b>	CO 13
			min M <sub>z</sub>	79.64	0.00	1.26	-0.01	0.51	<b>0.00</b>	CO 17
	1852	0.000	Max N	<b>79.78</b>	0.00	1.47	-0.01	-1.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	549	1.129	Min N	<b>-1.37</b>	0.03	-2.21	0.03	-0.54	0.00	CO 8
	1852	0.000	Max V <sub>y</sub>	19.29	<b>0.03</b>	-2.01	0.03	1.85	0.03	CO 10
	1852	0.000	Min V <sub>y</sub>	63.12	<b>-0.02</b>	-0.23	-0.02	0.33	-0.01	CO 13
	1852	0.000	Max V <sub>z</sub>	79.78	0.00	<b>1.47</b>	-0.01	-1.00	0.00	CO 17
	549	1.129	Min V <sub>z</sub>	-1.37	0.03	<b>-2.21</b>	0.03	-0.54	0.00	CO 8
	1852	0.000	Max M <sub>T</sub>	-1.24	0.03	-2.03	<b>0.03</b>	1.85	0.03	CO 8
	1852	0.000	Min M <sub>T</sub>	63.12	-0.02	-0.23	<b>-0.02</b>	0.33	-0.01	CO 13
	1852	0.000	Max M <sub>y</sub>	19.29	0.03	-2.01	0.03	<b>1.85</b>	0.03	CO 10
	1852	0.000	Min M <sub>y</sub>	79.78	0.00	1.47	-0.01	<b>-1.00</b>	0.00	CO 17
	1852	0.000	Max M <sub>z</sub>	-1.24	0.03	-2.03	0.03	1.85	<b>0.03</b>	CO 8
	1852	0.000	Min M <sub>z</sub>	63.12	-0.02	-0.23	-0.02	0.33	<b>-0.01</b>	CO 13
2135	549	0.000	max N	<b>5.21</b>	-0.01	0.10	0.00	-0.17	0.01	CO 8
			min N	<b>-79.47</b>	0.01	0.81	0.00	-0.02	0.00	CO 17
			max V <sub>y</sub>	-79.47	<b>0.01</b>	0.81	0.00	-0.02	0.00	CO 17
			min V <sub>y</sub>	-7.32	<b>-0.01</b>	0.28	0.00	-0.17	-0.01	CO 9
			max V <sub>z</sub>	-76.51	0.00	<b>0.91</b>	0.00	-0.12	-0.01	CO 19
			min V <sub>z</sub>	5.21	-0.01	<b>0.10</b>	0.00	-0.17	0.01	CO 8
			max M <sub>T</sub>	-47.85	0.00	0.65	<b>0.00</b>	-0.20	0.01	CO 12
			min M <sub>T</sub>	-60.38	-0.01	0.84	<b>0.00</b>	-0.20	-0.01	CO 13
			max M <sub>y</sub>	-59.37	0.00	0.53	0.00	<b>0.04</b>	0.00	CO 16
			min M <sub>y</sub>	-14.84	0.00	0.36	0.00	<b>-0.22</b>	0.01	CO 10
			max M <sub>z</sub>	-47.85	0.00	0.65	0.00	-0.20	<b>0.01</b>	CO 12
			min M <sub>z</sub>	-60.38	-0.01	0.84	0.00	-0.20	<b>-0.01</b>	CO 13
	1879	1.129	max N	<b>5.33</b>	-0.01	-0.09	0.00	-0.16	0.02	CO 8
			min N	<b>-79.34</b>	0.00	0.57	0.00	0.77	-0.01	CO 17
			max V <sub>y</sub>	-79.34	<b>0.00</b>	0.57	0.00	0.77	-0.01	CO 17
			min V <sub>y</sub>	-60.26	<b>-0.01</b>	0.63	0.00	0.64	0.00	CO 13
			max V <sub>z</sub>	-76.39	0.00	<b>0.67</b>	0.00	0.78	0.00	CO 19
			min V <sub>z</sub>	5.33	-0.01	<b>-0.09</b>	0.00	-0.16	0.02	CO 8
			max M <sub>T</sub>	-47.72	0.00	0.46	<b>0.00</b>	0.43	0.01	CO 12
			min M <sub>T</sub>	-60.26	-0.01	0.63	<b>0.00</b>	0.64	0.00	CO 13
			max M <sub>y</sub>	-76.39	0.00	0.67	0.00	<b>0.78</b>	0.00	CO 19
			min M <sub>y</sub>	5.33	-0.01	-0.09	0.00	<b>-0.16</b>	0.02	CO 8
			max M <sub>z</sub>	5.33	-0.01	-0.09	0.00	-0.16	<b>0.02</b>	CO 8
			min M <sub>z</sub>	-79.34	0.00	0.57	0.00	0.77	<b>-0.01</b>	CO 17
	1879	1.129	Max N	<b>5.33</b>	-0.01	-0.09	0.00	-0.16	0.02	CO 8
	549	0.000	Min N	<b>-79.47</b>	0.01	0.81	0.00	-0.02	0.00	CO 17
	549	0.000	Max V <sub>y</sub>	-79.47	<b>0.01</b>	0.81	0.00	-0.02	0.00	CO 17
	1879	1.129	Min V <sub>y</sub>	-60.26	<b>-0.01</b>	0.63	0.00	0.64	0.00	CO 13
	549	0.000	Max V <sub>z</sub>	-76.51	0.00	<b>0.91</b>	0.00	-0.12	-0.01	CO 19
	1879	1.129	Min V <sub>z</sub>	5.33	-0.01	<b>-0.09</b>	0.00	-0.16	0.02	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1879	1.129	Max M <sub>T</sub>	-47.72	0.00	0.46	<b>0.00</b>	0.43	0.01	CO 12
	1879	1.129	Min M <sub>T</sub>	-60.26	-0.01	0.63	<b>0.00</b>	0.64	0.00	CO 13
	1879	1.129	Max M <sub>y</sub>	-76.39	0.00	0.67	0.00	<b>0.78</b>	0.00	CO 19
	549	0.000	Min M <sub>y</sub>	-14.84	0.00	0.36	0.00	<b>-0.22</b>	0.01	CO 10
	1879	1.129	Max M <sub>z</sub>	5.33	-0.01	-0.09	0.00	-0.16	<b>0.02</b>	CO 8
	549	0.000	Min M <sub>z</sub>	-60.38	-0.01	0.84	0.00	-0.20	<b>-0.01</b>	CO 13
2136	1879	0.000	max N	<b>0.62</b>	0.00	-0.08	0.00	0.16	0.00	CO 1
			min N	<b>-0.98</b>	0.03	-0.46	0.00	0.57	-0.01	CO 12
			max V <sub>y</sub>	-0.42	<b>0.04</b>	-0.23	0.00	0.21	0.00	CO 8
			min V <sub>y</sub>	-0.10	<b>-0.01</b>	-0.37	0.00	0.62	0.00	CO 17
			max V <sub>z</sub>	0.62	0.00	<b>-0.08</b>	0.00	0.16	0.00	CO 1
			min V <sub>z</sub>	-0.98	0.03	<b>-0.46</b>	0.00	0.57	-0.01	CO 12
			max M <sub>T</sub>	-0.42	0.04	-0.23	<b>0.00</b>	0.21	0.00	CO 8
			min M <sub>T</sub>	-0.10	-0.01	-0.37	<b>0.00</b>	0.62	0.00	CO 17
			max M <sub>y</sub>	-0.71	0.01	-0.45	0.00	<b>0.65</b>	-0.01	CO 18
			min M <sub>y</sub>	0.62	0.00	-0.08	0.00	<b>0.16</b>	0.00	CO 1
			max M <sub>z</sub>	-0.15	0.00	-0.42	0.00	0.56	<b>0.02</b>	CO 13
			min M <sub>z</sub>	-0.98	0.03	-0.46	0.00	0.57	<b>-0.01</b>	CO 12
	1507	1.129	max N	<b>0.48</b>	0.00	-0.25	0.00	-0.03	0.00	CO 1
			min N	<b>-1.11</b>	0.03	-0.63	0.00	-0.04	-0.05	CO 12
			max V <sub>y</sub>	-0.55	<b>0.04</b>	-0.40	0.00	-0.15	-0.05	CO 8
			min V <sub>y</sub>	-0.23	<b>-0.01</b>	-0.54	0.00	0.11	0.01	CO 17
			max V <sub>z</sub>	0.48	0.00	<b>-0.25</b>	0.00	-0.03	0.00	CO 1
			min V <sub>z</sub>	-1.11	0.03	<b>-0.63</b>	0.00	-0.04	-0.05	CO 12
			max M <sub>T</sub>	-0.55	0.04	-0.40	<b>0.00</b>	-0.15	-0.05	CO 8
			min M <sub>T</sub>	-0.23	-0.01	-0.54	<b>0.00</b>	0.11	0.01	CO 17
			max M <sub>y</sub>	-0.23	-0.01	-0.54	0.00	<b>0.11</b>	0.01	CO 17
			min M <sub>y</sub>	-0.55	0.04	-0.40	0.00	<b>-0.15</b>	-0.05	CO 8
			max M <sub>z</sub>	-0.28	0.00	-0.59	0.00	0.00	<b>0.02</b>	CO 13
			min M <sub>z</sub>	-0.55	0.04	-0.40	0.00	-0.15	<b>-0.05</b>	CO 8
	1879	0.000	Max N	<b>0.62</b>	0.00	-0.08	0.00	0.16	0.00	CO 1
	1507	1.129	Min N	<b>-1.11</b>	0.03	-0.63	0.00	-0.04	-0.05	CO 12
	1879	0.000	Max V <sub>y</sub>	-0.42	<b>0.04</b>	-0.23	0.00	0.21	0.00	CO 8
	1879	0.000	Min V <sub>y</sub>	-0.10	<b>-0.01</b>	-0.37	0.00	0.62	0.00	CO 17
	1879	0.000	Max V <sub>z</sub>	0.62	0.00	<b>-0.08</b>	0.00	0.16	0.00	CO 1
	1507	1.129	Min V <sub>z</sub>	-1.11	0.03	<b>-0.63</b>	0.00	-0.04	-0.05	CO 12
	1879	0.000	Max M <sub>T</sub>	-0.42	0.04	-0.23	<b>0.00</b>	0.21	0.00	CO 8
	1879	0.000	Min M <sub>T</sub>	-0.10	-0.01	-0.37	<b>0.00</b>	0.62	0.00	CO 17
	1879	0.000	Max M <sub>y</sub>	-0.71	0.01	-0.45	0.00	<b>0.65</b>	-0.01	CO 18
	1507	1.129	Min M <sub>y</sub>	-0.55	0.04	-0.40	0.00	<b>-0.15</b>	-0.05	CO 8
	1507	1.129	Max M <sub>z</sub>	-0.28	0.00	-0.59	0.00	0.00	<b>0.02</b>	CO 13



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1507	1.129	Min M <sub>z</sub>	-0.55	0.04	-0.40	0.00	-0.15	<b>-0.05</b>	CO 8
2137	1507	0.000	max N	<b>2.61</b>	0.06	0.17	0.03	0.25	0.02	CO 12
			min N	<b>0.76</b>	0.00	0.23	0.00	-0.01	0.00	CO 1
			max V <sub>y</sub>	2.17	<b>0.07</b>	0.03	0.03	0.08	0.02	CO 8
			min V <sub>y</sub>	1.29	<b>-0.03</b>	0.45	-0.01	0.17	-0.01	CO 19
			max V <sub>z</sub>	1.29	-0.03	<b>0.45</b>	-0.01	0.17	-0.01	CO 19
			min V <sub>z</sub>	2.17	0.07	<b>0.03</b>	0.03	0.08	0.02	CO 8
			max M <sub>T</sub>	2.17	0.07	0.03	<b>0.03</b>	0.08	0.02	CO 8
			min M <sub>T</sub>	1.33	-0.02	0.43	<b>-0.01</b>	0.10	-0.01	CO 13
			max M <sub>y</sub>	2.06	0.03	0.29	0.01	<b>0.26</b>	0.01	CO 18
			min M <sub>y</sub>	0.96	-0.01	0.30	-0.01	<b>-0.07</b>	0.00	CO 9
			max M <sub>z</sub>	2.17	0.07	0.03	0.03	0.08	<b>0.02</b>	CO 8
			min M <sub>z</sub>	1.29	-0.03	0.45	-0.01	0.17	<b>-0.01</b>	CO 19
	1878	1.129	max N	<b>2.73</b>	0.06	-0.01	0.03	0.34	-0.05	CO 12
			min N	<b>0.88</b>	0.00	0.05	0.00	0.15	0.00	CO 1
			max V <sub>y</sub>	2.30	<b>0.07</b>	-0.15	0.03	0.02	-0.06	CO 8
			min V <sub>y</sub>	1.41	<b>-0.03</b>	0.27	-0.01	0.57	0.02	CO 19
			max V <sub>z</sub>	1.41	-0.03	<b>0.27</b>	-0.01	0.57	0.02	CO 19
			min V <sub>z</sub>	2.30	0.07	<b>-0.15</b>	0.03	0.02	-0.06	CO 8
			max M <sub>T</sub>	2.30	0.07	-0.15	<b>0.03</b>	0.02	-0.06	CO 8
			min M <sub>T</sub>	1.46	-0.02	0.25	<b>-0.01</b>	0.49	0.02	CO 13
			max M <sub>y</sub>	1.41	-0.03	0.27	-0.01	<b>0.57</b>	0.02	CO 19
			min M <sub>y</sub>	2.30	0.07	-0.15	0.03	<b>0.02</b>	-0.06	CO 8
			max M <sub>z</sub>	1.41	-0.03	0.27	-0.01	0.57	<b>0.02</b>	CO 19
			min M <sub>z</sub>	2.30	0.07	-0.15	0.03	0.02	<b>-0.06</b>	CO 8
	1878	1.129	Max N	<b>2.73</b>	0.06	-0.01	0.03	0.34	-0.05	CO 12
	1507	0.000	Min N	<b>0.76</b>	0.00	0.23	0.00	-0.01	0.00	CO 1
	1878	1.129	Max V <sub>y</sub>	2.30	<b>0.07</b>	-0.15	0.03	0.02	-0.06	CO 8
	1507	0.000	Min V <sub>y</sub>	1.29	<b>-0.03</b>	0.45	-0.01	0.17	-0.01	CO 19
	1507	0.000	Max V <sub>z</sub>	1.29	-0.03	<b>0.45</b>	-0.01	0.17	-0.01	CO 19
	1878	1.129	Min V <sub>z</sub>	2.30	0.07	<b>-0.15</b>	0.03	0.02	-0.06	CO 8
		0.226	Max M <sub>T</sub>	2.20	0.07	-0.01	<b>0.03</b>	0.09	0.01	CO 8
	1878	1.129	Min M <sub>T</sub>	1.46	-0.02	0.25	<b>-0.01</b>	0.49	0.02	CO 13
	1878	1.129	Max M <sub>y</sub>	1.41	-0.03	0.27	-0.01	<b>0.57</b>	0.02	CO 19
	1507	0.000	Min M <sub>y</sub>	0.96	-0.01	0.30	-0.01	<b>-0.07</b>	0.00	CO 9
	1507	0.000	Max M <sub>z</sub>	2.17	0.07	0.03	0.03	0.08	<b>0.02</b>	CO 8
	1878	1.129	Min M <sub>z</sub>	2.30	0.07	-0.15	0.03	0.02	<b>-0.06</b>	CO 8
2138	1878	0.000	max N	<b>-0.64</b>	0.04	1.08	-0.02	-0.47	0.00	CO 8
			min N	<b>-81.63</b>	0.01	-0.14	0.00	0.63	0.01	CO 17
			max V <sub>y</sub>	-55.29	<b>0.04</b>	0.83	-0.01	0.03	0.00	CO 12
			min V <sub>y</sub>	-8.34	<b>-0.01</b>	0.12	0.00	-0.03	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-0.64	0.04	<b>1.08</b>	-0.02	-0.47	0.00	CO 8
			min V <sub>z</sub>	-79.09	0.01	<b>-0.17</b>	0.01	0.61	0.02	CO 19
			max M <sub>T</sub>	-62.93	0.01	-0.13	<b>0.01</b>	0.47	0.02	CO 13
			min M <sub>T</sub>	-0.64	0.04	1.08	<b>-0.02</b>	-0.47	0.00	CO 8
			max M <sub>y</sub>	-81.63	0.01	-0.14	0.00	<b>0.63</b>	0.01	CO 17
			min M <sub>y</sub>	-0.64	0.04	1.08	-0.02	<b>-0.47</b>	0.00	CO 8
			max M <sub>z</sub>	-79.09	0.01	-0.17	0.01	0.61	<b>0.02</b>	CO 19
			min M <sub>z</sub>	-0.64	0.04	1.08	-0.02	-0.47	<b>0.00</b>	CO 8
	562	1.129	max N	<b>-0.77</b>	0.04	0.90	-0.02	0.65	-0.04	CO 8
			min N	<b>-81.76</b>	0.01	-0.39	0.00	0.32	0.00	CO 17
			max V <sub>y</sub>	-55.43	<b>0.04</b>	0.60	-0.01	0.84	-0.04	CO 12
			min V <sub>y</sub>	-8.47	<b>-0.01</b>	-0.06	0.00	0.01	0.01	CO 9
			max V <sub>z</sub>	-0.77	0.04	<b>0.90</b>	-0.02	0.65	-0.04	CO 8
			min V <sub>z</sub>	-79.22	0.01	<b>-0.41</b>	0.01	0.28	0.00	CO 19
			max M <sub>T</sub>	-63.07	0.01	-0.35	<b>0.01</b>	0.20	0.01	CO 13
			min M <sub>T</sub>	-0.77	0.04	0.90	<b>-0.02</b>	0.65	-0.04	CO 8
			max M <sub>y</sub>	-55.43	0.04	0.60	-0.01	<b>0.84</b>	-0.04	CO 12
			min M <sub>y</sub>	-8.47	-0.01	-0.06	0.00	<b>0.01</b>	0.01	CO 9
			max M <sub>z</sub>	-8.47	-0.01	-0.06	0.00	0.01	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-0.77	0.04	0.90	-0.02	0.65	<b>-0.04</b>	CO 8
	1878	0.000	Max N	<b>-0.64</b>	0.04	1.08	-0.02	-0.47	0.00	CO 8
	562	1.129	Min N	<b>-81.76</b>	0.01	-0.39	0.00	0.32	0.00	CO 17
	1878	0.000	Max V <sub>y</sub>	-55.29	<b>0.04</b>	0.83	-0.01	0.03	0.00	CO 12
	1878	0.000	Min V <sub>y</sub>	-8.34	<b>-0.01</b>	0.12	0.00	-0.03	0.00	CO 9
	1878	0.000	Max V <sub>z</sub>	-0.64	0.04	<b>1.08</b>	-0.02	-0.47	0.00	CO 8
	562	1.129	Min V <sub>z</sub>	-79.22	0.01	<b>-0.41</b>	0.01	0.28	0.00	CO 19
	1878	0.000	Max M <sub>T</sub>	-62.93	0.01	-0.13	<b>0.01</b>	0.47	0.02	CO 13
	1878	0.000	Min M <sub>T</sub>	-0.64	0.04	1.08	<b>-0.02</b>	-0.47	0.00	CO 8
	562	1.129	Max M <sub>y</sub>	-55.43	0.04	0.60	-0.01	<b>0.84</b>	-0.04	CO 12
	1878	0.000	Min M <sub>y</sub>	-0.64	0.04	1.08	-0.02	<b>-0.47</b>	0.00	CO 8
	1878	0.000	Max M <sub>z</sub>	-79.09	0.01	-0.17	0.01	0.61	<b>0.02</b>	CO 19
	562	1.129	Min M <sub>z</sub>	-0.77	0.04	0.90	-0.02	0.65	<b>-0.04</b>	CO 8
2139	562	0.000	max N	<b>77.56</b>	0.01	-3.74	-0.01	1.20	0.01	CO 17
			min N	<b>-6.06</b>	0.04	-3.91	0.10	1.13	-0.10	CO 8
			max V <sub>y</sub>	45.45	<b>0.05</b>	-6.52	0.10	1.96	-0.09	CO 12
			min V <sub>y</sub>	9.05	<b>0.00</b>	0.03	-0.02	-0.02	0.01	CO 9
			max V <sub>z</sub>	9.05	0.00	<b>0.03</b>	-0.02	-0.02	0.01	CO 9
			min V <sub>z</sub>	45.45	0.05	<b>-6.52</b>	0.10	1.96	-0.09	CO 12
			max M <sub>T</sub>	-6.06	0.04	-3.91	<b>0.10</b>	1.13	-0.10	CO 8
			min M <sub>T</sub>	60.55	0.01	-2.53	<b>-0.03</b>	0.79	0.02	CO 13
			max M <sub>y</sub>	45.45	0.05	-6.52	0.10	<b>1.96</b>	-0.09	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	9.05	0.00	0.03	-0.02	<b>-0.02</b>	0.01	CO 9
			max M <sub>z</sub>	60.55	0.01	-2.53	-0.03	0.79	<b>0.02</b>	CO 13
			min M <sub>z</sub>	-6.06	0.04	-3.91	0.10	1.13	<b>-0.10</b>	CO 8
	1851	1.129	max N	<b>77.67</b>	0.01	-4.07	-0.01	-3.14	0.00	CO 17
			min N	<b>-5.94</b>	0.04	-4.08	0.10	-3.38	-0.14	CO 8
			max V <sub>y</sub>	45.55	<b>0.06</b>	-6.86	0.10	-5.52	-0.15	CO 12
			min V <sub>y</sub>	9.17	<b>0.00</b>	-0.15	-0.02	-0.09	0.01	CO 9
			max V <sub>z</sub>	9.17	0.00	<b>-0.15</b>	-0.02	-0.09	0.01	CO 9
			min V <sub>z</sub>	45.55	0.06	<b>-6.86</b>	0.10	-5.52	-0.15	CO 12
			max M <sub>T</sub>	-5.94	0.04	-4.08	<b>0.10</b>	-3.38	-0.14	CO 8
			min M <sub>T</sub>	60.67	0.01	-2.79	<b>-0.02</b>	-2.18	0.01	CO 13
			max M <sub>y</sub>	9.17	0.00	-0.15	-0.02	<b>-0.09</b>	0.01	CO 9
			min M <sub>y</sub>	45.55	0.06	-6.86	0.10	<b>-5.52</b>	-0.15	CO 12
			max M <sub>z</sub>	9.17	0.00	-0.15	-0.02	-0.09	<b>0.01</b>	CO 9
			min M <sub>z</sub>	45.55	0.06	-6.86	0.10	-5.52	<b>-0.15</b>	CO 12
	1851	1.129	Max N	<b>77.67</b>	0.01	-4.07	-0.01	-3.14	0.00	CO 17
	562	0.000	Min N	<b>-6.06</b>	0.04	-3.91	0.10	1.13	-0.10	CO 8
	1851	1.129	Max V <sub>y</sub>	45.55	<b>0.06</b>	-6.86	0.10	-5.52	-0.15	CO 12
	1851	1.129	Min V <sub>y</sub>	9.17	<b>0.00</b>	-0.15	-0.02	-0.09	0.01	CO 9
	562	0.000	Max V <sub>z</sub>	9.05	0.00	<b>0.03</b>	-0.02	-0.02	0.01	CO 9
	1851	1.129	Min V <sub>z</sub>	45.55	0.06	<b>-6.86</b>	0.10	-5.52	-0.15	CO 12
	562	0.000	Max M <sub>T</sub>	-6.06	0.04	-3.91	<b>0.10</b>	1.13	-0.10	CO 8
	562	0.000	Min M <sub>T</sub>	60.55	0.01	-2.53	<b>-0.03</b>	0.79	0.02	CO 13
	562	0.000	Max M <sub>y</sub>	45.45	0.05	-6.52	0.10	<b>1.96</b>	-0.09	CO 12
	1851	1.129	Min M <sub>y</sub>	45.55	0.06	-6.86	0.10	<b>-5.52</b>	-0.15	CO 12
	562	0.000	Max M <sub>z</sub>	60.55	0.01	-2.53	-0.03	0.79	<b>0.02</b>	CO 13
	1851	1.129	Min M <sub>z</sub>	45.55	0.06	-6.86	0.10	-5.52	<b>-0.15</b>	CO 12
2142	1647	0.000	max N	<b>-0.93</b>	0.00	-4.07	0.00	1.06	0.00	CO 12
			min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	-0.94	<b>0.00</b>	-4.07	0.00	1.06	0.00	CO 8
			min V <sub>y</sub>	-0.94	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-0.94	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.93	0.00	<b>-4.07</b>	0.00	1.06	0.00	CO 12
			max M <sub>T</sub>	-0.93	0.00	-4.07	<b>0.00</b>	1.06	0.00	CO 12
			min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.93	0.00	-4.07	0.00	<b>1.06</b>	0.00	CO 12
			min M <sub>y</sub>	-0.94	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-0.94	0.00	-4.07	0.00	1.06	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.94	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1845	0.522	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1845	0.522	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1647	0.000	Min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1647	0.000	Max V <sub>y</sub>	-0.94	<b>0.00</b>	-4.07	0.00	1.06	0.00	CO 8
	1845	0.522	Min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
	1845	0.522	Max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
	1647	0.000	Min V <sub>z</sub>	-0.93	0.00	<b>-4.07</b>	0.00	1.06	0.00	CO 12
	1647	0.000	Max M <sub>T</sub>	-0.93	0.00	-4.07	<b>0.00</b>	1.06	0.00	CO 12
	1647	0.000	Min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	1647	0.000	Max M <sub>y</sub>	-0.93	0.00	-4.07	0.00	<b>1.06</b>	0.00	CO 12
	1845	0.522	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
	1647	0.000	Max M <sub>z</sub>	-0.94	0.00	-4.07	0.00	1.06	<b>0.00</b>	CO 8
	1845	0.522	Min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
2144	1857	0.000	max N	<b>77.90</b>	0.14	0.79	0.05	-0.47	0.12	CO 18
			min N	<b>9.07</b>	0.01	0.25	0.02	-0.18	0.01	CO 9
			max V <sub>y</sub>	64.37	<b>0.22</b>	-2.03	0.08	1.82	0.19	CO 12
			min V <sub>y</sub>	12.58	<b>0.00</b>	0.64	0.00	-0.47	0.00	CO 1
			max V <sub>z</sub>	77.76	0.02	<b>4.00</b>	0.01	-3.09	0.01	CO 17
			min V <sub>z</sub>	12.78	0.20	<b>-4.45</b>	0.08	3.82	0.18	CO 8
			max M <sub>T</sub>	64.37	0.22	-2.03	<b>0.08</b>	1.82	0.19	CO 12
			min M <sub>T</sub>	12.58	0.00	0.64	<b>0.00</b>	-0.47	0.00	CO 1
			max M <sub>y</sub>	12.78	0.20	-4.45	0.08	<b>3.82</b>	0.18	CO 8
			min M <sub>y</sub>	77.76	0.02	4.00	0.01	<b>-3.09</b>	0.01	CO 17
			max M <sub>z</sub>	64.37	0.22	-2.03	0.08	1.82	<b>0.19</b>	CO 12
			min M <sub>z</sub>	12.58	0.00	0.64	0.00	-0.47	<b>0.00</b>	CO 1
	505	1.129	max N	<b>77.77</b>	0.14	0.60	0.05	0.30	-0.04	CO 18
			min N	<b>8.93</b>	0.01	0.07	0.02	0.01	0.00	CO 9
			max V <sub>y</sub>	64.24	<b>0.21</b>	-2.11	0.08	-0.49	-0.06	CO 12
			min V <sub>y</sub>	12.45	<b>0.00</b>	0.47	0.00	0.16	0.00	CO 1
			max V <sub>z</sub>	77.63	0.02	<b>3.68</b>	0.01	1.17	-0.01	CO 17
			min V <sub>z</sub>	12.65	0.20	<b>-4.60</b>	0.08	-1.28	-0.05	CO 8
			max M <sub>T</sub>	64.24	0.21	-2.11	<b>0.08</b>	-0.49	-0.06	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	12.45	0.00	0.47	<b>0.00</b>	0.16	0.00	CO 1
			max M <sub>y</sub>	77.63	0.02	3.68	0.01	<b>1.17</b>	-0.01	CO 17
			min M <sub>y</sub>	12.65	0.20	-4.60	0.08	<b>-1.28</b>	-0.05	CO 8
			max M <sub>z</sub>	8.93	0.01	0.07	0.02	0.01	<b>0.00</b>	CO 9
			min M <sub>z</sub>	64.24	0.21	-2.11	0.08	-0.49	<b>-0.06</b>	CO 12
	1857	0.000	Max N	<b>77.90</b>	0.14	0.79	0.05	-0.47	0.12	CO 18
	505	1.129	Min N	<b>8.93</b>	0.01	0.07	0.02	0.01	0.00	CO 9
	1857	0.000	Max V <sub>y</sub>	64.37	<b>0.22</b>	-2.03	0.08	1.82	0.19	CO 12
		0.677	Min V <sub>y</sub>	12.50	<b>0.00</b>	0.54	0.00	-0.07	0.00	CO 1
	1857	0.000	Max V <sub>z</sub>	77.76	0.02	<b>4.00</b>	0.01	-3.09	0.01	CO 17
	505	1.129	Min V <sub>z</sub>	12.65	0.20	<b>-4.60</b>	0.08	-1.28	-0.05	CO 8
	1857	0.000	Max M <sub>T</sub>	64.37	0.22	-2.03	<b>0.08</b>	1.82	0.19	CO 12
	1857	0.000	Min M <sub>T</sub>	12.58	0.00	0.64	<b>0.00</b>	-0.47	0.00	CO 1
	1857	0.000	Max M <sub>y</sub>	12.78	0.20	-4.45	0.08	<b>3.82</b>	0.18	CO 8
	1857	0.000	Min M <sub>y</sub>	77.76	0.02	4.00	0.01	<b>-3.09</b>	0.01	CO 17
	1857	0.000	Max M <sub>z</sub>	64.37	0.22	-2.03	0.08	1.82	<b>0.19</b>	CO 12
	505	1.129	Min M <sub>z</sub>	64.24	0.21	-2.11	0.08	-0.49	<b>-0.06</b>	CO 12
2145	505	0.000	max N	<b>-4.09</b>	0.18	0.85	0.02	-0.62	0.09	CO 8
			min N	<b>-81.69</b>	0.02	0.42	0.00	0.30	0.01	CO 17
			max V <sub>y</sub>	-58.59	<b>0.19</b>	1.14	0.02	-0.44	0.10	CO 12
			min V <sub>y</sub>	-12.65	<b>0.00</b>	0.03	0.00	0.08	0.00	CO 1
			max V <sub>z</sub>	-58.59	0.19	<b>1.14</b>	0.02	-0.44	0.10	CO 12
			min V <sub>z</sub>	-12.65	0.00	<b>0.03</b>	0.00	0.08	0.00	CO 1
			max M <sub>T</sub>	-58.59	0.19	1.14	<b>0.02</b>	-0.44	0.10	CO 12
			min M <sub>T</sub>	-12.65	0.00	0.03	<b>0.00</b>	0.08	0.00	CO 1
			max M <sub>y</sub>	-81.69	0.02	0.42	0.00	<b>0.30</b>	0.01	CO 17
			min M <sub>y</sub>	-4.09	0.18	0.85	0.02	<b>-0.62</b>	0.09	CO 8
			max M <sub>z</sub>	-58.59	0.19	1.14	0.02	-0.44	<b>0.10</b>	CO 12
			min M <sub>z</sub>	-12.65	0.00	0.03	0.00	0.08	<b>0.00</b>	CO 1
	1882	1.129	max N	<b>-3.96</b>	0.18	0.67	0.02	0.24	-0.11	CO 8
			min N	<b>-81.57</b>	0.02	0.16	0.00	0.64	-0.01	CO 17
			max V <sub>y</sub>	-58.46	<b>0.19</b>	0.94	0.02	0.75	-0.12	CO 12
			min V <sub>y</sub>	-12.53	<b>0.00</b>	-0.15	0.00	0.01	0.00	CO 1
			max V <sub>z</sub>	-58.46	0.19	<b>0.94</b>	0.02	0.75	-0.12	CO 12
			min V <sub>z</sub>	-12.53	0.00	<b>-0.15</b>	0.00	0.01	0.00	CO 1
			max M <sub>T</sub>	-58.46	0.19	0.94	<b>0.02</b>	0.75	-0.12	CO 12
			min M <sub>T</sub>	-12.53	0.00	-0.15	<b>0.00</b>	0.01	0.00	CO 1
			max M <sub>y</sub>	-76.37	0.13	0.67	0.02	<b>0.78</b>	-0.08	CO 18
			min M <sub>y</sub>	-8.42	0.01	-0.13	0.00	<b>-0.03</b>	0.00	CO 9
			max M <sub>z</sub>	-12.53	0.00	-0.15	0.00	0.01	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-58.46	0.19	0.94	0.02	0.75	<b>-0.12</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1882	1.129	Max N	<b>-3.96</b>	0.18	0.67	0.02	0.24	-0.11	CO 8
	505	0.000	Min N	<b>-81.69</b>	0.02	0.42	0.00	0.30	0.01	CO 17
		0.564	Max V <sub>y</sub>	-58.52	<b>0.20</b>	1.06	0.02	0.18	-0.01	CO 12
	1882	1.129	Min V <sub>y</sub>	-12.53	<b>0.00</b>	-0.15	0.00	0.01	0.00	CO 1
	505	0.000	Max V <sub>z</sub>	-58.59	0.19	<b>1.14</b>	0.02	-0.44	0.10	CO 12
	1882	1.129	Min V <sub>z</sub>	-12.53	0.00	<b>-0.15</b>	0.00	0.01	0.00	CO 1
	1882	1.129	Max M <sub>T</sub>	-58.46	0.19	0.94	<b>0.02</b>	0.75	-0.12	CO 12
	1882	1.129	Min M <sub>T</sub>	-12.53	0.00	-0.15	<b>0.00</b>	0.01	0.00	CO 1
	1882	1.129	Max M <sub>y</sub>	-76.37	0.13	0.67	0.02	<b>0.78</b>	-0.08	CO 18
	505	0.000	Min M <sub>y</sub>	-4.09	0.18	0.85	0.02	<b>-0.62</b>	0.09	CO 8
	505	0.000	Max M <sub>z</sub>	-58.59	0.19	1.14	0.02	-0.44	<b>0.10</b>	CO 12
	1882	1.129	Min M <sub>z</sub>	-58.46	0.19	0.94	0.02	0.75	<b>-0.12</b>	CO 12
2146	1882	0.000	max N	<b>1.48</b>	-0.01	-0.25	0.00	0.48	-0.02	CO 13
			min N	<b>-1.53</b>	-0.11	-0.38	-0.02	0.28	-0.10	CO 8
			max V <sub>y</sub>	1.13	<b>0.00</b>	-0.11	0.00	0.16	-0.01	CO 9
			min V <sub>y</sub>	-1.24	<b>-0.13</b>	-0.52	-0.02	0.61	-0.11	CO 12
			max V <sub>z</sub>	0.89	0.00	<b>-0.05</b>	0.00	0.14	0.00	CO 1
			min V <sub>z</sub>	-1.24	-0.13	<b>-0.52</b>	-0.02	0.61	-0.11	CO 12
			max M <sub>T</sub>	1.13	0.00	-0.11	<b>0.00</b>	0.16	-0.01	CO 9
			min M <sub>T</sub>	-1.24	-0.13	-0.52	<b>-0.02</b>	0.61	-0.11	CO 12
			max M <sub>y</sub>	-0.23	-0.09	-0.43	-0.01	<b>0.64</b>	-0.07	CO 18
			min M <sub>y</sub>	0.89	0.00	-0.05	0.00	<b>0.14</b>	0.00	CO 1
			max M <sub>z</sub>	0.89	0.00	-0.05	0.00	0.14	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-1.24	-0.13	-0.52	-0.02	0.61	<b>-0.11</b>	CO 12
	524	1.129	max N	<b>1.34</b>	-0.01	-0.42	0.00	0.11	0.00	CO 13
			min N	<b>-1.66</b>	-0.11	-0.56	-0.02	-0.25	0.03	CO 8
			max V <sub>y</sub>	1.00	<b>0.00</b>	-0.28	0.00	-0.06	0.00	CO 9
			min V <sub>y</sub>	-1.37	<b>-0.13</b>	-0.69	-0.02	-0.08	0.03	CO 12
			max V <sub>z</sub>	0.75	0.00	<b>-0.22</b>	0.00	-0.01	0.00	CO 1
			min V <sub>z</sub>	-1.37	-0.13	<b>-0.69</b>	-0.02	-0.08	0.03	CO 12
			max M <sub>T</sub>	1.00	0.00	-0.28	<b>0.00</b>	-0.06	0.00	CO 9
			min M <sub>T</sub>	-1.37	-0.13	-0.69	<b>-0.02</b>	-0.08	0.03	CO 12
			max M <sub>y</sub>	1.11	-0.02	-0.40	0.00	<b>0.20</b>	0.00	CO 17
			min M <sub>y</sub>	-1.66	-0.11	-0.56	-0.02	<b>-0.25</b>	0.03	CO 8
			max M <sub>z</sub>	-1.37	-0.13	-0.69	-0.02	-0.08	<b>0.03</b>	CO 12
			min M <sub>z</sub>	1.00	0.00	-0.28	0.00	-0.06	<b>0.00</b>	CO 9
	1882	0.000	Max N	<b>1.48</b>	-0.01	-0.25	0.00	0.48	-0.02	CO 13
	524	1.129	Min N	<b>-1.66</b>	-0.11	-0.56	-0.02	-0.25	0.03	CO 8
	524	1.129	Max V <sub>y</sub>	1.00	<b>0.00</b>	-0.28	0.00	-0.06	0.00	CO 9
		0.677	Min V <sub>y</sub>	-1.32	<b>-0.13</b>	-0.62	-0.02	0.22	-0.02	CO 12
	1882	0.000	Max V <sub>z</sub>	0.89	0.00	<b>-0.05</b>	0.00	0.14	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	524	1.129	Min V <sub>z</sub>	-1.37	-0.13	<b>-0.69</b>	-0.02	-0.08	0.03	CO 12
	1882	0.000	Max M <sub>T</sub>	1.13	0.00	-0.11	<b>0.00</b>	0.16	-0.01	CO 9
	524	1.129	Min M <sub>T</sub>	-1.37	-0.13	-0.69	<b>-0.02</b>	-0.08	0.03	CO 12
	1882	0.000	Max M <sub>y</sub>	-0.23	-0.09	-0.43	-0.01	<b>0.64</b>	-0.07	CO 18
	524	1.129	Min M <sub>y</sub>	-1.66	-0.11	-0.56	-0.02	<b>-0.25</b>	0.03	CO 8
	524	1.129	Max M <sub>z</sub>	-1.37	-0.13	-0.69	-0.02	-0.08	<b>0.03</b>	CO 12
	1882	0.000	Min M <sub>z</sub>	-1.24	-0.13	-0.52	-0.02	0.61	<b>-0.11</b>	CO 12
2147	524	0.000	max N	<b>3.04</b>	-0.05	0.09	0.01	0.07	-0.04	CO 8
			min N	<b>-0.34</b>	-0.01	0.60	0.00	0.07	0.00	CO 19
			max V <sub>y</sub>	0.25	<b>0.00</b>	0.36	0.00	-0.11	0.00	CO 9
			min V <sub>y</sub>	2.55	<b>-0.05</b>	0.31	0.01	0.18	-0.04	CO 12
			max V <sub>z</sub>	-0.34	-0.01	<b>0.60</b>	0.00	0.07	0.00	CO 19
			min V <sub>z</sub>	3.04	-0.05	<b>0.09</b>	0.01	0.07	-0.04	CO 8
			max M <sub>T</sub>	2.55	-0.05	0.31	<b>0.01</b>	0.18	-0.04	CO 12
			min M <sub>T</sub>	0.48	0.00	0.25	<b>0.00</b>	-0.03	0.00	CO 1
			max M <sub>y</sub>	2.55	-0.05	0.31	0.01	<b>0.18</b>	-0.04	CO 12
			min M <sub>y</sub>	0.25	0.00	0.36	0.00	<b>-0.11</b>	0.00	CO 9
			max M <sub>z</sub>	0.25	0.00	0.36	0.00	-0.11	<b>0.00</b>	CO 9
			min M <sub>z</sub>	2.55	-0.05	0.31	0.01	0.18	<b>-0.04</b>	CO 12
	1880	1.129	max N	<b>3.16</b>	-0.05	-0.09	0.01	0.06	0.02	CO 8
			min N	<b>-0.21</b>	-0.01	0.42	0.00	0.64	0.01	CO 19
			max V <sub>y</sub>	0.38	<b>0.00</b>	0.18	0.00	0.19	0.00	CO 9
			min V <sub>y</sub>	2.68	<b>-0.05</b>	0.13	0.01	0.43	0.02	CO 12
			max V <sub>z</sub>	-0.21	-0.01	<b>0.42</b>	0.00	0.64	0.01	CO 19
			min V <sub>z</sub>	3.16	-0.05	<b>-0.09</b>	0.01	0.06	0.02	CO 8
			max M <sub>T</sub>	2.68	-0.05	0.13	<b>0.01</b>	0.43	0.02	CO 12
			min M <sub>T</sub>	0.61	0.00	0.07	<b>0.00</b>	0.16	0.00	CO 1
			max M <sub>y</sub>	-0.21	-0.01	0.42	0.00	<b>0.64</b>	0.01	CO 19
			min M <sub>y</sub>	3.16	-0.05	-0.09	0.01	<b>0.06</b>	0.02	CO 8
			max M <sub>z</sub>	3.16	-0.05	-0.09	0.01	0.06	<b>0.02</b>	CO 8
			min M <sub>z</sub>	0.61	0.00	0.07	0.00	0.16	<b>0.00</b>	CO 1
	1880	1.129	Max N	<b>3.16</b>	-0.05	-0.09	0.01	0.06	0.02	CO 8
	524	0.000	Min N	<b>-0.34</b>	-0.01	0.60	0.00	0.07	0.00	CO 19
	1880	1.129	Max V <sub>y</sub>	0.38	<b>0.00</b>	0.18	0.00	0.19	0.00	CO 9
	524	0.000	Min V <sub>y</sub>	2.55	<b>-0.05</b>	0.31	0.01	0.18	-0.04	CO 12
	524	0.000	Max V <sub>z</sub>	-0.34	-0.01	<b>0.60</b>	0.00	0.07	0.00	CO 19
	1880	1.129	Min V <sub>z</sub>	3.16	-0.05	<b>-0.09</b>	0.01	0.06	0.02	CO 8
		0.677	Max M <sub>T</sub>	2.63	-0.05	0.20	<b>0.01</b>	0.35	-0.01	CO 12
	524	0.000	Min M <sub>T</sub>	0.48	0.00	0.25	<b>0.00</b>	-0.03	0.00	CO 1
	1880	1.129	Max M <sub>y</sub>	-0.21	-0.01	0.42	0.00	<b>0.64</b>	0.01	CO 19
	524	0.000	Min M <sub>y</sub>	0.25	0.00	0.36	0.00	<b>-0.11</b>	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1880	1.129	Max M <sub>z</sub>	3.16	-0.05	-0.09	0.01	0.06	<b>0.02</b>	CO 8
	524	0.000	Min M <sub>z</sub>	2.55	-0.05	0.31	0.01	0.18	<b>-0.04</b>	CO 12
2148	1880	0.000	max N	<b>-7.16</b>	0.00	-0.10	0.00	0.05	0.00	CO 9
			min N	<b>-79.37</b>	0.01	-0.56	0.00	0.77	0.00	CO 17
			max V <sub>y</sub>	-64.99	<b>0.05</b>	0.27	0.00	0.34	0.02	CO 12
			min V <sub>y</sub>	-12.07	<b>0.00</b>	0.07	0.00	0.03	0.00	CO 1
			max V <sub>z</sub>	-11.86	0.04	<b>0.79</b>	0.00	-0.25	0.02	CO 8
			min V <sub>z</sub>	-76.39	0.01	<b>-0.66</b>	0.00	0.78	0.00	CO 19
			max M <sub>T</sub>	-76.39	0.01	-0.66	<b>0.00</b>	0.78	0.00	CO 19
			min M <sub>T</sub>	-7.16	0.00	-0.10	<b>0.00</b>	0.05	0.00	CO 9
			max M <sub>y</sub>	-76.39	0.01	-0.66	0.00	<b>0.78</b>	0.00	CO 19
			min M <sub>y</sub>	-11.86	0.04	0.79	0.00	<b>-0.25</b>	0.02	CO 8
			max M <sub>z</sub>	-64.99	0.05	0.27	0.00	0.34	<b>0.02</b>	CO 12
			min M <sub>z</sub>	-7.16	0.00	-0.10	0.00	0.05	<b>0.00</b>	CO 9
	522	1.129	max N	<b>-7.30</b>	0.00	-0.27	0.00	-0.16	-0.01	CO 9
			min N	<b>-79.50</b>	0.01	-0.80	0.00	-0.01	0.00	CO 17
			max V <sub>y</sub>	-65.12	<b>0.05</b>	0.04	0.00	0.51	-0.03	CO 12
			min V <sub>y</sub>	-12.21	<b>0.00</b>	-0.10	0.00	0.01	0.00	CO 1
			max V <sub>z</sub>	-11.99	0.04	<b>0.61</b>	0.00	0.54	-0.03	CO 8
			min V <sub>z</sub>	-76.53	0.01	<b>-0.89</b>	0.00	-0.11	-0.01	CO 19
			max M <sub>T</sub>	-45.00	0.04	0.31	<b>0.00</b>	0.57	-0.03	CO 14
			min M <sub>T</sub>	-7.30	0.00	-0.27	<b>0.00</b>	-0.16	-0.01	CO 9
			max M <sub>y</sub>	-45.00	0.04	0.31	0.00	<b>0.57</b>	-0.03	CO 14
			min M <sub>y</sub>	-27.38	0.01	-0.53	0.00	<b>-0.21</b>	-0.01	CO 11
			max M <sub>z</sub>	-12.21	0.00	-0.10	0.00	0.01	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-65.12	0.05	0.04	0.00	0.51	<b>-0.03</b>	CO 12
	1880	0.000	Max N	<b>-7.16</b>	0.00	-0.10	0.00	0.05	0.00	CO 9
	522	1.129	Min N	<b>-79.50</b>	0.01	-0.80	0.00	-0.01	0.00	CO 17
		0.452	Max V <sub>y</sub>	-65.04	<b>0.05</b>	0.18	0.00	0.44	0.00	CO 12
	522	1.129	Min V <sub>y</sub>	-12.21	<b>0.00</b>	-0.10	0.00	0.01	0.00	CO 1
	1880	0.000	Max V <sub>z</sub>	-11.86	0.04	<b>0.79</b>	0.00	-0.25	0.02	CO 8
	522	1.129	Min V <sub>z</sub>	-76.53	0.01	<b>-0.89</b>	0.00	-0.11	-0.01	CO 19
	1880	0.000	Max M <sub>T</sub>	-76.39	0.01	-0.66	<b>0.00</b>	0.78	0.00	CO 19
	522	1.129	Min M <sub>T</sub>	-7.30	0.00	-0.27	<b>0.00</b>	-0.16	-0.01	CO 9
	1880	0.000	Max M <sub>y</sub>	-76.39	0.01	-0.66	0.00	<b>0.78</b>	0.00	CO 19
	1880	0.000	Min M <sub>y</sub>	-11.86	0.04	0.79	0.00	<b>-0.25</b>	0.02	CO 8
	1880	0.000	Max M <sub>z</sub>	-64.99	0.05	0.27	0.00	0.34	<b>0.02</b>	CO 12
	522	1.129	Min M <sub>z</sub>	-65.12	0.05	0.04	0.00	0.51	<b>-0.03</b>	CO 12
2149	522	0.000	max N	<b>79.55</b>	0.00	-1.32	0.00	0.54	0.00	CO 17
			min N	<b>5.59</b>	0.01	-3.95	0.02	1.06	0.00	CO 8
			max V <sub>y</sub>	37.91	<b>0.01</b>	-4.83	0.02	1.38	0.00	CO 14



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	33.29	<b>0.00</b>	-0.10	0.00	0.10	0.00	CO 2
			max V <sub>z</sub>	10.02	0.00	<b>1.26</b>	0.01	-0.36	0.00	CO 9
			min V <sub>z</sub>	58.37	0.01	<b>-4.95</b>	0.02	1.45	0.00	CO 12
			max M <sub>T</sub>	58.37	0.01	-4.95	<b>0.02</b>	1.45	0.00	CO 12
			min M <sub>T</sub>	12.82	0.00	0.00	<b>0.00</b>	0.03	0.00	CO 1
			max M <sub>y</sub>	58.37	0.01	-4.95	0.02	<b>1.45</b>	0.00	CO 12
			min M <sub>y</sub>	10.02	0.00	1.26	0.01	<b>-0.36</b>	0.00	CO 9
			max M <sub>z</sub>	5.59	0.01	-3.95	0.02	1.06	<b>0.00</b>	CO 8
			min M <sub>z</sub>	10.02	0.00	1.26	0.01	-0.36	<b>0.00</b>	CO 9
	1856	1.129	max N	<b>79.68</b>	0.00	-1.54	0.00	-1.05	0.00	CO 17
			min N	<b>5.71</b>	0.01	-4.14	0.02	-3.50	-0.01	CO 8
			max V <sub>y</sub>	38.03	<b>0.01</b>	-5.11	0.02	-4.19	-0.01	CO 14
			min V <sub>y</sub>	33.42	<b>0.00</b>	-0.28	0.00	-0.11	0.00	CO 2
			max V <sub>z</sub>	10.15	0.00	<b>1.09</b>	0.01	0.97	0.00	CO 9
			min V <sub>z</sub>	58.48	0.01	<b>-5.29</b>	0.02	-4.26	-0.01	CO 12
			max M <sub>T</sub>	58.48	0.01	-5.29	<b>0.02</b>	-4.26	-0.01	CO 12
			min M <sub>T</sub>	12.94	0.00	-0.18	<b>0.00</b>	-0.07	0.00	CO 1
			max M <sub>y</sub>	10.15	0.00	1.09	0.01	<b>0.97</b>	0.00	CO 9
			min M <sub>y</sub>	58.48	0.01	-5.29	0.02	<b>-4.26</b>	-0.01	CO 12
			max M <sub>z</sub>	33.42	0.00	-0.28	0.00	-0.11	<b>0.00</b>	CO 2
			min M <sub>z</sub>	58.48	0.01	-5.29	0.02	-4.26	<b>-0.01</b>	CO 12
	1856	1.129	Max N	<b>79.68</b>	0.00	-1.54	0.00	-1.05	0.00	CO 17
	522	0.000	Min N	<b>5.59</b>	0.01	-3.95	0.02	1.06	0.00	CO 8
	522	0.000	Max V <sub>y</sub>	37.91	<b>0.01</b>	-4.83	0.02	1.38	0.00	CO 14
	522	0.000	Min V <sub>y</sub>	33.29	<b>0.00</b>	-0.10	0.00	0.10	0.00	CO 2
	522	0.000	Max V <sub>z</sub>	10.02	0.00	<b>1.26</b>	0.01	-0.36	0.00	CO 9
	1856	1.129	Min V <sub>z</sub>	58.48	0.01	<b>-5.29</b>	0.02	-4.26	-0.01	CO 12
	522	0.000	Max M <sub>T</sub>	58.37	0.01	-4.95	<b>0.02</b>	1.45	0.00	CO 12
	1856	1.129	Min M <sub>T</sub>	12.94	0.00	-0.18	<b>0.00</b>	-0.07	0.00	CO 1
	522	0.000	Max M <sub>y</sub>	58.37	0.01	-4.95	0.02	<b>1.45</b>	0.00	CO 12
	1856	1.129	Min M <sub>y</sub>	58.48	0.01	-5.29	0.02	<b>-4.26</b>	-0.01	CO 12
	522	0.000	Max M <sub>z</sub>	5.59	0.01	-3.95	0.02	1.06	<b>0.00</b>	CO 8
	1856	1.129	Min M <sub>z</sub>	58.48	0.01	-5.29	0.02	-4.26	<b>-0.01</b>	CO 12
2150	1858	0.000	max N	<b>66.08</b>	0.01	2.38	0.00	-1.91	0.01	CO 17
			min N	<b>4.67</b>	0.01	0.40	0.01	-0.30	0.02	CO 9
			max V <sub>y</sub>	4.67	<b>0.01</b>	0.40	0.01	-0.30	0.02	CO 9
			min V <sub>y</sub>	53.70	<b>-0.13</b>	-2.88	-0.08	2.48	-0.16	CO 12
			max V <sub>z</sub>	63.49	0.01	<b>2.39</b>	0.01	-1.93	0.02	CO 19
			min V <sub>z</sub>	8.44	-0.12	<b>-4.28</b>	-0.09	3.71	-0.17	CO 8
			max M <sub>T</sub>	49.86	0.01	1.97	<b>0.01</b>	-1.59	0.02	CO 13
			min M <sub>T</sub>	8.44	-0.12	-4.28	<b>-0.09</b>	3.71	-0.17	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	8.44	-0.12	-4.28	-0.09	<b>3.71</b>	-0.17	CO 8
			min M <sub>y</sub>	63.49	0.01	2.39	0.01	<b>-1.93</b>	0.02	CO 19
			max M <sub>z</sub>	49.86	0.01	1.97	0.01	-1.59	<b>0.02</b>	CO 13
			min M <sub>z</sub>	8.44	-0.12	-4.28	-0.09	3.71	<b>-0.17</b>	CO 8
	509	1.129	max N	<b>65.95</b>	0.00	2.12	0.00	0.60	0.00	CO 17
			min N	<b>4.53</b>	0.01	0.23	0.01	0.06	0.01	CO 9
			max V <sub>y</sub>	4.53	<b>0.01</b>	0.23	0.01	0.06	0.01	CO 9
			min V <sub>y</sub>	8.32	<b>-0.12</b>	-4.43	-0.09	-1.20	-0.03	CO 8
			max V <sub>z</sub>	63.36	0.01	<b>2.14</b>	0.01	0.60	0.01	CO 19
			min V <sub>z</sub>	8.32	-0.12	<b>-4.43</b>	-0.09	-1.20	-0.03	CO 8
			max M <sub>T</sub>	49.73	0.01	1.74	<b>0.01</b>	0.49	0.01	CO 13
			min M <sub>T</sub>	8.32	-0.12	-4.43	<b>-0.09</b>	-1.20	-0.03	CO 8
			max M <sub>y</sub>	63.36	0.01	2.14	0.01	<b>0.60</b>	0.01	CO 19
			min M <sub>y</sub>	8.32	-0.12	-4.43	-0.09	<b>-1.20</b>	-0.03	CO 8
			max M <sub>z</sub>	49.73	0.01	1.74	0.01	0.49	<b>0.01</b>	CO 13
			min M <sub>z</sub>	8.32	-0.12	-4.43	-0.09	-1.20	<b>-0.03</b>	CO 8
	1858	0.000	Max N	<b>66.08</b>	0.01	2.38	0.00	-1.91	0.01	CO 17
	509	1.129	Min N	<b>4.53</b>	0.01	0.23	0.01	0.06	0.01	CO 9
	1858	0.000	Max V <sub>y</sub>	4.67	<b>0.01</b>	0.40	0.01	-0.30	0.02	CO 9
	1858	0.000	Min V <sub>y</sub>	53.70	<b>-0.13</b>	-2.88	-0.08	2.48	-0.16	CO 12
	1858	0.000	Max V <sub>z</sub>	63.49	0.01	<b>2.39</b>	0.01	-1.93	0.02	CO 19
	509	1.129	Min V <sub>z</sub>	8.32	-0.12	<b>-4.43</b>	-0.09	-1.20	-0.03	CO 8
	509	1.129	Max M <sub>T</sub>	49.73	0.01	1.74	<b>0.01</b>	0.49	0.01	CO 13
	1858	0.000	Min M <sub>T</sub>	8.44	-0.12	-4.28	<b>-0.09</b>	3.71	-0.17	CO 8
	1858	0.000	Max M <sub>y</sub>	8.44	-0.12	-4.28	-0.09	<b>3.71</b>	-0.17	CO 8
	1858	0.000	Min M <sub>y</sub>	63.49	0.01	2.39	0.01	<b>-1.93</b>	0.02	CO 19
	1858	0.000	Max M <sub>z</sub>	49.86	0.01	1.97	0.01	-1.59	<b>0.02</b>	CO 13
	1858	0.000	Min M <sub>z</sub>	8.44	-0.12	-4.28	-0.09	3.71	<b>-0.17</b>	CO 8
2152	509	0.000	max N	<b>-0.06</b>	-0.10	0.86	0.00	-0.59	-0.06	CO 8
			min N	<b>-67.05</b>	0.00	1.07	0.00	-0.07	0.00	CO 17
			max V <sub>y</sub>	-4.41	<b>0.01</b>	0.09	0.00	0.03	0.01	CO 9
			min V <sub>y</sub>	-0.06	<b>-0.10</b>	0.86	0.00	-0.59	-0.06	CO 8
			max V <sub>z</sub>	-46.32	-0.10	<b>1.55</b>	0.00	-0.64	-0.06	CO 12
			min V <sub>z</sub>	-4.41	0.01	<b>0.09</b>	0.00	0.03	0.01	CO 9
			max M <sub>T</sub>	-8.54	0.00	0.17	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-46.32	-0.10	1.55	<b>0.00</b>	-0.64	-0.06	CO 12
			max M <sub>y</sub>	-4.41	0.01	0.09	0.00	<b>0.03</b>	0.01	CO 9
			min M <sub>y</sub>	-46.32	-0.10	1.55	0.00	<b>-0.64</b>	-0.06	CO 12
			max M <sub>z</sub>	-32.91	0.01	0.52	0.00	0.00	<b>0.01</b>	CO 15
			min M <sub>z</sub>	-0.06	-0.10	0.86	0.00	-0.59	<b>-0.06</b>	CO 8
	1883	1.129	max N	<b>0.06</b>	-0.10	0.68	0.00	0.28	0.05	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-66.93</b>	0.00	0.82	0.00	1.02	0.00	CO 17
			max V <sub>y</sub>	-4.29	<b>0.01</b>	-0.09	0.00	0.02	-0.01	CO 9
			min V <sub>y</sub>	0.06	<b>-0.10</b>	0.68	0.00	0.28	0.05	CO 8
			max V <sub>z</sub>	-46.20	-0.10	<b>1.35</b>	0.00	1.01	0.05	CO 12
			min V <sub>z</sub>	-4.29	0.01	<b>-0.09</b>	0.00	0.02	-0.01	CO 9
			max M <sub>T</sub>	-8.41	0.00	-0.01	<b>0.00</b>	0.10	0.00	CO 1
			min M <sub>T</sub>	-46.20	-0.10	1.35	<b>0.00</b>	1.01	0.05	CO 12
			max M <sub>y</sub>	-61.81	-0.06	1.24	0.00	<b>1.13</b>	0.03	CO 18
			min M <sub>y</sub>	-4.29	0.01	-0.09	0.00	<b>0.02</b>	-0.01	CO 9
			max M <sub>z</sub>	0.06	-0.10	0.68	0.00	0.28	<b>0.05</b>	CO 8
			min M <sub>z</sub>	-4.29	0.01	-0.09	0.00	0.02	<b>-0.01</b>	CO 9
	1883	1.129	Max N	<b>0.06</b>	-0.10	0.68	0.00	0.28	0.05	CO 8
	509	0.000	Min N	<b>-67.05</b>	0.00	1.07	0.00	-0.07	0.00	CO 17
	1883	1.129	Max V <sub>y</sub>	-4.29	<b>0.01</b>	-0.09	0.00	0.02	-0.01	CO 9
	1883	1.129	Min V <sub>y</sub>	0.06	<b>-0.10</b>	0.68	0.00	0.28	0.05	CO 8
	509	0.000	Max V <sub>z</sub>	-46.32	-0.10	<b>1.55</b>	0.00	-0.64	-0.06	CO 12
	1883	1.129	Min V <sub>z</sub>	-4.29	0.01	<b>-0.09</b>	0.00	0.02	-0.01	CO 9
	509	0.000	Max M <sub>T</sub>	-8.54	0.00	0.17	<b>0.00</b>	0.00	0.00	CO 1
	1883	1.129	Min M <sub>T</sub>	-46.20	-0.10	1.35	<b>0.00</b>	1.01	0.05	CO 12
	1883	1.129	Max M <sub>y</sub>	-61.81	-0.06	1.24	0.00	<b>1.13</b>	0.03	CO 18
	509	0.000	Min M <sub>y</sub>	-46.32	-0.10	1.55	0.00	<b>-0.64</b>	-0.06	CO 12
	1883	1.129	Max M <sub>z</sub>	0.06	-0.10	0.68	0.00	0.28	<b>0.05</b>	CO 8
	509	0.000	Min M <sub>z</sub>	-0.06	-0.10	0.86	0.00	-0.59	<b>-0.06</b>	CO 8
2155	1883	0.000	max N	<b>0.71</b>	0.00	0.09	0.00	-0.01	0.00	CO 9
			min N	<b>-2.24</b>	0.01	-0.06	-0.01	0.18	0.01	CO 12
			max V <sub>y</sub>	-2.24	<b>0.01</b>	-0.06	-0.01	0.18	0.01	CO 12
			min V <sub>y</sub>	0.71	<b>0.00</b>	0.09	0.00	-0.01	0.00	CO 9
			max V <sub>z</sub>	0.27	0.00	<b>0.19</b>	0.00	0.10	0.00	CO 17
			min V <sub>z</sub>	-1.94	0.01	<b>-0.13</b>	-0.01	0.10	0.01	CO 8
			max M <sub>T</sub>	0.46	0.00	0.17	<b>0.00</b>	0.07	0.01	CO 13
			min M <sub>T</sub>	-1.94	0.01	-0.13	<b>-0.01</b>	0.10	0.01	CO 8
			max M <sub>y</sub>	-2.24	0.01	-0.06	-0.01	<b>0.18</b>	0.01	CO 12
			min M <sub>y</sub>	0.71	0.00	0.09	0.00	<b>-0.01</b>	0.00	CO 9
			max M <sub>z</sub>	-2.24	0.01	-0.06	-0.01	0.18	<b>0.01</b>	CO 12
			min M <sub>z</sub>	0.62	0.00	0.10	0.00	0.00	<b>0.00</b>	CO 1
	532	1.129	max N	<b>0.57</b>	0.00	-0.08	0.00	0.00	0.00	CO 9
			min N	<b>-2.38</b>	0.01	-0.23	-0.01	0.02	0.00	CO 12
			max V <sub>y</sub>	-2.38	<b>0.01</b>	-0.23	-0.01	0.02	0.00	CO 12
			min V <sub>y</sub>	0.57	<b>0.00</b>	-0.08	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	0.13	0.00	<b>0.02</b>	0.00	0.22	0.00	CO 17
			min V <sub>z</sub>	-2.08	0.01	<b>-0.31</b>	-0.01	-0.14	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	0.32	0.00	0.00	<b>0.00</b>	0.16	0.00	CO 13
			min M <sub>T</sub>	-2.08	0.01	-0.31	<b>-0.01</b>	-0.14	0.00	CO 8
			max M <sub>y</sub>	0.13	0.00	0.02	0.00	<b>0.22</b>	0.00	CO 17
			min M <sub>y</sub>	-2.08	0.01	-0.31	-0.01	<b>-0.14</b>	0.00	CO 8
			max M <sub>z</sub>	0.32	0.00	0.00	0.00	0.16	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-2.08	0.01	-0.31	-0.01	-0.14	<b>0.00</b>	CO 8
	1883	0.000	Max N	<b>0.71</b>	0.00	0.09	0.00	-0.01	0.00	CO 9
	532	1.129	Min N	<b>-2.38</b>	0.01	-0.23	-0.01	0.02	0.00	CO 12
	532	1.129	Max V <sub>y</sub>	-2.38	<b>0.01</b>	-0.23	-0.01	0.02	0.00	CO 12
	1883	0.000	Min V <sub>y</sub>	0.71	<b>0.00</b>	0.09	0.00	-0.01	0.00	CO 9
	1883	0.000	Max V <sub>z</sub>	0.27	0.00	<b>0.19</b>	0.00	0.10	0.00	CO 17
	532	1.129	Min V <sub>z</sub>	-2.08	0.01	<b>-0.31</b>	-0.01	-0.14	0.00	CO 8
	532	1.129	Max M <sub>T</sub>	0.32	0.00	0.00	<b>0.00</b>	0.16	0.00	CO 13
	1883	0.000	Min M <sub>T</sub>	-1.94	0.01	-0.13	<b>-0.01</b>	0.10	0.01	CO 8
	532	1.129	Max M <sub>y</sub>	0.13	0.00	0.02	0.00	<b>0.22</b>	0.00	CO 17
	532	1.129	Min M <sub>y</sub>	-2.08	0.01	-0.31	-0.01	<b>-0.14</b>	0.00	CO 8
	1883	0.000	Max M <sub>z</sub>	-2.24	0.01	-0.06	-0.01	0.18	<b>0.01</b>	CO 12
	532	1.129	Min M <sub>z</sub>	-2.08	0.01	-0.31	-0.01	-0.14	<b>0.00</b>	CO 8
2156	1850	0.000	max N	<b>-1.79</b>	0.00	7.80	0.00	-3.90	0.00	CO 8
			min N	<b>-1.80</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	-1.80	<b>0.00</b>	7.80	0.00	-3.90	0.00	CO 12
			max V <sub>z</sub>	-1.79	0.00	<b>7.80</b>	0.00	-3.90	0.00	CO 8
			min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
			max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-1.79	0.00	7.80	<b>0.00</b>	-3.90	0.00	CO 8
			max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-1.79	0.00	7.80	0.00	<b>-3.90</b>	0.00	CO 8
			max M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-1.80	0.00	7.80	0.00	-3.90	<b>0.00</b>	CO 12
	1853	1.000	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1853	1.000	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1850	0.000	Min N	<b>-1.80</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1853	1.000	Max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
	1850	0.000	Min V <sub>y</sub>	-1.80	<b>0.00</b>	7.80	0.00	-3.90	0.00	CO 12
	1850	0.000	Max V <sub>z</sub>	-1.79	0.00	<b>7.80</b>	0.00	-3.90	0.00	CO 8
	1850	0.000	Min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
	1850	0.000	Max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	1850	0.000	Min M <sub>T</sub>	-1.79	0.00	7.80	<b>0.00</b>	-3.90	0.00	CO 8
	1850	0.000	Max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
	1850	0.000	Min M <sub>y</sub>	-1.79	0.00	7.80	0.00	<b>-3.90</b>	0.00	CO 8
	1853	1.000	Max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1850	0.000	Min M <sub>z</sub>	-1.80	0.00	7.80	0.00	-3.90	<b>0.00</b>	CO 12
2157	532	0.000	max N	<b>3.02</b>	0.01	-0.21	-0.01	0.20	0.00	CO 8
			min N	<b>0.16</b>	0.00	-0.02	0.00	0.22	0.00	CO 17
			max V <sub>y</sub>	3.02	<b>0.01</b>	-0.21	-0.01	0.20	0.00	CO 8
			min V <sub>y</sub>	0.25	<b>0.00</b>	0.01	0.00	0.16	0.00	CO 13
			max V <sub>z</sub>	0.48	0.00	<b>0.09</b>	0.00	-0.01	0.00	CO 9
			min V <sub>z</sub>	2.84	0.01	<b>-0.28</b>	-0.01	0.36	0.01	CO 12
			max M <sub>T</sub>	0.49	0.00	0.08	<b>0.00</b>	0.02	0.00	CO 1
			min M <sub>T</sub>	2.84	0.01	-0.28	<b>-0.01</b>	0.36	0.01	CO 12
			max M <sub>y</sub>	2.84	0.01	-0.28	-0.01	<b>0.36</b>	0.01	CO 12
			min M <sub>y</sub>	0.48	0.00	0.09	0.00	<b>-0.01</b>	0.00	CO 9
			max M <sub>z</sub>	2.84	0.01	-0.28	-0.01	0.36	<b>0.01</b>	CO 12
			min M <sub>z</sub>	0.49	0.00	0.08	0.00	0.02	<b>0.00</b>	CO 1
	1881	1.129	max N	<b>3.14</b>	0.01	-0.39	-0.01	-0.14	-0.01	CO 8
			min N	<b>0.29</b>	0.00	-0.20	0.00	0.10	0.00	CO 17
			max V <sub>y</sub>	3.14	<b>0.01</b>	-0.39	-0.01	-0.14	-0.01	CO 8
			min V <sub>y</sub>	0.38	<b>0.00</b>	-0.17	0.00	0.07	0.01	CO 13
			max V <sub>z</sub>	0.60	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	2.96	0.01	<b>-0.46</b>	-0.01	-0.06	0.00	CO 12
			max M <sub>T</sub>	0.61	0.00	-0.10	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	2.96	0.01	-0.46	<b>-0.01</b>	-0.06	0.00	CO 12
			max M <sub>y</sub>	0.29	0.00	-0.20	0.00	<b>0.10</b>	0.00	CO 17
			min M <sub>y</sub>	3.14	0.01	-0.39	-0.01	<b>-0.14</b>	-0.01	CO 8
			max M <sub>z</sub>	0.38	0.00	-0.17	0.00	0.07	<b>0.01</b>	CO 13
			min M <sub>z</sub>	3.14	0.01	-0.39	-0.01	-0.14	<b>-0.01</b>	CO 8
	1881	1.129	Max N	<b>3.14</b>	0.01	-0.39	-0.01	-0.14	-0.01	CO 8
	532	0.000	Min N	<b>0.16</b>	0.00	-0.02	0.00	0.22	0.00	CO 17
	1881	1.129	Max V <sub>y</sub>	3.14	<b>0.01</b>	-0.39	-0.01	-0.14	-0.01	CO 8
	532	0.000	Min V <sub>y</sub>	0.25	<b>0.00</b>	0.01	0.00	0.16	0.00	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	532	0.000	Max V <sub>z</sub>	0.48	0.00	<b>0.09</b>	0.00	-0.01	0.00	CO 9
	1881	1.129	Min V <sub>z</sub>	2.96	0.01	<b>-0.46</b>	-0.01	-0.06	0.00	CO 12
	1881	1.129	Max M <sub>T</sub>	0.61	0.00	-0.10	<b>0.00</b>	0.00	0.00	CO 1
	532	0.000	Min M <sub>T</sub>	2.84	0.01	-0.28	<b>-0.01</b>	0.36	0.01	CO 12
	532	0.000	Max M <sub>y</sub>	2.84	0.01	-0.28	-0.01	<b>0.36</b>	0.01	CO 12
	1881	1.129	Min M <sub>y</sub>	3.14	0.01	-0.39	-0.01	<b>-0.14</b>	-0.01	CO 8
	1881	1.129	Max M <sub>z</sub>	0.38	0.00	-0.17	0.00	0.07	<b>0.01</b>	CO 13
	1881	1.129	Min M <sub>z</sub>	3.14	0.01	-0.39	-0.01	-0.14	<b>-0.01</b>	CO 8
2158	1881	0.000	max N	<b>-4.13</b>	-0.01	0.06	0.00	0.03	0.00	CO 9
			min N	<b>-67.07</b>	-0.07	-0.27	0.00	0.80	-0.04	CO 18
			max V <sub>y</sub>	-8.41	<b>0.00</b>	0.01	0.00	0.10	0.00	CO 1
			min V <sub>y</sub>	-54.89	<b>-0.12</b>	0.26	0.00	0.47	-0.06	CO 12
			max V <sub>z</sub>	-8.50	-0.12	<b>0.91</b>	0.00	-0.25	-0.06	CO 8
			min V <sub>z</sub>	-66.97	-0.01	<b>-0.81</b>	0.00	1.01	0.00	CO 17
			max M <sub>T</sub>	-50.46	-0.01	-0.59	<b>0.00</b>	0.76	0.00	CO 13
			min M <sub>T</sub>	-8.50	-0.12	0.91	<b>0.00</b>	-0.25	-0.06	CO 8
			max M <sub>y</sub>	-66.97	-0.01	-0.81	0.00	<b>1.01</b>	0.00	CO 17
			min M <sub>y</sub>	-8.50	-0.12	0.91	0.00	<b>-0.25</b>	-0.06	CO 8
			max M <sub>z</sub>	-8.41	0.00	0.01	0.00	0.10	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-54.89	-0.12	0.26	0.00	0.47	<b>-0.06</b>	CO 12
	525	1.129	max N	<b>-4.27</b>	-0.01	-0.11	0.00	0.01	0.01	CO 9
			min N	<b>-67.20</b>	-0.07	-0.52	0.00	0.35	0.05	CO 18
			max V <sub>y</sub>	-8.55	<b>0.00</b>	-0.17	0.00	0.01	0.00	CO 1
			min V <sub>y</sub>	-55.03	<b>-0.12</b>	0.02	0.00	0.63	0.08	CO 12
			max V <sub>z</sub>	-8.64	-0.12	<b>0.73</b>	0.00	0.68	0.07	CO 8
			min V <sub>z</sub>	-67.11	-0.01	<b>-1.05</b>	0.00	-0.05	0.00	CO 17
			max M <sub>T</sub>	-50.60	-0.01	-0.80	<b>0.00</b>	-0.04	0.01	CO 13
			min M <sub>T</sub>	-8.64	-0.12	0.73	<b>0.00</b>	0.68	0.07	CO 8
			max M <sub>y</sub>	-8.64	-0.12	0.73	0.00	<b>0.68</b>	0.07	CO 8
			min M <sub>y</sub>	-67.11	-0.01	-1.05	0.00	<b>-0.05</b>	0.00	CO 17
			max M <sub>z</sub>	-55.03	-0.12	0.02	0.00	0.63	<b>0.08</b>	CO 12
			min M <sub>z</sub>	-8.55	0.00	-0.17	0.00	0.01	<b>0.00</b>	CO 1
	1881	0.000	Max N	<b>-4.13</b>	-0.01	0.06	0.00	0.03	0.00	CO 9
	525	1.129	Min N	<b>-67.20</b>	-0.07	-0.52	0.00	0.35	0.05	CO 18
	525	1.129	Max V <sub>y</sub>	-8.55	<b>0.00</b>	-0.17	0.00	0.01	0.00	CO 1
		0.452	Min V <sub>y</sub>	-54.94	<b>-0.12</b>	0.17	0.00	0.57	-0.01	CO 12
	1881	0.000	Max V <sub>z</sub>	-8.50	-0.12	<b>0.91</b>	0.00	-0.25	-0.06	CO 8
	525	1.129	Min V <sub>z</sub>	-67.11	-0.01	<b>-1.05</b>	0.00	-0.05	0.00	CO 17
	1881	0.000	Max M <sub>T</sub>	-50.46	-0.01	-0.59	<b>0.00</b>	0.76	0.00	CO 13
	525	1.129	Min M <sub>T</sub>	-8.64	-0.12	0.73	<b>0.00</b>	0.68	0.07	CO 8
	1881	0.000	Max M <sub>y</sub>	-66.97	-0.01	-0.81	0.00	<b>1.01</b>	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1881	0.000	Min M <sub>y</sub>	-8.50	-0.12	0.91	0.00	<b>-0.25</b>	-0.06	CO 8
	525	1.129	Max M <sub>z</sub>	-55.03	-0.12	0.02	0.00	0.63	<b>0.08</b>	CO 12
	1881	0.000	Min M <sub>z</sub>	-54.89	-0.12	0.26	0.00	0.47	<b>-0.06</b>	CO 12
2159	525	0.000	max N	<b>65.87</b>	-0.01	-2.19	-0.01	0.62	0.01	CO 17
			min N	<b>0.66</b>	-0.14	-4.84	-0.10	1.34	0.04	CO 8
			max V <sub>y</sub>	8.82	<b>0.00</b>	-0.22	0.00	0.06	0.00	CO 1
			min V <sub>y</sub>	45.77	<b>-0.14</b>	-6.44	-0.10	1.80	0.04	CO 12
			max V <sub>z</sub>	4.64	-0.01	<b>-0.08</b>	-0.01	0.02	0.01	CO 9
			min V <sub>z</sub>	45.77	-0.14	<b>-6.44</b>	-0.10	1.80	0.04	CO 12
			max M <sub>T</sub>	8.82	0.00	-0.22	<b>0.00</b>	0.06	0.00	CO 1
			min M <sub>T</sub>	45.77	-0.14	-6.44	<b>-0.10</b>	1.80	0.04	CO 12
			max M <sub>y</sub>	45.77	-0.14	-6.44	-0.10	<b>1.80</b>	0.04	CO 12
			min M <sub>y</sub>	4.64	-0.01	-0.08	-0.01	<b>0.02</b>	0.01	CO 9
			max M <sub>z</sub>	45.77	-0.14	-6.44	-0.10	1.80	<b>0.04</b>	CO 12
			min M <sub>z</sub>	8.82	0.00	-0.22	0.00	0.06	<b>0.00</b>	CO 1
	1855	1.129	max N	<b>65.99</b>	-0.01	-2.45	-0.01	-1.96	0.01	CO 17
			min N	<b>0.77</b>	-0.13	-5.02	-0.10	-4.22	0.19	CO 8
			max V <sub>y</sub>	8.94	<b>0.00</b>	-0.40	0.00	-0.29	0.00	CO 1
			min V <sub>y</sub>	45.87	<b>-0.15</b>	-6.80	-0.10	-5.60	0.20	CO 12
			max V <sub>z</sub>	4.77	-0.01	<b>-0.26</b>	-0.01	-0.17	0.02	CO 9
			min V <sub>z</sub>	45.87	-0.15	<b>-6.80</b>	-0.10	-5.60	0.20	CO 12
			max M <sub>T</sub>	8.94	0.00	-0.40	<b>0.00</b>	-0.29	0.00	CO 1
			min M <sub>T</sub>	45.87	-0.15	-6.80	<b>-0.10</b>	-5.60	0.20	CO 12
			max M <sub>y</sub>	4.77	-0.01	-0.26	-0.01	<b>-0.17</b>	0.02	CO 9
			min M <sub>y</sub>	45.87	-0.15	-6.80	-0.10	<b>-5.60</b>	0.20	CO 12
			max M <sub>z</sub>	45.87	-0.15	-6.80	-0.10	-5.60	<b>0.20</b>	CO 12
			min M <sub>z</sub>	8.94	0.00	-0.40	0.00	-0.29	<b>0.00</b>	CO 1
	1855	1.129	Max N	<b>65.99</b>	-0.01	-2.45	-0.01	-1.96	0.01	CO 17
	525	0.000	Min N	<b>0.66</b>	-0.14	-4.84	-0.10	1.34	0.04	CO 8
	525	0.000	Max V <sub>y</sub>	8.82	<b>0.00</b>	-0.22	0.00	0.06	0.00	CO 1
	1855	1.129	Min V <sub>y</sub>	45.87	<b>-0.15</b>	-6.80	-0.10	-5.60	0.20	CO 12
	525	0.000	Max V <sub>z</sub>	4.64	-0.01	<b>-0.08</b>	-0.01	0.02	0.01	CO 9
	1855	1.129	Min V <sub>z</sub>	45.87	-0.15	<b>-6.80</b>	-0.10	-5.60	0.20	CO 12
	1855	1.129	Max M <sub>T</sub>	8.94	0.00	-0.40	<b>0.00</b>	-0.29	0.00	CO 1
	525	0.000	Min M <sub>T</sub>	45.77	-0.14	-6.44	<b>-0.10</b>	1.80	0.04	CO 12
	525	0.000	Max M <sub>y</sub>	45.77	-0.14	-6.44	-0.10	<b>1.80</b>	0.04	CO 12
	1855	1.129	Min M <sub>y</sub>	45.87	-0.15	-6.80	-0.10	<b>-5.60</b>	0.20	CO 12
	1855	1.129	Max M <sub>z</sub>	45.87	-0.15	-6.80	-0.10	-5.60	<b>0.20</b>	CO 12
	525	0.000	Min M <sub>z</sub>	8.82	0.00	-0.22	0.00	0.06	<b>0.00</b>	CO 1
2160	1861	0.000	max N	<b>79.78</b>	0.00	1.46	0.00	-0.99	0.00	CO 17
			min N	<b>-0.53</b>	0.02	-2.87	0.02	2.56	0.01	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	20.01	<b>0.02</b>	-2.87	0.02	2.57	0.01	CO 10
			min V <sub>y</sub>	63.12	<b>-0.01</b>	-0.22	-0.02	0.32	-0.01	CO 13
			max V <sub>z</sub>	79.78	0.00	<b>1.46</b>	0.00	-0.99	0.00	CO 17
			min V <sub>z</sub>	-0.53	0.02	<b>-2.87</b>	0.02	2.56	0.01	CO 8
			max M <sub>T</sub>	-0.53	0.02	-2.87	<b>0.02</b>	2.56	0.01	CO 8
			min M <sub>T</sub>	63.12	-0.01	-0.22	<b>-0.02</b>	0.32	-0.01	CO 13
			max M <sub>y</sub>	20.01	0.02	-2.87	0.02	<b>2.57</b>	0.01	CO 10
			min M <sub>y</sub>	79.78	0.00	1.46	0.00	<b>-0.99</b>	0.00	CO 17
			max M <sub>z</sub>	52.44	0.02	-2.08	0.01	1.95	<b>0.01</b>	CO 12
			min M <sub>z</sub>	63.12	-0.01	-0.22	-0.02	0.32	<b>-0.01</b>	CO 13
	1534	1.129	max N	<b>79.64</b>	0.00	1.25	0.00	0.51	0.00	CO 17
			min N	<b>-0.66</b>	0.02	-3.04	0.02	-0.77	-0.01	CO 8
			max V <sub>y</sub>	19.88	<b>0.02</b>	-3.00	0.01	-0.73	-0.01	CO 10
			min V <sub>y</sub>	62.98	<b>-0.01</b>	-0.37	-0.02	-0.01	0.00	CO 13
			max V <sub>z</sub>	79.64	0.00	<b>1.25</b>	0.00	0.51	0.00	CO 17
			min V <sub>z</sub>	-0.66	0.02	<b>-3.04</b>	0.02	-0.77	-0.01	CO 8
			max M <sub>T</sub>	-0.66	0.02	-3.04	<b>0.02</b>	-0.77	-0.01	CO 8
			min M <sub>T</sub>	62.98	-0.01	-0.37	<b>-0.02</b>	-0.01	0.00	CO 13
			max M <sub>y</sub>	79.64	0.00	1.25	0.00	<b>0.51</b>	0.00	CO 17
			min M <sub>y</sub>	-0.66	0.02	-3.04	0.02	<b>-0.77</b>	-0.01	CO 8
			max M <sub>z</sub>	62.98	-0.01	-0.37	-0.02	-0.01	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-0.66	0.02	-3.04	0.02	-0.77	<b>-0.01</b>	CO 8
	1861	0.000	Max N	<b>79.78</b>	0.00	1.46	0.00	-0.99	0.00	CO 17
	1534	1.129	Min N	<b>-0.66</b>	0.02	-3.04	0.02	-0.77	-0.01	CO 8
	1861	0.000	Max V <sub>y</sub>	20.01	<b>0.02</b>	-2.87	0.02	2.57	0.01	CO 10
	1861	0.000	Min V <sub>y</sub>	63.12	<b>-0.01</b>	-0.22	-0.02	0.32	-0.01	CO 13
	1861	0.000	Max V <sub>z</sub>	79.78	0.00	<b>1.46</b>	0.00	-0.99	0.00	CO 17
	1534	1.129	Min V <sub>z</sub>	-0.66	0.02	<b>-3.04</b>	0.02	-0.77	-0.01	CO 8
	1861	0.000	Max M <sub>T</sub>	-0.53	0.02	-2.87	<b>0.02</b>	2.56	0.01	CO 8
	1534	1.129	Min M <sub>T</sub>	62.98	-0.01	-0.37	<b>-0.02</b>	-0.01	0.00	CO 13
	1861	0.000	Max M <sub>y</sub>	20.01	0.02	-2.87	0.02	<b>2.57</b>	0.01	CO 10
	1861	0.000	Min M <sub>y</sub>	79.78	0.00	1.46	0.00	<b>-0.99</b>	0.00	CO 17
	1861	0.000	Max M <sub>z</sub>	52.44	0.02	-2.08	0.01	1.95	<b>0.01</b>	CO 12
	1534	1.129	Min M <sub>z</sub>	-0.66	0.02	-3.04	0.02	-0.77	<b>-0.01</b>	CO 8
2161	1534	0.000	max N	<b>5.96</b>	0.04	0.25	0.00	-0.29	0.02	CO 8
			min N	<b>-79.44</b>	-0.01	0.82	0.00	-0.02	0.00	CO 17
			max V <sub>y</sub>	5.96	<b>0.04</b>	0.25	0.00	-0.29	0.02	CO 8
			min V <sub>y</sub>	-60.38	<b>-0.01</b>	0.84	0.00	-0.20	-0.01	CO 13
			max V <sub>z</sub>	-76.50	-0.01	<b>0.91</b>	0.00	-0.13	-0.01	CO 19
			min V <sub>z</sub>	-12.20	0.00	<b>0.11</b>	0.00	0.01	0.00	CO 1
			max M <sub>T</sub>	-14.07	0.04	0.51	<b>0.00</b>	-0.34	0.02	CO 10



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-60.38	-0.01	0.84	<b>0.00</b>	-0.20	-0.01	CO 13
			max M <sub>y</sub>	-59.35	0.00	0.54	0.00	<b>0.04</b>	0.00	CO 16
			min M <sub>y</sub>	-14.07	0.04	0.51	0.00	<b>-0.34</b>	0.02	CO 10
			max M <sub>z</sub>	5.96	0.04	0.25	0.00	-0.29	<b>0.02</b>	CO 8
			min M <sub>z</sub>	-60.38	-0.01	0.84	0.00	-0.20	<b>-0.01</b>	CO 13
	1885	1.129	max N	<b>6.09</b>	0.04	0.06	0.00	-0.11	-0.02	CO 8
			min N	<b>-79.32</b>	-0.01	0.58	0.00	0.78	0.00	CO 17
			max V <sub>y</sub>	6.09	<b>0.04</b>	0.06	0.00	-0.11	-0.02	CO 8
			min V <sub>y</sub>	-60.25	<b>-0.01</b>	0.63	0.00	0.64	0.00	CO 13
			max V <sub>z</sub>	-76.37	-0.01	<b>0.68</b>	0.00	0.79	0.00	CO 19
			min V <sub>z</sub>	-12.07	0.00	<b>-0.07</b>	0.00	0.03	0.00	CO 1
			max M <sub>T</sub>	-13.94	0.04	0.34	<b>0.00</b>	0.14	-0.02	CO 10
			min M <sub>T</sub>	-60.25	-0.01	0.63	<b>0.00</b>	0.64	0.00	CO 13
			max M <sub>y</sub>	-76.37	-0.01	0.68	0.00	<b>0.79</b>	0.00	CO 19
			min M <sub>y</sub>	6.09	0.04	0.06	0.00	<b>-0.11</b>	-0.02	CO 8
			max M <sub>z</sub>	-76.37	-0.01	0.68	0.00	0.79	<b>0.00</b>	CO 19
			min M <sub>z</sub>	6.09	0.04	0.06	0.00	-0.11	<b>-0.02</b>	CO 8
	1885	1.129	Max N	<b>6.09</b>	0.04	0.06	0.00	-0.11	-0.02	CO 8
	1534	0.000	Min N	<b>-79.44</b>	-0.01	0.82	0.00	-0.02	0.00	CO 17
	1885	1.129	Max V <sub>y</sub>	6.09	<b>0.04</b>	0.06	0.00	-0.11	-0.02	CO 8
		0.903	Min V <sub>y</sub>	-60.28	<b>-0.01</b>	0.68	0.00	0.49	0.00	CO 13
	1534	0.000	Max V <sub>z</sub>	-76.50	-0.01	<b>0.91</b>	0.00	-0.13	-0.01	CO 19
	1885	1.129	Min V <sub>z</sub>	-12.07	0.00	<b>-0.07</b>	0.00	0.03	0.00	CO 1
	1885	1.129	Max M <sub>T</sub>	-13.94	0.04	0.34	<b>0.00</b>	0.14	-0.02	CO 10
	1885	1.129	Min M <sub>T</sub>	-60.25	-0.01	0.63	<b>0.00</b>	0.64	0.00	CO 13
	1885	1.129	Max M <sub>y</sub>	-76.37	-0.01	0.68	0.00	<b>0.79</b>	0.00	CO 19
	1534	0.000	Min M <sub>y</sub>	-14.07	0.04	0.51	0.00	<b>-0.34</b>	0.02	CO 10
	1534	0.000	Max M <sub>z</sub>	5.96	0.04	0.25	0.00	-0.29	<b>0.02</b>	CO 8
	1885	1.129	Min M <sub>z</sub>	6.09	0.04	0.06	0.00	-0.11	<b>-0.02</b>	CO 8
2162	1885	0.000	max N	<b>0.61</b>	0.00	-0.08	0.00	0.16	0.00	CO 1
			min N	<b>-1.44</b>	-0.04	-0.50	0.00	0.59	-0.02	CO 12
			max V <sub>y</sub>	-0.21	<b>0.01</b>	-0.42	0.00	0.64	0.01	CO 19
			min V <sub>y</sub>	-0.86	<b>-0.05</b>	-0.28	0.00	0.23	-0.02	CO 8
			max V <sub>z</sub>	0.61	0.00	<b>-0.08</b>	0.00	0.16	0.00	CO 1
			min V <sub>z</sub>	-1.44	-0.04	<b>-0.50</b>	0.00	0.59	-0.02	CO 12
			max M <sub>T</sub>	-0.86	-0.05	-0.28	<b>0.00</b>	0.23	-0.02	CO 8
			min M <sub>T</sub>	0.12	0.00	-0.28	<b>0.00</b>	0.34	0.01	CO 11
			max M <sub>y</sub>	-0.99	-0.02	-0.48	0.00	<b>0.66</b>	-0.01	CO 18
			min M <sub>y</sub>	0.61	0.00	-0.08	0.00	<b>0.16</b>	0.00	CO 1
			max M <sub>z</sub>	-0.15	0.01	-0.41	0.00	0.56	<b>0.01</b>	CO 13
			min M <sub>z</sub>	-0.86	-0.05	-0.28	0.00	0.23	<b>-0.02</b>	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1536	1.129	max N	<b>0.48</b>	0.00	-0.25	0.00	-0.03	0.00	CO 1
			min N	<b>-1.58</b>	-0.04	-0.67	0.00	-0.07	0.03	CO 12
			max V <sub>y</sub>	-0.35	<b>0.01</b>	-0.60	0.00	0.07	0.00	CO 19
			min V <sub>y</sub>	-1.00	<b>-0.05</b>	-0.45	0.00	-0.18	0.03	CO 8
			max V <sub>z</sub>	0.48	0.00	<b>-0.25</b>	0.00	-0.03	0.00	CO 1
			min V <sub>z</sub>	-1.58	-0.04	<b>-0.67</b>	0.00	-0.07	0.03	CO 12
			max M <sub>T</sub>	-1.00	-0.05	-0.45	<b>0.00</b>	-0.18	0.03	CO 8
			min M <sub>T</sub>	-0.01	0.01	-0.45	<b>0.00</b>	-0.08	0.00	CO 11
			max M <sub>y</sub>	-0.25	0.01	-0.53	0.00	<b>0.11</b>	-0.01	CO 17
			min M <sub>y</sub>	-1.00	-0.05	-0.45	0.00	<b>-0.18</b>	0.03	CO 8
			max M <sub>z</sub>	-1.00	-0.05	-0.45	0.00	-0.18	<b>0.03</b>	CO 8
			min M <sub>z</sub>	-0.25	0.01	-0.53	0.00	0.11	<b>-0.01</b>	CO 17
	1885	0.000	Max N	<b>0.61</b>	0.00	-0.08	0.00	0.16	0.00	CO 1
	1536	1.129	Min N	<b>-1.58</b>	-0.04	-0.67	0.00	-0.07	0.03	CO 12
	1536	1.129	Max V <sub>y</sub>	-0.35	<b>0.01</b>	-0.60	0.00	0.07	0.00	CO 19
		0.452	Min V <sub>y</sub>	-0.92	<b>-0.05</b>	-0.34	0.00	0.09	0.00	CO 8
	1885	0.000	Max V <sub>z</sub>	0.61	0.00	<b>-0.08</b>	0.00	0.16	0.00	CO 1
	1536	1.129	Min V <sub>z</sub>	-1.58	-0.04	<b>-0.67</b>	0.00	-0.07	0.03	CO 12
	1885	0.000	Max M <sub>T</sub>	-0.86	-0.05	-0.28	<b>0.00</b>	0.23	-0.02	CO 8
	1536	1.129	Min M <sub>T</sub>	-0.01	0.01	-0.45	<b>0.00</b>	-0.08	0.00	CO 11
	1885	0.000	Max M <sub>y</sub>	-0.99	-0.02	-0.48	0.00	<b>0.66</b>	-0.01	CO 18
	1536	1.129	Min M <sub>y</sub>	-1.00	-0.05	-0.45	0.00	<b>-0.18</b>	0.03	CO 8
	1536	1.129	Max M <sub>z</sub>	-1.00	-0.05	-0.45	0.00	-0.18	<b>0.03</b>	CO 8
	1885	0.000	Min M <sub>z</sub>	-0.86	-0.05	-0.28	0.00	0.23	<b>-0.02</b>	CO 8
2163	1536	0.000	max N	<b>3.06</b>	-0.08	0.12	-0.01	0.28	-0.03	CO 12
			min N	<b>0.75</b>	0.00	0.23	0.00	-0.01	0.00	CO 1
			max V <sub>y</sub>	1.27	<b>0.02</b>	0.44	0.00	0.17	0.00	CO 19
			min V <sub>y</sub>	2.62	<b>-0.09</b>	-0.01	-0.01	0.11	-0.03	CO 8
			max V <sub>z</sub>	1.27	0.02	<b>0.44</b>	0.00	0.17	0.00	CO 19
			min V <sub>z</sub>	2.62	-0.09	<b>-0.01</b>	-0.01	0.11	-0.03	CO 8
			max M <sub>T</sub>	1.14	0.02	0.40	<b>0.00</b>	0.21	0.00	CO 17
			min M <sub>T</sub>	2.62	-0.09	-0.01	<b>-0.01</b>	0.11	-0.03	CO 8
			max M <sub>y</sub>	3.06	-0.08	0.12	-0.01	<b>0.28</b>	-0.03	CO 12
			min M <sub>y</sub>	0.94	0.01	0.29	0.00	<b>-0.07</b>	0.00	CO 9
			max M <sub>z</sub>	1.14	0.02	0.40	0.00	0.21	<b>0.00</b>	CO 17
			min M <sub>z</sub>	2.86	-0.08	0.03	-0.01	0.18	<b>-0.03</b>	CO 10
	1884	1.129	max N	<b>3.18</b>	-0.08	-0.06	-0.01	0.32	0.06	CO 12
			min N	<b>0.88</b>	0.00	0.05	0.00	0.14	0.00	CO 1
			max V <sub>y</sub>	1.40	<b>0.02</b>	0.26	0.00	0.57	-0.02	CO 19
			min V <sub>y</sub>	2.74	<b>-0.09</b>	-0.19	-0.01	-0.01	0.07	CO 8
			max V <sub>z</sub>	1.40	0.02	<b>0.26</b>	0.00	0.57	-0.02	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	2.74	-0.09	<b>-0.19</b>	-0.01	-0.01	0.07	CO 8
			max M <sub>T</sub>	1.27	0.02	0.22	<b>0.00</b>	0.55	-0.01	CO 17
			min M <sub>T</sub>	2.74	-0.09	-0.19	<b>-0.01</b>	-0.01	0.07	CO 8
			max M <sub>y</sub>	1.40	0.02	0.26	0.00	<b>0.57</b>	-0.02	CO 19
			min M <sub>y</sub>	2.74	-0.09	-0.19	-0.01	<b>-0.01</b>	0.07	CO 8
			max M <sub>z</sub>	2.74	-0.09	-0.19	-0.01	-0.01	<b>0.07</b>	CO 8
			min M <sub>z</sub>	1.44	0.02	0.25	0.00	0.49	<b>-0.02</b>	CO 13
	1884	1.129	Max N	<b>3.18</b>	-0.08	-0.06	-0.01	0.32	0.06	CO 12
	1536	0.000	Min N	<b>0.75</b>	0.00	0.23	0.00	-0.01	0.00	CO 1
	1884	1.129	Max V <sub>y</sub>	1.40	<b>0.02</b>	0.26	0.00	0.57	-0.02	CO 19
	1884	1.129	Min V <sub>y</sub>	2.74	<b>-0.09</b>	-0.19	-0.01	-0.01	0.07	CO 8
	1536	0.000	Max V <sub>z</sub>	1.27	0.02	<b>0.44</b>	0.00	0.17	0.00	CO 19
	1884	1.129	Min V <sub>z</sub>	2.74	-0.09	<b>-0.19</b>	-0.01	-0.01	0.07	CO 8
	1536	0.000	Max M <sub>T</sub>	1.14	0.02	0.40	<b>0.00</b>	0.21	0.00	CO 17
	1884	1.129	Min M <sub>T</sub>	2.74	-0.09	-0.19	<b>-0.01</b>	-0.01	0.07	CO 8
	1884	1.129	Max M <sub>y</sub>	1.40	0.02	0.26	0.00	<b>0.57</b>	-0.02	CO 19
	1536	0.000	Min M <sub>y</sub>	0.94	0.01	0.29	0.00	<b>-0.07</b>	0.00	CO 9
	1884	1.129	Max M <sub>z</sub>	2.74	-0.09	-0.19	-0.01	-0.01	<b>0.07</b>	CO 8
	1536	0.000	Min M <sub>z</sub>	2.86	-0.08	0.03	-0.01	0.18	<b>-0.03</b>	CO 10
2164	1884	0.000	max N	<b>-1.35</b>	0.15	1.20	0.02	-0.51	0.09	CO 8
			min N	<b>-81.62</b>	-0.02	-0.15	0.00	0.63	-0.01	CO 17
			max V <sub>y</sub>	-1.35	<b>0.15</b>	1.20	0.02	-0.51	0.09	CO 8
			min V <sub>y</sub>	-62.89	<b>-0.03</b>	-0.14	0.00	0.48	-0.01	CO 13
			max V <sub>z</sub>	-1.35	0.15	<b>1.20</b>	0.02	-0.51	0.09	CO 8
			min V <sub>z</sub>	-79.06	-0.03	<b>-0.18</b>	0.00	0.62	-0.01	CO 19
			max M <sub>T</sub>	-1.35	0.15	1.20	<b>0.02</b>	-0.51	0.09	CO 8
			min M <sub>T</sub>	-81.62	-0.02	-0.15	<b>0.00</b>	0.63	-0.01	CO 17
			max M <sub>y</sub>	-81.62	-0.02	-0.15	0.00	<b>0.63</b>	-0.01	CO 17
			min M <sub>y</sub>	-1.35	0.15	1.20	0.02	<b>-0.51</b>	0.09	CO 8
			max M <sub>z</sub>	-1.35	0.15	1.20	0.02	-0.51	<b>0.09</b>	CO 8
			min M <sub>z</sub>	-62.89	-0.03	-0.14	0.00	0.48	<b>-0.01</b>	CO 13
	1535	1.129	max N	<b>-1.48</b>	0.15	1.03	0.02	0.75	-0.08	CO 8
			min N	<b>-81.75</b>	-0.02	-0.40	0.00	0.32	0.01	CO 17
			max V <sub>y</sub>	-1.48	<b>0.15</b>	1.03	0.02	0.75	-0.08	CO 8
			min V <sub>y</sub>	-63.03	<b>-0.03</b>	-0.36	0.00	0.19	0.02	CO 13
			max V <sub>z</sub>	-1.48	0.15	<b>1.03</b>	0.02	0.75	-0.08	CO 8
			min V <sub>z</sub>	-79.19	-0.03	<b>-0.42</b>	0.00	0.27	0.02	CO 19
			max M <sub>T</sub>	-1.48	0.15	1.03	<b>0.02</b>	0.75	-0.08	CO 8
			min M <sub>T</sub>	-79.19	-0.03	-0.42	<b>0.00</b>	0.27	0.02	CO 19
			max M <sub>y</sub>	-56.14	0.14	0.72	0.01	<b>0.94</b>	-0.08	CO 12
			min M <sub>y</sub>	-8.44	-0.02	-0.07	0.00	<b>0.00</b>	0.02	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-63.03	-0.03	-0.36	0.00	0.19	<b>0.02</b>	CO 13
			min M <sub>z</sub>	-1.48	0.15	1.03	0.02	0.75	<b>-0.08</b>	CO 8
	1884	0.000	Max N	<b>-1.35</b>	0.15	1.20	0.02	-0.51	0.09	CO 8
	1535	1.129	Min N	<b>-81.75</b>	-0.02	-0.40	0.00	0.32	0.01	CO 17
		0.806	Max V <sub>y</sub>	-1.45	<b>0.15</b>	1.08	0.02	0.41	-0.03	CO 8
		0.452	Min V <sub>y</sub>	-62.95	<b>-0.03</b>	-0.23	0.00	0.39	0.00	CO 13
	1884	0.000	Max V <sub>z</sub>	-1.35	0.15	<b>1.20</b>	0.02	-0.51	0.09	CO 8
	1535	1.129	Min V <sub>z</sub>	-79.19	-0.03	<b>-0.42</b>	0.00	0.27	0.02	CO 19
	1535	1.129	Max M <sub>T</sub>	-1.48	0.15	1.03	<b>0.02</b>	0.75	-0.08	CO 8
	1535	1.129	Min M <sub>T</sub>	-79.19	-0.03	-0.42	<b>0.00</b>	0.27	0.02	CO 19
	1535	1.129	Max M <sub>y</sub>	-56.14	0.14	0.72	0.01	<b>0.94</b>	-0.08	CO 12
	1884	0.000	Min M <sub>y</sub>	-1.35	0.15	1.20	0.02	<b>-0.51</b>	0.09	CO 8
	1884	0.000	Max M <sub>z</sub>	-1.35	0.15	1.20	0.02	-0.51	<b>0.09</b>	CO 8
	1535	1.129	Min M <sub>z</sub>	-1.48	0.15	1.03	0.02	0.75	<b>-0.08</b>	CO 8
2165	1535	0.000	max N	<b>77.55</b>	-0.02	-3.75	-0.01	1.20	-0.01	CO 17
			min N	<b>-6.66</b>	0.17	-4.67	0.07	1.34	0.03	CO 8
			max V <sub>y</sub>	-6.66	<b>0.17</b>	-4.67	0.07	1.34	0.03	CO 8
			min V <sub>y</sub>	60.58	<b>-0.03</b>	-2.50	-0.02	0.78	-0.01	CO 13
			max V <sub>z</sub>	9.08	-0.02	<b>0.07</b>	-0.02	-0.03	0.00	CO 9
			min V <sub>z</sub>	44.83	0.16	<b>-7.29</b>	0.07	2.17	0.02	CO 12
			max M <sub>T</sub>	-6.66	0.17	-4.67	<b>0.07</b>	1.34	0.03	CO 8
			min M <sub>T</sub>	60.58	-0.03	-2.50	<b>-0.02</b>	0.78	-0.01	CO 13
			max M <sub>y</sub>	44.83	0.16	-7.29	0.07	<b>2.17</b>	0.02	CO 12
			min M <sub>y</sub>	9.08	-0.02	0.07	-0.02	<b>-0.03</b>	0.00	CO 9
			max M <sub>z</sub>	-6.66	0.17	-4.67	0.07	1.34	<b>0.03</b>	CO 8
			min M <sub>z</sub>	77.55	-0.02	-3.75	-0.01	1.20	<b>-0.01</b>	CO 17
	1860	1.129	max N	<b>77.66</b>	-0.02	-4.07	-0.01	-3.14	0.01	CO 17
			min N	<b>-6.55</b>	0.16	-4.84	0.07	-4.04	-0.16	CO 8
			max V <sub>y</sub>	-6.55	<b>0.16</b>	-4.84	0.07	-4.04	-0.16	CO 8
			min V <sub>y</sub>	60.70	<b>-0.03</b>	-2.76	-0.02	-2.14	0.03	CO 13
			max V <sub>z</sub>	9.21	-0.02	<b>-0.11</b>	-0.02	-0.06	0.02	CO 9
			min V <sub>z</sub>	44.92	0.16	<b>-7.64</b>	0.07	-6.19	-0.15	CO 12
			max M <sub>T</sub>	-6.55	0.16	-4.84	<b>0.07</b>	-4.04	-0.16	CO 8
			min M <sub>T</sub>	60.70	-0.03	-2.76	<b>-0.02</b>	-2.14	0.03	CO 13
			max M <sub>y</sub>	9.21	-0.02	-0.11	-0.02	<b>-0.06</b>	0.02	CO 9
			min M <sub>y</sub>	44.92	0.16	-7.64	0.07	<b>-6.19</b>	-0.15	CO 12
			max M <sub>z</sub>	60.70	-0.03	-2.76	-0.02	-2.14	<b>0.03</b>	CO 13
			min M <sub>z</sub>	-6.55	0.16	-4.84	0.07	-4.04	<b>-0.16</b>	CO 8
	1860	1.129	Max N	<b>77.66</b>	-0.02	-4.07	-0.01	-3.14	0.01	CO 17
	1535	0.000	Min N	<b>-6.66</b>	0.17	-4.67	0.07	1.34	0.03	CO 8
	1535	0.000	Max V <sub>y</sub>	-6.66	<b>0.17</b>	-4.67	0.07	1.34	0.03	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1860	1.129	Min V <sub>y</sub>	60.70	<b>-0.03</b>	-2.76	-0.02	-2.14	0.03	CO 13
	1535	0.000	Max V <sub>z</sub>	9.08	-0.02	<b>0.07</b>	-0.02	-0.03	0.00	CO 9
	1860	1.129	Min V <sub>z</sub>	44.92	0.16	<b>-7.64</b>	0.07	-6.19	-0.15	CO 12
	1535	0.000	Max M <sub>T</sub>	-6.66	0.17	-4.67	<b>0.07</b>	1.34	0.03	CO 8
	1535	0.000	Min M <sub>T</sub>	60.58	-0.03	-2.50	<b>-0.02</b>	0.78	-0.01	CO 13
	1535	0.000	Max M <sub>y</sub>	44.83	0.16	-7.29	0.07	<b>2.17</b>	0.02	CO 12
	1860	1.129	Min M <sub>y</sub>	44.92	0.16	-7.64	0.07	<b>-6.19</b>	-0.15	CO 12
	1535	0.000	Max M <sub>z</sub>	-6.66	0.17	-4.67	0.07	1.34	<b>0.03</b>	CO 8
	1860	1.129	Min M <sub>z</sub>	-6.55	0.16	-4.84	0.07	-4.04	<b>-0.16</b>	CO 8
2168	1648	0.000	max N	<b>-0.93</b>	0.00	-4.07	0.00	1.06	0.00	CO 12
			min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	-0.93	<b>0.00</b>	-4.07	0.00	1.06	0.00	CO 10
			min V <sub>y</sub>	-0.94	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-0.94	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.93	0.00	<b>-4.07</b>	0.00	1.06	0.00	CO 12
			max M <sub>T</sub>	-0.93	0.00	-4.07	<b>0.00</b>	1.06	0.00	CO 12
			min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.93	0.00	-4.07	0.00	<b>1.06</b>	0.00	CO 12
			min M <sub>y</sub>	-0.94	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-0.93	0.00	-4.07	0.00	1.06	<b>0.00</b>	CO 10
			min M <sub>z</sub>	-0.94	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1854	0.522	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1854	0.522	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1648	0.000	Min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1648	0.000	Max V <sub>y</sub>	-0.93	<b>0.00</b>	-4.07	0.00	1.06	0.00	CO 10
	1854	0.522	Min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
	1854	0.522	Max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
	1648	0.000	Min V <sub>z</sub>	-0.93	0.00	<b>-4.07</b>	0.00	1.06	0.00	CO 12
	1648	0.000	Max M <sub>T</sub>	-0.93	0.00	-4.07	<b>0.00</b>	1.06	0.00	CO 12
	1648	0.000	Min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1648	0.000	Max M <sub>y</sub>	-0.93	0.00	-4.07	0.00	<b>1.06</b>	0.00	CO 12
	1854	0.522	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
	1648	0.000	Max M <sub>z</sub>	-0.93	0.00	-4.07	0.00	1.06	<b>0.00</b>	CO 10
	1854	0.522	Min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
2170	1888	0.000	max N	<b>78.38</b>	-0.02	3.53	0.00	-2.76	-0.01	CO 17
			min N	<b>9.25</b>	0.01	0.19	0.01	-0.16	0.01	CO 9
			max V <sub>y</sub>	9.25	<b>0.01</b>	0.19	0.01	-0.16	0.01	CO 9
			min V <sub>y</sub>	64.17	<b>-0.12</b>	-2.02	0.01	1.85	-0.05	CO 12
			max V <sub>z</sub>	78.38	-0.02	<b>3.53</b>	0.00	-2.76	-0.01	CO 17
			min V <sub>z</sub>	12.12	-0.11	<b>-4.14</b>	0.01	3.62	-0.05	CO 8
			max M <sub>T</sub>	12.12	-0.11	-4.14	<b>0.01</b>	3.62	-0.05	CO 8
			min M <sub>T</sub>	12.67	0.00	0.58	<b>0.00</b>	-0.42	0.00	CO 1
			max M <sub>y</sub>	12.12	-0.11	-4.14	0.01	<b>3.62</b>	-0.05	CO 8
			min M <sub>y</sub>	78.38	-0.02	3.53	0.00	<b>-2.76</b>	-0.01	CO 17
			max M <sub>z</sub>	9.25	0.01	0.19	0.01	-0.16	<b>0.01</b>	CO 9
			min M <sub>z</sub>	64.17	-0.12	-2.02	0.01	1.85	<b>-0.05</b>	CO 12
	534	1.129	max N	<b>78.25</b>	-0.02	3.23	0.00	1.00	0.01	CO 17
			min N	<b>9.11</b>	0.01	0.01	0.01	-0.05	0.00	CO 9
			max V <sub>y</sub>	9.11	<b>0.01</b>	0.01	0.01	-0.05	0.00	CO 9
			min V <sub>y</sub>	64.03	<b>-0.12</b>	-2.10	0.01	-0.45	0.08	CO 12
			max V <sub>z</sub>	78.25	-0.02	<b>3.23</b>	0.00	1.00	0.01	CO 17
			min V <sub>z</sub>	12.00	-0.11	<b>-4.29</b>	0.02	-1.12	0.07	CO 8
			max M <sub>T</sub>	12.00	-0.11	-4.29	<b>0.02</b>	-1.12	0.07	CO 8
			min M <sub>T</sub>	12.54	0.00	0.41	<b>0.00</b>	0.13	0.00	CO 1
			max M <sub>y</sub>	78.25	-0.02	3.23	0.00	<b>1.00</b>	0.01	CO 17
			min M <sub>y</sub>	12.00	-0.11	-4.29	0.02	<b>-1.12</b>	0.07	CO 8
			max M <sub>z</sub>	64.03	-0.12	-2.10	0.01	-0.45	<b>0.08</b>	CO 12
			min M <sub>z</sub>	12.54	0.00	0.41	0.00	0.13	<b>0.00</b>	CO 1
	1888	0.000	Max N	<b>78.38</b>	-0.02	3.53	0.00	-2.76	-0.01	CO 17
	534	1.129	Min N	<b>9.11</b>	0.01	0.01	0.01	-0.05	0.00	CO 9
	1888	0.000	Max V <sub>y</sub>	9.25	<b>0.01</b>	0.19	0.01	-0.16	0.01	CO 9
	534	1.129	Min V <sub>y</sub>	64.03	<b>-0.12</b>	-2.10	0.01	-0.45	0.08	CO 12
	1888	0.000	Max V <sub>z</sub>	78.38	-0.02	<b>3.53</b>	0.00	-2.76	-0.01	CO 17
	534	1.129	Min V <sub>z</sub>	12.00	-0.11	<b>-4.29</b>	0.02	-1.12	0.07	CO 8
	534	1.129	Max M <sub>T</sub>	12.00	-0.11	-4.29	<b>0.02</b>	-1.12	0.07	CO 8
		0.452	Min M <sub>T</sub>	12.62	0.00	0.51	<b>0.00</b>	-0.18	0.00	CO 1
	1888	0.000	Max M <sub>y</sub>	12.12	-0.11	-4.14	0.01	<b>3.62</b>	-0.05	CO 8
	1888	0.000	Min M <sub>y</sub>	78.38	-0.02	3.53	0.00	<b>-2.76</b>	-0.01	CO 17
	534	1.129	Max M <sub>z</sub>	64.03	-0.12	-2.10	0.01	-0.45	<b>0.08</b>	CO 12
	1888	0.000	Min M <sub>z</sub>	64.17	-0.12	-2.02	0.01	1.85	<b>-0.05</b>	CO 12
2171	534	0.000	max N	<b>-4.05</b>	-0.09	0.73	-0.02	-0.53	-0.03	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-81.47</b>	-0.01	0.55	0.00	0.21	-0.01	CO 17
			max V <sub>y</sub>	-8.59	<b>0.01</b>	0.10	0.00	-0.02	0.01	CO 9
			min V <sub>y</sub>	-58.45	<b>-0.10</b>	1.10	-0.03	-0.41	-0.04	CO 12
			max V <sub>z</sub>	-58.45	-0.10	<b>1.10</b>	-0.03	-0.41	-0.04	CO 12
			min V <sub>z</sub>	-12.63	0.00	<b>0.05</b>	0.00	0.06	0.00	CO 1
			max M <sub>T</sub>	-12.63	0.00	0.05	<b>0.00</b>	0.06	0.00	CO 1
			min M <sub>T</sub>	-58.45	-0.10	1.10	<b>-0.03</b>	-0.41	-0.04	CO 12
			max M <sub>y</sub>	-81.47	-0.01	0.55	0.00	<b>0.21</b>	-0.01	CO 17
			min M <sub>y</sub>	-4.05	-0.09	0.73	-0.02	<b>-0.53</b>	-0.03	CO 8
			max M <sub>z</sub>	-8.59	0.01	0.10	0.00	-0.02	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-58.45	-0.10	1.10	-0.03	-0.41	<b>-0.04</b>	CO 12
	1893	1.129	max N	<b>-3.92</b>	-0.09	0.55	-0.02	0.19	0.07	CO 8
			min N	<b>-81.35</b>	-0.01	0.29	0.00	0.69	0.01	CO 17
			max V <sub>y</sub>	-8.46	<b>0.01</b>	-0.08	0.00	-0.01	0.00	CO 9
			min V <sub>y</sub>	-58.32	<b>-0.10</b>	0.90	-0.03	0.73	0.08	CO 12
			max V <sub>z</sub>	-58.32	-0.10	<b>0.90</b>	-0.03	0.73	0.08	CO 12
			min V <sub>z</sub>	-12.50	0.00	<b>-0.14</b>	0.00	0.01	0.00	CO 1
			max M <sub>T</sub>	-12.50	0.00	-0.14	<b>0.00</b>	0.01	0.00	CO 1
			min M <sub>T</sub>	-58.32	-0.10	0.90	<b>-0.03</b>	0.73	0.08	CO 12
			max M <sub>y</sub>	-76.17	-0.07	0.71	-0.02	<b>0.80</b>	0.06	CO 18
			min M <sub>y</sub>	-8.46	0.01	-0.08	0.00	<b>-0.01</b>	0.00	CO 9
			max M <sub>z</sub>	-58.32	-0.10	0.90	-0.03	0.73	<b>0.08</b>	CO 12
			min M <sub>z</sub>	-8.46	0.01	-0.08	0.00	-0.01	<b>0.00</b>	CO 9
	1893	1.129	Max N	<b>-3.92</b>	-0.09	0.55	-0.02	0.19	0.07	CO 8
	534	0.000	Min N	<b>-81.47</b>	-0.01	0.55	0.00	0.21	-0.01	CO 17
	1893	1.129	Max V <sub>y</sub>	-8.46	<b>0.01</b>	-0.08	0.00	-0.01	0.00	CO 9
		0.452	Min V <sub>y</sub>	-58.40	<b>-0.10</b>	1.04	-0.03	0.07	0.01	CO 12
	534	0.000	Max V <sub>z</sub>	-58.45	-0.10	<b>1.10</b>	-0.03	-0.41	-0.04	CO 12
	1893	1.129	Min V <sub>z</sub>	-12.50	0.00	<b>-0.14</b>	0.00	0.01	0.00	CO 1
	1893	1.129	Max M <sub>T</sub>	-12.50	0.00	-0.14	<b>0.00</b>	0.01	0.00	CO 1
	534	0.000	Min M <sub>T</sub>	-58.45	-0.10	1.10	<b>-0.03</b>	-0.41	-0.04	CO 12
	1893	1.129	Max M <sub>y</sub>	-76.17	-0.07	0.71	-0.02	<b>0.80</b>	0.06	CO 18
	534	0.000	Min M <sub>y</sub>	-4.05	-0.09	0.73	-0.02	<b>-0.53</b>	-0.03	CO 8
	1893	1.129	Max M <sub>z</sub>	-58.32	-0.10	0.90	-0.03	0.73	<b>0.08</b>	CO 12
	534	0.000	Min M <sub>z</sub>	-58.45	-0.10	1.10	-0.03	-0.41	<b>-0.04</b>	CO 12
2172	1893	0.000	max N	<b>1.63</b>	0.01	-0.35	0.01	0.52	0.01	CO 13
			min N	<b>-1.76</b>	0.10	-0.29	0.03	0.25	0.08	CO 8
			max V <sub>y</sub>	-1.45	<b>0.11</b>	-0.48	0.03	0.59	0.09	CO 12
			min V <sub>y</sub>	1.25	<b>0.00</b>	-0.16	0.00	0.17	0.00	CO 9
			max V <sub>z</sub>	0.89	0.00	<b>-0.06</b>	0.00	0.15	0.00	CO 1
			min V <sub>z</sub>	-1.45	0.11	<b>-0.48</b>	0.03	0.59	0.09	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-1.45	0.11	-0.48	<b>0.03</b>	0.59	0.09	CO 12
			min M <sub>T</sub>	0.89	0.00	-0.06	<b>0.00</b>	0.15	0.00	CO 1
			max M <sub>y</sub>	-0.33	0.08	-0.44	0.02	<b>0.65</b>	0.06	CO 18
			min M <sub>y</sub>	0.89	0.00	-0.06	0.00	<b>0.15</b>	0.00	CO 1
			max M <sub>z</sub>	-1.45	0.11	-0.48	0.03	0.59	<b>0.09</b>	CO 12
			min M <sub>z</sub>	1.25	0.00	-0.16	0.00	0.17	<b>0.00</b>	CO 9
	538	1.129	max N	<b>1.49</b>	0.01	-0.52	0.01	0.02	0.00	CO 13
			min N	<b>-1.90</b>	0.10	-0.46	0.03	-0.17	-0.03	CO 8
			max V <sub>y</sub>	-1.58	<b>0.12</b>	-0.65	0.03	-0.04	-0.04	CO 12
			min V <sub>y</sub>	1.12	<b>0.00</b>	-0.33	0.00	-0.10	0.00	CO 9
			max V <sub>z</sub>	0.76	0.00	<b>-0.24</b>	0.00	-0.02	0.00	CO 1
			min V <sub>z</sub>	-1.58	0.12	<b>-0.65</b>	0.03	-0.04	-0.04	CO 12
			max M <sub>T</sub>	-1.58	0.12	-0.65	<b>0.03</b>	-0.04	-0.04	CO 12
			min M <sub>T</sub>	0.76	0.00	-0.24	<b>0.00</b>	-0.02	0.00	CO 1
			max M <sub>y</sub>	1.16	0.02	-0.48	0.00	<b>0.14</b>	-0.01	CO 17
			min M <sub>y</sub>	-1.90	0.10	-0.46	0.03	<b>-0.17</b>	-0.03	CO 8
			max M <sub>z</sub>	1.12	0.00	-0.33	0.00	-0.10	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-1.58	0.12	-0.65	0.03	-0.04	<b>-0.04</b>	CO 12
	1893	0.000	Max N	<b>1.63</b>	0.01	-0.35	0.01	0.52	0.01	CO 13
	538	1.129	Min N	<b>-1.90</b>	0.10	-0.46	0.03	-0.17	-0.03	CO 8
		0.677	Max V <sub>y</sub>	-1.53	<b>0.12</b>	-0.58	0.03	0.23	0.02	CO 12
	1893	0.000	Min V <sub>y</sub>	1.25	<b>0.00</b>	-0.16	0.00	0.17	0.00	CO 9
	1893	0.000	Max V <sub>z</sub>	0.89	0.00	<b>-0.06</b>	0.00	0.15	0.00	CO 1
	538	1.129	Min V <sub>z</sub>	-1.58	0.12	<b>-0.65</b>	0.03	-0.04	-0.04	CO 12
	1893	0.000	Max M <sub>T</sub>	-1.45	0.11	-0.48	<b>0.03</b>	0.59	0.09	CO 12
	538	1.129	Min M <sub>T</sub>	0.76	0.00	-0.24	<b>0.00</b>	-0.02	0.00	CO 1
	1893	0.000	Max M <sub>y</sub>	-0.33	0.08	-0.44	0.02	<b>0.65</b>	0.06	CO 18
	538	1.129	Min M <sub>y</sub>	-1.90	0.10	-0.46	0.03	<b>-0.17</b>	-0.03	CO 8
	1893	0.000	Max M <sub>z</sub>	-1.45	0.11	-0.48	0.03	0.59	<b>0.09</b>	CO 12
	538	1.129	Min M <sub>z</sub>	-1.58	0.12	-0.65	0.03	-0.04	<b>-0.04</b>	CO 12
2173	538	0.000	max N	<b>3.09</b>	0.04	-0.04	0.00	0.16	0.05	CO 8
			min N	<b>-0.24</b>	0.00	0.71	0.00	-0.02	0.01	CO 19
			max V <sub>y</sub>	2.94	<b>0.04</b>	0.12	0.00	0.21	0.06	CO 14
			min V <sub>y</sub>	0.27	<b>-0.01</b>	0.42	0.00	-0.16	0.00	CO 9
			max V <sub>z</sub>	-0.24	0.00	<b>0.71</b>	0.00	-0.02	0.01	CO 19
			min V <sub>z</sub>	3.09	0.04	<b>-0.04</b>	0.00	0.16	0.05	CO 8
			max M <sub>T</sub>	0.49	0.00	0.26	<b>0.00</b>	-0.04	0.00	CO 1
			min M <sub>T</sub>	2.86	0.04	0.07	<b>0.00</b>	0.19	0.06	CO 10
			max M <sub>y</sub>	2.66	0.04	0.23	0.00	<b>0.23</b>	0.06	CO 12
			min M <sub>y</sub>	0.27	-0.01	0.42	0.00	<b>-0.16</b>	0.00	CO 9
			max M <sub>z</sub>	2.66	0.04	0.23	0.00	0.23	<b>0.06</b>	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	0.49	0.00	0.26	0.00	-0.04	<b>0.00</b>	CO 1
	1891	1.129	max N	<b>3.22</b>	0.04	-0.22	0.00	0.01	0.01	CO 8
			min N	<b>-0.12</b>	0.00	0.53	0.00	0.68	0.01	CO 19
			max V <sub>y</sub>	3.06	<b>0.04</b>	-0.06	0.00	0.25	0.01	CO 14
			min V <sub>y</sub>	0.39	<b>-0.01</b>	0.24	0.00	0.21	0.01	CO 9
			max V <sub>z</sub>	-0.12	0.00	<b>0.53</b>	0.00	0.68	0.01	CO 19
			min V <sub>z</sub>	3.22	0.04	<b>-0.22</b>	0.00	0.01	0.01	CO 8
			max M <sub>T</sub>	0.62	0.00	0.08	<b>0.00</b>	0.16	0.00	CO 1
			min M <sub>T</sub>	2.98	0.04	-0.11	<b>0.00</b>	0.16	0.01	CO 10
			max M <sub>y</sub>	-0.12	0.00	0.53	0.00	<b>0.68</b>	0.01	CO 19
			min M <sub>y</sub>	3.22	0.04	-0.22	0.00	<b>0.01</b>	0.01	CO 8
			max M <sub>z</sub>	2.79	0.04	0.05	0.00	0.40	<b>0.02</b>	CO 12
			min M <sub>z</sub>	0.62	0.00	0.08	0.00	0.16	<b>0.00</b>	CO 1
	1891	1.129	Max N	<b>3.22</b>	0.04	-0.22	0.00	0.01	0.01	CO 8
	538	0.000	Min N	<b>-0.24</b>	0.00	0.71	0.00	-0.02	0.01	CO 19
	538	0.000	Max V <sub>y</sub>	2.94	<b>0.04</b>	0.12	0.00	0.21	0.06	CO 14
	538	0.000	Min V <sub>y</sub>	0.27	<b>-0.01</b>	0.42	0.00	-0.16	0.00	CO 9
	538	0.000	Max V <sub>z</sub>	-0.24	0.00	<b>0.71</b>	0.00	-0.02	0.01	CO 19
	1891	1.129	Min V <sub>z</sub>	3.22	0.04	<b>-0.22</b>	0.00	0.01	0.01	CO 8
	1891	1.129	Max M <sub>T</sub>	0.62	0.00	0.08	<b>0.00</b>	0.16	0.00	CO 1
	538	0.000	Min M <sub>T</sub>	2.86	0.04	0.07	<b>0.00</b>	0.19	0.06	CO 10
	1891	1.129	Max M <sub>y</sub>	-0.12	0.00	0.53	0.00	<b>0.68</b>	0.01	CO 19
	538	0.000	Min M <sub>y</sub>	0.27	-0.01	0.42	0.00	<b>-0.16</b>	0.00	CO 9
	538	0.000	Max M <sub>z</sub>	2.66	0.04	0.23	0.00	0.23	<b>0.06</b>	CO 12
	1891	1.129	Min M <sub>z</sub>	0.62	0.00	0.08	0.00	0.16	<b>0.00</b>	CO 1
2174	1891	0.000	max N	<b>-7.03</b>	0.01	-0.18	0.00	0.08	0.00	CO 9
			min N	<b>-79.41</b>	-0.01	-0.11	0.00	0.59	-0.01	CO 18
			max V <sub>y</sub>	-60.00	<b>0.01</b>	-0.78	0.00	0.70	0.01	CO 13
			min V <sub>y</sub>	-12.31	<b>-0.01</b>	1.00	0.00	-0.33	-0.01	CO 8
			max V <sub>z</sub>	-12.31	-0.01	<b>1.00</b>	0.00	-0.33	-0.01	CO 8
			min V <sub>z</sub>	-76.15	0.01	<b>-0.82</b>	0.00	0.84	0.00	CO 19
			max M <sub>T</sub>	-32.40	-0.01	0.73	<b>0.00</b>	-0.07	-0.01	CO 10
			min M <sub>T</sub>	-12.06	0.00	0.06	<b>0.00</b>	0.04	0.00	CO 1
			max M <sub>y</sub>	-76.15	0.01	-0.82	0.00	<b>0.84</b>	0.00	CO 19
			min M <sub>y</sub>	-12.31	-0.01	1.00	0.00	<b>-0.33</b>	-0.01	CO 8
			max M <sub>z</sub>	-60.00	0.01	-0.78	0.00	0.70	<b>0.01</b>	CO 13
			min M <sub>z</sub>	-65.39	-0.01	0.41	0.00	0.29	<b>-0.02</b>	CO 12
	537	1.129	max N	<b>-7.16</b>	0.01	-0.35	0.00	-0.22	-0.01	CO 9
			min N	<b>-79.54</b>	-0.01	-0.36	0.00	0.33	0.00	CO 18
			max V <sub>y</sub>	-60.13	<b>0.01</b>	-0.98	0.00	-0.31	-0.01	CO 13
			min V <sub>y</sub>	-45.41	<b>-0.01</b>	0.47	0.00	0.69	0.00	CO 14

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-12.44	-0.01	<b>0.82</b>	0.00	0.71	0.00	CO 8
			min V <sub>z</sub>	-76.29	0.01	<b>-1.04</b>	0.00	-0.23	-0.01	CO 19
			max M <sub>T</sub>	-32.53	-0.01	0.53	<b>0.00</b>	0.64	0.00	CO 10
			min M <sub>T</sub>	-12.19	0.00	-0.12	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-12.44	-0.01	0.82	0.00	<b>0.71</b>	0.00	CO 8
			min M <sub>y</sub>	-60.13	0.01	-0.98	0.00	<b>-0.31</b>	-0.01	CO 13
			max M <sub>z</sub>	-59.25	0.00	-0.62	0.00	-0.03	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-60.13	0.01	-0.98	0.00	-0.31	<b>-0.01</b>	CO 13
	1891	0.000	Max N	<b>-7.03</b>	0.01	-0.18	0.00	0.08	0.00	CO 9
	537	1.129	Min N	<b>-79.54</b>	-0.01	-0.36	0.00	0.33	0.00	CO 18
		0.452	Max V <sub>y</sub>	-60.05	<b>0.01</b>	-0.87	0.00	0.32	0.00	CO 13
	537	1.129	Min V <sub>y</sub>	-45.41	<b>-0.01</b>	0.47	0.00	0.69	0.00	CO 14
	1891	0.000	Max V <sub>z</sub>	-12.31	-0.01	<b>1.00</b>	0.00	-0.33	-0.01	CO 8
	537	1.129	Min V <sub>z</sub>	-76.29	0.01	<b>-1.04</b>	0.00	-0.23	-0.01	CO 19
	537	1.129	Max M <sub>T</sub>	-32.53	-0.01	0.53	<b>0.00</b>	0.64	0.00	CO 10
	537	1.129	Min M <sub>T</sub>	-12.19	0.00	-0.12	<b>0.00</b>	0.00	0.00	CO 1
	1891	0.000	Max M <sub>y</sub>	-76.15	0.01	-0.82	0.00	<b>0.84</b>	0.00	CO 19
	1891	0.000	Min M <sub>y</sub>	-12.31	-0.01	1.00	0.00	<b>-0.33</b>	-0.01	CO 8
	1891	0.000	Max M <sub>z</sub>	-60.00	0.01	-0.78	0.00	0.70	<b>0.01</b>	CO 13
	1891	0.000	Min M <sub>z</sub>	-65.39	-0.01	0.41	0.00	0.29	<b>-0.02</b>	CO 12
2175	537	0.000	max N	<b>80.12</b>	0.00	-0.94	0.00	0.38	0.00	CO 17
			min N	<b>4.50</b>	0.03	-4.79	0.02	1.36	0.01	CO 8
			max V <sub>y</sub>	57.69	<b>0.03</b>	-5.54	0.02	1.65	0.01	CO 12
			min V <sub>y</sub>	12.90	<b>0.00</b>	0.05	0.00	0.01	0.00	CO 1
			max V <sub>z</sub>	10.36	0.01	<b>1.51</b>	0.01	-0.46	0.01	CO 9
			min V <sub>z</sub>	57.69	0.03	<b>-5.54</b>	0.02	1.65	0.01	CO 12
			max M <sub>T</sub>	57.69	0.03	-5.54	<b>0.02</b>	1.65	0.01	CO 12
			min M <sub>T</sub>	12.90	0.00	0.05	<b>0.00</b>	0.01	0.00	CO 1
			max M <sub>y</sub>	57.69	0.03	-5.54	0.02	<b>1.65</b>	0.01	CO 12
			min M <sub>y</sub>	10.36	0.01	1.51	0.01	<b>-0.46</b>	0.01	CO 9
			max M <sub>z</sub>	57.69	0.03	-5.54	0.02	1.65	<b>0.01</b>	CO 12
			min M <sub>z</sub>	12.90	0.00	0.05	0.00	0.01	<b>0.00</b>	CO 1
	1887	1.129	max N	<b>80.24</b>	0.00	-1.14	0.00	-0.77	0.00	CO 17
			min N	<b>4.61</b>	0.02	-4.98	0.02	-4.15	-0.02	CO 8
			max V <sub>y</sub>	57.79	<b>0.03</b>	-5.90	0.02	-4.73	-0.02	CO 12
			min V <sub>y</sub>	13.02	<b>0.00</b>	-0.13	0.00	-0.03	0.00	CO 1
			max V <sub>z</sub>	10.48	0.01	<b>1.34</b>	0.01	1.14	-0.01	CO 9
			min V <sub>z</sub>	57.79	0.03	<b>-5.90</b>	0.02	-4.73	-0.02	CO 12
			max M <sub>T</sub>	57.79	0.03	-5.90	<b>0.02</b>	-4.73	-0.02	CO 12
			min M <sub>T</sub>	13.02	0.00	-0.13	<b>0.00</b>	-0.03	0.00	CO 1
			max M <sub>y</sub>	31.06	0.02	1.33	0.01	<b>1.16</b>	-0.01	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	57.79	0.03	-5.90	0.02	<b>-4.73</b>	-0.02	CO 12
			max M <sub>z</sub>	13.02	0.00	-0.13	0.00	-0.03	<b>0.00</b>	CO 1
			min M <sub>z</sub>	25.18	0.03	-5.09	0.02	-4.17	<b>-0.02</b>	CO 10
	1887	1.129	Max N	<b>80.24</b>	0.00	-1.14	0.00	-0.77	0.00	CO 17
	537	0.000	Min N	<b>4.50</b>	0.03	-4.79	0.02	1.36	0.01	CO 8
	537	0.000	Max V <sub>y</sub>	57.69	<b>0.03</b>	-5.54	0.02	1.65	0.01	CO 12
		0.903	Min V <sub>y</sub>	13.00	<b>0.00</b>	-0.09	0.00	-0.01	0.00	CO 1
	537	0.000	Max V <sub>z</sub>	10.36	0.01	<b>1.51</b>	0.01	-0.46	0.01	CO 9
	1887	1.129	Min V <sub>z</sub>	57.79	0.03	<b>-5.90</b>	0.02	-4.73	-0.02	CO 12
	537	0.000	Max M <sub>T</sub>	57.69	0.03	-5.54	<b>0.02</b>	1.65	0.01	CO 12
	1887	1.129	Min M <sub>T</sub>	13.02	0.00	-0.13	<b>0.00</b>	-0.03	0.00	CO 1
	537	0.000	Max M <sub>y</sub>	57.69	0.03	-5.54	0.02	<b>1.65</b>	0.01	CO 12
	1887	1.129	Min M <sub>y</sub>	57.79	0.03	-5.90	0.02	<b>-4.73</b>	-0.02	CO 12
	537	0.000	Max M <sub>z</sub>	57.69	0.03	-5.54	0.02	1.65	<b>0.01</b>	CO 12
	1887	1.129	Min M <sub>z</sub>	25.18	0.03	-5.09	0.02	-4.17	<b>-0.02</b>	CO 10
2176	1889	0.000	max N	<b>65.79</b>	0.00	2.59	0.00	-2.08	-0.01	CO 17
			min N	<b>5.70</b>	0.01	-0.26	0.01	0.17	0.01	CO 9
			max V <sub>y</sub>	8.51	<b>0.02</b>	-4.37	0.01	3.79	0.03	CO 8
			min V <sub>y</sub>	65.79	<b>0.00</b>	2.59	0.00	-2.08	-0.01	CO 17
			max V <sub>z</sub>	65.79	0.00	<b>2.59</b>	0.00	-2.08	-0.01	CO 17
			min V <sub>z</sub>	8.51	0.02	<b>-4.37</b>	0.01	3.79	0.03	CO 8
			max M <sub>T</sub>	8.51	0.02	-4.37	<b>0.01</b>	3.79	0.03	CO 8
			min M <sub>T</sub>	65.79	0.00	2.59	<b>0.00</b>	-2.08	-0.01	CO 17
			max M <sub>y</sub>	8.51	0.02	-4.37	0.01	<b>3.79</b>	0.03	CO 8
			min M <sub>y</sub>	65.79	0.00	2.59	0.00	<b>-2.08</b>	-0.01	CO 17
			max M <sub>z</sub>	8.51	0.02	-4.37	0.01	3.79	<b>0.03</b>	CO 8
			min M <sub>z</sub>	65.79	0.00	2.59	0.00	-2.08	<b>-0.01</b>	CO 17
	536	1.129	max N	<b>65.66</b>	0.00	2.33	0.00	0.66	0.00	CO 17
			min N	<b>5.56</b>	0.01	-0.43	0.01	-0.22	0.01	CO 9
			max V <sub>y</sub>	8.39	<b>0.02</b>	-4.52	0.01	-1.22	0.01	CO 8
			min V <sub>y</sub>	63.69	<b>0.00</b>	1.93	0.00	0.50	0.00	CO 19
			max V <sub>z</sub>	65.66	0.00	<b>2.33</b>	0.00	0.66	0.00	CO 17
			min V <sub>z</sub>	8.39	0.02	<b>-4.52</b>	0.01	-1.22	0.01	CO 8
			max M <sub>T</sub>	8.39	0.02	-4.52	<b>0.01</b>	-1.22	0.01	CO 8
			min M <sub>T</sub>	65.66	0.00	2.33	<b>0.00</b>	0.66	0.00	CO 17
			max M <sub>y</sub>	65.66	0.00	2.33	0.00	<b>0.66</b>	0.00	CO 17
			min M <sub>y</sub>	8.39	0.02	-4.52	0.01	<b>-1.22</b>	0.01	CO 8
			max M <sub>z</sub>	8.39	0.02	-4.52	0.01	-1.22	<b>0.01</b>	CO 8
			min M <sub>z</sub>	65.66	0.00	2.33	0.00	0.66	<b>0.00</b>	CO 17
	1889	0.000	Max N	<b>65.79</b>	0.00	2.59	0.00	-2.08	-0.01	CO 17
	536	1.129	Min N	<b>5.56</b>	0.01	-0.43	0.01	-0.22	0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1889	0.000	Max V <sub>y</sub>	8.51	<b>0.02</b>	-4.37	0.01	3.79	0.03	CO 8
	1889	0.000	Min V <sub>y</sub>	65.79	<b>0.00</b>	2.59	0.00	-2.08	-0.01	CO 17
	1889	0.000	Max V <sub>z</sub>	65.79	0.00	<b>2.59</b>	0.00	-2.08	-0.01	CO 17
	536	1.129	Min V <sub>z</sub>	8.39	0.02	<b>-4.52</b>	0.01	-1.22	0.01	CO 8
	536	1.129	Max M <sub>T</sub>	8.39	0.02	-4.52	<b>0.01</b>	-1.22	0.01	CO 8
	1889	0.000	Min M <sub>T</sub>	65.79	0.00	2.59	<b>0.00</b>	-2.08	-0.01	CO 17
	1889	0.000	Max M <sub>y</sub>	8.51	0.02	-4.37	0.01	<b>3.79</b>	0.03	CO 8
	1889	0.000	Min M <sub>y</sub>	65.79	0.00	2.59	0.00	<b>-2.08</b>	-0.01	CO 17
	1889	0.000	Max M <sub>z</sub>	8.51	0.02	-4.37	0.01	3.79	<b>0.03</b>	CO 8
	1889	0.000	Min M <sub>z</sub>	65.79	0.00	2.59	0.00	-2.08	<b>-0.01</b>	CO 17
2178	536	0.000	max N	<b>0.02</b>	0.02	0.87	0.00	-0.60	0.01	CO 8
			min N	<b>-67.14</b>	0.00	1.03	0.00	-0.03	0.00	CO 17
			max V <sub>y</sub>	0.02	<b>0.02</b>	0.87	0.00	-0.60	0.01	CO 8
			min V <sub>y</sub>	-67.14	<b>0.00</b>	1.03	0.00	-0.03	0.00	CO 17
			max V <sub>z</sub>	-46.30	0.01	<b>1.54</b>	0.00	-0.63	0.00	CO 12
			min V <sub>z</sub>	-8.55	0.00	<b>0.17</b>	0.00	0.01	0.00	CO 1
			max M <sub>T</sub>	-46.30	0.01	1.54	<b>0.00</b>	-0.63	0.00	CO 12
			min M <sub>T</sub>	-50.50	0.00	0.97	<b>0.00</b>	-0.16	0.00	CO 13
			max M <sub>y</sub>	-8.55	0.00	0.17	0.00	<b>0.01</b>	0.00	CO 1
			min M <sub>y</sub>	-46.30	0.01	1.54	0.00	<b>-0.63</b>	0.00	CO 12
			max M <sub>z</sub>	0.02	0.02	0.87	0.00	-0.60	<b>0.01</b>	CO 8
			min M <sub>z</sub>	-67.14	0.00	1.03	0.00	-0.03	<b>0.00</b>	CO 17
	1894	1.129	max N	<b>0.14</b>	0.02	0.69	0.00	0.28	-0.01	CO 8
			min N	<b>-67.02</b>	0.00	0.78	0.00	1.00	0.00	CO 17
			max V <sub>y</sub>	0.14	<b>0.02</b>	0.69	0.00	0.28	-0.01	CO 8
			min V <sub>y</sub>	-67.02	<b>0.00</b>	0.78	0.00	1.00	0.00	CO 17
			max V <sub>z</sub>	-46.17	0.01	<b>1.34</b>	0.00	1.00	-0.01	CO 12
			min V <sub>z</sub>	-8.42	0.00	<b>-0.01</b>	0.00	0.10	0.00	CO 1
			max M <sub>T</sub>	-46.17	0.01	1.34	<b>0.00</b>	1.00	-0.01	CO 12
			min M <sub>T</sub>	-50.37	0.00	0.76	<b>0.00</b>	0.82	0.00	CO 13
			max M <sub>y</sub>	-61.84	0.00	1.21	0.00	<b>1.12</b>	0.00	CO 18
			min M <sub>y</sub>	-8.42	0.00	-0.01	0.00	<b>0.10</b>	0.00	CO 1
			max M <sub>z</sub>	-64.36	0.00	0.86	0.00	1.01	<b>0.00</b>	CO 19
			min M <sub>z</sub>	0.14	0.02	0.69	0.00	0.28	<b>-0.01</b>	CO 8
	1894	1.129	Max N	<b>0.14</b>	0.02	0.69	0.00	0.28	-0.01	CO 8
	536	0.000	Min N	<b>-67.14</b>	0.00	1.03	0.00	-0.03	0.00	CO 17
	1894	1.129	Max V <sub>y</sub>	0.14	<b>0.02</b>	0.69	0.00	0.28	-0.01	CO 8
		0.677	Min V <sub>y</sub>	-67.07	<b>0.00</b>	0.90	0.00	0.62	0.00	CO 17
	536	0.000	Max V <sub>z</sub>	-46.30	0.01	<b>1.54</b>	0.00	-0.63	0.00	CO 12
	1894	1.129	Min V <sub>z</sub>	-8.42	0.00	<b>-0.01</b>	0.00	0.10	0.00	CO 1
	536	0.000	Max M <sub>T</sub>	-46.30	0.01	1.54	<b>0.00</b>	-0.63	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1894	1.129	Min M <sub>T</sub>	-50.37	0.00	0.76	<b>0.00</b>	0.82	0.00	CO 13
	1894	1.129	Max M <sub>y</sub>	-61.84	0.00	1.21	0.00	<b>1.12</b>	0.00	CO 18
	536	0.000	Min M <sub>y</sub>	-46.30	0.01	1.54	0.00	<b>-0.63</b>	0.00	CO 12
	536	0.000	Max M <sub>z</sub>	0.02	0.02	0.87	0.00	-0.60	<b>0.01</b>	CO 8
	1894	1.129	Min M <sub>z</sub>	0.14	0.02	0.69	0.00	0.28	<b>-0.01</b>	CO 8
2181	1894	0.000	max N	<b>0.84</b>	0.00	-0.05	0.00	0.04	0.00	CO 9
			min N	<b>-2.29</b>	0.00	-0.05	0.00	0.18	0.00	CO 12
			max V <sub>y</sub>	0.61	<b>0.00</b>	0.03	0.00	0.12	0.00	CO 13
			min V <sub>y</sub>	0.84	<b>0.00</b>	-0.05	0.00	0.04	0.00	CO 9
			max V <sub>z</sub>	0.28	0.00	<b>0.21</b>	0.00	0.09	0.00	CO 17
			min V <sub>z</sub>	-1.99	0.00	<b>-0.14</b>	0.00	0.11	0.00	CO 8
			max M <sub>T</sub>	0.61	0.00	0.03	<b>0.00</b>	0.12	0.00	CO 13
			min M <sub>T</sub>	-2.29	0.00	-0.05	<b>0.00</b>	0.18	0.00	CO 12
			max M <sub>y</sub>	-2.29	0.00	-0.05	0.00	<b>0.18</b>	0.00	CO 12
			min M <sub>y</sub>	0.62	0.00	0.10	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-1.99	0.00	-0.14	0.00	0.11	<b>0.00</b>	CO 8
			min M <sub>z</sub>	0.28	0.00	0.21	0.00	-0.09	<b>0.00</b>	CO 17
	548	1.129	max N	<b>0.71</b>	0.00	-0.23	0.00	-0.11	0.00	CO 9
			min N	<b>-2.42</b>	0.00	-0.22	0.00	0.02	0.00	CO 12
			max V <sub>y</sub>	0.48	<b>0.00</b>	-0.14	0.00	0.05	0.00	CO 13
			min V <sub>y</sub>	0.49	<b>0.00</b>	-0.07	0.00	0.02	0.00	CO 1
			max V <sub>z</sub>	0.15	0.00	<b>0.04</b>	0.00	0.23	0.00	CO 17
			min V <sub>z</sub>	-2.13	0.00	<b>-0.31</b>	0.00	-0.15	0.00	CO 8
			max M <sub>T</sub>	0.48	0.00	-0.14	<b>0.00</b>	0.05	0.00	CO 13
			min M <sub>T</sub>	-2.42	0.00	-0.22	<b>0.00</b>	0.02	0.00	CO 12
			max M <sub>y</sub>	0.15	0.00	0.04	0.00	<b>0.23</b>	0.00	CO 17
			min M <sub>y</sub>	-2.13	0.00	-0.31	0.00	<b>-0.15</b>	0.00	CO 8
			max M <sub>z</sub>	-2.13	0.00	-0.31	0.00	-0.15	<b>0.00</b>	CO 8
			min M <sub>z</sub>	0.15	0.00	0.04	0.00	0.23	<b>0.00</b>	CO 17
	1894	0.000	Max N	<b>0.84</b>	0.00	-0.05	0.00	0.04	0.00	CO 9
	548	1.129	Min N	<b>-2.42</b>	0.00	-0.22	0.00	0.02	0.00	CO 12
	548	1.129	Max V <sub>y</sub>	0.48	<b>0.00</b>	-0.14	0.00	0.05	0.00	CO 13
	1894	0.000	Min V <sub>y</sub>	0.84	<b>0.00</b>	-0.05	0.00	0.04	0.00	CO 9
	1894	0.000	Max V <sub>z</sub>	0.28	0.00	<b>0.21</b>	0.00	0.09	0.00	CO 17
	548	1.129	Min V <sub>z</sub>	-2.13	0.00	<b>-0.31</b>	0.00	-0.15	0.00	CO 8
		0.226	Max M <sub>T</sub>	0.58	0.00	0.00	<b>0.00</b>	0.12	0.00	CO 13
	1894	0.000	Min M <sub>T</sub>	-2.29	0.00	-0.05	<b>0.00</b>	0.18	0.00	CO 12
	548	1.129	Max M <sub>y</sub>	0.15	0.00	0.04	0.00	<b>0.23</b>	0.00	CO 17
	548	1.129	Min M <sub>y</sub>	-2.13	0.00	-0.31	0.00	<b>-0.15</b>	0.00	CO 8
	1894	0.000	Max M <sub>z</sub>	-1.99	0.00	-0.14	0.00	0.11	<b>0.00</b>	CO 8
	548	1.129	Min M <sub>z</sub>	0.15	0.00	0.04	0.00	0.23	<b>0.00</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
2182	1859	0.000	max N	<b>-1.79</b>	0.00	7.80	0.00	-3.90	0.00	CO 8
			min N	<b>-1.80</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	-1.79	<b>0.00</b>	7.80	0.00	-3.90	0.00	CO 12
			max V <sub>z</sub>	-1.79	0.00	<b>7.80</b>	0.00	-3.90	0.00	CO 8
			min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
			max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-1.79	0.00	7.80	<b>0.00</b>	-3.90	0.00	CO 8
			max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-1.79	0.00	7.80	0.00	<b>-3.90</b>	0.00	CO 8
			max M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-1.79	0.00	7.80	0.00	-3.90	<b>0.00</b>	CO 12
	1862	1.000	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1862	1.000	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1859	0.000	Min N	<b>-1.80</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1859	0.000	Max V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
	1859	0.000	Min V <sub>y</sub>	-1.79	<b>0.00</b>	7.80	0.00	-3.90	0.00	CO 12
	1859	0.000	Max V <sub>z</sub>	-1.79	0.00	<b>7.80</b>	0.00	-3.90	0.00	CO 8
	1859	0.000	Min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
	1859	0.000	Max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	1859	0.000	Min M <sub>T</sub>	-1.79	0.00	7.80	<b>0.00</b>	-3.90	0.00	CO 8
	1859	0.000	Max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
	1859	0.000	Min M <sub>y</sub>	-1.79	0.00	7.80	0.00	<b>-3.90</b>	0.00	CO 8
	1859	0.000	Max M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1859	0.000	Min M <sub>z</sub>	-1.79	0.00	7.80	0.00	-3.90	<b>0.00</b>	CO 12
2183	548	0.000	max N	<b>3.06</b>	0.00	-0.21	0.00	0.20	-0.01	CO 8
			min N	<b>0.17</b>	0.00	-0.04	0.00	0.23	0.00	CO 17
			max V <sub>y</sub>	3.02	<b>0.00</b>	-0.24	0.00	0.27	-0.01	CO 10
			min V <sub>y</sub>	0.41	<b>0.00</b>	0.15	0.00	0.05	0.00	CO 13
			max V <sub>z</sub>	0.61	0.00	<b>0.24</b>	0.00	-0.12	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	2.89	0.00	<b>-0.30</b>	0.00	0.37	-0.01	CO 12
			max M <sub>T</sub>	0.17	0.00	-0.04	<b>0.00</b>	0.23	0.00	CO 17
			min M <sub>T</sub>	0.41	0.00	0.15	<b>0.00</b>	0.05	0.00	CO 13
			max M <sub>y</sub>	2.89	0.00	-0.30	0.00	<b>0.37</b>	-0.01	CO 12
			min M <sub>y</sub>	0.61	0.00	0.24	0.00	<b>-0.12</b>	0.00	CO 9
			max M <sub>z</sub>	0.61	0.00	0.24	0.00	-0.12	<b>0.00</b>	CO 9
			min M <sub>z</sub>	2.89	0.00	-0.30	0.00	0.37	<b>-0.01</b>	CO 12
	1892	1.129	max N	<b>3.19</b>	0.00	-0.39	0.00	-0.14	-0.01	CO 8
			min N	<b>0.30</b>	0.00	-0.22	0.00	0.09	0.00	CO 17
			max V <sub>y</sub>	3.15	<b>0.00</b>	-0.42	0.00	-0.11	-0.01	CO 10
			min V <sub>y</sub>	0.53	<b>0.00</b>	-0.03	0.00	0.12	0.00	CO 13
			max V <sub>z</sub>	0.74	0.00	<b>0.06</b>	0.00	0.05	0.00	CO 9
			min V <sub>z</sub>	3.02	0.00	<b>-0.48</b>	0.00	-0.07	-0.01	CO 12
			max M <sub>T</sub>	0.30	0.00	-0.22	<b>0.00</b>	0.09	0.00	CO 17
			min M <sub>T</sub>	0.53	0.00	-0.03	<b>0.00</b>	0.12	0.00	CO 13
			max M <sub>y</sub>	0.53	0.00	-0.03	0.00	<b>0.12</b>	0.00	CO 13
			min M <sub>y</sub>	3.19	0.00	-0.39	0.00	<b>-0.14</b>	-0.01	CO 8
			max M <sub>z</sub>	0.53	0.00	-0.03	0.00	0.12	<b>0.00</b>	CO 13
			min M <sub>z</sub>	3.02	0.00	-0.48	0.00	-0.07	<b>-0.01</b>	CO 12
	1892	1.129	Max N	<b>3.19</b>	0.00	-0.39	0.00	-0.14	-0.01	CO 8
	548	0.000	Min N	<b>0.17</b>	0.00	-0.04	0.00	0.23	0.00	CO 17
	1892	1.129	Max V <sub>y</sub>	3.15	<b>0.00</b>	-0.42	0.00	-0.11	-0.01	CO 10
	548	0.000	Min V <sub>y</sub>	0.41	<b>0.00</b>	0.15	0.00	0.05	0.00	CO 13
	548	0.000	Max V <sub>z</sub>	0.61	0.00	<b>0.24</b>	0.00	-0.12	0.00	CO 9
	1892	1.129	Min V <sub>z</sub>	3.02	0.00	<b>-0.48</b>	0.00	-0.07	-0.01	CO 12
	1892	1.129	Max M <sub>T</sub>	0.30	0.00	-0.22	<b>0.00</b>	0.09	0.00	CO 17
		0.903	Min M <sub>T</sub>	0.51	0.00	0.01	<b>0.00</b>	0.12	0.00	CO 13
	548	0.000	Max M <sub>y</sub>	2.89	0.00	-0.30	0.00	<b>0.37</b>	-0.01	CO 12
	1892	1.129	Min M <sub>y</sub>	3.19	0.00	-0.39	0.00	<b>-0.14</b>	-0.01	CO 8
	1892	1.129	Max M <sub>z</sub>	0.53	0.00	-0.03	0.00	0.12	<b>0.00</b>	CO 13
	1892	1.129	Min M <sub>z</sub>	3.02	0.00	-0.48	0.00	-0.07	<b>-0.01</b>	CO 12
2184	1892	0.000	max N	<b>-3.90</b>	-0.01	-0.15	0.00	0.12	0.00	CO 9
			min N	<b>-67.19</b>	0.02	-0.22	0.00	0.78	0.01	CO 18
			max V <sub>y</sub>	-55.03	<b>0.02</b>	0.30	0.00	0.45	0.02	CO 12
			min V <sub>y</sub>	-3.90	<b>-0.01</b>	-0.15	0.00	0.12	0.00	CO 9
			max V <sub>z</sub>	-8.58	0.02	<b>0.92</b>	0.00	-0.26	0.01	CO 8
			min V <sub>z</sub>	-64.30	0.00	<b>-0.87</b>	0.00	1.01	0.00	CO 19
			max M <sub>T</sub>	-50.25	0.00	-0.78	<b>0.00</b>	0.83	0.00	CO 13
			min M <sub>T</sub>	-55.03	0.02	0.30	<b>0.00</b>	0.45	0.02	CO 12
			max M <sub>y</sub>	-64.30	0.00	-0.87	0.00	<b>1.01</b>	0.00	CO 19
			min M <sub>y</sub>	-8.58	0.02	0.92	0.00	<b>-0.26</b>	0.01	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-55.03	0.02	0.30	0.00	0.45	<b>0.02</b>	CO 12
			min M <sub>z</sub>	-3.90	-0.01	-0.15	0.00	0.12	<b>0.00</b>	CO 9
	539	1.129	max N	<b>-4.04</b>	-0.01	-0.33	0.00	-0.15	0.01	CO 9
			min N	<b>-67.33</b>	0.02	-0.47	0.00	0.39	-0.01	CO 18
			max V <sub>y</sub>	-55.17	<b>0.02</b>	0.07	0.00	0.67	-0.01	CO 12
			min V <sub>y</sub>	-4.04	<b>-0.01</b>	-0.33	0.00	-0.15	0.01	CO 9
			max V <sub>z</sub>	-8.72	0.02	<b>0.75</b>	0.00	0.69	-0.01	CO 8
			min V <sub>z</sub>	-64.44	0.00	<b>-1.10</b>	0.00	-0.12	0.00	CO 19
			max M <sub>T</sub>	-50.38	0.00	-0.98	<b>0.00</b>	-0.18	0.00	CO 13
			min M <sub>T</sub>	-55.17	0.02	0.07	<b>0.00</b>	0.67	-0.01	CO 12
			max M <sub>y</sub>	-8.72	0.02	0.75	0.00	<b>0.69</b>	-0.01	CO 8
			min M <sub>y</sub>	-50.38	0.00	-0.98	0.00	<b>-0.18</b>	0.00	CO 13
			max M <sub>z</sub>	-4.04	-0.01	-0.33	0.00	-0.15	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-55.17	0.02	0.07	0.00	0.67	<b>-0.01</b>	CO 12
	1892	0.000	Max N	<b>-3.90</b>	-0.01	-0.15	0.00	0.12	0.00	CO 9
	539	1.129	Min N	<b>-67.33</b>	0.02	-0.47	0.00	0.39	-0.01	CO 18
		0.677	Max V <sub>y</sub>	-55.11	<b>0.02</b>	0.16	0.00	0.61	0.00	CO 12
	1892	0.000	Min V <sub>y</sub>	-3.90	<b>-0.01</b>	-0.15	0.00	0.12	0.00	CO 9
	1892	0.000	Max V <sub>z</sub>	-8.58	0.02	<b>0.92</b>	0.00	-0.26	0.01	CO 8
	539	1.129	Min V <sub>z</sub>	-64.44	0.00	<b>-1.10</b>	0.00	-0.12	0.00	CO 19
	1892	0.000	Max M <sub>T</sub>	-50.25	0.00	-0.78	<b>0.00</b>	0.83	0.00	CO 13
	1892	0.000	Min M <sub>T</sub>	-55.03	0.02	0.30	<b>0.00</b>	0.45	0.02	CO 12
	1892	0.000	Max M <sub>y</sub>	-64.30	0.00	-0.87	0.00	<b>1.01</b>	0.00	CO 19
	1892	0.000	Min M <sub>y</sub>	-8.58	0.02	0.92	0.00	<b>-0.26</b>	0.01	CO 8
	1892	0.000	Max M <sub>z</sub>	-55.03	0.02	0.30	0.00	0.45	<b>0.02</b>	CO 12
	539	1.129	Min M <sub>z</sub>	-55.17	0.02	0.07	0.00	0.67	<b>-0.01</b>	CO 12
2185	539	0.000	max N	<b>65.58</b>	0.00	-2.39	0.00	0.69	0.00	CO 17
			min N	<b>0.58</b>	0.03	-4.93	0.01	1.37	-0.01	CO 8
			max V <sub>y</sub>	45.50	<b>0.03</b>	-6.67	0.01	1.87	-0.01	CO 12
			min V <sub>y</sub>	5.68	<b>-0.01</b>	0.59	-0.01	-0.26	0.01	CO 9
			max V <sub>z</sub>	5.68	-0.01	<b>0.59</b>	-0.01	-0.26	0.01	CO 9
			min V <sub>z</sub>	45.50	0.03	<b>-6.67</b>	0.01	1.87	-0.01	CO 12
			max M <sub>T</sub>	45.50	0.03	-6.67	<b>0.01</b>	1.87	-0.01	CO 12
			min M <sub>T</sub>	5.68	-0.01	0.59	<b>-0.01</b>	-0.26	0.01	CO 9
			max M <sub>y</sub>	45.50	0.03	-6.67	0.01	<b>1.87</b>	-0.01	CO 12
			min M <sub>y</sub>	5.68	-0.01	0.59	-0.01	<b>-0.26</b>	0.01	CO 9
			max M <sub>z</sub>	33.32	0.00	-0.45	-0.01	0.04	<b>0.01</b>	CO 15
			min M <sub>z</sub>	45.50	0.03	-6.67	0.01	1.87	<b>-0.01</b>	CO 12
	1886	1.129	max N	<b>65.70</b>	0.00	-2.66	0.00	-2.13	-0.01	CO 17
			min N	<b>0.69</b>	0.03	-5.11	0.01	-4.30	-0.04	CO 8
			max V <sub>y</sub>	45.60	<b>0.03</b>	-7.03	0.01	-5.79	-0.05	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	5.80	<b>-0.01</b>	0.41	-0.01	0.31	0.01	CO 9
			max V <sub>z</sub>	5.80	-0.01	<b>0.41</b>	-0.01	0.31	0.01	CO 9
			min V <sub>z</sub>	45.60	0.03	<b>-7.03</b>	0.01	-5.79	-0.05	CO 12
			max M <sub>T</sub>	45.60	0.03	-7.03	<b>0.01</b>	-5.79	-0.05	CO 12
			min M <sub>T</sub>	5.80	-0.01	0.41	<b>-0.01</b>	0.31	0.01	CO 9
			max M <sub>y</sub>	5.80	-0.01	0.41	-0.01	<b>0.31</b>	0.01	CO 9
			min M <sub>y</sub>	45.60	0.03	-7.03	0.01	<b>-5.79</b>	-0.05	CO 12
			max M <sub>z</sub>	5.80	-0.01	0.41	-0.01	0.31	<b>0.01</b>	CO 9
			min M <sub>z</sub>	45.60	0.03	-7.03	0.01	-5.79	<b>-0.05</b>	CO 12
	1886	1.129	Max N	<b>65.70</b>	0.00	-2.66	0.00	-2.13	-0.01	CO 17
	539	0.000	Min N	<b>0.58</b>	0.03	-4.93	0.01	1.37	-0.01	CO 8
	1886	1.129	Max V <sub>y</sub>	45.60	<b>0.03</b>	-7.03	0.01	-5.79	-0.05	CO 12
	1886	1.129	Min V <sub>y</sub>	5.80	<b>-0.01</b>	0.41	-0.01	0.31	0.01	CO 9
	539	0.000	Max V <sub>z</sub>	5.68	-0.01	<b>0.59</b>	-0.01	-0.26	0.01	CO 9
	1886	1.129	Min V <sub>z</sub>	45.60	0.03	<b>-7.03</b>	0.01	-5.79	-0.05	CO 12
	1886	1.129	Max M <sub>T</sub>	45.60	0.03	-7.03	<b>0.01</b>	-5.79	-0.05	CO 12
	1886	1.129	Min M <sub>T</sub>	5.80	-0.01	0.41	<b>-0.01</b>	0.31	0.01	CO 9
	539	0.000	Max M <sub>y</sub>	45.50	0.03	-6.67	0.01	<b>1.87</b>	-0.01	CO 12
	1886	1.129	Min M <sub>y</sub>	45.60	0.03	-7.03	0.01	<b>-5.79</b>	-0.05	CO 12
	1886	1.129	Max M <sub>z</sub>	5.80	-0.01	0.41	-0.01	0.31	<b>0.01</b>	CO 9
	1886	1.129	Min M <sub>z</sub>	45.60	0.03	-7.03	0.01	-5.79	<b>-0.05</b>	CO 12
2186	1895	0.000	max N	<b>80.37</b>	0.00	1.04	0.00	-0.70	0.00	CO 17
			min N	<b>0.51</b>	0.01	-3.67	0.01	3.18	0.01	CO 8
			max V <sub>y</sub>	0.51	<b>0.01</b>	-3.67	0.01	3.18	0.01	CO 8
			min V <sub>y</sub>	63.84	<b>-0.02</b>	-0.75	-0.01	0.70	-0.01	CO 13
			max V <sub>z</sub>	59.73	0.00	<b>1.06</b>	0.00	-0.75	0.00	CO 16
			min V <sub>z</sub>	21.16	0.01	<b>-3.76</b>	0.01	3.26	0.01	CO 10
			max M <sub>T</sub>	0.51	0.01	-3.67	<b>0.01</b>	3.18	0.01	CO 8
			min M <sub>T</sub>	63.84	-0.02	-0.75	<b>-0.01</b>	0.70	-0.01	CO 13
			max M <sub>y</sub>	21.16	0.01	-3.76	0.01	<b>3.26</b>	0.01	CO 10
			min M <sub>y</sub>	59.73	0.00	1.06	0.00	<b>-0.75</b>	0.00	CO 16
			max M <sub>z</sub>	0.51	0.01	-3.67	0.01	3.18	<b>0.01</b>	CO 8
			min M <sub>z</sub>	63.84	-0.02	-0.75	-0.01	0.70	<b>-0.01</b>	CO 13
	1537	1.129	max N	<b>80.23</b>	0.00	0.84	0.00	0.35	0.00	CO 17
			min N	<b>0.38</b>	0.01	-3.84	0.01	-1.06	0.00	CO 8
			max V <sub>y</sub>	0.38	<b>0.01</b>	-3.84	0.01	-1.06	0.00	CO 8
			min V <sub>y</sub>	63.70	<b>-0.02</b>	-0.89	-0.01	-0.22	0.01	CO 13
			max V <sub>z</sub>	59.59	0.00	<b>0.87</b>	0.00	0.33	0.00	CO 16
			min V <sub>z</sub>	21.04	0.01	<b>-3.89</b>	0.01	-1.04	0.00	CO 10
			max M <sub>T</sub>	0.38	0.01	-3.84	<b>0.01</b>	-1.06	0.00	CO 8
			min M <sub>T</sub>	63.70	-0.02	-0.89	<b>-0.01</b>	-0.22	0.01	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	80.23	0.00	0.84	0.00	<b>0.35</b>	0.00	CO 17
			min M <sub>y</sub>	0.38	0.01	-3.84	0.01	<b>-1.06</b>	0.00	CO 8
			max M <sub>z</sub>	63.70	-0.02	-0.89	-0.01	-0.22	<b>0.01</b>	CO 13
			min M <sub>z</sub>	33.07	0.01	-3.21	0.01	-0.84	<b>0.00</b>	CO 14
	1895	0.000	Max N	<b>80.37</b>	0.00	1.04	0.00	-0.70	0.00	CO 17
	1537	1.129	Min N	<b>0.38</b>	0.01	-3.84	0.01	-1.06	0.00	CO 8
	1895	0.000	Max V <sub>y</sub>	0.51	<b>0.01</b>	-3.67	0.01	3.18	0.01	CO 8
	1895	0.000	Min V <sub>y</sub>	63.84	<b>-0.02</b>	-0.75	-0.01	0.70	-0.01	CO 13
	1895	0.000	Max V <sub>z</sub>	59.73	0.00	<b>1.06</b>	0.00	-0.75	0.00	CO 16
	1537	1.129	Min V <sub>z</sub>	21.04	0.01	<b>-3.89</b>	0.01	-1.04	0.00	CO 10
	1895	0.000	Max M <sub>T</sub>	0.51	0.01	-3.67	<b>0.01</b>	3.18	0.01	CO 8
	1537	1.129	Min M <sub>T</sub>	63.70	-0.02	-0.89	<b>-0.01</b>	-0.22	0.01	CO 13
	1895	0.000	Max M <sub>y</sub>	21.16	0.01	-3.76	0.01	<b>3.26</b>	0.01	CO 10
	1537	1.129	Min M <sub>y</sub>	0.38	0.01	-3.84	0.01	<b>-1.06</b>	0.00	CO 8
	1895	0.000	Max M <sub>z</sub>	0.51	0.01	-3.67	0.01	3.18	<b>0.01</b>	CO 8
	1895	0.000	Min M <sub>z</sub>	63.84	-0.02	-0.75	-0.01	0.70	<b>-0.01</b>	CO 13
2187	1537	0.000	max N	<b>6.40</b>	-0.02	0.45	0.00	-0.44	0.00	CO 8
			min N	<b>-79.27</b>	0.00	0.94	0.00	-0.11	0.00	CO 17
			max V <sub>y</sub>	-59.22	<b>0.00</b>	0.63	0.00	-0.04	0.00	CO 16
			min V <sub>y</sub>	-13.59	<b>-0.02</b>	0.74	0.00	-0.52	0.00	CO 10
			max V <sub>z</sub>	-68.06	-0.01	<b>1.12</b>	0.00	-0.38	0.00	CO 18
			min V <sub>z</sub>	-12.18	0.00	<b>0.13</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	6.40	-0.02	0.45	<b>0.00</b>	-0.44	0.00	CO 8
			min M <sub>T</sub>	-60.12	-0.01	1.00	<b>0.00</b>	-0.32	-0.01	CO 13
			max M <sub>y</sub>	-12.18	0.00	0.13	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-46.49	-0.02	1.09	0.00	<b>-0.54</b>	0.00	CO 12
			max M <sub>z</sub>	-59.22	0.00	0.63	0.00	-0.04	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-60.12	-0.01	1.00	0.00	-0.32	<b>-0.01</b>	CO 13
	1897	1.129	max N	<b>6.52</b>	-0.02	0.27	0.00	-0.04	0.02	CO 8
			min N	<b>-79.15</b>	0.00	0.70	0.00	0.82	0.00	CO 17
			max V <sub>y</sub>	-59.10	<b>0.00</b>	0.42	0.00	0.57	0.00	CO 16
			min V <sub>y</sub>	6.52	<b>-0.02</b>	0.27	0.00	-0.04	0.02	CO 8
			max V <sub>z</sub>	-67.93	-0.01	<b>0.91</b>	0.00	0.78	0.01	CO 18
			min V <sub>z</sub>	-12.05	0.00	<b>-0.05</b>	0.00	0.04	0.00	CO 1
			max M <sub>T</sub>	6.52	-0.02	0.27	<b>0.00</b>	-0.04	0.02	CO 8
			min M <sub>T</sub>	-60.00	-0.01	0.79	<b>0.00</b>	0.70	0.00	CO 13
			max M <sub>y</sub>	-76.12	-0.01	0.84	0.00	<b>0.85</b>	0.00	CO 19
			min M <sub>y</sub>	6.52	-0.02	0.27	0.00	<b>-0.04</b>	0.02	CO 8
			max M <sub>z</sub>	-13.47	-0.02	0.57	0.00	0.22	<b>0.02</b>	CO 10
			min M <sub>z</sub>	-79.15	0.00	0.70	0.00	0.82	<b>0.00</b>	CO 17
	1897	1.129	Max N	<b>6.52</b>	-0.02	0.27	0.00	-0.04	0.02	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1537	0.000	Min N	<b>-79.27</b>	0.00	0.94	0.00	-0.11	0.00	CO 17
	1537	0.000	Max V <sub>y</sub>	-59.22	<b>0.00</b>	0.63	0.00	-0.04	0.00	CO 16
		0.226	Min V <sub>y</sub>	-13.57	<b>-0.02</b>	0.71	0.00	-0.35	0.00	CO 10
	1537	0.000	Max V <sub>z</sub>	-68.06	-0.01	<b>1.12</b>	0.00	-0.38	0.00	CO 18
	1897	1.129	Min V <sub>z</sub>	-12.05	0.00	<b>-0.05</b>	0.00	0.04	0.00	CO 1
	1897	1.129	Max M <sub>T</sub>	6.52	-0.02	0.27	<b>0.00</b>	-0.04	0.02	CO 8
	1897	1.129	Min M <sub>T</sub>	-60.00	-0.01	0.79	<b>0.00</b>	0.70	0.00	CO 13
	1897	1.129	Max M <sub>y</sub>	-76.12	-0.01	0.84	0.00	<b>0.85</b>	0.00	CO 19
	1537	0.000	Min M <sub>y</sub>	-46.49	-0.02	1.09	0.00	<b>-0.54</b>	0.00	CO 12
	1897	1.129	Max M <sub>z</sub>	-13.47	-0.02	0.57	0.00	0.22	<b>0.02</b>	CO 10
	1537	0.000	Min M <sub>z</sub>	-60.12	-0.01	1.00	0.00	-0.32	<b>-0.01</b>	CO 13
2188	1897	0.000	max N	<b>0.62</b>	0.00	-0.09	0.00	0.16	0.00	CO 1
			min N	<b>-1.45</b>	0.03	-0.67	0.00	0.66	0.00	CO 12
			max V <sub>y</sub>	-0.92	<b>0.04</b>	-0.39	0.00	0.27	0.00	CO 8
			min V <sub>y</sub>	-0.03	<b>0.00</b>	-0.44	0.00	0.65	0.00	CO 17
			max V <sub>z</sub>	0.62	0.00	<b>-0.09</b>	0.00	0.16	0.00	CO 1
			min V <sub>z</sub>	-1.45	0.03	<b>-0.67</b>	0.00	0.66	0.00	CO 12
			max M <sub>T</sub>	-0.12	0.00	-0.53	<b>0.00</b>	0.68	0.01	CO 19
			min M <sub>T</sub>	-0.92	0.04	-0.39	<b>0.00</b>	0.27	0.00	CO 8
			max M <sub>y</sub>	-0.95	0.02	-0.62	0.00	<b>0.71</b>	0.00	CO 18
			min M <sub>y</sub>	0.62	0.00	-0.09	0.00	<b>0.16</b>	0.00	CO 1
			max M <sub>z</sub>	-0.07	0.00	-0.52	0.00	0.60	<b>0.01</b>	CO 13
			min M <sub>z</sub>	-1.12	0.04	-0.56	0.00	0.51	<b>0.00</b>	CO 14
	1570	1.129	max N	<b>0.49</b>	0.00	-0.26	0.00	-0.04	0.00	CO 1
			min N	<b>-1.58</b>	0.03	-0.85	0.00	-0.20	-0.04	CO 12
			max V <sub>y</sub>	-1.06	<b>0.04</b>	-0.57	0.00	-0.27	-0.04	CO 8
			min V <sub>y</sub>	-0.16	<b>0.00</b>	-0.61	0.00	0.05	0.01	CO 17
			max V <sub>z</sub>	0.49	0.00	<b>-0.26</b>	0.00	-0.04	0.00	CO 1
			min V <sub>z</sub>	-1.58	0.03	<b>-0.85</b>	0.00	-0.20	-0.04	CO 12
			max M <sub>T</sub>	-0.26	0.00	-0.71	<b>0.00</b>	-0.02	0.01	CO 19
			min M <sub>T</sub>	-1.06	0.04	-0.57	<b>0.00</b>	-0.27	-0.04	CO 8
			max M <sub>y</sub>	-0.16	0.00	-0.61	0.00	<b>0.05</b>	0.01	CO 17
			min M <sub>y</sub>	-1.06	0.04	-0.57	0.00	<b>-0.27</b>	-0.04	CO 8
			max M <sub>z</sub>	-0.20	0.00	-0.70	0.00	-0.09	<b>0.01</b>	CO 13
			min M <sub>z</sub>	-1.06	0.04	-0.57	0.00	-0.27	<b>-0.04</b>	CO 8
	1897	0.000	Max N	<b>0.62</b>	0.00	-0.09	0.00	0.16	0.00	CO 1
	1570	1.129	Min N	<b>-1.58</b>	0.03	-0.85	0.00	-0.20	-0.04	CO 12
		0.226	Max V <sub>y</sub>	-0.95	<b>0.04</b>	-0.43	0.00	0.18	-0.01	CO 8
	1897	0.000	Min V <sub>y</sub>	-0.03	<b>0.00</b>	-0.44	0.00	0.65	0.00	CO 17
	1897	0.000	Max V <sub>z</sub>	0.62	0.00	<b>-0.09</b>	0.00	0.16	0.00	CO 1
	1570	1.129	Min V <sub>z</sub>	-1.58	0.03	<b>-0.85</b>	0.00	-0.20	-0.04	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1897	0.000	Max M <sub>T</sub>	-0.12	0.00	-0.53	<b>0.00</b>	0.68	0.01	CO 19
	1570	1.129	Min M <sub>T</sub>	-1.06	0.04	-0.57	<b>0.00</b>	-0.27	-0.04	CO 8
	1897	0.000	Max M <sub>y</sub>	-0.95	0.02	-0.62	0.00	<b>0.71</b>	0.00	CO 18
	1570	1.129	Min M <sub>y</sub>	-1.06	0.04	-0.57	0.00	<b>-0.27</b>	-0.04	CO 8
	1897	0.000	Max M <sub>z</sub>	-0.07	0.00	-0.52	0.00	0.60	<b>0.01</b>	CO 13
	1570	1.129	Min M <sub>z</sub>	-1.06	0.04	-0.57	0.00	-0.27	<b>-0.04</b>	CO 8
2189	1570	0.000	max N	<b>3.33</b>	0.07	0.27	0.02	0.17	0.03	CO 12
			min N	<b>0.76</b>	0.00	0.24	0.00	-0.02	0.00	CO 1
			max V <sub>y</sub>	2.84	<b>0.08</b>	0.08	0.02	0.04	0.03	CO 8
			min V <sub>y</sub>	1.39	<b>-0.02</b>	0.55	-0.01	0.09	-0.01	CO 19
			max V <sub>z</sub>	1.39	-0.02	<b>0.55</b>	-0.01	0.09	-0.01	CO 19
			min V <sub>z</sub>	2.84	0.08	<b>0.08</b>	0.02	0.04	0.03	CO 8
			max M <sub>T</sub>	2.84	0.08	0.08	<b>0.02</b>	0.04	0.03	CO 8
			min M <sub>T</sub>	1.46	-0.01	0.53	<b>-0.01</b>	0.02	0.00	CO 13
			max M <sub>y</sub>	2.53	0.04	0.39	0.01	<b>0.18</b>	0.01	CO 18
			min M <sub>y</sub>	1.06	0.00	0.34	0.00	<b>-0.11</b>	0.00	CO 9
			max M <sub>z</sub>	3.10	0.07	0.14	0.02	0.10	<b>0.03</b>	CO 10
			min M <sub>z</sub>	1.39	-0.02	0.55	-0.01	0.09	<b>-0.01</b>	CO 19
	1896	1.129	max N	<b>3.45</b>	0.07	0.09	0.02	0.37	-0.05	CO 12
			min N	<b>0.89</b>	0.00	0.06	0.00	0.15	0.00	CO 1
			max V <sub>y</sub>	2.97	<b>0.08</b>	-0.10	0.02	0.03	-0.06	CO 8
			min V <sub>y</sub>	1.52	<b>-0.02</b>	0.37	-0.01	0.60	0.01	CO 19
			max V <sub>z</sub>	1.52	-0.02	<b>0.37</b>	-0.01	0.60	0.01	CO 19
			min V <sub>z</sub>	2.97	0.08	<b>-0.10</b>	0.02	0.03	-0.06	CO 8
			max M <sub>T</sub>	2.97	0.08	-0.10	<b>0.02</b>	0.03	-0.06	CO 8
			min M <sub>T</sub>	1.59	-0.01	0.35	<b>-0.01</b>	0.52	0.01	CO 13
			max M <sub>y</sub>	1.52	-0.02	0.37	-0.01	<b>0.60</b>	0.01	CO 19
			min M <sub>y</sub>	2.97	0.08	-0.10	0.02	<b>0.03</b>	-0.06	CO 8
			max M <sub>z</sub>	1.52	-0.02	0.37	-0.01	0.60	<b>0.01</b>	CO 19
			min M <sub>z</sub>	2.97	0.08	-0.10	0.02	0.03	<b>-0.06</b>	CO 8
	1896	1.129	Max N	<b>3.45</b>	0.07	0.09	0.02	0.37	-0.05	CO 12
	1570	0.000	Min N	<b>0.76</b>	0.00	0.24	0.00	-0.02	0.00	CO 1
	1896	1.129	Max V <sub>y</sub>	2.97	<b>0.08</b>	-0.10	0.02	0.03	-0.06	CO 8
	1570	0.000	Min V <sub>y</sub>	1.39	<b>-0.02</b>	0.55	-0.01	0.09	-0.01	CO 19
	1570	0.000	Max V <sub>z</sub>	1.39	-0.02	<b>0.55</b>	-0.01	0.09	-0.01	CO 19
	1896	1.129	Min V <sub>z</sub>	2.97	0.08	<b>-0.10</b>	0.02	0.03	-0.06	CO 8
	1896	1.129	Max M <sub>T</sub>	2.97	0.08	-0.10	<b>0.02</b>	0.03	-0.06	CO 8
	1896	1.129	Min M <sub>T</sub>	1.59	-0.01	0.35	<b>-0.01</b>	0.52	0.01	CO 13
	1896	1.129	Max M <sub>y</sub>	1.52	-0.02	0.37	-0.01	<b>0.60</b>	0.01	CO 19
	1570	0.000	Min M <sub>y</sub>	1.06	0.00	0.34	0.00	<b>-0.11</b>	0.00	CO 9
	1570	0.000	Max M <sub>z</sub>	3.10	0.07	0.14	0.02	0.10	<b>0.03</b>	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1896	1.129	Min M <sub>z</sub>	2.97	0.08	-0.10	0.02	0.03	<b>-0.06</b>	CO 8
2190	1896	0.000	max N	<b>-1.41</b>	-0.06	1.09	-0.02	-0.46	-0.05	CO 8
			min N	<b>-81.40</b>	0.01	-0.27	0.00	0.68	0.01	CO 17
			max V <sub>y</sub>	-81.40	<b>0.01</b>	-0.27	0.00	0.68	0.01	CO 17
			min V <sub>y</sub>	-1.41	<b>-0.06</b>	1.09	-0.02	-0.46	-0.05	CO 8
			max V <sub>z</sub>	-1.41	-0.06	<b>1.09</b>	-0.02	-0.46	-0.05	CO 8
			min V <sub>z</sub>	-78.86	0.01	<b>-0.33</b>	0.00	0.67	0.01	CO 19
			max M <sub>T</sub>	-78.86	0.01	-0.33	<b>0.00</b>	0.67	0.01	CO 19
			min M <sub>T</sub>	-1.41	-0.06	1.09	<b>-0.02</b>	-0.46	-0.05	CO 8
			max M <sub>y</sub>	-81.40	0.01	-0.27	0.00	<b>0.68</b>	0.01	CO 17
			min M <sub>y</sub>	-1.41	-0.06	1.09	-0.02	<b>-0.46</b>	-0.05	CO 8
			max M <sub>z</sub>	-78.86	0.01	-0.33	0.00	0.67	<b>0.01</b>	CO 19
			min M <sub>z</sub>	-1.41	-0.06	1.09	-0.02	-0.46	<b>-0.05</b>	CO 8
	1569	1.129	max N	<b>-1.55</b>	-0.06	0.91	-0.02	0.67	0.02	CO 8
			min N	<b>-81.53</b>	0.01	-0.52	0.00	0.22	0.00	CO 17
			max V <sub>y</sub>	-81.53	<b>0.01</b>	-0.52	0.00	0.22	0.00	CO 17
			min V <sub>y</sub>	-1.55	<b>-0.06</b>	0.91	-0.02	0.67	0.02	CO 8
			max V <sub>z</sub>	-1.55	-0.06	<b>0.91</b>	-0.02	0.67	0.02	CO 8
			min V <sub>z</sub>	-79.00	0.01	<b>-0.57</b>	0.00	0.16	0.00	CO 19
			max M <sub>T</sub>	-79.00	0.01	-0.57	<b>0.00</b>	0.16	0.00	CO 19
			min M <sub>T</sub>	-1.55	-0.06	0.91	<b>-0.02</b>	0.67	0.02	CO 8
			max M <sub>y</sub>	-56.03	-0.06	0.53	-0.01	<b>0.79</b>	0.02	CO 12
			min M <sub>y</sub>	-8.47	-0.01	-0.12	0.00	<b>-0.04</b>	0.01	CO 9
			max M <sub>z</sub>	-1.55	-0.06	0.91	-0.02	0.67	<b>0.02</b>	CO 8
			min M <sub>z</sub>	-81.53	0.01	-0.52	0.00	0.22	<b>0.00</b>	CO 17
	1896	0.000	Max N	<b>-1.41</b>	-0.06	1.09	-0.02	-0.46	-0.05	CO 8
	1569	1.129	Min N	<b>-81.53</b>	0.01	-0.52	0.00	0.22	0.00	CO 17
		0.677	Max V <sub>y</sub>	-81.48	<b>0.01</b>	-0.43	0.00	0.44	0.00	CO 17
	1569	1.129	Min V <sub>y</sub>	-1.55	<b>-0.06</b>	0.91	-0.02	0.67	0.02	CO 8
	1896	0.000	Max V <sub>z</sub>	-1.41	-0.06	<b>1.09</b>	-0.02	-0.46	-0.05	CO 8
	1569	1.129	Min V <sub>z</sub>	-79.00	0.01	<b>-0.57</b>	0.00	0.16	0.00	CO 19
	1896	0.000	Max M <sub>T</sub>	-78.86	0.01	-0.33	<b>0.00</b>	0.67	0.01	CO 19
	1896	0.000	Min M <sub>T</sub>	-1.41	-0.06	1.09	<b>-0.02</b>	-0.46	-0.05	CO 8
	1569	1.129	Max M <sub>y</sub>	-56.03	-0.06	0.53	-0.01	<b>0.79</b>	0.02	CO 12
	1896	0.000	Min M <sub>y</sub>	-1.41	-0.06	1.09	-0.02	<b>-0.46</b>	-0.05	CO 8
	1569	1.129	Max M <sub>z</sub>	-1.55	-0.06	0.91	-0.02	0.67	<b>0.02</b>	CO 8
	1896	0.000	Min M <sub>z</sub>	-1.41	-0.06	1.09	-0.02	-0.46	<b>-0.05</b>	CO 8
2191	1569	0.000	max N	<b>78.17</b>	0.01	-3.29	0.00	1.03	0.01	CO 17
			min N	<b>-6.06</b>	-0.07	-4.40	0.02	1.20	-0.06	CO 8
			max V <sub>y</sub>	78.17	<b>0.01</b>	-3.29	0.00	1.03	0.01	CO 17
			min V <sub>y</sub>	-6.06	<b>-0.07</b>	-4.40	0.02	1.20	-0.06	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	9.28	-0.01	<b>0.15</b>	-0.02	-0.09	0.01	CO 9
			min V <sub>z</sub>	45.83	-0.06	<b>-6.71</b>	0.01	1.91	-0.05	CO 12
			max M <sub>T</sub>	-6.06	-0.07	-4.40	<b>0.02</b>	1.20	-0.06	CO 8
			min M <sub>T</sub>	9.28	-0.01	0.15	<b>-0.02</b>	-0.09	0.01	CO 9
			max M <sub>y</sub>	45.83	-0.06	-6.71	0.01	<b>1.91</b>	-0.05	CO 12
			min M <sub>y</sub>	9.28	-0.01	0.15	-0.02	<b>-0.09</b>	0.01	CO 9
			max M <sub>z</sub>	61.18	0.01	-2.12	-0.02	0.61	<b>0.02</b>	CO 13
			min M <sub>z</sub>	-6.06	-0.07	-4.40	0.02	1.20	<b>-0.06</b>	CO 8
	1890	1.129	max N	<b>78.29</b>	0.01	-3.61	0.00	-2.81	-0.01	CO 17
			min N	<b>-5.95</b>	-0.07	-4.57	0.02	-3.87	0.02	CO 8
			max V <sub>y</sub>	78.29	<b>0.01</b>	-3.61	0.00	-2.81	-0.01	CO 17
			min V <sub>y</sub>	-5.95	<b>-0.07</b>	-4.57	0.02	-3.87	0.02	CO 8
			max V <sub>z</sub>	9.40	-0.01	<b>-0.04</b>	-0.02	-0.03	0.02	CO 9
			min V <sub>z</sub>	45.93	-0.06	<b>-7.07</b>	0.01	-5.80	0.02	CO 12
			max M <sub>T</sub>	-5.95	-0.07	-4.57	<b>0.02</b>	-3.87	0.02	CO 8
			min M <sub>T</sub>	9.40	-0.01	-0.04	<b>-0.02</b>	-0.03	0.02	CO 9
			max M <sub>y</sub>	9.40	-0.01	-0.04	-0.02	<b>-0.03</b>	0.02	CO 9
			min M <sub>y</sub>	45.93	-0.06	-7.07	0.01	<b>-5.80</b>	0.02	CO 12
			max M <sub>z</sub>	-5.95	-0.07	-4.57	0.02	-3.87	<b>0.02</b>	CO 8
			min M <sub>z</sub>	78.29	0.01	-3.61	0.00	-2.81	<b>-0.01</b>	CO 17
	1890	1.129	Max N	<b>78.29</b>	0.01	-3.61	0.00	-2.81	-0.01	CO 17
	1569	0.000	Min N	<b>-6.06</b>	-0.07	-4.40	0.02	1.20	-0.06	CO 8
	1569	0.000	Max V <sub>y</sub>	78.17	<b>0.01</b>	-3.29	0.00	1.03	0.01	CO 17
	1890	1.129	Min V <sub>y</sub>	-5.95	<b>-0.07</b>	-4.57	0.02	-3.87	0.02	CO 8
	1569	0.000	Max V <sub>z</sub>	9.28	-0.01	<b>0.15</b>	-0.02	-0.09	0.01	CO 9
	1890	1.129	Min V <sub>z</sub>	45.93	-0.06	<b>-7.07</b>	0.01	-5.80	0.02	CO 12
	1890	1.129	Max M <sub>T</sub>	-5.95	-0.07	-4.57	<b>0.02</b>	-3.87	0.02	CO 8
		0.903	Min M <sub>T</sub>	9.38	-0.01	0.00	<b>-0.02</b>	-0.02	0.01	CO 9
	1569	0.000	Max M <sub>y</sub>	45.83	-0.06	-6.71	0.01	<b>1.91</b>	-0.05	CO 12
	1890	1.129	Min M <sub>y</sub>	45.93	-0.06	-7.07	0.01	<b>-5.80</b>	0.02	CO 12
	1890	1.129	Max M <sub>z</sub>	-5.95	-0.07	-4.57	0.02	-3.87	<b>0.02</b>	CO 8
	1569	0.000	Min M <sub>z</sub>	-6.06	-0.07	-4.40	0.02	1.20	<b>-0.06</b>	CO 8
2194	1689	0.000	max N	<b>-0.93</b>	0.00	-4.07	0.00	1.06	0.00	CO 12
			min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	-0.94	<b>0.00</b>	-4.07	0.00	1.06	0.00	CO 8
			min V <sub>y</sub>	-0.94	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-0.94	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.93	0.00	<b>-4.07</b>	0.00	1.06	0.00	CO 12
			max M <sub>T</sub>	-0.93	0.00	-4.07	<b>0.00</b>	1.06	0.00	CO 12
			min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.93	0.00	-4.07	0.00	<b>1.06</b>	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-0.94	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-0.94	0.00	-4.07	0.00	1.06	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.94	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1863	0.522	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1863	0.522	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1689	0.000	Min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1689	0.000	Max V <sub>y</sub>	-0.94	<b>0.00</b>	-4.07	0.00	1.06	0.00	CO 8
	1689	0.000	Min V <sub>y</sub>	-0.94	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
	1863	0.522	Max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
	1689	0.000	Min V <sub>z</sub>	-0.93	0.00	<b>-4.07</b>	0.00	1.06	0.00	CO 12
	1689	0.000	Max M <sub>T</sub>	-0.93	0.00	-4.07	<b>0.00</b>	1.06	0.00	CO 12
	1689	0.000	Min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	1689	0.000	Max M <sub>y</sub>	-0.93	0.00	-4.07	0.00	<b>1.06</b>	0.00	CO 12
	1863	0.522	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
	1689	0.000	Max M <sub>z</sub>	-0.94	0.00	-4.07	0.00	1.06	<b>0.00</b>	CO 8
	1689	0.000	Min M <sub>z</sub>	-0.94	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
2196	1903	0.000	max N	<b>78.39</b>	0.02	3.53	0.00	-2.75	0.01	CO 17
			min N	<b>8.71</b>	0.00	0.51	0.01	-0.36	0.01	CO 9
			max V <sub>y</sub>	64.61	<b>0.12</b>	-2.29	-0.02	2.03	0.03	CO 12
			min V <sub>y</sub>	8.71	<b>0.00</b>	0.51	0.01	-0.36	0.01	CO 9
			max V <sub>z</sub>	78.39	0.02	<b>3.53</b>	0.00	-2.75	0.01	CO 17
			min V <sub>z</sub>	12.58	0.11	<b>-4.40</b>	-0.02	3.80	0.03	CO 8
			max M <sub>T</sub>	8.71	0.00	0.51	<b>0.01</b>	-0.36	0.01	CO 9
			min M <sub>T</sub>	12.58	0.11	-4.40	<b>-0.02</b>	3.80	0.03	CO 8
			max M <sub>y</sub>	12.58	0.11	-4.40	-0.02	<b>3.80</b>	0.03	CO 8
			min M <sub>y</sub>	78.39	0.02	3.53	0.00	<b>-2.75</b>	0.01	CO 17
			max M <sub>z</sub>	64.61	0.12	-2.29	-0.02	2.03	<b>0.03</b>	CO 12
			min M <sub>z</sub>	12.67	0.00	0.58	0.00	-0.42	<b>0.00</b>	CO 1
	550	1.129	max N	<b>78.26</b>	0.02	3.22	0.00	1.00	-0.01	CO 17
			min N	<b>8.58</b>	0.00	0.33	0.01	0.12	0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	64.48	<b>0.13</b>	-2.37	-0.02	-0.56	-0.11	CO 12
			min V <sub>y</sub>	8.58	<b>0.00</b>	0.33	0.01	0.12	0.01	CO 9
			max V <sub>z</sub>	78.26	0.02	<b>3.22</b>	0.00	1.00	-0.01	CO 17
			min V <sub>z</sub>	12.45	0.11	<b>-4.54</b>	-0.02	-1.24	-0.10	CO 8
			max M <sub>T</sub>	8.58	0.00	0.33	<b>0.01</b>	0.12	0.01	CO 9
			min M <sub>T</sub>	12.45	0.11	-4.54	<b>-0.02</b>	-1.24	-0.10	CO 8
			max M <sub>y</sub>	78.26	0.02	3.22	0.00	<b>1.00</b>	-0.01	CO 17
			min M <sub>y</sub>	12.45	0.11	-4.54	-0.02	<b>-1.24</b>	-0.10	CO 8
			max M <sub>z</sub>	8.58	0.00	0.33	0.01	0.12	<b>0.01</b>	CO 9
			min M <sub>z</sub>	64.48	0.13	-2.37	-0.02	-0.56	<b>-0.11</b>	CO 12
	1903	0.000	Max N	<b>78.39</b>	0.02	3.53	0.00	-2.75	0.01	CO 17
	550	1.129	Min N	<b>8.58</b>	0.00	0.33	0.01	0.12	0.01	CO 9
	550	1.129	Max V <sub>y</sub>	64.48	<b>0.13</b>	-2.37	-0.02	-0.56	-0.11	CO 12
	550	1.129	Min V <sub>y</sub>	8.58	<b>0.00</b>	0.33	0.01	0.12	0.01	CO 9
	1903	0.000	Max V <sub>z</sub>	78.39	0.02	<b>3.53</b>	0.00	-2.75	0.01	CO 17
	550	1.129	Min V <sub>z</sub>	12.45	0.11	<b>-4.54</b>	-0.02	-1.24	-0.10	CO 8
	550	1.129	Max M <sub>T</sub>	8.58	0.00	0.33	<b>0.01</b>	0.12	0.01	CO 9
	550	1.129	Min M <sub>T</sub>	12.45	0.11	-4.54	<b>-0.02</b>	-1.24	-0.10	CO 8
	1903	0.000	Max M <sub>y</sub>	12.58	0.11	-4.40	-0.02	<b>3.80</b>	0.03	CO 8
	1903	0.000	Min M <sub>y</sub>	78.39	0.02	3.53	0.00	<b>-2.75</b>	0.01	CO 17
	1903	0.000	Max M <sub>z</sub>	64.61	0.12	-2.29	-0.02	2.03	<b>0.03</b>	CO 12
	550	1.129	Min M <sub>z</sub>	64.48	0.13	-2.37	-0.02	-0.56	<b>-0.11</b>	CO 12
2197	550	0.000	max N	<b>-4.01</b>	0.10	0.82	0.03	-0.60	0.03	CO 8
			min N	<b>-81.47</b>	0.01	0.55	0.00	0.20	0.01	CO 17
			max V <sub>y</sub>	-58.38	<b>0.11</b>	1.19	0.03	-0.48	0.04	CO 12
			min V <sub>y</sub>	-8.68	<b>0.00</b>	-0.04	0.00	0.09	0.00	CO 9
			max V <sub>z</sub>	-58.38	0.11	<b>1.19</b>	0.03	-0.48	0.04	CO 12
			min V <sub>z</sub>	-8.68	0.00	<b>-0.04</b>	0.00	0.09	0.00	CO 9
			max M <sub>T</sub>	-58.38	0.11	1.19	<b>0.03</b>	-0.48	0.04	CO 12
			min M <sub>T</sub>	-8.68	0.00	-0.04	<b>0.00</b>	0.09	0.00	CO 9
			max M <sub>y</sub>	-79.10	0.01	0.49	0.00	<b>0.22</b>	0.01	CO 19
			min M <sub>y</sub>	-4.01	0.10	0.82	0.03	<b>-0.60</b>	0.03	CO 8
			max M <sub>z</sub>	-58.38	0.11	1.19	0.03	-0.48	<b>0.04</b>	CO 12
			min M <sub>z</sub>	-12.63	0.00	0.05	0.00	0.06	<b>0.00</b>	CO 1
	1908	1.129	max N	<b>-3.88</b>	0.09	0.64	0.03	0.23	-0.08	CO 8
			min N	<b>-81.35</b>	0.01	0.29	0.00	0.69	-0.01	CO 17
			max V <sub>y</sub>	-58.26	<b>0.11</b>	0.99	0.03	0.77	-0.09	CO 12
			min V <sub>y</sub>	-8.55	<b>0.00</b>	-0.22	0.00	-0.06	0.00	CO 9
			max V <sub>z</sub>	-58.26	0.11	<b>0.99</b>	0.03	0.77	-0.09	CO 12
			min V <sub>z</sub>	-8.55	0.00	<b>-0.22</b>	0.00	-0.06	0.00	CO 9
			max M <sub>T</sub>	-58.26	0.11	0.99	<b>0.03</b>	0.77	-0.09	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-8.55	0.00	-0.22	<b>0.00</b>	-0.06	0.00	CO 9
			max M <sub>y</sub>	-76.13	0.08	0.76	0.02	<b>0.82</b>	-0.06	CO 18
			min M <sub>y</sub>	-8.55	0.00	-0.22	0.00	<b>-0.06</b>	0.00	CO 9
			max M <sub>z</sub>	-8.55	0.00	-0.22	0.00	-0.06	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-58.26	0.11	0.99	0.03	0.77	<b>-0.09</b>	CO 12
	1908	1.129	Max N	<b>-3.88</b>	0.09	0.64	0.03	0.23	-0.08	CO 8
	550	0.000	Min N	<b>-81.47</b>	0.01	0.55	0.00	0.20	0.01	CO 17
		0.452	Max V <sub>y</sub>	-58.33	<b>0.11</b>	1.13	0.03	0.04	-0.01	CO 12
	550	0.000	Min V <sub>y</sub>	-8.68	<b>0.00</b>	-0.04	0.00	0.09	0.00	CO 9
	550	0.000	Max V <sub>z</sub>	-58.38	0.11	<b>1.19</b>	0.03	-0.48	0.04	CO 12
	1908	1.129	Min V <sub>z</sub>	-8.55	0.00	<b>-0.22</b>	0.00	-0.06	0.00	CO 9
	1908	1.129	Max M <sub>T</sub>	-58.26	0.11	0.99	<b>0.03</b>	0.77	-0.09	CO 12
	550	0.000	Min M <sub>T</sub>	-8.68	0.00	-0.04	<b>0.00</b>	0.09	0.00	CO 9
	1908	1.129	Max M <sub>y</sub>	-76.13	0.08	0.76	0.02	<b>0.82</b>	-0.06	CO 18
	550	0.000	Min M <sub>y</sub>	-4.01	0.10	0.82	0.03	<b>-0.60</b>	0.03	CO 8
	550	0.000	Max M <sub>z</sub>	-58.38	0.11	1.19	0.03	-0.48	<b>0.04</b>	CO 12
	1908	1.129	Min M <sub>z</sub>	-58.26	0.11	0.99	0.03	0.77	<b>-0.09</b>	CO 12
2198	1908	0.000	max N	<b>1.48</b>	0.00	-0.24	0.00	0.48	0.00	CO 13
			min N	<b>-1.65</b>	-0.12	-0.35	-0.03	0.27	-0.11	CO 8
			max V <sub>y</sub>	1.11	<b>0.01</b>	-0.04	0.01	0.14	0.01	CO 9
			min V <sub>y</sub>	-1.33	<b>-0.14</b>	-0.54	-0.04	0.62	-0.12	CO 12
			max V <sub>z</sub>	1.11	0.01	<b>-0.04</b>	0.01	0.14	0.01	CO 9
			min V <sub>z</sub>	-1.33	-0.14	<b>-0.54</b>	-0.04	0.62	-0.12	CO 12
			max M <sub>T</sub>	1.11	0.01	-0.04	<b>0.01</b>	0.14	0.01	CO 9
			min M <sub>T</sub>	-1.33	-0.14	-0.54	<b>-0.04</b>	0.62	-0.12	CO 12
			max M <sub>y</sub>	-0.25	-0.09	-0.48	-0.02	<b>0.66</b>	-0.08	CO 18
			min M <sub>y</sub>	1.11	0.01	-0.04	0.01	<b>0.14</b>	0.01	CO 9
			max M <sub>z</sub>	1.11	0.01	-0.04	0.01	0.14	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-1.33	-0.14	-0.54	-0.04	0.62	<b>-0.12</b>	CO 12
	553	1.129	max N	<b>1.35</b>	0.00	-0.41	0.00	0.11	0.00	CO 13
			min N	<b>-1.78</b>	-0.12	-0.52	-0.03	-0.22	0.03	CO 8
			max V <sub>y</sub>	0.97	<b>0.01</b>	-0.22	0.01	-0.01	0.00	CO 9
			min V <sub>y</sub>	-1.46	<b>-0.14</b>	-0.72	-0.04	-0.10	0.04	CO 12
			max V <sub>z</sub>	0.97	0.01	<b>-0.22</b>	0.01	-0.01	0.00	CO 9
			min V <sub>z</sub>	-1.46	-0.14	<b>-0.72</b>	-0.04	-0.10	0.04	CO 12
			max M <sub>T</sub>	0.97	0.01	-0.22	<b>0.01</b>	-0.01	0.00	CO 9
			min M <sub>T</sub>	-1.46	-0.14	-0.72	<b>-0.04</b>	-0.10	0.04	CO 12
			max M <sub>y</sub>	1.31	-0.01	-0.47	0.00	<b>0.14</b>	0.00	CO 19
			min M <sub>y</sub>	-1.78	-0.12	-0.52	-0.03	<b>-0.22</b>	0.03	CO 8
			max M <sub>z</sub>	-1.46	-0.14	-0.72	-0.04	-0.10	<b>0.04</b>	CO 12
			min M <sub>z</sub>	0.97	0.01	-0.22	0.01	-0.01	<b>0.00</b>	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1908	0.000	Max N	<b>1.48</b>	0.00	-0.24	0.00	0.48	0.00	CO 13
	553	1.129	Min N	<b>-1.78</b>	-0.12	-0.52	-0.03	-0.22	0.03	CO 8
	553	1.129	Max V <sub>y</sub>	0.97	<b>0.01</b>	-0.22	0.01	-0.01	0.00	CO 9
		0.677	Min V <sub>y</sub>	-1.41	<b>-0.14</b>	-0.65	-0.04	0.21	-0.03	CO 12
	1908	0.000	Max V <sub>z</sub>	1.11	0.01	<b>-0.04</b>	0.01	0.14	0.01	CO 9
	553	1.129	Min V <sub>z</sub>	-1.46	-0.14	<b>-0.72</b>	-0.04	-0.10	0.04	CO 12
	1908	0.000	Max M <sub>T</sub>	1.11	0.01	-0.04	<b>0.01</b>	0.14	0.01	CO 9
	1908	0.000	Min M <sub>T</sub>	-1.33	-0.14	-0.54	<b>-0.04</b>	0.62	-0.12	CO 12
	1908	0.000	Max M <sub>y</sub>	-0.25	-0.09	-0.48	-0.02	<b>0.66</b>	-0.08	CO 18
	553	1.129	Min M <sub>y</sub>	-1.78	-0.12	-0.52	-0.03	<b>-0.22</b>	0.03	CO 8
	553	1.129	Max M <sub>z</sub>	-1.46	-0.14	-0.72	-0.04	-0.10	<b>0.04</b>	CO 12
	1908	0.000	Min M <sub>z</sub>	-1.33	-0.14	-0.54	-0.04	0.62	<b>-0.12</b>	CO 12
2199	553	0.000	max N	<b>3.09</b>	-0.05	0.03	0.01	0.10	-0.06	CO 8
			min N	<b>-0.36</b>	-0.01	0.58	0.00	0.00	0.00	CO 13
			max V <sub>y</sub>	0.49	<b>0.00</b>	0.27	0.00	-0.04	0.00	CO 1
			min V <sub>y</sub>	3.09	<b>-0.05</b>	0.03	0.01	0.10	-0.06	CO 8
			max V <sub>z</sub>	-0.34	-0.01	<b>0.64</b>	0.00	0.04	0.00	CO 19
			min V <sub>z</sub>	3.09	-0.05	<b>0.03</b>	0.01	0.10	-0.06	CO 8
			max M <sub>T</sub>	2.86	-0.05	0.14	<b>0.01</b>	0.13	-0.06	CO 10
			min M <sub>T</sub>	-0.36	-0.01	0.58	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	2.66	-0.05	0.31	0.01	<b>0.17</b>	-0.07	CO 12
			min M <sub>y</sub>	0.12	0.00	0.31	0.00	<b>-0.07</b>	0.01	CO 9
			max M <sub>z</sub>	0.12	0.00	0.31	0.00	-0.07	<b>0.01</b>	CO 9
			min M <sub>z</sub>	2.66	-0.05	0.31	0.01	0.17	<b>-0.07</b>	CO 12
	1906	1.129	max N	<b>3.22</b>	-0.05	-0.15	0.01	0.04	0.00	CO 8
			min N	<b>-0.24</b>	-0.01	0.40	0.00	0.56	0.01	CO 13
			max V <sub>y</sub>	0.62	<b>0.00</b>	0.08	0.00	0.16	0.00	CO 1
			min V <sub>y</sub>	3.22	<b>-0.05</b>	-0.15	0.01	0.04	0.00	CO 8
			max V <sub>z</sub>	-0.21	-0.01	<b>0.46</b>	0.00	0.66	0.01	CO 19
			min V <sub>z</sub>	3.22	-0.05	<b>-0.15</b>	0.01	0.04	0.00	CO 8
			max M <sub>T</sub>	2.99	-0.05	-0.04	<b>0.01</b>	0.19	-0.01	CO 10
			min M <sub>T</sub>	-0.24	-0.01	0.40	<b>0.00</b>	0.56	0.01	CO 13
			max M <sub>y</sub>	-0.21	-0.01	0.46	0.00	<b>0.66</b>	0.01	CO 19
			min M <sub>y</sub>	3.22	-0.05	-0.15	0.01	<b>0.04</b>	0.00	CO 8
			max M <sub>z</sub>	-0.24	-0.01	0.40	0.00	0.56	<b>0.01</b>	CO 13
			min M <sub>z</sub>	2.79	-0.05	0.13	0.01	0.43	<b>-0.01</b>	CO 12
	1906	1.129	Max N	<b>3.22</b>	-0.05	-0.15	0.01	0.04	0.00	CO 8
	553	0.000	Min N	<b>-0.36</b>	-0.01	0.58	0.00	0.00	0.00	CO 13
	1906	1.129	Max V <sub>y</sub>	0.62	<b>0.00</b>	0.08	0.00	0.16	0.00	CO 1
	553	0.000	Min V <sub>y</sub>	3.09	<b>-0.05</b>	0.03	0.01	0.10	-0.06	CO 8
	553	0.000	Max V <sub>z</sub>	-0.34	-0.01	<b>0.64</b>	0.00	0.04	0.00	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1906	1.129	Min V <sub>z</sub>	3.22	-0.05	<b>-0.15</b>	0.01	0.04	0.00	CO 8
	553	0.000	Max M <sub>T</sub>	2.86	-0.05	0.14	<b>0.01</b>	0.13	-0.06	CO 10
	1906	1.129	Min M <sub>T</sub>	-0.24	-0.01	0.40	<b>0.00</b>	0.56	0.01	CO 13
	1906	1.129	Max M <sub>y</sub>	-0.21	-0.01	0.46	0.00	<b>0.66</b>	0.01	CO 19
	553	0.000	Min M <sub>y</sub>	0.12	0.00	0.31	0.00	<b>-0.07</b>	0.01	CO 9
	1906	1.129	Max M <sub>z</sub>	-0.24	-0.01	0.40	0.00	0.56	<b>0.01</b>	CO 13
	553	0.000	Min M <sub>z</sub>	2.66	-0.05	0.31	0.01	0.17	<b>-0.07</b>	CO 12
2200	1906	0.000	max N	<b>-7.12</b>	0.01	-0.04	0.00	0.02	0.00	CO 9
			min N	<b>-79.25</b>	0.01	-0.18	0.00	0.62	0.01	CO 18
			max V <sub>y</sub>	-12.09	<b>0.02</b>	0.88	0.00	-0.28	0.02	CO 8
			min V <sub>y</sub>	-12.06	<b>0.00</b>	0.05	0.00	0.04	0.00	CO 1
			max V <sub>z</sub>	-12.09	0.02	<b>0.88</b>	0.00	-0.28	0.02	CO 8
			min V <sub>z</sub>	-76.24	0.01	<b>-0.74</b>	0.00	0.81	0.01	CO 19
			max M <sub>T</sub>	-60.14	0.01	-0.64	<b>0.00</b>	0.64	0.01	CO 13
			min M <sub>T</sub>	-65.14	0.02	0.28	<b>0.00</b>	0.34	0.02	CO 12
			max M <sub>y</sub>	-79.20	0.00	-0.68	0.00	<b>0.82</b>	0.00	CO 17
			min M <sub>y</sub>	-12.09	0.02	0.88	0.00	<b>-0.28</b>	0.02	CO 8
			max M <sub>z</sub>	-45.04	0.02	0.55	0.00	0.08	<b>0.02</b>	CO 14
			min M <sub>z</sub>	-12.06	0.00	0.05	0.00	0.04	<b>0.00</b>	CO 1
	552	1.129	max N	<b>-7.26</b>	0.01	-0.21	0.00	-0.12	-0.01	CO 9
			min N	<b>-79.39</b>	0.01	-0.43	0.00	0.27	0.00	CO 18
			max V <sub>y</sub>	-12.22	<b>0.02</b>	0.70	0.00	0.61	-0.01	CO 8
			min V <sub>y</sub>	-12.19	<b>0.00</b>	-0.12	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-12.22	0.02	<b>0.70</b>	0.00	0.61	-0.01	CO 8
			min V <sub>z</sub>	-76.38	0.01	<b>-0.96</b>	0.00	-0.17	-0.01	CO 19
			max M <sub>T</sub>	-60.27	0.01	-0.85	<b>0.00</b>	-0.21	-0.01	CO 13
			min M <sub>T</sub>	-65.27	0.02	0.05	<b>0.00</b>	0.53	0.00	CO 12
			max M <sub>y</sub>	-12.22	0.02	0.70	0.00	<b>0.61</b>	-0.01	CO 8
			min M <sub>y</sub>	-60.27	0.01	-0.85	0.00	<b>-0.21</b>	-0.01	CO 13
			max M <sub>z</sub>	-32.26	0.00	-0.41	0.00	-0.06	<b>0.00</b>	CO 2
			min M <sub>z</sub>	-60.27	0.01	-0.85	0.00	-0.21	<b>-0.01</b>	CO 13
	1906	0.000	Max N	<b>-7.12</b>	0.01	-0.04	0.00	0.02	0.00	CO 9
	552	1.129	Min N	<b>-79.39</b>	0.01	-0.43	0.00	0.27	0.00	CO 18
		0.677	Max V <sub>y</sub>	-12.17	<b>0.02</b>	0.77	0.00	0.28	0.00	CO 8
	1906	0.000	Min V <sub>y</sub>	-12.06	<b>0.00</b>	0.05	0.00	0.04	0.00	CO 1
	1906	0.000	Max V <sub>z</sub>	-12.09	0.02	<b>0.88</b>	0.00	-0.28	0.02	CO 8
	552	1.129	Min V <sub>z</sub>	-76.38	0.01	<b>-0.96</b>	0.00	-0.17	-0.01	CO 19
	1906	0.000	Max M <sub>T</sub>	-60.14	0.01	-0.64	<b>0.00</b>	0.64	0.01	CO 13
		0.903	Min M <sub>T</sub>	-65.25	0.02	0.10	<b>0.00</b>	0.51	0.00	CO 12
	1906	0.000	Max M <sub>y</sub>	-79.20	0.00	-0.68	0.00	<b>0.82</b>	0.00	CO 17
	1906	0.000	Min M <sub>y</sub>	-12.09	0.02	0.88	0.00	<b>-0.28</b>	0.02	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1906	0.000	Max M <sub>z</sub>	-45.04	0.02	0.55	0.00	0.08	<b>0.02</b>	CO 14
	552	1.129	Min M <sub>z</sub>	-60.27	0.01	-0.85	0.00	-0.21	<b>-0.01</b>	CO 13
2201	552	0.000	max N	<b>80.13</b>	0.00	-0.93	0.00	0.38	0.00	CO 17
			min N	<b>5.12</b>	-0.03	-4.33	-0.01	1.19	-0.01	CO 8
			max V <sub>y</sub>	63.07	<b>0.02</b>	0.49	0.01	-0.03	0.01	CO 13
			min V <sub>y</sub>	58.30	<b>-0.03</b>	-5.08	-0.01	1.48	-0.01	CO 12
			max V <sub>z</sub>	9.82	0.02	<b>1.19</b>	0.01	-0.30	0.01	CO 9
			min V <sub>z</sub>	58.30	-0.03	<b>-5.08</b>	-0.01	1.48	-0.01	CO 12
			max M <sub>T</sub>	9.82	0.02	1.19	<b>0.01</b>	-0.30	0.01	CO 9
			min M <sub>T</sub>	58.30	-0.03	-5.08	<b>-0.01</b>	1.48	-0.01	CO 12
			max M <sub>y</sub>	58.30	-0.03	-5.08	-0.01	<b>1.48</b>	-0.01	CO 12
			min M <sub>y</sub>	9.82	0.02	1.19	0.01	<b>-0.30</b>	0.01	CO 9
			max M <sub>z</sub>	63.07	0.02	0.49	0.01	-0.03	<b>0.01</b>	CO 13
			min M <sub>z</sub>	58.30	-0.03	-5.08	-0.01	1.48	<b>-0.01</b>	CO 12
	1902	1.129	max N	<b>80.26</b>	0.00	-1.14	0.00	-0.76	0.00	CO 17
			min N	<b>5.24</b>	-0.03	-4.53	-0.01	-3.80	0.02	CO 8
			max V <sub>y</sub>	63.19	<b>0.02</b>	0.34	0.01	0.44	-0.01	CO 13
			min V <sub>y</sub>	58.41	<b>-0.03</b>	-5.42	-0.01	-4.38	0.02	CO 12
			max V <sub>z</sub>	9.95	0.02	<b>1.02</b>	0.01	0.94	-0.01	CO 9
			min V <sub>z</sub>	58.41	-0.03	<b>-5.42</b>	-0.01	-4.38	0.02	CO 12
			max M <sub>T</sub>	9.95	0.02	1.02	<b>0.01</b>	0.94	-0.01	CO 9
			min M <sub>T</sub>	58.41	-0.03	-5.42	<b>-0.01</b>	-4.38	0.02	CO 12
			max M <sub>y</sub>	30.54	0.02	1.01	0.01	<b>0.96</b>	-0.01	CO 11
			min M <sub>y</sub>	58.41	-0.03	-5.42	-0.01	<b>-4.38</b>	0.02	CO 12
			max M <sub>z</sub>	25.81	-0.03	-4.62	-0.01	-3.82	<b>0.02</b>	CO 10
			min M <sub>z</sub>	9.95	0.02	1.02	0.01	0.94	<b>-0.01</b>	CO 9
	1902	1.129	Max N	<b>80.26</b>	0.00	-1.14	0.00	-0.76	0.00	CO 17
	552	0.000	Min N	<b>5.12</b>	-0.03	-4.33	-0.01	1.19	-0.01	CO 8
	552	0.000	Max V <sub>y</sub>	63.07	<b>0.02</b>	0.49	0.01	-0.03	0.01	CO 13
	1902	1.129	Min V <sub>y</sub>	58.41	<b>-0.03</b>	-5.42	-0.01	-4.38	0.02	CO 12
	552	0.000	Max V <sub>z</sub>	9.82	0.02	<b>1.19</b>	0.01	-0.30	0.01	CO 9
	1902	1.129	Min V <sub>z</sub>	58.41	-0.03	<b>-5.42</b>	-0.01	-4.38	0.02	CO 12
	552	0.000	Max M <sub>T</sub>	9.82	0.02	1.19	<b>0.01</b>	-0.30	0.01	CO 9
	552	0.000	Min M <sub>T</sub>	58.30	-0.03	-5.08	<b>-0.01</b>	1.48	-0.01	CO 12
	552	0.000	Max M <sub>y</sub>	58.30	-0.03	-5.08	-0.01	<b>1.48</b>	-0.01	CO 12
	1902	1.129	Min M <sub>y</sub>	58.41	-0.03	-5.42	-0.01	<b>-4.38</b>	0.02	CO 12
	1902	1.129	Max M <sub>z</sub>	25.81	-0.03	-4.62	-0.01	-3.82	<b>0.02</b>	CO 10
	552	0.000	Min M <sub>z</sub>	58.30	-0.03	-5.08	-0.01	1.48	<b>-0.01</b>	CO 12
2202	1904	0.000	max N	<b>65.80</b>	0.00	2.58	0.00	-2.07	0.01	CO 17
			min N	<b>4.34</b>	0.01	0.62	0.00	-0.45	0.01	CO 9
			max V <sub>y</sub>	4.34	<b>0.01</b>	0.62	0.00	-0.45	0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	8.54	<b>0.00</b>	-4.39	0.02	3.81	-0.02	CO 8
			max V <sub>z</sub>	63.05	0.00	<b>2.72</b>	0.00	-2.17	0.01	CO 19
			min V <sub>z</sub>	8.54	0.00	<b>-4.39</b>	0.02	3.81	-0.02	CO 8
			max M <sub>T</sub>	53.61	0.00	-2.86	<b>0.02</b>	2.47	-0.01	CO 12
			min M <sub>T</sub>	8.95	0.00	0.40	<b>0.00</b>	-0.29	0.00	CO 1
			max M <sub>y</sub>	8.54	0.00	-4.39	0.02	<b>3.81</b>	-0.02	CO 8
			min M <sub>y</sub>	63.05	0.00	2.72	0.00	<b>-2.17</b>	0.01	CO 19
			max M <sub>z</sub>	4.34	0.01	0.62	0.00	-0.45	<b>0.01</b>	CO 9
			min M <sub>z</sub>	8.54	0.00	-4.39	0.02	3.81	<b>-0.02</b>	CO 8
	551	1.129	max N	<b>65.67</b>	0.00	2.32	0.00	0.66	0.00	CO 17
			min N	<b>4.21</b>	0.01	0.44	0.00	0.15	0.00	CO 9
			max V <sub>y</sub>	4.21	<b>0.01</b>	0.44	0.00	0.15	0.00	CO 9
			min V <sub>y</sub>	8.41	<b>0.00</b>	-4.54	0.02	-1.23	-0.01	CO 8
			max V <sub>z</sub>	62.92	0.00	<b>2.46</b>	0.00	0.71	0.01	CO 19
			min V <sub>z</sub>	8.41	0.00	<b>-4.54</b>	0.02	-1.23	-0.01	CO 8
			max M <sub>T</sub>	53.48	0.00	-2.94	<b>0.02</b>	-0.77	-0.01	CO 12
			min M <sub>T</sub>	8.81	0.00	0.23	<b>0.00</b>	0.06	0.00	CO 1
			max M <sub>y</sub>	62.92	0.00	2.46	0.00	<b>0.71</b>	0.01	CO 19
			min M <sub>y</sub>	8.41	0.00	-4.54	0.02	<b>-1.23</b>	-0.01	CO 8
			max M <sub>z</sub>	49.23	0.00	2.10	0.00	0.62	<b>0.01</b>	CO 13
			min M <sub>z</sub>	8.41	0.00	-4.54	0.02	-1.23	<b>-0.01</b>	CO 8
	1904	0.000	Max N	<b>65.80</b>	0.00	2.58	0.00	-2.07	0.01	CO 17
	551	1.129	Min N	<b>4.21</b>	0.01	0.44	0.00	0.15	0.00	CO 9
	551	1.129	Max V <sub>y</sub>	4.21	<b>0.01</b>	0.44	0.00	0.15	0.00	CO 9
	551	1.129	Min V <sub>y</sub>	8.41	<b>0.00</b>	-4.54	0.02	-1.23	-0.01	CO 8
	1904	0.000	Max V <sub>z</sub>	63.05	0.00	<b>2.72</b>	0.00	-2.17	0.01	CO 19
	551	1.129	Min V <sub>z</sub>	8.41	0.00	<b>-4.54</b>	0.02	-1.23	-0.01	CO 8
	1904	0.000	Max M <sub>T</sub>	53.61	0.00	-2.86	<b>0.02</b>	2.47	-0.01	CO 12
	551	1.129	Min M <sub>T</sub>	8.81	0.00	0.23	<b>0.00</b>	0.06	0.00	CO 1
	1904	0.000	Max M <sub>y</sub>	8.54	0.00	-4.39	0.02	<b>3.81</b>	-0.02	CO 8
	1904	0.000	Min M <sub>y</sub>	63.05	0.00	2.72	0.00	<b>-2.17</b>	0.01	CO 19
	1904	0.000	Max M <sub>z</sub>	4.34	0.01	0.62	0.00	-0.45	<b>0.01</b>	CO 9
	1904	0.000	Min M <sub>z</sub>	8.54	0.00	-4.39	0.02	3.81	<b>-0.02</b>	CO 8
2204	551	0.000	max N	<b>0.04</b>	0.00	0.88	0.00	-0.60	0.01	CO 8
			min N	<b>-67.14</b>	0.00	1.03	0.00	-0.04	0.00	CO 17
			max V <sub>y</sub>	-46.28	<b>0.01</b>	1.54	0.00	-0.64	0.01	CO 12
			min V <sub>y</sub>	-8.55	<b>0.00</b>	0.17	0.00	0.01	0.00	CO 1
			max V <sub>z</sub>	-46.28	0.01	<b>1.54</b>	0.00	-0.64	0.01	CO 12
			min V <sub>z</sub>	-4.51	0.00	<b>0.01</b>	0.00	0.08	0.00	CO 9
			max M <sub>T</sub>	0.04	0.00	0.88	<b>0.00</b>	-0.60	0.01	CO 8
			min M <sub>T</sub>	-50.87	0.00	0.69	<b>0.00</b>	0.05	0.00	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-4.51	0.00	0.01	0.00	<b>0.08</b>	0.00	CO 9
			min M <sub>y</sub>	-46.28	0.01	1.54	0.00	<b>-0.64</b>	0.01	CO 12
			max M <sub>z</sub>	-46.28	0.01	1.54	0.00	-0.64	<b>0.01</b>	CO 12
			min M <sub>z</sub>	-8.55	0.00	0.17	0.00	0.01	<b>0.00</b>	CO 1
	1909	1.129	max N	<b>0.16</b>	0.00	0.70	0.00	0.28	0.01	CO 8
			min N	<b>-67.01</b>	0.00	0.78	0.00	1.00	0.00	CO 17
			max V <sub>y</sub>	-46.15	<b>0.01</b>	1.34	0.00	1.01	0.01	CO 12
			min V <sub>y</sub>	-8.42	<b>0.00</b>	-0.01	0.00	0.10	0.00	CO 1
			max V <sub>z</sub>	-46.15	0.01	<b>1.34</b>	0.00	1.01	0.01	CO 12
			min V <sub>z</sub>	-4.38	0.01	<b>-0.17</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.16	0.00	0.70	<b>0.00</b>	0.28	0.01	CO 8
			min M <sub>T</sub>	-50.74	0.00	0.47	<b>0.00</b>	0.72	0.00	CO 13
			max M <sub>y</sub>	-61.83	0.01	1.22	0.00	<b>1.12</b>	0.00	CO 18
			min M <sub>y</sub>	-4.38	0.01	-0.17	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.16	0.00	0.70	0.00	0.28	<b>0.01</b>	CO 8
			min M <sub>z</sub>	-4.38	0.01	-0.17	0.00	0.00	<b>0.00</b>	CO 9
	1909	1.129	Max N	<b>0.16</b>	0.00	0.70	0.00	0.28	0.01	CO 8
	551	0.000	Min N	<b>-67.14</b>	0.00	1.03	0.00	-0.04	0.00	CO 17
	1909	1.129	Max V <sub>y</sub>	-46.15	<b>0.01</b>	1.34	0.00	1.01	0.01	CO 12
	551	0.000	Min V <sub>y</sub>	-8.55	<b>0.00</b>	0.17	0.00	0.01	0.00	CO 1
	551	0.000	Max V <sub>z</sub>	-46.28	0.01	<b>1.54</b>	0.00	-0.64	0.01	CO 12
	1909	1.129	Min V <sub>z</sub>	-4.38	0.01	<b>-0.17</b>	0.00	0.00	0.00	CO 9
	1909	1.129	Max M <sub>T</sub>	0.16	0.00	0.70	<b>0.00</b>	0.28	0.01	CO 8
	1909	1.129	Min M <sub>T</sub>	-50.74	0.00	0.47	<b>0.00</b>	0.72	0.00	CO 13
	1909	1.129	Max M <sub>y</sub>	-61.83	0.01	1.22	0.00	<b>1.12</b>	0.00	CO 18
	551	0.000	Min M <sub>y</sub>	-46.28	0.01	1.54	0.00	<b>-0.64</b>	0.01	CO 12
	551	0.000	Max M <sub>z</sub>	-46.28	0.01	1.54	0.00	-0.64	<b>0.01</b>	CO 12
	1909	1.129	Min M <sub>z</sub>	-4.38	0.01	-0.17	0.00	0.00	<b>0.00</b>	CO 9
2207	1909	0.000	max N	<b>0.67</b>	0.00	0.15	0.00	-0.03	0.00	CO 9
			min N	<b>-2.29</b>	-0.01	-0.05	0.01	0.18	-0.02	CO 12
			max V <sub>y</sub>	0.42	<b>0.00</b>	0.23	0.00	0.04	0.01	CO 13
			min V <sub>y</sub>	-2.29	<b>-0.01</b>	-0.05	0.01	0.18	-0.02	CO 12
			max V <sub>z</sub>	0.32	0.00	<b>0.24</b>	0.00	0.07	0.00	CO 19
			min V <sub>z</sub>	-2.00	-0.01	<b>-0.14</b>	0.01	0.11	-0.02	CO 8
			max M <sub>T</sub>	-2.29	-0.01	-0.05	<b>0.01</b>	0.18	-0.02	CO 12
			min M <sub>T</sub>	0.62	0.00	0.10	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-2.29	-0.01	-0.05	0.01	<b>0.18</b>	-0.02	CO 12
			min M <sub>y</sub>	0.67	0.00	0.15	0.00	<b>-0.03</b>	0.00	CO 9
			max M <sub>z</sub>	0.42	0.00	0.23	0.00	0.04	<b>0.01</b>	CO 13
			min M <sub>z</sub>	-2.00	-0.01	-0.14	0.01	0.11	<b>-0.02</b>	CO 8
	561	1.129	max N	<b>0.53</b>	0.00	-0.03	0.00	0.04	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-2.43</b>	-0.01	-0.23	0.01	0.02	-0.01	CO 12
			max V <sub>y</sub>	0.29	<b>0.00</b>	0.06	0.00	0.21	0.00	CO 13
			min V <sub>y</sub>	-2.43	<b>-0.01</b>	-0.23	0.01	0.02	-0.01	CO 12
			max V <sub>z</sub>	0.18	0.00	<b>0.07</b>	0.00	0.25	0.00	CO 19
			min V <sub>z</sub>	-2.14	-0.01	<b>-0.31</b>	0.01	-0.15	-0.01	CO 8
			max M <sub>T</sub>	-2.43	-0.01	-0.23	<b>0.01</b>	0.02	-0.01	CO 12
			min M <sub>T</sub>	0.49	0.00	-0.07	<b>0.00</b>	0.02	0.00	CO 1
			max M <sub>y</sub>	0.18	0.00	0.07	0.00	<b>0.25</b>	0.00	CO 19
			min M <sub>y</sub>	-2.14	-0.01	-0.31	0.01	<b>-0.15</b>	-0.01	CO 8
			max M <sub>z</sub>	0.29	0.00	0.06	0.00	0.21	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-2.14	-0.01	-0.31	0.01	-0.15	<b>-0.01</b>	CO 8
	1909	0.000	Max N	<b>0.67</b>	0.00	0.15	0.00	-0.03	0.00	CO 9
	561	1.129	Min N	<b>-2.43</b>	-0.01	-0.23	0.01	0.02	-0.01	CO 12
	561	1.129	Max V <sub>y</sub>	0.29	<b>0.00</b>	0.06	0.00	0.21	0.00	CO 13
	561	1.129	Min V <sub>y</sub>	-2.43	<b>-0.01</b>	-0.23	0.01	0.02	-0.01	CO 12
	1909	0.000	Max V <sub>z</sub>	0.32	0.00	<b>0.24</b>	0.00	0.07	0.00	CO 19
	561	1.129	Min V <sub>z</sub>	-2.14	-0.01	<b>-0.31</b>	0.01	-0.15	-0.01	CO 8
	1909	0.000	Max M <sub>T</sub>	-2.29	-0.01	-0.05	<b>0.01</b>	0.18	-0.02	CO 12
		0.677	Min M <sub>T</sub>	0.54	0.00	0.00	<b>0.00</b>	0.03	0.00	CO 1
	561	1.129	Max M <sub>y</sub>	0.18	0.00	0.07	0.00	<b>0.25</b>	0.00	CO 19
	561	1.129	Min M <sub>y</sub>	-2.14	-0.01	-0.31	0.01	<b>-0.15</b>	-0.01	CO 8
	1909	0.000	Max M <sub>z</sub>	0.42	0.00	0.23	0.00	0.04	<b>0.01</b>	CO 13
	1909	0.000	Min M <sub>z</sub>	-2.00	-0.01	-0.14	0.01	0.11	<b>-0.02</b>	CO 8
2208	1898	0.000	max N	<b>-1.79</b>	0.00	7.80	0.00	-3.90	0.00	CO 8
			min N	<b>-1.80</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	-1.80	<b>0.00</b>	7.80	0.00	-3.90	0.00	CO 12
			min V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-1.79	0.00	<b>7.80</b>	0.00	-3.90	0.00	CO 8
			min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
			max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-1.80	0.00	7.80	<b>0.00</b>	-3.90	0.00	CO 12
			max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-1.79	0.00	7.80	0.00	<b>-3.90</b>	0.00	CO 8
			max M <sub>z</sub>	-1.80	0.00	7.80	0.00	-3.90	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 9
	1899	1.000	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1899	1.000	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1898	0.000	Min N	<b>-1.80</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1898	0.000	Max V <sub>y</sub>	-1.80	<b>0.00</b>	7.80	0.00	-3.90	0.00	CO 12
	1898	0.000	Min V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 9
	1898	0.000	Max V <sub>z</sub>	-1.79	0.00	<b>7.80</b>	0.00	-3.90	0.00	CO 8
	1898	0.000	Min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
	1898	0.000	Max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	1898	0.000	Min M <sub>T</sub>	-1.80	0.00	7.80	<b>0.00</b>	-3.90	0.00	CO 12
	1898	0.000	Max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
	1898	0.000	Min M <sub>y</sub>	-1.79	0.00	7.80	0.00	<b>-3.90</b>	0.00	CO 8
	1898	0.000	Max M <sub>z</sub>	-1.80	0.00	7.80	0.00	-3.90	<b>0.00</b>	CO 12
	1898	0.000	Min M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 9
2209	561	0.000	max N	<b>3.07</b>	-0.01	-0.21	0.00	0.20	0.01	CO 8
			min N	<b>0.13</b>	0.00	-0.06	0.00	0.24	0.00	CO 19
			max V <sub>y</sub>	0.41	<b>0.00</b>	0.04	0.00	0.03	0.00	CO 9
			min V <sub>y</sub>	3.03	<b>-0.01</b>	-0.24	0.00	0.26	0.01	CO 10
			max V <sub>z</sub>	0.49	0.00	<b>0.08</b>	0.00	0.02	0.00	CO 1
			min V <sub>z</sub>	2.90	-0.01	<b>-0.30</b>	0.00	0.37	0.01	CO 12
			max M <sub>T</sub>	3.07	-0.01	-0.21	<b>0.00</b>	0.20	0.01	CO 8
			min M <sub>T</sub>	0.19	0.00	-0.05	<b>0.00</b>	0.20	0.00	CO 13
			max M <sub>y</sub>	2.90	-0.01	-0.30	0.00	<b>0.37</b>	0.01	CO 12
			min M <sub>y</sub>	0.49	0.00	0.08	0.00	<b>0.02</b>	0.00	CO 1
			max M <sub>z</sub>	2.90	-0.01	-0.30	0.00	0.37	<b>0.01</b>	CO 12
			min M <sub>z</sub>	0.49	0.00	0.08	0.00	0.02	<b>0.00</b>	CO 1
	1907	1.129	max N	<b>3.20</b>	-0.01	-0.39	0.00	-0.14	0.02	CO 8
			min N	<b>0.26</b>	0.00	-0.24	0.00	0.08	0.00	CO 19
			max V <sub>y</sub>	0.53	<b>0.00</b>	-0.14	0.00	-0.02	0.00	CO 9
			min V <sub>y</sub>	3.16	<b>-0.01</b>	-0.42	0.00	-0.11	0.02	CO 10
			max V <sub>z</sub>	0.61	0.00	<b>-0.11</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	3.03	-0.01	<b>-0.48</b>	0.00	-0.07	0.02	CO 12
			max M <sub>T</sub>	3.20	-0.01	-0.39	<b>0.00</b>	-0.14	0.02	CO 8
			min M <sub>T</sub>	0.31	0.00	-0.23	<b>0.00</b>	0.05	0.00	CO 13
			max M <sub>y</sub>	0.30	0.00	-0.22	0.00	<b>0.09</b>	0.00	CO 17
			min M <sub>y</sub>	3.20	-0.01	-0.39	0.00	<b>-0.14</b>	0.02	CO 8
			max M <sub>z</sub>	3.03	-0.01	-0.48	0.00	-0.07	<b>0.02</b>	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	0.61	0.00	-0.11	0.00	0.00	<b>0.00</b>	CO 1
	1907	1.129	Max N	<b>3.20</b>	-0.01	-0.39	0.00	-0.14	0.02	CO 8
	561	0.000	Min N	<b>0.13</b>	0.00	-0.06	0.00	0.24	0.00	CO 19
	1907	1.129	Max V <sub>y</sub>	0.53	<b>0.00</b>	-0.14	0.00	-0.02	0.00	CO 9
	1907	1.129	Min V <sub>y</sub>	3.16	<b>-0.01</b>	-0.42	0.00	-0.11	0.02	CO 10
	561	0.000	Max V <sub>z</sub>	0.49	0.00	<b>0.08</b>	0.00	0.02	0.00	CO 1
	1907	1.129	Min V <sub>z</sub>	3.03	-0.01	<b>-0.48</b>	0.00	-0.07	0.02	CO 12
	561	0.000	Max M <sub>T</sub>	3.07	-0.01	-0.21	<b>0.00</b>	0.20	0.01	CO 8
	561	0.000	Min M <sub>T</sub>	0.19	0.00	-0.05	<b>0.00</b>	0.20	0.00	CO 13
	561	0.000	Max M <sub>y</sub>	2.90	-0.01	-0.30	0.00	<b>0.37</b>	0.01	CO 12
	1907	1.129	Min M <sub>y</sub>	3.20	-0.01	-0.39	0.00	<b>-0.14</b>	0.02	CO 8
	1907	1.129	Max M <sub>z</sub>	3.03	-0.01	-0.48	0.00	-0.07	<b>0.02</b>	CO 12
	561	0.000	Min M <sub>z</sub>	0.49	0.00	0.08	0.00	0.02	<b>0.00</b>	CO 1
2210	1907	0.000	max N	<b>-4.16</b>	-0.01	0.13	0.00	0.01	0.00	CO 9
			min N	<b>-67.20</b>	0.00	-0.22	0.00	0.78	-0.01	CO 18
			max V <sub>y</sub>	-8.42	<b>0.00</b>	0.01	0.00	0.10	0.00	CO 1
			min V <sub>y</sub>	-4.16	<b>-0.01</b>	0.13	0.00	0.01	0.00	CO 9
			max V <sub>z</sub>	-8.59	0.00	<b>0.92</b>	0.00	-0.26	-0.01	CO 8
			min V <sub>z</sub>	-67.06	0.00	<b>-0.77</b>	0.00	1.00	0.00	CO 17
			max M <sub>T</sub>	-50.57	0.00	-0.50	<b>0.00</b>	0.72	0.00	CO 13
			min M <sub>T</sub>	-8.42	0.00	0.01	<b>0.00</b>	0.10	0.00	CO 1
			max M <sub>y</sub>	-67.06	0.00	-0.77	0.00	<b>1.00</b>	0.00	CO 17
			min M <sub>y</sub>	-8.59	0.00	0.92	0.00	<b>-0.26</b>	-0.01	CO 8
			max M <sub>z</sub>	-8.42	0.00	0.01	0.00	0.10	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-55.04	0.00	0.30	0.00	0.45	<b>-0.01</b>	CO 12
	557	1.129	max N	<b>-4.30</b>	-0.01	-0.05	0.00	0.05	0.00	CO 9
			min N	<b>-67.33</b>	-0.01	-0.47	0.00	0.39	0.00	CO 18
			max V <sub>y</sub>	-8.56	<b>0.00</b>	-0.16	0.00	0.01	0.00	CO 1
			min V <sub>y</sub>	-4.30	<b>-0.01</b>	-0.05	0.00	0.05	0.00	CO 9
			max V <sub>z</sub>	-8.73	0.00	<b>0.75</b>	0.00	0.69	-0.01	CO 8
			min V <sub>z</sub>	-67.19	0.00	<b>-1.01</b>	0.00	-0.02	0.00	CO 17
			max M <sub>T</sub>	-50.70	0.00	-0.71	<b>0.00</b>	0.03	0.00	CO 13
			min M <sub>T</sub>	-8.56	0.00	-0.16	<b>0.00</b>	0.01	0.00	CO 1
			max M <sub>y</sub>	-8.73	0.00	0.75	0.00	<b>0.69</b>	-0.01	CO 8
			min M <sub>y</sub>	-67.19	0.00	-1.01	0.00	<b>-0.02</b>	0.00	CO 17
			max M <sub>z</sub>	-4.30	-0.01	-0.05	0.00	0.05	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-8.73	0.00	0.75	0.00	0.69	<b>-0.01</b>	CO 8
	1907	0.000	Max N	<b>-4.16</b>	-0.01	0.13	0.00	0.01	0.00	CO 9
	557	1.129	Min N	<b>-67.33</b>	-0.01	-0.47	0.00	0.39	0.00	CO 18
	1907	0.000	Max V <sub>y</sub>	-8.42	<b>0.00</b>	0.01	0.00	0.10	0.00	CO 1
	1907	0.000	Min V <sub>y</sub>	-4.16	<b>-0.01</b>	0.13	0.00	0.01	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1907	0.000	Max V <sub>z</sub>	-8.59	0.00	<b>0.92</b>	0.00	-0.26	-0.01	CO 8
	557	1.129	Min V <sub>z</sub>	-67.19	0.00	<b>-1.01</b>	0.00	-0.02	0.00	CO 17
	1907	0.000	Max M <sub>T</sub>	-50.57	0.00	-0.50	<b>0.00</b>	0.72	0.00	CO 13
	1907	0.000	Min M <sub>T</sub>	-8.42	0.00	0.01	<b>0.00</b>	0.10	0.00	CO 1
	1907	0.000	Max M <sub>y</sub>	-67.06	0.00	-0.77	0.00	<b>1.00</b>	0.00	CO 17
	1907	0.000	Min M <sub>y</sub>	-8.59	0.00	0.92	0.00	<b>-0.26</b>	-0.01	CO 8
	557	1.129	Max M <sub>z</sub>	-4.30	-0.01	-0.05	0.00	0.05	<b>0.00</b>	CO 9
	1907	0.000	Min M <sub>z</sub>	-55.04	0.00	0.30	0.00	0.45	<b>-0.01</b>	CO 12
2211	557	0.000	max N	<b>65.59</b>	0.00	-2.39	0.00	0.69	0.00	CO 17
			min N	<b>0.58</b>	-0.01	-4.93	0.01	1.37	0.02	CO 8
			max V <sub>y</sub>	8.78	<b>0.00</b>	-0.25	0.00	0.07	0.00	CO 1
			min V <sub>y</sub>	45.51	<b>-0.01</b>	-6.67	0.01	1.87	0.02	CO 12
			max V <sub>z</sub>	4.37	-0.01	<b>-0.23</b>	-0.01	0.09	0.00	CO 9
			min V <sub>z</sub>	45.51	-0.01	<b>-6.67</b>	0.01	1.87	0.02	CO 12
			max M <sub>T</sub>	0.58	-0.01	-4.93	<b>0.01</b>	1.37	0.02	CO 8
			min M <sub>T</sub>	21.68	0.00	-0.89	<b>-0.01</b>	0.28	0.00	CO 11
			max M <sub>y</sub>	45.51	-0.01	-6.67	0.01	<b>1.87</b>	0.02	CO 12
			min M <sub>y</sub>	8.78	0.00	-0.25	0.00	<b>0.07</b>	0.00	CO 1
			max M <sub>z</sub>	45.51	-0.01	-6.67	0.01	1.87	<b>0.02</b>	CO 12
			min M <sub>z</sub>	8.78	0.00	-0.25	0.00	0.07	<b>0.00</b>	CO 1
	1901	1.129	max N	<b>65.71</b>	0.00	-2.66	0.00	-2.12	0.01	CO 17
			min N	<b>0.70</b>	-0.01	-5.12	0.01	-4.30	0.03	CO 8
			max V <sub>y</sub>	8.90	<b>0.00</b>	-0.43	0.00	-0.31	0.00	CO 1
			min V <sub>y</sub>	45.61	<b>-0.02</b>	-7.03	0.01	-5.80	0.03	CO 12
			max V <sub>z</sub>	4.49	-0.01	<b>-0.41</b>	-0.01	-0.27	0.01	CO 9
			min V <sub>z</sub>	45.61	-0.02	<b>-7.03</b>	0.01	-5.80	0.03	CO 12
			max M <sub>T</sub>	0.70	-0.01	-5.12	<b>0.01</b>	-4.30	0.03	CO 8
			min M <sub>T</sub>	21.80	0.00	-1.08	<b>-0.01</b>	-0.83	0.01	CO 11
			max M <sub>y</sub>	4.49	-0.01	-0.41	-0.01	<b>-0.27</b>	0.01	CO 9
			min M <sub>y</sub>	45.61	-0.02	-7.03	0.01	<b>-5.80</b>	0.03	CO 12
			max M <sub>z</sub>	45.61	-0.02	-7.03	0.01	-5.80	<b>0.03</b>	CO 12
			min M <sub>z</sub>	8.90	0.00	-0.43	0.00	-0.31	<b>0.00</b>	CO 1
	1901	1.129	Max N	<b>65.71</b>	0.00	-2.66	0.00	-2.12	0.01	CO 17
	557	0.000	Min N	<b>0.58</b>	-0.01	-4.93	0.01	1.37	0.02	CO 8
	557	0.000	Max V <sub>y</sub>	8.78	<b>0.00</b>	-0.25	0.00	0.07	0.00	CO 1
	1901	1.129	Min V <sub>y</sub>	45.61	<b>-0.02</b>	-7.03	0.01	-5.80	0.03	CO 12
	557	0.000	Max V <sub>z</sub>	4.37	-0.01	<b>-0.23</b>	-0.01	0.09	0.00	CO 9
	1901	1.129	Min V <sub>z</sub>	45.61	-0.02	<b>-7.03</b>	0.01	-5.80	0.03	CO 12
	557	0.000	Max M <sub>T</sub>	0.58	-0.01	-4.93	<b>0.01</b>	1.37	0.02	CO 8
	557	0.000	Min M <sub>T</sub>	21.68	0.00	-0.89	<b>-0.01</b>	0.28	0.00	CO 11
	557	0.000	Max M <sub>y</sub>	45.51	-0.01	-6.67	0.01	<b>1.87</b>	0.02	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1901	1.129	Min M <sub>y</sub>	45.61	-0.02	-7.03	0.01	<b>-5.80</b>	0.03	CO 12
	1901	1.129	Max M <sub>z</sub>	45.61	-0.02	-7.03	0.01	-5.80	<b>0.03</b>	CO 12
	557	0.000	Min M <sub>z</sub>	8.78	0.00	-0.25	0.00	0.07	<b>0.00</b>	CO 1
2212	580	0.000	max N	<b>-15.82</b>	-0.08	1.05	-0.01	-0.05	0.09	CO 9
			min N	<b>-126.31</b>	0.19	-0.14	0.01	0.00	-1.30	CO 17
			max V <sub>y</sub>	-97.98	<b>7.29</b>	-1.00	0.00	-0.13	-5.12	CO 12
			min V <sub>y</sub>	-15.82	<b>-0.08</b>	1.05	-0.01	-0.05	0.09	CO 9
			max V <sub>z</sub>	-15.82	-0.08	<b>1.05</b>	-0.01	-0.05	0.09	CO 9
			min V <sub>z</sub>	-97.98	7.29	<b>-1.00</b>	0.00	-0.13	-5.12	CO 12
			max M <sub>T</sub>	-126.31	0.19	-0.14	<b>0.01</b>	0.00	-1.30	CO 17
			min M <sub>T</sub>	-15.82	-0.08	1.05	<b>-0.01</b>	-0.05	0.09	CO 9
			max M <sub>y</sub>	-22.72	-0.01	-0.02	0.00	<b>0.00</b>	0.06	CO 1
			min M <sub>y</sub>	-97.98	7.29	-1.00	0.00	<b>-0.13</b>	-5.12	CO 12
			max M <sub>z</sub>	-15.82	-0.08	1.05	-0.01	-0.05	<b>0.09</b>	CO 9
			min M <sub>z</sub>	-97.98	7.29	-1.00	0.00	-0.13	<b>-5.12</b>	CO 12
		0.150	max N	<b>-15.67</b>	-0.08	1.05	-0.01	0.10	0.10	CO 9
			min N	<b>-126.15</b>	0.18	-0.14	0.01	-0.02	-1.32	CO 17
			max V <sub>y</sub>	-97.83	<b>7.28</b>	-1.00	0.00	-0.28	-6.21	CO 12
			min V <sub>y</sub>	-15.67	<b>-0.08</b>	1.05	-0.01	0.10	0.10	CO 9
			max V <sub>z</sub>	-15.67	-0.08	<b>1.05</b>	-0.01	0.10	0.10	CO 9
			min V <sub>z</sub>	-97.83	7.28	<b>-1.00</b>	0.00	-0.28	-6.21	CO 12
			max M <sub>T</sub>	-126.15	0.18	-0.14	<b>0.01</b>	-0.02	-1.32	CO 17
			min M <sub>T</sub>	-15.67	-0.08	1.05	<b>-0.01</b>	0.10	0.10	CO 9
			max M <sub>y</sub>	-15.67	-0.08	1.05	-0.01	<b>0.10</b>	0.10	CO 9
			min M <sub>y</sub>	-97.83	7.28	-1.00	0.00	<b>-0.28</b>	-6.21	CO 12
			max M <sub>z</sub>	-15.67	-0.08	1.05	-0.01	0.10	<b>0.10</b>	CO 9
			min M <sub>z</sub>	-97.83	7.28	-1.00	0.00	-0.28	<b>-6.21</b>	CO 12
			max N	<b>-10.22</b>	-4.08	-0.04	-0.01	0.04	0.09	CO 9
			min N	<b>-120.12</b>	-24.86	0.03	0.00	-0.01	-1.36	CO 17
			max V <sub>y</sub>	-10.61	<b>16.66</b>	0.45	0.00	-0.19	-4.59	CO 8
			min V <sub>y</sub>	-115.97	<b>-25.45</b>	0.03	0.00	0.00	-1.35	CO 19
			max V <sub>z</sub>	-92.12	-0.14	<b>0.46</b>	0.00	-0.21	-5.79	CO 12
			min V <sub>z</sub>	-10.22	-4.08	<b>-0.04</b>	-0.01	0.04	0.09	CO 9
			max M <sub>T</sub>	-120.12	-24.86	0.03	<b>0.00</b>	-0.01	-1.36	CO 17
			min M <sub>T</sub>	-10.22	-4.08	-0.04	<b>-0.01</b>	0.04	0.09	CO 9
			max M <sub>y</sub>	-10.22	-4.08	-0.04	-0.01	<b>0.04</b>	0.09	CO 9
			min M <sub>y</sub>	-92.12	-0.14	0.46	0.00	<b>-0.21</b>	-5.79	CO 12
			max M <sub>z</sub>	-10.22	-4.08	-0.04	-0.01	0.04	<b>0.09</b>	CO 9
			min M <sub>z</sub>	-92.12	-0.14	0.46	0.00	-0.21	<b>-5.79</b>	CO 12
	560	0.300	max N	<b>-10.07</b>	-4.08	-0.04	-0.01	0.03	0.70	CO 9
			min N	<b>-119.96</b>	-24.86	0.04	0.00	-0.01	2.37	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-10.46	<b>16.65</b>	0.45	0.00	-0.13	-7.09	CO 8
			min V <sub>y</sub>	-115.81	<b>-25.45</b>	0.03	0.00	0.01	2.47	CO 19
			max V <sub>z</sub>	-91.97	-0.15	<b>0.46</b>	0.00	-0.14	-5.77	CO 12
			min V <sub>z</sub>	-10.07	-4.08	<b>-0.04</b>	-0.01	0.03	0.70	CO 9
			max M <sub>T</sub>	-119.96	-24.86	0.04	<b>0.00</b>	-0.01	2.37	CO 17
			min M <sub>T</sub>	-10.07	-4.08	-0.04	<b>-0.01</b>	0.03	0.70	CO 9
			max M <sub>y</sub>	-10.07	-4.08	-0.04	-0.01	<b>0.03</b>	0.70	CO 9
			min M <sub>y</sub>	-91.97	-0.15	0.46	0.00	<b>-0.14</b>	-5.77	CO 12
			max M <sub>z</sub>	-115.81	-25.45	0.03	0.00	0.01	<b>2.47</b>	CO 19
			min M <sub>z</sub>	-10.46	16.65	0.45	0.00	-0.13	<b>-7.09</b>	CO 8
	560	0.300	Max N	<b>-10.07</b>	-4.08	-0.04	-0.01	0.03	0.70	CO 9
	580	0.000	Min N	<b>-126.31</b>	0.19	-0.14	0.01	0.00	-1.30	CO 17
		0.150	Max V <sub>y</sub>	-10.61	<b>16.66</b>	0.45	0.00	-0.19	-4.59	CO 8
		0.200	Min V <sub>y</sub>	-115.91	<b>-25.45</b>	0.03	0.00	0.01	-0.07	CO 19
	580	0.000	Max V <sub>z</sub>	-15.82	-0.08	<b>1.05</b>	-0.01	-0.05	0.09	CO 9
	580	0.000	Min V <sub>z</sub>	-97.98	7.29	<b>-1.00</b>	0.00	-0.13	-5.12	CO 12
		0.150	Max M <sub>T</sub>	-126.15	0.18	-0.14	<b>0.01</b>	-0.02	-1.32	CO 17
	580	0.000	Min M <sub>T</sub>	-15.82	-0.08	1.05	<b>-0.01</b>	-0.05	0.09	CO 9
		0.150	Max M <sub>y</sub>	-15.67	-0.08	1.05	-0.01	<b>0.10</b>	0.10	CO 9
		0.150	Min M <sub>y</sub>	-97.83	7.28	-1.00	0.00	<b>-0.28</b>	-6.21	CO 12
	560	0.300	Max M <sub>z</sub>	-115.81	-25.45	0.03	0.00	0.01	<b>2.47</b>	CO 19
	560	0.300	Min M <sub>z</sub>	-10.46	16.65	0.45	0.00	-0.13	<b>-7.09</b>	CO 8
2213	581	0.000	max N	<b>-9.66</b>	-14.82	0.77	-0.01	-0.14	-4.05	CO 9
			min N	<b>-67.93</b>	-1.05	-0.05	0.00	0.01	-10.92	CO 17
			max V <sub>y</sub>	-51.65	<b>0.25</b>	-0.03	0.00	0.01	-8.04	CO 16
			min V <sub>y</sub>	-25.93	<b>-16.12</b>	0.76	-0.01	-0.14	-6.93	CO 11
			max V <sub>z</sub>	-9.66	-14.82	<b>0.77</b>	-0.01	-0.14	-4.05	CO 9
			min V <sub>z</sub>	-53.97	-4.68	<b>-0.24</b>	0.02	0.08	-8.91	CO 12
			max M <sub>T</sub>	-53.97	-4.68	-0.24	<b>0.02</b>	0.08	-8.91	CO 12
			min M <sub>T</sub>	-52.37	-15.47	0.74	<b>-0.01</b>	-0.13	-11.35	CO 13
			max M <sub>y</sub>	-53.97	-4.68	-0.24	0.02	<b>0.08</b>	-8.91	CO 12
			min M <sub>y</sub>	-9.66	-14.82	0.77	-0.01	<b>-0.14</b>	-4.05	CO 9
			max M <sub>z</sub>	-11.23	-4.13	-0.20	0.02	0.07	<b>-1.56</b>	CO 8
			min M <sub>z</sub>	-65.39	-9.54	0.42	-0.01	-0.07	<b>-12.32</b>	CO 19
		0.150	max N	<b>-9.50</b>	-15.60	0.77	-0.01	-0.03	-1.77	CO 9
			min N	<b>-67.77</b>	-1.06	-0.05	0.00	0.01	-10.77	CO 17
			max V <sub>y</sub>	-51.50	<b>0.24</b>	-0.03	0.00	0.01	-8.08	CO 16
			min V <sub>y</sub>	-25.77	<b>-16.90</b>	0.76	-0.01	-0.02	-4.45	CO 11
			max V <sub>z</sub>	-9.50	-15.60	<b>0.77</b>	-0.01	-0.03	-1.77	CO 9
			min V <sub>z</sub>	-53.81	-5.17	<b>-0.24</b>	0.02	0.05	-8.17	CO 12
			max M <sub>T</sub>	-53.81	-5.17	-0.24	<b>0.02</b>	0.05	-8.17	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-52.21	-16.25	0.74	<b>-0.01</b>	-0.02	-8.97	CO 13
			max M <sub>y</sub>	-53.81	-5.17	-0.24	0.02	<b>0.05</b>	-8.17	CO 12
			min M <sub>y</sub>	-9.50	-15.60	0.77	-0.01	<b>-0.03</b>	-1.77	CO 9
			max M <sub>z</sub>	-11.07	-4.61	-0.20	0.02	0.04	<b>-0.91</b>	CO 8
			min M <sub>z</sub>	-65.24	-10.01	0.42	-0.01	-0.01	<b>-10.85</b>	CO 19
			max N	<b>-7.26</b>	-15.60	-0.01	-0.01	-0.03	-1.80	CO 9
			min N	<b>-65.53</b>	-1.06	0.00	0.00	0.01	-10.75	CO 17
			max V <sub>y</sub>	-49.26	<b>0.24</b>	0.00	0.00	0.01	-8.06	CO 16
			min V <sub>y</sub>	-23.53	<b>-16.89</b>	0.00	-0.01	-0.02	-4.48	CO 11
			max V <sub>z</sub>	-63.00	-10.01	<b>0.00</b>	-0.01	-0.01	-10.86	CO 19
			min V <sub>z</sub>	-51.57	-5.17	<b>-0.03</b>	0.02	0.05	-8.11	CO 12
			max M <sub>T</sub>	-51.57	-5.17	-0.03	<b>0.02</b>	0.05	-8.11	CO 12
			min M <sub>T</sub>	-49.97	-16.25	0.00	<b>-0.01</b>	-0.02	-8.99	CO 13
			max M <sub>y</sub>	-51.57	-5.17	-0.03	0.02	<b>0.05</b>	-8.11	CO 12
			min M <sub>y</sub>	-7.26	-15.60	-0.01	-0.01	<b>-0.03</b>	-1.80	CO 9
			max M <sub>z</sub>	-8.83	-4.61	-0.03	0.02	0.04	<b>-0.86</b>	CO 8
			min M <sub>z</sub>	-63.00	-10.01	0.00	-0.01	-0.01	<b>-10.86</b>	CO 19
	1913	0.300	max N	<b>-7.11</b>	-16.37	-0.01	-0.01	-0.03	0.60	CO 9
			min N	<b>-65.38</b>	-1.07	0.00	0.00	0.01	-10.59	CO 17
			max V <sub>y</sub>	-49.11	<b>0.24</b>	0.00	0.00	0.01	-8.10	CO 16
			min V <sub>y</sub>	-23.37	<b>-17.67</b>	0.00	-0.01	-0.03	-1.89	CO 11
			max V <sub>z</sub>	-62.84	-10.48	<b>0.00</b>	-0.01	-0.01	-9.32	CO 19
			min V <sub>z</sub>	-51.42	-5.66	<b>-0.03</b>	0.02	0.04	-7.30	CO 12
			max M <sub>T</sub>	-51.42	-5.66	-0.03	<b>0.02</b>	0.04	-7.30	CO 12
			min M <sub>T</sub>	-49.81	-17.03	0.00	<b>-0.01</b>	-0.02	-6.50	CO 13
			max M <sub>y</sub>	-51.42	-5.66	-0.03	0.02	<b>0.04</b>	-7.30	CO 12
			min M <sub>y</sub>	-7.11	-16.37	-0.01	-0.01	<b>-0.03</b>	0.60	CO 9
			max M <sub>z</sub>	-7.11	-16.37	-0.01	-0.01	-0.03	<b>0.60</b>	CO 9
			min M <sub>z</sub>	-65.38	-1.07	0.00	0.00	0.01	<b>-10.59</b>	CO 17
	1913	0.300	Max N	<b>-7.11</b>	-16.37	-0.01	-0.01	-0.03	0.60	CO 9
	581	0.000	Min N	<b>-67.93</b>	-1.05	-0.05	0.00	0.01	-10.92	CO 17
	581	0.000	Max V <sub>y</sub>	-51.65	<b>0.25</b>	-0.03	0.00	0.01	-8.04	CO 16
	1913	0.300	Min V <sub>y</sub>	-23.37	<b>-17.67</b>	0.00	-0.01	-0.03	-1.89	CO 11
	581	0.000	Max V <sub>z</sub>	-9.66	-14.82	<b>0.77</b>	-0.01	-0.14	-4.05	CO 9
	581	0.000	Min V <sub>z</sub>	-53.97	-4.68	<b>-0.24</b>	0.02	0.08	-8.91	CO 12
	581	0.000	Max M <sub>T</sub>	-53.97	-4.68	-0.24	<b>0.02</b>	0.08	-8.91	CO 12
	581	0.000	Min M <sub>T</sub>	-52.37	-15.47	0.74	<b>-0.01</b>	-0.13	-11.35	CO 13
	581	0.000	Max M <sub>y</sub>	-53.97	-4.68	-0.24	0.02	<b>0.08</b>	-8.91	CO 12
	581	0.000	Min M <sub>y</sub>	-9.66	-14.82	0.77	-0.01	<b>-0.14</b>	-4.05	CO 9
	1913	0.300	Max M <sub>z</sub>	-7.11	-16.37	-0.01	-0.01	-0.03	<b>0.60</b>	CO 9
	581	0.000	Min M <sub>z</sub>	-65.39	-9.54	0.42	-0.01	-0.07	<b>-12.32</b>	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
2214	1910	0.000	max N	<b>81.06</b>	-0.01	0.39	0.00	-0.15	0.00	CO 19
			min N	<b>-0.11</b>	-0.01	-3.22	-0.01	2.84	-0.02	CO 8
			max V <sub>y</sub>	80.37	<b>0.00</b>	1.04	0.00	-0.69	0.00	CO 17
			min V <sub>y</sub>	46.88	<b>-0.02</b>	-0.30	-0.01	0.38	-0.01	CO 15
			max V <sub>z</sub>	59.74	0.00	<b>1.06</b>	0.00	-0.75	0.00	CO 16
			min V <sub>z</sub>	20.56	-0.01	<b>-3.31</b>	-0.01	2.92	-0.01	CO 10
			max M <sub>T</sub>	80.37	0.00	1.04	<b>0.00</b>	-0.69	0.00	CO 17
			min M <sub>T</sub>	14.21	-0.01	-0.95	<b>-0.01</b>	0.89	-0.01	CO 9
			max M <sub>y</sub>	20.56	-0.01	-3.31	-0.01	<b>2.92</b>	-0.01	CO 10
			min M <sub>y</sub>	59.74	0.00	1.06	0.00	<b>-0.75</b>	0.00	CO 16
			max M <sub>z</sub>	80.37	0.00	1.04	0.00	-0.69	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-0.11	-0.01	-3.22	-0.01	2.84	<b>-0.02</b>	CO 8
	1571	1.129	max N	<b>80.93</b>	-0.01	0.22	0.00	0.19	0.01	CO 19
			min N	<b>-0.23</b>	-0.01	-3.40	-0.01	-0.89	0.00	CO 8
			max V <sub>y</sub>	80.24	<b>0.00</b>	0.84	0.00	0.35	0.00	CO 17
			min V <sub>y</sub>	46.75	<b>-0.02</b>	-0.45	-0.01	-0.04	0.01	CO 15
			max V <sub>z</sub>	59.60	0.00	<b>0.86</b>	0.00	0.33	0.00	CO 16
			min V <sub>z</sub>	20.43	-0.01	<b>-3.44</b>	-0.01	-0.88	0.00	CO 10
			max M <sub>T</sub>	80.24	0.00	0.84	<b>0.00</b>	0.35	0.00	CO 17
			min M <sub>T</sub>	14.08	-0.01	-1.12	<b>-0.01</b>	-0.27	0.01	CO 9
			max M <sub>y</sub>	80.24	0.00	0.84	0.00	<b>0.35</b>	0.00	CO 17
			min M <sub>y</sub>	-0.23	-0.01	-3.40	-0.01	<b>-0.89</b>	0.00	CO 8
			max M <sub>z</sub>	67.39	-0.02	-0.48	-0.01	-0.02	<b>0.01</b>	CO 13
			min M <sub>z</sub>	-0.23	-0.01	-3.40	-0.01	-0.89	<b>0.00</b>	CO 8
	1910	0.000	Max N	<b>81.06</b>	-0.01	0.39	0.00	-0.15	0.00	CO 19
	1571	1.129	Min N	<b>-0.23</b>	-0.01	-3.40	-0.01	-0.89	0.00	CO 8
	1910	0.000	Max V <sub>y</sub>	80.37	<b>0.00</b>	1.04	0.00	-0.69	0.00	CO 17
	1910	0.000	Min V <sub>y</sub>	46.88	<b>-0.02</b>	-0.30	-0.01	0.38	-0.01	CO 15
	1910	0.000	Max V <sub>z</sub>	59.74	0.00	<b>1.06</b>	0.00	-0.75	0.00	CO 16
	1571	1.129	Min V <sub>z</sub>	20.43	-0.01	<b>-3.44</b>	-0.01	-0.88	0.00	CO 10
	1571	1.129	Max M <sub>T</sub>	80.24	0.00	0.84	<b>0.00</b>	0.35	0.00	CO 17
	1571	1.129	Min M <sub>T</sub>	14.08	-0.01	-1.12	<b>-0.01</b>	-0.27	0.01	CO 9
	1910	0.000	Max M <sub>y</sub>	20.56	-0.01	-3.31	-0.01	<b>2.92</b>	-0.01	CO 10
	1571	1.129	Min M <sub>y</sub>	-0.23	-0.01	-3.40	-0.01	<b>-0.89</b>	0.00	CO 8
	1571	1.129	Max M <sub>z</sub>	67.39	-0.02	-0.48	-0.01	-0.02	<b>0.01</b>	CO 13
	1910	0.000	Min M <sub>z</sub>	-0.11	-0.01	-3.22	-0.01	2.84	<b>-0.02</b>	CO 8
2215	1571	0.000	max N	<b>6.18</b>	0.03	0.33	0.00	-0.35	0.01	CO 8
			min N	<b>-79.27</b>	0.00	0.94	0.00	-0.12	0.00	CO 17
			max V <sub>y</sub>	6.18	<b>0.03</b>	0.33	0.00	-0.35	0.01	CO 8
			min V <sub>y</sub>	-64.47	<b>-0.01</b>	0.93	0.00	-0.23	-0.01	CO 13
			max V <sub>z</sub>	-68.21	0.01	<b>1.05</b>	0.00	-0.32	0.01	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-12.18	0.00	<b>0.13</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	-79.27	0.00	0.94	<b>0.00</b>	-0.12	0.00	CO 17
			min M <sub>T</sub>	-64.47	-0.01	0.93	<b>0.00</b>	-0.23	-0.01	CO 13
			max M <sub>y</sub>	-12.18	0.00	0.13	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-46.72	0.02	0.97	0.00	<b>-0.45</b>	0.01	CO 12
			max M <sub>z</sub>	6.18	0.03	0.33	0.00	-0.35	<b>0.01</b>	CO 8
			min M <sub>z</sub>	-64.47	-0.01	0.93	0.00	-0.23	<b>-0.01</b>	CO 13
	1912	1.129	max N	<b>6.31</b>	0.03	0.15	0.00	-0.08	-0.02	CO 8
			min N	<b>-79.14</b>	0.00	0.70	0.00	0.82	0.00	CO 17
			max V <sub>y</sub>	6.31	<b>0.03</b>	0.15	0.00	-0.08	-0.02	CO 8
			min V <sub>y</sub>	-64.35	<b>-0.01</b>	0.72	0.00	0.72	0.01	CO 13
			max V <sub>z</sub>	-68.08	0.01	<b>0.84</b>	0.00	0.75	-0.01	CO 18
			min V <sub>z</sub>	-12.05	0.00	<b>-0.05</b>	0.00	0.04	0.00	CO 1
			max M <sub>T</sub>	-79.14	0.00	0.70	<b>0.00</b>	0.82	0.00	CO 17
			min M <sub>T</sub>	-64.35	-0.01	0.72	<b>0.00</b>	0.72	0.01	CO 13
			max M <sub>y</sub>	-78.74	-0.01	0.79	0.00	<b>0.85</b>	0.01	CO 19
			min M <sub>y</sub>	6.31	0.03	0.15	0.00	<b>-0.08</b>	-0.02	CO 8
			max M <sub>z</sub>	-64.35	-0.01	0.72	0.00	0.72	<b>0.01</b>	CO 13
			min M <sub>z</sub>	6.31	0.03	0.15	0.00	-0.08	<b>-0.02</b>	CO 8
	1912	1.129	Max N	<b>6.31</b>	0.03	0.15	0.00	-0.08	-0.02	CO 8
	1571	0.000	Min N	<b>-79.27</b>	0.00	0.94	0.00	-0.12	0.00	CO 17
	1912	1.129	Max V <sub>y</sub>	6.31	<b>0.03</b>	0.15	0.00	-0.08	-0.02	CO 8
		0.677	Min V <sub>y</sub>	-64.40	<b>-0.01</b>	0.82	0.00	0.37	0.00	CO 13
	1571	0.000	Max V <sub>z</sub>	-68.21	0.01	<b>1.05</b>	0.00	-0.32	0.01	CO 18
	1912	1.129	Min V <sub>z</sub>	-12.05	0.00	<b>-0.05</b>	0.00	0.04	0.00	CO 1
	1912	1.129	Max M <sub>T</sub>	-79.14	0.00	0.70	<b>0.00</b>	0.82	0.00	CO 17
	1912	1.129	Min M <sub>T</sub>	-64.35	-0.01	0.72	<b>0.00</b>	0.72	0.01	CO 13
	1912	1.129	Max M <sub>y</sub>	-78.74	-0.01	0.79	0.00	<b>0.85</b>	0.01	CO 19
	1571	0.000	Min M <sub>y</sub>	-46.72	0.02	0.97	0.00	<b>-0.45</b>	0.01	CO 12
	1571	0.000	Max M <sub>z</sub>	6.18	0.03	0.33	0.00	-0.35	<b>0.01</b>	CO 8
	1912	1.129	Min M <sub>z</sub>	6.31	0.03	0.15	0.00	-0.08	<b>-0.02</b>	CO 8
2216	1912	0.000	max N	<b>0.62</b>	0.00	-0.09	0.00	0.16	0.00	CO 1
			min N	<b>-1.44</b>	-0.05	-0.60	0.00	0.63	0.00	CO 12
			max V <sub>y</sub>	-0.30	<b>0.01</b>	-0.39	0.00	0.57	0.01	CO 13
			min V <sub>y</sub>	-0.92	<b>-0.05</b>	-0.32	0.00	0.24	-0.01	CO 8
			max V <sub>z</sub>	0.62	0.00	<b>-0.09</b>	0.00	0.16	0.00	CO 1
			min V <sub>z</sub>	-1.44	-0.05	<b>-0.60</b>	0.00	0.63	0.00	CO 12
			max M <sub>T</sub>	-0.92	-0.05	-0.32	<b>0.00</b>	0.24	-0.01	CO 8
			min M <sub>T</sub>	-0.03	0.00	-0.44	<b>0.00</b>	0.65	0.00	CO 17
			max M <sub>y</sub>	-0.95	-0.02	-0.58	0.00	<b>0.70</b>	0.00	CO 18
			min M <sub>y</sub>	0.62	0.00	-0.09	0.00	<b>0.16</b>	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-0.30	0.01	-0.39	0.00	0.57	<b>0.01</b>	CO 13
			min M <sub>z</sub>	-0.92	-0.05	-0.32	0.00	0.24	<b>-0.01</b>	CO 8
	1588	1.129	max N	<b>0.49</b>	0.00	-0.26	0.00	-0.04	0.00	CO 1
			min N	<b>-1.58</b>	-0.05	-0.77	0.00	-0.15	0.05	CO 12
			max V <sub>y</sub>	-0.43	<b>0.01</b>	-0.57	0.00	0.02	0.00	CO 13
			min V <sub>y</sub>	-1.06	<b>-0.05</b>	-0.50	0.00	-0.22	0.05	CO 8
			max V <sub>z</sub>	0.49	0.00	<b>-0.26</b>	0.00	-0.04	0.00	CO 1
			min V <sub>z</sub>	-1.58	-0.05	<b>-0.77</b>	0.00	-0.15	0.05	CO 12
			max M <sub>T</sub>	-1.06	-0.05	-0.50	<b>0.00</b>	-0.22	0.05	CO 8
			min M <sub>T</sub>	-0.16	0.00	-0.62	<b>0.00</b>	0.05	-0.01	CO 17
			max M <sub>y</sub>	-0.16	0.00	-0.62	0.00	<b>0.05</b>	-0.01	CO 17
			min M <sub>y</sub>	-1.06	-0.05	-0.50	0.00	<b>-0.22</b>	0.05	CO 8
			max M <sub>z</sub>	-1.06	-0.05	-0.50	0.00	-0.22	<b>0.05</b>	CO 8
			min M <sub>z</sub>	-0.16	0.00	-0.62	0.00	0.05	<b>-0.01</b>	CO 17
	1912	0.000	Max N	<b>0.62</b>	0.00	-0.09	0.00	0.16	0.00	CO 1
	1588	1.129	Min N	<b>-1.58</b>	-0.05	-0.77	0.00	-0.15	0.05	CO 12
	1588	1.129	Max V <sub>y</sub>	-0.43	<b>0.01</b>	-0.57	0.00	0.02	0.00	CO 13
	1912	0.000	Min V <sub>y</sub>	-0.92	<b>-0.05</b>	-0.32	0.00	0.24	-0.01	CO 8
	1912	0.000	Max V <sub>z</sub>	0.62	0.00	<b>-0.09</b>	0.00	0.16	0.00	CO 1
	1588	1.129	Min V <sub>z</sub>	-1.58	-0.05	<b>-0.77</b>	0.00	-0.15	0.05	CO 12
	1588	1.129	Max M <sub>T</sub>	-1.06	-0.05	-0.50	<b>0.00</b>	-0.22	0.05	CO 8
	1588	1.129	Min M <sub>T</sub>	-0.16	0.00	-0.62	<b>0.00</b>	0.05	-0.01	CO 17
	1912	0.000	Max M <sub>y</sub>	-0.95	-0.02	-0.58	0.00	<b>0.70</b>	0.00	CO 18
	1588	1.129	Min M <sub>y</sub>	-1.06	-0.05	-0.50	0.00	<b>-0.22</b>	0.05	CO 8
	1588	1.129	Max M <sub>z</sub>	-1.06	-0.05	-0.50	0.00	-0.22	<b>0.05</b>	CO 8
	1912	0.000	Min M <sub>z</sub>	-0.92	-0.05	-0.32	0.00	0.24	<b>-0.01</b>	CO 8
2217	1588	0.000	max N	<b>3.21</b>	-0.10	0.21	-0.02	0.22	-0.03	CO 12
			min N	<b>0.76</b>	0.00	0.24	0.00	-0.02	0.00	CO 1
			max V <sub>y</sub>	1.20	<b>0.01</b>	0.48	0.00	0.14	0.00	CO 17
			min V <sub>y</sub>	2.73	<b>-0.10</b>	0.02	-0.03	0.09	-0.03	CO 8
			max V <sub>z</sub>	1.20	0.01	<b>0.48</b>	0.00	0.14	0.00	CO 17
			min V <sub>z</sub>	2.73	-0.10	<b>0.02</b>	-0.03	0.09	-0.03	CO 8
			max M <sub>T</sub>	1.20	0.01	0.48	<b>0.00</b>	0.14	0.00	CO 17
			min M <sub>T</sub>	2.73	-0.10	0.02	<b>-0.03</b>	0.09	-0.03	CO 8
			max M <sub>y</sub>	3.21	-0.10	0.21	-0.02	<b>0.22</b>	-0.03	CO 12
			min M <sub>y</sub>	0.76	0.00	0.24	0.00	<b>-0.02</b>	0.00	CO 1
			max M <sub>z</sub>	1.20	0.01	0.48	0.00	0.14	<b>0.00</b>	CO 17
			min M <sub>z</sub>	2.99	-0.10	0.08	-0.03	0.14	<b>-0.03</b>	CO 10
	1911	1.129	max N	<b>3.34</b>	-0.10	0.03	-0.02	0.35	0.08	CO 12
			min N	<b>0.89</b>	0.00	0.06	0.00	0.15	0.00	CO 1
			max V <sub>y</sub>	1.33	<b>0.01</b>	0.30	0.00	0.59	-0.01	CO 17



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	2.86	<b>-0.10</b>	-0.17	-0.03	0.00	0.08	CO 8
			max V <sub>z</sub>	1.33	0.01	<b>0.30</b>	0.00	0.59	-0.01	CO 17
			min V <sub>z</sub>	2.86	-0.10	<b>-0.17</b>	-0.03	0.00	0.08	CO 8
			max M <sub>T</sub>	1.33	0.01	0.30	<b>0.00</b>	0.59	-0.01	CO 17
			min M <sub>T</sub>	2.86	-0.10	-0.17	<b>-0.03</b>	0.00	0.08	CO 8
			max M <sub>y</sub>	1.33	0.01	0.30	0.00	<b>0.59</b>	-0.01	CO 17
			min M <sub>y</sub>	2.86	-0.10	-0.17	-0.03	<b>0.00</b>	0.08	CO 8
			max M <sub>z</sub>	2.86	-0.10	-0.17	-0.03	0.00	<b>0.08</b>	CO 8
			min M <sub>z</sub>	1.33	0.01	0.30	0.00	0.59	<b>-0.01</b>	CO 17
	1911	1.129	Max N	<b>3.34</b>	-0.10	0.03	-0.02	0.35	0.08	CO 12
	1588	0.000	Min N	<b>0.76</b>	0.00	0.24	0.00	-0.02	0.00	CO 1
	1911	1.129	Max V <sub>y</sub>	1.33	<b>0.01</b>	0.30	0.00	0.59	-0.01	CO 17
	1911	1.129	Min V <sub>y</sub>	2.86	<b>-0.10</b>	-0.17	-0.03	0.00	0.08	CO 8
	1588	0.000	Max V <sub>z</sub>	1.20	0.01	<b>0.48</b>	0.00	0.14	0.00	CO 17
	1911	1.129	Min V <sub>z</sub>	2.86	-0.10	<b>-0.17</b>	-0.03	0.00	0.08	CO 8
	1911	1.129	Max M <sub>T</sub>	1.33	0.01	0.30	<b>0.00</b>	0.59	-0.01	CO 17
	1911	1.129	Min M <sub>T</sub>	2.86	-0.10	-0.17	<b>-0.03</b>	0.00	0.08	CO 8
	1911	1.129	Max M <sub>y</sub>	1.33	0.01	0.30	0.00	<b>0.59</b>	-0.01	CO 17
	1588	0.000	Min M <sub>y</sub>	0.76	0.00	0.24	0.00	<b>-0.02</b>	0.00	CO 1
	1911	1.129	Max M <sub>z</sub>	2.86	-0.10	-0.17	-0.03	0.00	<b>0.08</b>	CO 8
	1588	0.000	Min M <sub>z</sub>	2.99	-0.10	0.08	-0.03	0.14	<b>-0.03</b>	CO 10
2218	1917	0.000	max N	<b>9.74</b>	-0.02	0.69	-0.03	0.00	0.00	CO 8
			min N	<b>-63.87</b>	0.00	15.22	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-25.45	<b>0.00</b>	5.81	0.00	0.00	0.00	CO 2
			min V <sub>y</sub>	-32.66	<b>-0.02</b>	11.34	-0.03	0.00	0.00	CO 12
			max V <sub>z</sub>	-63.87	0.00	<b>15.22</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	6.48	-0.01	<b>0.69</b>	0.02	0.00	0.00	CO 9
			max M <sub>T</sub>	6.48	-0.01	0.69	<b>0.02</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-32.66	-0.02	11.34	<b>-0.03</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-9.87	0.00	1.72	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-32.66	-0.02	11.34	-0.03	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-32.66	-0.02	11.34	-0.03	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-36.01	0.00	11.34	0.02	0.00	<b>0.00</b>	CO 13
		1.817	max N	<b>9.79</b>	-0.02	-1.13	-0.03	-0.40	0.03	CO 8
			min N	<b>-62.93</b>	0.00	-21.74	0.00	-5.99	0.00	CO 17
			max V <sub>y</sub>	-25.07	<b>0.00</b>	-8.32	0.00	-2.30	0.00	CO 2
			min V <sub>y</sub>	-16.66	<b>-0.02</b>	-10.48	-0.03	-2.96	0.03	CO 14
			max V <sub>z</sub>	9.79	-0.02	<b>-1.13</b>	-0.03	-0.40	0.03	CO 8
			min V <sub>z</sub>	-62.93	0.00	<b>-21.74</b>	0.00	-5.99	0.00	CO 17
			max M <sub>T</sub>	6.53	-0.01	-1.13	<b>0.02</b>	-0.40	0.02	CO 9
			min M <sub>T</sub>	-31.94	-0.02	-16.35	<b>-0.03</b>	-4.58	0.03	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	9.79	-0.02	-1.13	-0.03	<b>-0.40</b>	0.03	CO 8
			min M <sub>y</sub>	-62.93	0.00	-21.74	0.00	<b>-5.99</b>	0.00	CO 17
			max M <sub>z</sub>	-31.94	-0.02	-16.35	-0.03	-4.58	<b>0.03</b>	CO 12
			min M <sub>z</sub>	-25.07	0.00	-8.32	0.00	-2.30	<b>0.00</b>	CO 2
			max N	<b>0.89</b>	0.00	3.12	0.01	-0.53	0.02	CO 9
			min N	<b>-126.61</b>	-0.01	26.14	0.00	-5.84	0.00	CO 17
			max V <sub>y</sub>	-20.04	<b>0.00</b>	4.33	0.00	-0.81	0.00	CO 1
			min V <sub>y</sub>	-85.85	<b>-0.13</b>	20.50	0.01	-4.64	0.05	CO 12
			max V <sub>z</sub>	-126.61	-0.01	<b>26.14</b>	0.00	-5.84	0.00	CO 17
			min V <sub>z</sub>	0.89	0.00	<b>3.12</b>	0.01	-0.53	0.02	CO 9
			max M <sub>T</sub>	0.89	0.00	3.12	<b>0.01</b>	-0.53	0.02	CO 9
			min M <sub>T</sub>	-126.61	-0.01	26.14	<b>0.00</b>	-5.84	0.00	CO 17
			max M <sub>y</sub>	0.89	0.00	3.12	0.01	<b>-0.53</b>	0.02	CO 9
			min M <sub>y</sub>	-126.61	-0.01	26.14	0.00	<b>-5.84</b>	0.00	CO 17
			max M <sub>z</sub>	-85.85	-0.13	20.50	0.01	-4.64	<b>0.05</b>	CO 12
			min M <sub>z</sub>	-51.21	-0.01	10.85	0.00	-2.31	<b>0.00</b>	CO 2
		2.067	max N	<b>0.90</b>	0.00	2.87	0.01	0.22	0.02	CO 9
			min N	<b>-126.46</b>	-0.01	21.14	0.00	0.07	0.01	CO 17
			max V <sub>y</sub>	-20.03	<b>0.00</b>	3.76	0.00	0.20	0.00	CO 1
			min V <sub>y</sub>	-85.74	<b>-0.13</b>	16.73	0.01	0.01	0.08	CO 12
			max V <sub>z</sub>	-126.46	-0.01	<b>21.14</b>	0.00	0.07	0.01	CO 17
			min V <sub>z</sub>	0.90	0.00	<b>2.87</b>	0.01	0.22	0.02	CO 9
			max M <sub>T</sub>	0.90	0.00	2.87	<b>0.01</b>	0.22	0.02	CO 9
			min M <sub>T</sub>	-126.46	-0.01	21.14	<b>0.00</b>	0.07	0.01	CO 17
			max M <sub>y</sub>	0.90	0.00	2.87	0.01	<b>0.22</b>	0.02	CO 9
			min M <sub>y</sub>	-85.74	-0.13	16.73	0.01	<b>0.01</b>	0.08	CO 12
			max M <sub>z</sub>	-85.74	-0.13	16.73	0.01	0.01	<b>0.08</b>	CO 12
			min M <sub>z</sub>	-20.03	0.00	3.76	0.00	0.20	<b>0.00</b>	CO 1
			max N	<b>0.96</b>	0.00	0.62	0.01	0.22	0.02	CO 9
			min N	<b>-126.24</b>	0.04	13.44	0.00	0.07	0.01	CO 17
			max V <sub>y</sub>	-85.56	<b>0.31</b>	10.20	0.01	0.01	0.08	CO 12
			min V <sub>y</sub>	0.96	<b>0.00</b>	0.62	0.01	0.22	0.02	CO 9
			max V <sub>z</sub>	-126.24	0.04	<b>13.44</b>	0.00	0.07	0.01	CO 17
			min V <sub>z</sub>	0.96	0.00	<b>0.62</b>	0.01	0.22	0.02	CO 9
			max M <sub>T</sub>	0.96	0.00	0.62	<b>0.01</b>	0.22	0.02	CO 9
			min M <sub>T</sub>	-126.24	0.04	13.44	<b>0.00</b>	0.07	0.01	CO 17
			max M <sub>y</sub>	0.96	0.00	0.62	0.01	<b>0.22</b>	0.02	CO 9
			min M <sub>y</sub>	-85.56	0.31	10.20	0.01	<b>0.01</b>	0.08	CO 12
			max M <sub>z</sub>	-85.56	0.31	10.20	0.01	0.01	<b>0.08</b>	CO 12
			min M <sub>z</sub>	-19.96	0.01	1.51	0.00	0.20	<b>0.00</b>	CO 1
		3.385	max N	<b>1.00</b>	0.00	-0.70	0.01	0.17	0.02	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-125.50</b>	0.04	-13.54	0.00	0.01	-0.04	CO 17
			max V <sub>y</sub>	-85.01	<b>0.31</b>	-9.99	0.01	0.15	-0.33	CO 12
			min V <sub>y</sub>	1.00	<b>0.00</b>	-0.70	0.01	0.17	0.02	CO 9
			max V <sub>z</sub>	-1.83	0.29	<b>-0.52</b>	0.00	0.29	-0.31	CO 8
			min V <sub>z</sub>	-125.50	0.04	<b>-13.54</b>	0.00	0.01	-0.04	CO 17
			max M <sub>T</sub>	1.00	0.00	-0.70	<b>0.01</b>	0.17	0.02	CO 9
			min M <sub>T</sub>	-125.50	0.04	-13.54	<b>0.00</b>	0.01	-0.04	CO 17
			max M <sub>y</sub>	-1.83	0.29	-0.52	0.00	<b>0.29</b>	-0.31	CO 8
			min M <sub>y</sub>	-112.95	0.03	-13.02	0.01	<b>0.00</b>	-0.03	CO 19
			max M <sub>z</sub>	1.00	0.00	-0.70	0.01	0.17	<b>0.02</b>	CO 9
			min M <sub>z</sub>	-85.01	0.31	-9.99	0.01	0.15	<b>-0.33</b>	CO 12
			max N	<b>1.06</b>	0.05	-2.95	0.01	0.17	0.02	CO 9
			min N	<b>-125.30</b>	-0.05	-21.24	0.00	0.01	-0.04	CO 17
			max V <sub>y</sub>	1.06	<b>0.05</b>	-2.95	0.01	0.17	0.02	CO 9
			min V <sub>y</sub>	-84.83	<b>-0.49</b>	-16.52	0.01	0.16	-0.33	CO 12
			max V <sub>z</sub>	-1.77	-0.45	<b>-2.77</b>	0.00	0.29	-0.31	CO 8
			min V <sub>z</sub>	-125.30	-0.05	<b>-21.24</b>	0.00	0.01	-0.04	CO 17
			max M <sub>T</sub>	1.06	0.05	-2.95	<b>0.01</b>	0.17	0.02	CO 9
			min M <sub>T</sub>	-125.30	-0.05	-21.24	<b>0.00</b>	0.01	-0.04	CO 17
			max M <sub>y</sub>	-1.77	-0.45	-2.77	0.00	<b>0.29</b>	-0.31	CO 8
			min M <sub>y</sub>	-112.74	-0.02	-20.72	0.01	<b>0.00</b>	-0.03	CO 19
			max M <sub>z</sub>	1.06	0.05	-2.95	0.01	0.17	<b>0.02</b>	CO 9
			min M <sub>z</sub>	-84.83	-0.49	-16.52	0.01	0.16	<b>-0.33</b>	CO 12
		3.635	max N	<b>1.07</b>	0.05	-3.20	0.01	-0.60	0.01	CO 9
			min N	<b>-125.16</b>	-0.05	-26.24	0.00	-5.93	-0.03	CO 17
			max V <sub>y</sub>	1.07	<b>0.05</b>	-3.20	0.01	-0.60	0.01	CO 9
			min V <sub>y</sub>	-84.73	<b>-0.49</b>	-20.29	0.01	-4.44	-0.21	CO 12
			max V <sub>z</sub>	-1.76	-0.45	<b>-3.02</b>	0.00	-0.43	-0.20	CO 8
			min V <sub>z</sub>	-125.16	-0.05	<b>-26.24</b>	0.00	-5.93	-0.03	CO 17
			max M <sub>T</sub>	1.07	0.05	-3.20	<b>0.01</b>	-0.60	0.01	CO 9
			min M <sub>T</sub>	-125.16	-0.05	-26.24	<b>0.00</b>	-5.93	-0.03	CO 17
			max M <sub>y</sub>	-1.76	-0.45	-3.02	0.00	<b>-0.43</b>	-0.20	CO 8
			min M <sub>y</sub>	-125.16	-0.05	-26.24	0.00	<b>-5.93</b>	-0.03	CO 17
			max M <sub>z</sub>	1.07	0.05	-3.20	0.01	-0.60	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-84.73	-0.49	-20.29	0.01	-4.44	<b>-0.21</b>	CO 12
			max N	<b>9.15</b>	0.01	1.14	0.03	-0.41	0.01	CO 9
			min N	<b>-58.46</b>	-0.02	21.74	-0.01	-6.01	-0.03	CO 17
			max V <sub>y</sub>	9.15	<b>0.01</b>	1.14	0.03	-0.41	0.01	CO 9
			min V <sub>y</sub>	-38.17	<b>-0.10</b>	16.34	-0.11	-4.57	-0.19	CO 12
			max V <sub>z</sub>	-58.46	-0.02	<b>21.74</b>	-0.01	-6.01	-0.03	CO 17
			min V <sub>z</sub>	0.76	-0.09	<b>1.12</b>	-0.10	-0.37	-0.17	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	9.15	0.01	1.14	<b>0.03</b>	-0.41	0.01	CO 9
			min M <sub>T</sub>	-38.17	-0.10	16.34	<b>-0.11</b>	-4.57	-0.19	CO 12
			max M <sub>y</sub>	0.76	-0.09	1.12	-0.10	<b>-0.37</b>	-0.17	CO 8
			min M <sub>y</sub>	-58.46	-0.02	21.74	-0.01	<b>-6.01</b>	-0.03	CO 17
			max M <sub>z</sub>	9.15	0.01	1.14	0.03	-0.41	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-38.17	-0.10	16.34	-0.11	-4.57	<b>-0.19</b>	CO 12
	1918	5.452	max N	<b>9.20</b>	0.01	-0.69	0.03	0.00	0.00	CO 9
			min N	<b>-57.37</b>	-0.02	-15.20	-0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	9.20	<b>0.01</b>	-0.69	0.03	0.00	0.00	CO 9
			min V <sub>y</sub>	-37.36	<b>-0.10</b>	-11.35	-0.12	0.00	0.00	CO 12
			max V <sub>z</sub>	9.20	0.01	<b>-0.69</b>	0.03	0.00	0.00	CO 9
			min V <sub>z</sub>	-57.37	-0.02	<b>-15.20</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	9.20	0.01	-0.69	<b>0.03</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-37.36	-0.10	-11.35	<b>-0.12</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-8.77	0.00	-1.72	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-37.36	-0.10	-11.35	-0.12	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-28.90	-0.01	-11.32	0.02	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-37.36	-0.10	-11.35	-0.12	0.00	<b>0.00</b>	CO 12
		1.817	Max N	<b>9.79</b>	-0.02	-1.13	-0.03	-0.40	0.03	CO 8
		1.817	Min N	<b>-126.61</b>	-0.01	26.14	0.00	-5.84	0.00	CO 17
		2.331	Max V <sub>y</sub>	-85.45	<b>0.32</b>	6.18	0.00	2.17	0.00	CO 12
		3.635	Min V <sub>y</sub>	-84.73	<b>-0.49</b>	-20.29	0.01	-4.44	-0.21	CO 12
		1.817	Max V <sub>z</sub>	-126.61	-0.01	<b>26.14</b>	0.00	-5.84	0.00	CO 17
		3.635	Min V <sub>z</sub>	-125.16	-0.05	<b>-26.24</b>	0.00	-5.93	-0.03	CO 17
		4.673	Max M <sub>T</sub>	9.18	0.01	0.09	<b>0.03</b>	0.23	0.01	CO 9
		4.673	Min M <sub>T</sub>	-37.72	-0.10	0.54	<b>-0.12</b>	4.22	-0.08	CO 12
		4.673	Max M <sub>y</sub>	-57.86	-0.02	0.67	-0.01	<b>5.67</b>	-0.01	CO 17
		3.635	Min M <sub>y</sub>	-58.46	-0.02	21.74	-0.01	<b>-6.01</b>	-0.03	CO 17
		2.067	Max M <sub>z</sub>	-85.56	0.31	10.20	0.01	0.01	<b>0.08</b>	CO 12
		3.385	Min M <sub>z</sub>	-85.01	0.31	-9.99	0.01	0.15	<b>-0.33</b>	CO 12
2219	1916	0.000	max N	<b>15.86</b>	0.02	0.71	-0.01	0.00	0.00	CO 9
			min N	<b>-27.34</b>	-0.01	15.21	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	3.87	<b>0.02</b>	7.25	-0.01	0.00	0.00	CO 15
			min V <sub>y</sub>	-21.07	<b>-0.10</b>	11.43	0.12	0.00	0.00	CO 12
			max V <sub>z</sub>	-27.34	-0.01	<b>15.21</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	15.86	0.02	<b>0.71</b>	-0.01	0.00	0.00	CO 9
			max M <sub>T</sub>	-21.07	-0.10	11.43	<b>0.12</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	15.86	0.02	0.71	<b>-0.01</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	15.86	0.02	0.71	-0.01	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-21.07	-0.10	11.43	0.12	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	3.87	0.02	7.25	-0.01	0.00	<b>0.00</b>	CO 15

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-21.07	-0.10	11.43	0.12	0.00	<b>0.00</b>	CO 12
		1.817	max N	<b>15.91</b>	0.02	-1.11	-0.01	-0.36	-0.03	CO 9
			min N	<b>-26.38</b>	-0.01	-21.65	0.00	-5.88	0.01	CO 17
			max V <sub>y</sub>	15.91	<b>0.02</b>	-1.11	-0.01	-0.36	-0.03	CO 9
			min V <sub>y</sub>	-20.34	<b>-0.09</b>	-16.23	0.12	-4.38	0.17	CO 12
			max V <sub>z</sub>	-2.19	-0.09	<b>-1.05</b>	0.12	-0.24	0.16	CO 8
			min V <sub>z</sub>	-26.38	-0.01	<b>-21.65</b>	0.00	-5.88	0.01	CO 17
			max M <sub>T</sub>	-8.81	-0.09	-6.88	<b>0.12</b>	-1.83	0.16	CO 10
			min M <sub>T</sub>	15.91	0.02	-1.11	<b>-0.01</b>	-0.36	-0.03	CO 9
			max M <sub>y</sub>	-2.19	-0.09	-1.05	0.12	<b>-0.24</b>	0.16	CO 8
			min M <sub>y</sub>	-26.38	-0.01	-21.65	0.00	<b>-5.88</b>	0.01	CO 17
			max M <sub>z</sub>	-20.34	-0.09	-16.23	0.12	-4.38	<b>0.17</b>	CO 12
			min M <sub>z</sub>	15.91	0.02	-1.11	-0.01	-0.36	<b>-0.03</b>	CO 9
			max N	<b>12.20</b>	0.00	0.91	0.00	-0.30	-0.02	CO 9
			min N	<b>-80.36</b>	0.06	17.80	0.03	-4.84	0.07	CO 18
			max V <sub>y</sub>	-11.15	<b>0.10</b>	1.07	0.05	-0.34	0.10	CO 8
			min V <sub>y</sub>	12.20	<b>0.00</b>	0.91	0.00	-0.30	-0.02	CO 9
			max V <sub>z</sub>	-79.91	0.00	<b>18.42</b>	0.00	-4.96	0.01	CO 17
			min V <sub>z</sub>	12.20	0.00	<b>0.91</b>	0.00	-0.30	-0.02	CO 9
			max M <sub>T</sub>	-31.93	0.10	6.03	<b>0.05</b>	-1.68	0.10	CO 10
			min M <sub>T</sub>	-21.90	0.00	8.85	<b>0.00</b>	-2.44	-0.02	CO 15
			max M <sub>y</sub>	12.20	0.00	0.91	0.00	<b>-0.30</b>	-0.02	CO 9
			min M <sub>y</sub>	-79.91	0.00	18.42	0.00	<b>-4.96</b>	0.01	CO 17
			max M <sub>z</sub>	-66.05	0.10	13.98	0.05	-3.83	<b>0.10</b>	CO 12
			min M <sub>z</sub>	12.20	0.00	0.91	0.00	-0.30	<b>-0.02</b>	CO 9
		3.635	max N	<b>12.25</b>	0.00	-0.92	0.00	-0.31	-0.02	CO 9
			min N	<b>-79.39</b>	0.06	-17.62	0.03	-4.67	-0.04	CO 18
			max V <sub>y</sub>	-65.29	<b>0.10</b>	-13.67	0.05	-3.55	-0.07	CO 12
			min V <sub>y</sub>	-41.87	<b>-0.01</b>	-13.82	0.00	-3.80	-0.02	CO 13
			max V <sub>z</sub>	-11.10	0.10	<b>-0.76</b>	0.05	-0.06	-0.08	CO 8
			min V <sub>z</sub>	-78.89	0.00	<b>-18.42</b>	0.00	-4.96	0.01	CO 17
			max M <sub>T</sub>	-11.10	0.10	-0.76	<b>0.05</b>	-0.06	-0.08	CO 8
			min M <sub>T</sub>	-21.41	-0.01	-8.86	<b>0.00</b>	-2.45	-0.02	CO 15
			max M <sub>y</sub>	-11.10	0.10	-0.76	0.05	<b>-0.06</b>	-0.08	CO 8
			min M <sub>y</sub>	-78.89	0.00	-18.42	0.00	<b>-4.96</b>	0.01	CO 17
			max M <sub>z</sub>	-78.89	0.00	-18.42	0.00	-4.96	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-11.10	0.10	-0.76	0.05	-0.06	<b>-0.08</b>	CO 8
			max N	<b>16.24</b>	-0.01	1.11	0.00	-0.36	-0.02	CO 9
			min N	<b>-31.02</b>	-0.04	20.80	0.07	-5.63	-0.06	CO 18
			max V <sub>y</sub>	-25.41	<b>0.01</b>	21.65	0.00	-5.88	0.01	CO 17
			min V <sub>y</sub>	-12.33	<b>-0.07</b>	1.03	0.12	-0.21	-0.13	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-25.41	0.01	<b>21.65</b>	0.00	-5.88	0.01	CO 17
			min V <sub>z</sub>	-12.33	-0.07	<b>1.03</b>	0.12	-0.21	-0.13	CO 8
			max M <sub>T</sub>	-12.33	-0.07	1.03	<b>0.12</b>	-0.21	-0.13	CO 8
			min M <sub>T</sub>	-13.78	0.00	20.83	<b>0.00</b>	-5.71	-0.01	CO 19
			max M <sub>y</sub>	-12.33	-0.07	1.03	0.12	<b>-0.21</b>	-0.13	CO 8
			min M <sub>y</sub>	-25.41	0.01	21.65	0.00	<b>-5.88</b>	0.01	CO 17
			max M <sub>z</sub>	-25.41	0.01	21.65	0.00	-5.88	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-12.33	-0.07	1.03	0.12	-0.21	<b>-0.13</b>	CO 8
	1919	5.452	max N	<b>16.29</b>	-0.01	-0.71	0.00	0.00	0.00	CO 9
			min N	<b>-29.99</b>	-0.04	-14.64	0.07	0.00	0.00	CO 18
			max V <sub>y</sub>	-24.34	<b>0.01</b>	-15.20	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-12.28	<b>-0.07</b>	-0.80	0.12	0.00	0.00	CO 8
			max V <sub>z</sub>	16.29	-0.01	<b>-0.71</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-24.34	0.01	<b>-15.20</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-29.17	-0.07	-11.45	<b>0.12</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-12.75	-0.01	-14.56	<b>0.00</b>	0.00	0.00	CO 19
			max M <sub>y</sub>	16.29	-0.01	-0.71	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-29.17	-0.07	-11.45	0.12	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-29.17	-0.07	-11.45	0.12	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-12.75	-0.01	-14.56	0.00	0.00	<b>0.00</b>	CO 19
	1919	5.452	Max N	<b>16.29</b>	-0.01	-0.71	0.00	0.00	0.00	CO 9
		1.817	Min N	<b>-80.36</b>	0.06	17.80	0.03	-4.84	0.07	CO 18
		2.856	Max V <sub>y</sub>	-65.62	<b>0.10</b>	-1.83	0.06	2.50	0.00	CO 12
	1916	0.000	Min V <sub>y</sub>	-21.07	<b>-0.10</b>	11.43	0.12	0.00	0.00	CO 12
		3.635	Max V <sub>z</sub>	-25.41	0.01	<b>21.65</b>	0.00	-5.88	0.01	CO 17
		1.817	Min V <sub>z</sub>	-26.38	-0.01	<b>-21.65</b>	0.00	-5.88	0.01	CO 17
		0.682	Max M <sub>T</sub>	-20.81	-0.09	1.05	<b>0.13</b>	4.25	0.06	CO 12
	1916	0.000	Min M <sub>T</sub>	15.86	0.02	0.71	<b>-0.01</b>	0.00	0.00	CO 9
		4.673	Max M <sub>y</sub>	-24.82	0.01	0.60	0.00	<b>5.69</b>	0.01	CO 17
		3.635	Min M <sub>y</sub>	-25.41	0.01	21.65	0.00	<b>-5.88</b>	0.01	CO 17
		1.817	Max M <sub>z</sub>	-20.34	-0.09	-16.23	0.12	-4.38	<b>0.17</b>	CO 12
		3.635	Min M <sub>z</sub>	-12.33	-0.07	1.03	0.12	-0.21	<b>-0.13</b>	CO 8
2220	1911	0.000	max N	<b>-1.44</b>	0.07	1.17	0.02	-0.50	0.06	CO 8
			min N	<b>-81.52</b>	-0.01	-0.27	0.00	0.68	-0.01	CO 19
			max V <sub>y</sub>	-1.44	<b>0.07</b>	1.17	0.02	-0.50	0.06	CO 8
			min V <sub>y</sub>	-81.40	<b>-0.01</b>	-0.28	0.00	0.68	-0.01	CO 17
			max V <sub>z</sub>	-1.44	0.07	<b>1.17</b>	0.02	-0.50	0.06	CO 8
			min V <sub>z</sub>	-81.40	-0.01	<b>-0.28</b>	0.00	0.68	-0.01	CO 17
			max M <sub>T</sub>	-1.44	0.07	1.17	<b>0.02</b>	-0.50	0.06	CO 8
			min M <sub>T</sub>	-81.40	-0.01	-0.28	<b>0.00</b>	0.68	-0.01	CO 17
			max M <sub>y</sub>	-81.40	-0.01	-0.28	0.00	<b>0.68</b>	-0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-1.44	0.07	1.17	0.02	<b>-0.50</b>	0.06	CO 8
			max M <sub>z</sub>	-1.44	0.07	1.17	0.02	-0.50	<b>0.06</b>	CO 8
			min M <sub>z</sub>	-81.40	-0.01	-0.28	0.00	0.68	<b>-0.01</b>	CO 17
	1572	1.129	max N	<b>-1.58</b>	0.07	1.00	0.02	0.73	-0.02	CO 8
			min N	<b>-81.65</b>	-0.01	-0.52	0.00	0.22	0.01	CO 19
			max V <sub>y</sub>	-1.58	<b>0.07</b>	1.00	0.02	0.73	-0.02	CO 8
			min V <sub>y</sub>	-81.53	<b>-0.01</b>	-0.53	0.00	0.22	0.00	CO 17
			max V <sub>z</sub>	-1.58	0.07	<b>1.00</b>	0.02	0.73	-0.02	CO 8
			min V <sub>z</sub>	-81.53	-0.01	<b>-0.53</b>	0.00	0.22	0.00	CO 17
			max M <sub>T</sub>	-1.58	0.07	1.00	<b>0.02</b>	0.73	-0.02	CO 8
			min M <sub>T</sub>	-81.53	-0.01	-0.53	<b>0.00</b>	0.22	0.00	CO 17
			max M <sub>y</sub>	-56.09	0.07	0.61	0.02	<b>0.86</b>	-0.02	CO 12
			min M <sub>y</sub>	-12.64	0.00	-0.04	0.00	<b>0.07</b>	0.00	CO 1
			max M <sub>z</sub>	-67.31	-0.01	-0.41	0.00	0.19	<b>0.01</b>	CO 13
			min M <sub>z</sub>	-56.09	0.07	0.61	0.02	0.86	<b>-0.02</b>	CO 12
	1911	0.000	Max N	<b>-1.44</b>	0.07	1.17	0.02	-0.50	0.06	CO 8
	1572	1.129	Min N	<b>-81.65</b>	-0.01	-0.52	0.00	0.22	0.01	CO 19
	1572	1.129	Max V <sub>y</sub>	-1.58	<b>0.07</b>	1.00	0.02	0.73	-0.02	CO 8
		0.677	Min V <sub>y</sub>	-81.48	<b>-0.01</b>	-0.43	0.00	0.44	0.00	CO 17
	1911	0.000	Max V <sub>z</sub>	-1.44	0.07	<b>1.17</b>	0.02	-0.50	0.06	CO 8
	1572	1.129	Min V <sub>z</sub>	-81.53	-0.01	<b>-0.53</b>	0.00	0.22	0.00	CO 17
	1572	1.129	Max M <sub>T</sub>	-1.58	0.07	1.00	<b>0.02</b>	0.73	-0.02	CO 8
	1572	1.129	Min M <sub>T</sub>	-81.53	-0.01	-0.53	<b>0.00</b>	0.22	0.00	CO 17
	1572	1.129	Max M <sub>y</sub>	-56.09	0.07	0.61	0.02	<b>0.86</b>	-0.02	CO 12
	1911	0.000	Min M <sub>y</sub>	-1.44	0.07	1.17	0.02	<b>-0.50</b>	0.06	CO 8
	1911	0.000	Max M <sub>z</sub>	-1.44	0.07	1.17	0.02	-0.50	<b>0.06</b>	CO 8
	1572	1.129	Min M <sub>z</sub>	-56.09	0.07	0.61	0.02	0.86	<b>-0.02</b>	CO 12
2221	1572	0.000	max N	<b>78.41</b>	-0.01	-3.23	-0.01	1.02	0.00	CO 19
			min N	<b>-6.51</b>	0.08	-4.65	-0.02	1.31	0.08	CO 8
			max V <sub>y</sub>	-6.51	<b>0.08</b>	-4.65	-0.02	1.31	0.08	CO 8
			min V <sub>y</sub>	78.18	<b>-0.01</b>	-3.29	0.00	1.03	-0.01	CO 17
			max V <sub>z</sub>	12.87	0.00	<b>-0.33</b>	-0.02	0.12	0.01	CO 9
			min V <sub>z</sub>	45.40	0.07	<b>-6.96</b>	-0.02	2.02	0.08	CO 12
			max M <sub>T</sub>	78.18	-0.01	-3.29	<b>0.00</b>	1.03	-0.01	CO 17
			min M <sub>T</sub>	-6.51	0.08	-4.65	<b>-0.02</b>	1.31	0.08	CO 8
			max M <sub>y</sub>	45.40	0.07	-6.96	-0.02	<b>2.02</b>	0.08	CO 12
			min M <sub>y</sub>	12.87	0.00	-0.33	-0.02	<b>0.12</b>	0.01	CO 9
			max M <sub>z</sub>	-6.51	0.08	-4.65	-0.02	1.31	<b>0.08</b>	CO 8
			min M <sub>z</sub>	78.18	-0.01	-3.29	0.00	1.03	<b>-0.01</b>	CO 17
	1905	1.129	max N	<b>78.53</b>	-0.01	-3.54	-0.01	-2.75	0.01	CO 19
			min N	<b>-6.40</b>	0.08	-4.81	-0.02	-4.04	-0.01	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-6.40	<b>0.08</b>	-4.81	-0.02	-4.04	-0.01	CO 8
			min V <sub>y</sub>	78.30	<b>-0.01</b>	-3.60	0.00	-2.80	0.01	CO 17
			max V <sub>z</sub>	13.00	0.00	<b>-0.51</b>	-0.02	-0.35	0.01	CO 9
			min V <sub>z</sub>	45.50	0.07	<b>-7.32</b>	-0.02	-5.97	0.00	CO 12
			max M <sub>T</sub>	78.30	-0.01	-3.60	<b>0.00</b>	-2.80	0.01	CO 17
			min M <sub>T</sub>	-6.40	0.08	-4.81	<b>-0.02</b>	-4.04	-0.01	CO 8
			max M <sub>y</sub>	13.00	0.00	-0.51	-0.02	<b>-0.35</b>	0.01	CO 9
			min M <sub>y</sub>	45.50	0.07	-7.32	-0.02	<b>-5.97</b>	0.00	CO 12
			max M <sub>z</sub>	13.00	0.00	-0.51	-0.02	-0.35	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-6.40	0.08	-4.81	-0.02	-4.04	<b>-0.01</b>	CO 8
	1905	1.129	Max N	<b>78.53</b>	-0.01	-3.54	-0.01	-2.75	0.01	CO 19
	1572	0.000	Min N	<b>-6.51</b>	0.08	-4.65	-0.02	1.31	0.08	CO 8
	1905	1.129	Max V <sub>y</sub>	-6.40	<b>0.08</b>	-4.81	-0.02	-4.04	-0.01	CO 8
	1572	0.000	Min V <sub>y</sub>	78.18	<b>-0.01</b>	-3.29	0.00	1.03	-0.01	CO 17
	1572	0.000	Max V <sub>z</sub>	12.87	0.00	<b>-0.33</b>	-0.02	0.12	0.01	CO 9
	1905	1.129	Min V <sub>z</sub>	45.50	0.07	<b>-7.32</b>	-0.02	-5.97	0.00	CO 12
	1572	0.000	Max M <sub>T</sub>	78.18	-0.01	-3.29	<b>0.00</b>	1.03	-0.01	CO 17
	1905	1.129	Min M <sub>T</sub>	-6.40	0.08	-4.81	<b>-0.02</b>	-4.04	-0.01	CO 8
	1572	0.000	Max M <sub>y</sub>	45.40	0.07	-6.96	-0.02	<b>2.02</b>	0.08	CO 12
	1905	1.129	Min M <sub>y</sub>	45.50	0.07	-7.32	-0.02	<b>-5.97</b>	0.00	CO 12
	1572	0.000	Max M <sub>z</sub>	-6.51	0.08	-4.65	-0.02	1.31	<b>0.08</b>	CO 8
	1572	0.000	Min M <sub>z</sub>	78.18	-0.01	-3.29	0.00	1.03	<b>-0.01</b>	CO 17
2222	1920	0.000	max N	<b>5.83</b>	0.00	1.66	-0.03	0.00	0.00	CO 9
			min N	<b>-61.01</b>	0.02	15.21	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-51.91	<b>0.02</b>	15.17	-0.01	0.00	0.00	CO 19
			min V <sub>y</sub>	-7.08	<b>-0.06</b>	-1.66	-0.09	0.00	0.00	CO 8
			max V <sub>z</sub>	-61.01	0.02	<b>15.21</b>	0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	-7.08	-0.06	<b>-1.66</b>	-0.09	0.00	0.00	CO 8
			max M <sub>T</sub>	-61.01	0.02	15.21	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-7.08	-0.06	-1.66	<b>-0.09</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-9.33	0.00	1.72	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-7.08	-0.06	-1.66	-0.09	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-47.63	-0.04	8.99	-0.08	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-61.01	0.02	15.21	0.01	0.00	<b>0.00</b>	CO 17
			max N	<b>5.83</b>	0.00	1.66	-0.03	0.00	0.00	CO 9
			min N	<b>-61.01</b>	0.02	15.21	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-51.91	<b>0.02</b>	15.17	-0.01	0.00	0.00	CO 19
			min V <sub>y</sub>	-7.08	<b>-0.06</b>	-1.66	-0.09	0.00	0.00	CO 8
			max V <sub>z</sub>	-61.01	0.02	<b>15.21</b>	0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	-7.08	-0.06	<b>-1.66</b>	-0.09	0.00	0.00	CO 8
			max M <sub>T</sub>	-61.01	0.02	15.21	<b>0.01</b>	0.00	0.00	CO 17



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-7.08	-0.06	-1.66	<b>-0.09</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-61.01	0.02	15.21	0.01	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-7.08	-0.06	-1.66	-0.09	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-47.63	-0.04	8.99	-0.08	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-61.01	0.02	15.21	0.01	0.00	<b>0.00</b>	CO 17
		1.817	max N	<b>5.95</b>	0.00	-2.52	-0.03	-0.78	0.01	CO 9
			min N	<b>-60.07</b>	0.02	-21.74	0.01	-6.00	-0.03	CO 17
			max V <sub>y</sub>	-60.07	<b>0.02</b>	-21.74	0.01	-6.00	-0.03	CO 17
			min V <sub>y</sub>	-7.19	<b>-0.06</b>	2.38	-0.09	0.65	0.10	CO 8
			max V <sub>z</sub>	-7.19	-0.06	<b>2.38</b>	-0.09	0.65	0.10	CO 8
			min V <sub>z</sub>	-50.96	0.01	<b>-21.76</b>	-0.01	-6.05	-0.03	CO 19
			max M <sub>T</sub>	-60.07	0.02	-21.74	<b>0.01</b>	-6.00	-0.03	CO 17
			min M <sub>T</sub>	-7.19	-0.06	2.38	<b>-0.09</b>	0.65	0.10	CO 8
			max M <sub>y</sub>	-7.19	-0.06	2.38	-0.09	<b>0.65</b>	0.10	CO 8
			min M <sub>y</sub>	-50.96	0.01	-21.76	-0.01	<b>-6.05</b>	-0.03	CO 19
			max M <sub>z</sub>	-7.19	-0.06	2.38	-0.09	0.65	<b>0.10</b>	CO 8
			min M <sub>z</sub>	-60.07	0.02	-21.74	0.01	-6.00	<b>-0.03</b>	CO 17
			max N	<b>-5.37</b>	-0.04	4.38	-0.02	-0.90	0.00	CO 9
			min N	<b>-126.82</b>	0.05	26.23	0.00	-5.92	-0.03	CO 17
			max V <sub>y</sub>	-126.82	<b>0.05</b>	26.23	0.00	-5.92	-0.03	CO 17
			min V <sub>y</sub>	-10.37	<b>-0.36</b>	0.40	0.01	0.17	0.14	CO 8
			max V <sub>z</sub>	-117.94	0.02	<b>26.24</b>	-0.01	-5.96	-0.03	CO 19
			min V <sub>z</sub>	-10.37	-0.36	<b>0.40</b>	0.01	0.17	0.14	CO 8
			max M <sub>T</sub>	-94.50	-0.33	17.67	<b>0.01</b>	-3.84	0.12	CO 12
			min M <sub>T</sub>	-5.37	-0.04	4.38	<b>-0.02</b>	-0.90	0.00	CO 9
			max M <sub>y</sub>	-10.37	-0.36	0.40	0.01	<b>0.17</b>	0.14	CO 8
			min M <sub>y</sub>	-117.94	0.02	26.24	-0.01	<b>-5.96</b>	-0.03	CO 19
			max M <sub>z</sub>	-10.37	-0.36	0.40	0.01	0.17	<b>0.14</b>	CO 8
			min M <sub>z</sub>	-126.82	0.05	26.23	0.00	-5.92	<b>-0.03</b>	CO 17
		2.067	max N	<b>-5.35</b>	-0.04	3.80	-0.02	0.12	0.02	CO 9
			min N	<b>-126.68</b>	0.05	21.24	0.00	0.01	-0.04	CO 17
			max V <sub>y</sub>	-126.68	<b>0.05</b>	21.24	0.00	0.01	-0.04	CO 17
			min V <sub>y</sub>	-10.38	<b>-0.36</b>	0.95	0.01	0.34	0.23	CO 8
			max V <sub>z</sub>	-117.80	0.02	<b>21.24</b>	-0.01	-0.03	-0.03	CO 19
			min V <sub>z</sub>	-10.38	-0.36	<b>0.95</b>	0.01	0.34	0.23	CO 8
			max M <sub>T</sub>	-94.42	-0.33	14.70	<b>0.01</b>	0.20	0.20	CO 12
			min M <sub>T</sub>	-5.35	-0.04	3.80	<b>-0.02</b>	0.12	0.02	CO 9
			max M <sub>y</sub>	-10.38	-0.36	0.95	0.01	<b>0.34</b>	0.23	CO 8
			min M <sub>y</sub>	-117.80	0.02	21.24	-0.01	<b>-0.03</b>	-0.03	CO 19
			max M <sub>z</sub>	-10.38	-0.36	0.95	0.01	0.34	<b>0.23</b>	CO 8
			min M <sub>z</sub>	-126.68	0.05	21.24	0.00	0.01	<b>-0.04</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max N	<b>-5.29</b>	0.00	1.56	-0.02	0.12	0.02	CO 9
			min N	<b>-126.46</b>	-0.03	13.53	0.00	0.01	-0.04	CO 17
			max V <sub>y</sub>	-10.32	<b>0.25</b>	-1.29	0.01	0.34	0.23	CO 8
			min V <sub>y</sub>	-126.46	<b>-0.03</b>	13.53	0.00	0.01	-0.04	CO 17
			max V <sub>z</sub>	-117.58	-0.03	<b>13.54</b>	-0.01	-0.03	-0.03	CO 19
			min V <sub>z</sub>	-10.32	0.25	<b>-1.29</b>	0.01	0.34	0.23	CO 8
			max M <sub>T</sub>	-94.23	0.23	8.17	<b>0.01</b>	0.20	0.20	CO 12
			min M <sub>T</sub>	-5.29	0.00	1.56	<b>-0.02</b>	0.12	0.02	CO 9
			max M <sub>y</sub>	-10.32	0.25	-1.29	0.01	<b>0.34</b>	0.23	CO 8
			min M <sub>y</sub>	-117.58	-0.03	13.54	-0.01	<b>-0.03</b>	-0.03	CO 19
			max M <sub>z</sub>	-10.32	0.25	-1.29	0.01	0.34	<b>0.23</b>	CO 8
			min M <sub>z</sub>	-126.46	-0.03	13.53	0.00	0.01	<b>-0.04</b>	CO 17
		3.385	max N	<b>-5.20</b>	0.00	-1.48	-0.02	0.17	0.01	CO 9
			min N	<b>-125.72</b>	-0.03	-13.44	0.00	0.07	0.00	CO 17
			max V <sub>y</sub>	-10.40	<b>0.25</b>	1.63	0.01	0.56	-0.10	CO 8
			min V <sub>y</sub>	-125.72	<b>-0.03</b>	-13.44	0.00	0.07	0.00	CO 17
			max V <sub>z</sub>	-10.40	0.25	<b>1.63</b>	0.01	0.56	-0.10	CO 8
			min V <sub>z</sub>	-125.72	-0.03	<b>-13.44</b>	0.00	0.07	0.00	CO 17
			max M <sub>T</sub>	-93.80	0.23	-7.77	<b>0.01</b>	0.47	-0.10	CO 12
			min M <sub>T</sub>	-5.20	0.00	-1.48	<b>-0.02</b>	0.17	0.01	CO 9
			max M <sub>y</sub>	-10.40	0.25	1.63	0.01	<b>0.56</b>	-0.10	CO 8
			min M <sub>y</sub>	-116.84	-0.03	-13.42	-0.01	<b>0.05</b>	0.01	CO 19
			max M <sub>z</sub>	-5.20	0.00	-1.48	-0.02	0.17	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-41.44	0.24	-1.96	0.01	0.52	<b>-0.10</b>	CO 10
			max N	<b>-5.14</b>	0.00	-3.73	-0.02	0.16	0.01	CO 9
			min N	<b>-125.51</b>	0.01	-21.15	0.00	0.07	0.00	CO 17
			max V <sub>y</sub>	-125.51	<b>0.01</b>	-21.15	0.00	0.07	0.00	CO 17
			min V <sub>y</sub>	-10.34	<b>-0.14</b>	-0.61	0.01	0.57	-0.10	CO 8
			max V <sub>z</sub>	-10.34	-0.14	<b>-0.61</b>	0.01	0.57	-0.10	CO 8
			min V <sub>z</sub>	-125.51	0.01	<b>-21.15</b>	0.00	0.07	0.00	CO 17
			max M <sub>T</sub>	-93.62	-0.13	-14.30	<b>0.01</b>	0.47	-0.10	CO 12
			min M <sub>T</sub>	-5.14	0.00	-3.73	<b>-0.02</b>	0.16	0.01	CO 9
			max M <sub>y</sub>	-10.34	-0.14	-0.61	0.01	<b>0.57</b>	-0.10	CO 8
			min M <sub>y</sub>	-116.63	0.01	-21.12	-0.01	<b>0.05</b>	0.01	CO 19
			max M <sub>z</sub>	-5.14	0.00	-3.73	-0.02	0.16	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-41.34	-0.14	-5.77	0.01	0.53	<b>-0.10</b>	CO 10
		3.635	max N	<b>-5.13</b>	0.00	-4.30	-0.02	-0.84	0.02	CO 9
			min N	<b>-125.38</b>	0.01	-26.15	0.00	-5.84	0.00	CO 17
			max V <sub>y</sub>	-125.38	<b>0.01</b>	-26.15	0.00	-5.84	0.00	CO 17
			min V <sub>y</sub>	-10.36	<b>-0.14</b>	-0.06	0.01	0.48	-0.06	CO 8
			max V <sub>z</sub>	-10.36	-0.14	<b>-0.06</b>	0.01	0.48	-0.06	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-125.38	0.01	<b>-26.15</b>	0.00	-5.84	0.00	CO 17
			max M <sub>T</sub>	-93.54	-0.13	-17.27	<b>0.01</b>	-3.47	-0.07	CO 12
			min M <sub>T</sub>	-5.13	0.00	-4.30	<b>-0.02</b>	-0.84	0.02	CO 9
			max M <sub>y</sub>	-10.36	-0.14	-0.06	0.01	<b>0.48</b>	-0.06	CO 8
			min M <sub>y</sub>	-116.50	0.01	-26.12	-0.01	<b>-5.85</b>	0.01	CO 19
			max M <sub>z</sub>	-5.13	0.00	-4.30	-0.02	-0.84	<b>0.02</b>	CO 9
			min M <sub>z</sub>	-93.54	-0.13	-17.27	0.01	-3.47	<b>-0.07</b>	CO 12
			max N	<b>3.79</b>	0.01	2.52	-0.02	-0.77	0.01	CO 9
			min N	<b>-65.13</b>	-0.02	18.53	-0.01	-5.08	-0.04	CO 18
			max V <sub>y</sub>	-22.13	<b>0.01</b>	11.88	-0.02	-3.34	0.01	CO 15
			min V <sub>y</sub>	-30.27	<b>-0.03</b>	2.98	-0.02	-0.77	-0.06	CO 10
			max V <sub>z</sub>	-53.72	0.00	<b>21.76</b>	-0.01	-6.05	0.00	CO 19
			min V <sub>z</sub>	-15.09	-0.03	<b>-2.87</b>	-0.02	0.84	-0.06	CO 8
			max M <sub>T</sub>	-61.75	0.00	21.74	<b>0.00</b>	-6.00	0.00	CO 17
			min M <sub>T</sub>	-15.09	-0.03	-2.87	<b>-0.02</b>	0.84	-0.06	CO 8
			max M <sub>y</sub>	-15.09	-0.03	-2.87	-0.02	<b>0.84</b>	-0.06	CO 8
			min M <sub>y</sub>	-53.72	0.00	21.76	-0.01	<b>-6.05</b>	0.00	CO 19
			max M <sub>z</sub>	3.79	0.01	2.52	-0.02	-0.77	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-30.27	-0.03	2.98	-0.02	-0.77	<b>-0.06</b>	CO 10
		3.950	max N	<b>3.81</b>	0.01	1.79	-0.02	-0.09	0.01	CO 9
			min N	<b>-64.97</b>	-0.02	13.04	-0.01	-0.10	-0.03	CO 18
			max V <sub>y</sub>	3.81	<b>0.01</b>	1.79	-0.02	-0.09	0.01	CO 9
			min V <sub>y</sub>	-30.24	<b>-0.03</b>	1.96	-0.02	0.01	-0.05	CO 10
			max V <sub>z</sub>	-53.53	0.00	<b>15.41</b>	-0.01	-0.18	0.00	CO 19
			min V <sub>z</sub>	-15.11	-0.03	<b>-2.17</b>	-0.02	0.05	-0.05	CO 8
			max M <sub>T</sub>	-61.56	0.00	15.40	<b>0.00</b>	-0.14	0.00	CO 17
			min M <sub>T</sub>	-15.11	-0.03	-2.17	<b>-0.02</b>	0.05	-0.05	CO 8
			max M <sub>y</sub>	-15.11	-0.03	-2.17	-0.02	<b>0.05</b>	-0.05	CO 8
			min M <sub>y</sub>	-37.11	0.01	12.56	-0.02	<b>-0.18</b>	0.00	CO 13
			max M <sub>z</sub>	3.81	0.01	1.79	-0.02	-0.09	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-30.24	-0.03	1.96	-0.02	0.01	<b>-0.05</b>	CO 10
			max N	<b>3.81</b>	0.01	1.79	-0.02	-0.09	0.01	CO 9
			min N	<b>-64.97</b>	-0.02	13.04	-0.01	-0.10	-0.03	CO 18
			max V <sub>y</sub>	3.81	<b>0.01</b>	1.79	-0.02	-0.09	0.01	CO 9
			min V <sub>y</sub>	-30.24	<b>-0.03</b>	1.96	-0.02	0.01	-0.05	CO 10
			max V <sub>z</sub>	-53.53	0.00	<b>15.41</b>	-0.01	-0.18	0.00	CO 19
			min V <sub>z</sub>	-15.11	-0.03	<b>-2.17</b>	-0.02	0.05	-0.05	CO 8
			max M <sub>T</sub>	-61.56	0.00	15.40	<b>0.00</b>	-0.14	0.00	CO 17
			min M <sub>T</sub>	-15.11	-0.03	-2.17	<b>-0.02</b>	0.05	-0.05	CO 8
			max M <sub>y</sub>	-15.11	-0.03	-2.17	-0.02	<b>0.05</b>	-0.05	CO 8
			min M <sub>y</sub>	-37.11	0.01	12.56	-0.02	<b>-0.18</b>	0.00	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	3.81	0.01	1.79	-0.02	-0.09	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-30.24	-0.03	1.96	-0.02	0.01	<b>-0.05</b>	CO 10
		5.452	max N	<b>3.91</b>	0.01	-1.67	-0.02	0.00	0.00	CO 9
			min N	<b>-64.21</b>	-0.02	-12.91	-0.01	0.00	0.00	CO 18
			max V <sub>y</sub>	3.91	<b>0.01</b>	-1.67	-0.02	0.00	0.00	CO 9
			min V <sub>y</sub>	-55.65	<b>-0.03</b>	-8.55	-0.02	0.00	0.00	CO 12
			max V <sub>z</sub>	-15.23	-0.03	<b>2.11</b>	-0.02	0.00	0.00	CO 8
			min V <sub>z</sub>	-60.66	0.00	<b>-15.21</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-60.66	0.00	-15.21	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-15.23	-0.03	2.11	<b>-0.02</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-60.66	0.00	-15.21	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-15.23	-0.03	2.11	-0.02	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-60.66	0.00	-15.21	0.00	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-36.39	0.00	-12.32	-0.02	0.00	<b>0.00</b>	CO 13
	1925		max N	<b>3.91</b>	0.01	-1.67	-0.02	0.00	0.00	CO 9
			min N	<b>-64.21</b>	-0.02	-12.91	-0.01	0.00	0.00	CO 18
			max V <sub>y</sub>	3.91	<b>0.01</b>	-1.67	-0.02	0.00	0.00	CO 9
			min V <sub>y</sub>	-55.65	<b>-0.03</b>	-8.55	-0.02	0.00	0.00	CO 12
			max V <sub>z</sub>	-15.23	-0.03	<b>2.11</b>	-0.02	0.00	0.00	CO 8
			min V <sub>z</sub>	-60.66	0.00	<b>-15.21</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-60.66	0.00	-15.21	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-15.23	-0.03	2.11	<b>-0.02</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-9.47	0.00	-1.72	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-15.23	-0.03	2.11	-0.02	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-60.66	0.00	-15.21	0.00	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-36.39	0.00	-12.32	-0.02	0.00	<b>0.00</b>	CO 13
		1.817	Max N	<b>5.95</b>	0.00	-2.52	-0.03	-0.78	0.01	CO 9
		1.817	Min N	<b>-126.82</b>	0.05	26.23	0.00	-5.92	-0.03	CO 17
		3.122	Max V <sub>y</sub>	-10.39	<b>0.25</b>	1.05	0.01	0.21	-0.03	CO 8
		1.817	Min V <sub>y</sub>	-10.37	<b>-0.36</b>	0.40	0.01	0.17	0.14	CO 8
		1.817	Max V <sub>z</sub>	-117.94	0.02	<b>26.24</b>	-0.01	-5.96	-0.03	CO 19
		3.635	Min V <sub>z</sub>	-125.38	0.01	<b>-26.15</b>	0.00	-5.84	0.00	CO 17
		0.682	Max M <sub>T</sub>	-60.68	0.02	1.33	<b>0.01</b>	5.65	-0.01	CO 17
		1.817	Min M <sub>T</sub>	-7.19	-0.06	2.38	<b>-0.09</b>	0.65	0.10	CO 8
		4.673	Max M <sub>y</sub>	-61.15	0.00	0.66	0.00	<b>5.68</b>	0.00	CO 17
		3.635	Min M <sub>y</sub>	-53.72	0.00	21.76	-0.01	<b>-6.05</b>	0.00	CO 19
		2.067	Max M <sub>z</sub>	-10.38	-0.36	0.95	0.01	0.34	<b>0.23</b>	CO 8
		3.385	Min M <sub>z</sub>	-41.34	-0.14	-5.77	0.01	0.53	<b>-0.10</b>	CO 10
2225	582	0.000	max N	<b>-6.39</b>	6.65	0.65	-0.01	0.13	-3.95	CO 8
			min N	<b>-126.30</b>	-0.12	-0.12	-0.01	0.00	1.24	CO 17
			max V <sub>y</sub>	-37.85	<b>6.67</b>	0.62	-0.01	0.13	-3.67	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-124.33	<b>-0.17</b>	0.47	0.00	-0.03	0.98	CO 19
			max V <sub>z</sub>	-19.44	-0.03	<b>0.96</b>	0.01	-0.04	-0.52	CO 9
			min V <sub>z</sub>	-126.30	-0.12	<b>-0.12</b>	-0.01	0.00	1.24	CO 17
			max M <sub>T</sub>	-19.44	-0.03	0.96	<b>0.01</b>	-0.04	-0.52	CO 9
			min M <sub>T</sub>	-88.32	6.63	0.57	<b>-0.02</b>	0.13	-3.00	CO 12
			max M <sub>y</sub>	-88.32	6.63	0.57	-0.02	<b>0.13</b>	-3.00	CO 12
			min M <sub>y</sub>	-101.39	-0.15	0.89	0.01	<b>-0.05</b>	0.50	CO 13
			max M <sub>z</sub>	-126.30	-0.12	-0.12	-0.01	0.00	<b>1.24</b>	CO 17
			min M <sub>z</sub>	-6.39	6.65	0.65	-0.01	0.13	<b>-3.95</b>	CO 8
		0.150	max N	<b>-6.23</b>	6.65	0.65	-0.01	0.23	-4.95	CO 8
			min N	<b>-126.14</b>	-0.12	-0.12	-0.01	-0.02	1.26	CO 17
			max V <sub>y</sub>	-37.70	<b>6.67</b>	0.62	-0.01	0.23	-4.67	CO 10
			min V <sub>y</sub>	-124.18	<b>-0.16</b>	0.47	0.00	0.04	1.01	CO 19
			max V <sub>z</sub>	-19.29	-0.03	<b>0.96</b>	0.01	0.10	-0.52	CO 9
			min V <sub>z</sub>	-126.14	-0.12	<b>-0.12</b>	-0.01	-0.02	1.26	CO 17
			max M <sub>T</sub>	-19.29	-0.03	0.96	<b>0.01</b>	0.10	-0.52	CO 9
			min M <sub>T</sub>	-88.17	6.63	0.58	<b>-0.02</b>	0.22	-3.99	CO 12
			max M <sub>y</sub>	-6.23	6.65	0.65	-0.01	<b>0.23</b>	-4.95	CO 8
			min M <sub>y</sub>	-126.14	-0.12	-0.12	-0.01	<b>-0.02</b>	1.26	CO 17
			max M <sub>z</sub>	-126.14	-0.12	-0.12	-0.01	-0.02	<b>1.26</b>	CO 17
			min M <sub>z</sub>	-6.23	6.65	0.65	-0.01	0.23	<b>-4.95</b>	CO 8
			max N	<b>-1.17</b>	10.87	-0.37	-0.01	0.17	-4.51	CO 8
			min N	<b>-121.50</b>	25.05	0.03	-0.01	-0.01	1.30	CO 17
			max V <sub>y</sub>	-111.79	<b>29.79</b>	-0.19	-0.01	0.09	-1.42	CO 18
			min V <sub>y</sub>	-17.32	<b>3.21</b>	0.00	0.00	0.00	-0.09	CO 1
			max V <sub>z</sub>	-119.54	25.26	<b>0.03</b>	0.00	0.00	1.04	CO 19
			min V <sub>z</sub>	-1.17	10.87	<b>-0.37</b>	-0.01	0.17	-4.51	CO 8
			max M <sub>T</sub>	-14.04	3.52	-0.03	<b>0.01</b>	0.03	-0.52	CO 9
			min M <sub>T</sub>	-83.55	28.12	-0.35	<b>-0.01</b>	0.16	-3.52	CO 12
			max M <sub>y</sub>	-1.17	10.87	-0.37	-0.01	<b>0.17</b>	-4.51	CO 8
			min M <sub>y</sub>	-121.50	25.05	0.03	-0.01	<b>-0.01</b>	1.30	CO 17
			max M <sub>z</sub>	-121.50	25.05	0.03	-0.01	-0.01	<b>1.30</b>	CO 17
			min M <sub>z</sub>	-1.17	10.87	-0.37	-0.01	0.17	<b>-4.51</b>	CO 8
	1629	0.300	max N	<b>-1.02</b>	10.87	-0.37	-0.01	0.11	-6.14	CO 8
			min N	<b>-121.34</b>	25.05	0.03	-0.01	-0.01	-2.46	CO 17
			max V <sub>y</sub>	-111.64	<b>29.78</b>	-0.19	-0.01	0.06	-5.89	CO 18
			min V <sub>y</sub>	-17.16	<b>3.21</b>	0.00	0.00	0.00	-0.57	CO 1
			max V <sub>z</sub>	-119.38	25.26	<b>0.03</b>	0.00	0.01	-2.75	CO 19
			min V <sub>z</sub>	-1.02	10.87	<b>-0.37</b>	-0.01	0.11	-6.14	CO 8
			max M <sub>T</sub>	-13.89	3.52	-0.03	<b>0.01</b>	0.03	-1.05	CO 9
			min M <sub>T</sub>	-83.40	28.11	-0.34	<b>-0.01</b>	0.11	-7.74	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-1.02	10.87	-0.37	-0.01	<b>0.11</b>	-6.14	CO 8
			min M <sub>y</sub>	-121.34	25.05	0.03	-0.01	<b>-0.01</b>	-2.46	CO 17
			max M <sub>z</sub>	-17.16	3.21	0.00	0.00	0.00	<b>-0.57</b>	CO 1
			min M <sub>z</sub>	-83.40	28.11	-0.34	-0.01	0.11	<b>-7.74</b>	CO 12
	1629	0.300	Max N	<b>-1.02</b>	10.87	-0.37	-0.01	0.11	-6.14	CO 8
	582	0.000	Min N	<b>-126.30</b>	-0.12	-0.12	-0.01	0.00	1.24	CO 17
		0.150	Max V <sub>y</sub>	-111.79	<b>29.79</b>	-0.19	-0.01	0.09	-1.42	CO 18
	582	0.000	Min V <sub>y</sub>	-124.33	<b>-0.17</b>	0.47	0.00	-0.03	0.98	CO 19
	582	0.000	Max V <sub>z</sub>	-19.44	-0.03	<b>0.96</b>	0.01	-0.04	-0.52	CO 9
		0.150	Min V <sub>z</sub>	-1.17	10.87	<b>-0.37</b>	-0.01	0.17	-4.51	CO 8
		0.150	Max M <sub>T</sub>	-14.04	3.52	-0.03	<b>0.01</b>	0.03	-0.52	CO 9
		0.150	Min M <sub>T</sub>	-88.17	6.63	0.58	<b>-0.02</b>	0.22	-3.99	CO 12
		0.150	Max M <sub>y</sub>	-6.23	6.65	0.65	-0.01	<b>0.23</b>	-4.95	CO 8
	582	0.000	Min M <sub>y</sub>	-101.39	-0.15	0.89	0.01	<b>-0.05</b>	0.50	CO 13
		0.150	Max M <sub>z</sub>	-121.50	25.05	0.03	-0.01	-0.01	<b>1.30</b>	CO 17
	1629	0.300	Min M <sub>z</sub>	-83.40	28.11	-0.34	-0.01	0.11	<b>-7.74</b>	CO 12
2226	1691	0.000	max N	<b>-0.93</b>	0.00	-4.07	0.00	1.06	0.00	CO 12
			min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	-0.94	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.94	<b>0.00</b>	-4.07	0.00	1.06	0.00	CO 8
			max V <sub>z</sub>	-0.94	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.93	0.00	<b>-4.07</b>	0.00	1.06	0.00	CO 12
			max M <sub>T</sub>	-0.94	0.00	-4.07	<b>0.00</b>	1.06	0.00	CO 8
			min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.93	0.00	-4.07	0.00	<b>1.06</b>	0.00	CO 12
			min M <sub>y</sub>	-0.94	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-0.94	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.94	0.00	-4.07	0.00	1.06	<b>0.00</b>	CO 8
	1900	0.522	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1900	0.522	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1691	0.000	Min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1691	0.000	Max V <sub>y</sub>	-0.94	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 9
	1691	0.000	Min V <sub>y</sub>	-0.94	<b>0.00</b>	-4.07	0.00	1.06	0.00	CO 8
	1900	0.522	Max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
	1691	0.000	Min V <sub>z</sub>	-0.93	0.00	<b>-4.07</b>	0.00	1.06	0.00	CO 12
	1691	0.000	Max M <sub>T</sub>	-0.94	0.00	-4.07	<b>0.00</b>	1.06	0.00	CO 8
	1691	0.000	Min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	1691	0.000	Max M <sub>y</sub>	-0.93	0.00	-4.07	0.00	<b>1.06</b>	0.00	CO 12
	1900	0.522	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
	1691	0.000	Max M <sub>z</sub>	-0.94	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 9
	1691	0.000	Min M <sub>z</sub>	-0.94	0.00	-4.07	0.00	1.06	<b>0.00</b>	CO 8
2228	583	0.000	max N	<b>1.45</b>	-8.98	0.09	0.02	-0.05	-4.63	CO 8
			min N	<b>-67.23</b>	9.73	0.33	0.01	-0.06	12.63	CO 19
			max V <sub>y</sub>	-29.59	<b>16.55</b>	0.59	0.01	-0.12	7.52	CO 11
			min V <sub>y</sub>	-24.96	<b>-9.61</b>	0.07	0.02	-0.04	-0.23	CO 14
			max V <sub>z</sub>	-13.26	15.38	<b>0.60</b>	0.01	-0.12	4.72	CO 9
			min V <sub>z</sub>	-67.11	0.86	<b>-0.04</b>	0.00	0.01	10.80	CO 17
			max M <sub>T</sub>	-14.88	-7.80	0.08	<b>0.02</b>	-0.04	-1.84	CO 10
			min M <sub>T</sub>	-67.11	0.86	-0.04	<b>0.00</b>	0.01	10.80	CO 17
			max M <sub>y</sub>	-67.11	0.86	-0.04	0.00	<b>0.01</b>	10.80	CO 17
			min M <sub>y</sub>	-13.26	15.38	0.60	0.01	<b>-0.12</b>	4.72	CO 9
			max M <sub>z</sub>	-67.23	9.73	0.33	0.01	-0.06	<b>12.63</b>	CO 19
			min M <sub>z</sub>	1.45	-8.98	0.09	0.02	-0.05	<b>-4.63</b>	CO 8
		0.150	max N	<b>1.60</b>	-9.75	0.09	0.02	-0.03	-3.23	CO 8
			min N	<b>-67.08</b>	10.21	0.33	0.01	-0.01	11.13	CO 19
			max V <sub>y</sub>	-29.43	<b>17.33</b>	0.59	0.01	-0.03	4.98	CO 11
			min V <sub>y</sub>	-24.80	<b>-10.39</b>	0.07	0.02	-0.03	1.27	CO 14
			max V <sub>z</sub>	-13.11	16.16	<b>0.60</b>	0.01	-0.03	2.35	CO 9
			min V <sub>z</sub>	-66.96	0.87	<b>-0.04</b>	0.00	0.01	10.67	CO 17
			max M <sub>T</sub>	-14.73	-8.58	0.08	<b>0.02</b>	-0.03	-0.61	CO 10
			min M <sub>T</sub>	-66.96	0.87	-0.04	<b>0.00</b>	0.01	10.67	CO 17
			max M <sub>y</sub>	-66.96	0.87	-0.04	0.00	<b>0.01</b>	10.67	CO 17
			min M <sub>y</sub>	1.60	-9.75	0.09	0.02	<b>-0.03</b>	-3.23	CO 8
			max M <sub>z</sub>	-67.08	10.21	0.33	0.01	-0.01	<b>11.13</b>	CO 19
			min M <sub>z</sub>	1.60	-9.75	0.09	0.02	-0.03	<b>-3.23</b>	CO 8
			max N	<b>3.84</b>	-9.75	0.05	0.02	-0.03	-3.19	CO 8
			min N	<b>-64.84</b>	10.20	0.00	0.01	-0.01	11.15	CO 19
			max V <sub>y</sub>	-27.19	<b>17.33</b>	0.00	0.01	-0.03	5.01	CO 11
			min V <sub>y</sub>	-22.56	<b>-10.39</b>	0.05	0.02	-0.03	1.30	CO 14
			max V <sub>z</sub>	-12.49	-8.58	<b>0.05</b>	0.02	-0.03	-0.57	CO 10
			min V <sub>z</sub>	-10.87	16.16	<b>0.00</b>	0.01	-0.03	2.38	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-12.49	-8.58	0.05	<b>0.02</b>	-0.03	-0.57	CO 10
			min M <sub>T</sub>	-64.72	0.87	0.00	<b>0.00</b>	0.01	10.67	CO 17
			max M <sub>y</sub>	-64.72	0.87	0.00	0.00	<b>0.01</b>	10.67	CO 17
			min M <sub>y</sub>	3.84	-9.75	0.05	0.02	<b>-0.03</b>	-3.19	CO 8
			max M <sub>z</sub>	-64.84	10.20	0.00	0.01	-0.01	<b>11.15</b>	CO 19
			min M <sub>z</sub>	3.84	-9.75	0.05	0.02	-0.03	<b>-3.19</b>	CO 8
	1694	0.300	max N	<b>3.99</b>	-10.52	0.05	0.02	-0.03	-1.67	CO 8
			min N	<b>-64.68</b>	10.68	0.00	0.01	-0.01	9.58	CO 19
			max V <sub>y</sub>	-27.04	<b>18.10</b>	0.00	0.01	-0.03	2.35	CO 11
			min V <sub>y</sub>	-22.41	<b>-11.16</b>	0.05	0.02	-0.02	2.92	CO 14
			max V <sub>z</sub>	-12.34	-9.35	<b>0.06</b>	0.02	-0.02	0.77	CO 10
			min V <sub>z</sub>	-10.71	16.93	<b>0.00</b>	0.01	-0.03	-0.10	CO 9
			max M <sub>T</sub>	-12.34	-9.35	0.06	<b>0.02</b>	-0.02	0.77	CO 10
			min M <sub>T</sub>	-64.56	0.88	0.00	<b>0.00</b>	0.01	10.53	CO 17
			max M <sub>y</sub>	-64.56	0.88	0.00	0.00	<b>0.01</b>	10.53	CO 17
			min M <sub>y</sub>	-10.71	16.93	0.00	0.01	<b>-0.03</b>	-0.10	CO 9
			max M <sub>z</sub>	-64.56	0.88	0.00	0.00	0.01	<b>10.53</b>	CO 17
			min M <sub>z</sub>	3.99	-10.52	0.05	0.02	-0.03	<b>-1.67</b>	CO 8
	1694	0.300	Max N	<b>3.99</b>	-10.52	0.05	0.02	-0.03	-1.67	CO 8
	583	0.000	Min N	<b>-67.23</b>	9.73	0.33	0.01	-0.06	12.63	CO 19
	1694	0.300	Max V <sub>y</sub>	-27.04	<b>18.10</b>	0.00	0.01	-0.03	2.35	CO 11
	1694	0.300	Min V <sub>y</sub>	-22.41	<b>-11.16</b>	0.05	0.02	-0.02	2.92	CO 14
	583	0.000	Max V <sub>z</sub>	-13.26	15.38	<b>0.60</b>	0.01	-0.12	4.72	CO 9
	583	0.000	Min V <sub>z</sub>	-67.11	0.86	<b>-0.04</b>	0.00	0.01	10.80	CO 17
	1694	0.300	Max M <sub>T</sub>	-12.34	-9.35	0.06	<b>0.02</b>	-0.02	0.77	CO 10
		0.150	Min M <sub>T</sub>	-66.96	0.87	-0.04	<b>0.00</b>	0.01	10.67	CO 17
	583	0.000	Max M <sub>y</sub>	-67.11	0.86	-0.04	0.00	<b>0.01</b>	10.80	CO 17
	583	0.000	Min M <sub>y</sub>	-13.26	15.38	0.60	0.01	<b>-0.12</b>	4.72	CO 9
	583	0.000	Max M <sub>z</sub>	-67.23	9.73	0.33	0.01	-0.06	<b>12.63</b>	CO 19
	583	0.000	Min M <sub>z</sub>	1.45	-8.98	0.09	0.02	-0.05	<b>-4.63</b>	CO 8
2229	1918	0.000	max N	<b>77.75</b>	-0.02	4.00	-0.01	-3.10	-0.01	CO 17
			min N	<b>9.29</b>	0.03	0.22	0.02	-0.18	0.03	CO 9
			max V <sub>y</sub>	9.29	<b>0.03</b>	0.22	0.02	-0.18	0.03	CO 9
			min V <sub>y</sub>	63.92	<b>-0.28</b>	-1.44	-0.10	1.33	-0.25	CO 12
			max V <sub>z</sub>	77.75	-0.02	<b>4.00</b>	-0.01	-3.10	-0.01	CO 17
			min V <sub>z</sub>	12.35	-0.26	<b>-3.89</b>	-0.10	3.34	-0.24	CO 8
			max M <sub>T</sub>	9.29	0.03	0.22	<b>0.02</b>	-0.18	0.03	CO 9
			min M <sub>T</sub>	63.92	-0.28	-1.44	<b>-0.10</b>	1.33	-0.25	CO 12
			max M <sub>y</sub>	12.35	-0.26	-3.89	-0.10	<b>3.34</b>	-0.24	CO 8
			min M <sub>y</sub>	77.75	-0.02	4.00	-0.01	<b>-3.10</b>	-0.01	CO 17
			max M <sub>z</sub>	9.29	0.03	0.22	0.02	-0.18	<b>0.03</b>	CO 9



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	63.92	-0.28	-1.44	-0.10	1.33	<b>-0.25</b>	CO 12
	563	1.129	max N	<b>77.62</b>	-0.02	3.69	-0.01	1.17	0.01	CO 17
			min N	<b>9.15</b>	0.03	0.05	0.02	-0.02	-0.01	CO 9
			max V <sub>y</sub>	9.15	<b>0.03</b>	0.05	0.02	-0.02	-0.01	CO 9
			min V <sub>y</sub>	63.79	<b>-0.26</b>	-1.55	-0.10	-0.34	0.05	CO 12
			max V <sub>z</sub>	77.62	-0.02	<b>3.69</b>	-0.01	1.17	0.01	CO 17
			min V <sub>z</sub>	12.22	-0.25	<b>-4.04</b>	-0.10	-1.13	0.05	CO 8
			max M <sub>T</sub>	9.15	0.03	0.05	<b>0.02</b>	-0.02	-0.01	CO 9
			min M <sub>T</sub>	63.79	-0.26	-1.55	<b>-0.10</b>	-0.34	0.05	CO 12
			max M <sub>y</sub>	77.62	-0.02	3.69	-0.01	<b>1.17</b>	0.01	CO 17
			min M <sub>y</sub>	12.22	-0.25	-4.04	-0.10	<b>-1.13</b>	0.05	CO 8
			max M <sub>z</sub>	63.79	-0.26	-1.55	-0.10	-0.34	<b>0.05</b>	CO 12
			min M <sub>z</sub>	9.15	0.03	0.05	0.02	-0.02	<b>-0.01</b>	CO 9
	1918	0.000	Max N	<b>77.75</b>	-0.02	4.00	-0.01	-3.10	-0.01	CO 17
	563	1.129	Min N	<b>9.15</b>	0.03	0.05	0.02	-0.02	-0.01	CO 9
	1918	0.000	Max V <sub>y</sub>	9.29	<b>0.03</b>	0.22	0.02	-0.18	0.03	CO 9
	1918	0.000	Min V <sub>y</sub>	63.92	<b>-0.28</b>	-1.44	-0.10	1.33	-0.25	CO 12
	1918	0.000	Max V <sub>z</sub>	77.75	-0.02	<b>4.00</b>	-0.01	-3.10	-0.01	CO 17
	563	1.129	Min V <sub>z</sub>	12.22	-0.25	<b>-4.04</b>	-0.10	-1.13	0.05	CO 8
	563	1.129	Max M <sub>T</sub>	9.15	0.03	0.05	<b>0.02</b>	-0.02	-0.01	CO 9
	1918	0.000	Min M <sub>T</sub>	63.92	-0.28	-1.44	<b>-0.10</b>	1.33	-0.25	CO 12
	1918	0.000	Max M <sub>y</sub>	12.35	-0.26	-3.89	-0.10	<b>3.34</b>	-0.24	CO 8
	1918	0.000	Min M <sub>y</sub>	77.75	-0.02	4.00	-0.01	<b>-3.10</b>	-0.01	CO 17
	563	1.129	Max M <sub>z</sub>	63.79	-0.26	-1.55	-0.10	-0.34	<b>0.05</b>	CO 12
	1918	0.000	Min M <sub>z</sub>	63.92	-0.28	-1.44	-0.10	1.33	<b>-0.25</b>	CO 12
2230	563	0.000	max N	<b>-4.63</b>	-0.22	0.76	-0.03	-0.55	-0.12	CO 8
			min N	<b>-81.70</b>	-0.02	0.42	0.00	0.30	-0.01	CO 17
			max V <sub>y</sub>	-8.69	<b>0.03</b>	0.07	0.00	0.00	0.02	CO 9
			min V <sub>y</sub>	-59.13	<b>-0.24</b>	1.05	-0.03	-0.37	-0.13	CO 12
			max V <sub>z</sub>	-59.13	-0.24	<b>1.05</b>	-0.03	-0.37	-0.13	CO 12
			min V <sub>z</sub>	-12.66	0.00	<b>0.03</b>	0.00	0.08	0.00	CO 1
			max M <sub>T</sub>	-8.69	0.03	0.07	<b>0.00</b>	0.00	0.02	CO 9
			min M <sub>T</sub>	-59.13	-0.24	1.05	<b>-0.03</b>	-0.37	-0.13	CO 12
			max M <sub>y</sub>	-81.70	-0.02	0.42	0.00	<b>0.30</b>	-0.01	CO 17
			min M <sub>y</sub>	-4.63	-0.22	0.76	-0.03	<b>-0.55</b>	-0.12	CO 8
			max M <sub>z</sub>	-8.69	0.03	0.07	0.00	0.00	<b>0.02</b>	CO 9
			min M <sub>z</sub>	-59.13	-0.24	1.05	-0.03	-0.37	<b>-0.13</b>	CO 12
	1923	1.129	max N	<b>-4.50</b>	-0.22	0.58	-0.03	0.21	0.14	CO 8
			min N	<b>-81.57</b>	-0.02	0.16	0.00	0.64	0.01	CO 17
			max V <sub>y</sub>	-8.57	<b>0.03</b>	-0.11	0.00	-0.02	-0.01	CO 9
			min V <sub>y</sub>	-59.01	<b>-0.24</b>	0.85	-0.03	0.72	0.15	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-59.01	-0.24	<b>0.85</b>	-0.03	0.72	0.15	CO 12
			min V <sub>z</sub>	-12.53	0.00	<b>-0.15</b>	0.00	0.01	0.00	CO 1
			max M <sub>T</sub>	-8.57	0.03	-0.11	<b>0.00</b>	-0.02	-0.01	CO 9
			min M <sub>T</sub>	-59.01	-0.24	0.85	<b>-0.03</b>	0.72	0.15	CO 12
			max M <sub>y</sub>	-76.70	-0.15	0.61	-0.02	<b>0.76</b>	0.10	CO 18
			min M <sub>y</sub>	-8.57	0.03	-0.11	0.00	<b>-0.02</b>	-0.01	CO 9
			max M <sub>z</sub>	-59.01	-0.24	0.85	-0.03	0.72	<b>0.15</b>	CO 12
			min M <sub>z</sub>	-8.57	0.03	-0.11	0.00	-0.02	<b>-0.01</b>	CO 9
	1923	1.129	Max N	<b>-4.50</b>	-0.22	0.58	-0.03	0.21	0.14	CO 8
	563	0.000	Min N	<b>-81.70</b>	-0.02	0.42	0.00	0.30	-0.01	CO 17
		0.903	Max V <sub>y</sub>	-8.59	<b>0.03</b>	-0.07	0.00	0.00	-0.01	CO 9
		0.452	Min V <sub>y</sub>	-59.08	<b>-0.24</b>	0.99	-0.03	0.09	-0.02	CO 12
	563	0.000	Max V <sub>z</sub>	-59.13	-0.24	<b>1.05</b>	-0.03	-0.37	-0.13	CO 12
	1923	1.129	Min V <sub>z</sub>	-12.53	0.00	<b>-0.15</b>	0.00	0.01	0.00	CO 1
	563	0.000	Max M <sub>T</sub>	-8.69	0.03	0.07	<b>0.00</b>	0.00	0.02	CO 9
	563	0.000	Min M <sub>T</sub>	-59.13	-0.24	1.05	<b>-0.03</b>	-0.37	-0.13	CO 12
	1923	1.129	Max M <sub>y</sub>	-76.70	-0.15	0.61	-0.02	<b>0.76</b>	0.10	CO 18
	563	0.000	Min M <sub>y</sub>	-4.63	-0.22	0.76	-0.03	<b>-0.55</b>	-0.12	CO 8
	1923	1.129	Max M <sub>z</sub>	-59.01	-0.24	0.85	-0.03	0.72	<b>0.15</b>	CO 12
	563	0.000	Min M <sub>z</sub>	-59.13	-0.24	1.05	-0.03	-0.37	<b>-0.13</b>	CO 12
2231	1923	0.000	max N	<b>1.64</b>	0.00	-0.27	0.00	0.49	0.00	CO 13
			min N	<b>-1.20</b>	0.13	-0.36	0.02	0.27	0.11	CO 8
			max V <sub>y</sub>	-0.90	<b>0.15</b>	-0.49	0.02	0.59	0.12	CO 12
			min V <sub>y</sub>	1.29	<b>-0.01</b>	-0.13	0.00	0.17	-0.02	CO 9
			max V <sub>z</sub>	0.89	0.00	<b>-0.05</b>	0.00	0.14	0.00	CO 1
			min V <sub>z</sub>	-0.90	0.15	<b>-0.49</b>	0.02	0.59	0.12	CO 12
			max M <sub>T</sub>	-0.90	0.15	-0.49	<b>0.02</b>	0.59	0.12	CO 12
			min M <sub>T</sub>	1.29	-0.01	-0.13	<b>0.00</b>	0.17	-0.02	CO 9
			max M <sub>y</sub>	-0.02	0.10	-0.41	0.01	<b>0.63</b>	0.08	CO 18
			min M <sub>y</sub>	0.89	0.00	-0.05	0.00	<b>0.14</b>	0.00	CO 1
			max M <sub>z</sub>	-0.90	0.15	-0.49	0.02	0.59	<b>0.12</b>	CO 12
			min M <sub>z</sub>	1.29	-0.01	-0.13	0.00	0.17	<b>-0.02</b>	CO 9
	1496	1.129	max N	<b>1.51</b>	0.00	-0.44	0.00	0.09	0.00	CO 13
			min N	<b>-1.33</b>	0.13	-0.53	0.02	-0.23	-0.04	CO 8
			max V <sub>y</sub>	-1.03	<b>0.15</b>	-0.67	0.02	-0.06	-0.05	CO 12
			min V <sub>y</sub>	1.16	<b>-0.01</b>	-0.31	0.00	-0.08	0.00	CO 9
			max V <sub>z</sub>	0.75	0.00	<b>-0.22</b>	0.00	-0.01	0.00	CO 1
			min V <sub>z</sub>	-1.03	0.15	<b>-0.67</b>	0.02	-0.06	-0.05	CO 12
			max M <sub>T</sub>	-1.03	0.15	-0.67	<b>0.02</b>	-0.06	-0.05	CO 12
			min M <sub>T</sub>	1.16	-0.01	-0.31	<b>0.00</b>	-0.08	0.00	CO 9
			max M <sub>y</sub>	1.12	0.02	-0.40	0.00	<b>0.20</b>	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-1.33	0.13	-0.53	0.02	<b>-0.23</b>	-0.04	CO 8
			max M <sub>z</sub>	0.75	0.00	-0.22	0.00	-0.01	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-1.03	0.15	-0.67	0.02	-0.06	<b>-0.05</b>	CO 12
	1923	0.000	Max N	<b>1.64</b>	0.00	-0.27	0.00	0.49	0.00	CO 13
	1496	1.129	Min N	<b>-1.33</b>	0.13	-0.53	0.02	-0.23	-0.04	CO 8
		0.677	Max V <sub>y</sub>	-0.98	<b>0.15</b>	-0.60	0.02	0.22	0.02	CO 12
	1923	0.000	Min V <sub>y</sub>	1.29	<b>-0.01</b>	-0.13	0.00	0.17	-0.02	CO 9
	1923	0.000	Max V <sub>z</sub>	0.89	0.00	<b>-0.05</b>	0.00	0.14	0.00	CO 1
	1496	1.129	Min V <sub>z</sub>	-1.03	0.15	<b>-0.67</b>	0.02	-0.06	-0.05	CO 12
	1496	1.129	Max M <sub>T</sub>	-1.03	0.15	-0.67	<b>0.02</b>	-0.06	-0.05	CO 12
	1496	1.129	Min M <sub>T</sub>	1.16	-0.01	-0.31	<b>0.00</b>	-0.08	0.00	CO 9
	1923	0.000	Max M <sub>y</sub>	-0.02	0.10	-0.41	0.01	<b>0.63</b>	0.08	CO 18
	1496	1.129	Min M <sub>y</sub>	-1.33	0.13	-0.53	0.02	<b>-0.23</b>	-0.04	CO 8
	1923	0.000	Max M <sub>z</sub>	-0.90	0.15	-0.49	0.02	0.59	<b>0.12</b>	CO 12
	1496	1.129	Min M <sub>z</sub>	-1.03	0.15	-0.67	0.02	-0.06	<b>-0.05</b>	CO 12
2232	1496	0.000	max N	<b>2.71</b>	0.06	0.12	-0.01	0.04	0.05	CO 8
			min N	<b>-0.44</b>	0.00	0.64	0.00	-0.04	0.01	CO 13
			max V <sub>y</sub>	2.22	<b>0.06</b>	0.35	-0.01	0.15	0.05	CO 12
			min V <sub>y</sub>	0.10	<b>0.00</b>	0.42	0.00	-0.15	0.00	CO 9
			max V <sub>z</sub>	-0.44	0.00	<b>0.64</b>	0.00	-0.04	0.01	CO 13
			min V <sub>z</sub>	2.71	0.06	<b>0.12</b>	-0.01	0.04	0.05	CO 8
			max M <sub>T</sub>	0.10	0.00	0.42	<b>0.00</b>	-0.15	0.00	CO 9
			min M <sub>T</sub>	2.46	0.06	0.22	<b>-0.01</b>	0.07	0.05	CO 10
			max M <sub>y</sub>	1.17	0.04	0.46	0.00	<b>0.16</b>	0.03	CO 18
			min M <sub>y</sub>	0.10	0.00	0.42	0.00	<b>-0.15</b>	0.00	CO 9
			max M <sub>z</sub>	2.22	0.06	0.35	-0.01	0.15	<b>0.05</b>	CO 12
			min M <sub>z</sub>	0.10	0.00	0.42	0.00	-0.15	<b>0.00</b>	CO 9
	1921	1.129	max N	<b>2.84</b>	0.06	-0.06	-0.01	0.08	-0.02	CO 8
			min N	<b>-0.32</b>	0.00	0.46	0.00	0.58	0.00	CO 13
			max V <sub>y</sub>	2.34	<b>0.06</b>	0.17	-0.01	0.44	-0.02	CO 12
			min V <sub>y</sub>	0.22	<b>0.00</b>	0.23	0.00	0.22	0.00	CO 9
			max V <sub>z</sub>	-0.32	0.00	<b>0.46</b>	0.00	0.58	0.00	CO 13
			min V <sub>z</sub>	2.84	0.06	<b>-0.06</b>	-0.01	0.08	-0.02	CO 8
			max M <sub>T</sub>	0.22	0.00	0.23	<b>0.00</b>	0.22	0.00	CO 9
			min M <sub>T</sub>	2.58	0.06	0.04	<b>-0.01</b>	0.22	-0.02	CO 10
			max M <sub>y</sub>	-0.31	0.00	0.45	0.00	<b>0.65</b>	0.00	CO 19
			min M <sub>y</sub>	2.84	0.06	-0.06	-0.01	<b>0.08</b>	-0.02	CO 8
			max M <sub>z</sub>	-0.32	0.00	0.46	0.00	0.58	<b>0.00</b>	CO 13
			min M <sub>z</sub>	2.64	0.06	0.07	-0.01	0.30	<b>-0.02</b>	CO 14
	1921	1.129	Max N	<b>2.84</b>	0.06	-0.06	-0.01	0.08	-0.02	CO 8
	1496	0.000	Min N	<b>-0.44</b>	0.00	0.64	0.00	-0.04	0.01	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1496	0.000	Max V <sub>y</sub>	2.22	<b>0.06</b>	0.35	-0.01	0.15	0.05	CO 12
	1496	0.000	Min V <sub>y</sub>	0.10	<b>0.00</b>	0.42	0.00	-0.15	0.00	CO 9
	1496	0.000	Max V <sub>z</sub>	-0.44	0.00	<b>0.64</b>	0.00	-0.04	0.01	CO 13
	1921	1.129	Min V <sub>z</sub>	2.84	0.06	<b>-0.06</b>	-0.01	0.08	-0.02	CO 8
	1496	0.000	Max M <sub>T</sub>	0.10	0.00	0.42	<b>0.00</b>	-0.15	0.00	CO 9
		0.452	Min M <sub>T</sub>	2.51	0.06	0.15	<b>-0.01</b>	0.16	0.02	CO 10
	1921	1.129	Max M <sub>y</sub>	-0.31	0.00	0.45	0.00	<b>0.65</b>	0.00	CO 19
	1496	0.000	Min M <sub>y</sub>	0.10	0.00	0.42	0.00	<b>-0.15</b>	0.00	CO 9
	1496	0.000	Max M <sub>z</sub>	2.22	0.06	0.35	-0.01	0.15	<b>0.05</b>	CO 12
	1921	1.129	Min M <sub>z</sub>	2.64	0.06	0.07	-0.01	0.30	<b>-0.02</b>	CO 14
2233	1921	0.000	max N	<b>-6.77</b>	0.01	-0.22	0.00	0.09	0.00	CO 9
			min N	<b>-79.36</b>	-0.01	-0.56	0.00	0.77	0.00	CO 17
			max V <sub>y</sub>	-6.77	<b>0.01</b>	-0.22	0.00	0.09	0.00	CO 9
			min V <sub>y</sub>	-64.40	<b>-0.05</b>	0.15	0.00	0.38	-0.03	CO 12
			max V <sub>z</sub>	-11.28	-0.05	<b>0.67</b>	0.00	-0.21	-0.03	CO 8
			min V <sub>z</sub>	-59.85	0.00	<b>-0.74</b>	0.00	0.68	0.00	CO 13
			max M <sub>T</sub>	-76.15	0.00	-0.74	<b>0.00</b>	0.80	0.00	CO 19
			min M <sub>T</sub>	-64.40	-0.05	0.15	<b>0.00</b>	0.38	-0.03	CO 12
			max M <sub>y</sub>	-76.15	0.00	-0.74	0.00	<b>0.80</b>	0.00	CO 19
			min M <sub>y</sub>	-11.28	-0.05	0.67	0.00	<b>-0.21</b>	-0.03	CO 8
			max M <sub>z</sub>	-12.07	0.00	0.07	0.00	0.03	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-64.40	-0.05	0.15	0.00	0.38	<b>-0.03</b>	CO 12
	1495	1.129	max N	<b>-6.90</b>	0.01	-0.39	0.00	-0.26	-0.01	CO 9
			min N	<b>-79.50</b>	-0.01	-0.80	0.00	-0.01	0.00	CO 17
			max V <sub>y</sub>	-6.90	<b>0.01</b>	-0.39	0.00	-0.26	-0.01	CO 9
			min V <sub>y</sub>	-64.54	<b>-0.05</b>	-0.07	0.00	0.42	0.03	CO 12
			max V <sub>z</sub>	-11.42	-0.05	<b>0.50</b>	0.00	0.45	0.03	CO 8
			min V <sub>z</sub>	-76.28	0.00	<b>-0.96</b>	0.00	-0.17	0.00	CO 19
			max M <sub>T</sub>	-32.30	0.00	-0.37	<b>0.00</b>	-0.03	0.00	CO 2
			min M <sub>T</sub>	-64.54	-0.05	-0.07	<b>0.00</b>	0.42	0.03	CO 12
			max M <sub>y</sub>	-44.42	-0.05	0.20	0.00	<b>0.48</b>	0.03	CO 14
			min M <sub>y</sub>	-26.98	0.01	-0.65	0.00	<b>-0.31</b>	-0.01	CO 11
			max M <sub>z</sub>	-64.54	-0.05	-0.07	0.00	0.42	<b>0.03</b>	CO 12
			min M <sub>z</sub>	-6.90	0.01	-0.39	0.00	-0.26	<b>-0.01</b>	CO 9
	1921	0.000	Max N	<b>-6.77</b>	0.01	-0.22	0.00	0.09	0.00	CO 9
	1495	1.129	Min N	<b>-79.50</b>	-0.01	-0.80	0.00	-0.01	0.00	CO 17
		0.677	Max V <sub>y</sub>	-6.85	<b>0.01</b>	-0.32	0.00	-0.10	-0.01	CO 9
		0.677	Min V <sub>y</sub>	-64.48	<b>-0.06</b>	0.02	0.00	0.44	0.01	CO 12
	1921	0.000	Max V <sub>z</sub>	-11.28	-0.05	<b>0.67</b>	0.00	-0.21	-0.03	CO 8
	1495	1.129	Min V <sub>z</sub>	-76.28	0.00	<b>-0.96</b>	0.00	-0.17	0.00	CO 19
	1921	0.000	Max M <sub>T</sub>	-76.15	0.00	-0.74	<b>0.00</b>	0.80	0.00	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1495	1.129	Min M <sub>T</sub>	-64.54	-0.05	-0.07	<b>0.00</b>	0.42	0.03	CO 12
	1921	0.000	Max M <sub>y</sub>	-76.15	0.00	-0.74	0.00	<b>0.80</b>	0.00	CO 19
	1495	1.129	Min M <sub>y</sub>	-26.98	0.01	-0.65	0.00	<b>-0.31</b>	-0.01	CO 11
	1495	1.129	Max M <sub>z</sub>	-64.54	-0.05	-0.07	0.00	0.42	<b>0.03</b>	CO 12
	1921	0.000	Min M <sub>z</sub>	-64.40	-0.05	0.15	0.00	0.38	<b>-0.03</b>	CO 12
2234	1495	0.000	max N	<b>79.55</b>	0.00	-1.32	0.00	0.54	0.00	CO 17
			min N	<b>6.14</b>	-0.01	-3.31	-0.02	0.88	-0.01	CO 8
			max V <sub>y</sub>	63.54	<b>0.00</b>	0.92	0.01	-0.17	0.00	CO 13
			min V <sub>y</sub>	58.93	<b>-0.01</b>	-4.30	-0.02	1.27	-0.01	CO 12
			max V <sub>z</sub>	10.72	0.00	<b>1.87</b>	0.01	-0.55	0.00	CO 9
			min V <sub>z</sub>	58.93	-0.01	<b>-4.30</b>	-0.02	1.27	-0.01	CO 12
			max M <sub>T</sub>	10.72	0.00	1.87	<b>0.01</b>	-0.55	0.00	CO 9
			min M <sub>T</sub>	58.93	-0.01	-4.30	<b>-0.02</b>	1.27	-0.01	CO 12
			max M <sub>y</sub>	58.93	-0.01	-4.30	-0.02	<b>1.27</b>	-0.01	CO 12
			min M <sub>y</sub>	10.72	0.00	1.87	0.01	<b>-0.55</b>	0.00	CO 9
			max M <sub>z</sub>	33.30	0.00	-0.09	0.00	0.09	<b>0.00</b>	CO 2
			min M <sub>z</sub>	38.47	-0.01	-4.18	-0.02	1.20	<b>-0.01</b>	CO 14
	1917	1.129	max N	<b>79.68</b>	0.00	-1.54	0.00	-1.05	0.00	CO 17
			min N	<b>6.26</b>	-0.01	-3.50	-0.02	-2.95	0.01	CO 8
			max V <sub>y</sub>	63.67	<b>0.00</b>	0.78	0.01	0.78	0.00	CO 13
			min V <sub>y</sub>	59.04	<b>-0.01</b>	-4.62	-0.02	-3.70	0.01	CO 12
			max V <sub>z</sub>	10.84	0.00	<b>1.70</b>	0.01	1.46	0.00	CO 9
			min V <sub>z</sub>	59.04	-0.01	<b>-4.62</b>	-0.02	-3.70	0.01	CO 12
			max M <sub>T</sub>	10.84	0.00	1.70	<b>0.01</b>	1.46	0.00	CO 9
			min M <sub>T</sub>	59.04	-0.01	-4.62	<b>-0.02</b>	-3.70	0.01	CO 12
			max M <sub>y</sub>	10.84	0.00	1.70	0.01	<b>1.46</b>	0.00	CO 9
			min M <sub>y</sub>	59.04	-0.01	-4.62	-0.02	<b>-3.70</b>	0.01	CO 12
			max M <sub>z</sub>	59.04	-0.01	-4.62	-0.02	-3.70	<b>0.01</b>	CO 12
			min M <sub>z</sub>	63.67	0.00	0.78	0.01	0.78	<b>0.00</b>	CO 13
	1917	1.129	Max N	<b>79.68</b>	0.00	-1.54	0.00	-1.05	0.00	CO 17
	1495	0.000	Min N	<b>6.14</b>	-0.01	-3.31	-0.02	0.88	-0.01	CO 8
	1917	1.129	Max V <sub>y</sub>	63.67	<b>0.00</b>	0.78	0.01	0.78	0.00	CO 13
	1495	0.000	Min V <sub>y</sub>	58.93	<b>-0.01</b>	-4.30	-0.02	1.27	-0.01	CO 12
	1495	0.000	Max V <sub>z</sub>	10.72	0.00	<b>1.87</b>	0.01	-0.55	0.00	CO 9
	1917	1.129	Min V <sub>z</sub>	59.04	-0.01	<b>-4.62</b>	-0.02	-3.70	0.01	CO 12
	1495	0.000	Max M <sub>T</sub>	10.72	0.00	1.87	<b>0.01</b>	-0.55	0.00	CO 9
	1495	0.000	Min M <sub>T</sub>	58.93	-0.01	-4.30	<b>-0.02</b>	1.27	-0.01	CO 12
	1917	1.129	Max M <sub>y</sub>	10.84	0.00	1.70	0.01	<b>1.46</b>	0.00	CO 9
	1917	1.129	Min M <sub>y</sub>	59.04	-0.01	-4.62	-0.02	<b>-3.70</b>	0.01	CO 12
	1917	1.129	Max M <sub>z</sub>	59.04	-0.01	-4.62	-0.02	-3.70	<b>0.01</b>	CO 12
	1495	0.000	Min M <sub>z</sub>	38.47	-0.01	-4.18	-0.02	1.20	<b>-0.01</b>	CO 14

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
2235	1919	0.000	max N	<b>66.11</b>	-0.01	2.36	0.00	-1.90	-0.01	CO 17
			min N	<b>5.30</b>	0.01	0.01	0.01	-0.02	0.02	CO 9
			max V <sub>y</sub>	53.25	<b>0.18</b>	-2.30	0.13	2.00	0.23	CO 12
			min V <sub>y</sub>	66.11	<b>-0.01</b>	2.36	0.00	-1.90	-0.01	CO 17
			max V <sub>z</sub>	66.11	-0.01	<b>2.36</b>	0.00	-1.90	-0.01	CO 17
			min V <sub>z</sub>	7.98	0.18	<b>-3.71</b>	0.13	3.23	0.23	CO 8
			max M <sub>T</sub>	7.98	0.18	-3.71	<b>0.13</b>	3.23	0.23	CO 8
			min M <sub>T</sub>	66.11	-0.01	2.36	<b>0.00</b>	-1.90	-0.01	CO 17
			max M <sub>y</sub>	7.98	0.18	-3.71	0.13	<b>3.23</b>	0.23	CO 8
			min M <sub>y</sub>	66.11	-0.01	2.36	0.00	<b>-1.90</b>	-0.01	CO 17
			max M <sub>z</sub>	7.98	0.18	-3.71	0.13	3.23	<b>0.23</b>	CO 8
			min M <sub>z</sub>	66.11	-0.01	2.36	0.00	-1.90	<b>-0.01</b>	CO 17
	1494	1.129	max N	<b>65.97</b>	0.00	2.11	0.00	0.59	0.00	CO 17
			min N	<b>5.17</b>	0.01	-0.17	0.01	-0.11	0.01	CO 9
			max V <sub>y</sub>	7.85	<b>0.17</b>	-3.87	0.13	-1.04	0.03	CO 8
			min V <sub>y</sub>	65.97	<b>0.00</b>	2.11	0.00	0.59	0.00	CO 17
			max V <sub>z</sub>	65.97	0.00	<b>2.11</b>	0.00	0.59	0.00	CO 17
			min V <sub>z</sub>	7.85	0.17	<b>-3.87</b>	0.13	-1.04	0.03	CO 8
			max M <sub>T</sub>	7.85	0.17	-3.87	<b>0.13</b>	-1.04	0.03	CO 8
			min M <sub>T</sub>	65.97	0.00	2.11	<b>0.00</b>	0.59	0.00	CO 17
			max M <sub>y</sub>	65.97	0.00	2.11	0.00	<b>0.59</b>	0.00	CO 17
			min M <sub>y</sub>	7.85	0.17	-3.87	0.13	<b>-1.04</b>	0.03	CO 8
			max M <sub>z</sub>	7.85	0.17	-3.87	0.13	-1.04	<b>0.03</b>	CO 8
			min M <sub>z</sub>	65.97	0.00	2.11	0.00	0.59	<b>0.00</b>	CO 17
	1919	0.000	Max N	<b>66.11</b>	-0.01	2.36	0.00	-1.90	-0.01	CO 17
	1494	1.129	Min N	<b>5.17</b>	0.01	-0.17	0.01	-0.11	0.01	CO 9
	1919	0.000	Max V <sub>y</sub>	53.25	<b>0.18</b>	-2.30	0.13	2.00	0.23	CO 12
	1919	0.000	Min V <sub>y</sub>	66.11	<b>-0.01</b>	2.36	0.00	-1.90	-0.01	CO 17
	1919	0.000	Max V <sub>z</sub>	66.11	-0.01	<b>2.36</b>	0.00	-1.90	-0.01	CO 17
	1494	1.129	Min V <sub>z</sub>	7.85	0.17	<b>-3.87</b>	0.13	-1.04	0.03	CO 8
	1919	0.000	Max M <sub>T</sub>	7.98	0.18	-3.71	<b>0.13</b>	3.23	0.23	CO 8
	1494	1.129	Min M <sub>T</sub>	65.97	0.00	2.11	<b>0.00</b>	0.59	0.00	CO 17
	1919	0.000	Max M <sub>y</sub>	7.98	0.18	-3.71	0.13	<b>3.23</b>	0.23	CO 8
	1919	0.000	Min M <sub>y</sub>	66.11	-0.01	2.36	0.00	<b>-1.90</b>	-0.01	CO 17
	1919	0.000	Max M <sub>z</sub>	7.98	0.18	-3.71	0.13	3.23	<b>0.23</b>	CO 8
	1919	0.000	Min M <sub>z</sub>	66.11	-0.01	2.36	0.00	-1.90	<b>-0.01</b>	CO 17
2237	1494	0.000	max N	<b>-0.59</b>	0.15	0.76	0.00	-0.51	0.10	CO 8
			min N	<b>-67.05</b>	0.00	1.08	0.00	-0.07	0.00	CO 17
			max V <sub>y</sub>	-0.59	<b>0.15</b>	0.76	0.00	-0.51	0.10	CO 8
			min V <sub>y</sub>	-67.05	<b>0.00</b>	1.08	0.00	-0.07	0.00	CO 17
			max V <sub>z</sub>	-46.85	0.14	<b>1.46</b>	0.00	-0.57	0.10	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-8.54	0.00	<b>0.18</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	-46.85	0.14	1.46	<b>0.00</b>	-0.57	0.10	CO 12
			min M <sub>T</sub>	-50.56	0.00	0.93	<b>0.00</b>	-0.13	0.00	CO 13
			max M <sub>y</sub>	-8.54	0.00	0.18	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-46.85	0.14	1.46	0.00	<b>-0.57</b>	0.10	CO 12
			max M <sub>z</sub>	-0.59	0.15	0.76	0.00	-0.51	<b>0.10</b>	CO 8
			min M <sub>z</sub>	-67.05	0.00	1.08	0.00	-0.07	<b>0.00</b>	CO 17
	1924	1.129	max N	<b>-0.46</b>	0.15	0.58	0.00	0.25	-0.07	CO 8
			min N	<b>-66.92</b>	0.00	0.83	0.00	1.02	0.00	CO 17
			max V <sub>y</sub>	-0.46	<b>0.15</b>	0.58	0.00	0.25	-0.07	CO 8
			min V <sub>y</sub>	-66.92	<b>0.00</b>	0.83	0.00	1.02	0.00	CO 17
			max V <sub>z</sub>	-46.72	0.14	<b>1.26</b>	0.00	0.98	-0.07	CO 12
			min V <sub>z</sub>	-8.41	0.00	<b>-0.01</b>	0.00	0.10	0.00	CO 1
			max M <sub>T</sub>	-46.72	0.14	1.26	<b>0.00</b>	0.98	-0.07	CO 12
			min M <sub>T</sub>	-50.43	0.00	0.71	<b>0.00</b>	0.80	0.00	CO 13
			max M <sub>y</sub>	-62.13	0.08	1.19	0.00	<b>1.11</b>	-0.04	CO 18
			min M <sub>y</sub>	-4.17	0.01	0.04	0.00	<b>0.08</b>	-0.01	CO 9
			max M <sub>z</sub>	-66.92	0.00	0.83	0.00	1.02	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-0.46	0.15	0.58	0.00	0.25	<b>-0.07</b>	CO 8
	1924	1.129	Max N	<b>-0.46</b>	0.15	0.58	0.00	0.25	-0.07	CO 8
	1494	0.000	Min N	<b>-67.05</b>	0.00	1.08	0.00	-0.07	0.00	CO 17
		0.677	Max V <sub>y</sub>	-0.51	<b>0.15</b>	0.65	0.00	-0.03	0.00	CO 8
		0.677	Min V <sub>y</sub>	-66.97	<b>0.00</b>	0.95	0.00	0.62	0.00	CO 17
	1494	0.000	Max V <sub>z</sub>	-46.85	0.14	<b>1.46</b>	0.00	-0.57	0.10	CO 12
	1924	1.129	Min V <sub>z</sub>	-8.41	0.00	<b>-0.01</b>	0.00	0.10	0.00	CO 1
	1924	1.129	Max M <sub>T</sub>	-46.72	0.14	1.26	<b>0.00</b>	0.98	-0.07	CO 12
	1924	1.129	Min M <sub>T</sub>	-50.43	0.00	0.71	<b>0.00</b>	0.80	0.00	CO 13
	1924	1.129	Max M <sub>y</sub>	-62.13	0.08	1.19	0.00	<b>1.11</b>	-0.04	CO 18
	1494	0.000	Min M <sub>y</sub>	-46.85	0.14	1.46	0.00	<b>-0.57</b>	0.10	CO 12
	1494	0.000	Max M <sub>z</sub>	-0.59	0.15	0.76	0.00	-0.51	<b>0.10</b>	CO 8
	1924	1.129	Min M <sub>z</sub>	-0.46	0.15	0.58	0.00	0.25	<b>-0.07</b>	CO 8
2240	1924	0.000	max N	<b>0.81</b>	0.00	0.00	0.00	0.03	0.00	CO 9
			min N	<b>-1.92</b>	-0.02	-0.03	0.01	0.17	-0.02	CO 12
			max V <sub>y</sub>	0.57	<b>0.00</b>	0.07	0.00	0.10	0.01	CO 13
			min V <sub>y</sub>	-1.92	<b>-0.02</b>	-0.03	0.01	0.17	-0.02	CO 12
			max V <sub>z</sub>	0.27	0.00	<b>0.19</b>	0.00	0.10	0.00	CO 17
			min V <sub>z</sub>	-1.63	-0.02	<b>-0.10</b>	0.01	0.09	-0.02	CO 8
			max M <sub>T</sub>	-1.63	-0.02	-0.10	<b>0.01</b>	0.09	-0.02	CO 8
			min M <sub>T</sub>	0.27	0.00	0.19	<b>0.00</b>	0.10	0.00	CO 17
			max M <sub>y</sub>	-1.92	-0.02	-0.03	0.01	<b>0.17</b>	-0.02	CO 12
			min M <sub>y</sub>	0.62	0.00	0.10	0.00	<b>0.00</b>	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	0.57	0.00	0.07	0.00	0.10	<b>0.01</b>	CO 13
			min M <sub>z</sub>	-1.92	-0.02	-0.03	0.01	0.17	<b>-0.02</b>	CO 12
	1506	1.129	max N	<b>0.68</b>	0.00	-0.18	0.00	-0.07	0.00	CO 9
			min N	<b>-2.06</b>	-0.02	-0.20	0.01	0.04	0.00	CO 12
			max V <sub>y</sub>	0.44	<b>0.00</b>	-0.11	0.00	0.08	0.00	CO 13
			min V <sub>y</sub>	-2.06	<b>-0.02</b>	-0.20	0.01	0.04	0.00	CO 12
			max V <sub>z</sub>	0.14	0.00	<b>0.02</b>	0.00	0.22	0.00	CO 17
			min V <sub>z</sub>	-1.77	-0.02	<b>-0.27</b>	0.01	-0.12	0.00	CO 8
			max M <sub>T</sub>	-1.77	-0.02	-0.27	<b>0.01</b>	-0.12	0.00	CO 8
			min M <sub>T</sub>	0.14	0.00	0.02	<b>0.00</b>	0.22	0.00	CO 17
			max M <sub>y</sub>	0.14	0.00	0.02	0.00	<b>0.22</b>	0.00	CO 17
			min M <sub>y</sub>	-1.77	-0.02	-0.27	0.01	<b>-0.12</b>	0.00	CO 8
			max M <sub>z</sub>	0.68	0.00	-0.18	0.00	-0.07	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-2.06	-0.02	-0.20	0.01	0.04	<b>0.00</b>	CO 12
	1924	0.000	Max N	<b>0.81</b>	0.00	0.00	0.00	0.03	0.00	CO 9
	1506	1.129	Min N	<b>-2.06</b>	-0.02	-0.20	0.01	0.04	0.00	CO 12
	1506	1.129	Max V <sub>y</sub>	0.44	<b>0.00</b>	-0.11	0.00	0.08	0.00	CO 13
	1506	1.129	Min V <sub>y</sub>	-2.06	<b>-0.02</b>	-0.20	0.01	0.04	0.00	CO 12
	1924	0.000	Max V <sub>z</sub>	0.27	0.00	<b>0.19</b>	0.00	0.10	0.00	CO 17
	1506	1.129	Min V <sub>z</sub>	-1.77	-0.02	<b>-0.27</b>	0.01	-0.12	0.00	CO 8
	1924	0.000	Max M <sub>T</sub>	-1.63	-0.02	-0.10	<b>0.01</b>	0.09	-0.02	CO 8
	1506	1.129	Min M <sub>T</sub>	0.14	0.00	0.02	<b>0.00</b>	0.22	0.00	CO 17
	1506	1.129	Max M <sub>y</sub>	0.14	0.00	0.02	0.00	<b>0.22</b>	0.00	CO 17
	1506	1.129	Min M <sub>y</sub>	-1.77	-0.02	-0.27	0.01	<b>-0.12</b>	0.00	CO 8
	1924	0.000	Max M <sub>z</sub>	0.57	0.00	0.07	0.00	0.10	<b>0.01</b>	CO 13
	1924	0.000	Min M <sub>z</sub>	-1.92	-0.02	-0.03	0.01	0.17	<b>-0.02</b>	CO 12
2241	1913	0.000	max N	<b>-1.79</b>	0.00	7.80	0.00	-3.90	0.00	CO 8
			min N	<b>-1.80</b>	0.00	4.68	0.00	-2.34	0.00	CO 18
			max V <sub>y</sub>	-1.80	<b>0.00</b>	7.80	0.00	-3.90	0.00	CO 12
			min V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-1.79	0.00	<b>7.80</b>	0.00	-3.90	0.00	CO 8
			min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
			max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-1.80	0.00	7.80	<b>0.00</b>	-3.90	0.00	CO 12
			max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-1.79	0.00	7.80	0.00	<b>-3.90</b>	0.00	CO 8
			max M <sub>z</sub>	-1.80	0.00	7.80	0.00	-3.90	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 9
	1914	1.000	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1914	1.000	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1913	0.000	Min N	<b>-1.80</b>	0.00	4.68	0.00	-2.34	0.00	CO 18
	1913	0.000	Max V <sub>y</sub>	-1.80	<b>0.00</b>	7.80	0.00	-3.90	0.00	CO 12
	1913	0.000	Min V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 9
	1913	0.000	Max V <sub>z</sub>	-1.79	0.00	<b>7.80</b>	0.00	-3.90	0.00	CO 8
	1913	0.000	Min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
	1913	0.000	Max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	1913	0.000	Min M <sub>T</sub>	-1.80	0.00	7.80	<b>0.00</b>	-3.90	0.00	CO 12
	1913	0.000	Max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
	1913	0.000	Min M <sub>y</sub>	-1.79	0.00	7.80	0.00	<b>-3.90</b>	0.00	CO 8
	1913	0.000	Max M <sub>z</sub>	-1.80	0.00	7.80	0.00	-3.90	<b>0.00</b>	CO 12
	1913	0.000	Min M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 9
2242	1506	0.000	max N	<b>2.70</b>	-0.02	-0.17	0.01	0.18	0.00	CO 8
			min N	<b>0.17</b>	0.00	-0.02	0.00	0.22	0.00	CO 17
			max V <sub>y</sub>	0.56	<b>0.00</b>	0.19	0.00	-0.08	0.00	CO 9
			min V <sub>y</sub>	2.70	<b>-0.02</b>	-0.17	0.01	0.18	0.00	CO 8
			max V <sub>z</sub>	0.56	0.00	<b>0.19</b>	0.00	-0.08	0.00	CO 9
			min V <sub>z</sub>	2.52	-0.02	<b>-0.25</b>	0.02	0.34	0.00	CO 12
			max M <sub>T</sub>	2.52	-0.02	-0.25	<b>0.02</b>	0.34	0.00	CO 12
			min M <sub>T</sub>	0.56	0.00	0.19	<b>0.00</b>	-0.08	0.00	CO 9
			max M <sub>y</sub>	2.52	-0.02	-0.25	0.02	<b>0.34</b>	0.00	CO 12
			min M <sub>y</sub>	0.56	0.00	0.19	0.00	<b>-0.08</b>	0.00	CO 9
			max M <sub>z</sub>	0.56	0.00	0.19	0.00	-0.08	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.17	0.00	-0.02	0.00	0.22	<b>0.00</b>	CO 17
	1922	1.129	max N	<b>2.83</b>	-0.02	-0.36	0.01	-0.12	0.02	CO 8
			min N	<b>0.29</b>	0.00	-0.20	0.00	0.10	0.00	CO 17
			max V <sub>y</sub>	0.69	<b>0.00</b>	0.01	0.00	0.03	0.00	CO 9
			min V <sub>y</sub>	2.83	<b>-0.02</b>	-0.36	0.01	-0.12	0.02	CO 8
			max V <sub>z</sub>	0.69	0.00	<b>0.01</b>	0.00	0.03	0.00	CO 9
			min V <sub>z</sub>	2.64	-0.02	<b>-0.43</b>	0.02	-0.05	0.02	CO 12
			max M <sub>T</sub>	2.64	-0.02	-0.43	<b>0.02</b>	-0.05	0.02	CO 12
			min M <sub>T</sub>	0.69	0.00	0.01	<b>0.00</b>	0.03	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	0.35	0.00	-0.13	0.00	<b>0.12</b>	0.00	CO 19
			min M <sub>y</sub>	2.83	-0.02	-0.36	0.01	<b>-0.12</b>	0.02	CO 8
			max M <sub>z</sub>	2.83	-0.02	-0.36	0.01	-0.12	<b>0.02</b>	CO 8
			min M <sub>z</sub>	0.29	0.00	-0.20	0.00	0.10	<b>0.00</b>	CO 17
	1922	1.129	Max N	<b>2.83</b>	-0.02	-0.36	0.01	-0.12	0.02	CO 8
	1506	0.000	Min N	<b>0.17</b>	0.00	-0.02	0.00	0.22	0.00	CO 17
	1922	1.129	Max V <sub>y</sub>	0.69	<b>0.00</b>	0.01	0.00	0.03	0.00	CO 9
	1922	1.129	Min V <sub>y</sub>	2.83	<b>-0.02</b>	-0.36	0.01	-0.12	0.02	CO 8
	1506	0.000	Max V <sub>z</sub>	0.56	0.00	<b>0.19</b>	0.00	-0.08	0.00	CO 9
	1922	1.129	Min V <sub>z</sub>	2.64	-0.02	<b>-0.43</b>	0.02	-0.05	0.02	CO 12
	1506	0.000	Max M <sub>T</sub>	2.52	-0.02	-0.25	<b>0.02</b>	0.34	0.00	CO 12
	1922	1.129	Min M <sub>T</sub>	0.69	0.00	0.01	<b>0.00</b>	0.03	0.00	CO 9
	1506	0.000	Max M <sub>y</sub>	2.52	-0.02	-0.25	0.02	<b>0.34</b>	0.00	CO 12
	1922	1.129	Min M <sub>y</sub>	2.83	-0.02	-0.36	0.01	<b>-0.12</b>	0.02	CO 8
	1922	1.129	Max M <sub>z</sub>	2.83	-0.02	-0.36	0.01	-0.12	<b>0.02</b>	CO 8
	1922	1.129	Min M <sub>z</sub>	0.29	0.00	-0.20	0.00	0.10	<b>0.00</b>	CO 17
2243	1922	0.000	max N	<b>-3.97</b>	-0.02	-0.08	0.00	0.09	-0.01	CO 9
			min N	<b>-66.96</b>	0.01	-0.82	0.00	1.01	0.00	CO 17
			max V <sub>y</sub>	-54.35	<b>0.17</b>	0.16	0.00	0.50	0.08	CO 12
			min V <sub>y</sub>	-3.97	<b>-0.02</b>	-0.08	0.00	0.09	-0.01	CO 9
			max V <sub>z</sub>	-7.97	0.16	<b>0.81</b>	0.00	-0.22	0.08	CO 8
			min V <sub>z</sub>	-64.27	0.00	<b>-0.87</b>	0.00	1.01	0.00	CO 19
			max M <sub>T</sub>	-7.97	0.16	0.81	<b>0.00</b>	-0.22	0.08	CO 8
			min M <sub>T</sub>	-66.96	0.01	-0.82	<b>0.00</b>	1.01	0.00	CO 17
			max M <sub>y</sub>	-66.96	0.01	-0.82	0.00	<b>1.01</b>	0.00	CO 17
			min M <sub>y</sub>	-7.97	0.16	0.81	0.00	<b>-0.22</b>	0.08	CO 8
			max M <sub>z</sub>	-54.35	0.17	0.16	0.00	0.50	<b>0.08</b>	CO 12
			min M <sub>z</sub>	-3.97	-0.02	-0.08	0.00	0.09	<b>-0.01</b>	CO 9
	1497	1.129	max N	<b>-4.11</b>	-0.02	-0.25	0.00	-0.10	0.01	CO 9
			min N	<b>-67.10</b>	0.01	-1.06	0.00	-0.06	0.00	CO 17
			max V <sub>y</sub>	-25.95	<b>0.17</b>	0.36	0.00	0.58	-0.11	CO 10
			min V <sub>y</sub>	-4.11	<b>-0.02</b>	-0.25	0.00	-0.10	0.01	CO 9
			max V <sub>z</sub>	-8.11	0.16	<b>0.63</b>	0.00	0.60	-0.11	CO 8
			min V <sub>z</sub>	-64.40	0.00	<b>-1.10</b>	0.00	-0.12	0.00	CO 19
			max M <sub>T</sub>	-8.11	0.16	0.63	<b>0.00</b>	0.60	-0.11	CO 8
			min M <sub>T</sub>	-67.10	0.01	-1.06	<b>0.00</b>	-0.06	0.00	CO 17
			max M <sub>y</sub>	-8.11	0.16	0.63	0.00	<b>0.60</b>	-0.11	CO 8
			min M <sub>y</sub>	-50.40	-0.01	-0.94	0.00	<b>-0.15</b>	0.00	CO 13
			max M <sub>z</sub>	-4.11	-0.02	-0.25	0.00	-0.10	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-54.48	0.17	-0.08	0.00	0.55	<b>-0.11</b>	CO 12
	1922	0.000	Max N	<b>-3.97</b>	-0.02	-0.08	0.00	0.09	-0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1497	1.129	Min N	<b>-67.10</b>	0.01	-1.06	0.00	-0.06	0.00	CO 17
		0.452	Max V <sub>y</sub>	-54.40	<b>0.17</b>	0.06	0.00	0.55	0.00	CO 12
	1922	0.000	Min V <sub>y</sub>	-3.97	<b>-0.02</b>	-0.08	0.00	0.09	-0.01	CO 9
	1922	0.000	Max V <sub>z</sub>	-7.97	0.16	<b>0.81</b>	0.00	-0.22	0.08	CO 8
	1497	1.129	Min V <sub>z</sub>	-64.40	0.00	<b>-1.10</b>	0.00	-0.12	0.00	CO 19
	1497	1.129	Max M <sub>T</sub>	-8.11	0.16	0.63	<b>0.00</b>	0.60	-0.11	CO 8
	1922	0.000	Min M <sub>T</sub>	-66.96	0.01	-0.82	<b>0.00</b>	1.01	0.00	CO 17
	1922	0.000	Max M <sub>y</sub>	-66.96	0.01	-0.82	0.00	<b>1.01</b>	0.00	CO 17
	1922	0.000	Min M <sub>y</sub>	-7.97	0.16	0.81	0.00	<b>-0.22</b>	0.08	CO 8
	1922	0.000	Max M <sub>z</sub>	-54.35	0.17	0.16	0.00	0.50	<b>0.08</b>	CO 12
	1497	1.129	Min M <sub>z</sub>	-54.48	0.17	-0.08	0.00	0.55	<b>-0.11</b>	CO 12
2244	1497	0.000	max N	<b>65.90</b>	0.01	-2.17	0.01	0.62	-0.01	CO 17
			min N	<b>1.13</b>	0.19	-4.26	0.15	1.19	-0.04	CO 8
			max V <sub>y</sub>	46.27	<b>0.19</b>	-5.85	0.15	1.64	-0.05	CO 12
			min V <sub>y</sub>	5.31	<b>-0.02</b>	0.36	-0.01	-0.17	0.01	CO 9
			max V <sub>z</sub>	5.31	-0.02	<b>0.36</b>	-0.01	-0.17	0.01	CO 9
			min V <sub>z</sub>	46.27	0.19	<b>-5.85</b>	0.15	1.64	-0.05	CO 12
			max M <sub>T</sub>	46.27	0.19	-5.85	<b>0.15</b>	1.64	-0.05	CO 12
			min M <sub>T</sub>	5.31	-0.02	0.36	<b>-0.01</b>	-0.17	0.01	CO 9
			max M <sub>y</sub>	46.27	0.19	-5.85	0.15	<b>1.64</b>	-0.05	CO 12
			min M <sub>y</sub>	5.31	-0.02	0.36	-0.01	<b>-0.17</b>	0.01	CO 9
			max M <sub>z</sub>	5.31	-0.02	0.36	-0.01	-0.17	<b>0.01</b>	CO 9
			min M <sub>z</sub>	46.27	0.19	-5.85	0.15	1.64	<b>-0.05</b>	CO 12
	1916	1.129	max N	<b>66.02</b>	0.01	-2.43	0.01	-1.94	-0.01	CO 17
			min N	<b>1.25</b>	0.19	-4.45	0.14	-3.73	-0.25	CO 8
			max V <sub>y</sub>	46.38	<b>0.20</b>	-6.19	0.15	-5.09	-0.27	CO 12
			min V <sub>y</sub>	5.44	<b>-0.02</b>	0.18	-0.02	0.14	0.03	CO 9
			max V <sub>z</sub>	5.44	-0.02	<b>0.18</b>	-0.02	0.14	0.03	CO 9
			min V <sub>z</sub>	46.38	0.20	<b>-6.19</b>	0.15	-5.09	-0.27	CO 12
			max M <sub>T</sub>	46.38	0.20	-6.19	<b>0.15</b>	-5.09	-0.27	CO 12
			min M <sub>T</sub>	5.44	-0.02	0.18	<b>-0.02</b>	0.14	0.03	CO 9
			max M <sub>y</sub>	5.44	-0.02	0.18	-0.02	<b>0.14</b>	0.03	CO 9
			min M <sub>y</sub>	46.38	0.20	-6.19	0.15	<b>-5.09</b>	-0.27	CO 12
			max M <sub>z</sub>	5.44	-0.02	0.18	-0.02	0.14	<b>0.03</b>	CO 9
			min M <sub>z</sub>	46.38	0.20	-6.19	0.15	-5.09	<b>-0.27</b>	CO 12
	1916	1.129	Max N	<b>66.02</b>	0.01	-2.43	0.01	-1.94	-0.01	CO 17
	1497	0.000	Min N	<b>1.13</b>	0.19	-4.26	0.15	1.19	-0.04	CO 8
	1916	1.129	Max V <sub>y</sub>	46.38	<b>0.20</b>	-6.19	0.15	-5.09	-0.27	CO 12
	1916	1.129	Min V <sub>y</sub>	5.44	<b>-0.02</b>	0.18	-0.02	0.14	0.03	CO 9
	1497	0.000	Max V <sub>z</sub>	5.31	-0.02	<b>0.36</b>	-0.01	-0.17	0.01	CO 9
	1916	1.129	Min V <sub>z</sub>	46.38	0.20	<b>-6.19</b>	0.15	-5.09	-0.27	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1497	0.000	Max M <sub>T</sub>	46.27	0.19	-5.85	<b>0.15</b>	1.64	-0.05	CO 12
	1916	1.129	Min M <sub>T</sub>	5.44	-0.02	0.18	<b>-0.02</b>	0.14	0.03	CO 9
	1497	0.000	Max M <sub>y</sub>	46.27	0.19	-5.85	0.15	<b>1.64</b>	-0.05	CO 12
	1916	1.129	Min M <sub>y</sub>	46.38	0.20	-6.19	0.15	<b>-5.09</b>	-0.27	CO 12
	1916	1.129	Max M <sub>z</sub>	5.44	-0.02	0.18	-0.02	0.14	<b>0.03</b>	CO 9
	1916	1.129	Min M <sub>z</sub>	46.38	0.20	-6.19	0.15	-5.09	<b>-0.27</b>	CO 12
2245	1925	0.000	max N	<b>81.09</b>	0.00	0.29	-0.01	-0.06	0.00	CO 19
			min N	<b>-1.04</b>	-0.02	-2.26	-0.01	2.05	-0.01	CO 8
			max V <sub>y</sub>	59.25	<b>0.00</b>	1.39	0.00	-0.99	0.00	CO 16
			min V <sub>y</sub>	51.92	<b>-0.02</b>	-1.45	-0.01	1.43	-0.01	CO 12
			max V <sub>z</sub>	79.77	0.00	<b>1.46</b>	0.00	-1.00	0.00	CO 17
			min V <sub>z</sub>	-1.04	-0.02	<b>-2.26</b>	-0.01	2.05	-0.01	CO 8
			max M <sub>T</sub>	79.77	0.00	1.46	<b>0.00</b>	-1.00	0.00	CO 17
			min M <sub>T</sub>	15.22	0.00	-1.74	<b>-0.01</b>	1.50	0.00	CO 9
			max M <sub>y</sub>	19.50	-0.02	-2.25	-0.01	<b>2.06</b>	-0.01	CO 10
			min M <sub>y</sub>	79.77	0.00	1.46	0.00	<b>-1.00</b>	0.00	CO 17
			max M <sub>z</sub>	59.25	0.00	1.39	0.00	-0.99	<b>0.00</b>	CO 16
			min M <sub>z</sub>	51.92	-0.02	-1.45	-0.01	1.43	<b>-0.01</b>	CO 12
	1589	1.129	max N	<b>80.96</b>	0.00	0.13	-0.01	0.17	0.00	CO 19
			min N	<b>-1.17</b>	-0.02	-2.44	-0.01	-0.61	0.02	CO 8
			max V <sub>y</sub>	59.11	<b>0.00</b>	1.19	0.00	0.46	0.00	CO 16
			min V <sub>y</sub>	51.78	<b>-0.02</b>	-1.57	-0.01	-0.26	0.02	CO 12
			max V <sub>z</sub>	79.64	0.00	<b>1.25</b>	0.00	0.51	0.00	CO 17
			min V <sub>z</sub>	-1.17	-0.02	<b>-2.44</b>	-0.01	-0.61	0.02	CO 8
			max M <sub>T</sub>	79.64	0.00	1.25	<b>0.00</b>	0.51	0.00	CO 17
			min M <sub>T</sub>	15.09	0.00	-1.90	<b>-0.01</b>	-0.55	0.00	CO 9
			max M <sub>y</sub>	79.64	0.00	1.25	0.00	<b>0.51</b>	0.00	CO 17
			min M <sub>y</sub>	-1.17	-0.02	-2.44	-0.01	<b>-0.61</b>	0.02	CO 8
			max M <sub>z</sub>	19.36	-0.02	-2.39	-0.01	-0.56	<b>0.02</b>	CO 10
			min M <sub>z</sub>	59.11	0.00	1.19	0.00	0.46	<b>0.00</b>	CO 16
	1925	0.000	Max N	<b>81.09</b>	0.00	0.29	-0.01	-0.06	0.00	CO 19
	1589	1.129	Min N	<b>-1.17</b>	-0.02	-2.44	-0.01	-0.61	0.02	CO 8
	1589	1.129	Max V <sub>y</sub>	59.11	<b>0.00</b>	1.19	0.00	0.46	0.00	CO 16
	1589	1.129	Min V <sub>y</sub>	51.78	<b>-0.02</b>	-1.57	-0.01	-0.26	0.02	CO 12
	1925	0.000	Max V <sub>z</sub>	79.77	0.00	<b>1.46</b>	0.00	-1.00	0.00	CO 17
	1589	1.129	Min V <sub>z</sub>	-1.17	-0.02	<b>-2.44</b>	-0.01	-0.61	0.02	CO 8
	1925	0.000	Max M <sub>T</sub>	79.77	0.00	1.46	<b>0.00</b>	-1.00	0.00	CO 17
	1589	1.129	Min M <sub>T</sub>	15.09	0.00	-1.90	<b>-0.01</b>	-0.55	0.00	CO 9
	1925	0.000	Max M <sub>y</sub>	19.50	-0.02	-2.25	-0.01	<b>2.06</b>	-0.01	CO 10
	1925	0.000	Min M <sub>y</sub>	79.77	0.00	1.46	0.00	<b>-1.00</b>	0.00	CO 17
	1589	1.129	Max M <sub>z</sub>	19.36	-0.02	-2.39	-0.01	-0.56	<b>0.02</b>	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1925	0.000	Min M <sub>z</sub>	51.92	-0.02	-1.45	-0.01	1.43	<b>-0.01</b>	CO 12
2246	588	0.000	max N	<b>0.59</b>	-0.14	1.14	0.00	-0.05	0.57	CO 9
			min N	<b>-130.19</b>	-0.14	-0.21	0.00	0.00	0.11	CO 17
			max V <sub>y</sub>	-101.35	<b>4.31</b>	-1.46	-0.03	-0.16	-1.42	CO 12
			min V <sub>y</sub>	-83.48	<b>-0.17</b>	1.01	0.00	-0.06	0.38	CO 13
			max V <sub>z</sub>	0.59	-0.14	<b>1.14</b>	0.00	-0.05	0.57	CO 9
			min V <sub>z</sub>	-101.35	4.31	<b>-1.46</b>	-0.03	-0.16	-1.42	CO 12
			max M <sub>T</sub>	-130.19	-0.14	-0.21	<b>0.00</b>	0.00	0.11	CO 17
			min M <sub>T</sub>	-17.28	4.28	-1.29	<b>-0.03</b>	-0.17	-1.18	CO 8
			max M <sub>y</sub>	-97.64	-0.11	-0.15	0.00	<b>0.00</b>	0.08	CO 16
			min M <sub>y</sub>	-17.28	4.28	-1.29	-0.03	<b>-0.17</b>	-1.18	CO 8
			max M <sub>z</sub>	-31.95	-0.16	1.08	0.00	-0.06	<b>0.60</b>	CO 11
			min M <sub>z</sub>	-68.81	4.31	-1.38	-0.03	-0.16	<b>-1.43</b>	CO 14
		0.150	max N	<b>0.75</b>	-0.14	1.14	0.00	0.12	0.59	CO 9
			min N	<b>-130.04</b>	-0.14	-0.21	0.00	-0.03	0.13	CO 17
			max V <sub>y</sub>	-101.20	<b>4.31</b>	-1.45	-0.03	-0.38	-2.07	CO 12
			min V <sub>y</sub>	-83.33	<b>-0.17</b>	1.01	0.00	0.09	0.41	CO 13
			max V <sub>z</sub>	0.75	-0.14	<b>1.14</b>	0.00	0.12	0.59	CO 9
			min V <sub>z</sub>	-101.20	4.31	<b>-1.45</b>	-0.03	-0.38	-2.07	CO 12
			max M <sub>T</sub>	-130.04	-0.14	-0.21	<b>0.00</b>	-0.03	0.13	CO 17
			min M <sub>T</sub>	-17.13	4.28	-1.29	<b>-0.03</b>	-0.36	-1.82	CO 8
			max M <sub>y</sub>	0.75	-0.14	1.14	0.00	<b>0.12</b>	0.59	CO 9
			min M <sub>y</sub>	-101.20	4.31	-1.45	-0.03	<b>-0.38</b>	-2.07	CO 12
			max M <sub>z</sub>	-31.80	-0.16	1.08	0.00	0.10	<b>0.62</b>	CO 11
			min M <sub>z</sub>	-68.65	4.31	-1.38	-0.03	-0.37	<b>-2.07</b>	CO 14
			max N	<b>6.11</b>	-1.29	0.02	0.00	0.04	0.60	CO 9
			min N	<b>-124.17</b>	-18.95	0.00	0.00	-0.01	0.13	CO 17
			max V <sub>y</sub>	-12.02	<b>19.90</b>	0.17	-0.03	-0.25	-1.54	CO 8
			min V <sub>y</sub>	-124.17	<b>-18.95</b>	0.00	0.00	-0.01	0.13	CO 17
			max V <sub>z</sub>	-12.02	19.90	<b>0.17</b>	-0.03	-0.25	-1.54	CO 8
			min V <sub>z</sub>	-91.75	-14.61	<b>0.00</b>	0.00	-0.01	0.10	CO 16
			max M <sub>T</sub>	-124.17	-18.95	0.00	<b>0.00</b>	-0.01	0.13	CO 17
			min M <sub>T</sub>	-12.02	19.90	0.17	<b>-0.03</b>	-0.25	-1.54	CO 8
			max M <sub>y</sub>	6.11	-1.29	0.02	0.00	<b>0.04</b>	0.60	CO 9
			min M <sub>y</sub>	-95.76	7.13	0.15	-0.03	<b>-0.25</b>	-1.79	CO 12
			max M <sub>z</sub>	-26.32	-5.64	0.04	0.00	0.03	<b>0.63</b>	CO 11
			min M <sub>z</sub>	-63.33	11.43	0.15	-0.03	-0.25	<b>-1.79</b>	CO 14
	1501	0.300	max N	<b>6.26</b>	-1.29	0.02	0.00	0.04	0.80	CO 9
			min N	<b>-124.02</b>	-18.95	0.00	0.00	-0.01	2.97	CO 17
			max V <sub>y</sub>	-11.87	<b>19.89</b>	0.17	-0.03	-0.22	-4.52	CO 8
			min V <sub>y</sub>	-124.02	<b>-18.95</b>	0.00	0.00	-0.01	2.97	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-11.87	19.89	<b>0.17</b>	-0.03	-0.22	-4.52	CO 8
			min V <sub>z</sub>	-91.59	-14.61	<b>0.00</b>	0.00	-0.01	2.29	CO 16
			max M <sub>T</sub>	-124.02	-18.95	0.00	<b>0.00</b>	-0.01	2.97	CO 17
			min M <sub>T</sub>	-11.87	19.89	0.17	<b>-0.03</b>	-0.22	-4.52	CO 8
			max M <sub>y</sub>	6.26	-1.29	0.02	0.00	<b>0.04</b>	0.80	CO 9
			min M <sub>y</sub>	-95.60	7.13	0.15	-0.03	<b>-0.23</b>	-2.85	CO 12
			max M <sub>z</sub>	-109.27	-18.28	0.04	0.00	0.01	<b>2.99</b>	CO 19
			min M <sub>z</sub>	-11.87	19.89	0.17	-0.03	-0.22	<b>-4.52</b>	CO 8
	1501	0.300	Max N	<b>6.26</b>	-1.29	0.02	0.00	0.04	0.80	CO 9
	588	0.000	Min N	<b>-130.19</b>	-0.14	-0.21	0.00	0.00	0.11	CO 17
		0.150	Max V <sub>y</sub>	-12.02	<b>19.90</b>	0.17	-0.03	-0.25	-1.54	CO 8
		0.150	Min V <sub>y</sub>	-124.17	<b>-18.95</b>	0.00	0.00	-0.01	0.13	CO 17
	588	0.000	Max V <sub>z</sub>	0.59	-0.14	<b>1.14</b>	0.00	-0.05	0.57	CO 9
	588	0.000	Min V <sub>z</sub>	-101.35	4.31	<b>-1.46</b>	-0.03	-0.16	-1.42	CO 12
	588	0.000	Max M <sub>T</sub>	-130.19	-0.14	-0.21	<b>0.00</b>	0.00	0.11	CO 17
		0.150	Min M <sub>T</sub>	-12.02	19.90	0.17	<b>-0.03</b>	-0.25	-1.54	CO 8
		0.150	Max M <sub>y</sub>	0.75	-0.14	1.14	0.00	<b>0.12</b>	0.59	CO 9
		0.150	Min M <sub>y</sub>	-101.20	4.31	-1.45	-0.03	<b>-0.38</b>	-2.07	CO 12
	1501	0.300	Max M <sub>z</sub>	-109.27	-18.28	0.04	0.00	0.01	<b>2.99</b>	CO 19
	1501	0.300	Min M <sub>z</sub>	-11.87	19.89	0.17	-0.03	-0.22	<b>-4.52</b>	CO 8
2247	589	0.000	max N	<b>-5.48</b>	-14.85	0.82	-0.02	-0.19	-3.32	CO 9
			min N	<b>-80.78</b>	-0.68	-0.05	0.00	0.01	-12.82	CO 17
			max V <sub>y</sub>	-60.90	<b>0.50</b>	-0.03	0.00	0.01	-9.41	CO 16
			min V <sub>y</sub>	-25.36	<b>-16.02</b>	0.80	-0.02	-0.19	-6.72	CO 11
			max V <sub>z</sub>	-5.48	-14.85	<b>0.82</b>	-0.02	-0.19	-3.32	CO 9
			min V <sub>z</sub>	-64.90	-6.48	<b>-0.27</b>	0.05	0.11	-9.61	CO 12
			max M <sub>T</sub>	-64.90	-6.48	-0.27	<b>0.05</b>	0.11	-9.61	CO 12
			min M <sub>T</sub>	-55.13	-15.30	0.78	<b>-0.02</b>	-0.19	-11.64	CO 13
			max M <sub>y</sub>	-64.90	-6.48	-0.27	0.05	<b>0.11</b>	-9.61	CO 12
			min M <sub>y</sub>	-25.36	-16.02	0.80	-0.02	<b>-0.19</b>	-6.72	CO 11
			max M <sub>z</sub>	-15.24	-6.09	-0.23	0.05	0.10	<b>-1.27</b>	CO 8
			min M <sub>z</sub>	-73.04	-9.26	0.45	-0.01	-0.11	<b>-13.37</b>	CO 19
		0.150	max N	<b>-5.33</b>	-15.62	0.82	-0.02	-0.07	-1.04	CO 9
			min N	<b>-80.63</b>	-0.69	-0.05	0.00	0.00	-12.71	CO 17
			max V <sub>y</sub>	-60.75	<b>0.50</b>	-0.03	0.00	0.00	-9.48	CO 16
			min V <sub>y</sub>	-25.21	<b>-16.80</b>	0.80	-0.02	-0.07	-4.26	CO 11
			max V <sub>z</sub>	-5.33	-15.62	<b>0.82</b>	-0.02	-0.07	-1.04	CO 9
			min V <sub>z</sub>	-64.75	-6.97	<b>-0.27</b>	0.05	0.07	-8.61	CO 12
			max M <sub>T</sub>	-64.75	-6.97	-0.27	<b>0.05</b>	0.07	-8.61	CO 12
			min M <sub>T</sub>	-54.97	-16.08	0.78	<b>-0.02</b>	-0.07	-9.28	CO 13
			max M <sub>y</sub>	-44.86	-5.80	-0.25	0.05	<b>0.07</b>	-5.37	CO 14

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-25.21	-16.80	0.80	-0.02	<b>-0.07</b>	-4.26	CO 11
			max M <sub>z</sub>	-15.09	-6.57	-0.23	0.05	0.06	<b>-0.32</b>	CO 8
			min M <sub>z</sub>	-80.63	-0.69	-0.05	0.00	0.00	<b>-12.71</b>	CO 17
			max N	<b>-3.09</b>	-15.62	0.22	-0.02	-0.07	-1.06	CO 9
			min N	<b>-78.39</b>	-0.69	0.11	0.00	0.00	-12.82	CO 17
			max V <sub>y</sub>	-58.51	<b>0.50</b>	0.07	0.00	0.00	-9.55	CO 16
			min V <sub>y</sub>	-22.97	<b>-16.79</b>	0.26	-0.02	-0.07	-4.32	CO 11
			max V <sub>z</sub>	-52.73	-16.07	<b>0.29</b>	-0.02	-0.07	-9.37	CO 13
			min V <sub>z</sub>	-15.98	-0.56	<b>0.03</b>	0.00	0.00	-2.32	CO 1
			max M <sub>T</sub>	-62.51	-6.97	0.12	<b>0.05</b>	0.07	-8.69	CO 12
			min M <sub>T</sub>	-52.73	-16.07	0.29	<b>-0.02</b>	-0.07	-9.37	CO 13
			max M <sub>y</sub>	-42.62	-5.80	0.08	0.05	<b>0.07</b>	-5.42	CO 14
			min M <sub>y</sub>	-22.97	-16.79	0.26	-0.02	<b>-0.07</b>	-4.32	CO 11
			max M <sub>z</sub>	-12.85	-6.57	0.05	0.05	0.06	<b>-0.34</b>	CO 8
			min M <sub>z</sub>	-78.39	-0.69	0.11	0.00	0.00	<b>-12.82</b>	CO 17
	1928	0.300	max N	<b>-2.94</b>	-16.39	0.21	-0.02	-0.04	1.34	CO 9
			min N	<b>-78.23</b>	-0.70	0.11	0.00	0.01	-12.72	CO 17
			max V <sub>y</sub>	-58.35	<b>0.49</b>	0.07	0.00	0.01	-9.63	CO 16
			min V <sub>y</sub>	-22.81	<b>-17.57</b>	0.26	-0.02	-0.03	-1.74	CO 11
			max V <sub>z</sub>	-52.57	-16.85	<b>0.29</b>	-0.02	-0.03	-6.90	CO 13
			min V <sub>z</sub>	-15.83	-0.56	<b>0.03</b>	0.00	0.00	-2.24	CO 1
			max M <sub>T</sub>	-62.35	-7.46	0.12	<b>0.05</b>	0.08	-7.61	CO 12
			min M <sub>T</sub>	-52.57	-16.85	0.29	<b>-0.02</b>	-0.03	-6.90	CO 13
			max M <sub>y</sub>	-62.35	-7.46	0.12	0.05	<b>0.08</b>	-7.61	CO 12
			min M <sub>y</sub>	-2.94	-16.39	0.21	-0.02	<b>-0.04</b>	1.34	CO 9
			max M <sub>z</sub>	-2.94	-16.39	0.21	-0.02	-0.04	<b>1.34</b>	CO 9
			min M <sub>z</sub>	-78.23	-0.70	0.11	0.00	0.01	<b>-12.72</b>	CO 17
	1928	0.300	Max N	<b>-2.94</b>	-16.39	0.21	-0.02	-0.04	1.34	CO 9
	589	0.000	Min N	<b>-80.78</b>	-0.68	-0.05	0.00	0.01	-12.82	CO 17
	589	0.000	Max V <sub>y</sub>	-60.90	<b>0.50</b>	-0.03	0.00	0.01	-9.41	CO 16
	1928	0.300	Min V <sub>y</sub>	-22.81	<b>-17.57</b>	0.26	-0.02	-0.03	-1.74	CO 11
	589	0.000	Max V <sub>z</sub>	-5.48	-14.85	<b>0.82</b>	-0.02	-0.19	-3.32	CO 9
	589	0.000	Min V <sub>z</sub>	-64.90	-6.48	<b>-0.27</b>	0.05	0.11	-9.61	CO 12
	589	0.000	Max M <sub>T</sub>	-64.90	-6.48	-0.27	<b>0.05</b>	0.11	-9.61	CO 12
	589	0.000	Min M <sub>T</sub>	-55.13	-15.30	0.78	<b>-0.02</b>	-0.19	-11.64	CO 13
	589	0.000	Max M <sub>y</sub>	-64.90	-6.48	-0.27	0.05	<b>0.11</b>	-9.61	CO 12
	589	0.000	Min M <sub>y</sub>	-25.36	-16.02	0.80	-0.02	<b>-0.19</b>	-6.72	CO 11
	1928	0.300	Max M <sub>z</sub>	-2.94	-16.39	0.21	-0.02	-0.04	<b>1.34</b>	CO 9
	589	0.000	Min M <sub>z</sub>	-73.04	-9.26	0.45	-0.01	-0.11	<b>-13.37</b>	CO 19
2248	1589	0.000	max N	<b>5.42</b>	-0.05	0.14	0.00	-0.20	-0.03	CO 8
			min N	<b>-79.44</b>	0.01	0.82	0.00	-0.02	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-79.44	<b>0.01</b>	0.82	0.00	-0.02	0.00	CO 17
			min V <sub>y</sub>	5.42	<b>-0.05</b>	0.14	0.00	-0.20	-0.03	CO 8
			max V <sub>z</sub>	-64.12	-0.01	<b>1.05</b>	0.00	-0.32	-0.01	CO 13
			min V <sub>z</sub>	-12.20	0.00	<b>0.11</b>	0.00	0.01	0.00	CO 1
			max M <sub>T</sub>	-11.07	-0.01	0.48	<b>0.00</b>	-0.28	-0.01	CO 9
			min M <sub>T</sub>	-47.62	-0.05	0.70	<b>0.00</b>	-0.24	-0.02	CO 12
			max M <sub>y</sub>	-59.35	0.00	0.54	0.00	<b>0.04</b>	0.00	CO 16
			min M <sub>y</sub>	-31.11	-0.01	0.75	0.00	<b>-0.34</b>	-0.01	CO 11
			max M <sub>z</sub>	-79.44	0.01	0.82	0.00	-0.02	<b>0.00</b>	CO 17
			min M <sub>z</sub>	5.42	-0.05	0.14	0.00	-0.20	<b>-0.03</b>	CO 8
	1927	1.129	max N	<b>5.55</b>	-0.05	-0.04	0.00	-0.15	0.03	CO 8
			min N	<b>-79.32</b>	0.01	0.58	0.00	0.78	0.00	CO 17
			max V <sub>y</sub>	-79.32	<b>0.01</b>	0.58	0.00	0.78	0.00	CO 17
			min V <sub>y</sub>	5.55	<b>-0.05</b>	-0.04	0.00	-0.15	0.03	CO 8
			max V <sub>z</sub>	-63.99	-0.01	<b>0.83</b>	0.00	0.76	0.00	CO 13
			min V <sub>z</sub>	-12.07	0.00	<b>-0.07</b>	0.00	0.03	0.00	CO 1
			max M <sub>T</sub>	-10.95	-0.01	0.30	<b>0.00</b>	0.16	0.00	CO 9
			min M <sub>T</sub>	-47.49	-0.05	0.51	<b>0.00</b>	0.45	0.03	CO 12
			max M <sub>y</sub>	-78.62	0.00	0.80	0.00	<b>0.85</b>	0.00	CO 19
			min M <sub>y</sub>	5.55	-0.05	-0.04	0.00	<b>-0.15</b>	0.03	CO 8
			max M <sub>z</sub>	-14.49	-0.05	0.23	0.00	0.10	<b>0.03</b>	CO 10
			min M <sub>z</sub>	-79.32	0.01	0.58	0.00	0.78	<b>0.00</b>	CO 17
	1927	1.129	Max N	<b>5.55</b>	-0.05	-0.04	0.00	-0.15	0.03	CO 8
	1589	0.000	Min N	<b>-79.44</b>	0.01	0.82	0.00	-0.02	0.00	CO 17
		0.677	Max V <sub>y</sub>	-79.37	<b>0.01</b>	0.69	0.00	0.49	0.00	CO 17
	1927	1.129	Min V <sub>y</sub>	5.55	<b>-0.05</b>	-0.04	0.00	-0.15	0.03	CO 8
	1589	0.000	Max V <sub>z</sub>	-64.12	-0.01	<b>1.05</b>	0.00	-0.32	-0.01	CO 13
	1927	1.129	Min V <sub>z</sub>	-12.07	0.00	<b>-0.07</b>	0.00	0.03	0.00	CO 1
	1589	0.000	Max M <sub>T</sub>	-11.07	-0.01	0.48	<b>0.00</b>	-0.28	-0.01	CO 9
	1927	1.129	Min M <sub>T</sub>	-47.49	-0.05	0.51	<b>0.00</b>	0.45	0.03	CO 12
	1927	1.129	Max M <sub>y</sub>	-78.62	0.00	0.80	0.00	<b>0.85</b>	0.00	CO 19
	1589	0.000	Min M <sub>y</sub>	-31.11	-0.01	0.75	0.00	<b>-0.34</b>	-0.01	CO 11
	1927	1.129	Max M <sub>z</sub>	-14.49	-0.05	0.23	0.00	0.10	<b>0.03</b>	CO 10
	1589	0.000	Min M <sub>z</sub>	5.42	-0.05	0.14	0.00	-0.20	<b>-0.03</b>	CO 8
2249	1927	0.000	max N	<b>0.61</b>	0.00	-0.08	0.00	0.16	0.00	CO 1
			min N	<b>-1.12</b>	0.05	-0.46	0.00	0.57	0.02	CO 12
			max V <sub>y</sub>	-0.55	<b>0.06</b>	-0.24	0.00	0.21	0.03	CO 8
			min V <sub>y</sub>	-0.11	<b>-0.01</b>	-0.36	0.00	0.62	0.00	CO 17
			max V <sub>z</sub>	0.61	0.00	<b>-0.08</b>	0.00	0.16	0.00	CO 1
			min V <sub>z</sub>	-1.12	0.05	<b>-0.46</b>	0.00	0.57	0.02	CO 12
			max M <sub>T</sub>	-0.11	-0.01	-0.36	<b>0.00</b>	0.62	0.00	CO 17



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	0.18	0.00	-0.23	<b>0.00</b>	0.23	0.01	CO 9
			max M <sub>y</sub>	-0.37	0.00	-0.45	0.00	<b>0.66</b>	0.00	CO 19
			min M <sub>y</sub>	0.61	0.00	-0.08	0.00	<b>0.16</b>	0.00	CO 1
			max M <sub>z</sub>	-0.55	0.06	-0.24	0.00	0.21	<b>0.03</b>	CO 8
			min M <sub>z</sub>	-0.11	-0.01	-0.36	0.00	0.62	<b>0.00</b>	CO 17
	1591	1.129	max N	<b>0.48</b>	0.00	-0.25	0.00	-0.03	0.00	CO 1
			min N	<b>-1.26</b>	0.05	-0.64	0.00	-0.05	-0.04	CO 12
			max V <sub>y</sub>	-0.68	<b>0.06</b>	-0.41	0.00	-0.16	-0.04	CO 8
			min V <sub>y</sub>	-0.24	<b>-0.01</b>	-0.53	0.00	0.12	0.01	CO 17
			max V <sub>z</sub>	0.48	0.00	<b>-0.25</b>	0.00	-0.03	0.00	CO 1
			min V <sub>z</sub>	-1.26	0.05	<b>-0.64</b>	0.00	-0.05	-0.04	CO 12
			max M <sub>T</sub>	-0.24	-0.01	-0.53	<b>0.00</b>	0.12	0.01	CO 17
			min M <sub>T</sub>	0.04	0.00	-0.40	<b>0.00</b>	-0.13	0.00	CO 9
			max M <sub>y</sub>	-0.24	-0.01	-0.53	0.00	<b>0.12</b>	0.01	CO 17
			min M <sub>y</sub>	-0.68	0.06	-0.41	0.00	<b>-0.16</b>	-0.04	CO 8
			max M <sub>z</sub>	-0.50	0.00	-0.62	0.00	0.05	<b>0.01</b>	CO 19
			min M <sub>z</sub>	-0.68	0.06	-0.41	0.00	-0.16	<b>-0.04</b>	CO 8
	1927	0.000	Max N	<b>0.61</b>	0.00	-0.08	0.00	0.16	0.00	CO 1
	1591	1.129	Min N	<b>-1.26</b>	0.05	-0.64	0.00	-0.05	-0.04	CO 12
		0.677	Max V <sub>y</sub>	-0.63	<b>0.06</b>	-0.34	0.00	0.01	-0.01	CO 8
	1591	1.129	Min V <sub>y</sub>	-0.24	<b>-0.01</b>	-0.53	0.00	0.12	0.01	CO 17
	1927	0.000	Max V <sub>z</sub>	0.61	0.00	<b>-0.08</b>	0.00	0.16	0.00	CO 1
	1591	1.129	Min V <sub>z</sub>	-1.26	0.05	<b>-0.64</b>	0.00	-0.05	-0.04	CO 12
		0.903	Max M <sub>T</sub>	-0.22	-0.01	-0.50	<b>0.00</b>	0.23	0.00	CO 17
	1591	1.129	Min M <sub>T</sub>	0.04	0.00	-0.40	<b>0.00</b>	-0.13	0.00	CO 9
	1927	0.000	Max M <sub>y</sub>	-0.37	0.00	-0.45	0.00	<b>0.66</b>	0.00	CO 19
	1591	1.129	Min M <sub>y</sub>	-0.68	0.06	-0.41	0.00	<b>-0.16</b>	-0.04	CO 8
	1927	0.000	Max M <sub>z</sub>	-0.55	0.06	-0.24	0.00	0.21	<b>0.03</b>	CO 8
	1591	1.129	Min M <sub>z</sub>	-0.68	0.06	-0.41	0.00	-0.16	<b>-0.04</b>	CO 8
2250	1591	0.000	max N	<b>2.73</b>	0.10	0.15	0.01	0.26	0.04	CO 12
			min N	<b>0.75</b>	0.00	0.23	0.00	-0.01	0.00	CO 1
			max V <sub>y</sub>	2.30	<b>0.11</b>	0.02	0.01	0.09	0.04	CO 8
			min V <sub>y</sub>	1.14	<b>-0.02</b>	0.40	0.00	0.21	0.00	CO 17
			max V <sub>z</sub>	1.36	-0.01	<b>0.44</b>	0.00	0.17	0.00	CO 19
			min V <sub>z</sub>	2.30	0.11	<b>0.02</b>	0.01	0.09	0.04	CO 8
			max M <sub>T</sub>	2.30	0.11	0.02	<b>0.01</b>	0.09	0.04	CO 8
			min M <sub>T</sub>	1.46	0.00	0.44	<b>0.00</b>	0.11	0.00	CO 13
			max M <sub>y</sub>	2.14	0.05	0.27	0.00	<b>0.27</b>	0.02	CO 18
			min M <sub>y</sub>	1.10	0.01	0.30	0.00	<b>-0.06</b>	0.00	CO 9
			max M <sub>z</sub>	2.73	0.10	0.15	0.01	0.26	<b>0.04</b>	CO 12
			min M <sub>z</sub>	1.46	0.00	0.44	0.00	0.11	<b>0.00</b>	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1926	1.129	max N	<b>2.86</b>	0.10	-0.03	0.01	0.33	-0.07	CO 12
			min N	<b>0.88</b>	0.00	0.05	0.00	0.14	0.00	CO 1
			max V <sub>y</sub>	2.43	<b>0.11</b>	-0.16	0.01	0.01	-0.08	CO 8
			min V <sub>y</sub>	1.27	<b>-0.02</b>	0.22	0.00	0.55	0.01	CO 17
			max V <sub>z</sub>	1.48	-0.01	<b>0.26</b>	0.00	0.57	0.01	CO 19
			min V <sub>z</sub>	2.43	0.11	<b>-0.16</b>	0.01	0.01	-0.08	CO 8
			max M <sub>T</sub>	2.43	0.11	-0.16	<b>0.01</b>	0.01	-0.08	CO 8
			min M <sub>T</sub>	1.58	0.00	0.26	<b>0.00</b>	0.50	0.00	CO 13
			max M <sub>y</sub>	1.48	-0.01	0.26	0.00	<b>0.57</b>	0.01	CO 19
			min M <sub>y</sub>	2.43	0.11	-0.16	0.01	<b>0.01</b>	-0.08	CO 8
			max M <sub>z</sub>	1.27	-0.02	0.22	0.00	0.55	<b>0.01</b>	CO 17
			min M <sub>z</sub>	2.43	0.11	-0.16	0.01	0.01	<b>-0.08</b>	CO 8
	1926	1.129	Max N	<b>2.86</b>	0.10	-0.03	0.01	0.33	-0.07	CO 12
	1591	0.000	Min N	<b>0.75</b>	0.00	0.23	0.00	-0.01	0.00	CO 1
	1926	1.129	Max V <sub>y</sub>	2.43	<b>0.11</b>	-0.16	0.01	0.01	-0.08	CO 8
	1926	1.129	Min V <sub>y</sub>	1.27	<b>-0.02</b>	0.22	0.00	0.55	0.01	CO 17
	1591	0.000	Max V <sub>z</sub>	1.36	-0.01	<b>0.44</b>	0.00	0.17	0.00	CO 19
	1926	1.129	Min V <sub>z</sub>	2.43	0.11	<b>-0.16</b>	0.01	0.01	-0.08	CO 8
	1926	1.129	Max M <sub>T</sub>	2.43	0.11	-0.16	<b>0.01</b>	0.01	-0.08	CO 8
	1926	1.129	Min M <sub>T</sub>	1.58	0.00	0.26	<b>0.00</b>	0.50	0.00	CO 13
	1926	1.129	Max M <sub>y</sub>	1.48	-0.01	0.26	0.00	<b>0.57</b>	0.01	CO 19
	1591	0.000	Min M <sub>y</sub>	1.10	0.01	0.30	0.00	<b>-0.06</b>	0.00	CO 9
	1591	0.000	Max M <sub>z</sub>	2.73	0.10	0.15	0.01	0.26	<b>0.04</b>	CO 12
	1926	1.129	Min M <sub>z</sub>	2.43	0.11	-0.16	0.01	0.01	<b>-0.08</b>	CO 8
2251	1926	0.000	max N	<b>-0.83</b>	-0.20	1.11	-0.02	-0.48	-0.12	CO 8
			min N	<b>-81.71</b>	0.00	-0.22	0.00	0.66	0.01	CO 19
			max V <sub>y</sub>	-81.62	<b>0.02</b>	-0.15	0.00	0.63	0.01	CO 17
			min V <sub>y</sub>	-0.83	<b>-0.20</b>	1.11	-0.02	-0.48	-0.12	CO 8
			max V <sub>z</sub>	-0.83	-0.20	<b>1.11</b>	-0.02	-0.48	-0.12	CO 8
			min V <sub>z</sub>	-81.71	0.00	<b>-0.22</b>	0.00	0.66	0.01	CO 19
			max M <sub>T</sub>	-81.62	0.02	-0.15	<b>0.00</b>	0.63	0.01	CO 17
			min M <sub>T</sub>	-0.83	-0.20	1.11	<b>-0.02</b>	-0.48	-0.12	CO 8
			max M <sub>y</sub>	-81.71	0.00	-0.22	0.00	<b>0.66</b>	0.01	CO 19
			min M <sub>y</sub>	-0.83	-0.20	1.11	-0.02	<b>-0.48</b>	-0.12	CO 8
			max M <sub>z</sub>	-81.62	0.02	-0.15	0.00	0.63	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-0.83	-0.20	1.11	-0.02	-0.48	<b>-0.12</b>	CO 8
	1590	1.129	max N	<b>-0.96</b>	-0.20	0.94	-0.02	0.68	0.10	CO 8
			min N	<b>-81.84</b>	0.01	-0.47	0.00	0.26	0.00	CO 19
			max V <sub>y</sub>	-81.75	<b>0.02</b>	-0.40	0.00	0.32	-0.01	CO 17
			min V <sub>y</sub>	-0.96	<b>-0.20</b>	0.94	-0.02	0.68	0.10	CO 8
			max V <sub>z</sub>	-0.96	-0.20	<b>0.94</b>	-0.02	0.68	0.10	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-81.84	0.01	<b>-0.47</b>	0.00	0.26	0.00	CO 19
			max M <sub>T</sub>	-81.75	0.02	-0.40	<b>0.00</b>	0.32	-0.01	CO 17
			min M <sub>T</sub>	-0.96	-0.20	0.94	<b>-0.02</b>	0.68	0.10	CO 8
			max M <sub>y</sub>	-55.61	-0.19	0.63	-0.02	<b>0.87</b>	0.10	CO 12
			min M <sub>y</sub>	-12.86	-0.02	-0.15	0.00	<b>-0.02</b>	0.02	CO 9
			max M <sub>z</sub>	-0.96	-0.20	0.94	-0.02	0.68	<b>0.10</b>	CO 8
			min M <sub>z</sub>	-81.75	0.02	-0.40	0.00	0.32	<b>-0.01</b>	CO 17
	1926	0.000	Max N	<b>-0.83</b>	-0.20	1.11	-0.02	-0.48	-0.12	CO 8
	1590	1.129	Min N	<b>-81.84</b>	0.01	-0.47	0.00	0.26	0.00	CO 19
		0.677	Max V <sub>y</sub>	-81.70	<b>0.02</b>	-0.31	0.00	0.48	0.00	CO 17
		0.677	Min V <sub>y</sub>	-0.91	<b>-0.20</b>	1.01	-0.02	0.24	0.01	CO 8
	1926	0.000	Max V <sub>z</sub>	-0.83	-0.20	<b>1.11</b>	-0.02	-0.48	-0.12	CO 8
	1590	1.129	Min V <sub>z</sub>	-81.84	0.01	<b>-0.47</b>	0.00	0.26	0.00	CO 19
	1590	1.129	Max M <sub>T</sub>	-81.75	0.02	-0.40	<b>0.00</b>	0.32	-0.01	CO 17
	1590	1.129	Min M <sub>T</sub>	-0.96	-0.20	0.94	<b>-0.02</b>	0.68	0.10	CO 8
	1590	1.129	Max M <sub>y</sub>	-55.61	-0.19	0.63	-0.02	<b>0.87</b>	0.10	CO 12
	1926	0.000	Min M <sub>y</sub>	-0.83	-0.20	1.11	-0.02	<b>-0.48</b>	-0.12	CO 8
	1590	1.129	Max M <sub>z</sub>	-0.96	-0.20	0.94	-0.02	0.68	<b>0.10</b>	CO 8
	1926	0.000	Min M <sub>z</sub>	-0.83	-0.20	1.11	-0.02	-0.48	<b>-0.12</b>	CO 8
2252	1932	0.000	max N	<b>10.94</b>	0.20	-0.08	0.02	0.00	0.00	CO 9
			min N	<b>-76.10</b>	0.10	19.34	-0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-38.18	<b>0.28</b>	12.74	0.02	0.00	0.00	CO 13
			min V <sub>y</sub>	-14.10	<b>0.03</b>	3.20	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-76.10	0.10	<b>19.34</b>	-0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	10.94	0.20	<b>-0.08</b>	0.02	0.00	0.00	CO 9
			max M <sub>T</sub>	10.94	0.20	-0.08	<b>0.02</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-42.71	0.15	15.02	<b>-0.07</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-33.09	0.07	8.47	0.00	<b>0.00</b>	0.00	CO 2
			min M <sub>y</sub>	-42.71	0.15	15.02	-0.07	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-42.71	0.15	15.02	-0.07	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-38.18	0.28	12.74	0.02	0.00	<b>0.00</b>	CO 13
		0.700	max N	<b>10.90</b>	0.20	1.47	0.02	0.49	-0.14	CO 9
			min N	<b>-75.78</b>	0.10	5.01	-0.01	8.55	-0.07	CO 17
			max V <sub>y</sub>	-37.98	<b>0.27</b>	4.30	0.02	5.97	-0.19	CO 13
			min V <sub>y</sub>	-14.06	<b>0.03</b>	1.58	0.00	1.68	-0.02	CO 1
			max V <sub>z</sub>	-75.78	0.10	<b>5.01</b>	-0.01	8.55	-0.07	CO 17
			min V <sub>z</sub>	10.90	0.20	<b>1.47</b>	0.02	0.49	-0.14	CO 9
			max M <sub>T</sub>	10.90	0.20	1.47	<b>0.02</b>	0.49	-0.14	CO 9
			min M <sub>T</sub>	-42.46	0.15	4.31	<b>-0.07</b>	6.78	-0.11	CO 12
			max M <sub>y</sub>	-75.78	0.10	5.01	-0.01	<b>8.55</b>	-0.07	CO 17
			min M <sub>y</sub>	10.90	0.20	1.47	0.02	<b>0.49</b>	-0.14	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-14.06	0.03	1.58	0.00	1.68	<b>-0.02</b>	CO 1
			min M <sub>z</sub>	-37.98	0.27	4.30	0.02	5.97	<b>-0.19</b>	CO 13
			max N	<b>10.97</b>	-0.14	-1.42	0.02	0.49	-0.14	CO 9
			min N	<b>-75.52</b>	0.04	-2.80	-0.01	8.76	-0.07	CO 17
			max V <sub>y</sub>	-56.70	<b>0.04</b>	-2.02	-0.01	6.35	-0.04	CO 16
			min V <sub>y</sub>	-7.85	<b>-0.14</b>	-2.19	0.02	2.86	-0.17	CO 11
			max V <sub>z</sub>	-13.97	0.02	<b>-1.19</b>	0.00	1.75	-0.02	CO 1
			min V <sub>z</sub>	-60.56	-0.06	<b>-2.93</b>	0.01	7.98	-0.15	CO 19
			max M <sub>T</sub>	10.97	-0.14	-1.42	<b>0.02</b>	0.49	-0.14	CO 9
			min M <sub>T</sub>	-42.25	-0.03	-2.66	<b>-0.07</b>	6.96	-0.11	CO 12
			max M <sub>y</sub>	-75.52	0.04	-2.80	-0.01	<b>8.76</b>	-0.07	CO 17
			min M <sub>y</sub>	10.97	-0.14	-1.42	0.02	<b>0.49</b>	-0.14	CO 9
			max M <sub>z</sub>	-13.97	0.02	-1.19	0.00	1.75	<b>-0.02</b>	CO 1
			min M <sub>z</sub>	-37.76	-0.13	-2.77	0.02	6.08	<b>-0.19</b>	CO 13
		1.600	max N	<b>10.92</b>	-0.14	0.58	0.02	0.11	-0.02	CO 9
			min N	<b>-75.01</b>	0.03	-21.20	-0.01	-2.08	-0.10	CO 17
			max V <sub>y</sub>	-56.33	<b>0.04</b>	-15.42	-0.01	-1.52	-0.08	CO 16
			min V <sub>y</sub>	-7.77	<b>-0.14</b>	-5.12	0.02	-0.43	-0.04	CO 11
			max V <sub>z</sub>	10.92	-0.14	<b>0.58</b>	0.02	0.11	-0.02	CO 9
			min V <sub>z</sub>	-75.01	0.03	<b>-21.20</b>	-0.01	-2.08	-0.10	CO 17
			max M <sub>T</sub>	10.92	-0.14	0.58	<b>0.02</b>	0.11	-0.02	CO 9
			min M <sub>T</sub>	-41.86	-0.03	-16.42	<b>-0.07</b>	-1.64	-0.08	CO 12
			max M <sub>y</sub>	10.92	-0.14	0.58	0.02	<b>0.11</b>	-0.02	CO 9
			min M <sub>y</sub>	-75.01	0.03	-21.20	-0.01	<b>-2.08</b>	-0.10	CO 17
			max M <sub>z</sub>	10.92	-0.14	0.58	0.02	0.11	<b>-0.02</b>	CO 9
			min M <sub>z</sub>	-75.01	0.03	-21.20	-0.01	-2.08	<b>-0.10</b>	CO 17
			max N	<b>11.01</b>	-0.21	-2.33	0.02	0.15	-0.02	CO 9
			min N	<b>-74.82</b>	-0.55	-30.11	-0.01	-0.86	-0.10	CO 17
			max V <sub>y</sub>	6.53	<b>-0.16</b>	-5.22	-0.06	0.00	-0.02	CO 8
			min V <sub>y</sub>	-59.91	<b>-0.55</b>	-27.68	0.01	-0.76	-0.10	CO 19
			max V <sub>z</sub>	11.01	-0.21	<b>-2.33</b>	0.02	0.15	-0.02	CO 9
			min V <sub>z</sub>	-74.82	-0.55	<b>-30.11</b>	-0.01	-0.86	-0.10	CO 17
			max M <sub>T</sub>	11.01	-0.21	-2.33	<b>0.02</b>	0.15	-0.02	CO 9
			min M <sub>T</sub>	-41.67	-0.45	-24.29	<b>-0.07</b>	-0.66	-0.08	CO 12
			max M <sub>y</sub>	11.01	-0.21	-2.33	0.02	<b>0.15</b>	-0.02	CO 9
			min M <sub>y</sub>	-62.54	-0.53	-29.43	-0.05	<b>-0.86</b>	-0.09	CO 18
			max M <sub>z</sub>	11.01	-0.21	-2.33	0.02	0.15	<b>-0.02</b>	CO 9
			min M <sub>z</sub>	-74.82	-0.55	-30.11	-0.01	-0.86	<b>-0.10</b>	CO 17
		1.817	max N	<b>10.99</b>	-0.21	-1.85	0.02	-0.31	0.03	CO 9
			min N	<b>-74.71</b>	-0.55	-34.47	-0.01	-7.88	0.02	CO 17
			max V <sub>y</sub>	6.53	<b>-0.16</b>	-5.44	-0.06	-1.16	0.01	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-59.82	<b>-0.55</b>	-31.46	0.01	-7.20	0.03	CO 19
			max V <sub>z</sub>	10.99	-0.21	<b>-1.85</b>	0.02	-0.31	0.03	CO 9
			min V <sub>z</sub>	-74.71	-0.55	<b>-34.47</b>	-0.01	-7.88	0.02	CO 17
			max M <sub>T</sub>	10.99	-0.21	-1.85	<b>0.02</b>	-0.31	0.03	CO 9
			min M <sub>T</sub>	-41.60	-0.45	-27.58	<b>-0.07</b>	-6.31	0.02	CO 12
			max M <sub>y</sub>	10.99	-0.21	-1.85	0.02	<b>-0.31</b>	0.03	CO 9
			min M <sub>y</sub>	-74.71	-0.55	-34.47	-0.01	<b>-7.88</b>	0.02	CO 17
			max M <sub>z</sub>	-37.21	-0.50	-23.97	0.02	-5.45	<b>0.03</b>	CO 13
			min M <sub>z</sub>	-13.82	-0.20	-6.80	0.00	-1.41	<b>0.01</b>	CO 1
			max N	<b>12.44</b>	-0.20	0.45	0.02	-0.08	0.00	CO 9
			min N	<b>-142.39</b>	-0.55	26.69	-0.01	-6.64	-0.04	CO 17
			max V <sub>y</sub>	-4.70	<b>-0.19</b>	3.48	-0.04	-0.95	-0.02	CO 8
			min V <sub>y</sub>	-142.39	<b>-0.55</b>	26.69	-0.01	-6.64	-0.04	CO 17
			max V <sub>z</sub>	-142.39	-0.55	<b>26.69</b>	-0.01	-6.64	-0.04	CO 17
			min V <sub>z</sub>	12.44	-0.20	<b>0.45</b>	0.02	-0.08	0.00	CO 9
			max M <sub>T</sub>	12.44	-0.20	0.45	<b>0.02</b>	-0.08	0.00	CO 9
			min M <sub>T</sub>	-97.22	-0.49	20.95	<b>-0.05</b>	-5.32	-0.04	CO 12
			max M <sub>y</sub>	12.44	-0.20	0.45	0.02	<b>-0.08</b>	0.00	CO 9
			min M <sub>y</sub>	-142.39	-0.55	26.69	-0.01	<b>-6.64</b>	-0.04	CO 17
			max M <sub>z</sub>	12.44	-0.20	0.45	0.02	-0.08	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-129.94	-0.55	26.03	-0.03	-6.54	<b>-0.04</b>	CO 18
		2.067	max N	<b>12.42</b>	-0.20	1.01	0.02	0.10	0.05	CO 9
			min N	<b>-142.24</b>	-0.55	21.71	-0.01	-0.58	0.10	CO 17
			max V <sub>y</sub>	-4.69	<b>-0.19</b>	3.23	-0.04	-0.12	0.03	CO 8
			min V <sub>y</sub>	-119.55	<b>-0.55</b>	19.89	0.00	-0.49	0.10	CO 19
			max V <sub>z</sub>	-142.24	-0.55	<b>21.71</b>	-0.01	-0.58	0.10	CO 17
			min V <sub>z</sub>	12.42	-0.20	<b>1.01</b>	0.02	0.10	0.05	CO 9
			max M <sub>T</sub>	12.42	-0.20	1.01	<b>0.02</b>	0.10	0.05	CO 9
			min M <sub>T</sub>	-97.10	-0.49	17.20	<b>-0.05</b>	-0.56	0.08	CO 12
			max M <sub>y</sub>	12.42	-0.20	1.01	0.02	<b>0.10</b>	0.05	CO 9
			min M <sub>y</sub>	-129.79	-0.55	21.25	-0.03	<b>-0.62</b>	0.10	CO 18
			max M <sub>z</sub>	-119.55	-0.55	19.89	0.00	-0.49	<b>0.10</b>	CO 19
			min M <sub>z</sub>	-4.69	-0.19	3.23	-0.04	-0.12	<b>0.03</b>	CO 8
			max N	<b>12.48</b>	0.09	-1.24	0.02	0.11	0.05	CO 9
			min N	<b>-142.02</b>	0.07	14.00	-0.01	-0.32	0.10	CO 17
			max V <sub>y</sub>	-79.84	<b>0.13</b>	8.42	0.02	-0.17	0.10	CO 13
			min V <sub>y</sub>	-4.63	<b>-0.05</b>	0.98	-0.04	-0.06	0.03	CO 8
			max V <sub>z</sub>	-142.02	0.07	<b>14.00</b>	-0.01	-0.32	0.10	CO 17
			min V <sub>z</sub>	12.48	0.09	<b>-1.24</b>	0.02	0.11	0.05	CO 9
			max M <sub>T</sub>	12.48	0.09	-1.24	<b>0.02</b>	0.11	0.05	CO 9
			min M <sub>T</sub>	-96.92	-0.02	10.66	<b>-0.05</b>	-0.34	0.08	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	12.48	0.09	-1.24	0.02	<b>0.11</b>	0.05	CO 9
			min M <sub>y</sub>	-129.57	0.02	13.54	-0.03	<b>-0.37</b>	0.10	CO 18
			max M <sub>z</sub>	-119.33	0.11	12.18	0.00	-0.26	<b>0.10</b>	CO 19
			min M <sub>z</sub>	-4.63	-0.05	0.98	-0.04	-0.06	<b>0.03</b>	CO 8
		3.385	max N	<b>12.40</b>	0.09	1.68	0.02	0.40	-0.06	CO 9
			min N	<b>-141.27</b>	0.08	-13.01	-0.01	0.34	-0.01	CO 17
			max V <sub>y</sub>	-79.40	<b>0.12</b>	-7.48	0.02	0.46	-0.07	CO 13
			min V <sub>y</sub>	-4.59	<b>-0.05</b>	-0.35	-0.04	0.36	0.10	CO 8
			max V <sub>z</sub>	12.40	0.09	<b>1.68</b>	0.02	0.40	-0.06	CO 9
			min V <sub>z</sub>	-141.27	0.08	<b>-13.01</b>	-0.01	0.34	-0.01	CO 17
			max M <sub>T</sub>	12.40	0.09	1.68	<b>0.02</b>	0.40	-0.06	CO 9
			min M <sub>T</sub>	-96.36	-0.01	-9.54	<b>-0.05</b>	0.41	0.10	CO 12
			max M <sub>y</sub>	-79.40	0.12	-7.48	0.02	<b>0.46</b>	-0.07	CO 13
			min M <sub>y</sub>	-25.21	0.03	-1.32	0.00	<b>0.30</b>	-0.01	CO 1
			max M <sub>z</sub>	-61.14	-0.03	-6.03	-0.05	0.39	<b>0.10</b>	CO 14
			min M <sub>z</sub>	-22.85	0.11	-1.78	0.02	0.43	<b>-0.07</b>	CO 11
			max N	<b>12.46</b>	-0.04	-0.56	0.02	0.39	-0.06	CO 9
			min N	<b>-141.07</b>	-0.01	-20.71	-0.01	0.07	-0.01	CO 17
			max V <sub>y</sub>	-105.87	<b>0.00</b>	-15.62	-0.01	0.12	0.00	CO 16
			min V <sub>y</sub>	-39.72	<b>-0.07</b>	-7.62	-0.04	0.24	0.09	CO 10
			max V <sub>z</sub>	12.46	-0.04	<b>-0.56</b>	0.02	0.39	-0.06	CO 9
			min V <sub>z</sub>	-141.07	-0.01	<b>-20.71</b>	-0.01	0.07	-0.01	CO 17
			max M <sub>T</sub>	12.46	-0.04	-0.56	<b>0.02</b>	0.39	-0.06	CO 9
			min M <sub>T</sub>	-96.19	-0.07	-16.07	<b>-0.05</b>	0.17	0.10	CO 12
			max M <sub>y</sub>	12.46	-0.04	-0.56	0.02	<b>0.39</b>	-0.06	CO 9
			min M <sub>y</sub>	-141.07	-0.01	-20.71	-0.01	<b>0.07</b>	-0.01	CO 17
			max M <sub>z</sub>	-61.01	-0.06	-11.00	-0.05	0.22	<b>0.10</b>	CO 14
			min M <sub>z</sub>	-22.74	-0.05	-5.58	0.02	0.35	<b>-0.07</b>	CO 11
		3.635	max N	<b>12.45</b>	-0.04	0.00	0.02	0.32	-0.05	CO 9
			min N	<b>-140.93</b>	-0.01	-25.70	-0.01	-5.74	0.00	CO 17
			max V <sub>y</sub>	-105.77	<b>0.00</b>	-19.28	-0.01	-4.24	0.00	CO 16
			min V <sub>y</sub>	-39.68	<b>-0.07</b>	-9.23	-0.04	-1.86	0.11	CO 10
			max V <sub>z</sub>	12.45	-0.04	<b>0.00</b>	0.02	0.32	-0.05	CO 9
			min V <sub>z</sub>	-140.93	-0.01	<b>-25.70</b>	-0.01	-5.74	0.00	CO 17
			max M <sub>T</sub>	12.45	-0.04	0.00	<b>0.02</b>	0.32	-0.05	CO 9
			min M <sub>T</sub>	-96.08	-0.07	-19.83	<b>-0.05</b>	-4.31	0.12	CO 12
			max M <sub>y</sub>	12.45	-0.04	0.00	0.02	<b>0.32</b>	-0.05	CO 9
			min M <sub>y</sub>	-140.93	-0.01	-25.70	-0.01	<b>-5.74</b>	0.00	CO 17
			max M <sub>z</sub>	-60.94	-0.06	-13.42	-0.05	-2.83	<b>0.12</b>	CO 14
			min M <sub>z</sub>	-22.72	-0.05	-6.39	0.02	-1.14	<b>-0.06</b>	CO 11
			max N	<b>15.46</b>	-0.03	-2.34	0.02	0.59	-0.05	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-63.45</b>	0.00	21.67	-0.01	-5.86	0.00	CO 17
			max V <sub>y</sub>	-23.04	<b>0.10</b>	10.44	-0.10	-2.87	0.18	CO 14
			min V <sub>y</sub>	0.17	<b>-0.03</b>	3.48	0.02	-0.97	-0.06	CO 11
			max V <sub>z</sub>	-63.45	0.00	<b>21.67</b>	-0.01	-5.86	0.00	CO 17
			min V <sub>z</sub>	15.46	-0.03	<b>-2.34</b>	0.02	0.59	-0.05	CO 9
			max M <sub>T</sub>	15.46	-0.03	-2.34	<b>0.02</b>	0.59	-0.05	CO 9
			min M <sub>T</sub>	-38.33	0.09	16.28	<b>-0.11</b>	-4.45	0.18	CO 12
			max M <sub>y</sub>	15.46	-0.03	-2.34	0.02	<b>0.59</b>	-0.05	CO 9
			min M <sub>y</sub>	-63.45	0.00	21.67	-0.01	<b>-5.86</b>	0.00	CO 17
			max M <sub>z</sub>	-23.04	0.10	10.44	-0.10	-2.87	<b>0.18</b>	CO 14
			min M <sub>z</sub>	0.17	-0.03	3.48	0.02	-0.97	<b>-0.06</b>	CO 11
	1933	5.452	max N	<b>15.35</b>	-0.03	1.69	0.02	0.00	0.00	CO 9
			min N	<b>-62.36</b>	0.00	-15.29	-0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-37.52	<b>0.11</b>	-11.42	-0.11	0.00	0.00	CO 12
			min V <sub>y</sub>	0.34	<b>-0.03</b>	-2.41	0.02	0.00	0.00	CO 11
			max V <sub>z</sub>	15.35	-0.03	<b>1.69</b>	0.02	0.00	0.00	CO 9
			min V <sub>z</sub>	-62.36	0.00	<b>-15.29</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	15.35	-0.03	1.69	<b>0.02</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-37.52	0.11	-11.42	<b>-0.11</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-46.89	-0.02	-13.19	0.00	<b>0.00</b>	0.00	CO 19
			min M <sub>y</sub>	-37.52	0.11	-11.42	-0.11	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-25.51	-0.03	-8.97	0.01	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-37.52	0.11	-11.42	-0.11	0.00	<b>0.00</b>	CO 12
		3.635	Max N	<b>15.46</b>	-0.03	-2.34	0.02	0.59	-0.05	CO 9
		1.817	Min N	<b>-142.39</b>	-0.55	26.69	-0.01	-6.64	-0.04	CO 17
	1932	0.000	Max V <sub>y</sub>	-38.18	<b>0.28</b>	12.74	0.02	0.00	0.00	CO 13
		1.817	Min V <sub>y</sub>	-59.82	<b>-0.55</b>	-31.46	0.01	-7.20	0.03	CO 19
		1.817	Max V <sub>z</sub>	-142.39	-0.55	<b>26.69</b>	-0.01	-6.64	-0.04	CO 17
		1.817	Min V <sub>z</sub>	-74.71	-0.55	<b>-34.47</b>	-0.01	-7.88	0.02	CO 17
		3.635	Max M <sub>T</sub>	15.46	-0.03	-2.34	<b>0.02</b>	0.59	-0.05	CO 9
		4.673	Min M <sub>T</sub>	-37.89	0.10	0.47	<b>-0.11</b>	4.27	0.08	CO 12
		0.700	Max M <sub>y</sub>	-75.52	0.04	-2.80	-0.01	<b>8.76</b>	-0.07	CO 17
		1.817	Min M <sub>y</sub>	-74.71	-0.55	-34.47	-0.01	<b>-7.88</b>	0.02	CO 17
		3.635	Max M <sub>z</sub>	-23.04	0.10	10.44	-0.10	-2.87	<b>0.18</b>	CO 14
		0.700	Min M <sub>z</sub>	-37.76	-0.13	-2.77	0.02	6.08	<b>-0.19</b>	CO 13
2253	1931	0.000	max N	<b>21.45</b>	0.01	-1.70	-0.01	0.00	0.00	CO 9
			min N	<b>-33.44</b>	-0.06	14.66	0.10	0.00	0.00	CO 18
			max V <sub>y</sub>	-1.46	<b>0.01</b>	8.94	0.00	0.00	0.00	CO 13
			min V <sub>y</sub>	-27.41	<b>-0.10</b>	11.45	0.17	0.00	0.00	CO 12
			max V <sub>z</sub>	-33.21	-0.01	<b>15.24</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	21.45	0.01	<b>-1.70</b>	-0.01	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-27.41	-0.10	11.45	<b>0.17</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	21.45	0.01	-1.70	<b>-0.01</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-1.46	0.01	8.94	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-27.41	-0.10	11.45	0.17	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-1.46	0.01	8.94	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-27.41	-0.10	11.45	0.17	0.00	<b>0.00</b>	CO 12
		1.817	max N	<b>21.34</b>	0.01	2.32	-0.01	0.57	-0.01	CO 9
			min N	<b>-32.52</b>	-0.05	-20.79	0.10	-5.61	0.10	CO 18
			max V <sub>y</sub>	21.34	<b>0.01</b>	2.32	-0.01	0.57	-0.01	CO 9
			min V <sub>y</sub>	-26.68	<b>-0.09</b>	-16.22	0.17	-4.35	0.16	CO 12
			max V <sub>z</sub>	21.34	0.01	<b>2.32</b>	-0.01	0.57	-0.01	CO 9
			min V <sub>z</sub>	-32.25	0.00	<b>-21.64</b>	0.00	-5.85	0.01	CO 17
			max M <sub>T</sub>	-12.63	-0.09	-6.88	<b>0.17</b>	-1.82	0.16	CO 10
			min M <sub>T</sub>	21.34	0.01	2.32	<b>-0.01</b>	0.57	-0.01	CO 9
			max M <sub>y</sub>	21.34	0.01	2.32	-0.01	<b>0.57</b>	-0.01	CO 9
			min M <sub>y</sub>	-32.25	0.00	-21.64	0.00	<b>-5.85</b>	0.01	CO 17
			max M <sub>z</sub>	-26.68	-0.09	-16.22	0.17	-4.35	<b>0.16</b>	CO 12
			min M <sub>z</sub>	7.26	0.01	-6.99	-0.01	-1.95	<b>-0.01</b>	CO 15
			max N	<b>25.96</b>	0.00	-2.02	0.00	0.48	-0.01	CO 9
			min N	<b>-86.26</b>	0.07	17.77	0.05	-4.79	0.08	CO 18
			max V <sub>y</sub>	-34.14	<b>0.11</b>	5.98	0.09	-1.63	0.12	CO 10
			min V <sub>y</sub>	25.96	<b>0.00</b>	-2.02	0.00	0.48	-0.01	CO 9
			max V <sub>z</sub>	-85.88	0.00	<b>18.42</b>	0.00	-4.94	0.01	CO 17
			min V <sub>z</sub>	25.96	0.00	<b>-2.02</b>	0.00	0.48	-0.01	CO 9
			max M <sub>T</sub>	-11.85	0.11	1.02	<b>0.09</b>	-0.29	0.11	CO 8
			min M <sub>T</sub>	-10.71	0.00	5.91	<b>0.00</b>	-1.65	-0.01	CO 15
			max M <sub>y</sub>	25.96	0.00	-2.02	0.00	<b>0.48</b>	-0.01	CO 9
			min M <sub>y</sub>	-85.88	0.00	18.42	0.00	<b>-4.94</b>	0.01	CO 17
			max M <sub>z</sub>	-70.81	0.11	13.93	0.09	-3.77	<b>0.12</b>	CO 12
			min M <sub>z</sub>	-10.71	0.00	5.91	0.00	-1.65	<b>-0.01</b>	CO 15
		3.635	max N	<b>25.85</b>	0.00	2.01	0.00	0.47	-0.01	CO 9
			min N	<b>-85.28</b>	0.07	-17.65	0.05	-4.68	-0.05	CO 18
			max V <sub>y</sub>	-70.04	<b>0.12</b>	-13.72	0.09	-3.58	-0.10	CO 12
			min V <sub>y</sub>	-32.38	<b>-0.01</b>	-10.89	0.00	-3.00	-0.01	CO 13
			max V <sub>z</sub>	25.85	0.00	<b>2.01</b>	0.00	0.47	-0.01	CO 9
			min V <sub>z</sub>	-84.86	0.00	<b>-18.42</b>	0.00	-4.94	0.01	CO 17
			max M <sub>T</sub>	-11.80	0.11	-0.81	<b>0.09</b>	-0.10	-0.10	CO 8
			min M <sub>T</sub>	-10.38	0.00	-5.93	<b>0.00</b>	-1.66	-0.01	CO 15
			max M <sub>y</sub>	25.85	0.00	2.01	0.00	<b>0.47</b>	-0.01	CO 9
			min M <sub>y</sub>	-84.86	0.00	-18.42	0.00	<b>-4.94</b>	0.01	CO 17
			max M <sub>z</sub>	-84.86	0.00	-18.42	0.00	-4.94	<b>0.01</b>	CO 17



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-11.80	0.11	-0.81	0.09	-0.10	<b>-0.10</b>	CO 8
			max N	<b>21.62</b>	-0.01	-2.32	0.00	0.57	-0.01	CO 9
			min N	<b>-35.88</b>	-0.04	20.79	0.10	-5.60	-0.07	CO 18
			max V <sub>y</sub>	-31.35	<b>0.00</b>	21.64	0.00	-5.85	0.01	CO 17
			min V <sub>y</sub>	-11.40	<b>-0.07</b>	1.03	0.16	-0.22	-0.13	CO 8
			max V <sub>z</sub>	-31.35	0.00	<b>21.64</b>	0.00	-5.85	0.01	CO 17
			min V <sub>z</sub>	21.62	-0.01	<b>-2.32</b>	0.00	0.57	-0.01	CO 9
			max M <sub>T</sub>	-11.40	-0.07	1.03	<b>0.16</b>	-0.22	-0.13	CO 8
			min M <sub>T</sub>	0.02	0.00	12.83	<b>0.00</b>	-3.54	-0.01	CO 13
			max M <sub>y</sub>	21.62	-0.01	-2.32	0.00	<b>0.57</b>	-0.01	CO 9
			min M <sub>y</sub>	-31.35	0.00	21.64	0.00	<b>-5.85</b>	0.01	CO 17
			max M <sub>z</sub>	-31.35	0.00	21.64	0.00	-5.85	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-11.40	-0.07	1.03	0.16	-0.22	<b>-0.13</b>	CO 8
	1934	5.452	max N	<b>21.51</b>	-0.01	1.70	0.00	0.00	0.00	CO 9
			min N	<b>-34.85</b>	-0.04	-14.67	0.10	0.00	0.00	CO 18
			max V <sub>y</sub>	-30.27	<b>0.01</b>	-15.23	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-24.60	<b>-0.08</b>	-7.36	0.17	0.00	0.00	CO 14
			max V <sub>z</sub>	21.51	-0.01	<b>1.70</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-30.27	0.01	<b>-15.23</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-32.24	-0.08	-11.47	<b>0.17</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.64	-0.01	-8.93	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-3.78	0.00	-1.74	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-32.24	-0.08	-11.47	0.17	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-32.24	-0.08	-11.47	0.17	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-15.11	-0.01	-13.13	0.00	0.00	<b>0.00</b>	CO 19
		1.817	Max N	<b>25.96</b>	0.00	-2.02	0.00	0.48	-0.01	CO 9
		1.817	Min N	<b>-86.26</b>	0.07	17.77	0.05	-4.79	0.08	CO 18
		2.856	Max V <sub>y</sub>	-70.37	<b>0.12</b>	-1.88	0.09	2.52	0.00	CO 12
	1931	0.000	Min V <sub>y</sub>	-27.41	<b>-0.10</b>	11.45	0.17	0.00	0.00	CO 12
		3.635	Max V <sub>z</sub>	-31.35	0.00	<b>21.64</b>	0.00	-5.85	0.01	CO 17
		1.817	Min V <sub>z</sub>	-32.25	0.00	<b>-21.64</b>	0.00	-5.85	0.01	CO 17
		0.682	Max M <sub>T</sub>	-27.15	-0.09	1.07	<b>0.17</b>	4.27	0.06	CO 12
		1.817	Min M <sub>T</sub>	21.34	0.01	2.32	<b>-0.01</b>	0.57	-0.01	CO 9
		4.673	Max M <sub>y</sub>	-30.76	0.01	0.59	0.00	<b>5.71</b>	0.00	CO 17
		3.635	Min M <sub>y</sub>	-31.35	0.00	21.64	0.00	<b>-5.85</b>	0.01	CO 17
		1.817	Max M <sub>z</sub>	-26.68	-0.09	-16.22	0.17	-4.35	<b>0.16</b>	CO 12
		3.635	Min M <sub>z</sub>	-11.40	-0.07	1.03	0.16	-0.22	<b>-0.13</b>	CO 8
2254	1590	0.000	max N	<b>78.16</b>	0.01	-3.48	-0.01	1.09	0.01	CO 19
			min N	<b>-6.23</b>	-0.22	-4.12	-0.09	1.19	-0.03	CO 8
			max V <sub>y</sub>	77.54	<b>0.02</b>	-3.75	0.01	1.20	0.01	CO 17
			min V <sub>y</sub>	-6.23	<b>-0.22</b>	-4.12	-0.09	1.19	-0.03	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	13.48	-0.03	<b>-0.04</b>	-0.02	-0.02	-0.01	CO 9
			min V <sub>z</sub>	45.27	-0.21	<b>-6.73</b>	-0.09	2.02	-0.02	CO 12
			max M <sub>T</sub>	77.54	0.02	-3.75	<b>0.01</b>	1.20	0.01	CO 17
			min M <sub>T</sub>	-6.23	-0.22	-4.12	<b>-0.09</b>	1.19	-0.03	CO 8
			max M <sub>y</sub>	45.27	-0.21	-6.73	-0.09	<b>2.02</b>	-0.02	CO 12
			min M <sub>y</sub>	13.48	-0.03	-0.04	-0.02	<b>-0.02</b>	-0.01	CO 9
			max M <sub>z</sub>	77.54	0.02	-3.75	0.01	1.20	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-6.23	-0.22	-4.12	-0.09	1.19	<b>-0.03</b>	CO 8
	1920	1.129	max N	<b>78.28</b>	0.01	-3.80	-0.01	-2.95	0.00	CO 19
			min N	<b>-6.11</b>	-0.22	-4.29	-0.09	-3.57	0.22	CO 8
			max V <sub>y</sub>	77.66	<b>0.02</b>	-4.07	0.01	-3.14	-0.01	CO 17
			min V <sub>y</sub>	-6.11	<b>-0.22</b>	-4.29	-0.09	-3.57	0.22	CO 8
			max V <sub>z</sub>	13.60	-0.03	<b>-0.22</b>	-0.02	-0.17	0.02	CO 9
			min V <sub>z</sub>	45.37	-0.21	<b>-7.08</b>	-0.09	-5.71	0.22	CO 12
			max M <sub>T</sub>	77.66	0.02	-4.07	<b>0.01</b>	-3.14	-0.01	CO 17
			min M <sub>T</sub>	-6.11	-0.22	-4.29	<b>-0.09</b>	-3.57	0.22	CO 8
			max M <sub>y</sub>	13.60	-0.03	-0.22	-0.02	<b>-0.17</b>	0.02	CO 9
			min M <sub>y</sub>	45.37	-0.21	-7.08	-0.09	<b>-5.71</b>	0.22	CO 12
			max M <sub>z</sub>	-6.11	-0.22	-4.29	-0.09	-3.57	<b>0.22</b>	CO 8
			min M <sub>z</sub>	77.66	0.02	-4.07	0.01	-3.14	<b>-0.01</b>	CO 17
	1920	1.129	Max N	<b>78.28</b>	0.01	-3.80	-0.01	-2.95	0.00	CO 19
	1590	0.000	Min N	<b>-6.23</b>	-0.22	-4.12	-0.09	1.19	-0.03	CO 8
	1590	0.000	Max V <sub>y</sub>	77.54	<b>0.02</b>	-3.75	0.01	1.20	0.01	CO 17
	1590	0.000	Min V <sub>y</sub>	-6.23	<b>-0.22</b>	-4.12	-0.09	1.19	-0.03	CO 8
	1590	0.000	Max V <sub>z</sub>	13.48	-0.03	<b>-0.04</b>	-0.02	-0.02	-0.01	CO 9
	1920	1.129	Min V <sub>z</sub>	45.37	-0.21	<b>-7.08</b>	-0.09	-5.71	0.22	CO 12
	1590	0.000	Max M <sub>T</sub>	77.54	0.02	-3.75	<b>0.01</b>	1.20	0.01	CO 17
	1590	0.000	Min M <sub>T</sub>	-6.23	-0.22	-4.12	<b>-0.09</b>	1.19	-0.03	CO 8
	1590	0.000	Max M <sub>y</sub>	45.27	-0.21	-6.73	-0.09	<b>2.02</b>	-0.02	CO 12
	1920	1.129	Min M <sub>y</sub>	45.37	-0.21	-7.08	-0.09	<b>-5.71</b>	0.22	CO 12
	1920	1.129	Max M <sub>z</sub>	-6.11	-0.22	-4.29	-0.09	-3.57	<b>0.22</b>	CO 8
	1590	0.000	Min M <sub>z</sub>	-6.23	-0.22	-4.12	-0.09	1.19	<b>-0.03</b>	CO 8
2255	1935	0.000	max N	<b>5.57</b>	0.02	1.67	-0.03	0.00	0.00	CO 9
			min N	<b>-61.95</b>	0.06	13.16	-0.04	0.00	0.00	CO 18
			max V <sub>y</sub>	-25.34	<b>0.11</b>	2.43	-0.08	0.00	0.00	CO 10
			min V <sub>y</sub>	-46.53	<b>-0.01</b>	11.07	0.01	0.00	0.00	CO 16
			max V <sub>z</sub>	-61.17	-0.01	<b>15.18</b>	0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	-10.66	0.10	<b>-1.65</b>	-0.08	0.00	0.00	CO 8
			max M <sub>T</sub>	-61.17	-0.01	15.18	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-10.66	0.10	-1.65	<b>-0.08</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-9.38	0.00	1.71	0.00	<b>0.00</b>	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-10.66	0.10	-1.65	-0.08	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-51.34	0.11	8.99	-0.08	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-61.17	-0.01	15.18	0.01	0.00	<b>0.00</b>	CO 17
			max N	<b>5.57</b>	0.02	1.67	-0.03	0.00	0.00	CO 9
			min N	<b>-61.95</b>	0.06	13.16	-0.04	0.00	0.00	CO 18
			max V <sub>y</sub>	-25.34	<b>0.11</b>	2.43	-0.08	0.00	0.00	CO 10
			min V <sub>y</sub>	-46.53	<b>-0.01</b>	11.07	0.01	0.00	0.00	CO 16
			max V <sub>z</sub>	-61.17	-0.01	<b>15.18</b>	0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	-10.66	0.10	<b>-1.65</b>	-0.08	0.00	0.00	CO 8
			max M <sub>T</sub>	-61.17	-0.01	15.18	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-10.66	0.10	-1.65	<b>-0.08</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-61.17	-0.01	15.18	0.01	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-10.66	0.10	-1.65	-0.08	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-51.34	0.11	8.99	-0.08	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-61.17	-0.01	15.18	0.01	0.00	<b>0.00</b>	CO 17
		1.817	max N	<b>5.68</b>	0.02	-2.52	-0.03	-0.77	-0.04	CO 9
			min N	<b>-61.13</b>	0.05	-18.84	-0.04	-5.22	-0.10	CO 18
			max V <sub>y</sub>	-10.78	<b>0.10</b>	2.38	-0.08	0.67	-0.19	CO 8
			min V <sub>y</sub>	-45.82	<b>-0.01</b>	-15.88	0.01	-4.41	0.01	CO 16
			max V <sub>z</sub>	-10.78	0.10	<b>2.38</b>	-0.08	0.67	-0.19	CO 8
			min V <sub>z</sub>	-51.25	0.00	<b>-21.78</b>	-0.01	-6.08	-0.01	CO 19
			max M <sub>T</sub>	-60.22	-0.01	-21.77	<b>0.01</b>	-6.05	0.01	CO 17
			min M <sub>T</sub>	-10.78	0.10	2.38	<b>-0.08</b>	0.67	-0.19	CO 8
			max M <sub>y</sub>	-10.78	0.10	2.38	-0.08	<b>0.67</b>	-0.19	CO 8
			min M <sub>y</sub>	-51.25	0.00	-21.78	-0.01	<b>-6.08</b>	-0.01	CO 19
			max M <sub>z</sub>	-45.82	-0.01	-15.88	0.01	-4.41	<b>0.01</b>	CO 16
			min M <sub>z</sub>	-25.18	0.10	-3.47	-0.08	-0.95	<b>-0.19</b>	CO 10
			max N	<b>-5.45</b>	0.01	4.37	-0.02	-0.88	-0.04	CO 9
			min N	<b>-127.08</b>	0.00	26.24	0.01	-6.04	0.01	CO 17
			max V <sub>y</sub>	-36.82	<b>0.02</b>	10.92	-0.02	-2.43	-0.04	CO 11
			min V <sub>y</sub>	-65.22	<b>-0.04</b>	11.06	-0.03	-2.30	-0.12	CO 14
			max V <sub>z</sub>	-118.21	0.00	<b>26.24</b>	0.00	-6.05	-0.01	CO 19
			min V <sub>z</sub>	-12.32	-0.03	<b>0.36</b>	-0.03	0.22	-0.13	CO 8
			max M <sub>T</sub>	-127.08	0.00	26.24	<b>0.01</b>	-6.04	0.01	CO 17
			min M <sub>T</sub>	-12.32	-0.03	0.36	<b>-0.03</b>	0.22	-0.13	CO 8
			max M <sub>y</sub>	-12.32	-0.03	0.36	-0.03	<b>0.22</b>	-0.13	CO 8
			min M <sub>y</sub>	-118.21	0.00	26.24	0.00	<b>-6.05</b>	-0.01	CO 19
			max M <sub>z</sub>	-95.71	-0.01	19.66	0.01	-4.46	<b>0.01</b>	CO 16
			min M <sub>z</sub>	-43.73	-0.03	6.91	-0.03	-1.34	<b>-0.13</b>	CO 10
		2.067	max N	<b>-5.43</b>	0.01	3.80	-0.02	0.14	-0.04	CO 9
			min N	<b>-126.93</b>	0.00	21.24	0.01	-0.10	0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-36.76	<b>0.02</b>	8.99	-0.02	0.05	-0.04	CO 11
			min V <sub>y</sub>	-65.18	<b>-0.04</b>	9.44	-0.03	0.27	-0.11	CO 14
			max V <sub>z</sub>	-118.06	0.00	<b>21.24</b>	0.00	-0.11	-0.01	CO 19
			min V <sub>z</sub>	-12.34	-0.03	<b>0.91</b>	-0.03	0.38	-0.12	CO 8
			max M <sub>T</sub>	-126.93	0.00	21.24	<b>0.01</b>	-0.10	0.01	CO 17
			min M <sub>T</sub>	-12.34	-0.03	0.91	<b>-0.03</b>	0.38	-0.12	CO 8
			max M <sub>y</sub>	-12.34	-0.03	0.91	-0.03	<b>0.38</b>	-0.12	CO 8
			min M <sub>y</sub>	-118.06	0.00	21.24	0.00	<b>-0.11</b>	-0.01	CO 19
			max M <sub>z</sub>	-95.60	-0.01	16.00	0.01	0.00	<b>0.02</b>	CO 16
			min M <sub>z</sub>	-43.70	-0.03	6.10	-0.03	0.28	<b>-0.12</b>	CO 10
			max N	<b>-5.37</b>	-0.03	1.55	-0.02	0.11	-0.04	CO 9
			min N	<b>-126.71</b>	0.02	13.54	0.01	0.11	0.01	CO 17
			max V <sub>y</sub>	-126.71	<b>0.02</b>	13.54	0.01	0.11	0.01	CO 17
			min V <sub>y</sub>	-12.28	<b>-0.10</b>	-1.33	-0.03	0.38	-0.12	CO 8
			max V <sub>z</sub>	-117.84	0.01	<b>13.54</b>	0.00	0.05	-0.01	CO 19
			min V <sub>z</sub>	-12.28	-0.10	<b>-1.33</b>	-0.03	0.38	-0.12	CO 8
			max M <sub>T</sub>	-126.71	0.02	13.54	<b>0.01</b>	0.11	0.01	CO 17
			min M <sub>T</sub>	-12.28	-0.10	-1.33	<b>-0.03</b>	0.38	-0.12	CO 8
			max M <sub>y</sub>	-12.28	-0.10	-1.33	-0.03	<b>0.38</b>	-0.12	CO 8
			min M <sub>y</sub>	-89.35	-0.01	11.02	-0.01	<b>0.03</b>	-0.03	CO 13
			max M <sub>z</sub>	-95.43	0.02	9.86	0.01	0.16	<b>0.02</b>	CO 16
			min M <sub>z</sub>	-43.59	-0.10	2.29	-0.03	0.34	<b>-0.12</b>	CO 10
		3.385	max N	<b>-5.29</b>	-0.03	-1.49	-0.02	0.15	0.00	CO 9
			min N	<b>-125.97</b>	0.02	-13.45	0.01	0.16	-0.01	CO 17
			max V <sub>y</sub>	-125.97	<b>0.02</b>	-13.45	0.01	0.16	-0.01	CO 17
			min V <sub>y</sub>	-12.36	<b>-0.10</b>	1.59	-0.03	0.55	0.02	CO 8
			max V <sub>z</sub>	-12.36	-0.10	<b>1.59</b>	-0.03	0.55	0.02	CO 8
			min V <sub>z</sub>	-125.97	0.02	<b>-13.45</b>	0.01	0.16	-0.01	CO 17
			max M <sub>T</sub>	-125.97	0.02	-13.45	<b>0.01</b>	0.16	-0.01	CO 17
			min M <sub>T</sub>	-12.36	-0.10	1.59	<b>-0.03</b>	0.55	0.02	CO 8
			max M <sub>y</sub>	-12.36	-0.10	1.59	-0.03	<b>0.55</b>	0.02	CO 8
			min M <sub>y</sub>	-88.75	-0.02	-10.90	-0.01	<b>0.11</b>	-0.02	CO 13
			max M <sub>z</sub>	-12.36	-0.10	1.59	-0.03	0.55	<b>0.02</b>	CO 8
			min M <sub>z</sub>	-88.75	-0.02	-10.90	-0.01	0.11	<b>-0.02</b>	CO 13
			max N	<b>-5.23</b>	-0.02	-3.73	-0.02	0.19	0.00	CO 9
			min N	<b>-125.77</b>	0.00	-21.15	0.01	-0.05	-0.01	CO 17
			max V <sub>y</sub>	-19.97	<b>0.00</b>	-3.76	0.00	0.17	0.00	CO 1
			min V <sub>y</sub>	-88.57	<b>-0.02</b>	-17.43	-0.01	0.02	-0.02	CO 13
			max V <sub>z</sub>	-12.30	0.00	<b>-0.65</b>	-0.03	0.53	0.02	CO 8
			min V <sub>z</sub>	-125.77	0.00	<b>-21.15</b>	0.01	-0.05	-0.01	CO 17
			max M <sub>T</sub>	-125.77	0.00	-21.15	<b>0.01</b>	-0.05	-0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-12.30	0.00	-0.65	<b>-0.03</b>	0.53	0.02	CO 8
			max M <sub>y</sub>	-12.30	0.00	-0.65	-0.03	<b>0.53</b>	0.02	CO 8
			min M <sub>y</sub>	-125.77	0.00	-21.15	0.01	<b>-0.05</b>	-0.01	CO 17
			max M <sub>z</sub>	-12.30	0.00	-0.65	-0.03	0.53	<b>0.02</b>	CO 8
			min M <sub>z</sub>	-88.57	-0.02	-17.43	-0.01	0.02	<b>-0.02</b>	CO 13
		3.635	max N	<b>-5.21</b>	-0.02	-4.30	-0.02	-0.82	0.00	CO 9
			min N	<b>-125.63</b>	0.00	-26.15	0.01	-5.96	-0.01	CO 17
			max V <sub>y</sub>	-12.31	<b>0.00</b>	-0.10	-0.03	0.44	0.02	CO 8
			min V <sub>y</sub>	-88.46	<b>-0.02</b>	-21.51	-0.01	-4.85	-0.01	CO 13
			max V <sub>z</sub>	-12.31	0.00	<b>-0.10</b>	-0.03	0.44	0.02	CO 8
			min V <sub>z</sub>	-125.63	0.00	<b>-26.15</b>	0.01	-5.96	-0.01	CO 17
			max M <sub>T</sub>	-125.63	0.00	-26.15	<b>0.01</b>	-5.96	-0.01	CO 17
			min M <sub>T</sub>	-12.31	0.00	-0.10	<b>-0.03</b>	0.44	0.02	CO 8
			max M <sub>y</sub>	-12.31	0.00	-0.10	-0.03	<b>0.44</b>	0.02	CO 8
			min M <sub>y</sub>	-125.63	0.00	-26.15	0.01	<b>-5.96</b>	-0.01	CO 17
			max M <sub>z</sub>	-12.31	0.00	-0.10	-0.03	0.44	<b>0.02</b>	CO 8
			min M <sub>z</sub>	-116.76	-0.02	-26.12	0.00	-5.94	<b>-0.01</b>	CO 19
			max N	<b>3.74</b>	0.00	2.51	-0.03	-0.76	-0.01	CO 9
			min N	<b>-65.32</b>	0.00	18.56	-0.01	-5.12	0.00	CO 18
			max V <sub>y</sub>	-15.38	<b>0.01</b>	-2.87	-0.04	0.84	0.02	CO 8
			min V <sub>y</sub>	-61.80	<b>-0.01</b>	21.77	0.01	-6.05	-0.01	CO 17
			max V <sub>z</sub>	-53.79	0.00	<b>21.78</b>	-0.01	-6.08	-0.01	CO 19
			min V <sub>z</sub>	-15.38	0.01	<b>-2.87</b>	-0.04	0.84	0.02	CO 8
			max M <sub>T</sub>	-61.80	-0.01	21.77	<b>0.01</b>	-6.05	-0.01	CO 17
			min M <sub>T</sub>	-15.38	0.01	-2.87	<b>-0.04</b>	0.84	0.02	CO 8
			max M <sub>y</sub>	-15.38	0.01	-2.87	-0.04	<b>0.84</b>	0.02	CO 8
			min M <sub>y</sub>	-53.79	0.00	21.78	-0.01	<b>-6.08</b>	-0.01	CO 19
			max M <sub>z</sub>	-15.38	0.01	-2.87	-0.04	0.84	<b>0.02</b>	CO 8
			min M <sub>z</sub>	-37.34	0.00	17.75	-0.02	-4.98	<b>-0.02</b>	CO 13
		3.852	max N	<b>3.75</b>	0.00	2.01	-0.03	-0.27	-0.01	CO 9
			min N	<b>-65.20</b>	0.00	14.77	-0.02	-1.50	0.00	CO 18
			max V <sub>y</sub>	-15.39	<b>0.01</b>	-2.39	-0.04	0.27	0.01	CO 8
			min V <sub>y</sub>	-37.23	<b>-0.01</b>	14.18	-0.02	-1.51	-0.02	CO 13
			max V <sub>z</sub>	-53.65	-0.01	<b>17.41</b>	-0.01	-1.82	-0.01	CO 19
			min V <sub>z</sub>	-15.39	0.01	<b>-2.39</b>	-0.04	0.27	0.01	CO 8
			max M <sub>T</sub>	-61.66	-0.01	17.40	<b>0.01</b>	-1.79	-0.01	CO 17
			min M <sub>T</sub>	-15.39	0.01	-2.39	<b>-0.04</b>	0.27	0.01	CO 8
			max M <sub>y</sub>	-15.39	0.01	-2.39	-0.04	<b>0.27</b>	0.01	CO 8
			min M <sub>y</sub>	-53.65	-0.01	17.41	-0.01	<b>-1.82</b>	-0.01	CO 19
			max M <sub>z</sub>	-15.39	0.01	-2.39	-0.04	0.27	<b>0.01</b>	CO 8
			min M <sub>z</sub>	-37.23	-0.01	14.18	-0.02	-1.51	<b>-0.02</b>	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max N	<b>3.75</b>	0.00	2.01	-0.03	-0.27	-0.01	CO 9
			min N	<b>-65.20</b>	0.00	14.77	-0.02	-1.50	0.00	CO 18
			max V <sub>y</sub>	-15.39	<b>0.01</b>	-2.39	-0.04	0.27	0.01	CO 8
			min V <sub>y</sub>	-37.23	<b>-0.01</b>	14.18	-0.02	-1.51	-0.02	CO 13
			max V <sub>z</sub>	-53.65	-0.01	<b>17.41</b>	-0.01	-1.82	-0.01	CO 19
			min V <sub>z</sub>	-15.39	0.01	<b>-2.39</b>	-0.04	0.27	0.01	CO 8
			max M <sub>T</sub>	-61.66	-0.01	17.40	<b>0.01</b>	-1.79	-0.01	CO 17
			min M <sub>T</sub>	-15.39	0.01	-2.39	<b>-0.04</b>	0.27	0.01	CO 8
			max M <sub>y</sub>	-15.39	0.01	-2.39	-0.04	<b>0.27</b>	0.01	CO 8
			min M <sub>y</sub>	-53.65	-0.01	17.41	-0.01	<b>-1.82</b>	-0.01	CO 19
			max M <sub>z</sub>	-15.39	0.01	-2.39	-0.04	0.27	<b>0.01</b>	CO 8
			min M <sub>z</sub>	-37.23	-0.01	14.18	-0.02	-1.51	<b>-0.02</b>	CO 13
		3.950	max N	<b>3.76</b>	0.00	1.79	-0.03	-0.09	-0.01	CO 9
			min N	<b>-65.16</b>	0.00	13.06	-0.02	-0.13	0.00	CO 18
			max V <sub>y</sub>	-15.40	<b>0.01</b>	-2.17	-0.04	0.05	0.01	CO 8
			min V <sub>y</sub>	-37.19	<b>-0.01</b>	12.57	-0.02	-0.20	-0.01	CO 13
			max V <sub>z</sub>	-53.60	-0.01	<b>15.43</b>	-0.01	-0.22	-0.01	CO 19
			min V <sub>z</sub>	-15.40	0.01	<b>-2.17</b>	-0.04	0.05	0.01	CO 8
			max M <sub>T</sub>	-61.61	0.00	15.43	<b>0.01</b>	-0.18	-0.01	CO 17
			min M <sub>T</sub>	-15.40	0.01	-2.17	<b>-0.04</b>	0.05	0.01	CO 8
			max M <sub>y</sub>	-15.40	0.01	-2.17	-0.04	<b>0.05</b>	0.01	CO 8
			min M <sub>y</sub>	-53.60	-0.01	15.43	-0.01	<b>-0.22</b>	-0.01	CO 19
			max M <sub>z</sub>	-15.40	0.01	-2.17	-0.04	0.05	<b>0.01</b>	CO 8
			min M <sub>z</sub>	-37.19	-0.01	12.57	-0.02	-0.20	<b>-0.01</b>	CO 13
			max N	<b>3.76</b>	0.00	1.79	-0.03	-0.09	-0.01	CO 9
			min N	<b>-65.16</b>	0.00	13.06	-0.02	-0.13	0.00	CO 18
			max V <sub>y</sub>	-15.40	<b>0.01</b>	-2.17	-0.04	0.05	0.01	CO 8
			min V <sub>y</sub>	-37.19	<b>-0.01</b>	12.57	-0.02	-0.20	-0.01	CO 13
			max V <sub>z</sub>	-53.60	-0.01	<b>15.43</b>	-0.01	-0.21	-0.01	CO 19
			min V <sub>z</sub>	-15.40	0.01	<b>-2.17</b>	-0.04	0.05	0.01	CO 8
			max M <sub>T</sub>	-61.61	0.00	15.43	<b>0.01</b>	-0.18	-0.01	CO 17
			min M <sub>T</sub>	-15.40	0.01	-2.17	<b>-0.04</b>	0.05	0.01	CO 8
			max M <sub>y</sub>	-15.40	0.01	-2.17	-0.04	<b>0.05</b>	0.01	CO 8
			min M <sub>y</sub>	-53.60	-0.01	15.43	-0.01	<b>-0.21</b>	-0.01	CO 19
			max M <sub>z</sub>	-15.40	0.01	-2.17	-0.04	0.05	<b>0.01</b>	CO 8
			min M <sub>z</sub>	-37.19	-0.01	12.57	-0.02	-0.20	<b>-0.01</b>	CO 13
		4.752	max N	<b>3.81</b>	0.00	-0.06	-0.03	0.61	0.00	CO 9
			min N	<b>-64.77</b>	0.00	-0.80	-0.02	4.80	0.00	CO 18
			max V <sub>y</sub>	-15.46	<b>0.01</b>	0.11	-0.04	-0.78	0.01	CO 8
			min V <sub>y</sub>	-36.82	<b>-0.01</b>	-0.71	-0.02	4.56	-0.01	CO 13
			max V <sub>z</sub>	-15.46	0.01	<b>0.11</b>	-0.04	-0.78	0.01	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-61.15	0.00	<b>-0.92</b>	0.01	5.65	0.00	CO 17
			max M <sub>T</sub>	-61.15	0.00	-0.92	<b>0.01</b>	5.65	0.00	CO 17
			min M <sub>T</sub>	-15.46	0.01	0.11	<b>-0.04</b>	-0.78	0.01	CO 8
			max M <sub>y</sub>	-61.15	0.00	-0.92	0.01	<b>5.65</b>	0.00	CO 17
			min M <sub>y</sub>	-15.46	0.01	0.11	-0.04	<b>-0.78</b>	0.01	CO 8
			max M <sub>z</sub>	-15.46	0.01	0.11	-0.04	-0.78	<b>0.01</b>	CO 8
			min M <sub>z</sub>	-36.82	-0.01	-0.71	-0.02	4.56	<b>-0.01</b>	CO 13
			max N	<b>3.81</b>	0.00	-0.06	-0.03	0.61	0.00	CO 9
			min N	<b>-64.77</b>	0.00	-0.80	-0.02	4.80	0.00	CO 18
			max V <sub>y</sub>	-15.46	<b>0.01</b>	0.11	-0.04	-0.78	0.01	CO 8
			min V <sub>y</sub>	-36.82	<b>-0.01</b>	-0.71	-0.02	4.56	-0.01	CO 13
			max V <sub>z</sub>	-15.46	0.01	<b>0.11</b>	-0.04	-0.78	0.01	CO 8
			min V <sub>z</sub>	-61.15	0.00	<b>-0.92</b>	0.01	5.65	0.00	CO 17
			max M <sub>T</sub>	-61.15	0.00	-0.92	<b>0.01</b>	5.65	0.00	CO 17
			min M <sub>T</sub>	-15.46	0.01	0.11	<b>-0.04</b>	-0.78	0.01	CO 8
			max M <sub>y</sub>	-61.15	0.00	-0.92	0.01	<b>5.65</b>	0.00	CO 17
			min M <sub>y</sub>	-15.46	0.01	0.11	-0.04	<b>-0.78</b>	0.01	CO 8
			max M <sub>z</sub>	-15.46	0.01	0.11	-0.04	-0.78	<b>0.01</b>	CO 8
			min M <sub>z</sub>	-36.82	-0.01	-0.71	-0.02	4.56	<b>-0.01</b>	CO 13
		5.452	max N	<b>3.86</b>	0.00	-1.67	-0.03	0.00	0.00	CO 9
			min N	<b>-64.40</b>	0.00	-12.88	-0.02	0.00	0.00	CO 18
			max V <sub>y</sub>	-15.52	<b>0.01</b>	2.11	-0.04	0.00	0.00	CO 8
			min V <sub>y</sub>	-36.47	<b>-0.01</b>	-12.30	-0.02	0.00	0.00	CO 13
			max V <sub>z</sub>	-15.52	0.01	<b>2.11</b>	-0.04	0.00	0.00	CO 8
			min V <sub>z</sub>	-60.71	0.00	<b>-15.18</b>	0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-60.71	0.00	-15.18	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-15.52	0.01	2.11	<b>-0.04</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-60.71	0.00	-15.18	0.01	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-15.52	0.01	2.11	-0.04	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-60.71	0.00	-15.18	0.01	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-55.93	0.00	-8.53	-0.03	0.00	<b>0.00</b>	CO 12
	1940		max N	<b>3.86</b>	0.00	-1.67	-0.03	0.00	0.00	CO 9
			min N	<b>-64.40</b>	0.00	-12.88	-0.02	0.00	0.00	CO 18
			max V <sub>y</sub>	-15.52	<b>0.01</b>	2.11	-0.04	0.00	0.00	CO 8
			min V <sub>y</sub>	-36.47	<b>-0.01</b>	-12.30	-0.02	0.00	0.00	CO 13
			max V <sub>z</sub>	-15.52	0.01	<b>2.11</b>	-0.04	0.00	0.00	CO 8
			min V <sub>z</sub>	-60.71	0.00	<b>-15.18</b>	0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-60.71	0.00	-15.18	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-15.52	0.01	2.11	<b>-0.04</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-9.48	0.00	-1.71	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-15.52	0.01	2.11	-0.04	<b>0.00</b>	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-60.71	0.00	-15.18	0.01	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-55.93	0.00	-8.53	-0.03	0.00	<b>0.00</b>	CO 12
		1.817	Max N	<b>5.68</b>	0.02	-2.52	-0.03	-0.77	-0.04	CO 9
		1.817	Min N	<b>-127.08</b>	0.00	26.24	0.01	-6.04	0.01	CO 17
	1935	0.000	Max V <sub>y</sub>	-25.34	<b>0.11</b>	2.43	-0.08	0.00	0.00	CO 10
		2.858	Min V <sub>y</sub>	-12.32	<b>-0.10</b>	0.42	-0.03	0.02	-0.04	CO 8
		1.817	Max V <sub>z</sub>	-118.21	0.00	<b>26.24</b>	0.00	-6.05	-0.01	CO 19
		3.635	Min V <sub>z</sub>	-125.63	0.00	<b>-26.15</b>	0.01	-5.96	-0.01	CO 17
		0.779	Max M <sub>T</sub>	-60.79	-0.01	-0.69	<b>0.01</b>	5.66	0.01	CO 17
		1.817	Min M <sub>T</sub>	-10.78	0.10	2.38	<b>-0.08</b>	0.67	-0.19	CO 8
		0.779	Max M <sub>y</sub>	-60.79	-0.01	-0.69	0.01	<b>5.66</b>	0.01	CO 17
		3.635	Min M <sub>y</sub>	-53.79	0.00	21.78	-0.01	<b>-6.08</b>	-0.01	CO 19
		3.385	Max M <sub>z</sub>	-12.30	0.00	-0.65	-0.03	0.53	<b>0.02</b>	CO 8
		1.817	Min M <sub>z</sub>	-25.18	0.10	-3.47	-0.08	-0.95	<b>-0.19</b>	CO 10
2258	590	0.000	max N	<b>-6.34</b>	4.17	0.90	-0.04	0.17	-1.64	CO 8
			min N	<b>-126.28</b>	0.03	-0.19	0.00	0.00	0.54	CO 17
			max V <sub>y</sub>	-88.28	<b>4.22</b>	0.79	-0.04	0.16	-1.14	CO 12
			min V <sub>y</sub>	-94.82	<b>0.01</b>	-0.14	0.00	0.00	0.40	CO 16
			max V <sub>z</sub>	-10.64	0.33	<b>1.04</b>	0.01	-0.05	-2.19	CO 9
			min V <sub>z</sub>	-126.28	0.03	<b>-0.19</b>	0.00	0.00	0.54	CO 17
			max M <sub>T</sub>	-10.64	0.33	1.04	<b>0.01</b>	-0.05	-2.19	CO 9
			min M <sub>T</sub>	-88.28	4.22	0.79	<b>-0.04</b>	0.16	-1.14	CO 12
			max M <sub>y</sub>	-6.34	4.17	0.90	-0.04	<b>0.17</b>	-1.64	CO 8
			min M <sub>y</sub>	-92.57	0.30	0.92	0.00	<b>-0.06</b>	-1.65	CO 13
			max M <sub>z</sub>	-126.28	0.03	-0.19	0.00	0.00	<b>0.54</b>	CO 17
			min M <sub>z</sub>	-10.64	0.33	1.04	0.01	-0.05	<b>-2.19</b>	CO 9
		0.150	max N	<b>-6.19</b>	4.17	0.90	-0.04	0.30	-2.26	CO 8
			min N	<b>-126.13</b>	0.03	-0.19	0.00	-0.03	0.53	CO 17
			max V <sub>y</sub>	-88.12	<b>4.21</b>	0.79	-0.04	0.28	-1.77	CO 12
			min V <sub>y</sub>	-94.67	<b>0.01</b>	-0.14	0.00	-0.02	0.40	CO 16
			max V <sub>z</sub>	-10.48	0.32	<b>1.04</b>	0.01	0.10	-2.24	CO 9
			min V <sub>z</sub>	-126.13	0.03	<b>-0.19</b>	0.00	-0.03	0.53	CO 17
			max M <sub>T</sub>	-10.48	0.32	1.04	<b>0.01</b>	0.10	-2.24	CO 9
			min M <sub>T</sub>	-88.12	4.21	0.79	<b>-0.04</b>	0.28	-1.77	CO 12
			max M <sub>y</sub>	-6.19	4.17	0.90	-0.04	<b>0.30</b>	-2.26	CO 8
			min M <sub>y</sub>	-126.13	0.03	-0.19	0.00	<b>-0.03</b>	0.53	CO 17
			max M <sub>z</sub>	-126.13	0.03	-0.19	0.00	-0.03	<b>0.53</b>	CO 17
			min M <sub>z</sub>	-6.19	4.17	0.90	-0.04	0.30	<b>-2.26</b>	CO 8
			max N	<b>-1.21</b>	12.18	-0.15	-0.03	0.22	-1.99	CO 8
			min N	<b>-121.31</b>	18.82	-0.01	0.00	-0.01	0.55	CO 17
			max V <sub>y</sub>	-83.48	<b>25.13</b>	-0.14	-0.04	0.21	-1.48	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-5.16	<b>0.79</b>	0.01	0.01	0.03	-2.29	CO 9
			max V <sub>z</sub>	-87.45	13.62	<b>0.03</b>	0.01	0.02	-1.74	CO 13
			min V <sub>z</sub>	-1.21	12.18	<b>-0.15</b>	-0.03	0.22	-1.99	CO 8
			max M <sub>T</sub>	-5.16	0.79	0.01	<b>0.01</b>	0.03	-2.29	CO 9
			min M <sub>T</sub>	-83.48	25.13	-0.14	<b>-0.04</b>	0.21	-1.48	CO 12
			max M <sub>y</sub>	-1.21	12.18	-0.15	-0.03	<b>0.22</b>	-1.99	CO 8
			min M <sub>y</sub>	-121.31	18.82	-0.01	0.00	<b>-0.01</b>	0.55	CO 17
			max M <sub>z</sub>	-121.31	18.82	-0.01	0.00	-0.01	<b>0.55</b>	CO 17
			min M <sub>z</sub>	-5.16	0.79	0.01	0.01	0.03	<b>-2.29</b>	CO 9
	1645	0.300	max N	<b>-1.06</b>	12.18	-0.15	-0.03	0.20	-3.82	CO 8
			min N	<b>-121.15</b>	18.82	-0.01	0.00	-0.01	-2.27	CO 17
			max V <sub>y</sub>	-83.33	<b>25.12</b>	-0.14	-0.04	0.19	-5.25	CO 12
			min V <sub>y</sub>	-5.01	<b>0.79</b>	0.01	0.01	0.03	-2.41	CO 9
			max V <sub>z</sub>	-87.30	13.62	<b>0.03</b>	0.01	0.02	-3.78	CO 13
			min V <sub>z</sub>	-1.06	12.18	<b>-0.15</b>	-0.03	0.20	-3.82	CO 8
			max M <sub>T</sub>	-5.01	0.79	0.01	<b>0.01</b>	0.03	-2.41	CO 9
			min M <sub>T</sub>	-83.33	25.12	-0.14	<b>-0.04</b>	0.19	-5.25	CO 12
			max M <sub>y</sub>	-1.06	12.18	-0.15	-0.03	<b>0.20</b>	-3.82	CO 8
			min M <sub>y</sub>	-121.15	18.82	-0.01	0.00	<b>-0.01</b>	-2.27	CO 17
			max M <sub>z</sub>	-17.13	2.38	0.00	0.00	0.00	<b>-0.54</b>	CO 1
			min M <sub>z</sub>	-83.33	25.12	-0.14	-0.04	0.19	<b>-5.25</b>	CO 12
	1645	0.300	Max N	<b>-1.06</b>	12.18	-0.15	-0.03	0.20	-3.82	CO 8
	590	0.000	Min N	<b>-126.28</b>	0.03	-0.19	0.00	0.00	0.54	CO 17
		0.150	Max V <sub>y</sub>	-83.48	<b>25.13</b>	-0.14	-0.04	0.21	-1.48	CO 12
	590	0.000	Min V <sub>y</sub>	-94.82	<b>0.01</b>	-0.14	0.00	0.00	0.40	CO 16
	590	0.000	Max V <sub>z</sub>	-10.64	0.33	<b>1.04</b>	0.01	-0.05	-2.19	CO 9
	590	0.000	Min V <sub>z</sub>	-126.28	0.03	<b>-0.19</b>	0.00	0.00	0.54	CO 17
		0.150	Max M <sub>T</sub>	-5.16	0.79	0.01	<b>0.01</b>	0.03	-2.29	CO 9
		0.150	Min M <sub>T</sub>	-88.12	4.21	0.79	<b>-0.04</b>	0.28	-1.77	CO 12
		0.150	Max M <sub>y</sub>	-6.19	4.17	0.90	-0.04	<b>0.30</b>	-2.26	CO 8
	590	0.000	Min M <sub>y</sub>	-92.57	0.30	0.92	0.00	<b>-0.06</b>	-1.65	CO 13
		0.150	Max M <sub>z</sub>	-121.31	18.82	-0.01	0.00	-0.01	<b>0.55</b>	CO 17
	1645	0.300	Min M <sub>z</sub>	-83.33	25.12	-0.14	-0.04	0.19	<b>-5.25</b>	CO 12
2260	591	0.000	max N	<b>1.10</b>	-10.74	0.05	0.04	-0.05	-3.80	CO 8
			min N	<b>-67.26</b>	9.68	0.35	0.01	-0.07	12.55	CO 19
			max V <sub>y</sub>	-29.62	<b>16.49</b>	0.62	0.02	-0.13	7.48	CO 11
			min V <sub>y</sub>	-25.31	<b>-11.38</b>	0.04	0.04	-0.05	0.58	CO 14
			max V <sub>z</sub>	-13.29	15.35	<b>0.63</b>	0.02	-0.13	4.70	CO 9
			min V <sub>z</sub>	-67.12	0.81	<b>-0.04</b>	-0.01	0.02	10.72	CO 17
			max M <sub>T</sub>	1.10	-10.74	0.05	<b>0.04</b>	-0.05	-3.80	CO 8
			min M <sub>T</sub>	-67.12	0.81	-0.04	<b>-0.01</b>	0.02	10.72	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-67.12	0.81	-0.04	-0.01	<b>0.02</b>	10.72	CO 17
			min M <sub>y</sub>	-13.29	15.35	0.63	0.02	<b>-0.13</b>	4.70	CO 9
			max M <sub>z</sub>	-67.26	9.68	0.35	0.01	-0.07	<b>12.55</b>	CO 19
			min M <sub>z</sub>	1.10	-10.74	0.05	0.04	-0.05	<b>-3.80</b>	CO 8
		0.150	max N	<b>1.25</b>	-11.51	0.05	0.04	-0.04	-2.13	CO 8
			min N	<b>-67.10</b>	10.15	0.35	0.01	-0.01	11.06	CO 19
			max V <sub>y</sub>	-29.46	<b>17.26</b>	0.62	0.02	-0.04	4.95	CO 11
			min V <sub>y</sub>	-25.16	<b>-12.15</b>	0.04	0.04	-0.04	2.35	CO 14
			max V <sub>z</sub>	-13.13	16.13	<b>0.63</b>	0.02	-0.04	2.34	CO 9
			min V <sub>z</sub>	-66.97	0.82	<b>-0.04</b>	-0.01	0.01	10.60	CO 17
			max M <sub>T</sub>	1.25	-11.51	0.05	<b>0.04</b>	-0.04	-2.13	CO 8
			min M <sub>T</sub>	-66.97	0.82	-0.04	<b>-0.01</b>	0.01	10.60	CO 17
			max M <sub>y</sub>	-66.97	0.82	-0.04	-0.01	<b>0.01</b>	10.60	CO 17
			min M <sub>y</sub>	1.25	-11.51	0.05	0.04	<b>-0.04</b>	-2.13	CO 8
			max M <sub>z</sub>	-67.10	10.15	0.35	0.01	-0.01	<b>11.06</b>	CO 19
			min M <sub>z</sub>	1.25	-11.51	0.05	0.04	-0.04	<b>-2.13</b>	CO 8
			max N	<b>3.49</b>	-11.51	0.01	0.04	-0.04	-2.15	CO 8
			min N	<b>-64.87</b>	10.15	0.02	0.01	-0.01	11.17	CO 19
			max V <sub>y</sub>	-27.23	<b>17.26</b>	0.02	0.02	-0.04	5.03	CO 11
			min V <sub>y</sub>	-22.92	<b>-12.15</b>	0.01	0.04	-0.04	2.35	CO 14
			max V <sub>z</sub>	-53.63	16.64	<b>0.03</b>	0.02	-0.03	9.55	CO 13
			min V <sub>z</sub>	-10.66	0.60	<b>0.00</b>	0.00	0.00	1.58	CO 1
			max M <sub>T</sub>	3.49	-11.51	0.01	<b>0.04</b>	-0.04	-2.15	CO 8
			min M <sub>T</sub>	-64.73	0.82	0.00	<b>-0.01</b>	0.01	10.69	CO 17
			max M <sub>y</sub>	-64.73	0.82	0.00	-0.01	<b>0.01</b>	10.69	CO 17
			min M <sub>y</sub>	3.49	-11.51	0.01	0.04	<b>-0.04</b>	-2.15	CO 8
			max M <sub>z</sub>	-64.87	10.15	0.02	0.01	-0.01	<b>11.17</b>	CO 19
			min M <sub>z</sub>	3.49	-11.51	0.01	0.04	-0.04	<b>-2.15</b>	CO 8
	1696	0.300	max N	<b>3.65</b>	-12.28	0.02	0.04	-0.04	-0.37	CO 8
			min N	<b>-64.71</b>	10.62	0.02	0.01	-0.01	9.61	CO 19
			max V <sub>y</sub>	-27.07	<b>18.03</b>	0.02	0.02	-0.03	2.38	CO 11
			min V <sub>y</sub>	-22.76	<b>-12.92</b>	0.02	0.04	-0.04	4.23	CO 14
			max V <sub>z</sub>	-53.48	17.42	<b>0.03</b>	0.01	-0.03	6.99	CO 13
			min V <sub>z</sub>	-10.51	0.60	<b>0.00</b>	0.00	0.00	1.49	CO 1
			max M <sub>T</sub>	3.65	-12.28	0.02	<b>0.04</b>	-0.04	-0.37	CO 8
			min M <sub>T</sub>	-64.57	0.83	0.00	<b>-0.01</b>	0.01	10.56	CO 17
			max M <sub>y</sub>	-64.57	0.83	0.00	-0.01	<b>0.01</b>	10.56	CO 17
			min M <sub>y</sub>	3.65	-12.28	0.02	0.04	<b>-0.04</b>	-0.37	CO 8
			max M <sub>z</sub>	-64.57	0.83	0.00	-0.01	0.01	<b>10.56</b>	CO 17
			min M <sub>z</sub>	3.65	-12.28	0.02	0.04	-0.04	<b>-0.37</b>	CO 8
	1696	0.300	Max N	<b>3.65</b>	-12.28	0.02	0.04	-0.04	-0.37	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	591	0.000	Min N	<b>-67.26</b>	9.68	0.35	0.01	-0.07	12.55	CO 19
	1696	0.300	Max V <sub>y</sub>	-27.07	<b>18.03</b>	0.02	0.02	-0.03	2.38	CO 11
	1696	0.300	Min V <sub>y</sub>	-22.76	<b>-12.92</b>	0.02	0.04	-0.04	4.23	CO 14
	591	0.000	Max V <sub>z</sub>	-13.29	15.35	<b>0.63</b>	0.02	-0.13	4.70	CO 9
	591	0.000	Min V <sub>z</sub>	-67.12	0.81	<b>-0.04</b>	-0.01	0.02	10.72	CO 17
	1696	0.300	Max M <sub>T</sub>	3.65	-12.28	0.02	<b>0.04</b>	-0.04	-0.37	CO 8
		0.150	Min M <sub>T</sub>	-64.73	0.82	0.00	<b>-0.01</b>	0.01	10.69	CO 17
	591	0.000	Max M <sub>y</sub>	-67.12	0.81	-0.04	-0.01	<b>0.02</b>	10.72	CO 17
	591	0.000	Min M <sub>y</sub>	-13.29	15.35	0.63	0.02	<b>-0.13</b>	4.70	CO 9
	591	0.000	Max M <sub>z</sub>	-67.26	9.68	0.35	0.01	-0.07	<b>12.55</b>	CO 19
	591	0.000	Min M <sub>z</sub>	1.10	-10.74	0.05	0.04	-0.05	<b>-3.80</b>	CO 8
2261	1694	0.000	max N	<b>-0.93</b>	0.00	-4.07	0.00	1.06	0.00	CO 12
			min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	-0.94	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.94	<b>0.00</b>	-4.07	0.00	1.06	0.00	CO 10
			max V <sub>z</sub>	-0.94	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.93	0.00	<b>-4.07</b>	0.00	1.06	0.00	CO 12
			max M <sub>T</sub>	-0.94	0.00	-4.07	<b>0.00</b>	1.06	0.00	CO 8
			min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.93	0.00	-4.07	0.00	<b>1.06</b>	0.00	CO 12
			min M <sub>y</sub>	-0.94	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-0.94	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.94	0.00	-4.07	0.00	1.06	<b>0.00</b>	CO 10
	1915	0.522	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1915	0.522	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1694	0.000	Min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1694	0.000	Max V <sub>y</sub>	-0.94	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 9
	1694	0.000	Min V <sub>y</sub>	-0.94	<b>0.00</b>	-4.07	0.00	1.06	0.00	CO 10
	1915	0.522	Max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
	1694	0.000	Min V <sub>z</sub>	-0.93	0.00	<b>-4.07</b>	0.00	1.06	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1694	0.000	Max M <sub>T</sub>	-0.94	0.00	-4.07	<b>0.00</b>	1.06	0.00	CO 8
	1694	0.000	Min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	1694	0.000	Max M <sub>y</sub>	-0.93	0.00	-4.07	0.00	<b>1.06</b>	0.00	CO 12
	1915	0.522	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
	1694	0.000	Max M <sub>z</sub>	-0.94	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 9
	1694	0.000	Min M <sub>z</sub>	-0.94	0.00	-4.07	0.00	1.06	<b>0.00</b>	CO 10
2262	1933	0.000	max N	<b>83.81</b>	-0.01	4.27	-0.01	-3.31	-0.01	CO 17
			min N	<b>1.09</b>	0.00	-0.21	0.02	0.18	0.01	CO 9
			max V <sub>y</sub>	1.09	<b>0.00</b>	-0.21	0.02	0.18	0.01	CO 9
			min V <sub>y</sub>	68.25	<b>-0.18</b>	0.11	-0.14	0.03	-0.25	CO 12
			max V <sub>z</sub>	83.81	-0.01	<b>4.27</b>	-0.01	-3.31	-0.01	CO 17
			min V <sub>z</sub>	13.37	-0.17	<b>-2.53</b>	-0.13	2.17	-0.24	CO 8
			max M <sub>T</sub>	1.09	0.00	-0.21	<b>0.02</b>	0.18	0.01	CO 9
			min M <sub>T</sub>	68.25	-0.18	0.11	<b>-0.14</b>	0.03	-0.25	CO 12
			max M <sub>y</sub>	13.37	-0.17	-2.53	-0.13	<b>2.17</b>	-0.24	CO 8
			min M <sub>y</sub>	83.81	-0.01	4.27	-0.01	<b>-3.31</b>	-0.01	CO 17
			max M <sub>z</sub>	1.09	0.00	-0.21	0.02	0.18	<b>0.01</b>	CO 9
			min M <sub>z</sub>	68.25	-0.18	0.11	-0.14	0.03	<b>-0.25</b>	CO 12
	1508	1.129	max N	<b>83.68</b>	-0.01	3.93	-0.01	1.24	0.00	CO 17
			min N	<b>0.96</b>	0.00	-0.39	0.02	-0.16	0.01	CO 9
			max V <sub>y</sub>	0.96	<b>0.00</b>	-0.39	0.02	-0.16	0.01	CO 9
			min V <sub>y</sub>	34.70	<b>-0.16</b>	-1.69	-0.14	-0.46	-0.05	CO 10
			max V <sub>z</sub>	83.68	-0.01	<b>3.93</b>	-0.01	1.24	0.00	CO 17
			min V <sub>z</sub>	13.24	-0.16	<b>-2.69</b>	-0.13	-0.77	-0.05	CO 8
			max M <sub>T</sub>	0.96	0.00	-0.39	<b>0.02</b>	-0.16	0.01	CO 9
			min M <sub>T</sub>	68.12	-0.16	-0.06	<b>-0.14</b>	0.06	-0.06	CO 12
			max M <sub>y</sub>	83.68	-0.01	3.93	-0.01	<b>1.24</b>	0.00	CO 17
			min M <sub>y</sub>	13.24	-0.16	-2.69	-0.13	<b>-0.77</b>	-0.05	CO 8
			max M <sub>z</sub>	22.40	-0.01	0.62	0.02	0.15	<b>0.01</b>	CO 11
			min M <sub>z</sub>	46.65	-0.16	-1.05	-0.14	-0.25	<b>-0.06</b>	CO 14
	1933	0.000	Max N	<b>83.81</b>	-0.01	4.27	-0.01	-3.31	-0.01	CO 17
	1508	1.129	Min N	<b>0.96</b>	0.00	-0.39	0.02	-0.16	0.01	CO 9
	1508	1.129	Max V <sub>y</sub>	0.96	<b>0.00</b>	-0.39	0.02	-0.16	0.01	CO 9
	1933	0.000	Min V <sub>y</sub>	68.25	<b>-0.18</b>	0.11	-0.14	0.03	-0.25	CO 12
	1933	0.000	Max V <sub>z</sub>	83.81	-0.01	<b>4.27</b>	-0.01	-3.31	-0.01	CO 17
	1508	1.129	Min V <sub>z</sub>	13.24	-0.16	<b>-2.69</b>	-0.13	-0.77	-0.05	CO 8
	1933	0.000	Max M <sub>T</sub>	1.09	0.00	-0.21	<b>0.02</b>	0.18	0.01	CO 9
	1933	0.000	Min M <sub>T</sub>	68.25	-0.18	0.11	<b>-0.14</b>	0.03	-0.25	CO 12
	1933	0.000	Max M <sub>y</sub>	13.37	-0.17	-2.53	-0.13	<b>2.17</b>	-0.24	CO 8
	1933	0.000	Min M <sub>y</sub>	83.81	-0.01	4.27	-0.01	<b>-3.31</b>	-0.01	CO 17
	1508	1.129	Max M <sub>z</sub>	22.40	-0.01	0.62	0.02	0.15	<b>0.01</b>	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1933	0.000	Min M <sub>z</sub>	68.25	-0.18	0.11	-0.14	0.03	<b>-0.25</b>	CO 12
2263	1508	0.000	max N	<b>0.01</b>	0.00	-0.02	0.00	-0.01	0.01	CO 9
			min N	<b>-88.00</b>	-0.01	0.41	0.00	0.35	-0.01	CO 17
			max V <sub>y</sub>	0.01	<b>0.00</b>	-0.02	0.00	-0.01	0.01	CO 9
			min V <sub>y</sub>	-30.50	<b>-0.15</b>	0.67	0.00	-0.29	-0.10	CO 10
			max V <sub>z</sub>	-65.89	-0.15	<b>0.84</b>	0.00	-0.16	-0.10	CO 12
			min V <sub>z</sub>	0.01	0.00	<b>-0.02</b>	0.00	-0.01	0.01	CO 9
			max M <sub>T</sub>	-43.28	-0.14	0.71	<b>0.00</b>	-0.23	-0.10	CO 14
			min M <sub>T</sub>	-22.56	-0.01	0.09	<b>0.00</b>	0.07	0.00	CO 11
			max M <sub>y</sub>	-88.00	-0.01	0.41	0.00	<b>0.35</b>	-0.01	CO 17
			min M <sub>y</sub>	-7.92	-0.15	0.56	0.00	<b>-0.37</b>	-0.10	CO 8
			max M <sub>z</sub>	0.01	0.00	-0.02	0.00	-0.01	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-65.89	-0.15	0.84	0.00	-0.16	<b>-0.10</b>	CO 12
	1938	1.129	max N	<b>0.14</b>	0.00	-0.20	0.00	-0.14	0.01	CO 9
			min N	<b>-87.88</b>	-0.01	0.13	0.00	0.66	0.01	CO 17
			max V <sub>y</sub>	0.14	<b>0.00</b>	-0.20	0.00	-0.14	0.01	CO 9
			min V <sub>y</sub>	-30.37	<b>-0.15</b>	0.49	0.00	0.37	0.07	CO 10
			max V <sub>z</sub>	-65.76	-0.15	<b>0.62</b>	0.00	0.67	0.07	CO 12
			min V <sub>z</sub>	0.14	0.00	<b>-0.20</b>	0.00	-0.14	0.01	CO 9
			max M <sub>T</sub>	-43.15	-0.15	0.52	<b>0.00</b>	0.47	0.07	CO 14
			min M <sub>T</sub>	-22.44	-0.01	-0.09	<b>0.00</b>	0.07	0.01	CO 11
			max M <sub>y</sub>	-83.72	-0.09	0.46	0.00	<b>0.75</b>	0.04	CO 18
			min M <sub>y</sub>	0.14	0.00	-0.20	0.00	<b>-0.14</b>	0.01	CO 9
			max M <sub>z</sub>	-30.37	-0.15	0.49	0.00	0.37	<b>0.07</b>	CO 10
			min M <sub>z</sub>	-65.23	-0.01	0.04	0.00	0.46	<b>0.00</b>	CO 16
	1938	1.129	Max N	<b>0.14</b>	0.00	-0.20	0.00	-0.14	0.01	CO 9
	1508	0.000	Min N	<b>-88.00</b>	-0.01	0.41	0.00	0.35	-0.01	CO 17
	1938	1.129	Max V <sub>y</sub>	0.14	<b>0.00</b>	-0.20	0.00	-0.14	0.01	CO 9
		0.677	Min V <sub>y</sub>	-30.42	<b>-0.15</b>	0.57	0.00	0.13	0.00	CO 10
	1508	0.000	Max V <sub>z</sub>	-65.89	-0.15	<b>0.84</b>	0.00	-0.16	-0.10	CO 12
	1938	1.129	Min V <sub>z</sub>	0.14	0.00	<b>-0.20</b>	0.00	-0.14	0.01	CO 9
	1938	1.129	Max M <sub>T</sub>	-43.15	-0.15	0.52	<b>0.00</b>	0.47	0.07	CO 14
		0.452	Min M <sub>T</sub>	-22.51	-0.01	0.02	<b>0.00</b>	0.09	0.01	CO 11
	1938	1.129	Max M <sub>y</sub>	-83.72	-0.09	0.46	0.00	<b>0.75</b>	0.04	CO 18
	1508	0.000	Min M <sub>y</sub>	-7.92	-0.15	0.56	0.00	<b>-0.37</b>	-0.10	CO 8
	1938	1.129	Max M <sub>z</sub>	-30.37	-0.15	0.49	0.00	0.37	<b>0.07</b>	CO 10
	1508	0.000	Min M <sub>z</sub>	-65.89	-0.15	0.84	0.00	-0.16	<b>-0.10</b>	CO 12
2264	1938	0.000	max N	<b>8.63</b>	0.01	-0.18	0.00	0.54	0.00	CO 19
			min N	<b>2.01</b>	0.01	-0.24	-0.02	0.22	0.01	CO 8
			max V <sub>y</sub>	4.18	<b>0.01</b>	-0.26	-0.02	0.33	0.01	CO 10
			min V <sub>y</sub>	6.29	<b>0.00</b>	-0.10	0.00	0.42	0.00	CO 16

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	3.35	0.00	<b>0.00</b>	0.00	0.13	0.00	CO 1
			min V <sub>z</sub>	6.21	0.01	<b>-0.33</b>	-0.02	0.54	0.00	CO 12
			max M <sub>T</sub>	3.66	0.01	-0.10	<b>0.01</b>	0.13	0.00	CO 9
			min M <sub>T</sub>	6.21	0.01	-0.33	<b>-0.02</b>	0.54	0.00	CO 12
			max M <sub>y</sub>	7.59	0.01	-0.27	-0.01	<b>0.59</b>	0.00	CO 18
			min M <sub>y</sub>	3.66	0.01	-0.10	0.01	<b>0.13</b>	0.00	CO 9
			max M <sub>z</sub>	4.18	0.01	-0.26	-0.02	0.33	<b>0.01</b>	CO 10
			min M <sub>z</sub>	6.29	0.00	-0.10	0.00	0.42	<b>0.00</b>	CO 16
	1521	1.129	max N	<b>8.49</b>	0.01	-0.35	0.00	0.24	-0.01	CO 19
			min N	<b>1.88</b>	0.01	-0.42	-0.02	-0.15	-0.01	CO 8
			max V <sub>y</sub>	4.04	<b>0.01</b>	-0.43	-0.02	-0.05	-0.01	CO 10
			min V <sub>y</sub>	6.15	<b>0.00</b>	-0.27	0.00	0.21	0.00	CO 16
			max V <sub>z</sub>	3.21	0.00	<b>-0.17</b>	0.00	0.03	0.00	CO 1
			min V <sub>z</sub>	6.07	0.01	<b>-0.50</b>	-0.02	0.07	-0.01	CO 12
			max M <sub>T</sub>	3.52	0.01	-0.28	<b>0.01</b>	-0.09	-0.01	CO 9
			min M <sub>T</sub>	6.07	0.01	-0.50	<b>-0.02</b>	0.07	-0.01	CO 12
			max M <sub>y</sub>	8.26	0.00	-0.29	0.00	<b>0.31</b>	0.00	CO 17
			min M <sub>y</sub>	1.88	0.01	-0.42	-0.02	<b>-0.15</b>	-0.01	CO 8
			max M <sub>z</sub>	6.15	0.00	-0.27	0.00	0.21	<b>0.00</b>	CO 16
			min M <sub>z</sub>	7.78	0.01	-0.36	0.01	0.13	<b>-0.01</b>	CO 13
	1938	0.000	Max N	<b>8.63</b>	0.01	-0.18	0.00	0.54	0.00	CO 19
	1521	1.129	Min N	<b>1.88</b>	0.01	-0.42	-0.02	-0.15	-0.01	CO 8
	1938	0.000	Max V <sub>y</sub>	4.18	<b>0.01</b>	-0.26	-0.02	0.33	0.01	CO 10
	1938	0.000	Min V <sub>y</sub>	6.29	<b>0.00</b>	-0.10	0.00	0.42	0.00	CO 16
	1938	0.000	Max V <sub>z</sub>	3.35	0.00	<b>0.00</b>	0.00	0.13	0.00	CO 1
	1521	1.129	Min V <sub>z</sub>	6.07	0.01	<b>-0.50</b>	-0.02	0.07	-0.01	CO 12
	1938	0.000	Max M <sub>T</sub>	3.66	0.01	-0.10	<b>0.01</b>	0.13	0.00	CO 9
	1938	0.000	Min M <sub>T</sub>	6.21	0.01	-0.33	<b>-0.02</b>	0.54	0.00	CO 12
	1938	0.000	Max M <sub>y</sub>	7.59	0.01	-0.27	-0.01	<b>0.59</b>	0.00	CO 18
	1521	1.129	Min M <sub>y</sub>	1.88	0.01	-0.42	-0.02	<b>-0.15</b>	-0.01	CO 8
	1938	0.000	Max M <sub>z</sub>	4.18	0.01	-0.26	-0.02	0.33	<b>0.01</b>	CO 10
	1521	1.129	Min M <sub>z</sub>	7.78	0.01	-0.36	0.01	0.13	<b>-0.01</b>	CO 13
2265	1521	0.000	max N	<b>-0.83</b>	0.01	-0.01	0.00	0.06	-0.02	CO 8
			min N	<b>-8.36</b>	0.03	0.10	0.00	0.22	0.01	CO 19
			max V <sub>y</sub>	-7.35	<b>0.03</b>	-0.02	0.00	0.32	-0.01	CO 18
			min V <sub>y</sub>	-2.31	<b>0.01</b>	0.04	0.00	0.05	0.00	CO 1
			max V <sub>z</sub>	-4.83	0.02	<b>0.20</b>	0.00	0.02	0.01	CO 15
			min V <sub>z</sub>	-3.33	0.02	<b>-0.06</b>	0.00	0.15	-0.01	CO 10
			max M <sub>T</sub>	-7.38	0.03	0.14	<b>0.00</b>	0.11	0.02	CO 13
			min M <sub>T</sub>	-0.83	0.01	-0.01	<b>0.00</b>	0.06	-0.02	CO 8
			max M <sub>y</sub>	-7.35	0.03	-0.02	0.00	<b>0.32</b>	-0.01	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-2.53	0.02	0.18	0.00	<b>-0.10</b>	0.02	CO 9
			max M <sub>z</sub>	-5.03	0.03	0.12	0.00	-0.01	<b>0.02</b>	CO 11
			min M <sub>z</sub>	-3.13	0.02	0.01	0.00	0.18	<b>-0.02</b>	CO 14
	1936	1.129	max N	<b>-0.70</b>	0.01	-0.19	0.00	-0.05	-0.03	CO 8
			min N	<b>-8.24</b>	0.03	-0.09	0.00	0.23	-0.03	CO 19
			max V <sub>y</sub>	-7.22	<b>0.03</b>	-0.20	0.00	0.20	-0.05	CO 18
			min V <sub>y</sub>	-2.19	<b>0.01</b>	-0.14	0.00	0.00	-0.01	CO 1
			max V <sub>z</sub>	-4.70	0.02	<b>0.02</b>	0.00	0.14	-0.01	CO 15
			min V <sub>z</sub>	-3.20	0.02	<b>-0.24</b>	0.00	-0.02	-0.04	CO 10
			max M <sub>T</sub>	-7.26	0.03	-0.04	<b>0.00</b>	0.17	-0.02	CO 13
			min M <sub>T</sub>	-0.70	0.01	-0.19	<b>0.00</b>	-0.05	-0.03	CO 8
			max M <sub>y</sub>	-8.24	0.03	-0.09	0.00	<b>0.23</b>	-0.03	CO 19
			min M <sub>y</sub>	-0.70	0.01	-0.19	0.00	<b>-0.05</b>	-0.03	CO 8
			max M <sub>z</sub>	-2.41	0.02	0.00	0.00	0.00	<b>-0.01</b>	CO 9
			min M <sub>z</sub>	-5.57	0.03	-0.23	0.00	0.12	<b>-0.05</b>	CO 12
	1936	1.129	Max N	<b>-0.70</b>	0.01	-0.19	0.00	-0.05	-0.03	CO 8
	1521	0.000	Min N	<b>-8.36</b>	0.03	0.10	0.00	0.22	0.01	CO 19
	1521	0.000	Max V <sub>y</sub>	-7.35	<b>0.03</b>	-0.02	0.00	0.32	-0.01	CO 18
	1936	1.129	Min V <sub>y</sub>	-2.19	<b>0.01</b>	-0.14	0.00	0.00	-0.01	CO 1
	1521	0.000	Max V <sub>z</sub>	-4.83	0.02	<b>0.20</b>	0.00	0.02	0.01	CO 15
	1936	1.129	Min V <sub>z</sub>	-3.20	0.02	<b>-0.24</b>	0.00	-0.02	-0.04	CO 10
	1521	0.000	Max M <sub>T</sub>	-7.38	0.03	0.14	<b>0.00</b>	0.11	0.02	CO 13
	1521	0.000	Min M <sub>T</sub>	-0.83	0.01	-0.01	<b>0.00</b>	0.06	-0.02	CO 8
	1521	0.000	Max M <sub>y</sub>	-7.35	0.03	-0.02	0.00	<b>0.32</b>	-0.01	CO 18
	1521	0.000	Min M <sub>y</sub>	-2.53	0.02	0.18	0.00	<b>-0.10</b>	0.02	CO 9
	1521	0.000	Max M <sub>z</sub>	-5.03	0.03	0.12	0.00	-0.01	<b>0.02</b>	CO 11
	1936	1.129	Min M <sub>z</sub>	-5.57	0.03	-0.23	0.00	0.12	<b>-0.05</b>	CO 12
2266	1936	0.000	max N	<b>-0.92</b>	0.02	-0.41	0.01	0.23	0.02	CO 9
			min N	<b>-93.34</b>	0.03	-1.32	0.01	1.47	0.03	CO 17
			max V <sub>y</sub>	-61.58	<b>0.04</b>	-1.33	0.01	1.18	0.04	CO 13
			min V <sub>y</sub>	-14.72	<b>-0.02</b>	0.10	0.00	0.15	0.01	CO 8
			max V <sub>z</sub>	-14.72	-0.02	<b>0.10</b>	0.00	0.15	0.01	CO 8
			min V <sub>z</sub>	-83.74	0.04	<b>-1.44</b>	0.01	1.42	0.04	CO 19
			max M <sub>T</sub>	-61.58	0.04	-1.33	<b>0.01</b>	1.18	0.04	CO 13
			min M <sub>T</sub>	-14.72	-0.02	0.10	<b>0.00</b>	0.15	0.01	CO 8
			max M <sub>y</sub>	-93.34	0.03	-1.32	0.01	<b>1.47</b>	0.03	CO 17
			min M <sub>y</sub>	-14.72	-0.02	0.10	0.00	<b>0.15</b>	0.01	CO 8
			max M <sub>z</sub>	-83.74	0.04	-1.44	0.01	1.42	<b>0.04</b>	CO 19
			min M <sub>z</sub>	-14.72	-0.02	0.10	0.00	0.15	<b>0.01</b>	CO 8
	1510	1.129	max N	<b>-1.05</b>	0.02	-0.59	0.01	-0.34	-0.01	CO 9
			min N	<b>-93.48</b>	0.03	-1.62	0.01	-0.22	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-61.71	<b>0.04</b>	-1.55	0.01	-0.47	-0.01	CO 13
			min V <sub>y</sub>	-14.85	<b>-0.02</b>	-0.08	0.00	0.17	0.02	CO 8
			max V <sub>z</sub>	-14.85	-0.02	<b>-0.08</b>	0.00	0.17	0.02	CO 8
			min V <sub>z</sub>	-83.87	0.04	<b>-1.70</b>	0.01	-0.38	-0.01	CO 19
			max M <sub>T</sub>	-61.71	0.04	-1.55	<b>0.01</b>	-0.47	-0.01	CO 13
			min M <sub>T</sub>	-14.85	-0.02	-0.08	<b>0.00</b>	0.17	0.02	CO 8
			max M <sub>y</sub>	-14.85	-0.02	-0.08	0.00	<b>0.17</b>	0.02	CO 8
			min M <sub>y</sub>	-61.71	0.04	-1.55	0.01	<b>-0.47</b>	-0.01	CO 13
			max M <sub>z</sub>	-75.56	0.00	-1.07	0.00	0.03	<b>0.03</b>	CO 12
			min M <sub>z</sub>	-61.71	0.04	-1.55	0.01	-0.47	<b>-0.01</b>	CO 13
	1936	0.000	Max N	<b>-0.92</b>	0.02	-0.41	0.01	0.23	0.02	CO 9
	1510	1.129	Min N	<b>-93.48</b>	0.03	-1.62	0.01	-0.22	0.00	CO 17
		0.903	Max V <sub>y</sub>	-61.69	<b>0.04</b>	-1.52	0.01	-0.12	0.00	CO 13
	1936	0.000	Min V <sub>y</sub>	-14.72	<b>-0.02</b>	0.10	0.00	0.15	0.01	CO 8
	1936	0.000	Max V <sub>z</sub>	-14.72	-0.02	<b>0.10</b>	0.00	0.15	0.01	CO 8
	1510	1.129	Min V <sub>z</sub>	-83.87	0.04	<b>-1.70</b>	0.01	-0.38	-0.01	CO 19
	1936	0.000	Max M <sub>T</sub>	-61.58	0.04	-1.33	<b>0.01</b>	1.18	0.04	CO 13
		0.677	Min M <sub>T</sub>	-14.80	-0.02	0.00	<b>0.00</b>	0.18	0.02	CO 8
	1936	0.000	Max M <sub>y</sub>	-93.34	0.03	-1.32	0.01	<b>1.47</b>	0.03	CO 17
	1510	1.129	Min M <sub>y</sub>	-61.71	0.04	-1.55	0.01	<b>-0.47</b>	-0.01	CO 13
	1936	0.000	Max M <sub>z</sub>	-83.74	0.04	-1.44	0.01	1.42	<b>0.04</b>	CO 19
	1510	1.129	Min M <sub>z</sub>	-61.71	0.04	-1.55	0.01	-0.47	<b>-0.01</b>	CO 13
2267	1510	0.000	max N	<b>94.07</b>	0.01	-1.55	-0.01	0.60	0.02	CO 17
			min N	<b>5.22</b>	0.01	2.04	0.00	-0.62	0.03	CO 9
			max V <sub>y</sub>	65.91	<b>0.02</b>	0.96	0.00	-0.20	0.04	CO 13
			min V <sub>y</sub>	12.36	<b>-0.03</b>	-1.94	-0.04	0.50	0.00	CO 8
			max V <sub>z</sub>	5.22	0.01	<b>2.04</b>	0.00	-0.62	0.03	CO 9
			min V <sub>z</sub>	73.03	-0.03	<b>-3.04</b>	-0.05	0.91	0.01	CO 12
			max M <sub>T</sub>	5.22	0.01	2.04	<b>0.00</b>	-0.62	0.03	CO 9
			min M <sub>T</sub>	73.03	-0.03	-3.04	<b>-0.05</b>	0.91	0.01	CO 12
			max M <sub>y</sub>	73.03	-0.03	-3.04	-0.05	<b>0.91</b>	0.01	CO 12
			min M <sub>y</sub>	5.22	0.01	2.04	0.00	<b>-0.62</b>	0.03	CO 9
			max M <sub>z</sub>	65.91	0.02	0.96	0.00	-0.20	<b>0.04</b>	CO 13
			min M <sub>z</sub>	12.36	-0.03	-1.94	-0.04	0.50	<b>0.00</b>	CO 8
	1932	1.129	max N	<b>94.19</b>	0.01	-1.79	-0.01	-1.25	0.01	CO 17
			min N	<b>5.34</b>	0.01	1.86	0.00	1.58	0.01	CO 9
			max V <sub>y</sub>	66.04	<b>0.01</b>	0.82	0.00	0.78	0.02	CO 13
			min V <sub>y</sub>	73.15	<b>-0.03</b>	-3.35	-0.05	-2.64	0.05	CO 12
			max V <sub>z</sub>	5.34	0.01	<b>1.86</b>	0.00	1.58	0.01	CO 9
			min V <sub>z</sub>	73.15	-0.03	<b>-3.35</b>	-0.05	-2.64	0.05	CO 12
			max M <sub>T</sub>	5.34	0.01	1.86	<b>0.00</b>	1.58	0.01	CO 9



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	73.15	-0.03	-3.35	<b>-0.05</b>	-2.64	0.05	CO 12
			max M <sub>y</sub>	5.34	0.01	1.86	0.00	<b>1.58</b>	0.01	CO 9
			min M <sub>y</sub>	73.15	-0.03	-3.35	-0.05	<b>-2.64</b>	0.05	CO 12
			max M <sub>z</sub>	73.15	-0.03	-3.35	-0.05	-2.64	<b>0.05</b>	CO 12
			min M <sub>z</sub>	17.92	0.00	-0.25	0.00	-0.14	<b>0.00</b>	CO 1
	1932	1.129	Max N	<b>94.19</b>	0.01	-1.79	-0.01	-1.25	0.01	CO 17
	1510	0.000	Min N	<b>5.22</b>	0.01	2.04	0.00	-0.62	0.03	CO 9
	1510	0.000	Max V <sub>y</sub>	65.91	<b>0.02</b>	0.96	0.00	-0.20	0.04	CO 13
	1932	1.129	Min V <sub>y</sub>	73.15	<b>-0.03</b>	-3.35	-0.05	-2.64	0.05	CO 12
	1510	0.000	Max V <sub>z</sub>	5.22	0.01	<b>2.04</b>	0.00	-0.62	0.03	CO 9
	1932	1.129	Min V <sub>z</sub>	73.15	-0.03	<b>-3.35</b>	-0.05	-2.64	0.05	CO 12
	1510	0.000	Max M <sub>T</sub>	5.22	0.01	2.04	<b>0.00</b>	-0.62	0.03	CO 9
	1510	0.000	Min M <sub>T</sub>	73.03	-0.03	-3.04	<b>-0.05</b>	0.91	0.01	CO 12
	1932	1.129	Max M <sub>y</sub>	5.34	0.01	1.86	0.00	<b>1.58</b>	0.01	CO 9
	1932	1.129	Min M <sub>y</sub>	73.15	-0.03	-3.35	-0.05	<b>-2.64</b>	0.05	CO 12
	1932	1.129	Max M <sub>z</sub>	73.15	-0.03	-3.35	-0.05	-2.64	<b>0.05</b>	CO 12
	1510	0.000	Min M <sub>z</sub>	12.36	-0.03	-1.94	-0.04	0.50	<b>0.00</b>	CO 8
2268	1934	0.000	max N	<b>65.81</b>	0.00	2.56	0.00	-2.04	-0.01	CO 17
			min N	<b>-5.08</b>	0.01	-0.23	0.00	0.17	0.01	CO 9
			max V <sub>y</sub>	51.94	<b>0.19</b>	-0.80	0.16	0.77	0.23	CO 12
			min V <sub>y</sub>	57.38	<b>0.00</b>	2.16	0.00	-1.76	0.00	CO 19
			max V <sub>z</sub>	65.81	0.00	<b>2.56</b>	0.00	-2.04	-0.01	CO 17
			min V <sub>z</sub>	6.89	0.18	<b>-2.40</b>	0.16	2.11	0.23	CO 8
			max M <sub>T</sub>	6.89	0.18	-2.40	<b>0.16</b>	2.11	0.23	CO 8
			min M <sub>T</sub>	65.81	0.00	2.56	<b>0.00</b>	-2.04	-0.01	CO 17
			max M <sub>y</sub>	6.89	0.18	-2.40	0.16	<b>2.11</b>	0.23	CO 8
			min M <sub>y</sub>	65.81	0.00	2.56	0.00	<b>-2.04</b>	-0.01	CO 17
			max M <sub>z</sub>	34.61	0.19	-1.41	0.16	1.28	<b>0.23</b>	CO 14
			min M <sub>z</sub>	65.81	0.00	2.56	0.00	-2.04	<b>-0.01</b>	CO 17
	1509	1.129	max N	<b>65.68</b>	0.00	2.30	0.00	0.67	0.00	CO 17
			min N	<b>-5.22</b>	0.01	-0.40	0.00	-0.18	0.01	CO 9
			max V <sub>y</sub>	6.76	<b>0.18</b>	-2.56	0.16	-0.68	0.03	CO 8
			min V <sub>y</sub>	57.25	<b>0.00</b>	1.92	0.00	0.52	0.00	CO 19
			max V <sub>z</sub>	65.68	0.00	<b>2.30</b>	0.00	0.67	0.00	CO 17
			min V <sub>z</sub>	6.76	0.18	<b>-2.56</b>	0.16	-0.68	0.03	CO 8
			max M <sub>T</sub>	51.81	0.18	-0.95	<b>0.16</b>	-0.21	0.03	CO 12
			min M <sub>T</sub>	65.68	0.00	2.30	<b>0.00</b>	0.67	0.00	CO 17
			max M <sub>y</sub>	65.68	0.00	2.30	0.00	<b>0.67</b>	0.00	CO 17
			min M <sub>y</sub>	6.76	0.18	-2.56	0.16	<b>-0.68</b>	0.03	CO 8
			max M <sub>z</sub>	6.76	0.18	-2.56	0.16	-0.68	<b>0.03</b>	CO 8
			min M <sub>z</sub>	65.68	0.00	2.30	0.00	0.67	<b>0.00</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1934	0.000	Max N	<b>65.81</b>	0.00	2.56	0.00	-2.04	-0.01	CO 17
	1509	1.129	Min N	<b>-5.22</b>	0.01	-0.40	0.00	-0.18	0.01	CO 9
	1934	0.000	Max V <sub>y</sub>	51.94	<b>0.19</b>	-0.80	0.16	0.77	0.23	CO 12
	1509	1.129	Min V <sub>y</sub>	57.25	<b>0.00</b>	1.92	0.00	0.52	0.00	CO 19
	1934	0.000	Max V <sub>z</sub>	65.81	0.00	<b>2.56</b>	0.00	-2.04	-0.01	CO 17
	1509	1.129	Min V <sub>z</sub>	6.76	0.18	<b>-2.56</b>	0.16	-0.68	0.03	CO 8
	1934	0.000	Max M <sub>T</sub>	6.89	0.18	-2.40	<b>0.16</b>	2.11	0.23	CO 8
	1509	1.129	Min M <sub>T</sub>	65.68	0.00	2.30	<b>0.00</b>	0.67	0.00	CO 17
	1934	0.000	Max M <sub>y</sub>	6.89	0.18	-2.40	0.16	<b>2.11</b>	0.23	CO 8
	1934	0.000	Min M <sub>y</sub>	65.81	0.00	2.56	0.00	<b>-2.04</b>	-0.01	CO 17
	1934	0.000	Max M <sub>z</sub>	34.61	0.19	-1.41	0.16	1.28	<b>0.23</b>	CO 14
	1934	0.000	Min M <sub>z</sub>	65.81	0.00	2.56	0.00	-2.04	<b>-0.01</b>	CO 17
2270	1509	0.000	max N	<b>6.14</b>	0.01	0.06	0.00	-0.05	0.00	CO 9
			min N	<b>-67.12</b>	0.00	1.02	0.00	-0.03	0.00	CO 17
			max V <sub>y</sub>	-1.79	<b>0.16</b>	0.53	0.00	-0.33	0.12	CO 8
			min V <sub>y</sub>	-58.27	<b>0.00</b>	0.94	0.00	-0.06	0.00	CO 19
			max V <sub>z</sub>	-63.05	0.10	<b>1.23</b>	0.00	-0.23	0.07	CO 18
			min V <sub>z</sub>	6.14	0.01	<b>0.06</b>	0.00	-0.05	0.00	CO 9
			max M <sub>T</sub>	-48.11	0.16	1.20	<b>0.00</b>	-0.36	0.12	CO 12
			min M <sub>T</sub>	-40.16	0.00	0.72	<b>0.00</b>	-0.08	0.00	CO 13
			max M <sub>y</sub>	-8.55	0.00	0.17	0.00	<b>0.01</b>	0.00	CO 1
			min M <sub>y</sub>	-48.11	0.16	1.20	0.00	<b>-0.36</b>	0.12	CO 12
			max M <sub>z</sub>	-1.79	0.16	0.53	0.00	-0.33	<b>0.12</b>	CO 8
			min M <sub>z</sub>	-67.12	0.00	1.02	0.00	-0.03	<b>0.00</b>	CO 17
	1939	1.129	max N	<b>6.26</b>	0.01	-0.13	0.00	-0.09	0.00	CO 9
			min N	<b>-66.99</b>	0.00	0.77	0.00	1.00	0.00	CO 17
			max V <sub>y</sub>	-1.66	<b>0.16</b>	0.35	0.00	0.17	-0.07	CO 8
			min V <sub>y</sub>	-58.14	<b>0.00</b>	0.71	0.00	0.89	0.00	CO 19
			max V <sub>z</sub>	-62.92	0.10	<b>1.00</b>	0.00	1.04	-0.04	CO 18
			min V <sub>z</sub>	6.26	0.01	<b>-0.13</b>	0.00	-0.09	0.00	CO 9
			max M <sub>T</sub>	-47.99	0.16	0.99	<b>0.01</b>	0.89	-0.07	CO 12
			min M <sub>T</sub>	-40.03	0.00	0.51	<b>0.00</b>	0.62	0.00	CO 13
			max M <sub>y</sub>	-62.92	0.10	1.00	0.00	<b>1.04</b>	-0.04	CO 18
			min M <sub>y</sub>	6.26	0.01	-0.13	0.00	<b>-0.09</b>	0.00	CO 9
			max M <sub>z</sub>	-58.14	0.00	0.71	0.00	0.89	<b>0.00</b>	CO 19
			min M <sub>z</sub>	-1.66	0.16	0.35	0.00	0.17	<b>-0.07</b>	CO 8
	1939	1.129	Max N	<b>6.26</b>	0.01	-0.13	0.00	-0.09	0.00	CO 9
	1509	0.000	Min N	<b>-67.12</b>	0.00	1.02	0.00	-0.03	0.00	CO 17
		0.677	Max V <sub>y</sub>	-48.04	<b>0.16</b>	1.09	0.01	0.42	0.01	CO 12
		0.452	Min V <sub>y</sub>	-58.22	<b>0.00</b>	0.87	0.00	0.35	0.00	CO 19
	1509	0.000	Max V <sub>z</sub>	-63.05	0.10	<b>1.23</b>	0.00	-0.23	0.07	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1939	1.129	Min V <sub>z</sub>	6.26	0.01	<b>-0.13</b>	0.00	-0.09	0.00	CO 9
	1939	1.129	Max M <sub>T</sub>	-47.99	0.16	0.99	<b>0.01</b>	0.89	-0.07	CO 12
	1939	1.129	Min M <sub>T</sub>	-40.03	0.00	0.51	<b>0.00</b>	0.62	0.00	CO 13
	1939	1.129	Max M <sub>y</sub>	-62.92	0.10	1.00	0.00	<b>1.04</b>	-0.04	CO 18
	1509	0.000	Min M <sub>y</sub>	-48.11	0.16	1.20	0.00	<b>-0.36</b>	0.12	CO 12
	1509	0.000	Max M <sub>z</sub>	-1.79	0.16	0.53	0.00	-0.33	<b>0.12</b>	CO 8
	1939	1.129	Min M <sub>z</sub>	-1.66	0.16	0.35	0.00	0.17	<b>-0.07</b>	CO 8
2273	1939	0.000	max N	<b>0.90</b>	0.00	-0.02	0.00	0.01	0.00	CO 9
			min N	<b>-1.23</b>	-0.03	0.07	0.02	0.12	-0.04	CO 12
			max V <sub>y</sub>	0.66	<b>0.00</b>	0.08	0.00	0.08	0.00	CO 13
			min V <sub>y</sub>	-1.23	<b>-0.03</b>	0.07	0.02	0.12	-0.04	CO 12
			max V <sub>z</sub>	0.23	0.00	<b>0.23</b>	0.00	0.09	0.00	CO 17
			min V <sub>z</sub>	-0.93	-0.02	<b>-0.03</b>	0.02	0.05	-0.04	CO 8
			max M <sub>T</sub>	-0.93	-0.02	-0.03	<b>0.02</b>	0.05	-0.04	CO 8
			min M <sub>T</sub>	0.23	0.00	0.23	<b>0.00</b>	0.09	0.00	CO 17
			max M <sub>y</sub>	-1.23	-0.03	0.07	0.02	<b>0.12</b>	-0.04	CO 12
			min M <sub>y</sub>	0.61	0.00	0.10	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.66	0.00	0.08	0.00	0.08	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-1.23	-0.03	0.07	0.02	0.12	<b>-0.04</b>	CO 12
	1524	1.129	max N	<b>0.76</b>	0.00	-0.19	0.00	-0.11	0.00	CO 9
			min N	<b>-1.36</b>	-0.03	-0.10	0.02	0.11	-0.01	CO 12
			max V <sub>y</sub>	0.52	<b>0.00</b>	-0.10	0.00	0.06	0.00	CO 13
			min V <sub>y</sub>	-1.36	<b>-0.03</b>	-0.10	0.02	0.11	-0.01	CO 12
			max V <sub>z</sub>	0.10	0.00	<b>0.05</b>	0.00	0.24	0.00	CO 17
			min V <sub>z</sub>	-1.06	-0.02	<b>-0.20</b>	0.02	-0.07	-0.01	CO 8
			max M <sub>T</sub>	-1.06	-0.02	-0.20	<b>0.02</b>	-0.07	-0.01	CO 8
			min M <sub>T</sub>	0.10	0.00	0.05	<b>0.00</b>	0.24	0.00	CO 17
			max M <sub>y</sub>	0.10	0.00	0.05	0.00	<b>0.24</b>	0.00	CO 17
			min M <sub>y</sub>	0.76	0.00	-0.19	0.00	<b>-0.11</b>	0.00	CO 9
			max M <sub>z</sub>	0.63	0.00	-0.13	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	-1.36	-0.03	-0.10	0.02	0.11	<b>-0.01</b>	CO 12
	1939	0.000	Max N	<b>0.90</b>	0.00	-0.02	0.00	0.01	0.00	CO 9
	1524	1.129	Min N	<b>-1.36</b>	-0.03	-0.10	0.02	0.11	-0.01	CO 12
	1524	1.129	Max V <sub>y</sub>	0.52	<b>0.00</b>	-0.10	0.00	0.06	0.00	CO 13
	1524	1.129	Min V <sub>y</sub>	-1.36	<b>-0.03</b>	-0.10	0.02	0.11	-0.01	CO 12
	1939	0.000	Max V <sub>z</sub>	0.23	0.00	<b>0.23</b>	0.00	0.09	0.00	CO 17
	1524	1.129	Min V <sub>z</sub>	-1.06	-0.02	<b>-0.20</b>	0.02	-0.07	-0.01	CO 8
	1939	0.000	Max M <sub>T</sub>	-0.93	-0.02	-0.03	<b>0.02</b>	0.05	-0.04	CO 8
	1524	1.129	Min M <sub>T</sub>	0.10	0.00	0.05	<b>0.00</b>	0.24	0.00	CO 17
	1524	1.129	Max M <sub>y</sub>	0.10	0.00	0.05	0.00	<b>0.24</b>	0.00	CO 17
	1524	1.129	Min M <sub>y</sub>	0.76	0.00	-0.19	0.00	<b>-0.11</b>	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1939	0.000	Max M <sub>z</sub>	0.66	0.00	0.08	0.00	0.08	<b>0.00</b>	CO 13
	1939	0.000	Min M <sub>z</sub>	-1.23	-0.03	0.07	0.02	0.12	<b>-0.04</b>	CO 12
2274	1928	0.000	max N	<b>-1.80</b>	0.00	8.35	0.00	-4.18	0.00	CO 8
			min N	<b>-1.81</b>	0.00	5.01	0.00	-2.50	0.00	CO 18
			max V <sub>y</sub>	-1.80	<b>0.00</b>	8.35	0.00	-4.18	0.00	CO 14
			min V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-1.80	0.00	<b>8.35</b>	0.00	-4.18	0.00	CO 8
			min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
			max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-1.80	0.00	8.35	<b>0.00</b>	-4.18	0.00	CO 12
			max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-1.80	0.00	8.35	0.00	<b>-4.18</b>	0.00	CO 8
			max M <sub>z</sub>	-1.80	0.00	8.35	0.00	-4.18	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 9
	1929	1.000	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1929	1.000	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1928	0.000	Min N	<b>-1.81</b>	0.00	5.01	0.00	-2.50	0.00	CO 18
	1928	0.000	Max V <sub>y</sub>	-1.80	<b>0.00</b>	8.35	0.00	-4.18	0.00	CO 14
	1928	0.000	Min V <sub>y</sub>	-1.80	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 9
	1928	0.000	Max V <sub>z</sub>	-1.80	0.00	<b>8.35</b>	0.00	-4.18	0.00	CO 8
	1928	0.000	Min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 13
	1928	0.000	Max M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	1928	0.000	Min M <sub>T</sub>	-1.80	0.00	8.35	<b>0.00</b>	-4.18	0.00	CO 12
	1928	0.000	Max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 13
	1928	0.000	Min M <sub>y</sub>	-1.80	0.00	8.35	0.00	<b>-4.18</b>	0.00	CO 8
	1928	0.000	Max M <sub>z</sub>	-1.80	0.00	8.35	0.00	-4.18	<b>0.00</b>	CO 14
	1928	0.000	Min M <sub>z</sub>	-1.80	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 9
2275	1524	0.000	max N	<b>1.99</b>	-0.03	-0.11	0.02	0.13	0.01	CO 8
			min N	<b>0.16</b>	0.00	-0.06	0.00	0.25	0.00	CO 17
			max V <sub>y</sub>	0.60	<b>0.00</b>	0.21	0.00	-0.13	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	1.99	<b>-0.03</b>	-0.11	0.02	0.13	0.01	CO 8
			max V <sub>z</sub>	0.60	0.00	<b>0.21</b>	0.00	-0.13	0.00	CO 9
			min V <sub>z</sub>	1.78	-0.02	<b>-0.21</b>	0.02	0.31	0.01	CO 12
			max M <sub>T</sub>	1.78	-0.02	-0.21	<b>0.02</b>	0.31	0.01	CO 12
			min M <sub>T</sub>	0.48	0.00	0.15	<b>0.00</b>	-0.01	0.00	CO 15
			max M <sub>y</sub>	1.08	-0.01	-0.16	0.01	<b>0.32</b>	0.01	CO 18
			min M <sub>y</sub>	0.60	0.00	0.21	0.00	<b>-0.13</b>	0.00	CO 9
			max M <sub>z</sub>	1.86	-0.02	-0.17	0.02	0.24	<b>0.01</b>	CO 14
			min M <sub>z</sub>	0.16	0.00	-0.06	0.00	0.25	<b>0.00</b>	CO 17
	1937	1.129	max N	<b>2.11</b>	-0.03	-0.29	0.02	-0.09	0.04	CO 8
			min N	<b>0.28</b>	0.00	-0.24	0.00	0.08	0.00	CO 17
			max V <sub>y</sub>	0.72	<b>0.00</b>	0.03	0.00	0.01	0.00	CO 9
			min V <sub>y</sub>	2.11	<b>-0.03</b>	-0.29	0.02	-0.09	0.04	CO 8
			max V <sub>z</sub>	0.72	0.00	<b>0.03</b>	0.00	0.01	0.00	CO 9
			min V <sub>z</sub>	1.90	-0.02	<b>-0.39</b>	0.02	-0.02	0.04	CO 12
			max M <sub>T</sub>	1.90	-0.02	-0.39	<b>0.02</b>	-0.02	0.04	CO 12
			min M <sub>T</sub>	0.61	0.00	-0.03	<b>0.00</b>	0.06	0.00	CO 15
			max M <sub>y</sub>	0.38	0.00	-0.15	0.00	<b>0.09</b>	0.00	CO 19
			min M <sub>y</sub>	2.11	-0.03	-0.29	0.02	<b>-0.09</b>	0.04	CO 8
			max M <sub>z</sub>	2.11	-0.03	-0.29	0.02	-0.09	<b>0.04</b>	CO 8
			min M <sub>z</sub>	0.28	0.00	-0.24	0.00	0.08	<b>0.00</b>	CO 17
	1937	1.129	Max N	<b>2.11</b>	-0.03	-0.29	0.02	-0.09	0.04	CO 8
	1524	0.000	Min N	<b>0.16</b>	0.00	-0.06	0.00	0.25	0.00	CO 17
	1937	1.129	Max V <sub>y</sub>	0.72	<b>0.00</b>	0.03	0.00	0.01	0.00	CO 9
	1937	1.129	Min V <sub>y</sub>	2.11	<b>-0.03</b>	-0.29	0.02	-0.09	0.04	CO 8
	1524	0.000	Max V <sub>z</sub>	0.60	0.00	<b>0.21</b>	0.00	-0.13	0.00	CO 9
	1937	1.129	Min V <sub>z</sub>	1.90	-0.02	<b>-0.39</b>	0.02	-0.02	0.04	CO 12
	1524	0.000	Max M <sub>T</sub>	1.78	-0.02	-0.21	<b>0.02</b>	0.31	0.01	CO 12
		0.903	Min M <sub>T</sub>	0.58	0.00	0.01	<b>0.00</b>	0.06	0.00	CO 15
	1524	0.000	Max M <sub>y</sub>	1.08	-0.01	-0.16	0.01	<b>0.32</b>	0.01	CO 18
	1524	0.000	Min M <sub>y</sub>	0.60	0.00	0.21	0.00	<b>-0.13</b>	0.00	CO 9
	1937	1.129	Max M <sub>z</sub>	2.11	-0.03	-0.29	0.02	-0.09	<b>0.04</b>	CO 8
	1937	1.129	Min M <sub>z</sub>	0.28	0.00	-0.24	0.00	0.08	<b>0.00</b>	CO 17
2276	1937	0.000	max N	<b>6.54</b>	-0.01	0.07	0.00	-0.07	0.00	CO 9
			min N	<b>-67.08</b>	0.00	-0.75	0.00	0.99	0.00	CO 17
			max V <sub>y</sub>	-24.65	<b>0.18</b>	0.36	0.00	0.13	0.08	CO 10
			min V <sub>y</sub>	6.54	<b>-0.01</b>	0.07	0.00	-0.07	0.00	CO 9
			max V <sub>z</sub>	-6.79	0.17	<b>0.60</b>	0.00	-0.15	0.07	CO 8
			min V <sub>z</sub>	-67.08	0.00	<b>-0.75</b>	0.00	0.99	0.00	CO 17
			max M <sub>T</sub>	-6.79	0.17	0.60	<b>0.00</b>	-0.15	0.07	CO 8
			min M <sub>T</sub>	-67.08	0.00	-0.75	<b>0.00</b>	0.99	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-67.08	0.00	-0.75	0.00	<b>0.99</b>	0.00	CO 17
			min M <sub>y</sub>	-6.79	0.17	0.60	0.00	<b>-0.15</b>	0.07	CO 8
			max M <sub>z</sub>	-24.65	0.18	0.36	0.00	0.13	<b>0.08</b>	CO 10
			min M <sub>z</sub>	6.54	-0.01	0.07	0.00	-0.07	<b>0.00</b>	CO 9
	1522	1.129	max N	<b>6.41</b>	-0.01	-0.10	0.00	-0.09	0.01	CO 9
			min N	<b>-67.21</b>	0.00	-0.99	0.00	-0.01	0.00	CO 17
			max V <sub>y</sub>	-24.79	<b>0.17</b>	0.17	0.00	0.42	-0.12	CO 10
			min V <sub>y</sub>	6.41	<b>-0.01</b>	-0.10	0.00	-0.09	0.01	CO 9
			max V <sub>z</sub>	-6.92	0.17	<b>0.42</b>	0.00	0.43	-0.12	CO 8
			min V <sub>z</sub>	-67.21	0.00	<b>-0.99</b>	0.00	-0.01	0.00	CO 17
			max M <sub>T</sub>	-6.92	0.17	0.42	<b>0.00</b>	0.43	-0.12	CO 8
			min M <sub>T</sub>	-67.21	0.00	-0.99	<b>0.00</b>	-0.01	0.00	CO 17
			max M <sub>y</sub>	-6.92	0.17	0.42	0.00	<b>0.43</b>	-0.12	CO 8
			min M <sub>y</sub>	-39.95	0.00	-0.74	0.00	<b>-0.10</b>	0.00	CO 13
			max M <sub>z</sub>	6.41	-0.01	-0.10	0.00	-0.09	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-53.36	0.17	-0.25	0.00	0.41	<b>-0.12</b>	CO 12
	1937	0.000	Max N	<b>6.54</b>	-0.01	0.07	0.00	-0.07	0.00	CO 9
	1522	1.129	Min N	<b>-67.21</b>	0.00	-0.99	0.00	-0.01	0.00	CO 17
		0.452	Max V <sub>y</sub>	-53.27	<b>0.18</b>	-0.11	0.00	0.53	0.00	CO 12
	1937	0.000	Min V <sub>y</sub>	6.54	<b>-0.01</b>	0.07	0.00	-0.07	0.00	CO 9
	1937	0.000	Max V <sub>z</sub>	-6.79	0.17	<b>0.60</b>	0.00	-0.15	0.07	CO 8
	1522	1.129	Min V <sub>z</sub>	-67.21	0.00	<b>-0.99</b>	0.00	-0.01	0.00	CO 17
	1522	1.129	Max M <sub>T</sub>	-6.92	0.17	0.42	<b>0.00</b>	0.43	-0.12	CO 8
	1937	0.000	Min M <sub>T</sub>	-67.08	0.00	-0.75	<b>0.00</b>	0.99	0.00	CO 17
	1937	0.000	Max M <sub>y</sub>	-67.08	0.00	-0.75	0.00	<b>0.99</b>	0.00	CO 17
	1937	0.000	Min M <sub>y</sub>	-6.79	0.17	0.60	0.00	<b>-0.15</b>	0.07	CO 8
	1937	0.000	Max M <sub>z</sub>	-24.65	0.18	0.36	0.00	0.13	<b>0.08</b>	CO 10
	1522	1.129	Min M <sub>z</sub>	-53.36	0.17	-0.25	0.00	0.41	<b>-0.12</b>	CO 12
2277	1522	0.000	max N	<b>65.56</b>	0.00	-2.41	0.00	0.71	0.00	CO 17
			min N	<b>-5.00</b>	-0.01	0.68	-0.01	-0.26	0.00	CO 9
			max V <sub>y</sub>	19.44	<b>0.19</b>	-3.67	0.17	1.04	-0.04	CO 10
			min V <sub>y</sub>	-5.00	<b>-0.01</b>	0.68	-0.01	-0.26	0.00	CO 9
			max V <sub>z</sub>	-5.00	-0.01	<b>0.68</b>	-0.01	-0.26	0.00	CO 9
			min V <sub>z</sub>	47.10	0.19	<b>-4.72</b>	0.17	1.35	-0.04	CO 12
			max M <sub>T</sub>	47.10	0.19	-4.72	<b>0.17</b>	1.35	-0.04	CO 12
			min M <sub>T</sub>	-5.00	-0.01	0.68	<b>-0.01</b>	-0.26	0.00	CO 9
			max M <sub>y</sub>	47.10	0.19	-4.72	0.17	<b>1.35</b>	-0.04	CO 12
			min M <sub>y</sub>	-5.00	-0.01	0.68	-0.01	<b>-0.26</b>	0.00	CO 9
			max M <sub>z</sub>	22.66	0.00	-0.35	-0.01	0.04	<b>0.00</b>	CO 15
			min M <sub>z</sub>	47.10	0.19	-4.72	0.17	1.35	<b>-0.04</b>	CO 12
	1931	1.129	max N	<b>65.68</b>	0.01	-2.68	0.00	-2.13	-0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-4.87</b>	-0.01	0.50	-0.01	0.41	0.01	CO 9
			max V <sub>y</sub>	47.21	<b>0.20</b>	-5.03	0.17	-4.11	-0.26	CO 12
			min V <sub>y</sub>	-4.87	<b>-0.01</b>	0.50	-0.01	0.41	0.01	CO 9
			max V <sub>z</sub>	-4.87	-0.01	<b>0.50</b>	-0.01	0.41	0.01	CO 9
			min V <sub>z</sub>	47.21	0.20	<b>-5.03</b>	0.17	-4.11	-0.26	CO 12
			max M <sub>T</sub>	47.21	0.20	-5.03	<b>0.17</b>	-4.11	-0.26	CO 12
			min M <sub>T</sub>	-4.87	-0.01	0.50	<b>-0.01</b>	0.41	0.01	CO 9
			max M <sub>y</sub>	-4.87	-0.01	0.50	-0.01	<b>0.41</b>	0.01	CO 9
			min M <sub>y</sub>	47.21	0.20	-5.03	0.17	<b>-4.11</b>	-0.26	CO 12
			max M <sub>z</sub>	-4.87	-0.01	0.50	-0.01	0.41	<b>0.01</b>	CO 9
			min M <sub>z</sub>	47.21	0.20	-5.03	0.17	-4.11	<b>-0.26</b>	CO 12
	1931	1.129	Max N	<b>65.68</b>	0.01	-2.68	0.00	-2.13	-0.01	CO 17
	1522	0.000	Min N	<b>-5.00</b>	-0.01	0.68	-0.01	-0.26	0.00	CO 9
	1931	1.129	Max V <sub>y</sub>	47.21	<b>0.20</b>	-5.03	0.17	-4.11	-0.26	CO 12
	1522	0.000	Min V <sub>y</sub>	-5.00	<b>-0.01</b>	0.68	-0.01	-0.26	0.00	CO 9
	1522	0.000	Max V <sub>z</sub>	-5.00	-0.01	<b>0.68</b>	-0.01	-0.26	0.00	CO 9
	1931	1.129	Min V <sub>z</sub>	47.21	0.20	<b>-5.03</b>	0.17	-4.11	-0.26	CO 12
	1522	0.000	Max M <sub>T</sub>	47.10	0.19	-4.72	<b>0.17</b>	1.35	-0.04	CO 12
	1931	1.129	Min M <sub>T</sub>	-4.87	-0.01	0.50	<b>-0.01</b>	0.41	0.01	CO 9
	1522	0.000	Max M <sub>y</sub>	47.10	0.19	-4.72	0.17	<b>1.35</b>	-0.04	CO 12
	1931	1.129	Min M <sub>y</sub>	47.21	0.20	-5.03	0.17	<b>-4.11</b>	-0.26	CO 12
	1931	1.129	Max M <sub>z</sub>	-4.87	-0.01	0.50	-0.01	0.41	<b>0.01</b>	CO 9
	1931	1.129	Min M <sub>z</sub>	47.21	0.20	-5.03	0.17	-4.11	<b>-0.26</b>	CO 12
2278	1940	0.000	max N	<b>81.13</b>	-0.01	0.32	0.00	-0.09	0.00	CO 19
			min N	<b>-2.21</b>	-0.03	-0.90	-0.03	0.89	-0.03	CO 8
			max V <sub>y</sub>	79.79	<b>0.00</b>	1.50	0.01	-1.02	0.00	CO 17
			min V <sub>y</sub>	18.32	<b>-0.03</b>	-0.84	-0.03	0.87	-0.03	CO 10
			max V <sub>z</sub>	79.79	0.00	<b>1.50</b>	0.01	-1.02	0.00	CO 17
			min V <sub>z</sub>	15.25	-0.01	<b>-1.73</b>	-0.01	1.49	-0.01	CO 9
			max M <sub>T</sub>	79.79	0.00	1.50	<b>0.01</b>	-1.02	0.00	CO 17
			min M <sub>T</sub>	-2.21	-0.03	-0.90	<b>-0.03</b>	0.89	-0.03	CO 8
			max M <sub>y</sub>	15.25	-0.01	-1.73	-0.01	<b>1.49</b>	-0.01	CO 9
			min M <sub>y</sub>	79.79	0.00	1.50	0.01	<b>-1.02</b>	0.00	CO 17
			max M <sub>z</sub>	79.79	0.00	1.50	0.01	-1.02	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-2.21	-0.03	-0.90	-0.03	0.89	<b>-0.03</b>	CO 8
	1607	1.129	max N	<b>81.00</b>	-0.01	0.16	0.00	0.18	0.01	CO 19
			min N	<b>-2.34</b>	-0.03	-1.07	-0.03	-0.22	0.00	CO 8
			max V <sub>y</sub>	59.14	<b>0.00</b>	1.21	0.01	0.46	0.00	CO 16
			min V <sub>y</sub>	18.18	<b>-0.03</b>	-1.00	-0.03	-0.17	0.00	CO 10
			max V <sub>z</sub>	79.66	0.00	<b>1.29</b>	0.01	0.52	0.00	CO 17
			min V <sub>z</sub>	15.12	-0.01	<b>-1.89</b>	-0.01	-0.55	0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	79.66	0.00	1.29	<b>0.01</b>	0.52	0.00	CO 17
			min M <sub>T</sub>	-2.34	-0.03	-1.07	<b>-0.03</b>	-0.22	0.00	CO 8
			max M <sub>y</sub>	79.66	0.00	1.29	0.01	<b>0.52</b>	0.00	CO 17
			min M <sub>y</sub>	15.12	-0.01	-1.89	-0.01	<b>-0.55</b>	0.01	CO 9
			max M <sub>z</sub>	68.01	-0.01	-0.96	-0.01	-0.18	<b>0.01</b>	CO 13
			min M <sub>z</sub>	59.14	0.00	1.21	0.01	0.46	<b>0.00</b>	CO 16
	1940	0.000	Max N	<b>81.13</b>	-0.01	0.32	0.00	-0.09	0.00	CO 19
	1607	1.129	Min N	<b>-2.34</b>	-0.03	-1.07	-0.03	-0.22	0.00	CO 8
	1940	0.000	Max V <sub>y</sub>	79.79	<b>0.00</b>	1.50	0.01	-1.02	0.00	CO 17
	1940	0.000	Min V <sub>y</sub>	18.32	<b>-0.03</b>	-0.84	-0.03	0.87	-0.03	CO 10
	1940	0.000	Max V <sub>z</sub>	79.79	0.00	<b>1.50</b>	0.01	-1.02	0.00	CO 17
	1607	1.129	Min V <sub>z</sub>	15.12	-0.01	<b>-1.89</b>	-0.01	-0.55	0.01	CO 9
	1607	1.129	Max M <sub>T</sub>	79.66	0.00	1.29	<b>0.01</b>	0.52	0.00	CO 17
	1940	0.000	Min M <sub>T</sub>	-2.21	-0.03	-0.90	<b>-0.03</b>	0.89	-0.03	CO 8
	1940	0.000	Max M <sub>y</sub>	15.25	-0.01	-1.73	-0.01	<b>1.49</b>	-0.01	CO 9
	1940	0.000	Min M <sub>y</sub>	79.79	0.00	1.50	0.01	<b>-1.02</b>	0.00	CO 17
	1607	1.129	Max M <sub>z</sub>	68.01	-0.01	-0.96	-0.01	-0.18	<b>0.01</b>	CO 13
	1940	0.000	Min M <sub>z</sub>	-2.21	-0.03	-0.90	-0.03	0.89	<b>-0.03</b>	CO 8
2279	596	0.000	max N	<b>-0.81</b>	0.00	-11.16	0.00	-2.62	-0.14	CO 9
			min N	<b>-74.67</b>	-1.05	2.22	0.00	-0.31	0.36	CO 17
			max V <sub>y</sub>	-15.63	<b>38.42</b>	13.45	0.00	-1.94	8.26	CO 8
			min V <sub>y</sub>	-74.67	<b>-1.05</b>	2.22	0.00	-0.31	0.36	CO 17
			max V <sub>z</sub>	-32.97	38.35	<b>14.95</b>	0.00	-2.15	8.36	CO 10
			min V <sub>z</sub>	-28.14	-0.49	<b>-11.24</b>	0.00	-2.62	-0.18	CO 15
			max M <sub>T</sub>	-57.32	-0.86	0.72	<b>0.00</b>	-0.10	0.27	CO 16
			min M <sub>T</sub>	-18.16	-0.19	-9.66	<b>-0.01</b>	-2.83	-0.06	CO 11
			max M <sub>y</sub>	-57.32	-0.86	0.72	0.00	<b>-0.10</b>	0.27	CO 16
			min M <sub>y</sub>	-18.16	-0.19	-9.66	-0.01	<b>-2.83</b>	-0.06	CO 11
			max M <sub>z</sub>	-32.97	38.35	14.95	0.00	-2.15	<b>8.36</b>	CO 10
			min M <sub>z</sub>	-28.14	-0.49	-11.24	0.00	-2.62	<b>-0.18</b>	CO 15
		0.150	max N	<b>-0.66</b>	0.00	-11.81	0.00	-4.34	-0.14	CO 9
			min N	<b>-74.51</b>	-1.05	2.22	0.00	0.02	0.51	CO 17
			max V <sub>y</sub>	-15.47	<b>38.42</b>	14.19	0.00	0.13	2.49	CO 8
			min V <sub>y</sub>	-74.51	<b>-1.05</b>	2.22	0.00	0.02	0.51	CO 17
			max V <sub>z</sub>	-32.81	38.35	<b>15.69</b>	0.00	0.15	2.60	CO 10
			min V <sub>z</sub>	-27.99	-0.49	<b>-11.89</b>	0.00	-4.35	-0.11	CO 15
			max M <sub>T</sub>	-57.17	-0.86	0.72	<b>0.00</b>	0.00	0.40	CO 16
			min M <sub>T</sub>	-18.00	-0.19	-10.32	<b>-0.01</b>	-4.33	-0.03	CO 11
			max M <sub>y</sub>	-32.81	38.35	15.69	0.00	<b>0.15</b>	2.60	CO 10
			min M <sub>y</sub>	-27.99	-0.49	-11.89	0.00	<b>-4.35</b>	-0.11	CO 15
			max M <sub>z</sub>	-60.15	38.04	15.62	0.00	0.14	<b>2.64</b>	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-0.66	0.00	-11.81	0.00	-4.34	<b>-0.14</b>	CO 9
			max N	<b>2.03</b>	-0.90	8.16	0.00	-4.35	-0.14	CO 9
			min N	<b>-71.67</b>	-7.29	0.02	0.00	0.00	0.54	CO 17
			max V <sub>y</sub>	-12.28	<b>13.04</b>	-0.74	0.00	0.05	2.47	CO 8
			min V <sub>y</sub>	-71.67	<b>-7.29</b>	0.02	0.00	0.00	0.54	CO 17
			max V <sub>z</sub>	-42.52	-5.83	<b>8.18</b>	0.00	-4.35	0.02	CO 13
			min V <sub>z</sub>	-12.28	13.04	<b>-0.74</b>	0.00	0.05	2.47	CO 8
			max M <sub>T</sub>	-39.53	9.74	-0.73	<b>0.00</b>	0.05	2.50	CO 14
			min M <sub>T</sub>	-15.27	-2.52	8.16	<b>0.00</b>	-4.35	-0.02	CO 11
			max M <sub>y</sub>	-12.28	13.04	-0.74	0.00	<b>0.05</b>	2.47	CO 8
			min M <sub>y</sub>	-42.52	-5.83	8.18	0.00	<b>-4.35</b>	0.02	CO 13
			max M <sub>z</sub>	-56.84	8.14	-0.72	0.00	0.04	<b>2.63</b>	CO 12
			min M <sub>z</sub>	2.03	-0.90	8.16	0.00	-4.35	<b>-0.14</b>	CO 9
	1523	0.300	max N	<b>2.19</b>	-0.90	7.51	0.00	-3.17	-0.01	CO 9
			min N	<b>-71.52</b>	-7.29	0.02	0.00	0.00	1.63	CO 17
			max V <sub>y</sub>	-12.13	<b>13.04</b>	0.00	0.00	-0.01	0.51	CO 8
			min V <sub>y</sub>	-71.52	<b>-7.29</b>	0.02	0.00	0.00	1.63	CO 17
			max V <sub>z</sub>	-42.37	-5.83	<b>7.53</b>	0.00	-3.17	0.89	CO 13
			min V <sub>z</sub>	-15.28	-0.94	<b>0.00</b>	0.00	0.00	0.51	CO 1
			max M <sub>T</sub>	-54.21	-5.67	0.01	<b>0.00</b>	0.00	1.26	CO 16
			min M <sub>T</sub>	-15.11	-2.52	7.51	<b>0.00</b>	-3.17	0.36	CO 11
			max M <sub>y</sub>	-32.58	-2.56	0.00	0.00	<b>0.00</b>	0.88	CO 2
			min M <sub>y</sub>	-25.06	-4.22	7.52	0.00	<b>-3.17</b>	0.52	CO 15
			max M <sub>z</sub>	-69.63	1.12	0.02	0.00	0.00	<b>1.64</b>	CO 18
			min M <sub>z</sub>	2.19	-0.90	7.51	0.00	-3.17	<b>-0.01</b>	CO 9
	1523	0.300	Max N	<b>2.19</b>	-0.90	7.51	0.00	-3.17	-0.01	CO 9
	596	0.000	Min N	<b>-74.67</b>	-1.05	2.22	0.00	-0.31	0.36	CO 17
		0.150	Max V <sub>y</sub>	-15.47	<b>38.42</b>	14.19	0.00	0.13	2.49	CO 8
		0.150	Min V <sub>y</sub>	-71.67	<b>-7.29</b>	0.02	0.00	0.00	0.54	CO 17
		0.150	Max V <sub>z</sub>	-32.81	38.35	<b>15.69</b>	0.00	0.15	2.60	CO 10
		0.150	Min V <sub>z</sub>	-27.99	-0.49	<b>-11.89</b>	0.00	-4.35	-0.11	CO 15
		0.150	Max M <sub>T</sub>	-39.53	9.74	-0.73	<b>0.00</b>	0.05	2.50	CO 14
	596	0.000	Min M <sub>T</sub>	-18.16	-0.19	-9.66	<b>-0.01</b>	-2.83	-0.06	CO 11
		0.150	Max M <sub>y</sub>	-32.81	38.35	15.69	0.00	<b>0.15</b>	2.60	CO 10
		0.150	Min M <sub>y</sub>	-27.99	-0.49	-11.89	0.00	<b>-4.35</b>	-0.11	CO 15
	596	0.000	Max M <sub>z</sub>	-32.97	38.35	14.95	0.00	-2.15	<b>8.36</b>	CO 10
	596	0.000	Min M <sub>z</sub>	-28.14	-0.49	-11.24	0.00	-2.62	<b>-0.18</b>	CO 15
2280	597	0.000	max N	<b>-4.42</b>	-10.34	-5.63	0.03	-3.35	-3.54	CO 9
			min N	<b>-54.14</b>	0.30	1.15	0.02	-0.16	-7.64	CO 17
			max V <sub>y</sub>	-41.38	<b>0.79</b>	0.29	0.01	-0.03	-5.54	CO 16
			min V <sub>y</sub>	-17.18	<b>-10.83</b>	-4.78	0.04	-3.47	-5.63	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-44.23	-3.74	<b>7.71</b>	0.03	-1.13	-3.97	CO 12
			min V <sub>z</sub>	-4.42	-10.34	<b>-5.63</b>	0.03	-3.35	-3.54	CO 9
			max M <sub>T</sub>	-35.40	-10.32	-4.76	<b>0.04</b>	-3.47	-8.24	CO 13
			min M <sub>T</sub>	-15.34	0.05	0.27	<b>0.01</b>	-0.04	-1.82	CO 1
			max M <sub>y</sub>	-41.38	0.79	0.29	0.01	<b>-0.03</b>	-5.54	CO 16
			min M <sub>y</sub>	-17.18	-10.83	-4.78	0.04	<b>-3.47</b>	-5.63	CO 11
			max M <sub>z</sub>	-13.25	-3.77	6.83	0.02	-1.01	<b>0.72</b>	CO 8
			min M <sub>z</sub>	-47.58	-5.95	-2.39	0.03	-2.15	<b>-8.67</b>	CO 19
		0.150	max N	<b>-4.26</b>	-10.92	-5.96	0.03	-4.22	-1.94	CO 9
			min N	<b>-53.98</b>	0.29	1.15	0.02	0.02	-7.68	CO 17
			max V <sub>y</sub>	-41.22	<b>0.78</b>	0.29	0.01	0.01	-5.66	CO 16
			min V <sub>y</sub>	-17.03	<b>-11.41</b>	-5.10	0.04	-4.22	-3.96	CO 11
			max V <sub>z</sub>	-44.08	-3.98	<b>8.08</b>	0.03	0.05	-3.39	CO 12
			min V <sub>z</sub>	-4.26	-10.92	<b>-5.96</b>	0.03	-4.22	-1.94	CO 9
			max M <sub>T</sub>	-35.25	-10.91	-5.09	<b>0.04</b>	-4.21	-6.65	CO 13
			min M <sub>T</sub>	-15.19	0.05	0.27	<b>0.01</b>	0.00	-1.83	CO 1
			max M <sub>y</sub>	-44.08	-3.98	8.08	0.03	<b>0.05</b>	-3.39	CO 12
			min M <sub>y</sub>	-4.26	-10.92	-5.96	0.03	<b>-4.22</b>	-1.94	CO 9
			max M <sub>z</sub>	-13.10	-4.01	7.20	0.02	0.05	<b>1.30</b>	CO 8
			min M <sub>z</sub>	-47.43	-6.30	-2.59	0.03	-2.52	<b>-7.75</b>	CO 19
			max N	<b>-3.14</b>	-10.92	6.62	0.03	-4.22	-1.91	CO 9
			min N	<b>-52.86</b>	0.29	-0.11	0.02	0.02	-7.59	CO 17
			max V <sub>y</sub>	-40.10	<b>0.78</b>	-0.07	0.01	0.01	-5.60	CO 16
			min V <sub>y</sub>	-15.91	<b>-11.41</b>	6.58	0.04	-4.22	-3.90	CO 11
			max V <sub>z</sub>	-3.14	-10.92	<b>6.62</b>	0.03	-4.22	-1.91	CO 9
			min V <sub>z</sub>	-42.96	-3.99	<b>-0.55</b>	0.03	0.05	-3.43	CO 12
			max M <sub>T</sub>	-34.13	-10.91	6.56	<b>0.04</b>	-4.21	-6.55	CO 13
			min M <sub>T</sub>	-14.07	0.05	-0.03	<b>0.01</b>	0.00	-1.81	CO 1
			max M <sub>y</sub>	-42.96	-3.99	-0.55	0.03	<b>0.05</b>	-3.43	CO 12
			min M <sub>y</sub>	-3.14	-10.92	6.62	0.03	<b>-4.22</b>	-1.91	CO 9
			max M <sub>z</sub>	-11.98	-4.02	-0.49	0.02	0.05	<b>1.21</b>	CO 8
			min M <sub>z</sub>	-46.31	-6.30	3.89	0.03	-2.52	<b>-7.65</b>	CO 19
	1943	0.300	max N	<b>-2.99</b>	-11.50	6.29	0.03	-3.25	-0.23	CO 9
			min N	<b>-52.71</b>	0.28	-0.11	0.02	0.00	-7.63	CO 17
			max V <sub>y</sub>	-39.95	<b>0.78</b>	-0.07	0.01	0.00	-5.72	CO 16
			min V <sub>y</sub>	-15.75	<b>-11.99</b>	6.25	0.04	-3.25	-2.14	CO 11
			max V <sub>z</sub>	-2.99	-11.50	<b>6.29</b>	0.03	-3.25	-0.23	CO 9
			min V <sub>z</sub>	-42.81	-4.23	<b>-0.18</b>	0.03	0.00	-2.81	CO 12
			max M <sub>T</sub>	-33.97	-11.49	6.24	<b>0.04</b>	-3.25	-4.87	CO 13
			min M <sub>T</sub>	-13.92	0.05	-0.03	<b>0.01</b>	0.00	-1.82	CO 1
			max M <sub>y</sub>	-30.05	-3.74	-0.14	0.02	<b>0.00</b>	-0.90	CO 14

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-33.97	-11.49	6.24	0.04	<b>-3.25</b>	-4.87	CO 13
			max M <sub>z</sub>	-11.83	-4.26	-0.12	0.02	0.00	<b>1.83</b>	CO 8
			min M <sub>z</sub>	-52.71	0.28	-0.11	0.02	0.00	<b>-7.63</b>	CO 17
	1943	0.300	Max N	<b>-2.99</b>	-11.50	6.29	0.03	-3.25	-0.23	CO 9
	597	0.000	Min N	<b>-54.14</b>	0.30	1.15	0.02	-0.16	-7.64	CO 17
	597	0.000	Max V <sub>y</sub>	-41.38	<b>0.79</b>	0.29	0.01	-0.03	-5.54	CO 16
	1943	0.300	Min V <sub>y</sub>	-15.75	<b>-11.99</b>	6.25	0.04	-3.25	-2.14	CO 11
		0.150	Max V <sub>z</sub>	-44.08	-3.98	<b>8.08</b>	0.03	0.05	-3.39	CO 12
		0.150	Min V <sub>z</sub>	-4.26	-10.92	<b>-5.96</b>	0.03	-4.22	-1.94	CO 9
		0.150	Max M <sub>T</sub>	-34.13	-10.91	6.56	<b>0.04</b>	-4.21	-6.55	CO 13
		0.150	Min M <sub>T</sub>	-15.19	0.05	0.27	<b>0.01</b>	0.00	-1.83	CO 1
		0.150	Max M <sub>y</sub>	-44.08	-3.98	8.08	0.03	<b>0.05</b>	-3.39	CO 12
		0.150	Min M <sub>y</sub>	-4.26	-10.92	-5.96	0.03	<b>-4.22</b>	-1.94	CO 9
	1943	0.300	Max M <sub>z</sub>	-11.83	-4.26	-0.12	0.02	0.00	<b>1.83</b>	CO 8
	597	0.000	Min M <sub>z</sub>	-47.58	-5.95	-2.39	0.03	-2.15	<b>-8.67</b>	CO 19
2281	1607	0.000	max N	<b>4.19</b>	-0.02	-0.10	0.00	-0.01	-0.02	CO 8
			min N	<b>-79.57</b>	0.00	0.78	0.00	-0.01	0.00	CO 17
			max V <sub>y</sub>	-79.57	<b>0.00</b>	0.78	0.00	-0.01	0.00	CO 17
			min V <sub>y</sub>	4.19	<b>-0.02</b>	-0.10	0.00	-0.01	-0.02	CO 8
			max V <sub>z</sub>	-64.22	-0.01	<b>1.02</b>	0.00	-0.31	-0.01	CO 13
			min V <sub>z</sub>	4.19	-0.02	<b>-0.10</b>	0.00	-0.01	-0.02	CO 8
			max M <sub>T</sub>	-59.44	0.00	0.51	<b>0.00</b>	0.05	0.00	CO 16
			min M <sub>T</sub>	-64.22	-0.01	1.02	<b>0.00</b>	-0.31	-0.01	CO 13
			max M <sub>y</sub>	-59.44	0.00	0.51	0.00	<b>0.05</b>	0.00	CO 16
			min M <sub>y</sub>	-31.18	-0.01	0.74	0.00	<b>-0.33</b>	-0.01	CO 11
			max M <sub>z</sub>	-79.57	0.00	0.78	0.00	-0.01	<b>0.00</b>	CO 17
			min M <sub>z</sub>	4.19	-0.02	-0.10	0.00	-0.01	<b>-0.02</b>	CO 8
	1942	1.129	max N	<b>4.31</b>	-0.02	-0.29	0.00	-0.23	0.00	CO 8
			min N	<b>-79.44</b>	0.00	0.53	0.00	0.74	0.00	CO 17
			max V <sub>y</sub>	-79.44	<b>0.00</b>	0.53	0.00	0.74	0.00	CO 17
			min V <sub>y</sub>	-28.71	<b>-0.02</b>	-0.01	0.00	0.11	0.00	CO 14
			max V <sub>z</sub>	-64.10	-0.01	<b>0.81</b>	0.00	0.74	0.00	CO 13
			min V <sub>z</sub>	4.31	-0.02	<b>-0.29</b>	0.00	-0.23	0.00	CO 8
			max M <sub>T</sub>	-59.31	0.00	0.29	<b>0.00</b>	0.50	0.00	CO 16
			min M <sub>T</sub>	-64.10	-0.01	0.81	<b>0.00</b>	0.74	0.00	CO 13
			max M <sub>y</sub>	-78.74	-0.01	0.76	0.00	<b>0.83</b>	0.00	CO 19
			min M <sub>y</sub>	4.31	-0.02	-0.29	0.00	<b>-0.23</b>	0.00	CO 8
			max M <sub>z</sub>	-48.82	-0.02	0.24	0.00	0.35	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-12.10	0.00	-0.08	0.00	0.03	<b>0.00</b>	CO 1
	1942	1.129	Max N	<b>4.31</b>	-0.02	-0.29	0.00	-0.23	0.00	CO 8
	1607	0.000	Min N	<b>-79.57</b>	0.00	0.78	0.00	-0.01	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1942	1.129	Max V <sub>y</sub>	-79.44	<b>0.00</b>	0.53	0.00	0.74	0.00	CO 17
		0.903	Min V <sub>y</sub>	-28.73	<b>-0.02</b>	0.02	0.00	0.10	0.00	CO 14
	1607	0.000	Max V <sub>z</sub>	-64.22	-0.01	<b>1.02</b>	0.00	-0.31	-0.01	CO 13
	1942	1.129	Min V <sub>z</sub>	4.31	-0.02	<b>-0.29</b>	0.00	-0.23	0.00	CO 8
	1942	1.129	Max M <sub>T</sub>	-59.31	0.00	0.29	<b>0.00</b>	0.50	0.00	CO 16
	1942	1.129	Min M <sub>T</sub>	-64.10	-0.01	0.81	<b>0.00</b>	0.74	0.00	CO 13
	1942	1.129	Max M <sub>y</sub>	-78.74	-0.01	0.76	0.00	<b>0.83</b>	0.00	CO 19
	1607	0.000	Min M <sub>y</sub>	-31.18	-0.01	0.74	0.00	<b>-0.33</b>	-0.01	CO 11
	1942	1.129	Max M <sub>z</sub>	-48.82	-0.02	0.24	0.00	0.35	<b>0.00</b>	CO 12
	1607	0.000	Min M <sub>z</sub>	4.19	-0.02	-0.10	0.00	-0.01	<b>-0.02</b>	CO 8
2282	1942	0.000	max N	<b>0.63</b>	0.00	-0.09	0.00	0.17	0.00	CO 1
			min N	<b>-0.34</b>	-0.01	-0.41	0.00	0.56	0.01	CO 12
			max V <sub>y</sub>	-0.33	<b>0.01</b>	-0.47	0.00	0.61	0.01	CO 13
			min V <sub>y</sub>	0.17	<b>-0.01</b>	-0.16	0.00	0.17	0.01	CO 8
			max V <sub>z</sub>	0.63	0.00	<b>-0.09</b>	0.00	0.17	0.00	CO 1
			min V <sub>z</sub>	-0.29	0.01	<b>-0.48</b>	0.00	0.69	0.01	CO 19
			max M <sub>T</sub>	-0.03	0.00	-0.40	<b>0.00</b>	0.65	0.00	CO 17
			min M <sub>T</sub>	0.17	-0.01	-0.16	<b>0.00</b>	0.17	0.01	CO 8
			max M <sub>y</sub>	-0.29	0.01	-0.48	0.00	<b>0.69</b>	0.01	CO 19
			min M <sub>y</sub>	0.63	0.00	-0.09	0.00	<b>0.17</b>	0.00	CO 1
			max M <sub>z</sub>	-0.33	0.01	-0.47	0.00	0.61	<b>0.01</b>	CO 13
			min M <sub>z</sub>	0.31	0.00	-0.30	0.00	0.50	<b>0.00</b>	CO 16
	1609	1.129	max N	<b>0.50</b>	0.00	-0.26	0.00	-0.03	0.00	CO 1
			min N	<b>-0.47</b>	-0.01	-0.58	0.00	0.00	0.02	CO 12
			max V <sub>y</sub>	-0.47	<b>0.01</b>	-0.64	0.00	-0.02	0.01	CO 13
			min V <sub>y</sub>	0.04	<b>-0.01</b>	-0.33	0.00	-0.10	0.02	CO 8
			max V <sub>z</sub>	0.50	0.00	<b>-0.26</b>	0.00	-0.03	0.00	CO 1
			min V <sub>z</sub>	-0.43	0.01	<b>-0.66</b>	0.00	0.04	0.00	CO 19
			max M <sub>T</sub>	-0.17	0.00	-0.58	<b>0.00</b>	0.10	0.00	CO 17
			min M <sub>T</sub>	0.04	-0.01	-0.33	<b>0.00</b>	-0.10	0.02	CO 8
			max M <sub>y</sub>	-0.17	0.00	-0.58	0.00	<b>0.10</b>	0.00	CO 17
			min M <sub>y</sub>	0.07	0.00	-0.39	0.00	<b>-0.13</b>	0.01	CO 9
			max M <sub>z</sub>	0.04	-0.01	-0.33	0.00	-0.10	<b>0.02</b>	CO 8
			min M <sub>z</sub>	-0.17	0.00	-0.58	0.00	0.10	<b>0.00</b>	CO 17
	1942	0.000	Max N	<b>0.63</b>	0.00	-0.09	0.00	0.17	0.00	CO 1
	1609	1.129	Min N	<b>-0.47</b>	-0.01	-0.58	0.00	0.00	0.02	CO 12
	1609	1.129	Max V <sub>y</sub>	-0.47	<b>0.01</b>	-0.64	0.00	-0.02	0.01	CO 13
	1942	0.000	Min V <sub>y</sub>	0.17	<b>-0.01</b>	-0.16	0.00	0.17	0.01	CO 8
	1942	0.000	Max V <sub>z</sub>	0.63	0.00	<b>-0.09</b>	0.00	0.17	0.00	CO 1
	1609	1.129	Min V <sub>z</sub>	-0.43	0.01	<b>-0.66</b>	0.00	0.04	0.00	CO 19
	1942	0.000	Max M <sub>T</sub>	-0.03	0.00	-0.40	<b>0.00</b>	0.65	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1942	0.000	Min M <sub>T</sub>	0.17	-0.01	-0.16	<b>0.00</b>	0.17	0.01	CO 8
	1942	0.000	Max M <sub>y</sub>	-0.29	0.01	-0.48	0.00	<b>0.69</b>	0.01	CO 19
	1609	1.129	Min M <sub>y</sub>	0.07	0.00	-0.39	0.00	<b>-0.13</b>	0.01	CO 9
	1609	1.129	Max M <sub>z</sub>	0.04	-0.01	-0.33	0.00	-0.10	<b>0.02</b>	CO 8
	1609	1.129	Min M <sub>z</sub>	-0.17	0.00	-0.58	0.00	0.10	<b>0.00</b>	CO 17
2283	1609	0.000	max N	<b>1.99</b>	0.00	0.24	-0.02	0.21	0.01	CO 12
			min N	<b>0.76</b>	0.00	0.24	0.00	-0.01	0.00	CO 1
			max V <sub>y</sub>	1.01	<b>0.00</b>	0.39	0.00	0.13	0.00	CO 16
			min V <sub>y</sub>	1.24	<b>0.00</b>	0.36	-0.01	0.00	0.00	CO 11
			max V <sub>z</sub>	1.33	0.00	<b>0.49</b>	0.00	0.16	0.00	CO 19
			min V <sub>z</sub>	1.56	0.00	<b>0.08</b>	-0.02	0.05	0.00	CO 8
			max M <sub>T</sub>	1.17	0.00	0.45	<b>0.00</b>	0.19	0.00	CO 17
			min M <sub>T</sub>	1.80	0.00	0.14	<b>-0.02</b>	0.12	0.01	CO 10
			max M <sub>y</sub>	1.70	0.00	0.35	-0.01	<b>0.23</b>	0.01	CO 18
			min M <sub>y</sub>	1.03	0.00	0.30	-0.01	<b>-0.06</b>	0.00	CO 9
			max M <sub>z</sub>	1.99	0.00	0.24	-0.02	0.21	<b>0.01</b>	CO 12
			min M <sub>z</sub>	1.03	0.00	0.30	-0.01	-0.06	<b>0.00</b>	CO 9
	1941	1.129	max N	<b>2.12</b>	0.00	0.06	-0.02	0.38	0.01	CO 12
			min N	<b>0.88</b>	0.00	0.06	0.00	0.15	0.00	CO 1
			max V <sub>y</sub>	1.14	<b>0.00</b>	0.21	0.00	0.46	0.00	CO 16
			min V <sub>y</sub>	1.37	<b>0.00</b>	0.18	-0.01	0.30	0.00	CO 11
			max V <sub>z</sub>	1.46	0.00	<b>0.31</b>	0.00	0.61	0.00	CO 19
			min V <sub>z</sub>	1.69	0.00	<b>-0.10</b>	-0.02	0.04	0.00	CO 8
			max M <sub>T</sub>	1.29	0.00	0.27	<b>0.00</b>	0.59	0.00	CO 17
			min M <sub>T</sub>	1.92	0.00	-0.05	<b>-0.02</b>	0.17	0.01	CO 10
			max M <sub>y</sub>	1.46	0.00	0.31	0.00	<b>0.61</b>	0.00	CO 19
			min M <sub>y</sub>	1.69	0.00	-0.10	-0.02	<b>0.04</b>	0.00	CO 8
			max M <sub>z</sub>	1.92	0.00	-0.05	-0.02	0.17	<b>0.01</b>	CO 10
			min M <sub>z</sub>	1.35	0.00	0.23	-0.01	0.39	<b>0.00</b>	CO 15
	1941	1.129	Max N	<b>2.12</b>	0.00	0.06	-0.02	0.38	0.01	CO 12
	1609	0.000	Min N	<b>0.76</b>	0.00	0.24	0.00	-0.01	0.00	CO 1
	1609	0.000	Max V <sub>y</sub>	1.01	<b>0.00</b>	0.39	0.00	0.13	0.00	CO 16
	1609	0.000	Min V <sub>y</sub>	1.24	<b>0.00</b>	0.36	-0.01	0.00	0.00	CO 11
	1609	0.000	Max V <sub>z</sub>	1.33	0.00	<b>0.49</b>	0.00	0.16	0.00	CO 19
	1941	1.129	Min V <sub>z</sub>	1.69	0.00	<b>-0.10</b>	-0.02	0.04	0.00	CO 8
	1941	1.129	Max M <sub>T</sub>	1.29	0.00	0.27	<b>0.00</b>	0.59	0.00	CO 17
		0.903	Min M <sub>T</sub>	1.90	0.00	-0.01	<b>-0.02</b>	0.17	0.01	CO 10
	1941	1.129	Max M <sub>y</sub>	1.46	0.00	0.31	0.00	<b>0.61</b>	0.00	CO 19
	1609	0.000	Min M <sub>y</sub>	1.03	0.00	0.30	-0.01	<b>-0.06</b>	0.00	CO 9
	1941	1.129	Max M <sub>z</sub>	1.92	0.00	-0.05	-0.02	0.17	<b>0.01</b>	CO 10
	1609	0.000	Min M <sub>z</sub>	1.03	0.00	0.30	-0.01	-0.06	<b>0.00</b>	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
2284	1941	0.000	max N	<b>0.36</b>	-0.14	0.90	0.00	-0.41	-0.07	CO 8
			min N	<b>-81.67</b>	0.00	-0.22	0.00	0.64	0.00	CO 19
			max V <sub>y</sub>	-33.44	<b>0.00</b>	0.06	0.00	0.19	0.00	CO 2
			min V <sub>y</sub>	0.36	<b>-0.14</b>	0.90	0.00	-0.41	-0.07	CO 8
			max V <sub>z</sub>	0.36	-0.14	<b>0.90</b>	0.00	-0.41	-0.07	CO 8
			min V <sub>z</sub>	-67.21	0.00	<b>-0.23</b>	0.00	0.55	0.00	CO 13
			max M <sub>T</sub>	-20.56	-0.13	0.80	<b>0.00</b>	-0.22	-0.06	CO 10
			min M <sub>T</sub>	-60.71	0.00	-0.03	<b>0.00</b>	0.41	0.00	CO 16
			max M <sub>y</sub>	-81.67	0.00	-0.22	0.00	<b>0.64</b>	0.00	CO 19
			min M <sub>y</sub>	0.36	-0.14	0.90	0.00	<b>-0.41</b>	-0.07	CO 8
			max M <sub>z</sub>	-67.21	0.00	-0.23	0.00	0.55	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-33.36	-0.13	0.76	0.00	-0.12	<b>-0.07</b>	CO 14
	1608	1.129	max N	<b>0.22</b>	-0.14	0.73	0.00	0.51	0.09	CO 8
			min N	<b>-81.80</b>	0.00	-0.47	0.00	0.25	0.00	CO 19
			max V <sub>y</sub>	-33.58	<b>0.00</b>	-0.12	0.00	0.15	0.00	CO 2
			min V <sub>y</sub>	0.22	<b>-0.14</b>	0.73	0.00	0.51	0.09	CO 8
			max V <sub>z</sub>	0.22	-0.14	<b>0.73</b>	0.00	0.51	0.09	CO 8
			min V <sub>z</sub>	-81.80	0.00	<b>-0.47</b>	0.00	0.25	0.00	CO 19
			max M <sub>T</sub>	-20.69	-0.13	0.62	<b>0.00</b>	0.58	0.09	CO 10
			min M <sub>T</sub>	-60.85	0.00	-0.24	<b>0.00</b>	0.26	0.00	CO 16
			max M <sub>y</sub>	-54.44	-0.13	0.45	0.00	<b>0.71</b>	0.08	CO 12
			min M <sub>y</sub>	-12.73	-0.01	-0.18	0.00	<b>-0.04</b>	0.01	CO 9
			max M <sub>z</sub>	0.22	-0.14	0.73	0.00	0.51	<b>0.09</b>	CO 8
			min M <sub>z</sub>	-81.80	0.00	-0.37	0.00	0.32	<b>0.00</b>	CO 17
	1941	0.000	Max N	<b>0.36</b>	-0.14	0.90	0.00	-0.41	-0.07	CO 8
	1608	1.129	Min N	<b>-81.80</b>	0.00	-0.47	0.00	0.25	0.00	CO 19
		0.452	Max V <sub>y</sub>	-33.50	<b>0.00</b>	-0.01	0.00	0.20	0.00	CO 2
	1941	0.000	Min V <sub>y</sub>	0.36	<b>-0.14</b>	0.90	0.00	-0.41	-0.07	CO 8
	1941	0.000	Max V <sub>z</sub>	0.36	-0.14	<b>0.90</b>	0.00	-0.41	-0.07	CO 8
	1608	1.129	Min V <sub>z</sub>	-81.80	0.00	<b>-0.47</b>	0.00	0.25	0.00	CO 19
	1941	0.000	Max M <sub>T</sub>	-20.56	-0.13	0.80	<b>0.00</b>	-0.22	-0.06	CO 10
	1941	0.000	Min M <sub>T</sub>	-60.71	0.00	-0.03	<b>0.00</b>	0.41	0.00	CO 16
	1608	1.129	Max M <sub>y</sub>	-54.44	-0.13	0.45	0.00	<b>0.71</b>	0.08	CO 12
	1941	0.000	Min M <sub>y</sub>	0.36	-0.14	0.90	0.00	<b>-0.41</b>	-0.07	CO 8
	1608	1.129	Max M <sub>z</sub>	0.22	-0.14	0.73	0.00	0.51	<b>0.09</b>	CO 8
	1941	0.000	Min M <sub>z</sub>	-33.36	-0.13	0.76	0.00	-0.12	<b>-0.07</b>	CO 14
2285	1947	0.000	max N	<b>11.62</b>	-0.25	14.25	0.00	0.00	0.00	CO 11
			min N	<b>-1.56</b>	-0.07	38.12	0.00	0.00	0.00	CO 16
			max V <sub>y</sub>	-0.36	<b>-0.03</b>	12.11	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	10.77	<b>-0.27</b>	32.41	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	-1.21	-0.11	<b>50.89</b>	0.00	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	11.46	-0.21	<b>1.51</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.14	-0.08	24.88	<b>0.00</b>	0.00	0.00	CO 2
			min M <sub>T</sub>	10.51	-0.23	19.67	<b>0.00</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	10.97	-0.16	23.05	0.00	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	6.91	-0.18	18.50	0.00	<b>0.00</b>	0.00	CO 4
			max M <sub>z</sub>	10.51	-0.23	19.67	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	-1.21	-0.11	50.89	0.00	0.00	<b>0.00</b>	CO 17
		0.700	max N	<b>11.63</b>	-0.25	13.71	0.00	9.79	0.18	CO 11
			min N	<b>-1.47</b>	-0.07	32.42	0.00	24.69	0.05	CO 16
			max V <sub>y</sub>	-0.33	<b>-0.03</b>	10.77	0.00	8.01	0.02	CO 1
			min V <sub>y</sub>	10.83	<b>-0.27</b>	28.82	0.00	21.43	0.19	CO 13
			max V <sub>z</sub>	-1.12	-0.11	<b>43.28</b>	0.00	32.96	0.08	CO 17
			min V <sub>z</sub>	11.42	-0.21	<b>2.87</b>	0.00	1.53	0.15	CO 9
			max M <sub>T</sub>	10.83	-0.27	28.82	<b>0.00</b>	21.43	0.19	CO 13
			min M <sub>T</sub>	10.27	-0.18	35.37	<b>-0.01</b>	26.80	0.13	CO 12
			max M <sub>y</sub>	-1.12	-0.11	43.28	0.00	<b>32.96</b>	0.08	CO 17
			min M <sub>y</sub>	11.42	-0.21	2.87	0.00	<b>1.53</b>	0.15	CO 9
			max M <sub>z</sub>	10.83	-0.27	28.82	0.00	21.43	<b>0.19</b>	CO 13
			min M <sub>z</sub>	-0.33	-0.03	10.77	0.00	8.01	<b>0.02</b>	CO 1
			max N	<b>11.77</b>	0.14	8.33	0.00	9.40	0.18	CO 11
			min N	<b>-1.34</b>	-0.05	26.00	0.00	23.62	0.05	CO 16
			max V <sub>y</sub>	11.77	<b>0.14</b>	8.33	0.00	9.40	0.18	CO 11
			min V <sub>y</sub>	-1.34	<b>-0.05</b>	26.00	0.00	23.62	0.05	CO 16
			max V <sub>z</sub>	-0.96	-0.04	<b>34.39</b>	0.00	31.56	0.08	CO 17
			min V <sub>z</sub>	11.50	0.13	<b>-0.04</b>	0.00	1.49	0.15	CO 9
			max M <sub>T</sub>	10.99	0.13	21.06	<b>0.00</b>	20.54	0.19	CO 13
			min M <sub>T</sub>	10.42	0.01	27.52	<b>-0.01</b>	25.66	0.13	CO 12
			max M <sub>y</sub>	-0.96	-0.04	34.39	0.00	<b>31.56</b>	0.08	CO 17
			min M <sub>y</sub>	11.50	0.13	-0.04	0.00	<b>1.49</b>	0.15	CO 9
			max M <sub>z</sub>	10.99	0.13	21.06	0.00	20.54	<b>0.19</b>	CO 13
			min M <sub>z</sub>	-0.25	-0.02	7.74	0.00	7.67	<b>0.02</b>	CO 1
		1.600	max N	<b>11.78</b>	0.14	7.64	0.00	16.58	0.05	CO 11
			min N	<b>-1.24</b>	-0.05	18.67	0.00	43.72	0.09	CO 16
			max V <sub>y</sub>	11.78	<b>0.14</b>	7.64	0.00	16.58	0.05	CO 11
			min V <sub>y</sub>	-1.24	<b>-0.05</b>	18.67	0.00	43.72	0.09	CO 16
			max V <sub>z</sub>	-0.87	-0.04	<b>24.60</b>	0.00	58.11	0.12	CO 17
			min V <sub>z</sub>	11.45	0.13	<b>1.71</b>	0.00	2.24	0.03	CO 9
			max M <sub>T</sub>	11.05	0.12	16.46	<b>0.00</b>	37.42	0.08	CO 13
			min M <sub>T</sub>	10.51	0.01	20.03	<b>-0.02</b>	47.06	0.12	CO 12
			max M <sub>y</sub>	-0.87	-0.04	24.60	0.00	<b>58.11</b>	0.12	CO 17
			min M <sub>y</sub>	11.45	0.13	1.71	0.00	<b>2.24</b>	0.03	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	5.79	-0.02	24.13	-0.01	56.84	<b>0.13</b>	CO 18
			min M <sub>z</sub>	11.45	0.13	1.71	0.00	2.24	<b>0.03</b>	CO 9
			max N	<b>11.91</b>	0.34	2.54	0.00	16.59	0.05	CO 11
			min N	<b>-1.10</b>	0.39	13.04	0.00	43.70	0.09	CO 16
			max V <sub>y</sub>	6.29	<b>0.54</b>	14.07	0.00	51.04	0.10	CO 19
			min V <sub>y</sub>	10.96	<b>0.14</b>	2.50	0.00	11.86	0.06	CO 8
			max V <sub>z</sub>	-0.69	0.53	<b>16.76</b>	0.00	58.09	0.12	CO 17
			min V <sub>z</sub>	11.53	0.20	<b>-1.17</b>	0.00	2.25	0.03	CO 9
			max M <sub>T</sub>	11.23	0.48	9.36	<b>0.00</b>	37.42	0.08	CO 13
			min M <sub>T</sub>	10.68	0.42	13.03	<b>-0.02</b>	47.05	0.12	CO 12
			max M <sub>y</sub>	-0.69	0.53	16.76	0.00	<b>58.09</b>	0.12	CO 17
			min M <sub>y</sub>	11.53	0.20	-1.17	0.00	<b>2.25</b>	0.03	CO 9
			max M <sub>z</sub>	5.96	0.50	16.28	-0.01	56.83	<b>0.13</b>	CO 18
			min M <sub>z</sub>	11.53	0.20	-1.17	0.00	2.25	<b>0.03</b>	CO 9
		2.067	max N	<b>11.92</b>	0.34	2.19	0.00	17.69	-0.11	CO 11
			min N	<b>-1.03</b>	0.39	9.23	0.00	48.90	-0.09	CO 16
			max V <sub>y</sub>	6.36	<b>0.54</b>	10.09	0.00	56.68	-0.15	CO 19
			min V <sub>y</sub>	10.97	<b>0.14</b>	1.91	0.00	12.89	0.00	CO 8
			max V <sub>z</sub>	-0.61	0.53	<b>11.68</b>	0.00	64.73	-0.13	CO 17
			min V <sub>z</sub>	11.51	0.20	<b>-0.26</b>	0.00	1.91	-0.06	CO 9
			max M <sub>T</sub>	11.28	0.48	6.98	<b>0.00</b>	41.24	-0.15	CO 13
			min M <sub>T</sub>	10.75	0.41	9.15	<b>-0.02</b>	52.23	-0.08	CO 12
			max M <sub>y</sub>	-0.61	0.53	11.68	0.00	<b>64.73</b>	-0.13	CO 17
			min M <sub>y</sub>	11.51	0.20	-0.26	0.00	<b>1.91</b>	-0.06	CO 9
			max M <sub>z</sub>	10.97	0.14	1.91	0.00	12.89	<b>0.00</b>	CO 8
			min M <sub>z</sub>	6.36	0.54	10.09	0.00	56.68	<b>-0.15</b>	CO 19
			max N	<b>12.02</b>	-0.13	-1.61	0.00	17.62	-0.11	CO 11
			min N	<b>-0.88</b>	-0.06	3.09	0.00	48.70	-0.09	CO 16
			max V <sub>y</sub>	11.03	<b>-0.01</b>	-0.33	0.00	12.83	0.00	CO 8
			min V <sub>y</sub>	11.44	<b>-0.14</b>	0.45	0.00	41.08	-0.15	CO 13
			max V <sub>z</sub>	-0.42	-0.09	<b>3.98</b>	0.00	64.47	-0.13	CO 17
			min V <sub>z</sub>	11.57	-0.09	<b>-2.50</b>	0.00	1.91	-0.06	CO 9
			max M <sub>T</sub>	11.44	-0.14	0.45	<b>0.00</b>	41.08	-0.15	CO 13
			min M <sub>T</sub>	10.91	-0.05	2.62	<b>-0.02</b>	52.01	-0.07	CO 12
			max M <sub>y</sub>	-0.42	-0.09	3.98	0.00	<b>64.47</b>	-0.13	CO 17
			min M <sub>y</sub>	11.57	-0.09	-2.50	0.00	<b>1.91</b>	-0.06	CO 9
			max M <sub>z</sub>	11.03	-0.01	-0.33	0.00	12.83	<b>0.00</b>	CO 8
			min M <sub>z</sub>	6.55	-0.13	2.39	0.00	56.46	<b>-0.15</b>	CO 19
		3.385	max N	<b>12.06</b>	-0.13	-2.62	0.00	14.83	0.06	CO 11
			min N	<b>-0.57</b>	-0.06	-7.65	0.00	45.70	-0.01	CO 16
			max V <sub>y</sub>	11.08	<b>-0.01</b>	-1.97	0.00	11.32	0.01	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	11.64	<b>-0.14</b>	-6.28	0.00	37.24	0.04	CO 13
			max V <sub>z</sub>	11.50	-0.09	<b>0.07</b>	0.00	0.31	0.06	CO 9
			min V <sub>z</sub>	0.00	-0.09	<b>-10.35</b>	0.00	60.27	-0.01	CO 17
			max M <sub>T</sub>	11.64	-0.14	-6.28	<b>0.00</b>	37.24	0.04	CO 13
			min M <sub>T</sub>	11.24	-0.06	-8.33	<b>-0.02</b>	48.25	0.00	CO 12
			max M <sub>y</sub>	0.00	-0.09	-10.35	0.00	<b>60.27</b>	-0.01	CO 17
			min M <sub>y</sub>	11.50	-0.09	0.07	0.00	<b>0.31</b>	0.06	CO 9
			max M <sub>z</sub>	11.50	-0.09	0.07	0.00	0.31	<b>0.06</b>	CO 9
			min M <sub>z</sub>	0.00	-0.09	-10.35	0.00	60.27	<b>-0.01</b>	CO 17
			max N	<b>12.17</b>	0.03	-6.42	0.00	14.91	0.06	CO 11
			min N	<b>-0.38</b>	-0.01	-13.79	0.00	45.91	-0.01	CO 16
			max V <sub>y</sub>	12.17	<b>0.03</b>	-6.42	0.00	14.91	0.06	CO 11
			min V <sub>y</sub>	-0.38	<b>-0.01</b>	-13.79	0.00	45.91	-0.01	CO 16
			max V <sub>z</sub>	11.56	0.03	<b>-2.17</b>	0.00	0.32	0.06	CO 9
			min V <sub>z</sub>	0.24	0.00	<b>-18.06</b>	0.00	60.55	-0.01	CO 17
			max M <sub>T</sub>	11.84	0.02	-12.81	<b>0.00</b>	37.41	0.04	CO 13
			min M <sub>T</sub>	11.44	0.00	-14.86	<b>-0.02</b>	48.49	0.00	CO 12
			max M <sub>y</sub>	0.24	0.00	-18.06	0.00	<b>60.55</b>	-0.01	CO 17
			min M <sub>y</sub>	11.56	0.03	-2.17	0.00	<b>0.32</b>	0.06	CO 9
			max M <sub>z</sub>	11.56	0.03	-2.17	0.00	0.32	<b>0.06</b>	CO 9
			min M <sub>z</sub>	0.24	0.00	-18.06	0.00	60.55	<b>-0.01</b>	CO 17
	1948	5.452	max N	<b>12.24</b>	0.02	-23.40	0.00	0.00	0.00	CO 13
			min N	<b>0.20</b>	0.00	-8.58	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	11.45	<b>0.03</b>	1.86	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	1.19	<b>-0.01</b>	-40.53	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	11.45	0.03	<b>1.86</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	1.19	-0.01	<b>-40.53</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	1.02	0.00	-18.48	<b>0.00</b>	0.00	0.00	CO 2
			min M <sub>T</sub>	11.40	0.02	-13.53	<b>0.00</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	12.04	0.00	-16.68	0.00	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	7.74	0.02	-12.19	0.00	<b>0.00</b>	0.00	CO 4
			max M <sub>z</sub>	1.19	-0.01	-40.53	0.00	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	11.40	0.02	-13.53	0.00	0.00	<b>0.00</b>	CO 15
	1948	5.452	Max N	<b>12.24</b>	0.02	-23.40	0.00	0.00	0.00	CO 13
	1947	0.000	Min N	<b>-1.56</b>	-0.07	38.12	0.00	0.00	0.00	CO 16
		1.600	Max V <sub>y</sub>	6.29	<b>0.54</b>	14.07	0.00	51.04	0.10	CO 19
		0.700	Min V <sub>y</sub>	10.83	<b>-0.27</b>	28.82	0.00	21.43	0.19	CO 13
	1947	0.000	Max V <sub>z</sub>	-1.21	-0.11	<b>50.89</b>	0.00	0.00	0.00	CO 17
	1948	5.452	Min V <sub>z</sub>	1.19	-0.01	<b>-40.53</b>	0.00	0.00	0.00	CO 17
		1.600	Max M <sub>T</sub>	11.23	0.48	9.36	<b>0.00</b>	37.42	0.08	CO 13
		2.331	Min M <sub>T</sub>	10.97	-0.06	0.43	<b>-0.02</b>	52.42	-0.06	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		2.331	Max M <sub>y</sub>	-0.35	-0.09	1.12	0.00	<b>65.14</b>	-0.11	CO 17
		4.419	Min M <sub>y</sub>	11.50	0.03	-0.15	0.00	<b>-0.88</b>	0.03	CO 9
		0.700	Max M <sub>z</sub>	10.99	0.13	21.06	0.00	20.54	<b>0.19</b>	CO 13
		2.067	Min M <sub>z</sub>	6.36	0.54	10.09	0.00	56.68	<b>-0.15</b>	CO 19
2286	1946	0.000	max N	<b>16.87</b>	0.00	17.47	0.00	0.00	0.00	CO 13
			min N	<b>-2.10</b>	0.00	3.43	0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	2.36	<b>0.01</b>	22.76	0.01	0.00	0.00	CO 12
			min V <sub>y</sub>	12.46	<b>0.00</b>	-1.81	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	6.33	0.01	<b>29.60</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	12.46	0.00	<b>-1.81</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	2.36	0.01	22.76	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	14.94	0.00	10.06	<b>0.00</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	0.75	0.00	5.20	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	2.36	0.01	22.76	0.01	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	16.87	0.00	17.47	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	2.36	0.01	22.76	0.01	0.00	<b>0.00</b>	CO 12
		1.817	max N	<b>17.14</b>	0.00	5.81	0.00	21.14	0.00	CO 13
			min N	<b>-2.04</b>	0.00	1.14	0.01	4.15	0.00	CO 8
			max V <sub>y</sub>	2.69	<b>0.01</b>	7.58	0.03	27.57	-0.02	CO 12
			min V <sub>y</sub>	12.42	<b>0.00</b>	-0.60	0.00	-2.19	0.00	CO 9
			max V <sub>z</sub>	6.72	0.00	<b>9.86</b>	0.00	35.85	-0.01	CO 17
			min V <sub>z</sub>	12.42	0.00	<b>-0.60</b>	0.00	-2.19	0.00	CO 9
			max M <sub>T</sub>	2.69	0.01	7.58	<b>0.03</b>	27.57	-0.02	CO 12
			min M <sub>T</sub>	17.14	0.00	5.81	<b>0.00</b>	21.14	0.00	CO 13
			max M <sub>y</sub>	6.72	0.00	9.86	0.00	<b>35.85</b>	-0.01	CO 17
			min M <sub>y</sub>	12.42	0.00	-0.60	0.00	<b>-2.19</b>	0.00	CO 9
			max M <sub>z</sub>	12.42	0.00	-0.60	0.00	-2.19	<b>0.00</b>	CO 9
			min M <sub>z</sub>	2.69	0.01	7.58	0.03	27.57	<b>-0.02</b>	CO 12
			max N	<b>17.14</b>	0.00	5.81	0.00	21.14	0.00	CO 13
			min N	<b>-2.04</b>	0.00	1.14	0.01	4.15	0.00	CO 8
			max V <sub>y</sub>	2.69	<b>0.01</b>	7.58	0.03	27.57	-0.02	CO 12
			min V <sub>y</sub>	12.42	<b>0.00</b>	-0.60	0.00	-2.19	0.00	CO 9
			max V <sub>z</sub>	6.72	0.00	<b>9.86</b>	0.00	35.85	-0.01	CO 17
			min V <sub>z</sub>	12.42	0.00	<b>-0.60</b>	0.00	-2.19	0.00	CO 9
			max M <sub>T</sub>	2.69	0.01	7.58	<b>0.03</b>	27.57	-0.02	CO 12
			min M <sub>T</sub>	17.14	0.00	5.81	<b>0.00</b>	21.14	0.00	CO 13
			max M <sub>y</sub>	6.72	0.00	9.86	0.00	<b>35.85</b>	-0.01	CO 17
			min M <sub>y</sub>	12.42	0.00	-0.60	0.00	<b>-2.19</b>	0.00	CO 9
			max M <sub>z</sub>	12.42	0.00	-0.60	0.00	-2.19	<b>0.00</b>	CO 9
			min M <sub>z</sub>	2.69	0.01	7.58	0.03	27.57	<b>-0.02</b>	CO 12
		3.635	max N	<b>17.46</b>	0.00	-5.81	0.00	21.14	0.00	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-1.98</b>	0.00	-1.14	0.01	4.15	0.00	CO 8
			max V <sub>y</sub>	15.29	<b>0.00</b>	-3.35	0.00	12.17	0.00	CO 15
			min V <sub>y</sub>	3.11	<b>-0.01</b>	-7.58	0.03	27.57	-0.03	CO 12
			max V <sub>z</sub>	12.39	0.00	<b>0.60</b>	0.00	-2.19	0.00	CO 9
			min V <sub>z</sub>	7.27	0.00	<b>-9.86</b>	0.00	35.85	-0.01	CO 17
			max M <sub>T</sub>	3.11	-0.01	-7.58	<b>0.03</b>	27.57	-0.03	CO 12
			min M <sub>T</sub>	17.46	0.00	-5.81	<b>0.00</b>	21.14	0.00	CO 13
			max M <sub>y</sub>	7.27	0.00	-9.86	0.00	<b>35.85</b>	-0.01	CO 17
			min M <sub>y</sub>	12.39	0.00	0.60	0.00	<b>-2.19</b>	0.00	CO 9
			max M <sub>z</sub>	15.29	0.00	-3.35	0.00	12.17	<b>0.00</b>	CO 15
			min M <sub>z</sub>	3.11	-0.01	-7.58	0.03	27.57	<b>-0.03</b>	CO 12
			max N	<b>17.46</b>	0.00	-5.81	0.00	21.14	0.00	CO 13
			min N	<b>-1.98</b>	0.00	-1.14	0.01	4.15	0.00	CO 8
			max V <sub>y</sub>	15.29	<b>0.00</b>	-3.35	0.00	12.17	0.00	CO 15
			min V <sub>y</sub>	3.11	<b>-0.01</b>	-7.58	0.03	27.57	-0.03	CO 12
			max V <sub>z</sub>	12.39	0.00	<b>0.60</b>	0.00	-2.19	0.00	CO 9
			min V <sub>z</sub>	7.27	0.00	<b>-9.86</b>	0.00	35.85	-0.01	CO 17
			max M <sub>T</sub>	3.11	-0.01	-7.58	<b>0.03</b>	27.57	-0.03	CO 12
			min M <sub>T</sub>	17.46	0.00	-5.81	<b>0.00</b>	21.14	0.00	CO 13
			max M <sub>y</sub>	7.27	0.00	-9.86	0.00	<b>35.85</b>	-0.01	CO 17
			min M <sub>y</sub>	12.39	0.00	0.60	0.00	<b>-2.19</b>	0.00	CO 9
			max M <sub>z</sub>	15.29	0.00	-3.35	0.00	12.17	<b>0.00</b>	CO 15
			min M <sub>z</sub>	3.11	-0.01	-7.58	0.03	27.57	<b>-0.03</b>	CO 12
	1949	5.452	max N	<b>17.84</b>	0.00	-17.46	0.00	0.00	0.00	CO 13
			min N	<b>-1.91</b>	0.00	-3.43	0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	15.50	<b>0.00</b>	-10.06	0.00	0.00	0.00	CO 15
			min V <sub>y</sub>	3.62	<b>-0.03</b>	-22.75	0.01	0.00	0.00	CO 12
			max V <sub>z</sub>	12.35	0.00	<b>1.81</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	7.97	-0.01	<b>-29.60</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	3.62	-0.03	-22.75	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	15.50	0.00	-10.06	<b>0.00</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	1.04	0.00	-5.20	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	3.62	-0.03	-22.75	0.01	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	3.62	-0.03	-22.75	0.01	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	17.84	0.00	-17.46	0.00	0.00	<b>0.00</b>	CO 13
	1949	5.452	Max N	<b>17.84</b>	0.00	-17.46	0.00	0.00	0.00	CO 13
	1946	0.000	Min N	<b>-2.10</b>	0.00	3.43	0.01	0.00	0.00	CO 8
	1946	0.000	Max V <sub>y</sub>	2.36	<b>0.01</b>	22.76	0.01	0.00	0.00	CO 12
	1949	5.452	Min V <sub>y</sub>	3.62	<b>-0.03</b>	-22.75	0.01	0.00	0.00	CO 12
	1946	0.000	Max V <sub>z</sub>	6.33	0.01	<b>29.60</b>	0.00	0.00	0.00	CO 17
	1949	5.452	Min V <sub>z</sub>	7.97	-0.01	<b>-29.60</b>	0.00	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		2.596	Max M <sub>T</sub>	2.85	0.00	1.08	<b>0.03</b>	30.94	-0.03	CO 12
		2.596	Min M <sub>T</sub>	17.27	0.00	0.83	<b>0.00</b>	23.73	0.00	CO 13
		2.726	Max M <sub>y</sub>	6.97	0.00	0.00	0.00	<b>40.33</b>	-0.01	CO 17
		2.726	Min M <sub>y</sub>	12.40	0.00	0.00	0.00	<b>-2.47</b>	0.00	CO 9
		4.154	Max M <sub>z</sub>	15.35	0.00	-5.26	0.00	9.94	<b>0.00</b>	CO 15
		3.375	Min M <sub>z</sub>	3.04	-0.01	-5.42	0.03	29.25	<b>-0.03</b>	CO 12
2287	1608	0.000	max N	<b>78.35</b>	0.00	-3.33	0.00	1.06	0.00	CO 19
			min N	<b>-5.23</b>	-0.16	-2.87	-0.13	0.85	0.06	CO 8
			max V <sub>y</sub>	32.20	<b>0.00</b>	-1.44	0.00	0.47	0.00	CO 2
			min V <sub>y</sub>	-5.23	<b>-0.16</b>	-2.87	-0.13	0.85	0.06	CO 8
			max V <sub>z</sub>	13.65	-0.01	<b>0.13</b>	-0.02	-0.07	0.01	CO 9
			min V <sub>z</sub>	46.34	-0.15	<b>-5.43</b>	-0.12	1.67	0.06	CO 12
			max M <sub>T</sub>	77.64	0.00	-3.70	<b>0.01</b>	1.19	0.00	CO 17
			min M <sub>T</sub>	-5.23	-0.16	-2.87	<b>-0.13</b>	0.85	0.06	CO 8
			max M <sub>y</sub>	46.34	-0.15	-5.43	-0.12	<b>1.67</b>	0.06	CO 12
			min M <sub>y</sub>	13.65	-0.01	0.13	-0.02	<b>-0.07</b>	0.01	CO 9
			max M <sub>z</sub>	14.54	-0.15	-3.84	-0.12	1.16	<b>0.06</b>	CO 10
			min M <sub>z</sub>	57.85	0.00	-2.74	0.01	0.89	<b>0.00</b>	CO 16
	1935	1.129	max N	<b>78.47</b>	0.00	-3.64	0.00	-2.82	0.00	CO 19
			min N	<b>-5.11</b>	-0.15	-3.04	-0.12	-2.49	0.23	CO 8
			max V <sub>y</sub>	32.33	<b>0.00</b>	-1.64	0.00	-1.26	0.00	CO 2
			min V <sub>y</sub>	46.45	<b>-0.16</b>	-5.74	-0.12	-4.58	0.24	CO 12
			max V <sub>z</sub>	13.77	-0.01	<b>-0.05</b>	-0.02	-0.02	0.01	CO 9
			min V <sub>z</sub>	46.45	-0.16	<b>-5.74</b>	-0.12	-4.58	0.24	CO 12
			max M <sub>T</sub>	77.75	0.00	-4.02	<b>0.01</b>	-3.10	-0.01	CO 17
			min M <sub>T</sub>	-5.11	-0.15	-3.04	<b>-0.12</b>	-2.49	0.23	CO 8
			max M <sub>y</sub>	13.77	-0.01	-0.05	-0.02	<b>-0.02</b>	0.01	CO 9
			min M <sub>y</sub>	46.45	-0.16	-5.74	-0.12	<b>-4.58</b>	0.24	CO 12
			max M <sub>z</sub>	26.68	-0.16	-4.71	-0.12	-3.78	<b>0.24</b>	CO 14
			min M <sub>z</sub>	77.75	0.00	-4.02	0.01	-3.10	<b>-0.01</b>	CO 17
	1935	1.129	Max N	<b>78.47</b>	0.00	-3.64	0.00	-2.82	0.00	CO 19
	1608	0.000	Min N	<b>-5.23</b>	-0.16	-2.87	-0.13	0.85	0.06	CO 8
	1935	1.129	Max V <sub>y</sub>	32.33	<b>0.00</b>	-1.64	0.00	-1.26	0.00	CO 2
	1935	1.129	Min V <sub>y</sub>	46.45	<b>-0.16</b>	-5.74	-0.12	-4.58	0.24	CO 12
	1608	0.000	Max V <sub>z</sub>	13.65	-0.01	<b>0.13</b>	-0.02	-0.07	0.01	CO 9
	1935	1.129	Min V <sub>z</sub>	46.45	-0.16	<b>-5.74</b>	-0.12	-4.58	0.24	CO 12
	1608	0.000	Max M <sub>T</sub>	77.64	0.00	-3.70	<b>0.01</b>	1.19	0.00	CO 17
	1608	0.000	Min M <sub>T</sub>	-5.23	-0.16	-2.87	<b>-0.13</b>	0.85	0.06	CO 8
	1608	0.000	Max M <sub>y</sub>	46.34	-0.15	-5.43	-0.12	<b>1.67</b>	0.06	CO 12
	1935	1.129	Min M <sub>y</sub>	46.45	-0.16	-5.74	-0.12	<b>-4.58</b>	0.24	CO 12
	1935	1.129	Max M <sub>z</sub>	26.68	-0.16	-4.71	-0.12	-3.78	<b>0.24</b>	CO 14

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1935	1.129	Min M <sub>z</sub>	77.75	0.00	-4.02	0.01	-3.10	<b>-0.01</b>	CO 17
2288	1950	0.000	max N	<b>12.59</b>	-0.02	5.90	0.00	0.00	0.00	CO 11
			min N	<b>-11.21</b>	0.02	15.62	-0.01	0.00	0.00	CO 14
			max V <sub>y</sub>	-10.87	<b>0.03</b>	24.64	-0.01	0.00	0.00	CO 12
			min V <sub>y</sub>	12.59	<b>-0.02</b>	5.90	0.00	0.00	0.00	CO 11
			max V <sub>z</sub>	-0.71	0.01	<b>37.35</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	12.31	-0.02	<b>-3.07</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	11.54	-0.01	11.52	<b>0.00</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	-10.18	0.01	9.97	<b>-0.01</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	11.54	-0.01	11.52	0.00	<b>0.00</b>	0.00	CO 15
			min M <sub>y</sub>	-10.18	0.01	9.97	-0.01	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	-10.87	0.03	24.64	-0.01	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	11.54	-0.01	11.52	0.00	0.00	<b>0.00</b>	CO 15
			max N	<b>12.59</b>	-0.02	5.90	0.00	0.00	0.00	CO 11
			min N	<b>-11.21</b>	0.02	15.62	-0.01	0.00	0.00	CO 14
			max V <sub>y</sub>	-10.87	<b>0.03</b>	24.64	-0.01	0.00	0.00	CO 12
			min V <sub>y</sub>	12.59	<b>-0.02</b>	5.90	0.00	0.00	0.00	CO 11
			max V <sub>z</sub>	-0.71	0.01	<b>37.35</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	12.31	-0.02	<b>-3.07</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	11.54	-0.01	11.52	<b>0.00</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	-10.18	0.01	9.97	<b>-0.01</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	-0.71	0.01	37.35	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	12.31	-0.02	-3.07	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-10.87	0.03	24.64	-0.01	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	11.54	-0.01	11.52	0.00	0.00	<b>0.00</b>	CO 15
		2.067	max N	<b>12.62</b>	-0.02	4.31	0.00	10.55	0.04	CO 11
			min N	<b>-11.03</b>	0.01	7.30	-0.01	23.69	-0.03	CO 14
			max V <sub>y</sub>	-6.64	<b>0.01</b>	13.79	-0.01	48.88	-0.04	CO 18
			min V <sub>y</sub>	12.62	<b>-0.02</b>	4.31	0.00	10.55	0.04	CO 11
			max V <sub>z</sub>	-0.36	0.01	<b>14.87</b>	0.00	53.96	-0.02	CO 17
			min V <sub>z</sub>	12.20	-0.02	<b>0.96</b>	0.00	-2.18	0.04	CO 9
			max M <sub>T</sub>	-0.36	0.01	14.87	<b>0.00</b>	53.96	-0.02	CO 17
			min M <sub>T</sub>	-10.60	0.01	10.66	<b>-0.02</b>	36.50	-0.04	CO 12
			max M <sub>y</sub>	-0.36	0.01	14.87	0.00	<b>53.96</b>	-0.02	CO 17
			min M <sub>y</sub>	12.20	-0.02	0.96	0.00	<b>-2.18</b>	0.04	CO 9
			max M <sub>z</sub>	12.62	-0.02	4.31	0.00	10.55	<b>0.04</b>	CO 11
			min M <sub>z</sub>	-6.64	0.01	13.79	-0.01	48.88	<b>-0.04</b>	CO 18
			max N	<b>12.73</b>	0.02	0.50	0.00	10.54	0.04	CO 11
			min N	<b>-10.90</b>	0.05	2.33	-0.01	23.61	-0.03	CO 14
			max V <sub>y</sub>	-9.96	<b>0.07</b>	1.24	-0.01	15.47	0.00	CO 10
			min V <sub>y</sub>	-0.64	<b>-0.02</b>	5.37	0.00	41.04	-0.02	CO 16

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-0.17	-0.02	<b>7.16</b>	0.00	53.76	-0.02	CO 17
			min V <sub>z</sub>	12.26	0.02	<b>-1.29</b>	0.00	-2.15	0.04	CO 9
			max M <sub>T</sub>	-0.17	-0.02	7.16	<b>0.00</b>	53.76	-0.02	CO 17
			min M <sub>T</sub>	-10.43	0.06	4.13	<b>-0.02</b>	36.36	-0.04	CO 12
			max M <sub>y</sub>	-0.17	-0.02	7.16	0.00	<b>53.76</b>	-0.02	CO 17
			min M <sub>y</sub>	12.26	0.02	-1.29	0.00	<b>-2.15</b>	0.04	CO 9
			max M <sub>z</sub>	12.73	0.02	0.50	0.00	10.54	<b>0.04</b>	CO 11
			min M <sub>z</sub>	-6.45	0.03	6.09	-0.01	48.70	<b>-0.04</b>	CO 18
		3.385	max N	<b>12.75</b>	0.02	-0.50	0.00	10.53	0.02	CO 11
			min N	<b>-10.75</b>	0.05	-2.99	-0.01	23.17	-0.09	CO 14
			max V <sub>y</sub>	-10.44	<b>0.07</b>	-0.10	-0.01	2.28	-0.08	CO 8
			min V <sub>y</sub>	0.22	<b>-0.02</b>	-7.17	0.00	53.75	0.01	CO 17
			max V <sub>z</sub>	12.19	0.02	<b>1.29</b>	0.00	-2.15	0.02	CO 9
			min V <sub>z</sub>	0.22	-0.02	<b>-7.17</b>	0.00	53.75	0.01	CO 17
			max M <sub>T</sub>	0.22	-0.02	-7.17	<b>0.00</b>	53.75	0.01	CO 17
			min M <sub>T</sub>	-10.18	0.05	-4.80	<b>-0.02</b>	35.92	-0.10	CO 12
			max M <sub>y</sub>	0.22	-0.02	-7.17	0.00	<b>53.75</b>	0.01	CO 17
			min M <sub>y</sub>	12.19	0.02	1.29	0.00	<b>-2.15</b>	0.02	CO 9
			max M <sub>z</sub>	12.75	0.02	-0.50	0.00	10.53	<b>0.02</b>	CO 11
			min M <sub>z</sub>	-10.18	0.05	-4.80	-0.02	35.92	<b>-0.10</b>	CO 12
			max N	<b>12.86</b>	0.01	-4.31	0.00	10.55	0.02	CO 11
			min N	<b>-10.61</b>	-0.04	-7.97	-0.01	23.27	-0.09	CO 14
			max V <sub>y</sub>	12.86	<b>0.01</b>	-4.31	0.00	10.55	0.02	CO 11
			min V <sub>y</sub>	-9.99	<b>-0.04</b>	-11.33	-0.02	36.07	-0.10	CO 12
			max V <sub>z</sub>	12.25	0.01	<b>-0.96</b>	0.00	-2.18	0.02	CO 9
			min V <sub>z</sub>	0.46	0.00	<b>-14.87</b>	0.00	53.96	0.01	CO 17
			max M <sub>T</sub>	0.46	0.00	-14.87	<b>0.00</b>	53.96	0.01	CO 17
			min M <sub>T</sub>	-9.99	-0.04	-11.33	<b>-0.02</b>	36.07	-0.10	CO 12
			max M <sub>y</sub>	0.46	0.00	-14.87	0.00	<b>53.96</b>	0.01	CO 17
			min M <sub>y</sub>	12.25	0.01	-0.96	0.00	<b>-2.18</b>	0.02	CO 9
			max M <sub>z</sub>	12.86	0.01	-4.31	0.00	10.55	<b>0.02</b>	CO 11
			min M <sub>z</sub>	-9.99	-0.04	-11.33	-0.02	36.07	<b>-0.10</b>	CO 12
		3.852	max N	<b>12.87</b>	0.01	-4.67	0.00	8.45	0.01	CO 11
			min N	<b>-10.54</b>	-0.04	-9.85	-0.01	19.11	-0.07	CO 14
			max V <sub>y</sub>	12.87	<b>0.01</b>	-4.67	0.00	8.45	0.01	CO 11
			min V <sub>y</sub>	-9.88	<b>-0.05</b>	-14.49	-0.02	30.04	-0.08	CO 12
			max V <sub>z</sub>	12.23	0.01	<b>-0.05</b>	0.00	-2.42	0.01	CO 9
			min V <sub>z</sub>	0.66	0.00	<b>-19.95</b>	0.00	45.83	0.00	CO 17
			max M <sub>T</sub>	0.66	0.00	-19.95	<b>0.00</b>	45.83	0.00	CO 17
			min M <sub>T</sub>	-9.88	-0.05	-14.49	<b>-0.02</b>	30.04	-0.08	CO 12
			max M <sub>y</sub>	0.66	0.00	-19.95	0.00	<b>45.83</b>	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	12.23	0.01	-0.05	0.00	<b>-2.42</b>	0.01	CO 9
			max M <sub>z</sub>	12.87	0.01	-4.67	0.00	8.45	<b>0.01</b>	CO 11
			min M <sub>z</sub>	-9.88	-0.05	-14.49	-0.02	30.04	<b>-0.08</b>	CO 12
			max N	<b>12.87</b>	0.01	-4.67	0.00	8.45	0.01	CO 11
			min N	<b>-10.54</b>	-0.04	-9.85	-0.01	19.11	-0.07	CO 14
			max V <sub>y</sub>	12.87	<b>0.01</b>	-4.67	0.00	8.45	0.01	CO 11
			min V <sub>y</sub>	-9.88	<b>-0.05</b>	-14.49	-0.02	30.04	-0.08	CO 12
			max V <sub>z</sub>	12.23	0.01	<b>-0.05</b>	0.00	-2.42	0.01	CO 9
			min V <sub>z</sub>	0.66	0.00	<b>-19.95</b>	0.00	45.83	0.00	CO 17
			max M <sub>T</sub>	0.66	0.00	-19.95	<b>0.00</b>	45.83	0.00	CO 17
			min M <sub>T</sub>	-9.88	-0.05	-14.49	<b>-0.02</b>	30.04	-0.08	CO 12
			max M <sub>y</sub>	0.66	0.00	-19.95	0.00	<b>45.83</b>	0.00	CO 17
			min M <sub>y</sub>	12.23	0.01	-0.05	0.00	<b>-2.42</b>	0.01	CO 9
			max M <sub>z</sub>	12.87	0.01	-4.67	0.00	8.45	<b>0.01</b>	CO 11
			min M <sub>z</sub>	-9.88	-0.05	-14.49	-0.02	30.04	<b>-0.08</b>	CO 12
		3.950	max N	<b>12.88</b>	0.01	-4.74	0.00	7.99	0.01	CO 11
			min N	<b>-10.53</b>	-0.04	-10.24	-0.01	18.12	-0.07	CO 14
			max V <sub>y</sub>	12.88	<b>0.01</b>	-4.74	0.00	7.99	0.01	CO 11
			min V <sub>y</sub>	-9.85	<b>-0.05</b>	-15.15	-0.02	28.59	-0.07	CO 12
			max V <sub>z</sub>	12.22	0.01	<b>0.14</b>	0.00	-2.41	0.01	CO 9
			min V <sub>z</sub>	0.70	0.00	<b>-21.01</b>	0.00	43.83	0.00	CO 17
			max M <sub>T</sub>	0.70	0.00	-21.01	<b>0.00</b>	43.83	0.00	CO 17
			min M <sub>T</sub>	-9.85	-0.05	-15.15	<b>-0.02</b>	28.59	-0.07	CO 12
			max M <sub>y</sub>	0.70	0.00	-21.01	0.00	<b>43.83</b>	0.00	CO 17
			min M <sub>y</sub>	12.22	0.01	0.14	0.00	<b>-2.41</b>	0.01	CO 9
			max M <sub>z</sub>	12.88	0.01	-4.74	0.00	7.99	<b>0.01</b>	CO 11
			min M <sub>z</sub>	-9.85	-0.05	-15.15	-0.02	28.59	<b>-0.07</b>	CO 12
			max N	<b>12.88</b>	0.01	-4.74	0.00	7.99	0.01	CO 11
			min N	<b>-10.53</b>	-0.04	-10.24	-0.01	18.12	-0.07	CO 14
			max V <sub>y</sub>	12.88	<b>0.01</b>	-4.74	0.00	7.99	0.01	CO 11
			min V <sub>y</sub>	-9.85	<b>-0.05</b>	-15.15	-0.02	28.59	-0.07	CO 12
			max V <sub>z</sub>	12.22	0.01	<b>0.14</b>	0.00	-2.41	0.01	CO 9
			min V <sub>z</sub>	0.70	0.00	<b>-21.01</b>	0.00	43.83	0.00	CO 17
			max M <sub>T</sub>	0.70	0.00	-21.01	<b>0.00</b>	43.83	0.00	CO 17
			min M <sub>T</sub>	-9.85	-0.05	-15.15	<b>-0.02</b>	28.59	-0.07	CO 12
			max M <sub>y</sub>	0.70	0.00	-21.01	0.00	<b>43.83</b>	0.00	CO 17
			min M <sub>y</sub>	12.22	0.01	0.14	0.00	<b>-2.41</b>	0.01	CO 9
			max M <sub>z</sub>	12.88	0.01	-4.74	0.00	7.99	<b>0.01</b>	CO 11
			min M <sub>z</sub>	-9.85	-0.05	-15.15	-0.02	28.59	<b>-0.07</b>	CO 12
		4.752	max N	<b>12.90</b>	0.01	-5.36	0.00	3.94	0.01	CO 11
			min N	<b>-10.46</b>	-0.04	-12.19	-0.01	9.13	-0.03	CO 14

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	12.90	<b>0.01</b>	-5.36	0.00	3.94	0.01	CO 11
			min V <sub>y</sub>	-9.69	<b>-0.05</b>	-19.29	-0.01	14.77	-0.03	CO 12
			max V <sub>z</sub>	12.18	0.01	<b>1.71</b>	0.00	-1.67	0.01	CO 9
			min V <sub>z</sub>	1.06	0.00	<b>-29.73</b>	0.00	23.48	0.00	CO 17
			max M <sub>T</sub>	12.18	0.01	1.71	<b>0.00</b>	-1.67	0.01	CO 9
			min M <sub>T</sub>	-9.69	-0.05	-19.29	<b>-0.01</b>	14.77	-0.03	CO 12
			max M <sub>y</sub>	1.06	0.00	-29.73	0.00	<b>23.48</b>	0.00	CO 17
			min M <sub>y</sub>	12.18	0.01	1.71	0.00	<b>-1.67</b>	0.01	CO 9
			max M <sub>z</sub>	12.90	0.01	-5.36	0.00	3.94	<b>0.01</b>	CO 11
			min M <sub>z</sub>	-9.69	-0.05	-19.29	-0.01	14.77	<b>-0.03</b>	CO 12
			max N	<b>12.90</b>	0.01	-5.36	0.00	3.94	0.01	CO 11
			min N	<b>-10.46</b>	-0.04	-12.19	-0.01	9.13	-0.03	CO 14
			max V <sub>y</sub>	12.90	<b>0.01</b>	-5.36	0.00	3.94	0.01	CO 11
			min V <sub>y</sub>	-9.69	<b>-0.05</b>	-19.29	-0.01	14.77	-0.03	CO 12
			max V <sub>z</sub>	12.18	0.01	<b>1.71</b>	0.00	-1.67	0.01	CO 9
			min V <sub>z</sub>	1.06	0.00	<b>-29.73</b>	0.00	23.48	0.00	CO 17
			max M <sub>T</sub>	12.18	0.01	1.71	<b>0.00</b>	-1.67	0.01	CO 9
			min M <sub>T</sub>	-9.69	-0.05	-19.29	<b>-0.01</b>	14.77	-0.03	CO 12
			max M <sub>y</sub>	1.06	0.00	-29.73	0.00	<b>23.48</b>	0.00	CO 17
			min M <sub>y</sub>	12.18	0.01	1.71	0.00	<b>-1.67</b>	0.01	CO 9
			max M <sub>z</sub>	12.90	0.01	-5.36	0.00	3.94	<b>0.01</b>	CO 11
			min M <sub>z</sub>	-9.69	-0.05	-19.29	-0.01	14.77	<b>-0.03</b>	CO 12
		5.452	max N	<b>13.01</b>	0.01	-20.49	0.00	0.00	0.00	CO 13
			min N	<b>-10.46</b>	-0.04	0.79	-0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	12.91	<b>0.01</b>	-5.90	0.00	0.00	0.00	CO 11
			min V <sub>y</sub>	-9.57	<b>-0.05</b>	-22.90	-0.01	0.00	0.00	CO 12
			max V <sub>z</sub>	12.14	0.01	<b>3.07</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	1.35	0.00	<b>-37.34</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	12.18	0.01	-11.52	<b>0.00</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	-9.68	-0.04	-8.23	<b>-0.01</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	1.35	0.00	-37.34	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	12.14	0.01	3.07	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	12.18	0.01	-11.52	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	-9.57	-0.05	-22.90	-0.01	0.00	<b>0.00</b>	CO 12
	1953		max N	<b>13.01</b>	0.01	-20.49	0.00	0.00	0.00	CO 13
			min N	<b>-10.46</b>	-0.04	0.79	-0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	12.91	<b>0.01</b>	-5.90	0.00	0.00	0.00	CO 11
			min V <sub>y</sub>	-9.57	<b>-0.05</b>	-22.90	-0.01	0.00	0.00	CO 12
			max V <sub>z</sub>	12.14	0.01	<b>3.07</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	1.35	0.00	<b>-37.34</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	12.18	0.01	-11.52	<b>0.00</b>	0.00	0.00	CO 15



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-9.68	-0.04	-8.23	<b>-0.01</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	12.18	0.01	-11.52	0.00	<b>0.00</b>	0.00	CO 15
			min M <sub>y</sub>	-9.68	-0.04	-8.23	-0.01	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	12.18	0.01	-11.52	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	-9.57	-0.05	-22.90	-0.01	0.00	<b>0.00</b>	CO 12
		5.452	Max N	<b>13.01</b>	0.01	-20.49	0.00	0.00	0.00	CO 13
	1950	0.000	Min N	<b>-11.21</b>	0.02	15.62	-0.01	0.00	0.00	CO 14
		2.067	Max V <sub>y</sub>	-9.96	<b>0.07</b>	1.24	-0.01	15.47	0.00	CO 10
		4.986	Min V <sub>y</sub>	-9.65	<b>-0.05</b>	-20.50	-0.01	10.13	-0.02	CO 12
	1950	0.000	Max V <sub>z</sub>	-0.71	0.01	<b>37.35</b>	0.00	0.00	0.00	CO 17
	1953	5.452	Min V <sub>z</sub>	1.35	0.00	<b>-37.34</b>	0.00	0.00	0.00	CO 17
		2.858	Max M <sub>T</sub>	0.04	-0.02	-1.44	<b>0.00</b>	56.02	0.00	CO 17
		2.858	Min M <sub>T</sub>	-10.29	0.05	-1.23	<b>-0.02</b>	37.51	-0.08	CO 12
		2.726	Max M <sub>y</sub>	0.00	-0.02	0.00	0.00	<b>56.12</b>	-0.01	CO 17
		2.858	Min M <sub>y</sub>	12.22	0.02	0.26	0.00	<b>-2.55</b>	0.02	CO 9
		2.067	Max M <sub>z</sub>	12.73	0.02	0.50	0.00	10.54	<b>0.04</b>	CO 11
		3.385	Min M <sub>z</sub>	-9.99	-0.04	-11.33	-0.02	36.07	<b>-0.10</b>	CO 12
2291	598	0.000	max N	<b>0.74</b>	-1.53	-11.29	0.00	-1.31	-0.04	CO 9
			min N	<b>-71.24</b>	0.96	2.15	0.00	-0.30	0.06	CO 17
			max V <sub>y</sub>	-52.77	<b>39.79</b>	17.40	0.01	-2.52	7.90	CO 12
			min V <sub>y</sub>	0.74	<b>-1.53</b>	-11.29	0.00	-1.31	-0.04	CO 9
			max V <sub>z</sub>	-26.21	39.30	<b>17.44</b>	0.01	-2.51	7.76	CO 10
			min V <sub>z</sub>	-25.82	-1.23	<b>-11.37</b>	0.00	-1.31	0.07	CO 15
			max M <sub>T</sub>	-26.21	39.30	17.44	<b>0.01</b>	-2.51	7.76	CO 10
			min M <sub>T</sub>	-54.79	0.60	0.69	<b>0.00</b>	-0.10	-0.01	CO 16
			max M <sub>y</sub>	-54.79	0.60	0.69	0.00	<b>-0.10</b>	-0.01	CO 16
			min M <sub>y</sub>	-52.77	39.79	17.40	0.01	<b>-2.52</b>	7.90	CO 12
			max M <sub>z</sub>	-52.77	39.79	17.40	0.01	-2.52	<b>7.90</b>	CO 12
			min M <sub>z</sub>	-16.86	0.15	0.80	0.00	-0.11	<b>-0.18</b>	CO 1
		0.150	max N	<b>0.89</b>	-1.53	-11.94	0.00	-3.05	0.19	CO 9
			min N	<b>-71.09</b>	0.96	2.15	0.00	0.02	-0.08	CO 17
			max V <sub>y</sub>	-52.61	<b>39.79</b>	18.14	0.00	0.15	1.93	CO 12
			min V <sub>y</sub>	0.89	<b>-1.53</b>	-11.94	0.00	-3.05	0.19	CO 9
			max V <sub>z</sub>	-26.05	39.30	<b>18.18</b>	0.00	0.16	1.86	CO 10
			min V <sub>z</sub>	-25.66	-1.23	<b>-12.02</b>	0.00	-3.06	0.26	CO 15
			max M <sub>T</sub>	0.89	-1.53	-11.94	<b>0.00</b>	-3.05	0.19	CO 9
			min M <sub>T</sub>	-50.39	23.96	10.27	<b>0.00</b>	0.08	1.12	CO 20
			max M <sub>y</sub>	-26.05	39.30	18.18	0.00	<b>0.16</b>	1.86	CO 10
			min M <sub>y</sub>	-25.66	-1.23	-12.02	0.00	<b>-3.06</b>	0.26	CO 15
			max M <sub>z</sub>	-52.61	39.79	18.14	0.00	0.15	<b>1.93</b>	CO 12
			min M <sub>z</sub>	-16.70	0.15	0.80	0.00	0.01	<b>-0.20</b>	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max N	<b>3.51</b>	0.18	6.74	0.00	-3.05	0.22	CO 9
			min N	<b>-68.59</b>	6.96	0.02	0.00	0.00	-0.11	CO 17
			max V <sub>y</sub>	-49.11	<b>13.23</b>	-0.67	0.00	0.06	1.72	CO 12
			min V <sub>y</sub>	3.51	<b>0.18</b>	6.74	0.00	-3.05	0.22	CO 9
			max V <sub>z</sub>	-39.61	4.95	<b>6.76</b>	0.00	-3.05	0.29	CO 13
			min V <sub>z</sub>	-5.99	8.43	<b>-0.73</b>	0.00	0.07	1.64	CO 8
			max M <sub>T</sub>	-12.98	1.76	6.74	<b>0.00</b>	-3.05	0.22	CO 11
			min M <sub>T</sub>	-52.10	5.38	0.01	<b>0.00</b>	0.00	-0.11	CO 16
			max M <sub>y</sub>	-5.99	8.43	-0.73	0.00	<b>0.07</b>	1.64	CO 8
			min M <sub>y</sub>	-39.61	4.95	6.76	0.00	<b>-3.05</b>	0.29	CO 13
			max M <sub>z</sub>	-49.11	13.23	-0.67	0.00	0.06	<b>1.72</b>	CO 12
			min M <sub>z</sub>	-14.05	0.83	0.00	0.00	0.00	<b>-0.21</b>	CO 1
	1646	0.300	max N	<b>3.66</b>	0.18	6.09	0.00	-2.08	0.19	CO 9
			min N	<b>-68.43</b>	6.96	0.02	0.00	0.00	-1.15	CO 17
			max V <sub>y</sub>	-48.95	<b>13.23</b>	0.07	0.00	0.01	-0.27	CO 12
			min V <sub>y</sub>	3.66	<b>0.18</b>	6.09	0.00	-2.08	0.19	CO 9
			max V <sub>z</sub>	-39.46	4.95	<b>6.11</b>	0.00	-2.08	-0.45	CO 13
			min V <sub>z</sub>	-13.90	0.83	<b>0.00</b>	0.00	0.00	-0.34	CO 1
			max M <sub>T</sub>	-12.83	1.76	6.09	<b>0.00</b>	-2.08	-0.05	CO 11
			min M <sub>T</sub>	-63.59	11.55	0.06	<b>0.00</b>	0.01	-0.73	CO 18
			max M <sub>y</sub>	-22.32	10.02	0.03	0.00	<b>0.01</b>	0.14	CO 10
			min M <sub>y</sub>	-22.97	3.37	6.10	0.00	<b>-2.08</b>	-0.22	CO 15
			max M <sub>z</sub>	-5.83	8.43	0.01	0.00	0.01	<b>0.37</b>	CO 8
			min M <sub>z</sub>	-68.43	6.96	0.02	0.00	0.00	<b>-1.15</b>	CO 17
	1646	0.300	Max N	<b>3.66</b>	0.18	6.09	0.00	-2.08	0.19	CO 9
	598	0.000	Min N	<b>-71.24</b>	0.96	2.15	0.00	-0.30	0.06	CO 17
		0.150	Max V <sub>y</sub>	-52.61	<b>39.79</b>	18.14	0.00	0.15	1.93	CO 12
		0.150	Min V <sub>y</sub>	0.89	<b>-1.53</b>	-11.94	0.00	-3.05	0.19	CO 9
		0.150	Max V <sub>z</sub>	-26.05	39.30	<b>18.18</b>	0.00	0.16	1.86	CO 10
		0.150	Min V <sub>z</sub>	-25.66	-1.23	<b>-12.02</b>	0.00	-3.06	0.26	CO 15
	598	0.000	Max M <sub>T</sub>	-26.21	39.30	17.44	<b>0.01</b>	-2.51	7.76	CO 10
		0.150	Min M <sub>T</sub>	-50.39	23.96	10.27	<b>0.00</b>	0.08	1.12	CO 20
		0.150	Max M <sub>y</sub>	-26.05	39.30	18.18	0.00	<b>0.16</b>	1.86	CO 10
		0.150	Min M <sub>y</sub>	-25.66	-1.23	-12.02	0.00	<b>-3.06</b>	0.26	CO 15
	598	0.000	Max M <sub>z</sub>	-52.77	39.79	17.40	0.01	-2.52	<b>7.90</b>	CO 12
	1646	0.300	Min M <sub>z</sub>	-68.43	6.96	0.02	0.00	0.00	<b>-1.15</b>	CO 17
2293	599	0.000	max N	<b>0.38</b>	11.06	-5.65	0.00	-0.55	3.08	CO 9
			min N	<b>-39.73</b>	0.02	1.00	0.00	-0.15	5.70	CO 17
			max V <sub>y</sub>	-8.64	<b>11.58</b>	-4.90	0.00	-0.66	4.62	CO 11
			min V <sub>y</sub>	-15.92	<b>-6.52</b>	7.37	0.01	-1.12	1.03	CO 14
			max V <sub>z</sub>	-24.94	-6.00	<b>8.13</b>	0.01	-1.23	2.57	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	0.38	11.06	<b>-5.65</b>	0.00	-0.55	3.08	CO 9
			max M <sub>T</sub>	-24.94	-6.00	8.13	<b>0.01</b>	-1.23	2.57	CO 12
			min M <sub>T</sub>	0.38	11.06	-5.65	<b>0.00</b>	-0.55	3.08	CO 9
			max M <sub>y</sub>	-9.82	0.06	0.24	0.00	<b>-0.04</b>	1.16	CO 1
			min M <sub>y</sub>	-24.94	-6.00	8.13	0.01	<b>-1.23</b>	2.57	CO 12
			max M <sub>z</sub>	-33.62	6.63	-2.53	0.00	-0.46	<b>6.86</b>	CO 19
			min M <sub>z</sub>	-1.29	-6.13	7.36	0.00	-1.12	<b>-1.07</b>	CO 8
		0.150	max N	<b>0.53</b>	11.64	-5.98	0.00	-1.42	1.38	CO 9
			min N	<b>-39.58</b>	0.02	1.00	0.00	0.00	5.69	CO 17
			max V <sub>y</sub>	-8.48	<b>12.16</b>	-5.23	0.00	-1.42	2.84	CO 11
			min V <sub>y</sub>	-15.76	<b>-6.91</b>	7.74	0.01	0.02	2.04	CO 14
			max V <sub>z</sub>	-24.78	-6.39	<b>8.50</b>	0.01	0.01	3.50	CO 12
			min V <sub>z</sub>	0.53	11.64	<b>-5.98</b>	0.00	-1.42	1.38	CO 9
			max M <sub>T</sub>	-24.78	-6.39	8.50	<b>0.01</b>	0.01	3.50	CO 12
			min M <sub>T</sub>	-8.48	12.16	-5.23	<b>0.00</b>	-1.42	2.84	CO 11
			max M <sub>y</sub>	-1.14	-6.51	7.73	0.01	<b>0.02</b>	-0.12	CO 8
			min M <sub>y</sub>	-23.11	11.78	-5.22	0.00	<b>-1.42</b>	5.00	CO 13
			max M <sub>z</sub>	-33.46	6.98	-2.73	0.00	-0.85	<b>5.83</b>	CO 19
			min M <sub>z</sub>	-1.14	-6.51	7.73	0.01	0.02	<b>-0.12</b>	CO 8
			max N	<b>1.65</b>	11.64	3.71	0.00	-1.42	1.33	CO 9
			min N	<b>-38.46</b>	0.02	0.00	0.00	0.00	5.61	CO 17
			max V <sub>y</sub>	-7.36	<b>12.16</b>	3.71	0.00	-1.42	2.76	CO 11
			min V <sub>y</sub>	-14.65	<b>-6.92</b>	-0.33	0.01	0.02	1.93	CO 14
			max V <sub>z</sub>	-21.99	11.78	<b>3.71</b>	0.00	-1.42	4.89	CO 13
			min V <sub>z</sub>	-0.02	-6.52	<b>-0.34</b>	0.01	0.02	-0.20	CO 8
			max M <sub>T</sub>	-23.67	-6.40	-0.33	<b>0.01</b>	0.01	3.36	CO 12
			min M <sub>T</sub>	-7.36	12.16	3.71	<b>0.00</b>	-1.42	2.76	CO 11
			max M <sub>y</sub>	-0.02	-6.52	-0.34	0.01	<b>0.02</b>	-0.20	CO 8
			min M <sub>y</sub>	-21.99	11.78	3.71	0.00	<b>-1.42</b>	4.89	CO 13
			max M <sub>z</sub>	-32.34	6.98	2.23	0.00	-0.85	<b>5.73</b>	CO 19
			min M <sub>z</sub>	-0.02	-6.52	-0.34	0.01	0.02	<b>-0.20</b>	CO 8
	1697	0.300	max N	<b>1.81</b>	12.22	3.39	0.00	-0.89	-0.46	CO 9
			min N	<b>-38.31</b>	0.02	0.00	0.00	0.00	5.60	CO 17
			max V <sub>y</sub>	-7.21	<b>12.74</b>	3.39	0.00	-0.89	0.89	CO 11
			min V <sub>y</sub>	-14.49	<b>-7.30</b>	0.04	0.01	-0.01	3.00	CO 14
			max V <sub>z</sub>	-21.83	12.36	<b>3.39</b>	0.00	-0.89	3.08	CO 13
			min V <sub>z</sub>	-29.29	-0.50	<b>0.00</b>	0.00	0.00	4.25	CO 16
			max M <sub>T</sub>	-23.51	-6.78	0.04	<b>0.01</b>	-0.01	4.35	CO 12
			min M <sub>T</sub>	-7.21	12.74	3.39	<b>0.00</b>	-0.89	0.89	CO 11
			max M <sub>y</sub>	-29.29	-0.50	0.00	0.00	<b>0.00</b>	4.25	CO 16
			min M <sub>y</sub>	-7.21	12.74	3.39	0.00	<b>-0.89</b>	0.89	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-38.31	0.02	0.00	0.00	0.00	<b>5.60</b>	CO 17
			min M <sub>z</sub>	1.81	12.22	3.39	0.00	-0.89	<b>-0.46</b>	CO 9
	1697	0.300	Max N	<b>1.81</b>	12.22	3.39	0.00	-0.89	-0.46	CO 9
	599	0.000	Min N	<b>-39.73</b>	0.02	1.00	0.00	-0.15	5.70	CO 17
	1697	0.300	Max V <sub>y</sub>	-7.21	<b>12.74</b>	3.39	0.00	-0.89	0.89	CO 11
	1697	0.300	Min V <sub>y</sub>	-14.49	<b>-7.30</b>	0.04	0.01	-0.01	3.00	CO 14
		0.150	Max V <sub>z</sub>	-24.78	-6.39	<b>8.50</b>	0.01	0.01	3.50	CO 12
		0.150	Min V <sub>z</sub>	0.53	11.64	<b>-5.98</b>	0.00	-1.42	1.38	CO 9
	1697	0.300	Max M <sub>T</sub>	-23.51	-6.78	0.04	<b>0.01</b>	-0.01	4.35	CO 12
		0.150	Min M <sub>T</sub>	-7.36	12.16	3.71	<b>0.00</b>	-1.42	2.76	CO 11
		0.150	Max M <sub>y</sub>	-1.14	-6.51	7.73	0.01	<b>0.02</b>	-0.12	CO 8
		0.150	Min M <sub>y</sub>	-21.99	11.78	3.71	0.00	<b>-1.42</b>	4.89	CO 13
	599	0.000	Max M <sub>z</sub>	-33.62	6.63	-2.53	0.00	-0.46	<b>6.86</b>	CO 19
	599	0.000	Min M <sub>z</sub>	-1.29	-6.13	7.36	0.00	-1.12	<b>-1.07</b>	CO 8
2294	1696	0.000	max N	<b>-0.94</b>	0.00	-4.36	0.00	1.14	0.00	CO 12
			min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	-0.94	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.94	<b>0.00</b>	-4.36	0.00	1.14	0.00	CO 8
			max V <sub>z</sub>	-0.94	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.94	0.00	<b>-4.36</b>	0.00	1.14	0.00	CO 12
			max M <sub>T</sub>	-0.94	0.00	-4.36	<b>0.00</b>	1.14	0.00	CO 8
			min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.94	0.00	-4.36	0.00	<b>1.14</b>	0.00	CO 12
			min M <sub>y</sub>	-0.94	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-0.94	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.94	0.00	-4.36	0.00	1.14	<b>0.00</b>	CO 8
	1930	0.522	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1930	0.522	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1696	0.000	Min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1696	0.000	Max V <sub>y</sub>	-0.94	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1696	0.000	Min V <sub>y</sub>	-0.94	<b>0.00</b>	-4.36	0.00	1.14	0.00	CO 8
	1930	0.522	Max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
	1696	0.000	Min V <sub>z</sub>	-0.94	0.00	<b>-4.36</b>	0.00	1.14	0.00	CO 12
	1696	0.000	Max M <sub>T</sub>	-0.94	0.00	-4.36	<b>0.00</b>	1.14	0.00	CO 8
	1696	0.000	Min M <sub>T</sub>	-0.94	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	1696	0.000	Max M <sub>y</sub>	-0.94	0.00	-4.36	0.00	<b>1.14</b>	0.00	CO 12
	1930	0.522	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
	1696	0.000	Max M <sub>z</sub>	-0.94	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 9
	1696	0.000	Min M <sub>z</sub>	-0.94	0.00	-4.36	0.00	1.14	<b>0.00</b>	CO 8
2299	1943	0.000	max N	<b>-1.80</b>	-6.50	0.00	0.00	0.00	-3.25	CO 11
			min N	<b>-1.81</b>	0.00	4.06	0.00	-2.03	0.00	CO 18
			max V <sub>y</sub>	-1.81	<b>0.00</b>	6.76	0.00	-3.38	0.00	CO 12
			min V <sub>y</sub>	-1.80	<b>-6.50</b>	0.00	0.00	0.00	-3.25	CO 11
			max V <sub>z</sub>	-1.80	0.00	<b>6.76</b>	0.00	-3.38	0.00	CO 8
			min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-1.80	-6.50	0.00	<b>0.00</b>	0.00	-3.25	CO 13
			min M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-1.80	0.00	6.76	0.00	<b>-3.38</b>	0.00	CO 8
			max M <sub>z</sub>	-1.81	0.00	6.76	0.00	-3.38	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-1.80	-6.50	0.00	0.00	0.00	<b>-3.25</b>	CO 11
	1944	1.000	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1944	1.000	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1943	0.000	Min N	<b>-1.81</b>	0.00	4.06	0.00	-2.03	0.00	CO 18
	1943	0.000	Max V <sub>y</sub>	-1.81	<b>0.00</b>	6.76	0.00	-3.38	0.00	CO 12
	1943	0.000	Min V <sub>y</sub>	-1.80	<b>-6.50</b>	0.00	0.00	0.00	-3.25	CO 11
	1943	0.000	Max V <sub>z</sub>	-1.80	0.00	<b>6.76</b>	0.00	-3.38	0.00	CO 8
	1943	0.000	Min V <sub>z</sub>	-1.80	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 17
	1943	0.000	Max M <sub>T</sub>	-1.80	-6.50	0.00	<b>0.00</b>	0.00	-3.25	CO 13
	1943	0.000	Min M <sub>T</sub>	-1.80	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1943	0.000	Max M <sub>y</sub>	-1.80	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 17
	1943	0.000	Min M <sub>y</sub>	-1.80	0.00	6.76	0.00	<b>-3.38</b>	0.00	CO 8
	1943	0.000	Max M <sub>z</sub>	-1.81	0.00	6.76	0.00	-3.38	<b>0.00</b>	CO 12
	1943	0.000	Min M <sub>z</sub>	-1.80	-6.50	0.00	0.00	0.00	<b>-3.25</b>	CO 11
2301	1697	0.000	max N	<b>-0.94</b>	0.00	-3.53	0.00	0.92	0.00	CO 12
			min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	-0.94	<b>3.39</b>	0.00	0.00	0.00	0.89	CO 11
			min V <sub>y</sub>	-0.94	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 16
			max V <sub>z</sub>	-0.94	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.94	0.00	<b>-3.53</b>	0.00	0.92	0.00	CO 12
			max M <sub>T</sub>	-0.94	0.00	-3.53	<b>0.00</b>	0.92	0.00	CO 10
			min M <sub>T</sub>	-0.94	3.39	0.00	<b>0.00</b>	0.00	0.89	CO 13
			max M <sub>y</sub>	-0.94	0.00	-3.53	0.00	<b>0.92</b>	0.00	CO 12
			min M <sub>y</sub>	-0.94	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-0.94	3.39	0.00	0.00	0.00	<b>0.89</b>	CO 11
			min M <sub>z</sub>	-0.94	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 16
	1945	0.522	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1945	0.522	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1697	0.000	Min N	<b>-0.94</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1697	0.000	Max V <sub>y</sub>	-0.94	<b>3.39</b>	0.00	0.00	0.00	0.89	CO 11
	1945	0.522	Min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
	1945	0.522	Max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
	1697	0.000	Min V <sub>z</sub>	-0.94	0.00	<b>-3.53</b>	0.00	0.92	0.00	CO 12
	1697	0.000	Max M <sub>T</sub>	-0.94	0.00	-3.53	<b>0.00</b>	0.92	0.00	CO 10
	1697	0.000	Min M <sub>T</sub>	-0.94	3.39	0.00	<b>0.00</b>	0.00	0.89	CO 13
	1697	0.000	Max M <sub>y</sub>	-0.94	0.00	-3.53	0.00	<b>0.92</b>	0.00	CO 12
	1945	0.522	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
	1697	0.000	Max M <sub>z</sub>	-0.94	3.39	0.00	0.00	0.00	<b>0.89</b>	CO 11
	1945	0.522	Min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
2303	1957	0.000	max N	<b>43.77</b>	0.00	1.03	-0.11	0.00	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>1.67</b>	0.00	1.12	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	37.72	<b>0.00</b>	1.04	-0.11	0.00	0.00	CO 8
			min V <sub>y</sub>	8.73	<b>0.00</b>	1.10	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	1.67	0.00	<b>1.12</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	43.77	0.00	<b>1.03</b>	-0.11	0.00	0.00	CO 12
			max M <sub>T</sub>	5.76	0.00	1.11	<b>0.00</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	40.77	0.00	1.04	<b>-0.11</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	16.25	0.00	1.08	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	37.72	0.00	1.04	-0.11	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	37.72	0.00	1.04	-0.11	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	5.76	0.00	1.11	0.00	0.00	<b>0.00</b>	CO 16
	1955	6.000	max N	<b>43.77</b>	0.00	-1.03	-0.11	0.00	0.00	CO 12
			min N	<b>1.67</b>	0.00	-1.12	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	8.73	<b>0.00</b>	-1.10	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	37.72	<b>0.00</b>	-1.04	-0.11	0.00	0.00	CO 8
			max V <sub>z</sub>	43.77	0.00	<b>-1.03</b>	-0.11	0.00	0.00	CO 12
			min V <sub>z</sub>	1.67	0.00	<b>-1.12</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	5.76	0.00	-1.11	<b>0.00</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	40.77	0.00	-1.04	<b>-0.11</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	16.25	0.00	-1.08	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	37.72	0.00	-1.04	-0.11	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	5.76	0.00	-1.11	0.00	0.00	<b>0.00</b>	CO 16
			min M <sub>z</sub>	40.77	0.00	-1.04	-0.11	0.00	<b>0.00</b>	CO 10
	1957	0.000	Max N	<b>43.77</b>	0.00	1.03	-0.11	0.00	0.00	CO 12
		3.000	Min N	<b>1.67</b>	0.00	0.00	0.00	1.67	0.00	CO 1
	1957	0.000	Max V <sub>y</sub>	37.72	<b>0.00</b>	1.04	-0.11	0.00	0.00	CO 8
	1955	6.000	Min V <sub>y</sub>	37.72	<b>0.00</b>	-1.04	-0.11	0.00	0.00	CO 8
	1957	0.000	Max V <sub>z</sub>	1.67	0.00	<b>1.12</b>	0.00	0.00	0.00	CO 1
	1955	6.000	Min V <sub>z</sub>	1.67	0.00	<b>-1.12</b>	0.00	0.00	0.00	CO 1
		3.000	Max M <sub>T</sub>	5.76	0.00	0.00	<b>0.00</b>	1.66	0.00	CO 16
		3.000	Min M <sub>T</sub>	40.77	0.00	0.00	<b>-0.11</b>	1.52	0.00	CO 10
		3.000	Max M <sub>y</sub>	1.67	0.00	0.00	0.00	<b>1.67</b>	0.00	CO 1
	1957	0.000	Min M <sub>y</sub>	37.72	0.00	1.04	-0.11	<b>0.00</b>	0.00	CO 8
	1957	0.000	Max M <sub>z</sub>	37.72	0.00	1.04	-0.11	0.00	<b>0.00</b>	CO 8
		2.750	Min M <sub>z</sub>	37.71	0.00	0.08	-0.11	1.52	<b>0.00</b>	CO 8
2304	1958	0.000	max N	<b>10.47</b>	0.00	1.10	0.11	0.00	0.00	CO 13
			min N	<b>0.31</b>	0.00	1.12	0.02	0.00	0.00	CO 1
			max V <sub>y</sub>	8.01	<b>0.00</b>	1.10	-0.08	0.00	0.00	CO 8
			min V <sub>y</sub>	10.47	<b>0.00</b>	1.10	0.11	0.00	0.00	CO 13
			max V <sub>z</sub>	0.31	0.00	<b>1.12</b>	0.02	0.00	0.00	CO 1
			min V <sub>z</sub>	10.47	0.00	<b>1.10</b>	0.11	0.00	0.00	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	6.80	0.00	1.10	<b>0.11</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	8.01	0.00	1.10	<b>-0.08</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	5.89	0.00	1.11	0.03	<b>0.00</b>	0.00	CO 18
			min M <sub>y</sub>	8.01	0.00	1.10	-0.08	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	8.01	0.00	1.10	-0.08	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	6.80	0.00	1.10	0.11	0.00	<b>0.00</b>	CO 19
	1954	6.000	max N	<b>10.47</b>	0.00	-1.10	0.11	0.00	0.00	CO 13
			min N	<b>0.31</b>	0.00	-1.12	0.02	0.00	0.00	CO 1
			max V <sub>y</sub>	10.47	<b>0.00</b>	-1.10	0.11	0.00	0.00	CO 13
			min V <sub>y</sub>	8.01	<b>0.00</b>	-1.10	-0.08	0.00	0.00	CO 8
			max V <sub>z</sub>	10.47	0.00	<b>-1.10</b>	0.11	0.00	0.00	CO 13
			min V <sub>z</sub>	0.31	0.00	<b>-1.12</b>	0.02	0.00	0.00	CO 1
			max M <sub>T</sub>	6.80	0.00	-1.10	<b>0.11</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	8.01	0.00	-1.10	<b>-0.08</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	5.89	0.00	-1.11	0.03	<b>0.00</b>	0.00	CO 18
			min M <sub>y</sub>	8.01	0.00	-1.10	-0.08	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	6.80	0.00	-1.10	0.11	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	8.01	0.00	-1.10	-0.08	0.00	<b>0.00</b>	CO 8
	1958	0.000	Max N	<b>10.47</b>	0.00	1.10	0.11	0.00	0.00	CO 13
		3.000	Min N	<b>0.31</b>	0.00	0.00	0.02	1.68	0.00	CO 1
	1958	0.000	Max V <sub>y</sub>	8.01	<b>0.00</b>	1.10	-0.08	0.00	0.00	CO 8
	1958	0.000	Min V <sub>y</sub>	10.47	<b>0.00</b>	1.10	0.11	0.00	0.00	CO 13
	1958	0.000	Max V <sub>z</sub>	0.31	0.00	<b>1.12</b>	0.02	0.00	0.00	CO 1
	1954	6.000	Min V <sub>z</sub>	0.31	0.00	<b>-1.12</b>	0.02	0.00	0.00	CO 1
		3.000	Max M <sub>T</sub>	6.80	0.00	0.00	<b>0.11</b>	1.65	0.00	CO 19
		3.000	Min M <sub>T</sub>	8.01	0.00	0.00	<b>-0.08</b>	1.65	0.00	CO 8
		3.000	Max M <sub>y</sub>	0.31	0.00	0.00	0.02	<b>1.68</b>	0.00	CO 1
	1958	0.000	Min M <sub>y</sub>	8.01	0.00	1.10	-0.08	<b>0.00</b>	0.00	CO 8
		2.750	Max M <sub>z</sub>	10.47	0.00	0.09	0.11	1.63	<b>0.00</b>	CO 13
		2.750	Min M <sub>z</sub>	8.01	0.00	0.09	-0.08	1.63	<b>0.00</b>	CO 8
2305	1959	0.000	max N	<b>15.37</b>	0.00	1.09	0.00	0.00	0.00	CO 13
			min N	<b>-10.53</b>	0.00	1.14	-0.11	0.00	0.00	CO 8
			max V <sub>y</sub>	-5.11	<b>0.00</b>	1.13	-0.11	0.00	0.00	CO 12
			min V <sub>y</sub>	9.71	<b>0.00</b>	1.10	0.01	0.00	0.00	CO 9
			max V <sub>z</sub>	-10.53	0.00	<b>1.14</b>	-0.11	0.00	0.00	CO 8
			min V <sub>z</sub>	15.37	0.00	<b>1.09</b>	0.00	0.00	0.00	CO 13
			max M <sub>T</sub>	9.71	0.00	1.10	<b>0.01</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-5.11	0.00	1.13	<b>-0.11</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	15.37	0.00	1.09	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-5.11	0.00	1.13	-0.11	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-5.11	0.00	1.13	-0.11	0.00	<b>0.00</b>	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	9.71	0.00	1.10	0.01	0.00	<b>0.00</b>	CO 9
	1956	6.000	max N	<b>15.37</b>	0.00	-1.09	0.00	0.00	0.00	CO 13
			min N	<b>-10.53</b>	0.00	-1.14	-0.11	0.00	0.00	CO 8
			max V <sub>y</sub>	9.71	<b>0.00</b>	-1.10	0.01	0.00	0.00	CO 9
			min V <sub>y</sub>	-5.11	<b>0.00</b>	-1.13	-0.11	0.00	0.00	CO 12
			max V <sub>z</sub>	15.37	0.00	<b>-1.09</b>	0.00	0.00	0.00	CO 13
			min V <sub>z</sub>	-10.53	0.00	<b>-1.14</b>	-0.11	0.00	0.00	CO 8
			max M <sub>T</sub>	9.71	0.00	-1.10	<b>0.01</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-5.11	0.00	-1.13	<b>-0.11</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	15.37	0.00	-1.09	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-5.11	0.00	-1.13	-0.11	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	9.71	0.00	-1.10	0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-5.11	0.00	-1.13	-0.11	0.00	<b>0.00</b>	CO 12
	1956	6.000	Max N	<b>15.37</b>	0.00	-1.09	0.00	0.00	0.00	CO 13
		3.000	Min N	<b>-10.53</b>	0.00	0.00	-0.11	1.72	0.00	CO 8
	1959	0.000	Max V <sub>y</sub>	-5.11	<b>0.00</b>	1.13	-0.11	0.00	0.00	CO 12
	1956	6.000	Min V <sub>y</sub>	-5.11	<b>0.00</b>	-1.13	-0.11	0.00	0.00	CO 12
	1959	0.000	Max V <sub>z</sub>	-10.53	0.00	<b>1.14</b>	-0.11	0.00	0.00	CO 8
	1956	6.000	Min V <sub>z</sub>	-10.53	0.00	<b>-1.14</b>	-0.11	0.00	0.00	CO 8
		3.000	Max M <sub>T</sub>	9.71	0.00	0.00	<b>0.01</b>	1.64	0.00	CO 9
		3.000	Min M <sub>T</sub>	-5.11	0.00	0.00	<b>-0.11</b>	1.70	0.00	CO 12
		3.000	Max M <sub>y</sub>	-10.53	0.00	0.00	-0.11	<b>1.72</b>	0.00	CO 8
	1959	0.000	Min M <sub>y</sub>	-5.11	0.00	1.13	-0.11	<b>0.00</b>	0.00	CO 12
	1959	0.000	Max M <sub>z</sub>	-5.11	0.00	1.13	-0.11	0.00	<b>0.00</b>	CO 12
		2.750	Min M <sub>z</sub>	-5.11	0.00	0.09	-0.11	1.69	<b>0.00</b>	CO 12
2306	1984	0.000	max N	<b>8.51</b>	0.00	1.10	-0.14	0.00	0.00	CO 12
			min N	<b>0.25</b>	0.00	1.12	-0.02	0.00	0.00	CO 1
			max V <sub>y</sub>	7.11	<b>0.00</b>	1.10	-0.12	0.00	0.00	CO 13
			min V <sub>y</sub>	0.25	<b>0.00</b>	1.12	-0.02	0.00	0.00	CO 1
			max V <sub>z</sub>	0.25	0.00	<b>1.12</b>	-0.02	0.00	0.00	CO 1
			min V <sub>z</sub>	8.51	0.00	<b>1.10</b>	-0.14	0.00	0.00	CO 12
			max M <sub>T</sub>	0.25	0.00	1.12	<b>-0.02</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	8.51	0.00	1.10	<b>-0.14</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	6.32	0.00	1.11	-0.05	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	8.51	0.00	1.10	-0.14	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	8.51	0.00	1.10	-0.14	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.25	0.00	1.12	-0.02	0.00	<b>0.00</b>	CO 1
	1966	6.000	max N	<b>8.51</b>	0.00	-1.10	-0.14	0.00	0.00	CO 12
			min N	<b>0.25</b>	0.00	-1.12	-0.02	0.00	0.00	CO 1
			max V <sub>y</sub>	7.73	<b>0.00</b>	-1.10	-0.08	0.00	0.00	CO 8
			min V <sub>y</sub>	7.11	<b>0.00</b>	-1.10	-0.12	0.00	0.00	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	8.51	0.00	<b>-1.10</b>	-0.14	0.00	0.00	CO 12
			min V <sub>z</sub>	0.25	0.00	<b>-1.12</b>	-0.02	0.00	0.00	CO 1
			max M <sub>T</sub>	0.25	0.00	-1.12	<b>-0.02</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	8.51	0.00	-1.10	<b>-0.14</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	6.32	0.00	-1.11	-0.05	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	8.51	0.00	-1.10	-0.14	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.25	0.00	-1.12	-0.02	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	8.51	0.00	-1.10	-0.14	0.00	<b>0.00</b>	CO 12
	1966	6.000	Max N	<b>8.51</b>	0.00	-1.10	-0.14	0.00	0.00	CO 12
		3.000	Min N	<b>0.24</b>	0.00	0.00	-0.02	1.68	0.00	CO 1
	1984	0.000	Max V <sub>y</sub>	7.11	<b>0.00</b>	1.10	-0.12	0.00	0.00	CO 13
	1966	6.000	Min V <sub>y</sub>	7.11	<b>0.00</b>	-1.10	-0.12	0.00	0.00	CO 13
	1984	0.000	Max V <sub>z</sub>	0.25	0.00	<b>1.12</b>	-0.02	0.00	0.00	CO 1
	1966	6.000	Min V <sub>z</sub>	0.25	0.00	<b>-1.12</b>	-0.02	0.00	0.00	CO 1
	1984	0.000	Max M <sub>T</sub>	0.25	0.00	1.12	<b>-0.02</b>	0.00	0.00	CO 1
		3.000	Min M <sub>T</sub>	8.50	0.00	0.00	<b>-0.14</b>	1.64	0.00	CO 12
		3.000	Max M <sub>y</sub>	0.24	0.00	0.00	-0.02	<b>1.68</b>	0.00	CO 1
	1984	0.000	Min M <sub>y</sub>	8.51	0.00	1.10	-0.14	<b>0.00</b>	0.00	CO 12
	1984	0.000	Max M <sub>z</sub>	8.51	0.00	1.10	-0.14	0.00	<b>0.00</b>	CO 12
		2.750	Min M <sub>z</sub>	7.11	0.00	0.09	-0.12	1.64	<b>0.00</b>	CO 13
2307	1960	0.000	max N	<b>86.27</b>	0.00	0.96	-0.09	0.00	0.00	CO 12
			min N	<b>2.63</b>	0.00	1.11	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	75.12	<b>0.00</b>	0.98	-0.10	0.00	0.00	CO 8
			min V <sub>y</sub>	15.61	<b>0.00</b>	1.09	0.01	0.00	0.00	CO 17
			max V <sub>z</sub>	2.63	0.00	<b>1.11</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	86.27	0.00	<b>0.96</b>	-0.09	0.00	0.00	CO 12
			max M <sub>T</sub>	19.44	0.00	1.08	<b>0.01</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	75.12	0.00	0.98	<b>-0.10</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	15.61	0.00	1.09	0.01	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	80.18	0.00	0.97	-0.10	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	75.12	0.00	0.98	-0.10	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	19.44	0.00	1.08	0.01	0.00	<b>0.00</b>	CO 19
	1957	6.000	max N	<b>86.27</b>	0.00	-0.96	-0.09	0.00	0.00	CO 12
			min N	<b>2.63</b>	0.00	-1.11	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	15.61	<b>0.00</b>	-1.09	0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	75.12	<b>0.00</b>	-0.98	-0.10	0.00	0.00	CO 8
			max V <sub>z</sub>	86.27	0.00	<b>-0.96</b>	-0.09	0.00	0.00	CO 12
			min V <sub>z</sub>	2.63	0.00	<b>-1.11</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	19.44	0.00	-1.08	<b>0.01</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	75.12	0.00	-0.98	<b>-0.10</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	15.61	0.00	-1.09	0.01	<b>0.00</b>	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	80.18	0.00	-0.97	-0.10	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	19.44	0.00	-1.08	0.01	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	75.12	0.00	-0.98	-0.10	0.00	<b>0.00</b>	CO 8
	1960	0.000	Max N	<b>86.27</b>	0.00	0.96	-0.09	0.00	0.00	CO 12
		3.000	Min N	<b>2.63</b>	0.00	0.00	0.00	1.67	0.00	CO 1
	1960	0.000	Max V <sub>y</sub>	75.12	<b>0.00</b>	0.98	-0.10	0.00	0.00	CO 8
	1957	6.000	Min V <sub>y</sub>	75.12	<b>0.00</b>	-0.98	-0.10	0.00	0.00	CO 8
	1960	0.000	Max V <sub>z</sub>	2.63	0.00	<b>1.11</b>	0.00	0.00	0.00	CO 1
	1957	6.000	Min V <sub>z</sub>	2.63	0.00	<b>-1.11</b>	0.00	0.00	0.00	CO 1
	1960	0.000	Max M <sub>T</sub>	19.44	0.00	1.08	<b>0.01</b>	0.00	0.00	CO 19
		3.000	Min M <sub>T</sub>	75.12	0.00	0.00	<b>-0.10</b>	1.42	0.00	CO 8
		3.000	Max M <sub>y</sub>	2.63	0.00	0.00	0.00	<b>1.67</b>	0.00	CO 1
	1960	0.000	Min M <sub>y</sub>	80.18	0.00	0.97	-0.10	<b>0.00</b>	0.00	CO 10
	1960	0.000	Max M <sub>z</sub>	75.12	0.00	0.98	-0.10	0.00	<b>0.00</b>	CO 8
		3.000	Min M <sub>z</sub>	75.12	0.00	0.00	-0.10	1.42	<b>0.00</b>	CO 8
2308	1961	0.000	max N	<b>9.69</b>	0.00	1.10	-0.01	0.00	0.00	CO 13
			min N	<b>0.27</b>	0.00	1.12	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	8.04	<b>0.00</b>	1.10	-0.11	0.00	0.00	CO 8
			min V <sub>y</sub>	9.69	<b>0.00</b>	1.10	-0.01	0.00	0.00	CO 13
			max V <sub>z</sub>	0.27	0.00	<b>1.12</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	9.69	0.00	<b>1.10</b>	-0.01	0.00	0.00	CO 13
			max M <sub>T</sub>	8.84	0.00	1.10	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	8.88	0.00	1.10	<b>-0.12</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	8.84	0.00	1.10	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	8.88	0.00	1.10	-0.12	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	8.88	0.00	1.10	-0.12	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	8.84	0.00	1.10	0.00	0.00	<b>0.00</b>	CO 9
	1958	6.000	max N	<b>9.69</b>	0.00	-1.10	-0.01	0.00	0.00	CO 13
			min N	<b>0.27</b>	0.00	-1.12	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	9.69	<b>0.00</b>	-1.10	-0.01	0.00	0.00	CO 13
			min V <sub>y</sub>	8.04	<b>0.00</b>	-1.10	-0.11	0.00	0.00	CO 8
			max V <sub>z</sub>	9.69	0.00	<b>-1.10</b>	-0.01	0.00	0.00	CO 13
			min V <sub>z</sub>	0.27	0.00	<b>-1.12</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	8.84	0.00	-1.10	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	8.88	0.00	-1.10	<b>-0.12</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	8.84	0.00	-1.10	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	8.88	0.00	-1.10	-0.12	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	8.84	0.00	-1.10	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	8.88	0.00	-1.10	-0.12	0.00	<b>0.00</b>	CO 12
	1961	0.000	Max N	<b>9.69</b>	0.00	1.10	-0.01	0.00	0.00	CO 13
		3.000	Min N	<b>0.27</b>	0.00	0.00	0.00	1.68	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1961	0.000	Max V <sub>y</sub>	8.04	<b>0.00</b>	1.10	-0.11	0.00	0.00	CO 8
	1961	0.000	Min V <sub>y</sub>	9.69	<b>0.00</b>	1.10	-0.01	0.00	0.00	CO 13
	1961	0.000	Max V <sub>z</sub>	0.27	0.00	<b>1.12</b>	0.00	0.00	0.00	CO 1
	1958	6.000	Min V <sub>z</sub>	0.27	0.00	<b>-1.12</b>	0.00	0.00	0.00	CO 1
		3.000	Max M <sub>T</sub>	8.83	0.00	0.00	<b>0.00</b>	1.64	0.00	CO 9
		3.000	Min M <sub>T</sub>	8.88	0.00	0.00	<b>-0.12</b>	1.64	0.00	CO 12
		3.000	Max M <sub>y</sub>	0.27	0.00	0.00	0.00	<b>1.68</b>	0.00	CO 1
	1961	0.000	Min M <sub>y</sub>	8.88	0.00	1.10	-0.12	<b>0.00</b>	0.00	CO 12
		3.000	Max M <sub>z</sub>	9.69	0.00	0.00	-0.01	1.64	<b>0.00</b>	CO 13
		2.750	Min M <sub>z</sub>	8.03	0.00	0.09	-0.11	1.63	<b>0.00</b>	CO 8
2309	1962	0.000	max N	<b>19.97</b>	0.00	1.08	-0.01	0.00	0.00	CO 13
			min N	<b>-46.00</b>	0.00	1.23	-0.10	0.00	0.00	CO 8
			max V <sub>y</sub>	-36.52	<b>0.00</b>	1.21	-0.11	0.00	0.00	CO 12
			min V <sub>y</sub>	9.85	<b>0.00</b>	1.10	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-46.00	0.00	<b>1.23</b>	-0.10	0.00	0.00	CO 8
			min V <sub>z</sub>	19.97	0.00	<b>1.08</b>	-0.01	0.00	0.00	CO 13
			max M <sub>T</sub>	9.85	0.00	1.10	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-36.52	0.00	1.21	<b>-0.11</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	19.97	0.00	1.08	-0.01	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-36.52	0.00	1.21	-0.11	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-36.52	0.00	1.21	-0.11	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	9.85	0.00	1.10	0.00	0.00	<b>0.00</b>	CO 9
	1959	6.000	max N	<b>19.97</b>	0.00	-1.08	-0.01	0.00	0.00	CO 13
			min N	<b>-46.00</b>	0.00	-1.23	-0.10	0.00	0.00	CO 8
			max V <sub>y</sub>	9.85	<b>0.00</b>	-1.10	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-36.52	<b>0.00</b>	-1.21	-0.11	0.00	0.00	CO 12
			max V <sub>z</sub>	19.97	0.00	<b>-1.08</b>	-0.01	0.00	0.00	CO 13
			min V <sub>z</sub>	-46.00	0.00	<b>-1.23</b>	-0.10	0.00	0.00	CO 8
			max M <sub>T</sub>	9.85	0.00	-1.10	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-36.52	0.00	-1.21	<b>-0.11</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	19.97	0.00	-1.08	-0.01	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-36.52	0.00	-1.21	-0.11	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	9.85	0.00	-1.10	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-36.52	0.00	-1.21	-0.11	0.00	<b>0.00</b>	CO 12
	1962	0.000	Max N	<b>19.97</b>	0.00	1.08	-0.01	0.00	0.00	CO 13
		3.000	Min N	<b>-46.00</b>	0.00	0.00	-0.10	1.89	0.00	CO 8
	1962	0.000	Max V <sub>y</sub>	-36.52	<b>0.00</b>	1.21	-0.11	0.00	0.00	CO 12
	1959	6.000	Min V <sub>y</sub>	-36.52	<b>0.00</b>	-1.21	-0.11	0.00	0.00	CO 12
	1962	0.000	Max V <sub>z</sub>	-46.00	0.00	<b>1.23</b>	-0.10	0.00	0.00	CO 8
	1959	6.000	Min V <sub>z</sub>	-46.00	0.00	<b>-1.23</b>	-0.10	0.00	0.00	CO 8
		3.000	Max M <sub>T</sub>	9.85	0.00	0.00	<b>0.00</b>	1.64	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		3.000	Min M <sub>T</sub>	-36.53	0.00	0.00	<b>-0.11</b>	1.84	0.00	CO 12
		3.000	Max M <sub>y</sub>	-46.00	0.00	0.00	-0.10	<b>1.89</b>	0.00	CO 8
	1962	0.000	Min M <sub>y</sub>	-36.52	0.00	1.21	-0.11	<b>0.00</b>	0.00	CO 12
	1962	0.000	Max M <sub>z</sub>	-36.52	0.00	1.21	-0.11	0.00	<b>0.00</b>	CO 12
		3.000	Min M <sub>z</sub>	-36.53	0.00	0.00	-0.11	1.84	<b>0.00</b>	CO 12
2310	1985	0.000	max N	<b>8.15</b>	0.00	1.10	-0.09	0.00	0.00	CO 12
			min N	<b>0.23</b>	0.00	1.12	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	8.15	<b>0.00</b>	1.10	-0.09	0.00	0.00	CO 12
			min V <sub>y</sub>	0.23	<b>0.00</b>	1.12	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.23	0.00	<b>1.12</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	8.15	0.00	<b>1.10</b>	-0.09	0.00	0.00	CO 12
			max M <sub>T</sub>	4.28	0.00	1.11	<b>0.01</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	7.40	0.00	1.10	<b>-0.09</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.23	0.00	1.12	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	7.40	0.00	1.10	-0.09	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	7.40	0.00	1.10	-0.09	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	4.28	0.00	1.11	0.01	0.00	<b>0.00</b>	CO 19
	1984	6.000	max N	<b>8.15</b>	0.00	-1.10	-0.09	0.00	0.00	CO 12
			min N	<b>0.23</b>	0.00	-1.12	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.23	<b>0.00</b>	-1.12	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	6.48	<b>0.00</b>	-1.11	0.01	0.00	0.00	CO 13
			max V <sub>z</sub>	8.15	0.00	<b>-1.10</b>	-0.09	0.00	0.00	CO 12
			min V <sub>z</sub>	0.23	0.00	<b>-1.12</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	4.28	0.00	-1.11	<b>0.01</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	7.40	0.00	-1.10	<b>-0.09</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.23	0.00	-1.12	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	7.40	0.00	-1.10	-0.09	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	4.28	0.00	-1.11	0.01	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	7.40	0.00	-1.10	-0.09	0.00	<b>0.00</b>	CO 8
	1985	0.000	Max N	<b>8.15</b>	0.00	1.10	-0.09	0.00	0.00	CO 12
		3.000	Min N	<b>0.23</b>	0.00	0.00	0.00	1.68	0.00	CO 1
	1985	0.000	Max V <sub>y</sub>	8.15	<b>0.00</b>	1.10	-0.09	0.00	0.00	CO 12
	1984	6.000	Min V <sub>y</sub>	6.48	<b>0.00</b>	-1.11	0.01	0.00	0.00	CO 13
	1985	0.000	Max V <sub>z</sub>	0.23	0.00	<b>1.12</b>	0.00	0.00	0.00	CO 1
	1984	6.000	Min V <sub>z</sub>	0.23	0.00	<b>-1.12</b>	0.00	0.00	0.00	CO 1
		3.000	Max M <sub>T</sub>	4.28	0.00	0.00	<b>0.01</b>	1.66	0.00	CO 19
		3.000	Min M <sub>T</sub>	7.40	0.00	0.00	<b>-0.09</b>	1.65	0.00	CO 8
		3.000	Max M <sub>y</sub>	0.23	0.00	0.00	0.00	<b>1.68</b>	0.00	CO 1
	1985	0.000	Min M <sub>y</sub>	7.40	0.00	1.10	-0.09	<b>0.00</b>	0.00	CO 8
	1985	0.000	Max M <sub>z</sub>	7.40	0.00	1.10	-0.09	0.00	<b>0.00</b>	CO 8
		3.000	Min M <sub>z</sub>	8.14	0.00	0.00	-0.09	1.65	<b>0.00</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
2311	1963	0.000	max N	<b>101.71</b>	0.00	0.94	-0.06	0.00	0.00	CO 12
			min N	<b>2.48</b>	0.00	1.11	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	91.05	<b>0.00</b>	0.95	-0.06	0.00	0.00	CO 8
			min V <sub>y</sub>	14.50	<b>0.00</b>	1.09	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	2.48	0.00	<b>1.11</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	101.71	0.00	<b>0.94</b>	-0.06	0.00	0.00	CO 12
			max M <sub>T</sub>	2.48	0.00	1.11	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	101.71	0.00	0.94	<b>-0.06</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	12.63	0.00	1.09	0.00	<b>0.00</b>	0.00	CO 11
			min M <sub>y</sub>	101.71	0.00	0.94	-0.06	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	95.97	0.00	0.95	-0.06	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	2.48	0.00	1.11	0.00	0.00	<b>0.00</b>	CO 1
	1960	6.000	max N	<b>101.71</b>	0.00	-0.94	-0.06	0.00	0.00	CO 12
			min N	<b>2.48</b>	0.00	-1.11	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	14.50	<b>0.00</b>	-1.09	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	91.05	<b>0.00</b>	-0.95	-0.06	0.00	0.00	CO 8
			max V <sub>z</sub>	101.71	0.00	<b>-0.94</b>	-0.06	0.00	0.00	CO 12
			min V <sub>z</sub>	2.48	0.00	<b>-1.11</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	2.48	0.00	-1.11	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	101.71	0.00	-0.94	<b>-0.06</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	12.63	0.00	-1.09	0.00	<b>0.00</b>	0.00	CO 11
			min M <sub>y</sub>	101.71	0.00	-0.94	-0.06	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	2.48	0.00	-1.11	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	95.97	0.00	-0.95	-0.06	0.00	<b>0.00</b>	CO 10
	1963	0.000	Max N	<b>101.71</b>	0.00	0.94	-0.06	0.00	0.00	CO 12
		3.000	Min N	<b>2.48</b>	0.00	0.00	0.00	1.67	0.00	CO 1
	1963	0.000	Max V <sub>y</sub>	91.05	<b>0.00</b>	0.95	-0.06	0.00	0.00	CO 8
	1960	6.000	Min V <sub>y</sub>	91.05	<b>0.00</b>	-0.95	-0.06	0.00	0.00	CO 8
	1963	0.000	Max V <sub>z</sub>	2.48	0.00	<b>1.11</b>	0.00	0.00	0.00	CO 1
	1960	6.000	Min V <sub>z</sub>	2.48	0.00	<b>-1.11</b>	0.00	0.00	0.00	CO 1
	1963	0.000	Max M <sub>T</sub>	2.48	0.00	1.11	<b>0.00</b>	0.00	0.00	CO 1
		3.000	Min M <sub>T</sub>	101.71	0.00	0.00	<b>-0.06</b>	1.34	0.00	CO 12
		3.000	Max M <sub>y</sub>	2.48	0.00	0.00	0.00	<b>1.67</b>	0.00	CO 1
	1963	0.000	Min M <sub>y</sub>	101.71	0.00	0.94	-0.06	<b>0.00</b>	0.00	CO 12
		3.000	Max M <sub>z</sub>	14.50	0.00	0.00	0.00	1.62	<b>0.00</b>	CO 17
		3.000	Min M <sub>z</sub>	91.05	0.00	0.00	-0.06	1.37	<b>0.00</b>	CO 8
2312	1964	0.000	max N	<b>9.08</b>	0.00	1.10	-0.07	0.00	0.00	CO 10
			min N	<b>0.25</b>	0.00	1.12	0.00	0.00	0.00	CO 16
			max V <sub>y</sub>	8.25	<b>0.00</b>	1.10	-0.07	0.00	0.00	CO 8
			min V <sub>y</sub>	8.94	<b>0.00</b>	1.10	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	0.25	0.00	<b>1.12</b>	0.00	0.00	0.00	CO 16

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	9.08	0.00	<b>1.10</b>	-0.07	0.00	0.00	CO 10
			max M <sub>T</sub>	8.11	0.00	1.10	<b>0.00</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	9.07	0.00	1.10	<b>-0.07</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.26	0.00	1.12	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	9.07	0.00	1.10	-0.07	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	9.07	0.00	1.10	-0.07	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	8.11	0.00	1.10	0.00	0.00	<b>0.00</b>	CO 15
	1961	6.000	max N	<b>9.08</b>	0.00	-1.10	-0.07	0.00	0.00	CO 10
			min N	<b>0.25</b>	0.00	-1.12	0.00	0.00	0.00	CO 16
			max V <sub>y</sub>	8.94	<b>0.00</b>	-1.10	0.00	0.00	0.00	CO 13
			min V <sub>y</sub>	8.25	<b>0.00</b>	-1.10	-0.07	0.00	0.00	CO 8
			max V <sub>z</sub>	9.08	0.00	<b>-1.10</b>	-0.07	0.00	0.00	CO 10
			min V <sub>z</sub>	0.25	0.00	<b>-1.12</b>	0.00	0.00	0.00	CO 16
			max M <sub>T</sub>	8.11	0.00	-1.10	<b>0.00</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	9.07	0.00	-1.10	<b>-0.07</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.26	0.00	-1.12	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	9.07	0.00	-1.10	-0.07	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	8.11	0.00	-1.10	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	9.07	0.00	-1.10	-0.07	0.00	<b>0.00</b>	CO 12
	1964	0.000	Max N	<b>9.08</b>	0.00	1.10	-0.07	0.00	0.00	CO 10
		3.000	Min N	<b>0.24</b>	0.00	0.00	0.00	1.68	0.00	CO 16
	1964	0.000	Max V <sub>y</sub>	8.25	<b>0.00</b>	1.10	-0.07	0.00	0.00	CO 8
	1961	6.000	Min V <sub>y</sub>	8.25	<b>0.00</b>	-1.10	-0.07	0.00	0.00	CO 8
	1964	0.000	Max V <sub>z</sub>	0.25	0.00	<b>1.12</b>	0.00	0.00	0.00	CO 16
	1961	6.000	Min V <sub>z</sub>	0.25	0.00	<b>-1.12</b>	0.00	0.00	0.00	CO 16
		3.000	Max M <sub>T</sub>	8.11	0.00	0.00	<b>0.00</b>	1.65	0.00	CO 15
		3.000	Min M <sub>T</sub>	9.07	0.00	0.00	<b>-0.07</b>	1.64	0.00	CO 12
		3.000	Max M <sub>y</sub>	0.24	0.00	0.00	0.00	<b>1.68</b>	0.00	CO 16
	1964	0.000	Min M <sub>y</sub>	9.07	0.00	1.10	-0.07	<b>0.00</b>	0.00	CO 12
		3.000	Max M <sub>z</sub>	8.94	0.00	0.00	0.00	1.64	<b>0.00</b>	CO 13
		3.000	Min M <sub>z</sub>	8.25	0.00	0.00	-0.07	1.65	<b>0.00</b>	CO 8
2313	1965	0.000	max N	<b>19.18</b>	0.00	1.08	0.00	0.00	0.00	CO 13
			min N	<b>-62.47</b>	0.00	1.28	-0.06	0.00	0.00	CO 8
			max V <sub>y</sub>	-54.19	<b>0.00</b>	1.26	-0.06	0.00	0.00	CO 12
			min V <sub>y</sub>	9.98	<b>0.00</b>	1.10	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-62.47	0.00	<b>1.28</b>	-0.06	0.00	0.00	CO 8
			min V <sub>z</sub>	19.18	0.00	<b>1.08</b>	0.00	0.00	0.00	CO 13
			max M <sub>T</sub>	15.28	0.00	1.09	<b>0.00</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	-54.19	0.00	1.26	<b>-0.06</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	2.03	0.00	1.11	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-54.19	0.00	1.26	-0.06	<b>0.00</b>	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-62.47	0.00	1.28	-0.06	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	15.28	0.00	1.09	0.00	0.00	<b>0.00</b>	CO 15
	1962	6.000	max N	<b>19.18</b>	0.00	-1.08	0.00	0.00	0.00	CO 13
			min N	<b>-62.47</b>	0.00	-1.28	-0.06	0.00	0.00	CO 8
			max V <sub>y</sub>	9.98	<b>0.00</b>	-1.10	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-54.19	<b>0.00</b>	-1.26	-0.06	0.00	0.00	CO 12
			max V <sub>z</sub>	19.18	0.00	<b>-1.08</b>	0.00	0.00	0.00	CO 13
			min V <sub>z</sub>	-62.47	0.00	<b>-1.28</b>	-0.06	0.00	0.00	CO 8
			max M <sub>T</sub>	15.28	0.00	-1.09	<b>0.00</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	-54.19	0.00	-1.26	<b>-0.06</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	2.03	0.00	-1.11	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-54.19	0.00	-1.26	-0.06	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	15.28	0.00	-1.09	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	-62.47	0.00	-1.28	-0.06	0.00	<b>0.00</b>	CO 8
	1965	0.000	Max N	<b>19.18</b>	0.00	1.08	0.00	0.00	0.00	CO 13
		3.000	Min N	<b>-62.47</b>	0.00	0.00	-0.06	1.98	0.00	CO 8
	1965	0.000	Max V <sub>y</sub>	-54.19	<b>0.00</b>	1.26	-0.06	0.00	0.00	CO 12
	1962	6.000	Min V <sub>y</sub>	-54.19	<b>0.00</b>	-1.26	-0.06	0.00	0.00	CO 12
	1965	0.000	Max V <sub>z</sub>	-62.47	0.00	<b>1.28</b>	-0.06	0.00	0.00	CO 8
	1962	6.000	Min V <sub>z</sub>	-62.47	0.00	<b>-1.28</b>	-0.06	0.00	0.00	CO 8
		3.000	Max M <sub>T</sub>	15.28	0.00	0.00	<b>0.00</b>	1.62	0.00	CO 15
		3.000	Min M <sub>T</sub>	-54.20	0.00	0.00	<b>-0.06</b>	1.94	0.00	CO 12
		3.000	Max M <sub>y</sub>	-62.47	0.00	0.00	-0.06	<b>1.98</b>	0.00	CO 8
	1965	0.000	Min M <sub>y</sub>	-54.19	0.00	1.26	-0.06	<b>0.00</b>	0.00	CO 12
	1965	0.000	Max M <sub>z</sub>	-62.47	0.00	1.28	-0.06	0.00	<b>0.00</b>	CO 8
		3.000	Min M <sub>z</sub>	-54.20	0.00	0.00	-0.06	1.94	<b>0.00</b>	CO 12
2314	1986	0.000	max N	<b>7.87</b>	0.00	1.10	-0.06	0.00	0.00	CO 10
			min N	<b>0.21</b>	0.00	1.12	0.00	0.00	0.00	CO 16
			max V <sub>y</sub>	7.86	<b>0.00</b>	1.10	-0.06	0.00	0.00	CO 12
			min V <sub>y</sub>	0.23	<b>0.00</b>	1.12	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.21	0.00	<b>1.12</b>	0.00	0.00	0.00	CO 16
			min V <sub>z</sub>	7.87	0.00	<b>1.10</b>	-0.06	0.00	0.00	CO 10
			max M <sub>T</sub>	5.16	0.00	1.11	<b>0.00</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	7.86	0.00	1.10	<b>-0.06</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.23	0.00	1.12	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	7.86	0.00	1.10	-0.06	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	7.86	0.00	1.10	-0.06	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	5.16	0.00	1.11	0.00	0.00	<b>0.00</b>	CO 9
	1985	6.000	max N	<b>7.87</b>	0.00	-1.10	-0.06	0.00	0.00	CO 10
			min N	<b>0.21</b>	0.00	-1.12	0.00	0.00	0.00	CO 16
			max V <sub>y</sub>	0.23	<b>0.00</b>	-1.12	0.00	0.00	0.00	CO 1



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	7.86	<b>0.00</b>	-1.10	-0.06	0.00	0.00	CO 12
			max V <sub>z</sub>	7.87	0.00	<b>-1.10</b>	-0.06	0.00	0.00	CO 10
			min V <sub>z</sub>	0.21	0.00	<b>-1.12</b>	0.00	0.00	0.00	CO 16
			max M <sub>T</sub>	5.16	0.00	-1.11	<b>0.00</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	7.86	0.00	-1.10	<b>-0.06</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.23	0.00	-1.12	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	7.86	0.00	-1.10	-0.06	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	5.16	0.00	-1.11	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	7.86	0.00	-1.10	-0.06	0.00	<b>0.00</b>	CO 12
	1986	0.000	Max N	<b>7.87</b>	0.00	1.10	-0.06	0.00	0.00	CO 10
		3.000	Min N	<b>0.21</b>	0.00	0.00	0.00	1.68	0.00	CO 16
	1986	0.000	Max V <sub>y</sub>	7.86	<b>0.00</b>	1.10	-0.06	0.00	0.00	CO 12
	1985	6.000	Min V <sub>y</sub>	7.86	<b>0.00</b>	-1.10	-0.06	0.00	0.00	CO 12
	1986	0.000	Max V <sub>z</sub>	0.21	0.00	<b>1.12</b>	0.00	0.00	0.00	CO 16
	1985	6.000	Min V <sub>z</sub>	0.21	0.00	<b>-1.12</b>	0.00	0.00	0.00	CO 16
		3.000	Max M <sub>T</sub>	5.16	0.00	0.00	<b>0.00</b>	1.66	0.00	CO 15
		3.000	Min M <sub>T</sub>	7.86	0.00	0.00	<b>-0.06</b>	1.65	0.00	CO 12
		3.000	Max M <sub>y</sub>	0.21	0.00	0.00	0.00	<b>1.68</b>	0.00	CO 16
	1986	0.000	Min M <sub>y</sub>	7.86	0.00	1.10	-0.06	<b>0.00</b>	0.00	CO 12
	1986	0.000	Max M <sub>z</sub>	7.86	0.00	1.10	-0.06	0.00	<b>0.00</b>	CO 12
		3.000	Min M <sub>z</sub>	7.86	0.00	0.00	-0.06	1.65	<b>0.00</b>	CO 12
2315	1967	0.000	max N	<b>105.21</b>	0.00	0.93	-0.02	0.00	0.00	CO 12
			min N	<b>2.61</b>	0.00	1.11	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	105.21	<b>0.00</b>	0.93	-0.02	0.00	0.00	CO 12
			min V <sub>y</sub>	8.55	<b>0.00</b>	1.10	0.00	0.00	0.00	CO 15
			max V <sub>z</sub>	2.61	0.00	<b>1.11</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	105.21	0.00	<b>0.93</b>	-0.02	0.00	0.00	CO 12
			max M <sub>T</sub>	2.97	0.00	1.11	<b>0.01</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	105.21	0.00	0.93	<b>-0.02</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	2.97	0.00	1.11	0.01	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	105.21	0.00	0.93	-0.02	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	105.21	0.00	0.93	-0.02	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	2.97	0.00	1.11	0.01	0.00	<b>0.00</b>	CO 9
	1963	6.000	max N	<b>105.21</b>	0.00	-0.93	-0.02	0.00	0.00	CO 12
			min N	<b>2.61</b>	0.00	-1.11	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	15.34	<b>0.00</b>	-1.09	-0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	93.89	<b>0.00</b>	-0.95	-0.01	0.00	0.00	CO 8
			max V <sub>z</sub>	105.21	0.00	<b>-0.93</b>	-0.02	0.00	0.00	CO 12
			min V <sub>z</sub>	2.61	0.00	<b>-1.11</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	2.97	0.00	-1.11	<b>0.01</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	105.21	0.00	-0.93	<b>-0.02</b>	0.00	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	2.97	0.00	-1.11	0.01	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	105.21	0.00	-0.93	-0.02	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	2.97	0.00	-1.11	0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	105.21	0.00	-0.93	-0.02	0.00	<b>0.00</b>	CO 12
	1967	0.000	Max N	<b>105.21</b>	0.00	0.93	-0.02	0.00	0.00	CO 12
		3.000	Min N	<b>2.61</b>	0.00	0.00	0.00	1.67	0.00	CO 1
	1967	0.000	Max V <sub>y</sub>	105.21	<b>0.00</b>	0.93	-0.02	0.00	0.00	CO 12
	1963	6.000	Min V <sub>y</sub>	93.89	<b>0.00</b>	-0.95	-0.01	0.00	0.00	CO 8
	1967	0.000	Max V <sub>z</sub>	2.61	0.00	<b>1.11</b>	0.00	0.00	0.00	CO 1
	1963	6.000	Min V <sub>z</sub>	2.61	0.00	<b>-1.11</b>	0.00	0.00	0.00	CO 1
	1967	0.000	Max M <sub>T</sub>	2.97	0.00	1.11	<b>0.01</b>	0.00	0.00	CO 9
		3.000	Min M <sub>T</sub>	105.21	0.00	0.00	<b>-0.02</b>	1.33	0.00	CO 12
		3.000	Max M <sub>y</sub>	2.61	0.00	0.00	0.00	<b>1.67</b>	0.00	CO 1
	1967	0.000	Min M <sub>y</sub>	105.21	0.00	0.93	-0.02	<b>0.00</b>	0.00	CO 12
		3.250	Max M <sub>z</sub>	15.56	0.00	-0.09	0.00	1.61	<b>0.00</b>	CO 19
		3.000	Min M <sub>z</sub>	93.89	0.00	0.00	-0.01	1.36	<b>0.00</b>	CO 8
2316	1968	0.000	max N	<b>9.26</b>	0.00	1.10	-0.03	0.00	0.00	CO 10
			min N	<b>0.22</b>	0.00	1.12	0.00	0.00	0.00	CO 16
			max V <sub>y</sub>	8.44	<b>0.00</b>	1.10	-0.03	0.00	0.00	CO 8
			min V <sub>y</sub>	8.19	<b>0.00</b>	1.10	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	0.22	0.00	<b>1.12</b>	0.00	0.00	0.00	CO 16
			min V <sub>z</sub>	9.26	0.00	<b>1.10</b>	-0.03	0.00	0.00	CO 10
			max M <sub>T</sub>	5.32	0.00	1.11	<b>0.01</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	8.44	0.00	1.10	<b>-0.03</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	8.19	0.00	1.10	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	9.24	0.00	1.10	-0.03	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	8.44	0.00	1.10	-0.03	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	5.32	0.00	1.11	0.01	0.00	<b>0.00</b>	CO 19
	1964	6.000	max N	<b>9.26</b>	0.00	-1.10	-0.03	0.00	0.00	CO 10
			min N	<b>0.22</b>	0.00	-1.12	0.00	0.00	0.00	CO 16
			max V <sub>y</sub>	8.19	<b>0.00</b>	-1.10	0.00	0.00	0.00	CO 13
			min V <sub>y</sub>	8.44	<b>0.00</b>	-1.10	-0.03	0.00	0.00	CO 8
			max V <sub>z</sub>	9.26	0.00	<b>-1.10</b>	-0.03	0.00	0.00	CO 10
			min V <sub>z</sub>	0.22	0.00	<b>-1.12</b>	0.00	0.00	0.00	CO 16
			max M <sub>T</sub>	5.32	0.00	-1.11	<b>0.01</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	8.44	0.00	-1.10	<b>-0.03</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	8.19	0.00	-1.10	0.00	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	9.24	0.00	-1.10	-0.03	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	5.32	0.00	-1.11	0.01	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	8.44	0.00	-1.10	-0.03	0.00	<b>0.00</b>	CO 8
	1968	0.000	Max N	<b>9.26</b>	0.00	1.10	-0.03	0.00	0.00	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		3.000	Min N	<b>0.22</b>	0.00	0.00	0.00	1.68	0.00	CO 16
	1968	0.000	Max V <sub>y</sub>	8.44	<b>0.00</b>	1.10	-0.03	0.00	0.00	CO 8
	1964	6.000	Min V <sub>y</sub>	8.44	<b>0.00</b>	-1.10	-0.03	0.00	0.00	CO 8
	1968	0.000	Max V <sub>z</sub>	0.22	0.00	<b>1.12</b>	0.00	0.00	0.00	CO 16
	1964	6.000	Min V <sub>z</sub>	0.22	0.00	<b>-1.12</b>	0.00	0.00	0.00	CO 16
	1968	0.000	Max M <sub>T</sub>	5.32	0.00	1.11	<b>0.01</b>	0.00	0.00	CO 19
		3.000	Min M <sub>T</sub>	8.44	0.00	0.00	<b>-0.03</b>	1.64	0.00	CO 8
		3.000	Max M <sub>y</sub>	0.22	0.00	0.00	0.00	<b>1.68</b>	0.00	CO 16
	1968	0.000	Min M <sub>y</sub>	9.24	0.00	1.10	-0.03	<b>0.00</b>	0.00	CO 12
		3.000	Max M <sub>z</sub>	8.19	0.00	0.00	0.00	1.65	<b>0.00</b>	CO 13
		3.000	Min M <sub>z</sub>	8.44	0.00	0.00	-0.03	1.64	<b>0.00</b>	CO 8
2317	1969	0.000	max N	<b>16.50</b>	0.00	1.08	0.01	0.00	0.00	CO 19
			min N	<b>-65.42</b>	0.00	1.29	-0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	-56.74	<b>0.00</b>	1.26	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	5.92	<b>0.00</b>	1.11	-0.01	0.00	0.00	CO 9
			max V <sub>z</sub>	-65.42	0.00	<b>1.29</b>	-0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	16.50	0.00	<b>1.08</b>	0.01	0.00	0.00	CO 19
			max M <sub>T</sub>	14.18	0.00	1.09	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-65.42	0.00	1.29	<b>-0.01</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-27.12	0.00	1.18	0.00	<b>0.00</b>	0.00	CO 18
			min M <sub>y</sub>	-65.42	0.00	1.29	-0.01	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-65.42	0.00	1.29	-0.01	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	14.18	0.00	1.09	0.01	0.00	<b>0.00</b>	CO 17
	1965	6.000	max N	<b>16.50</b>	0.00	-1.08	0.01	0.00	0.00	CO 19
			min N	<b>-65.42</b>	0.00	-1.29	-0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	5.92	<b>0.00</b>	-1.11	-0.01	0.00	0.00	CO 9
			min V <sub>y</sub>	-56.74	<b>0.00</b>	-1.26	0.00	0.00	0.00	CO 12
			max V <sub>z</sub>	16.50	0.00	<b>-1.08</b>	0.01	0.00	0.00	CO 19
			min V <sub>z</sub>	-65.42	0.00	<b>-1.29</b>	-0.01	0.00	0.00	CO 8
			max M <sub>T</sub>	14.18	0.00	-1.09	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-65.42	0.00	-1.29	<b>-0.01</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-27.12	0.00	-1.18	0.00	<b>0.00</b>	0.00	CO 18
			min M <sub>y</sub>	-65.42	0.00	-1.29	-0.01	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	14.18	0.00	-1.09	0.01	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-65.42	0.00	-1.29	-0.01	0.00	<b>0.00</b>	CO 8
	1969	0.000	Max N	<b>16.50</b>	0.00	1.08	0.01	0.00	0.00	CO 19
		3.000	Min N	<b>-65.42</b>	0.00	0.00	-0.01	2.00	0.00	CO 8
	1969	0.000	Max V <sub>y</sub>	-56.74	<b>0.00</b>	1.26	0.00	0.00	0.00	CO 12
	1965	6.000	Min V <sub>y</sub>	-56.74	<b>0.00</b>	-1.26	0.00	0.00	0.00	CO 12
	1969	0.000	Max V <sub>z</sub>	-65.42	0.00	<b>1.29</b>	-0.01	0.00	0.00	CO 8
	1965	6.000	Min V <sub>z</sub>	-65.42	0.00	<b>-1.29</b>	-0.01	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1969	0.000	Max M <sub>T</sub>	14.18	0.00	1.09	<b>0.01</b>	0.00	0.00	CO 17
		3.000	Min M <sub>T</sub>	-65.42	0.00	0.00	<b>-0.01</b>	2.00	0.00	CO 8
		3.000	Max M <sub>y</sub>	-65.42	0.00	0.00	-0.01	<b>2.00</b>	0.00	CO 8
	1969	0.000	Min M <sub>y</sub>	-65.42	0.00	1.29	-0.01	<b>0.00</b>	0.00	CO 8
		3.250	Max M <sub>z</sub>	5.92	0.00	-0.09	-0.01	1.64	<b>0.00</b>	CO 9
		3.000	Min M <sub>z</sub>	-56.74	0.00	0.00	0.00	1.95	<b>0.00</b>	CO 12
2318	1975	0.000	max N	<b>7.59</b>	0.00	1.10	-0.03	0.00	0.00	CO 10
			min N	<b>0.19</b>	0.00	1.12	-0.01	0.00	0.00	CO 16
			max V <sub>y</sub>	7.57	<b>0.00</b>	1.10	-0.03	0.00	0.00	CO 12
			min V <sub>y</sub>	0.22	<b>0.00</b>	1.12	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.19	0.00	<b>1.12</b>	-0.01	0.00	0.00	CO 16
			min V <sub>z</sub>	7.59	0.00	<b>1.10</b>	-0.03	0.00	0.00	CO 10
			max M <sub>T</sub>	4.60	0.00	1.11	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	7.57	0.00	1.10	<b>-0.03</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	3.55	0.00	1.11	-0.01	<b>0.00</b>	0.00	CO 19
			min M <sub>y</sub>	7.57	0.00	1.10	-0.03	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	7.57	0.00	1.10	-0.03	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	4.60	0.00	1.11	0.00	0.00	<b>0.00</b>	CO 9
	1986	6.000	max N	<b>7.59</b>	0.00	-1.10	-0.03	0.00	0.00	CO 10
			min N	<b>0.19</b>	0.00	-1.12	-0.01	0.00	0.00	CO 16
			max V <sub>y</sub>	0.22	<b>0.00</b>	-1.12	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	7.57	<b>0.00</b>	-1.10	-0.03	0.00	0.00	CO 12
			max V <sub>z</sub>	7.59	0.00	<b>-1.10</b>	-0.03	0.00	0.00	CO 10
			min V <sub>z</sub>	0.19	0.00	<b>-1.12</b>	-0.01	0.00	0.00	CO 16
			max M <sub>T</sub>	4.60	0.00	-1.11	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	7.57	0.00	-1.10	<b>-0.03</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	3.55	0.00	-1.11	-0.01	<b>0.00</b>	0.00	CO 19
			min M <sub>y</sub>	7.57	0.00	-1.10	-0.03	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	4.60	0.00	-1.11	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	7.57	0.00	-1.10	-0.03	0.00	<b>0.00</b>	CO 12
	1986	6.000	Max N	<b>7.59</b>	0.00	-1.10	-0.03	0.00	0.00	CO 10
		3.000	Min N	<b>0.19</b>	0.00	0.00	-0.01	1.68	0.00	CO 16
	1975	0.000	Max V <sub>y</sub>	7.57	<b>0.00</b>	1.10	-0.03	0.00	0.00	CO 12
	1986	6.000	Min V <sub>y</sub>	7.57	<b>0.00</b>	-1.10	-0.03	0.00	0.00	CO 12
	1975	0.000	Max V <sub>z</sub>	0.19	0.00	<b>1.12</b>	-0.01	0.00	0.00	CO 16
	1986	6.000	Min V <sub>z</sub>	0.19	0.00	<b>-1.12</b>	-0.01	0.00	0.00	CO 16
		3.000	Max M <sub>T</sub>	4.60	0.00	0.00	<b>0.00</b>	1.66	0.00	CO 9
		3.000	Min M <sub>T</sub>	7.57	0.00	0.00	<b>-0.04</b>	1.65	0.00	CO 12
		3.000	Max M <sub>y</sub>	0.19	0.00	0.00	-0.01	<b>1.68</b>	0.00	CO 16
	1975	0.000	Min M <sub>y</sub>	7.57	0.00	1.10	-0.03	<b>0.00</b>	0.00	CO 12
	1975	0.000	Max M <sub>z</sub>	7.57	0.00	1.10	-0.03	0.00	<b>0.00</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		3.000	Min M <sub>z</sub>	7.57	0.00	0.00	-0.04	1.65	<b>0.00</b>	CO 12
2319	1970	0.000	max N	<b>112.76</b>	0.00	0.92	0.00	0.00	0.00	CO 12
			min N	<b>-7.34</b>	0.00	1.14	-0.01	0.00	0.00	CO 9
			max V <sub>y</sub>	112.76	<b>0.00</b>	0.92	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	3.72	<b>0.00</b>	1.11	-0.01	0.00	0.00	CO 15
			max V <sub>z</sub>	-7.34	0.00	<b>1.14</b>	-0.01	0.00	0.00	CO 9
			min V <sub>z</sub>	112.76	0.00	<b>0.92</b>	0.00	0.00	0.00	CO 12
			max M <sub>T</sub>	112.76	0.00	0.92	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	10.88	0.00	1.10	<b>-0.01</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	10.88	0.00	1.10	-0.01	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	93.50	0.00	0.95	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-7.34	0.00	1.14	-0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	93.50	0.00	0.95	0.00	0.00	<b>0.00</b>	CO 8
	1967	6.000	max N	<b>112.76</b>	0.00	-0.92	0.00	0.00	0.00	CO 12
			min N	<b>-7.34</b>	0.00	-1.14	-0.01	0.00	0.00	CO 9
			max V <sub>y</sub>	3.72	<b>0.00</b>	-1.11	-0.01	0.00	0.00	CO 15
			min V <sub>y</sub>	112.76	<b>0.00</b>	-0.92	0.00	0.00	0.00	CO 12
			max V <sub>z</sub>	112.76	0.00	<b>-0.92</b>	0.00	0.00	0.00	CO 12
			min V <sub>z</sub>	-7.34	0.00	<b>-1.14</b>	-0.01	0.00	0.00	CO 9
			max M <sub>T</sub>	112.76	0.00	-0.92	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	10.88	0.00	-1.10	<b>-0.01</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	10.88	0.00	-1.10	-0.01	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	93.50	0.00	-0.95	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	93.50	0.00	-0.95	0.00	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-7.34	0.00	-1.14	-0.01	0.00	<b>0.00</b>	CO 9
	1970	0.000	Max N	<b>112.76</b>	0.00	0.92	0.00	0.00	0.00	CO 12
		3.000	Min N	<b>-7.34</b>	0.00	0.00	-0.01	1.71	0.00	CO 9
	1970	0.000	Max V <sub>y</sub>	112.76	<b>0.00</b>	0.92	0.00	0.00	0.00	CO 12
	1967	6.000	Min V <sub>y</sub>	112.76	<b>0.00</b>	-0.92	0.00	0.00	0.00	CO 12
	1970	0.000	Max V <sub>z</sub>	-7.34	0.00	<b>1.14</b>	-0.01	0.00	0.00	CO 9
	1967	6.000	Min V <sub>z</sub>	-7.34	0.00	<b>-1.14</b>	-0.01	0.00	0.00	CO 9
		3.000	Max M <sub>T</sub>	112.75	0.00	0.00	<b>0.00</b>	1.31	0.00	CO 12
	1970	0.000	Min M <sub>T</sub>	10.88	0.00	1.10	<b>-0.01</b>	0.00	0.00	CO 13
		3.000	Max M <sub>y</sub>	-7.34	0.00	0.00	-0.01	<b>1.71</b>	0.00	CO 9
	1970	0.000	Min M <sub>y</sub>	93.50	0.00	0.95	0.00	<b>0.00</b>	0.00	CO 8
		3.250	Max M <sub>z</sub>	3.72	0.00	-0.09	-0.01	1.65	<b>0.00</b>	CO 15
		3.000	Min M <sub>z</sub>	93.49	0.00	0.00	0.00	1.36	<b>0.00</b>	CO 8
2320	1971	0.000	max N	<b>15.68</b>	0.00	1.09	0.00	0.00	0.00	CO 17
			min N	<b>-5.60</b>	0.00	1.13	0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	-5.60	<b>0.00</b>	1.13	0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	6.56	<b>0.00</b>	1.10	0.01	0.00	0.00	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-5.60	0.00	<b>1.13</b>	0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	15.68	0.00	<b>1.09</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	4.99	0.00	1.11	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	2.03	0.00	1.11	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	2.03	0.00	1.11	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-4.13	0.00	1.13	0.01	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	2.03	0.00	1.11	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-4.13	0.00	1.13	0.01	0.00	<b>0.00</b>	CO 9
	1968	6.000	max N	<b>15.68</b>	0.00	-1.09	0.00	0.00	0.00	CO 17
			min N	<b>-5.60</b>	0.00	-1.13	0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	6.56	<b>0.00</b>	-1.10	0.01	0.00	0.00	CO 13
			min V <sub>y</sub>	-5.60	<b>0.00</b>	-1.13	0.01	0.00	0.00	CO 8
			max V <sub>z</sub>	15.68	0.00	<b>-1.09</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-5.60	0.00	<b>-1.13</b>	0.01	0.00	0.00	CO 8
			max M <sub>T</sub>	4.99	0.00	-1.11	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	2.03	0.00	-1.11	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	2.03	0.00	-1.11	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-4.13	0.00	-1.13	0.01	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-4.13	0.00	-1.13	0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	2.03	0.00	-1.11	0.00	0.00	<b>0.00</b>	CO 1
	1971	0.000	Max N	<b>15.68</b>	0.00	1.09	0.00	0.00	0.00	CO 17
		3.000	Min N	<b>-5.60</b>	0.00	0.00	0.01	1.70	0.00	CO 8
	1971	0.000	Max V <sub>y</sub>	-5.60	<b>0.00</b>	1.13	0.01	0.00	0.00	CO 8
	1968	6.000	Min V <sub>y</sub>	-5.60	<b>0.00</b>	-1.13	0.01	0.00	0.00	CO 8
	1971	0.000	Max V <sub>z</sub>	-5.60	0.00	<b>1.13</b>	0.01	0.00	0.00	CO 8
	1968	6.000	Min V <sub>z</sub>	-5.60	0.00	<b>-1.13</b>	0.01	0.00	0.00	CO 8
		3.000	Max M <sub>T</sub>	-0.35	0.00	0.00	<b>0.01</b>	1.68	0.00	CO 11
		1.250	Min M <sub>T</sub>	2.03	0.00	0.65	<b>0.00</b>	1.10	0.00	CO 1
		3.000	Max M <sub>y</sub>	-5.60	0.00	0.00	0.01	<b>1.70</b>	0.00	CO 8
	1971	0.000	Min M <sub>y</sub>	-4.13	0.00	1.13	0.01	<b>0.00</b>	0.00	CO 9
		3.000	Max M <sub>z</sub>	6.56	0.00	0.00	0.01	1.65	<b>0.00</b>	CO 13
		3.000	Min M <sub>z</sub>	-5.60	0.00	0.00	0.01	1.70	<b>0.00</b>	CO 8
2321	1972	0.000	max N	<b>26.07</b>	0.00	1.07	0.00	0.00	0.00	CO 17
			min N	<b>-65.85</b>	0.00	1.29	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	-49.33	<b>0.00</b>	1.24	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	-4.68	<b>0.00</b>	1.13	0.01	0.00	0.00	CO 9
			max V <sub>z</sub>	-65.85	0.00	<b>1.29</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	26.07	0.00	<b>1.07</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	12.87	0.00	1.09	<b>0.01</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	3.78	0.00	1.11	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-4.68	0.00	1.13	0.01	<b>0.00</b>	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-65.85	0.00	1.29	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	3.78	0.00	1.11	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-4.68	0.00	1.13	0.01	0.00	<b>0.00</b>	CO 9
	1969	6.000	max N	<b>26.07</b>	0.00	-1.07	0.00	0.00	0.00	CO 17
			min N	<b>-65.85</b>	0.00	-1.29	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	-4.68	<b>0.00</b>	-1.13	0.01	0.00	0.00	CO 9
			min V <sub>y</sub>	-49.33	<b>0.00</b>	-1.24	0.00	0.00	0.00	CO 12
			max V <sub>z</sub>	26.07	0.00	<b>-1.07</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-65.85	0.00	<b>-1.29</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	12.87	0.00	-1.09	<b>0.01</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	3.78	0.00	-1.11	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-4.68	0.00	-1.13	0.01	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-65.85	0.00	-1.29	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-4.68	0.00	-1.13	0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	3.78	0.00	-1.11	0.00	0.00	<b>0.00</b>	CO 1
	1972	0.000	Max N	<b>26.07</b>	0.00	1.07	0.00	0.00	0.00	CO 17
		3.000	Min N	<b>-65.85</b>	0.00	0.00	0.00	2.00	0.00	CO 8
	1972	0.000	Max V <sub>y</sub>	-49.33	<b>0.00</b>	1.24	0.00	0.00	0.00	CO 12
	1969	6.000	Min V <sub>y</sub>	-49.33	<b>0.00</b>	-1.24	0.00	0.00	0.00	CO 12
	1972	0.000	Max V <sub>z</sub>	-65.85	0.00	<b>1.29</b>	0.00	0.00	0.00	CO 8
	1969	6.000	Min V <sub>z</sub>	-65.85	0.00	<b>-1.29</b>	0.00	0.00	0.00	CO 8
	1972	0.000	Max M <sub>T</sub>	12.87	0.00	1.09	<b>0.01</b>	0.00	0.00	CO 13
	1972	0.000	Min M <sub>T</sub>	3.78	0.00	1.11	<b>0.00</b>	0.00	0.00	CO 1
		3.000	Max M <sub>y</sub>	-65.85	0.00	0.00	0.00	<b>2.00</b>	0.00	CO 8
	1972	0.000	Min M <sub>y</sub>	-65.85	0.00	1.29	0.00	<b>0.00</b>	0.00	CO 8
		2.750	Max M <sub>z</sub>	-4.68	0.00	0.09	0.01	1.69	<b>0.00</b>	CO 9
		3.000	Min M <sub>z</sub>	-65.85	0.00	0.00	0.00	2.00	<b>0.00</b>	CO 8
2322	1979	0.000	max N	<b>29.29</b>	0.00	1.06	0.01	0.00	0.00	CO 12
			min N	<b>-4.32</b>	0.00	1.13	-0.02	0.00	0.00	CO 9
			max V <sub>y</sub>	29.29	<b>0.00</b>	1.06	0.01	0.00	0.00	CO 12
			min V <sub>y</sub>	2.12	<b>0.00</b>	1.11	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-4.32	0.00	<b>1.13</b>	-0.02	0.00	0.00	CO 9
			min V <sub>z</sub>	29.29	0.00	<b>1.06</b>	0.01	0.00	0.00	CO 12
			max M <sub>T</sub>	29.29	0.00	1.06	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	2.64	0.00	1.11	<b>-0.02</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	2.12	0.00	1.11	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	2.64	0.00	1.11	-0.02	<b>0.00</b>	0.00	CO 15
			max M <sub>z</sub>	-4.32	0.00	1.13	-0.02	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	22.26	0.00	1.07	0.01	0.00	<b>0.00</b>	CO 10
	1975	6.000	max N	<b>29.29</b>	0.00	-1.06	0.01	0.00	0.00	CO 12
			min N	<b>-4.32</b>	0.00	-1.13	-0.02	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	2.12	<b>0.00</b>	-1.11	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	29.29	<b>0.00</b>	-1.06	0.01	0.00	0.00	CO 12
			max V <sub>z</sub>	29.29	0.00	<b>-1.06</b>	0.01	0.00	0.00	CO 12
			min V <sub>z</sub>	-4.32	0.00	<b>-1.13</b>	-0.02	0.00	0.00	CO 9
			max M <sub>T</sub>	29.29	0.00	-1.06	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	2.64	0.00	-1.11	<b>-0.02</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	2.12	0.00	-1.11	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	2.64	0.00	-1.11	-0.02	<b>0.00</b>	0.00	CO 15
			max M <sub>z</sub>	22.26	0.00	-1.07	0.01	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	-4.32	0.00	-1.13	-0.02	0.00	<b>0.00</b>	CO 9
	1979	0.000	Max N	<b>29.29</b>	0.00	1.06	0.01	0.00	0.00	CO 12
		3.000	Min N	<b>-4.32</b>	0.00	0.00	-0.02	1.70	0.00	CO 9
	1979	0.000	Max V <sub>y</sub>	29.29	<b>0.00</b>	1.06	0.01	0.00	0.00	CO 12
	1975	6.000	Min V <sub>y</sub>	29.29	<b>0.00</b>	-1.06	0.01	0.00	0.00	CO 12
	1979	0.000	Max V <sub>z</sub>	-4.32	0.00	<b>1.13</b>	-0.02	0.00	0.00	CO 9
	1975	6.000	Min V <sub>z</sub>	-4.32	0.00	<b>-1.13</b>	-0.02	0.00	0.00	CO 9
		3.000	Max M <sub>T</sub>	29.29	0.00	0.00	<b>0.01</b>	1.57	0.00	CO 12
		3.000	Min M <sub>T</sub>	2.64	0.00	0.00	<b>-0.02</b>	1.67	0.00	CO 15
		3.000	Max M <sub>y</sub>	-4.32	0.00	0.00	-0.02	<b>1.70</b>	0.00	CO 9
	1979	0.000	Min M <sub>y</sub>	2.64	0.00	1.11	-0.02	<b>0.00</b>	0.00	CO 15
	1979	0.000	Max M <sub>z</sub>	-4.32	0.00	1.13	-0.02	0.00	<b>0.00</b>	CO 9
		3.000	Min M <sub>z</sub>	29.29	0.00	0.00	0.01	1.57	<b>0.00</b>	CO 12
2323	1973	0.000	max N	<b>123.42</b>	0.00	0.91	0.06	0.00	0.00	CO 12
			min N	<b>-14.08</b>	0.00	1.15	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	111.87	<b>0.00</b>	0.92	0.05	0.00	0.00	CO 8
			min V <sub>y</sub>	5.36	<b>0.00</b>	1.11	0.01	0.00	0.00	CO 19
			max V <sub>z</sub>	-14.08	0.00	<b>1.15</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	123.42	0.00	<b>0.91</b>	0.06	0.00	0.00	CO 12
			max M <sub>T</sub>	123.42	0.00	0.91	<b>0.06</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	2.65	0.00	1.11	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-3.72	0.00	1.13	0.01	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	123.42	0.00	0.91	0.06	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	2.65	0.00	1.11	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	123.42	0.00	0.91	0.06	0.00	<b>0.00</b>	CO 12
	1970	6.000	max N	<b>123.42</b>	0.00	-0.91	0.06	0.00	0.00	CO 12
			min N	<b>-14.08</b>	0.00	-1.15	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	-8.56	<b>0.00</b>	-1.14	0.01	0.00	0.00	CO 15
			min V <sub>y</sub>	123.42	<b>0.00</b>	-0.91	0.06	0.00	0.00	CO 12
			max V <sub>z</sub>	123.42	0.00	<b>-0.91</b>	0.06	0.00	0.00	CO 12
			min V <sub>z</sub>	-14.08	0.00	<b>-1.15</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	123.42	0.00	-0.91	<b>0.06</b>	0.00	0.00	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	2.65	0.00	-1.11	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-3.72	0.00	-1.13	0.01	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	123.42	0.00	-0.91	0.06	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	123.42	0.00	-0.91	0.06	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	2.65	0.00	-1.11	0.00	0.00	<b>0.00</b>	CO 1
	1973	0.000	Max N	<b>123.42</b>	0.00	0.91	0.06	0.00	0.00	CO 12
		3.000	Min N	<b>-14.08</b>	0.00	0.00	0.00	1.74	0.00	CO 9
	1973	0.000	Max V <sub>y</sub>	111.87	<b>0.00</b>	0.92	0.05	0.00	0.00	CO 8
	1970	6.000	Min V <sub>y</sub>	123.42	<b>0.00</b>	-0.91	0.06	0.00	0.00	CO 12
	1973	0.000	Max V <sub>z</sub>	-14.08	0.00	<b>1.15</b>	0.00	0.00	0.00	CO 9
	1970	6.000	Min V <sub>z</sub>	-14.08	0.00	<b>-1.15</b>	0.00	0.00	0.00	CO 9
		3.000	Max M <sub>T</sub>	123.42	0.00	0.00	<b>0.06</b>	1.28	0.00	CO 12
	1973	0.000	Min M <sub>T</sub>	2.65	0.00	1.11	<b>0.00</b>	0.00	0.00	CO 1
		3.000	Max M <sub>y</sub>	-14.08	0.00	0.00	0.00	<b>1.74</b>	0.00	CO 9
	1973	0.000	Min M <sub>y</sub>	123.42	0.00	0.91	0.06	<b>0.00</b>	0.00	CO 12
	1970	6.000	Max M <sub>z</sub>	123.42	0.00	-0.91	0.06	0.00	<b>0.00</b>	CO 12
		3.000	Min M <sub>z</sub>	111.86	0.00	0.00	0.05	1.31	<b>0.00</b>	CO 8
2324	1974	0.000	max N	<b>8.06</b>	0.00	1.10	0.06	0.00	0.00	CO 10
			min N	<b>-11.22</b>	0.00	1.14	0.02	0.00	0.00	CO 15
			max V <sub>y</sub>	7.24	<b>0.00</b>	1.10	0.06	0.00	0.00	CO 8
			min V <sub>y</sub>	-10.41	<b>0.00</b>	1.14	0.02	0.00	0.00	CO 13
			max V <sub>z</sub>	-11.22	0.00	<b>1.14</b>	0.02	0.00	0.00	CO 15
			min V <sub>z</sub>	8.06	0.00	<b>1.10</b>	0.06	0.00	0.00	CO 10
			max M <sub>T</sub>	7.24	0.00	1.10	<b>0.06</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	1.06	0.00	1.12	<b>-0.01</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-11.20	0.00	1.14	0.02	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	8.06	0.00	1.10	0.06	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	1.06	0.00	1.12	-0.01	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	7.24	0.00	1.10	0.06	0.00	<b>0.00</b>	CO 8
	1971	6.000	max N	<b>8.06</b>	0.00	-1.10	0.06	0.00	0.00	CO 10
			min N	<b>-11.22</b>	0.00	-1.14	0.02	0.00	0.00	CO 15
			max V <sub>y</sub>	-10.41	<b>0.00</b>	-1.14	0.02	0.00	0.00	CO 13
			min V <sub>y</sub>	7.24	<b>0.00</b>	-1.10	0.06	0.00	0.00	CO 8
			max V <sub>z</sub>	8.06	0.00	<b>-1.10</b>	0.06	0.00	0.00	CO 10
			min V <sub>z</sub>	-11.22	0.00	<b>-1.14</b>	0.02	0.00	0.00	CO 15
			max M <sub>T</sub>	7.24	0.00	-1.10	<b>0.06</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	1.06	0.00	-1.12	<b>-0.01</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-11.20	0.00	-1.14	0.02	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	8.06	0.00	-1.10	0.06	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	7.24	0.00	-1.10	0.06	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	1.06	0.00	-1.12	-0.01	0.00	<b>0.00</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1974	0.000	Max N	<b>8.06</b>	0.00	1.10	0.06	0.00	0.00	CO 10
		3.000	Min N	<b>-11.23</b>	0.00	0.00	0.02	1.73	0.00	CO 15
	1974	0.000	Max V <sub>y</sub>	7.24	<b>0.00</b>	1.10	0.06	0.00	0.00	CO 8
	1971	6.000	Min V <sub>y</sub>	7.24	<b>0.00</b>	-1.10	0.06	0.00	0.00	CO 8
	1974	0.000	Max V <sub>z</sub>	-11.22	0.00	<b>1.14</b>	0.02	0.00	0.00	CO 15
	1971	6.000	Min V <sub>z</sub>	-11.22	0.00	<b>-1.14</b>	0.02	0.00	0.00	CO 15
		3.000	Max M <sub>T</sub>	7.23	0.00	0.00	<b>0.07</b>	1.65	0.00	CO 8
	1974	0.000	Min M <sub>T</sub>	1.06	0.00	1.12	<b>-0.01</b>	0.00	0.00	CO 17
		3.000	Max M <sub>y</sub>	-11.23	0.00	0.00	0.02	<b>1.73</b>	0.00	CO 15
	1974	0.000	Min M <sub>y</sub>	8.06	0.00	1.10	0.06	<b>0.00</b>	0.00	CO 10
		3.000	Max M <sub>z</sub>	-10.41	0.00	0.00	0.02	1.72	<b>0.00</b>	CO 13
		3.000	Min M <sub>z</sub>	7.23	0.00	0.00	0.07	1.65	<b>0.00</b>	CO 8
2325	1976	0.000	max N	<b>14.15</b>	0.00	1.09	-0.01	0.00	0.00	CO 17
			min N	<b>-83.13</b>	0.00	1.35	0.05	0.00	0.00	CO 8
			max V <sub>y</sub>	-74.64	<b>0.00</b>	1.32	0.05	0.00	0.00	CO 12
			min V <sub>y</sub>	-11.44	<b>0.00</b>	1.15	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-83.13	0.00	<b>1.35</b>	0.05	0.00	0.00	CO 8
			min V <sub>z</sub>	14.15	0.00	<b>1.09</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-83.13	0.00	1.35	<b>0.05</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	6.02	0.00	1.11	<b>-0.01</b>	0.00	0.00	CO 19
			max M <sub>y</sub>	-1.82	0.00	1.12	-0.01	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-83.13	0.00	1.35	0.05	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	6.02	0.00	1.11	-0.01	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	-83.13	0.00	1.35	0.05	0.00	<b>0.00</b>	CO 8
	1972	6.000	max N	<b>14.15</b>	0.00	-1.09	-0.01	0.00	0.00	CO 17
			min N	<b>-83.13</b>	0.00	-1.35	0.05	0.00	0.00	CO 8
			max V <sub>y</sub>	-11.44	<b>0.00</b>	-1.15	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-74.64	<b>0.00</b>	-1.32	0.05	0.00	0.00	CO 12
			max V <sub>z</sub>	14.15	0.00	<b>-1.09</b>	-0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	-83.13	0.00	<b>-1.35</b>	0.05	0.00	0.00	CO 8
			max M <sub>T</sub>	-83.13	0.00	-1.35	<b>0.05</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	6.02	0.00	-1.11	<b>-0.01</b>	0.00	0.00	CO 19
			max M <sub>y</sub>	-1.82	0.00	-1.12	-0.01	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-83.13	0.00	-1.35	0.05	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-83.13	0.00	-1.35	0.05	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	6.02	0.00	-1.11	-0.01	0.00	<b>0.00</b>	CO 19
	1976	0.000	Max N	<b>14.15</b>	0.00	1.09	-0.01	0.00	0.00	CO 17
		3.000	Min N	<b>-83.13</b>	0.00	0.00	0.05	2.11	0.00	CO 8
	1976	0.000	Max V <sub>y</sub>	-74.64	<b>0.00</b>	1.32	0.05	0.00	0.00	CO 12
	1972	6.000	Min V <sub>y</sub>	-74.64	<b>0.00</b>	-1.32	0.05	0.00	0.00	CO 12
	1976	0.000	Max V <sub>z</sub>	-83.13	0.00	<b>1.35</b>	0.05	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1972	6.000	Min V <sub>z</sub>	-83.13	0.00	<b>-1.35</b>	0.05	0.00	0.00	CO 8
		3.000	Max M <sub>T</sub>	-83.13	0.00	0.00	<b>0.05</b>	2.11	0.00	CO 8
	1976	0.000	Min M <sub>T</sub>	6.02	0.00	1.11	<b>-0.01</b>	0.00	0.00	CO 19
		3.000	Max M <sub>y</sub>	-83.13	0.00	0.00	0.05	<b>2.11</b>	0.00	CO 8
	1976	0.000	Min M <sub>y</sub>	-83.13	0.00	1.35	0.05	<b>0.00</b>	0.00	CO 8
	1972	6.000	Max M <sub>z</sub>	-83.13	0.00	-1.35	0.05	0.00	<b>0.00</b>	CO 8
		3.000	Min M <sub>z</sub>	-74.64	0.00	0.00	0.05	2.06	<b>0.00</b>	CO 12
2326	1987	0.000	max N	<b>8.87</b>	0.00	1.10	0.06	0.00	0.00	CO 10
			min N	<b>-8.51</b>	0.00	1.14	-0.03	0.00	0.00	CO 15
			max V <sub>y</sub>	8.85	<b>0.00</b>	1.10	0.07	0.00	0.00	CO 12
			min V <sub>y</sub>	0.23	<b>0.00</b>	1.12	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-8.51	0.00	<b>1.14</b>	-0.03	0.00	0.00	CO 15
			min V <sub>z</sub>	8.87	0.00	<b>1.10</b>	0.06	0.00	0.00	CO 10
			max M <sub>T</sub>	8.85	0.00	1.10	<b>0.07</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-8.48	0.00	1.14	<b>-0.03</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-8.48	0.00	1.14	-0.03	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	8.85	0.00	1.10	0.07	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-8.48	0.00	1.14	-0.03	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	8.85	0.00	1.10	0.07	0.00	<b>0.00</b>	CO 12
	1979	6.000	max N	<b>8.87</b>	0.00	-1.10	0.06	0.00	0.00	CO 10
			min N	<b>-8.51</b>	0.00	-1.14	-0.03	0.00	0.00	CO 15
			max V <sub>y</sub>	0.23	<b>0.00</b>	-1.12	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	8.85	<b>0.00</b>	-1.10	0.07	0.00	0.00	CO 12
			max V <sub>z</sub>	8.87	0.00	<b>-1.10</b>	0.06	0.00	0.00	CO 10
			min V <sub>z</sub>	-8.51	0.00	<b>-1.14</b>	-0.03	0.00	0.00	CO 15
			max M <sub>T</sub>	8.85	0.00	-1.10	<b>0.07</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-8.48	0.00	-1.14	<b>-0.03</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-8.48	0.00	-1.14	-0.03	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	8.85	0.00	-1.10	0.07	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	8.85	0.00	-1.10	0.07	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-8.48	0.00	-1.14	-0.03	0.00	<b>0.00</b>	CO 9
	1979	6.000	Max N	<b>8.87</b>	0.00	-1.10	0.06	0.00	0.00	CO 10
		3.000	Min N	<b>-8.51</b>	0.00	0.00	-0.03	1.71	0.00	CO 15
	1987	0.000	Max V <sub>y</sub>	8.85	<b>0.00</b>	1.10	0.07	0.00	0.00	CO 12
	1979	6.000	Min V <sub>y</sub>	8.85	<b>0.00</b>	-1.10	0.07	0.00	0.00	CO 12
	1987	0.000	Max V <sub>z</sub>	-8.51	0.00	<b>1.14</b>	-0.03	0.00	0.00	CO 15
	1979	6.000	Min V <sub>z</sub>	-8.51	0.00	<b>-1.14</b>	-0.03	0.00	0.00	CO 15
		3.000	Max M <sub>T</sub>	8.85	0.00	0.00	<b>0.07</b>	1.64	0.00	CO 12
	1987	0.000	Min M <sub>T</sub>	-8.48	0.00	1.14	<b>-0.03</b>	0.00	0.00	CO 9
		3.000	Max M <sub>y</sub>	-8.51	0.00	0.00	-0.03	<b>1.71</b>	0.00	CO 15
	1987	0.000	Min M <sub>y</sub>	8.85	0.00	1.10	0.07	<b>0.00</b>	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1979	6.000	Max M <sub>z</sub>	8.85	0.00	-1.10	0.07	0.00	<b>0.00</b>	CO 12
		3.000	Min M <sub>z</sub>	8.85	0.00	0.00	0.07	1.64	<b>0.00</b>	CO 12
2327	1977	0.000	max N	<b>98.37</b>	0.00	0.94	0.10	0.00	0.00	CO 12
			min N	<b>-20.22</b>	0.00	1.17	-0.01	0.00	0.00	CO 9
			max V <sub>y</sub>	87.06	<b>0.00</b>	0.96	0.10	0.00	0.00	CO 8
			min V <sub>y</sub>	15.59	<b>0.00</b>	1.09	-0.01	0.00	0.00	CO 17
			max V <sub>z</sub>	-20.22	0.00	<b>1.17</b>	-0.01	0.00	0.00	CO 9
			min V <sub>z</sub>	98.37	0.00	<b>0.94</b>	0.10	0.00	0.00	CO 12
			max M <sub>T</sub>	87.06	0.00	0.96	<b>0.10</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-9.73	0.00	1.14	<b>-0.01</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	15.59	0.00	1.09	-0.01	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	92.23	0.00	0.95	0.10	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	-9.73	0.00	1.14	-0.01	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	87.06	0.00	0.96	0.10	0.00	<b>0.00</b>	CO 8
	1973	6.000	max N	<b>98.37</b>	0.00	-0.94	0.10	0.00	0.00	CO 12
			min N	<b>-20.22</b>	0.00	-1.17	-0.01	0.00	0.00	CO 9
			max V <sub>y</sub>	1.85	<b>0.00</b>	-1.12	-0.01	0.00	0.00	CO 19
			min V <sub>y</sub>	87.06	<b>0.00</b>	-0.96	0.10	0.00	0.00	CO 8
			max V <sub>z</sub>	98.37	0.00	<b>-0.94</b>	0.10	0.00	0.00	CO 12
			min V <sub>z</sub>	-20.22	0.00	<b>-1.17</b>	-0.01	0.00	0.00	CO 9
			max M <sub>T</sub>	87.06	0.00	-0.96	<b>0.10</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-9.73	0.00	-1.14	<b>-0.01</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	15.59	0.00	-1.09	-0.01	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	92.23	0.00	-0.95	0.10	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	87.06	0.00	-0.96	0.10	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-9.73	0.00	-1.14	-0.01	0.00	<b>0.00</b>	CO 13
	1973	6.000	Max N	<b>98.37</b>	0.00	-0.94	0.10	0.00	0.00	CO 12
		3.000	Min N	<b>-20.23</b>	0.00	0.00	-0.01	1.77	0.00	CO 9
	1977	0.000	Max V <sub>y</sub>	87.06	<b>0.00</b>	0.96	0.10	0.00	0.00	CO 8
	1973	6.000	Min V <sub>y</sub>	87.06	<b>0.00</b>	-0.96	0.10	0.00	0.00	CO 8
	1977	0.000	Max V <sub>z</sub>	-20.22	0.00	<b>1.17</b>	-0.01	0.00	0.00	CO 9
	1973	6.000	Min V <sub>z</sub>	-20.22	0.00	<b>-1.17</b>	-0.01	0.00	0.00	CO 9
		3.000	Max M <sub>T</sub>	87.06	0.00	0.00	<b>0.10</b>	1.38	0.00	CO 8
		3.000	Min M <sub>T</sub>	-9.73	0.00	0.00	<b>-0.01</b>	1.72	0.00	CO 13
		3.000	Max M <sub>y</sub>	-20.23	0.00	0.00	-0.01	<b>1.77</b>	0.00	CO 9
	1977	0.000	Min M <sub>y</sub>	92.23	0.00	0.95	0.10	<b>0.00</b>	0.00	CO 10
	1973	6.000	Max M <sub>z</sub>	87.06	0.00	-0.96	0.10	0.00	<b>0.00</b>	CO 8
		3.000	Min M <sub>z</sub>	87.06	0.00	0.00	0.10	1.38	<b>0.00</b>	CO 8
2328	1978	0.000	max N	<b>8.25</b>	0.00	1.10	0.12	0.00	0.00	CO 10
			min N	<b>-11.98</b>	0.00	1.15	-0.01	0.00	0.00	CO 15
			max V <sub>y</sub>	7.41	<b>0.00</b>	1.10	0.11	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-11.15	<b>0.00</b>	1.14	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	-11.98	0.00	<b>1.15</b>	-0.01	0.00	0.00	CO 15
			min V <sub>z</sub>	8.25	0.00	<b>1.10</b>	0.12	0.00	0.00	CO 10
			max M <sub>T</sub>	8.25	0.00	1.10	<b>0.12</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-11.97	0.00	1.15	<b>-0.01</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-7.08	0.00	1.13	0.00	<b>0.00</b>	0.00	CO 21
			min M <sub>y</sub>	8.25	0.00	1.10	0.12	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-11.97	0.00	1.15	-0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	8.25	0.00	1.10	0.12	0.00	<b>0.00</b>	CO 12
	1974	6.000	max N	<b>8.25</b>	0.00	-1.10	0.12	0.00	0.00	CO 10
			min N	<b>-11.98</b>	0.00	-1.15	-0.01	0.00	0.00	CO 15
			max V <sub>y</sub>	-11.15	<b>0.00</b>	-1.14	0.00	0.00	0.00	CO 13
			min V <sub>y</sub>	7.41	<b>0.00</b>	-1.10	0.11	0.00	0.00	CO 8
			max V <sub>z</sub>	8.25	0.00	<b>-1.10</b>	0.12	0.00	0.00	CO 10
			min V <sub>z</sub>	-11.98	0.00	<b>-1.15</b>	-0.01	0.00	0.00	CO 15
			max M <sub>T</sub>	8.25	0.00	-1.10	<b>0.12</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-11.97	0.00	-1.15	<b>-0.01</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-7.08	0.00	-1.13	0.00	<b>0.00</b>	0.00	CO 21
			min M <sub>y</sub>	8.25	0.00	-1.10	0.12	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	8.25	0.00	-1.10	0.12	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-11.97	0.00	-1.15	-0.01	0.00	<b>0.00</b>	CO 9
	1974	6.000	Max N	<b>8.25</b>	0.00	-1.10	0.12	0.00	0.00	CO 10
		3.000	Min N	<b>-11.98</b>	0.00	0.00	-0.01	1.73	0.00	CO 15
	1974	6.000	Max V <sub>y</sub>	-11.15	<b>0.00</b>	-1.14	0.00	0.00	0.00	CO 13
	1974	6.000	Min V <sub>y</sub>	7.41	<b>0.00</b>	-1.10	0.11	0.00	0.00	CO 8
	1978	0.000	Max V <sub>z</sub>	-11.98	0.00	<b>1.15</b>	-0.01	0.00	0.00	CO 15
	1974	6.000	Min V <sub>z</sub>	-11.98	0.00	<b>-1.15</b>	-0.01	0.00	0.00	CO 15
		3.000	Max M <sub>T</sub>	8.24	0.00	0.00	<b>0.12</b>	1.65	0.00	CO 12
		3.000	Min M <sub>T</sub>	-11.98	0.00	0.00	<b>-0.01</b>	1.73	0.00	CO 9
		3.000	Max M <sub>y</sub>	-11.98	0.00	0.00	-0.01	<b>1.73</b>	0.00	CO 15
	1978	0.000	Min M <sub>y</sub>	8.25	0.00	1.10	0.12	<b>0.00</b>	0.00	CO 12
		3.000	Max M <sub>z</sub>	-11.15	0.00	0.00	0.00	1.73	<b>0.00</b>	CO 13
		3.250	Min M <sub>z</sub>	7.41	0.00	-0.09	0.11	1.64	<b>0.00</b>	CO 8
2329	1980	0.000	max N	<b>14.71</b>	0.00	1.09	0.00	0.00	0.00	CO 17
			min N	<b>-57.76</b>	0.00	1.27	0.10	0.00	0.00	CO 8
			max V <sub>y</sub>	-48.53	<b>0.00</b>	1.24	0.11	0.00	0.00	CO 12
			min V <sub>y</sub>	-17.27	<b>0.00</b>	1.16	0.01	0.00	0.00	CO 9
			max V <sub>z</sub>	-57.76	0.00	<b>1.27</b>	0.10	0.00	0.00	CO 8
			min V <sub>z</sub>	14.71	0.00	<b>1.09</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-48.53	0.00	1.24	<b>0.11</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	2.25	0.00	1.11	<b>0.00</b>	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-11.51	0.00	1.15	0.01	<b>0.00</b>	0.00	CO 15
			min M <sub>y</sub>	-48.53	0.00	1.24	0.11	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	2.25	0.00	1.11	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-48.53	0.00	1.24	0.11	0.00	<b>0.00</b>	CO 12
	1976	6.000	max N	<b>14.71</b>	0.00	-1.09	0.00	0.00	0.00	CO 17
			min N	<b>-57.76</b>	0.00	-1.27	0.10	0.00	0.00	CO 8
			max V <sub>y</sub>	-17.27	<b>0.00</b>	-1.16	0.01	0.00	0.00	CO 9
			min V <sub>y</sub>	-48.53	<b>0.00</b>	-1.24	0.11	0.00	0.00	CO 12
			max V <sub>z</sub>	14.71	0.00	<b>-1.09</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-57.76	0.00	<b>-1.27</b>	0.10	0.00	0.00	CO 8
			max M <sub>T</sub>	-48.53	0.00	-1.24	<b>0.11</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	2.25	0.00	-1.11	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-11.51	0.00	-1.15	0.01	<b>0.00</b>	0.00	CO 15
			min M <sub>y</sub>	-48.53	0.00	-1.24	0.11	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-48.53	0.00	-1.24	0.11	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	2.25	0.00	-1.11	0.00	0.00	<b>0.00</b>	CO 1
	1980	0.000	Max N	<b>14.71</b>	0.00	1.09	0.00	0.00	0.00	CO 17
		3.000	Min N	<b>-57.76</b>	0.00	0.00	0.10	1.96	0.00	CO 8
	1980	0.000	Max V <sub>y</sub>	-48.53	<b>0.00</b>	1.24	0.11	0.00	0.00	CO 12
	1976	6.000	Min V <sub>y</sub>	-48.53	<b>0.00</b>	-1.24	0.11	0.00	0.00	CO 12
	1980	0.000	Max V <sub>z</sub>	-57.76	0.00	<b>1.27</b>	0.10	0.00	0.00	CO 8
	1976	6.000	Min V <sub>z</sub>	-57.76	0.00	<b>-1.27</b>	0.10	0.00	0.00	CO 8
		3.000	Max M <sub>T</sub>	-48.54	0.00	0.00	<b>0.11</b>	1.91	0.00	CO 12
	1980	0.000	Min M <sub>T</sub>	2.25	0.00	1.11	<b>0.00</b>	0.00	0.00	CO 1
		3.000	Max M <sub>y</sub>	-57.76	0.00	0.00	0.10	<b>1.96</b>	0.00	CO 8
	1980	0.000	Min M <sub>y</sub>	-48.53	0.00	1.24	0.11	<b>0.00</b>	0.00	CO 12
	1976	6.000	Max M <sub>z</sub>	-48.53	0.00	-1.24	0.11	0.00	<b>0.00</b>	CO 12
		3.000	Min M <sub>z</sub>	-48.54	0.00	0.00	0.11	1.91	<b>0.00</b>	CO 12
2330	1988	0.000	max N	<b>8.85</b>	0.00	1.10	0.10	0.00	0.00	CO 10
			min N	<b>-9.09</b>	0.00	1.14	0.00	0.00	0.00	CO 15
			max V <sub>y</sub>	-8.35	<b>0.00</b>	1.14	0.00	0.00	0.00	CO 13
			min V <sub>y</sub>	0.24	<b>0.00</b>	1.12	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-9.09	0.00	<b>1.14</b>	0.00	0.00	0.00	CO 15
			min V <sub>z</sub>	8.85	0.00	<b>1.10</b>	0.10	0.00	0.00	CO 10
			max M <sub>T</sub>	8.84	0.00	1.10	<b>0.10</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-9.09	0.00	1.14	<b>0.00</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	-4.62	0.00	1.13	0.00	<b>0.00</b>	0.00	CO 6
			min M <sub>y</sub>	8.84	0.00	1.10	0.10	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-9.09	0.00	1.14	0.00	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	8.84	0.00	1.10	0.10	0.00	<b>0.00</b>	CO 12
	1987	6.000	max N	<b>8.85</b>	0.00	-1.10	0.10	0.00	0.00	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-9.09</b>	0.00	-1.14	0.00	0.00	0.00	CO 15
			max V <sub>y</sub>	0.24	<b>0.00</b>	-1.12	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	8.84	<b>0.00</b>	-1.10	0.10	0.00	0.00	CO 12
			max V <sub>z</sub>	8.85	0.00	<b>-1.10</b>	0.10	0.00	0.00	CO 10
			min V <sub>z</sub>	-9.09	0.00	<b>-1.14</b>	0.00	0.00	0.00	CO 15
			max M <sub>T</sub>	8.84	0.00	-1.10	<b>0.10</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-9.09	0.00	-1.14	<b>0.00</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	-4.62	0.00	-1.13	0.00	<b>0.00</b>	0.00	CO 6
			min M <sub>y</sub>	8.84	0.00	-1.10	0.10	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	8.84	0.00	-1.10	0.10	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-9.09	0.00	-1.14	0.00	0.00	<b>0.00</b>	CO 15
	1988	0.000	Max N	<b>8.85</b>	0.00	1.10	0.10	0.00	0.00	CO 10
		3.000	Min N	<b>-9.09</b>	0.00	0.00	0.00	1.72	0.00	CO 15
	1988	0.000	Max V <sub>y</sub>	-8.35	<b>0.00</b>	1.14	0.00	0.00	0.00	CO 13
	1987	6.000	Min V <sub>y</sub>	8.84	<b>0.00</b>	-1.10	0.10	0.00	0.00	CO 12
	1988	0.000	Max V <sub>z</sub>	-9.09	0.00	<b>1.14</b>	0.00	0.00	0.00	CO 15
	1987	6.000	Min V <sub>z</sub>	-9.09	0.00	<b>-1.14</b>	0.00	0.00	0.00	CO 15
		3.000	Max M <sub>T</sub>	8.84	0.00	0.00	<b>0.10</b>	1.64	0.00	CO 12
		3.000	Min M <sub>T</sub>	-9.09	0.00	0.00	<b>0.00</b>	1.72	0.00	CO 15
		3.000	Max M <sub>y</sub>	-9.09	0.00	0.00	0.00	<b>1.72</b>	0.00	CO 15
	1988	0.000	Min M <sub>y</sub>	8.84	0.00	1.10	0.10	<b>0.00</b>	0.00	CO 12
	1987	6.000	Max M <sub>z</sub>	8.84	0.00	-1.10	0.10	0.00	<b>0.00</b>	CO 12
		3.000	Min M <sub>z</sub>	-8.36	0.00	0.00	0.00	1.71	<b>0.00</b>	CO 13
2331	1981	0.000	max N	<b>47.56</b>	0.00	1.02	0.11	0.00	0.00	CO 12
			min N	<b>-18.99</b>	0.00	1.16	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	44.53	<b>0.00</b>	1.03	0.11	0.00	0.00	CO 10
			min V <sub>y</sub>	-16.13	<b>0.00</b>	1.16	0.00	0.00	0.00	CO 15
			max V <sub>z</sub>	-18.99	0.00	<b>1.16</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	47.56	0.00	<b>1.02</b>	0.11	0.00	0.00	CO 12
			max M <sub>T</sub>	41.44	0.00	1.04	<b>0.11</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	8.75	0.00	1.10	<b>-0.01</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-7.75	0.00	1.14	0.00	<b>0.00</b>	0.00	CO 4
			min M <sub>y</sub>	41.44	0.00	1.04	0.11	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	8.75	0.00	1.10	-0.01	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	41.44	0.00	1.04	0.11	0.00	<b>0.00</b>	CO 8
	1977	6.000	max N	<b>47.56</b>	0.00	-1.03	0.11	0.00	0.00	CO 12
			min N	<b>-18.99</b>	0.00	-1.16	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	8.75	<b>0.00</b>	-1.10	-0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	41.44	<b>0.00</b>	-1.04	0.11	0.00	0.00	CO 8
			max V <sub>z</sub>	47.56	0.00	<b>-1.03</b>	0.11	0.00	0.00	CO 12
			min V <sub>z</sub>	-18.99	0.00	<b>-1.16</b>	0.00	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	41.44	0.00	-1.04	<b>0.11</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	8.75	0.00	-1.10	<b>-0.01</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-7.75	0.00	-1.14	0.00	<b>0.00</b>	0.00	CO 4
			min M <sub>y</sub>	41.44	0.00	-1.04	0.11	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	41.44	0.00	-1.04	0.11	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	8.75	0.00	-1.10	-0.01	0.00	<b>0.00</b>	CO 17
	1977	6.000	Max N	<b>47.56</b>	0.00	-1.03	0.11	0.00	0.00	CO 12
		3.000	Min N	<b>-18.99</b>	0.00	0.00	0.00	1.76	0.00	CO 9
	1981	0.000	Max V <sub>y</sub>	44.53	<b>0.00</b>	1.03	0.11	0.00	0.00	CO 10
	1977	6.000	Min V <sub>y</sub>	41.44	<b>0.00</b>	-1.04	0.11	0.00	0.00	CO 8
	1981	0.000	Max V <sub>z</sub>	-18.99	0.00	<b>1.16</b>	0.00	0.00	0.00	CO 9
	1977	6.000	Min V <sub>z</sub>	-18.99	0.00	<b>-1.16</b>	0.00	0.00	0.00	CO 9
		3.000	Max M <sub>T</sub>	41.44	0.00	0.00	<b>0.12</b>	1.52	0.00	CO 8
		3.000	Min M <sub>T</sub>	8.75	0.00	0.00	<b>-0.01</b>	1.64	0.00	CO 17
		3.000	Max M <sub>y</sub>	-18.99	0.00	0.00	0.00	<b>1.76</b>	0.00	CO 9
	1981	0.000	Min M <sub>y</sub>	41.44	0.00	1.04	0.11	<b>0.00</b>	0.00	CO 8
	1977	6.000	Max M <sub>z</sub>	41.44	0.00	-1.04	0.11	0.00	<b>0.00</b>	CO 8
		3.250	Min M <sub>z</sub>	41.44	0.00	-0.08	0.12	1.51	<b>0.00</b>	CO 8
2332	1982	0.000	max N	<b>8.64</b>	0.00	1.10	0.03	0.00	0.00	CO 12
			min N	<b>-12.57</b>	0.00	1.15	-0.03	0.00	0.00	CO 9
			max V <sub>y</sub>	7.70	<b>0.00</b>	1.10	0.09	0.00	0.00	CO 8
			min V <sub>y</sub>	-11.64	<b>0.00</b>	1.15	-0.09	0.00	0.00	CO 13
			max V <sub>z</sub>	-12.57	0.00	<b>1.15</b>	-0.03	0.00	0.00	CO 9
			min V <sub>z</sub>	8.64	0.00	<b>1.10</b>	0.03	0.00	0.00	CO 12
			max M <sub>T</sub>	7.70	0.00	1.10	<b>0.09</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-6.47	0.00	1.13	<b>-0.10</b>	0.00	0.00	CO 19
			max M <sub>y</sub>	5.70	0.00	1.11	-0.02	<b>0.00</b>	0.00	CO 18
			min M <sub>y</sub>	7.70	0.00	1.10	0.09	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-6.47	0.00	1.13	-0.10	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	7.70	0.00	1.10	0.09	0.00	<b>0.00</b>	CO 8
	1978	6.000	max N	<b>8.64</b>	0.00	-1.10	0.03	0.00	0.00	CO 12
			min N	<b>-12.57</b>	0.00	-1.15	-0.03	0.00	0.00	CO 9
			max V <sub>y</sub>	-11.64	<b>0.00</b>	-1.15	-0.09	0.00	0.00	CO 13
			min V <sub>y</sub>	7.70	<b>0.00</b>	-1.10	0.09	0.00	0.00	CO 8
			max V <sub>z</sub>	8.64	0.00	<b>-1.10</b>	0.03	0.00	0.00	CO 12
			min V <sub>z</sub>	-12.57	0.00	<b>-1.15</b>	-0.03	0.00	0.00	CO 9
			max M <sub>T</sub>	7.70	0.00	-1.10	<b>0.09</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-6.47	0.00	-1.13	<b>-0.10</b>	0.00	0.00	CO 19
			max M <sub>y</sub>	5.70	0.00	-1.11	-0.02	<b>0.00</b>	0.00	CO 18
			min M <sub>y</sub>	7.70	0.00	-1.10	0.09	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	7.70	0.00	-1.10	0.09	0.00	<b>0.00</b>	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-6.47	0.00	-1.13	-0.10	0.00	<b>0.00</b>	CO 19
	1982	0.000	Max N	<b>8.64</b>	0.00	1.10	0.03	0.00	0.00	CO 12
		3.000	Min N	<b>-12.58</b>	0.00	0.00	-0.03	1.73	0.00	CO 9
	1978	6.000	Max V <sub>y</sub>	-11.64	<b>0.00</b>	-1.15	-0.09	0.00	0.00	CO 13
	1982	0.000	Min V <sub>y</sub>	-11.64	<b>0.00</b>	1.15	-0.09	0.00	0.00	CO 13
	1982	0.000	Max V <sub>z</sub>	-12.57	0.00	<b>1.15</b>	-0.03	0.00	0.00	CO 9
	1978	6.000	Min V <sub>z</sub>	-12.57	0.00	<b>-1.15</b>	-0.03	0.00	0.00	CO 9
		3.000	Max M <sub>T</sub>	7.69	0.00	0.00	<b>0.09</b>	1.65	0.00	CO 8
		3.000	Min M <sub>T</sub>	-6.48	0.00	0.00	<b>-0.10</b>	1.71	0.00	CO 19
		3.000	Max M <sub>y</sub>	-12.58	0.00	0.00	-0.03	<b>1.73</b>	0.00	CO 9
	1982	0.000	Min M <sub>y</sub>	7.70	0.00	1.10	0.09	<b>0.00</b>	0.00	CO 8
		3.250	Max M <sub>z</sub>	-11.65	0.00	-0.10	-0.09	1.72	<b>0.00</b>	CO 13
		3.250	Min M <sub>z</sub>	7.69	0.00	-0.09	0.09	1.64	<b>0.00</b>	CO 8
2333	1983	0.000	max N	<b>8.37</b>	0.00	1.10	0.01	0.00	0.00	CO 17
			min N	<b>-16.92</b>	0.00	1.16	-0.02	0.00	0.00	CO 9
			max V <sub>y</sub>	-8.89	<b>0.00</b>	1.14	0.12	0.00	0.00	CO 12
			min V <sub>y</sub>	-16.92	<b>0.00</b>	1.16	-0.02	0.00	0.00	CO 9
			max V <sub>z</sub>	-16.92	0.00	<b>1.16</b>	-0.02	0.00	0.00	CO 9
			min V <sub>z</sub>	8.37	0.00	<b>1.10</b>	0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-8.89	0.00	1.14	<b>0.12</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-16.92	0.00	1.16	<b>-0.02</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-3.92	0.00	1.13	0.00	<b>0.00</b>	0.00	CO 6
			min M <sub>y</sub>	-8.89	0.00	1.14	0.12	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-16.92	0.00	1.16	-0.02	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-8.89	0.00	1.14	0.12	0.00	<b>0.00</b>	CO 12
	1980	6.000	max N	<b>8.37</b>	0.00	-1.10	0.01	0.00	0.00	CO 17
			min N	<b>-16.92</b>	0.00	-1.16	-0.02	0.00	0.00	CO 9
			max V <sub>y</sub>	-16.92	<b>0.00</b>	-1.16	-0.02	0.00	0.00	CO 9
			min V <sub>y</sub>	-8.89	<b>0.00</b>	-1.14	0.12	0.00	0.00	CO 12
			max V <sub>z</sub>	8.37	0.00	<b>-1.10</b>	0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	-16.92	0.00	<b>-1.16</b>	-0.02	0.00	0.00	CO 9
			max M <sub>T</sub>	-8.89	0.00	-1.14	<b>0.12</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-16.92	0.00	-1.16	<b>-0.02</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-3.92	0.00	-1.13	0.00	<b>0.00</b>	0.00	CO 6
			min M <sub>y</sub>	-8.89	0.00	-1.14	0.12	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-8.89	0.00	-1.14	0.12	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-16.92	0.00	-1.16	-0.02	0.00	<b>0.00</b>	CO 9
	1983	0.000	Max N	<b>8.37</b>	0.00	1.10	0.01	0.00	0.00	CO 17
		3.000	Min N	<b>-16.92</b>	0.00	0.00	-0.02	1.75	0.00	CO 9
	1983	0.000	Max V <sub>y</sub>	-8.89	<b>0.00</b>	1.14	0.12	0.00	0.00	CO 12
	1980	6.000	Min V <sub>y</sub>	-8.89	<b>0.00</b>	-1.14	0.12	0.00	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1983	0.000	Max V <sub>z</sub>	-16.92	0.00	<b>1.16</b>	-0.02	0.00	0.00	CO 9
	1980	6.000	Min V <sub>z</sub>	-16.92	0.00	<b>-1.16</b>	-0.02	0.00	0.00	CO 9
		3.000	Max M <sub>T</sub>	-8.89	0.00	0.00	<b>0.13</b>	1.72	0.00	CO 12
		3.000	Min M <sub>T</sub>	-16.92	0.00	0.00	<b>-0.02</b>	1.75	0.00	CO 9
		3.000	Max M <sub>y</sub>	-16.92	0.00	0.00	-0.02	<b>1.75</b>	0.00	CO 9
	1983	0.000	Min M <sub>y</sub>	-8.89	0.00	1.14	0.12	<b>0.00</b>	0.00	CO 12
	1980	6.000	Max M <sub>z</sub>	-8.89	0.00	-1.14	0.12	0.00	<b>0.00</b>	CO 12
		3.250	Min M <sub>z</sub>	-8.89	0.00	-0.10	0.13	1.70	<b>0.00</b>	CO 12
2334	426	0.000	max N	<b>-1.52</b>	0.00	7.54	0.00	-3.17	0.00	CO 15
			min N	<b>-1.52</b>	0.00	4.52	0.00	-1.90	0.00	CO 4
			max V <sub>y</sub>	-1.52	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-1.52	<b>0.00</b>	7.54	0.00	-3.17	0.00	CO 13
			max V <sub>z</sub>	-1.52	0.00	<b>7.54</b>	0.00	-3.17	0.00	CO 15
			min V <sub>z</sub>	-1.52	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 10
			max M <sub>T</sub>	-1.52	0.00	7.54	<b>0.00</b>	-3.17	0.00	CO 13
			min M <sub>T</sub>	-1.52	0.00	7.54	<b>0.00</b>	-3.17	0.00	CO 9
			max M <sub>y</sub>	-1.52	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	-1.52	0.00	7.54	0.00	<b>-3.17</b>	0.00	CO 15
			max M <sub>z</sub>	-1.52	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-1.52	0.00	7.54	0.00	-3.17	<b>0.00</b>	CO 13
	1866	0.841	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1866	0.841	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	426	0.000	Min N	<b>-1.52</b>	0.00	4.52	0.00	-1.90	0.00	CO 4
	426	0.000	Max V <sub>y</sub>	-1.52	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 8
	426	0.000	Min V <sub>y</sub>	-1.52	<b>0.00</b>	7.54	0.00	-3.17	0.00	CO 13
	426	0.000	Max V <sub>z</sub>	-1.52	0.00	<b>7.54</b>	0.00	-3.17	0.00	CO 15
	426	0.000	Min V <sub>z</sub>	-1.52	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 10
	426	0.000	Max M <sub>T</sub>	-1.52	0.00	7.54	<b>0.00</b>	-3.17	0.00	CO 13
	426	0.000	Min M <sub>T</sub>	-1.52	0.00	7.54	<b>0.00</b>	-3.17	0.00	CO 9
	426	0.000	Max M <sub>y</sub>	-1.52	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	426	0.000	Min M <sub>y</sub>	-1.52	0.00	7.54	0.00	<b>-3.17</b>	0.00	CO 15
	426	0.000	Max M <sub>z</sub>	-1.52	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 8
	426	0.000	Min M <sub>z</sub>	-1.52	0.00	7.54	0.00	-3.17	<b>0.00</b>	CO 13
2335	1989	0.000	max N	<b>8.83</b>	0.00	1.10	0.14	0.00	0.00	CO 12
			min N	<b>-9.69</b>	0.00	1.14	0.05	0.00	0.00	CO 9
			max V <sub>y</sub>	-8.93	<b>0.00</b>	1.14	0.11	0.00	0.00	CO 13
			min V <sub>y</sub>	8.07	<b>0.00</b>	1.10	0.08	0.00	0.00	CO 8
			max V <sub>z</sub>	-9.69	0.00	<b>1.14</b>	0.05	0.00	0.00	CO 9
			min V <sub>z</sub>	8.83	0.00	<b>1.10</b>	0.14	0.00	0.00	CO 12
			max M <sub>T</sub>	8.83	0.00	1.10	<b>0.14</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.24	0.00	1.12	<b>0.02</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-9.69	0.00	1.14	0.05	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	8.83	0.00	1.10	0.14	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.24	0.00	1.12	0.02	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	8.83	0.00	1.10	0.14	0.00	<b>0.00</b>	CO 12
	1988	6.000	max N	<b>8.83</b>	0.00	-1.10	0.14	0.00	0.00	CO 12
			min N	<b>-9.69</b>	0.00	-1.14	0.05	0.00	0.00	CO 9
			max V <sub>y</sub>	0.24	<b>0.00</b>	-1.12	0.02	0.00	0.00	CO 1
			min V <sub>y</sub>	-8.93	<b>0.00</b>	-1.14	0.11	0.00	0.00	CO 13
			max V <sub>z</sub>	8.83	0.00	<b>-1.10</b>	0.14	0.00	0.00	CO 12
			min V <sub>z</sub>	-9.69	0.00	<b>-1.14</b>	0.05	0.00	0.00	CO 9
			max M <sub>T</sub>	8.83	0.00	-1.10	<b>0.14</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.24	0.00	-1.12	<b>0.02</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-9.69	0.00	-1.14	0.05	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	8.83	0.00	-1.10	0.14	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	8.83	0.00	-1.10	0.14	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.24	0.00	-1.12	0.02	0.00	<b>0.00</b>	CO 1
	1989	0.000	Max N	<b>8.83</b>	0.00	1.10	0.14	0.00	0.00	CO 12
		3.000	Min N	<b>-9.69</b>	0.00	0.00	0.05	1.72	0.00	CO 9
	1989	0.000	Max V <sub>y</sub>	-8.93	<b>0.00</b>	1.14	0.11	0.00	0.00	CO 13
	1988	6.000	Min V <sub>y</sub>	-8.93	<b>0.00</b>	-1.14	0.11	0.00	0.00	CO 13
	1989	0.000	Max V <sub>z</sub>	-9.69	0.00	<b>1.14</b>	0.05	0.00	0.00	CO 9
	1988	6.000	Min V <sub>z</sub>	-9.69	0.00	<b>-1.14</b>	0.05	0.00	0.00	CO 9
		3.000	Max M <sub>T</sub>	8.83	0.00	0.00	<b>0.14</b>	1.64	0.00	CO 12
	1989	0.000	Min M <sub>T</sub>	0.24	0.00	1.12	<b>0.02</b>	0.00	0.00	CO 1
		3.000	Max M <sub>y</sub>	-9.69	0.00	0.00	0.05	<b>1.72</b>	0.00	CO 9
	1989	0.000	Min M <sub>y</sub>	8.83	0.00	1.10	0.14	<b>0.00</b>	0.00	CO 12
	1988	6.000	Max M <sub>z</sub>	8.83	0.00	-1.10	0.14	0.00	<b>0.00</b>	CO 12
		3.250	Min M <sub>z</sub>	-8.93	0.00	-0.10	0.11	1.70	<b>0.00</b>	CO 13
2336	1523	0.000	max N	<b>-1.52</b>	0.00	-7.54	0.00	3.17	0.00	CO 11
			min N	<b>-1.52</b>	0.00	0.00	0.00	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-1.52	<b>0.00</b>	-7.54	0.00	3.17	0.00	CO 9
			min V <sub>y</sub>	-1.52	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 12
			max V <sub>z</sub>	-1.52	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 16
			min V <sub>z</sub>	-1.52	0.00	<b>-7.54</b>	0.00	3.17	0.00	CO 11
			max M <sub>T</sub>	-1.52	0.00	-7.54	<b>0.00</b>	3.17	0.00	CO 15
			min M <sub>T</sub>	-1.52	0.00	-4.53	<b>0.00</b>	1.90	0.00	CO 4
			max M <sub>y</sub>	-1.52	0.00	-7.54	0.00	<b>3.17</b>	0.00	CO 11
			min M <sub>y</sub>	-1.52	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 16
			max M <sub>z</sub>	-1.52	0.00	-7.54	0.00	3.17	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-1.52	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 12
	1869	0.841	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1869	0.841	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1523	0.000	Min N	<b>-1.52</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1523	0.000	Max V <sub>y</sub>	-1.52	<b>0.00</b>	-7.54	0.00	3.17	0.00	CO 9
	1523	0.000	Min V <sub>y</sub>	-1.52	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 12
	1869	0.841	Max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
	1523	0.000	Min V <sub>z</sub>	-1.52	0.00	<b>-7.54</b>	0.00	3.17	0.00	CO 11
	1523	0.000	Max M <sub>T</sub>	-1.52	0.00	-7.54	<b>0.00</b>	3.17	0.00	CO 15
	1523	0.000	Min M <sub>T</sub>	-1.52	0.00	-4.53	<b>0.00</b>	1.90	0.00	CO 4
	1523	0.000	Max M <sub>y</sub>	-1.52	0.00	-7.54	0.00	<b>3.17</b>	0.00	CO 11
	1869	0.841	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
	1523	0.000	Max M <sub>z</sub>	-1.52	0.00	-7.54	0.00	3.17	<b>0.00</b>	CO 9
	1523	0.000	Min M <sub>z</sub>	-1.52	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 12
2337	430	0.000	max N	<b>-1.23</b>	0.00	6.11	0.00	-2.08	0.00	CO 15
			min N	<b>-1.23</b>	0.00	3.67	0.00	-1.25	0.00	CO 4
			max V <sub>y</sub>	-1.23	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 14
			min V <sub>y</sub>	-1.23	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 2
			max V <sub>z</sub>	-1.23	0.00	<b>6.11</b>	0.00	-2.08	0.00	CO 15
			min V <sub>z</sub>	-1.23	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 10
			max M <sub>T</sub>	-1.23	0.00	6.11	<b>0.00</b>	-2.08	0.00	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-1.23	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-1.23	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	-1.23	0.00	6.11	0.00	<b>-2.08</b>	0.00	CO 15
			max M <sub>z</sub>	-1.23	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-1.23	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 2
	1872	0.681	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1872	0.681	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	430	0.000	Min N	<b>-1.23</b>	0.00	3.67	0.00	-1.25	0.00	CO 4
	430	0.000	Max V <sub>y</sub>	-1.23	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 14
	430	0.000	Min V <sub>y</sub>	-1.23	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 2
	430	0.000	Max V <sub>z</sub>	-1.23	0.00	<b>6.11</b>	0.00	-2.08	0.00	CO 15
	430	0.000	Min V <sub>z</sub>	-1.23	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 10
	430	0.000	Max M <sub>T</sub>	-1.23	0.00	6.11	<b>0.00</b>	-2.08	0.00	CO 11
	430	0.000	Min M <sub>T</sub>	-1.23	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
	430	0.000	Max M <sub>y</sub>	-1.23	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 10
	430	0.000	Min M <sub>y</sub>	-1.23	0.00	6.11	0.00	<b>-2.08</b>	0.00	CO 15
	430	0.000	Max M <sub>z</sub>	-1.23	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 14
	430	0.000	Min M <sub>z</sub>	-1.23	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 2
2338	1646	0.000	max N	<b>-1.23</b>	0.00	-6.11	0.00	2.08	0.00	CO 11
			min N	<b>-1.23</b>	0.00	-6.11	0.00	2.08	0.00	CO 15
			max V <sub>y</sub>	-1.23	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	-1.23	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 12
			max V <sub>z</sub>	-1.23	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 16
			min V <sub>z</sub>	-1.23	0.00	<b>-6.11</b>	0.00	2.08	0.00	CO 11
			max M <sub>T</sub>	-1.23	0.00	-6.11	<b>0.00</b>	2.08	0.00	CO 9
			min M <sub>T</sub>	-1.23	0.00	-3.67	<b>0.00</b>	1.25	0.00	CO 19
			max M <sub>y</sub>	-1.23	0.00	-6.11	0.00	<b>2.08</b>	0.00	CO 11
			min M <sub>y</sub>	-1.23	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 16
			max M <sub>z</sub>	-1.23	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-1.23	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1873	0.681	max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			min N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1873	0.681	Max N	<b>0.00</b>	0.00	0.00	0.00	0.00	0.00	CO 1
	1646	0.000	Min N	<b>-1.23</b>	0.00	-6.11	0.00	2.08	0.00	CO 15
	1646	0.000	Max V <sub>y</sub>	-1.23	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 1
	1646	0.000	Min V <sub>y</sub>	-1.23	<b>0.00</b>	0.00	0.00	0.00	0.00	CO 12
	1873	0.681	Max V <sub>z</sub>	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	CO 1
	1646	0.000	Min V <sub>z</sub>	-1.23	0.00	<b>-6.11</b>	0.00	2.08	0.00	CO 11
	1646	0.000	Max M <sub>T</sub>	-1.23	0.00	-6.11	<b>0.00</b>	2.08	0.00	CO 9
	1646	0.000	Min M <sub>T</sub>	-1.23	0.00	-3.67	<b>0.00</b>	1.25	0.00	CO 19
	1646	0.000	Max M <sub>y</sub>	-1.23	0.00	-6.11	0.00	<b>2.08</b>	0.00	CO 11
	1873	0.681	Min M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.00</b>	0.00	CO 1
	1646	0.000	Max M <sub>z</sub>	-1.23	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 1
	1646	0.000	Min M <sub>z</sub>	-1.23	0.00	0.00	0.00	0.00	<b>0.00</b>	CO 12
2339	1970	0.000	max N	<b>28.25</b>	-0.04	1.37	-0.34	0.00	0.00	CO 8
			min N	<b>-28.11</b>	-0.03	1.65	0.03	0.00	0.00	CO 13
			max V <sub>y</sub>	-14.31	<b>-0.02</b>	1.56	0.04	0.00	0.00	CO 9
			min V <sub>y</sub>	14.81	<b>-0.05</b>	1.44	-0.35	0.00	0.00	CO 12
			max V <sub>z</sub>	-20.55	-0.04	<b>1.70</b>	-0.02	0.00	0.00	CO 17
			min V <sub>z</sub>	28.25	-0.04	<b>1.37</b>	-0.34	0.00	0.00	CO 8
			max M <sub>T</sub>	-14.31	-0.02	1.56	<b>0.04</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	14.81	-0.05	1.44	<b>-0.35</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-28.11	-0.03	1.65	0.03	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	14.81	-0.05	1.44	-0.35	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	14.81	-0.05	1.44	-0.35	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-14.31	-0.02	1.56	0.04	0.00	<b>0.00</b>	CO 9
	14	4.156	max N	<b>28.21</b>	-0.05	-0.04	-0.34	2.68	0.17	CO 8
			min N	<b>-28.15</b>	-0.03	-0.07	0.03	3.38	0.13	CO 13
			max V <sub>y</sub>	-14.35	<b>-0.02</b>	-0.08	0.04	3.12	0.08	CO 9
			min V <sub>y</sub>	14.78	<b>-0.06</b>	-0.03	-0.35	2.91	0.23	CO 12
			max V <sub>z</sub>	-20.59	-0.04	<b>0.01</b>	-0.02	3.63	0.16	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-14.35	-0.02	<b>-0.08</b>	0.04	3.12	0.08	CO 9
			max M <sub>T</sub>	-14.35	-0.02	-0.08	<b>0.04</b>	3.12	0.08	CO 9
			min M <sub>T</sub>	14.78	-0.06	-0.03	<b>-0.35</b>	2.91	0.23	CO 12
			max M <sub>y</sub>	-20.59	-0.04	0.01	-0.02	<b>3.63</b>	0.16	CO 17
			min M <sub>y</sub>	28.21	-0.05	-0.04	-0.34	<b>2.68</b>	0.17	CO 8
			max M <sub>z</sub>	14.78	-0.06	-0.03	-0.35	2.91	<b>0.23</b>	CO 12
			min M <sub>z</sub>	-14.35	-0.02	-0.08	0.04	3.12	<b>0.08</b>	CO 9
	1970	0.000	Max N	<b>28.25</b>	-0.04	1.37	-0.34	0.00	0.00	CO 8
	14	4.156	Min N	<b>-28.15</b>	-0.03	-0.07	0.03	3.38	0.13	CO 13
	14	4.156	Max V <sub>y</sub>	-14.35	<b>-0.02</b>	-0.08	0.04	3.12	0.08	CO 9
	14	4.156	Min V <sub>y</sub>	14.78	<b>-0.06</b>	-0.03	-0.35	2.91	0.23	CO 12
	1970	0.000	Max V <sub>z</sub>	-20.55	-0.04	<b>1.70</b>	-0.02	0.00	0.00	CO 17
	14	4.156	Min V <sub>z</sub>	-14.35	-0.02	<b>-0.08</b>	0.04	3.12	0.08	CO 9
	14	4.156	Max M <sub>T</sub>	-14.35	-0.02	-0.08	<b>0.04</b>	3.12	0.08	CO 9
		1.222	Min M <sub>T</sub>	14.80	-0.05	1.00	<b>-0.35</b>	1.49	0.07	CO 12
	14	4.156	Max M <sub>y</sub>	-20.59	-0.04	0.01	-0.02	<b>3.63</b>	0.16	CO 17
	1970	0.000	Min M <sub>y</sub>	14.81	-0.05	1.44	-0.35	<b>0.00</b>	0.00	CO 12
	14	4.156	Max M <sub>z</sub>	14.78	-0.06	-0.03	-0.35	2.91	<b>0.23</b>	CO 12
	1970	0.000	Min M <sub>z</sub>	-14.31	-0.02	1.56	0.04	0.00	<b>0.00</b>	CO 9
2340	1967	0.000	max N	<b>20.87</b>	0.01	1.53	0.05	0.00	0.00	CO 9
			min N	<b>-20.98</b>	0.04	1.70	0.02	0.00	0.00	CO 17
			max V <sub>y</sub>	-3.57	<b>0.06</b>	1.46	0.34	0.00	0.00	CO 12
			min V <sub>y</sub>	20.87	<b>0.01</b>	1.53	0.05	0.00	0.00	CO 9
			max V <sub>z</sub>	-20.98	0.04	<b>1.70</b>	0.02	0.00	0.00	CO 17
			min V <sub>z</sub>	10.35	0.04	<b>1.38</b>	0.33	0.00	0.00	CO 8
			max M <sub>T</sub>	-3.57	0.06	1.46	<b>0.34</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-2.82	0.02	1.57	<b>0.01</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-2.82	0.02	1.57	0.01	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-3.57	0.06	1.46	0.34	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-2.82	0.02	1.57	0.01	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-3.57	0.06	1.46	0.34	0.00	<b>0.00</b>	CO 12
	14	4.156	max N	<b>20.83</b>	0.01	0.10	0.05	3.32	-0.05	CO 9
			min N	<b>-21.02</b>	0.04	0.01	0.02	3.63	-0.16	CO 17
			max V <sub>y</sub>	-3.61	<b>0.06</b>	-0.11	0.34	2.82	-0.25	CO 12
			min V <sub>y</sub>	20.83	<b>0.01</b>	0.10	0.05	3.32	-0.05	CO 9
			max V <sub>z</sub>	6.96	0.03	<b>0.11</b>	0.06	3.58	-0.10	CO 13
			min V <sub>z</sub>	10.31	0.05	<b>-0.12</b>	0.33	2.60	-0.20	CO 8
			max M <sub>T</sub>	-3.61	0.06	-0.11	<b>0.34</b>	2.82	-0.25	CO 12
			min M <sub>T</sub>	-2.86	0.02	0.00	<b>0.01</b>	3.28	-0.09	CO 1
			max M <sub>y</sub>	-6.72	0.03	0.08	0.04	<b>3.65</b>	-0.14	CO 19
			min M <sub>y</sub>	10.31	0.05	-0.12	0.33	<b>2.60</b>	-0.20	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	20.83	0.01	0.10	0.05	3.32	<b>-0.05</b>	CO 9
			min M <sub>z</sub>	-3.61	0.06	-0.11	0.34	2.82	<b>-0.25</b>	CO 12
	1967	0.000	Max N	<b>20.87</b>	0.01	1.53	0.05	0.00	0.00	CO 9
	14	4.156	Min N	<b>-21.02</b>	0.04	0.01	0.02	3.63	-0.16	CO 17
		2.934	Max V <sub>y</sub>	-3.60	<b>0.06</b>	0.36	0.34	2.67	-0.18	CO 12
	1967	0.000	Min V <sub>y</sub>	20.87	<b>0.01</b>	1.53	0.05	0.00	0.00	CO 9
	1967	0.000	Max V <sub>z</sub>	-20.98	0.04	<b>1.70</b>	0.02	0.00	0.00	CO 17
	14	4.156	Min V <sub>z</sub>	10.31	0.05	<b>-0.12</b>	0.33	2.60	-0.20	CO 8
		1.711	Max M <sub>T</sub>	-3.59	0.06	0.82	<b>0.34</b>	1.95	-0.10	CO 12
	1967	0.000	Min M <sub>T</sub>	-2.82	0.02	1.57	<b>0.01</b>	0.00	0.00	CO 1
	14	4.156	Max M <sub>y</sub>	-6.72	0.03	0.08	0.04	<b>3.65</b>	-0.14	CO 19
	1967	0.000	Min M <sub>y</sub>	-3.57	0.06	1.46	0.34	<b>0.00</b>	0.00	CO 12
	1967	0.000	Max M <sub>z</sub>	-2.82	0.02	1.57	0.01	0.00	<b>0.00</b>	CO 1
	14	4.156	Min M <sub>z</sub>	-3.61	0.06	-0.11	0.34	2.82	<b>-0.25</b>	CO 12
2341	1972	0.000	max N	<b>0.07</b>	-0.03	1.54	0.06	0.00	0.00	CO 9
			min N	<b>-18.46</b>	0.00	1.53	-0.31	0.00	0.00	CO 12
			max V <sub>y</sub>	-8.86	<b>0.01</b>	1.48	-0.30	0.00	0.00	CO 8
			min V <sub>y</sub>	-12.68	<b>-0.04</b>	1.62	0.03	0.00	0.00	CO 19
			max V <sub>z</sub>	-13.70	-0.04	<b>1.63</b>	-0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	-8.86	0.01	<b>1.48</b>	-0.30	0.00	0.00	CO 8
			max M <sub>T</sub>	0.07	-0.03	1.54	<b>0.06</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-18.46	0.00	1.53	<b>-0.31</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-8.86	0.01	1.48	-0.30	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-18.14	-0.02	1.58	-0.19	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	-18.46	0.00	1.53	-0.31	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.07	-0.03	1.54	0.06	0.00	<b>0.00</b>	CO 9
	15	4.156	max N	<b>0.03</b>	-0.03	-0.01	0.06	3.18	0.10	CO 9
			min N	<b>-18.50</b>	0.00	-0.12	-0.31	2.98	0.01	CO 12
			max V <sub>y</sub>	-8.90	<b>0.01</b>	-0.12	-0.30	2.84	-0.03	CO 8
			min V <sub>y</sub>	-12.72	<b>-0.04</b>	-0.01	0.03	3.40	0.16	CO 19
			max V <sub>z</sub>	-10.33	-0.03	<b>0.00</b>	0.00	3.38	0.13	CO 16
			min V <sub>z</sub>	-18.50	0.00	<b>-0.12</b>	-0.31	2.98	0.01	CO 12
			max M <sub>T</sub>	0.03	-0.03	-0.01	<b>0.06</b>	3.18	0.10	CO 9
			min M <sub>T</sub>	-18.50	0.00	-0.12	<b>-0.31</b>	2.98	0.01	CO 12
			max M <sub>y</sub>	-13.74	-0.03	0.00	-0.01	<b>3.44</b>	0.15	CO 17
			min M <sub>y</sub>	-8.90	0.01	-0.12	-0.30	<b>2.84</b>	-0.03	CO 8
			max M <sub>z</sub>	-12.72	-0.04	-0.01	0.03	3.40	<b>0.16</b>	CO 19
			min M <sub>z</sub>	-8.90	0.01	-0.12	-0.30	2.84	<b>-0.03</b>	CO 8
	1972	0.000	Max N	<b>0.07</b>	-0.03	1.54	0.06	0.00	0.00	CO 9
	15	4.156	Min N	<b>-18.50</b>	0.00	-0.12	-0.31	2.98	0.01	CO 12
	1972	0.000	Max V <sub>y</sub>	-8.86	<b>0.01</b>	1.48	-0.30	0.00	0.00	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1972	0.000	Min V <sub>y</sub>	-12.68	<b>-0.04</b>	1.62	0.03	0.00	0.00	CO 19
	1972	0.000	Max V <sub>z</sub>	-13.70	-0.04	<b>1.63</b>	-0.01	0.00	0.00	CO 17
	15	4.156	Min V <sub>z</sub>	-18.50	0.00	<b>-0.12</b>	-0.31	2.98	0.01	CO 12
	1972	0.000	Max M <sub>T</sub>	0.07	-0.03	1.54	<b>0.06</b>	0.00	0.00	CO 9
	1972	0.000	Min M <sub>T</sub>	-18.46	0.00	1.53	<b>-0.31</b>	0.00	0.00	CO 12
	15	4.156	Max M <sub>y</sub>	-13.74	-0.03	0.00	-0.01	<b>3.44</b>	0.15	CO 17
	1972	0.000	Min M <sub>y</sub>	-18.14	-0.02	1.58	-0.19	<b>0.00</b>	0.00	CO 18
	15	4.156	Max M <sub>z</sub>	-12.72	-0.04	-0.01	0.03	3.40	<b>0.16</b>	CO 19
	15	4.156	Min M <sub>z</sub>	-8.90	0.01	-0.12	-0.30	2.84	<b>-0.03</b>	CO 8
2342	1969	0.000	max N	<b>12.31</b>	-0.01	1.45	0.31	0.00	0.00	CO 8
			min N	<b>-13.61</b>	0.04	1.63	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-13.61	<b>0.04</b>	1.63	0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	12.31	<b>-0.01</b>	1.45	0.31	0.00	0.00	CO 8
			max V <sub>z</sub>	-12.40	0.03	<b>1.63</b>	0.03	0.00	0.00	CO 19
			min V <sub>z</sub>	12.31	-0.01	<b>1.45</b>	0.31	0.00	0.00	CO 8
			max M <sub>T</sub>	2.99	0.00	1.50	<b>0.32</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-1.58	0.02	1.56	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-1.58	0.02	1.56	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	2.99	0.00	1.50	0.32	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-1.58	0.02	1.56	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	2.99	0.00	1.50	0.32	0.00	<b>0.00</b>	CO 12
	15	4.156	max N	<b>12.28</b>	-0.01	-0.03	0.31	2.91	0.03	CO 8
			min N	<b>-13.65</b>	0.03	0.00	0.01	3.44	-0.15	CO 17
			max V <sub>y</sub>	-13.65	<b>0.03</b>	0.00	0.01	3.44	-0.15	CO 17
			min V <sub>y</sub>	12.28	<b>-0.01</b>	-0.03	0.31	2.91	0.03	CO 8
			max V <sub>z</sub>	0.41	0.01	<b>0.01</b>	0.04	3.27	-0.04	CO 9
			min V <sub>z</sub>	12.28	-0.01	<b>-0.03</b>	0.31	2.91	0.03	CO 8
			max M <sub>T</sub>	2.96	0.00	-0.03	<b>0.32</b>	3.06	-0.01	CO 12
			min M <sub>T</sub>	-1.62	0.02	0.00	<b>0.00</b>	3.24	-0.09	CO 1
			max M <sub>y</sub>	-12.44	0.03	0.01	0.03	<b>3.45</b>	-0.12	CO 19
			min M <sub>y</sub>	12.28	-0.01	-0.03	0.31	<b>2.91</b>	0.03	CO 8
			max M <sub>z</sub>	12.28	-0.01	-0.03	0.31	2.91	<b>0.03</b>	CO 8
			min M <sub>z</sub>	-13.65	0.03	0.00	0.01	3.44	<b>-0.15</b>	CO 17
	1969	0.000	Max N	<b>12.31</b>	-0.01	1.45	0.31	0.00	0.00	CO 8
	15	4.156	Min N	<b>-13.65</b>	0.03	0.00	0.01	3.44	-0.15	CO 17
	1969	0.000	Max V <sub>y</sub>	-13.61	<b>0.04</b>	1.63	0.01	0.00	0.00	CO 17
	1969	0.000	Min V <sub>y</sub>	12.31	<b>-0.01</b>	1.45	0.31	0.00	0.00	CO 8
	1969	0.000	Max V <sub>z</sub>	-12.40	0.03	<b>1.63</b>	0.03	0.00	0.00	CO 19
	15	4.156	Min V <sub>z</sub>	12.28	-0.01	<b>-0.03</b>	0.31	2.91	0.03	CO 8
		3.911	Max M <sub>T</sub>	2.96	0.00	0.06	<b>0.32</b>	3.05	-0.01	CO 12
	1969	0.000	Min M <sub>T</sub>	-1.58	0.02	1.56	<b>0.00</b>	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	15	4.156	Max M <sub>y</sub>	-12.44	0.03	0.01	0.03	<b>3.45</b>	-0.12	CO 19
	1969	0.000	Min M <sub>y</sub>	2.99	0.00	1.50	0.32	<b>0.00</b>	0.00	CO 12
	15	4.156	Max M <sub>z</sub>	12.28	-0.01	-0.03	0.31	2.91	<b>0.03</b>	CO 8
	15	4.156	Min M <sub>z</sub>	-13.65	0.03	0.00	0.01	3.44	<b>-0.15</b>	CO 17
2343	1979	0.000	max N	<b>21.73</b>	-0.02	1.49	-0.08	0.00	0.00	CO 9
			min N	<b>-24.69</b>	-0.04	1.68	-0.25	0.00	0.00	CO 18
			max V <sub>y</sub>	21.73	<b>-0.02</b>	1.49	-0.08	0.00	0.00	CO 9
			min V <sub>y</sub>	-22.93	<b>-0.05</b>	1.67	-0.29	0.00	0.00	CO 12
			max V <sub>z</sub>	-24.69	-0.04	<b>1.68</b>	-0.25	0.00	0.00	CO 18
			min V <sub>z</sub>	21.73	-0.02	<b>1.49</b>	-0.08	0.00	0.00	CO 9
			max M <sub>T</sub>	-2.86	-0.02	1.56	<b>-0.03</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-22.93	-0.05	1.67	<b>-0.29</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-2.86	-0.02	1.56	-0.03	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-22.93	-0.05	1.67	-0.29	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-22.93	-0.05	1.67	-0.29	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-2.86	-0.02	1.56	-0.03	0.00	<b>0.00</b>	CO 1
	16	4.156	max N	<b>21.69</b>	-0.02	0.06	-0.08	3.15	0.09	CO 9
			min N	<b>-24.73</b>	-0.04	-0.03	-0.25	3.53	0.18	CO 18
			max V <sub>y</sub>	-2.90	<b>-0.02</b>	0.00	-0.03	3.25	0.09	CO 1
			min V <sub>y</sub>	-22.97	<b>-0.04</b>	-0.03	-0.29	3.48	0.19	CO 12
			max V <sub>z</sub>	21.69	-0.02	<b>0.06</b>	-0.08	3.15	0.09	CO 9
			min V <sub>z</sub>	-13.19	-0.04	<b>-0.03</b>	-0.25	3.30	0.16	CO 10
			max M <sub>T</sub>	-2.90	-0.02	0.00	<b>-0.03</b>	3.25	0.09	CO 1
			min M <sub>T</sub>	-22.97	-0.04	-0.03	<b>-0.29</b>	3.48	0.19	CO 12
			max M <sub>y</sub>	-24.73	-0.04	-0.03	-0.25	<b>3.53</b>	0.18	CO 18
			min M <sub>y</sub>	21.69	-0.02	0.06	-0.08	<b>3.15</b>	0.09	CO 9
			max M <sub>z</sub>	-22.97	-0.04	-0.03	-0.29	3.48	<b>0.19</b>	CO 12
			min M <sub>z</sub>	21.69	-0.02	0.06	-0.08	3.15	<b>0.09</b>	CO 9
	1979	0.000	Max N	<b>21.73</b>	-0.02	1.49	-0.08	0.00	0.00	CO 9
	16	4.156	Min N	<b>-24.73</b>	-0.04	-0.03	-0.25	3.53	0.18	CO 18
	1979	0.000	Max V <sub>y</sub>	21.73	<b>-0.02</b>	1.49	-0.08	0.00	0.00	CO 9
		1.222	Min V <sub>y</sub>	-22.94	<b>-0.05</b>	1.19	-0.29	1.75	0.06	CO 12
	1979	0.000	Max V <sub>z</sub>	-24.69	-0.04	<b>1.68</b>	-0.25	0.00	0.00	CO 18
	16	4.156	Min V <sub>z</sub>	-13.19	-0.04	<b>-0.03</b>	-0.25	3.30	0.16	CO 10
	16	4.156	Max M <sub>T</sub>	-2.90	-0.02	0.00	<b>-0.03</b>	3.25	0.09	CO 1
		0.978	Min M <sub>T</sub>	-22.94	-0.05	1.29	<b>-0.29</b>	1.45	0.05	CO 12
	16	4.156	Max M <sub>y</sub>	-24.73	-0.04	-0.03	-0.25	<b>3.53</b>	0.18	CO 18
	1979	0.000	Min M <sub>y</sub>	-22.93	-0.05	1.67	-0.29	<b>0.00</b>	0.00	CO 12
	16	4.156	Max M <sub>z</sub>	-22.97	-0.04	-0.03	-0.29	3.48	<b>0.19</b>	CO 12
	1979	0.000	Min M <sub>z</sub>	-2.86	-0.02	1.56	-0.03	0.00	<b>0.00</b>	CO 1
2344	1975	0.000	max N	<b>-2.84</b>	0.02	1.56	0.03	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-40.12</b>	0.04	1.70	0.33	0.00	0.00	CO 12
			max V <sub>y</sub>	-40.12	<b>0.04</b>	1.70	0.33	0.00	0.00	CO 12
			min V <sub>y</sub>	-14.46	<b>0.01</b>	1.55	0.13	0.00	0.00	CO 9
			max V <sub>z</sub>	-34.92	0.04	<b>1.70</b>	0.27	0.00	0.00	CO 18
			min V <sub>z</sub>	-14.46	0.01	<b>1.55</b>	0.13	0.00	0.00	CO 9
			max M <sub>T</sub>	-40.12	0.04	1.70	<b>0.33</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-2.84	0.02	1.56	<b>0.03</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-14.46	0.01	1.55	0.13	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-40.12	0.04	1.70	0.33	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-2.84	0.02	1.56	0.03	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-40.12	0.04	1.70	0.33	0.00	<b>0.00</b>	CO 12
	16	4.156	max N	<b>-2.88</b>	0.02	0.00	0.03	3.25	-0.09	CO 1
			min N	<b>-40.16</b>	0.03	-0.11	0.33	3.43	-0.16	CO 12
			max V <sub>y</sub>	-34.96	<b>0.03</b>	-0.07	0.27	3.50	-0.16	CO 18
			min V <sub>y</sub>	-14.50	<b>0.01</b>	-0.08	0.13	3.09	-0.05	CO 9
			max V <sub>z</sub>	-2.88	0.02	<b>0.00</b>	0.03	3.25	-0.09	CO 1
			min V <sub>z</sub>	-40.16	0.03	<b>-0.11</b>	0.33	3.43	-0.16	CO 12
			max M <sub>T</sub>	-40.16	0.03	-0.11	<b>0.33</b>	3.43	-0.16	CO 12
			min M <sub>T</sub>	-2.88	0.02	0.00	<b>0.03</b>	3.25	-0.09	CO 1
			max M <sub>y</sub>	-20.85	0.03	-0.01	0.15	<b>3.50</b>	-0.14	CO 17
			min M <sub>y</sub>	-14.50	0.01	-0.08	0.13	<b>3.09</b>	-0.05	CO 9
			max M <sub>z</sub>	-14.50	0.01	-0.08	0.13	3.09	<b>-0.05</b>	CO 9
			min M <sub>z</sub>	-40.16	0.03	-0.11	0.33	3.43	<b>-0.16</b>	CO 12
	1975	0.000	Max N	<b>-2.84</b>	0.02	1.56	0.03	0.00	0.00	CO 1
	16	4.156	Min N	<b>-40.16</b>	0.03	-0.11	0.33	3.43	-0.16	CO 12
		0.733	Max V <sub>y</sub>	-40.12	<b>0.04</b>	1.41	0.33	1.14	-0.03	CO 12
	1975	0.000	Min V <sub>y</sub>	-14.46	<b>0.01</b>	1.55	0.13	0.00	0.00	CO 9
	1975	0.000	Max V <sub>z</sub>	-34.92	0.04	<b>1.70</b>	0.27	0.00	0.00	CO 18
	16	4.156	Min V <sub>z</sub>	-40.16	0.03	<b>-0.11</b>	0.33	3.43	-0.16	CO 12
		1.956	Max M <sub>T</sub>	-40.14	0.04	0.89	<b>0.33</b>	2.55	-0.08	CO 12
	1975	0.000	Min M <sub>T</sub>	-2.84	0.02	1.56	<b>0.03</b>	0.00	0.00	CO 1
		3.911	Max M <sub>y</sub>	-34.96	0.03	0.04	0.27	<b>3.50</b>	-0.15	CO 18
	1975	0.000	Min M <sub>y</sub>	-40.12	0.04	1.70	0.33	<b>0.00</b>	0.00	CO 12
	1975	0.000	Max M <sub>z</sub>	-2.84	0.02	1.56	0.03	0.00	<b>0.00</b>	CO 1
	16	4.156	Min M <sub>z</sub>	-40.16	0.03	-0.11	0.33	3.43	<b>-0.16</b>	CO 12
2345	1976	0.000	max N	<b>15.24</b>	0.02	1.45	-0.22	0.00	0.00	CO 8
			min N	<b>-20.11</b>	-0.03	1.68	0.02	0.00	0.00	CO 19
			max V <sub>y</sub>	15.24	<b>0.02</b>	1.45	-0.22	0.00	0.00	CO 8
			min V <sub>y</sub>	-17.84	<b>-0.03</b>	1.67	-0.02	0.00	0.00	CO 17
			max V <sub>z</sub>	-20.11	-0.03	<b>1.68</b>	0.02	0.00	0.00	CO 19
			min V <sub>z</sub>	15.24	0.02	<b>1.45</b>	-0.22	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-5.87	-0.01	1.58	<b>0.06</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	3.20	0.01	1.52	<b>-0.24</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	15.24	0.02	1.45	-0.22	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-17.84	-0.03	1.67	-0.02	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	3.20	0.01	1.52	-0.24	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-5.87	-0.01	1.58	0.06	0.00	<b>0.00</b>	CO 9
	21	4.156	max N	<b>15.20</b>	0.01	-0.02	-0.22	2.94	-0.06	CO 8
			min N	<b>-20.15</b>	-0.02	0.00	0.02	3.55	0.11	CO 19
			max V <sub>y</sub>	15.20	<b>0.01</b>	-0.02	-0.22	2.94	-0.06	CO 8
			min V <sub>y</sub>	-17.88	<b>-0.03</b>	0.00	-0.02	3.53	0.13	CO 17
			max V <sub>z</sub>	-17.88	-0.03	<b>0.00</b>	-0.02	3.53	0.13	CO 17
			min V <sub>z</sub>	15.20	0.01	<b>-0.02</b>	-0.22	2.94	-0.06	CO 8
			max M <sub>T</sub>	-5.91	-0.01	-0.01	<b>0.06</b>	3.28	0.05	CO 9
			min M <sub>T</sub>	3.16	0.01	-0.01	<b>-0.24</b>	3.15	-0.03	CO 12
			max M <sub>y</sub>	-20.15	-0.02	0.00	0.02	<b>3.55</b>	0.11	CO 19
			min M <sub>y</sub>	15.20	0.01	-0.02	-0.22	<b>2.94</b>	-0.06	CO 8
			max M <sub>z</sub>	-17.88	-0.03	0.00	-0.02	3.53	<b>0.13</b>	CO 17
			min M <sub>z</sub>	15.20	0.01	-0.02	-0.22	2.94	<b>-0.06</b>	CO 8
	1976	0.000	Max N	<b>15.24</b>	0.02	1.45	-0.22	0.00	0.00	CO 8
	21	4.156	Min N	<b>-20.15</b>	-0.02	0.00	0.02	3.55	0.11	CO 19
	1976	0.000	Max V <sub>y</sub>	15.24	<b>0.02</b>	1.45	-0.22	0.00	0.00	CO 8
		0.244	Min V <sub>y</sub>	-17.84	<b>-0.03</b>	1.57	-0.02	0.40	0.01	CO 17
	1976	0.000	Max V <sub>z</sub>	-20.11	-0.03	<b>1.68</b>	0.02	0.00	0.00	CO 19
	21	4.156	Min V <sub>z</sub>	15.20	0.01	<b>-0.02</b>	-0.22	2.94	-0.06	CO 8
	1976	0.000	Max M <sub>T</sub>	-5.87	-0.01	1.58	<b>0.06</b>	0.00	0.00	CO 9
	1976	0.000	Min M <sub>T</sub>	3.20	0.01	1.52	<b>-0.24</b>	0.00	0.00	CO 12
	21	4.156	Max M <sub>y</sub>	-20.15	-0.02	0.00	0.02	<b>3.55</b>	0.11	CO 19
	1976	0.000	Min M <sub>y</sub>	-17.84	-0.03	1.67	-0.02	<b>0.00</b>	0.00	CO 17
	21	4.156	Max M <sub>z</sub>	-17.88	-0.03	0.00	-0.02	3.53	<b>0.13</b>	CO 17
	21	4.156	Min M <sub>z</sub>	15.20	0.01	-0.02	-0.22	2.94	<b>-0.06</b>	CO 8
2346	1972	0.000	max N	<b>-2.23</b>	0.02	1.56	0.00	0.00	0.00	CO 1
			min N	<b>-23.71</b>	-0.01	1.56	0.34	0.00	0.00	CO 12
			max V <sub>y</sub>	-20.55	<b>0.04</b>	1.69	0.02	0.00	0.00	CO 19
			min V <sub>y</sub>	-11.14	<b>-0.02</b>	1.48	0.33	0.00	0.00	CO 8
			max V <sub>z</sub>	-20.55	0.04	<b>1.69</b>	0.02	0.00	0.00	CO 19
			min V <sub>z</sub>	-11.14	-0.02	<b>1.48</b>	0.33	0.00	0.00	CO 8
			max M <sub>T</sub>	-23.71	-0.01	1.56	<b>0.34</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-2.23	0.02	1.56	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-2.23	0.02	1.56	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-23.71	-0.01	1.56	0.34	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-2.23	0.02	1.56	0.00	0.00	<b>0.00</b>	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-23.71	-0.01	1.56	0.34	0.00	<b>0.00</b>	CO 12
	21	4.156	max N	<b>-2.27</b>	0.02	0.00	0.00	3.25	-0.09	CO 1
			min N	<b>-23.75</b>	0.00	-0.13	0.34	3.03	0.02	CO 12
			max V <sub>y</sub>	-20.59	<b>0.03</b>	0.00	0.02	3.58	-0.15	CO 19
			min V <sub>y</sub>	-11.18	<b>-0.01</b>	-0.13	0.33	2.85	0.06	CO 8
			max V <sub>z</sub>	-6.39	0.02	<b>0.01</b>	0.03	3.37	-0.10	CO 9
			min V <sub>z</sub>	-23.75	0.00	<b>-0.13</b>	0.34	3.03	0.02	CO 12
			max M <sub>T</sub>	-23.75	0.00	-0.13	<b>0.34</b>	3.03	0.02	CO 12
			min M <sub>T</sub>	-2.27	0.02	0.00	<b>0.00</b>	3.25	-0.09	CO 1
			max M <sub>y</sub>	-20.59	0.03	0.00	0.02	<b>3.58</b>	-0.15	CO 19
			min M <sub>y</sub>	-11.18	-0.01	-0.13	0.33	<b>2.85</b>	0.06	CO 8
			max M <sub>z</sub>	-11.18	-0.01	-0.13	0.33	2.85	<b>0.06</b>	CO 8
			min M <sub>z</sub>	-20.59	0.03	0.00	0.02	3.58	<b>-0.15</b>	CO 19
	1972	0.000	Max N	<b>-2.23</b>	0.02	1.56	0.00	0.00	0.00	CO 1
	21	4.156	Min N	<b>-23.75</b>	0.00	-0.13	0.34	3.03	0.02	CO 12
		0.244	Max V <sub>y</sub>	-20.55	<b>0.04</b>	1.59	0.02	0.40	-0.01	CO 19
	1972	0.000	Min V <sub>y</sub>	-11.14	<b>-0.02</b>	1.48	0.33	0.00	0.00	CO 8
	1972	0.000	Max V <sub>z</sub>	-20.55	0.04	<b>1.69</b>	0.02	0.00	0.00	CO 19
	21	4.156	Min V <sub>z</sub>	-23.75	0.00	<b>-0.13</b>	0.34	3.03	0.02	CO 12
		3.911	Max M <sub>T</sub>	-23.75	0.00	-0.03	<b>0.34</b>	3.05	0.02	CO 12
	1972	0.000	Min M <sub>T</sub>	-2.23	0.02	1.56	<b>0.00</b>	0.00	0.00	CO 1
	21	4.156	Max M <sub>y</sub>	-20.59	0.03	0.00	0.02	<b>3.58</b>	-0.15	CO 19
	1972	0.000	Min M <sub>y</sub>	-23.71	-0.01	1.56	0.34	<b>0.00</b>	0.00	CO 12
	21	4.156	Max M <sub>z</sub>	-11.18	-0.01	-0.13	0.33	2.85	<b>0.06</b>	CO 8
	21	4.156	Min M <sub>z</sub>	-20.59	0.03	0.00	0.02	3.58	<b>-0.15</b>	CO 19
2347	1980	0.000	max N	<b>25.11</b>	0.01	1.46	-0.12	0.00	0.00	CO 8
			min N	<b>-18.02</b>	-0.04	1.67	-0.02	0.00	0.00	CO 17
			max V <sub>y</sub>	25.11	<b>0.01</b>	1.46	-0.12	0.00	0.00	CO 8
			min V <sub>y</sub>	-18.02	<b>-0.04</b>	1.67	-0.02	0.00	0.00	CO 17
			max V <sub>z</sub>	-18.02	-0.04	<b>1.67</b>	-0.02	0.00	0.00	CO 17
			min V <sub>z</sub>	25.11	0.01	<b>1.46</b>	-0.12	0.00	0.00	CO 8
			max M <sub>T</sub>	0.67	-0.01	1.53	<b>0.07</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	13.03	0.00	1.53	<b>-0.13</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	13.03	0.00	1.53	-0.13	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-18.02	-0.04	1.67	-0.02	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	13.03	0.00	1.53	-0.13	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.67	-0.01	1.53	0.07	0.00	<b>0.00</b>	CO 9
	19	4.156	max N	<b>25.07</b>	0.00	0.04	-0.12	3.05	-0.02	CO 8
			min N	<b>-18.06</b>	-0.03	0.00	-0.02	3.53	0.14	CO 17
			max V <sub>y</sub>	25.07	<b>0.00</b>	0.04	-0.12	3.05	-0.02	CO 8
			min V <sub>y</sub>	-18.06	<b>-0.03</b>	0.00	-0.02	3.53	0.14	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	12.99	-0.01	<b>0.06</b>	-0.13	3.25	0.03	CO 12
			min V <sub>z</sub>	0.63	-0.01	<b>-0.01</b>	0.07	3.16	0.05	CO 9
			max M <sub>T</sub>	0.63	-0.01	-0.01	<b>0.07</b>	3.16	0.05	CO 9
			min M <sub>T</sub>	12.99	-0.01	0.06	<b>-0.13</b>	3.25	0.03	CO 12
			max M <sub>y</sub>	-18.06	-0.03	0.00	-0.02	<b>3.53</b>	0.14	CO 17
			min M <sub>y</sub>	25.07	0.00	0.04	-0.12	<b>3.05</b>	-0.02	CO 8
			max M <sub>z</sub>	-18.06	-0.03	0.00	-0.02	3.53	<b>0.14</b>	CO 17
			min M <sub>z</sub>	25.07	0.00	0.04	-0.12	3.05	<b>-0.02</b>	CO 8
	1980	0.000	Max N	<b>25.11</b>	0.01	1.46	-0.12	0.00	0.00	CO 8
	19	4.156	Min N	<b>-18.06</b>	-0.03	0.00	-0.02	3.53	0.14	CO 17
	1980	0.000	Max V <sub>y</sub>	25.11	<b>0.01</b>	1.46	-0.12	0.00	0.00	CO 8
		0.244	Min V <sub>y</sub>	-18.02	<b>-0.04</b>	1.57	-0.02	0.40	0.01	CO 17
	1980	0.000	Max V <sub>z</sub>	-18.02	-0.04	<b>1.67</b>	-0.02	0.00	0.00	CO 17
	19	4.156	Min V <sub>z</sub>	0.63	-0.01	<b>-0.01</b>	0.07	3.16	0.05	CO 9
	1980	0.000	Max M <sub>T</sub>	0.67	-0.01	1.53	<b>0.07</b>	0.00	0.00	CO 9
	1980	0.000	Min M <sub>T</sub>	13.03	0.00	1.53	<b>-0.13</b>	0.00	0.00	CO 12
	19	4.156	Max M <sub>y</sub>	-18.06	-0.03	0.00	-0.02	<b>3.53</b>	0.14	CO 17
	1980	0.000	Min M <sub>y</sub>	-18.02	-0.04	1.67	-0.02	<b>0.00</b>	0.00	CO 17
	19	4.156	Max M <sub>z</sub>	-18.06	-0.03	0.00	-0.02	3.53	<b>0.14</b>	CO 17
	19	4.156	Min M <sub>z</sub>	25.07	0.00	0.04	-0.12	3.05	<b>-0.02</b>	CO 8
2348	1976	0.000	max N	<b>0.84</b>	0.01	1.56	0.04	0.00	0.00	CO 9
			min N	<b>-34.24</b>	0.00	1.59	0.33	0.00	0.00	CO 12
			max V <sub>y</sub>	-18.41	<b>0.03</b>	1.66	0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	-21.33	<b>-0.01</b>	1.51	0.32	0.00	0.00	CO 8
			max V <sub>z</sub>	-18.41	0.03	<b>1.66</b>	0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	-21.33	-0.01	<b>1.51</b>	0.32	0.00	0.00	CO 8
			max M <sub>T</sub>	-34.24	0.00	1.59	<b>0.33</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-2.31	0.02	1.56	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-2.31	0.02	1.56	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-34.24	0.00	1.59	0.33	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-2.31	0.02	1.56	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-34.24	0.00	1.59	0.33	0.00	<b>0.00</b>	CO 12
	19	4.156	max N	<b>0.80</b>	0.01	0.01	0.04	3.27	-0.06	CO 9
			min N	<b>-34.28</b>	0.00	-0.16	0.33	3.07	-0.02	CO 12
			max V <sub>y</sub>	-18.45	<b>0.03</b>	0.00	0.01	3.51	-0.13	CO 17
			min V <sub>y</sub>	-21.37	<b>0.00</b>	-0.15	0.32	2.89	0.02	CO 8
			max V <sub>z</sub>	0.80	0.01	<b>0.01</b>	0.04	3.27	-0.06	CO 9
			min V <sub>z</sub>	-34.28	0.00	<b>-0.16</b>	0.33	3.07	-0.02	CO 12
			max M <sub>T</sub>	-34.28	0.00	-0.16	<b>0.33</b>	3.07	-0.02	CO 12
			min M <sub>T</sub>	-2.35	0.02	0.00	<b>0.00</b>	3.25	-0.09	CO 1
			max M <sub>y</sub>	-16.55	0.03	0.01	0.03	<b>3.52</b>	-0.11	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-21.37	0.00	-0.15	0.32	<b>2.89</b>	0.02	CO 8
			max M <sub>z</sub>	-21.37	0.00	-0.15	0.32	2.89	<b>0.02</b>	CO 8
			min M <sub>z</sub>	-18.45	0.03	0.00	0.01	3.51	<b>-0.13</b>	CO 17
	1976	0.000	Max N	<b>0.84</b>	0.01	1.56	0.04	0.00	0.00	CO 9
	19	4.156	Min N	<b>-34.28</b>	0.00	-0.16	0.33	3.07	-0.02	CO 12
	1976	0.000	Max V <sub>y</sub>	-18.41	<b>0.03</b>	1.66	0.01	0.00	0.00	CO 17
	1976	0.000	Min V <sub>y</sub>	-21.33	<b>-0.01</b>	1.51	0.32	0.00	0.00	CO 8
	1976	0.000	Max V <sub>z</sub>	-18.41	0.03	<b>1.66</b>	0.01	0.00	0.00	CO 17
	19	4.156	Min V <sub>z</sub>	-34.28	0.00	<b>-0.16</b>	0.33	3.07	-0.02	CO 12
		3.667	Max M <sub>T</sub>	-34.27	0.00	0.06	<b>0.33</b>	3.10	-0.01	CO 12
	1976	0.000	Min M <sub>T</sub>	-2.31	0.02	1.56	<b>0.00</b>	0.00	0.00	CO 1
	19	4.156	Max M <sub>y</sub>	-16.55	0.03	0.01	0.03	<b>3.52</b>	-0.11	CO 19
	1976	0.000	Min M <sub>y</sub>	-34.24	0.00	1.59	0.33	<b>0.00</b>	0.00	CO 12
	19	4.156	Max M <sub>z</sub>	-21.37	0.00	-0.15	0.32	2.89	<b>0.02</b>	CO 8
	19	4.156	Min M <sub>z</sub>	-18.45	0.03	0.00	0.01	3.51	<b>-0.13</b>	CO 17
2349	1983	0.000	max N	<b>43.97</b>	-0.01	1.44	0.11	0.00	0.00	CO 8
			min N	<b>-9.53</b>	-0.02	1.60	0.02	0.00	0.00	CO 19
			max V <sub>y</sub>	38.43	<b>-0.01</b>	1.47	0.13	0.00	0.00	CO 12
			min V <sub>y</sub>	-0.92	<b>-0.02</b>	1.55	0.01	0.00	0.00	CO 1
			max V <sub>z</sub>	-9.53	-0.02	<b>1.60</b>	0.02	0.00	0.00	CO 19
			min V <sub>z</sub>	43.97	-0.01	<b>1.44</b>	0.11	0.00	0.00	CO 8
			max M <sub>T</sub>	42.36	-0.01	1.44	<b>0.14</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	-6.58	-0.02	1.58	<b>-0.02</b>	0.00	0.00	CO 15
			max M <sub>y</sub>	-2.68	-0.02	1.56	0.04	<b>0.00</b>	0.00	CO 2
			min M <sub>y</sub>	42.36	-0.01	1.44	0.14	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	-6.58	-0.02	1.58	-0.02	0.00	<b>0.00</b>	CO 15
			min M <sub>z</sub>	42.36	-0.01	1.44	0.14	0.00	<b>0.00</b>	CO 10
	17	4.156	max N	<b>43.94</b>	-0.01	0.13	0.11	3.13	0.04	CO 8
			min N	<b>-9.56</b>	-0.01	-0.01	0.02	3.35	0.06	CO 19
			max V <sub>y</sub>	38.39	<b>-0.01</b>	0.13	0.13	3.21	0.03	CO 12
			min V <sub>y</sub>	-0.96	<b>-0.02</b>	0.00	0.01	3.23	0.08	CO 1
			max V <sub>z</sub>	40.00	-0.01	<b>0.13</b>	0.11	3.19	0.03	CO 14
			min V <sub>z</sub>	-4.22	-0.02	<b>-0.01</b>	0.01	3.25	0.07	CO 11
			max M <sub>T</sub>	42.32	-0.01	0.13	<b>0.14</b>	3.14	0.04	CO 10
			min M <sub>T</sub>	-6.62	-0.02	-0.01	<b>-0.02</b>	3.30	0.07	CO 15
			max M <sub>y</sub>	-9.56	-0.01	-0.01	0.02	<b>3.35</b>	0.06	CO 19
			min M <sub>y</sub>	43.94	-0.01	0.13	0.11	<b>3.13</b>	0.04	CO 8
			max M <sub>z</sub>	-0.96	-0.02	0.00	0.01	3.23	<b>0.08</b>	CO 1
			min M <sub>z</sub>	38.39	-0.01	0.13	0.13	3.21	<b>0.03</b>	CO 12
	1983	0.000	Max N	<b>43.97</b>	-0.01	1.44	0.11	0.00	0.00	CO 8
	17	4.156	Min N	<b>-9.56</b>	-0.01	-0.01	0.02	3.35	0.06	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.467	Max V <sub>y</sub>	38.41	<b>-0.01</b>	0.96	0.13	1.77	0.01	CO 12
	1983	0.000	Min V <sub>y</sub>	-0.92	<b>-0.02</b>	1.55	0.01	0.00	0.00	CO 1
	1983	0.000	Max V <sub>z</sub>	-9.53	-0.02	<b>1.60</b>	0.02	0.00	0.00	CO 19
	17	4.156	Min V <sub>z</sub>	-4.22	-0.02	<b>-0.01</b>	0.01	3.25	0.07	CO 11
	17	4.156	Max M <sub>T</sub>	42.32	-0.01	0.13	<b>0.14</b>	3.14	0.04	CO 10
		1.956	Min M <sub>T</sub>	-6.60	-0.02	0.84	<b>-0.02</b>	2.38	0.03	CO 15
	17	4.156	Max M <sub>y</sub>	-9.56	-0.01	-0.01	0.02	<b>3.35</b>	0.06	CO 19
	1983	0.000	Min M <sub>y</sub>	42.36	-0.01	1.44	0.14	<b>0.00</b>	0.00	CO 10
	17	4.156	Max M <sub>z</sub>	-0.96	-0.02	0.00	0.01	3.23	<b>0.08</b>	CO 1
	1983	0.000	Min M <sub>z</sub>	42.36	-0.01	1.44	0.14	0.00	<b>0.00</b>	CO 10
2350	1980	0.000	max N	<b>-1.06</b>	0.02	1.56	0.00	0.00	0.00	CO 1
			min N	<b>-43.18</b>	0.03	1.60	0.23	0.00	0.00	CO 12
			max V <sub>y</sub>	-8.99	<b>0.04</b>	1.61	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-1.24	<b>0.01</b>	1.57	0.04	0.00	0.00	CO 9
			max V <sub>z</sub>	-9.09	0.03	<b>1.61</b>	0.02	0.00	0.00	CO 19
			min V <sub>z</sub>	-1.06	0.02	<b>1.56</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	-40.96	0.02	1.59	<b>0.24</b>	0.00	0.00	CO 14
			min M <sub>T</sub>	-3.14	0.03	1.57	<b>0.00</b>	0.00	0.00	CO 2
			max M <sub>y</sub>	-8.99	0.04	1.61	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-43.18	0.03	1.60	0.23	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-3.14	0.03	1.57	0.00	0.00	<b>0.00</b>	CO 2
			min M <sub>z</sub>	-43.18	0.03	1.60	0.23	0.00	<b>0.00</b>	CO 12
	17	4.156	max N	<b>-1.10</b>	0.02	0.00	0.00	3.24	-0.09	CO 1
			min N	<b>-43.22</b>	0.02	-0.20	0.24	3.03	-0.10	CO 12
			max V <sub>y</sub>	-9.03	<b>0.04</b>	0.00	0.00	3.37	-0.15	CO 17
			min V <sub>y</sub>	-1.28	<b>0.01</b>	0.01	0.04	3.27	-0.04	CO 9
			max V <sub>z</sub>	-3.35	0.02	<b>0.01</b>	0.03	3.31	-0.06	CO 11
			min V <sub>z</sub>	-43.22	0.02	<b>-0.20</b>	0.24	3.03	-0.10	CO 12
			max M <sub>T</sub>	-41.00	0.02	-0.20	<b>0.24</b>	2.99	-0.09	CO 14
			min M <sub>T</sub>	-3.18	0.03	0.00	<b>0.00</b>	3.28	-0.11	CO 2
			max M <sub>y</sub>	-9.13	0.03	0.01	0.02	<b>3.39</b>	-0.13	CO 19
			min M <sub>y</sub>	-36.67	0.01	-0.20	0.24	<b>2.94</b>	-0.06	CO 8
			max M <sub>z</sub>	-1.28	0.01	0.01	0.04	3.27	<b>-0.04</b>	CO 9
			min M <sub>z</sub>	-9.03	0.04	0.00	0.00	3.37	<b>-0.15</b>	CO 17
	1980	0.000	Max N	<b>-1.06</b>	0.02	1.56	0.00	0.00	0.00	CO 1
	17	4.156	Min N	<b>-43.22</b>	0.02	-0.20	0.24	3.03	-0.10	CO 12
	1980	0.000	Max V <sub>y</sub>	-8.99	<b>0.04</b>	1.61	0.00	0.00	0.00	CO 17
	1980	0.000	Min V <sub>y</sub>	-1.24	<b>0.01</b>	1.57	0.04	0.00	0.00	CO 9
	1980	0.000	Max V <sub>z</sub>	-9.09	0.03	<b>1.61</b>	0.02	0.00	0.00	CO 19
	17	4.156	Min V <sub>z</sub>	-43.22	0.02	<b>-0.20</b>	0.24	3.03	-0.10	CO 12
		3.667	Max M <sub>T</sub>	-40.99	0.02	0.02	<b>0.24</b>	3.04	-0.08	CO 14



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1980	0.000	Min M <sub>T</sub>	-3.14	0.03	1.57	<b>0.00</b>	0.00	0.00	CO 2
	17	4.156	Max M <sub>y</sub>	-9.13	0.03	0.01	0.02	<b>3.39</b>	-0.13	CO 19
	1980	0.000	Min M <sub>y</sub>	-43.18	0.03	1.60	0.23	<b>0.00</b>	0.00	CO 12
	1980	0.000	Max M <sub>z</sub>	-3.14	0.03	1.57	0.00	0.00	<b>0.00</b>	CO 2
	17	4.156	Min M <sub>z</sub>	-9.03	0.04	0.00	0.00	3.37	<b>-0.15</b>	CO 17
2351	1969	0.000	max N	<b>8.63</b>	-0.01	1.49	0.05	0.00	0.00	CO 9
			min N	<b>-18.25</b>	-0.04	1.66	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	2.93	<b>0.01</b>	1.46	-0.31	0.00	0.00	CO 8
			min V <sub>y</sub>	-18.25	<b>-0.04</b>	1.66	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-18.25	-0.04	<b>1.66</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	2.93	0.01	<b>1.46</b>	-0.31	0.00	0.00	CO 8
			max M <sub>T</sub>	8.63	-0.01	1.49	<b>0.05</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-9.60	0.00	1.53	<b>-0.32</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-3.83	-0.02	1.56	0.05	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-9.60	0.00	1.53	-0.32	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-9.60	0.00	1.53	-0.32	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.46	-0.02	1.54	0.05	0.00	<b>0.00</b>	CO 15
	18	4.156	max N	<b>8.59</b>	-0.01	-0.01	0.05	3.07	0.05	CO 9
			min N	<b>-18.29</b>	-0.03	0.00	0.00	3.51	0.14	CO 17
			max V <sub>y</sub>	2.89	<b>0.01</b>	-0.07	-0.31	2.88	-0.03	CO 8
			min V <sub>y</sub>	-18.29	<b>-0.03</b>	0.00	0.00	3.51	0.14	CO 17
			max V <sub>z</sub>	-2.27	-0.02	<b>0.00</b>	0.00	3.25	0.09	CO 1
			min V <sub>z</sub>	2.89	0.01	<b>-0.07</b>	-0.31	2.88	-0.03	CO 8
			max M <sub>T</sub>	8.59	-0.01	-0.01	<b>0.05</b>	3.07	0.05	CO 9
			min M <sub>T</sub>	-9.64	0.00	-0.07	<b>-0.32</b>	3.07	0.01	CO 12
			max M <sub>y</sub>	-18.29	-0.03	0.00	0.00	<b>3.51</b>	0.14	CO 17
			min M <sub>y</sub>	2.89	0.01	-0.07	-0.31	<b>2.88</b>	-0.03	CO 8
			max M <sub>z</sub>	-18.29	-0.03	0.00	0.00	3.51	<b>0.14</b>	CO 17
			min M <sub>z</sub>	2.89	0.01	-0.07	-0.31	2.88	<b>-0.03</b>	CO 8
	1969	0.000	Max N	<b>8.63</b>	-0.01	1.49	0.05	0.00	0.00	CO 9
	18	4.156	Min N	<b>-18.29</b>	-0.03	0.00	0.00	3.51	0.14	CO 17
	1969	0.000	Max V <sub>y</sub>	2.93	<b>0.01</b>	1.46	-0.31	0.00	0.00	CO 8
	1969	0.000	Min V <sub>y</sub>	-18.25	<b>-0.04</b>	1.66	0.00	0.00	0.00	CO 17
	1969	0.000	Max V <sub>z</sub>	-18.25	-0.04	<b>1.66</b>	0.00	0.00	0.00	CO 17
	18	4.156	Min V <sub>z</sub>	2.89	0.01	<b>-0.07</b>	-0.31	2.88	-0.03	CO 8
	18	4.156	Max M <sub>T</sub>	8.59	-0.01	-0.01	<b>0.05</b>	3.07	0.05	CO 9
		3.911	Min M <sub>T</sub>	-9.63	0.00	0.03	<b>-0.32</b>	3.08	0.01	CO 12
	18	4.156	Max M <sub>y</sub>	-18.29	-0.03	0.00	0.00	<b>3.51</b>	0.14	CO 17
	1969	0.000	Min M <sub>y</sub>	-9.60	0.00	1.53	-0.32	<b>0.00</b>	0.00	CO 12
	18	4.156	Max M <sub>z</sub>	-18.29	-0.03	0.00	0.00	3.51	<b>0.14</b>	CO 17
	18	4.156	Min M <sub>z</sub>	2.89	0.01	-0.07	-0.31	2.88	<b>-0.03</b>	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
2352	1965	0.000	max N	<b>7.95</b>	0.02	1.51	0.03	0.00	0.00	CO 9
			min N	<b>-18.25</b>	0.03	1.67	0.02	0.00	0.00	CO 17
			max V <sub>y</sub>	-12.10	<b>0.03</b>	1.63	0.04	0.00	0.00	CO 19
			min V <sub>y</sub>	0.76	<b>-0.01</b>	1.47	0.29	0.00	0.00	CO 8
			max V <sub>z</sub>	-18.25	0.03	<b>1.67</b>	0.02	0.00	0.00	CO 17
			min V <sub>z</sub>	0.76	-0.01	<b>1.47</b>	0.29	0.00	0.00	CO 8
			max M <sub>T</sub>	-11.73	0.00	1.54	<b>0.30</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-2.23	0.02	1.56	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.76	-0.01	1.47	0.29	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-4.51	0.03	1.59	0.05	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	-2.23	0.02	1.56	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-11.73	0.00	1.54	0.30	0.00	<b>0.00</b>	CO 12
	18	4.156	max N	<b>7.91</b>	0.02	0.01	0.03	3.14	-0.10	CO 9
			min N	<b>-18.29</b>	0.03	0.00	0.02	3.53	-0.13	CO 17
			max V <sub>y</sub>	-4.55	<b>0.03</b>	0.01	0.05	3.33	-0.13	CO 13
			min V <sub>y</sub>	0.72	<b>-0.01</b>	-0.08	0.29	2.88	0.03	CO 8
			max V <sub>z</sub>	-0.26	0.03	<b>0.01</b>	0.04	3.27	-0.12	CO 15
			min V <sub>z</sub>	0.72	-0.01	<b>-0.08</b>	0.29	2.88	0.03	CO 8
			max M <sub>T</sub>	-11.77	0.00	-0.08	<b>0.30</b>	3.08	0.00	CO 12
			min M <sub>T</sub>	-2.27	0.02	0.00	<b>0.00</b>	3.26	-0.09	CO 1
			max M <sub>y</sub>	-18.29	0.03	0.00	0.02	<b>3.53</b>	-0.13	CO 17
			min M <sub>y</sub>	0.72	-0.01	-0.08	0.29	<b>2.88</b>	0.03	CO 8
			max M <sub>z</sub>	0.72	-0.01	-0.08	0.29	2.88	<b>0.03</b>	CO 8
			min M <sub>z</sub>	-12.14	0.03	0.01	0.04	3.44	<b>-0.14</b>	CO 19
	1965	0.000	Max N	<b>7.95</b>	0.02	1.51	0.03	0.00	0.00	CO 9
	18	4.156	Min N	<b>-18.29</b>	0.03	0.00	0.02	3.53	-0.13	CO 17
		0.489	Max V <sub>y</sub>	-12.11	<b>0.03</b>	1.45	0.04	0.75	-0.02	CO 19
	1965	0.000	Min V <sub>y</sub>	0.76	<b>-0.01</b>	1.47	0.29	0.00	0.00	CO 8
	1965	0.000	Max V <sub>z</sub>	-18.25	0.03	<b>1.67</b>	0.02	0.00	0.00	CO 17
	18	4.156	Min V <sub>z</sub>	0.72	-0.01	<b>-0.08</b>	0.29	2.88	0.03	CO 8
	1965	0.000	Max M <sub>T</sub>	-11.73	0.00	1.54	<b>0.30</b>	0.00	0.00	CO 12
	18	4.156	Min M <sub>T</sub>	-2.27	0.02	0.00	<b>0.00</b>	3.26	-0.09	CO 1
	18	4.156	Max M <sub>y</sub>	-18.29	0.03	0.00	0.02	<b>3.53</b>	-0.13	CO 17
	1965	0.000	Min M <sub>y</sub>	-4.51	0.03	1.59	0.05	<b>0.00</b>	0.00	CO 13
	18	4.156	Max M <sub>z</sub>	0.72	-0.01	-0.08	0.29	2.88	<b>0.03</b>	CO 8
	18	4.156	Min M <sub>z</sub>	-12.14	0.03	0.01	0.04	3.44	<b>-0.14</b>	CO 19
2353	1965	0.000	max N	<b>3.63</b>	-0.02	1.52	0.06	0.00	0.00	CO 9
			min N	<b>-18.37</b>	-0.01	1.60	-0.21	0.00	0.00	CO 18
			max V <sub>y</sub>	-4.16	<b>0.01</b>	1.48	-0.33	0.00	0.00	CO 8
			min V <sub>y</sub>	-13.58	<b>-0.03</b>	1.63	0.02	0.00	0.00	CO 19
			max V <sub>z</sub>	-17.01	-0.03	<b>1.66</b>	-0.01	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-4.16	0.01	<b>1.48</b>	-0.33	0.00	0.00	CO 8
			max M <sub>T</sub>	3.63	-0.02	1.52	<b>0.06</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-15.97	0.00	1.55	<b>-0.34</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-8.04	-0.03	1.59	0.05	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-15.97	0.00	1.55	-0.34	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-15.97	0.00	1.55	-0.34	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	3.63	-0.02	1.52	0.06	0.00	<b>0.00</b>	CO 9
	20	4.156	max N	<b>3.60</b>	-0.02	-0.01	0.06	3.13	0.09	CO 9
			min N	<b>-18.41</b>	-0.01	-0.06	-0.21	3.26	0.06	CO 18
			max V <sub>y</sub>	-4.20	<b>0.01</b>	-0.10	-0.33	2.88	-0.03	CO 8
			min V <sub>y</sub>	-13.62	<b>-0.03</b>	-0.01	0.02	3.41	0.14	CO 19
			max V <sub>z</sub>	-2.11	-0.02	<b>0.00</b>	0.00	3.25	0.09	CO 1
			min V <sub>z</sub>	-16.01	0.00	<b>-0.10</b>	-0.34	3.06	0.01	CO 12
			max M <sub>T</sub>	3.60	-0.02	-0.01	<b>0.06</b>	3.13	0.09	CO 9
			min M <sub>T</sub>	-16.01	0.00	-0.10	<b>-0.34</b>	3.06	0.01	CO 12
			max M <sub>y</sub>	-17.05	-0.03	0.00	-0.01	<b>3.49</b>	0.13	CO 17
			min M <sub>y</sub>	-4.20	0.01	-0.10	-0.33	<b>2.88</b>	-0.03	CO 8
			max M <sub>z</sub>	-13.62	-0.03	-0.01	0.02	3.41	<b>0.14</b>	CO 19
			min M <sub>z</sub>	-4.20	0.01	-0.10	-0.33	2.88	<b>-0.03</b>	CO 8
	1965	0.000	Max N	<b>3.63</b>	-0.02	1.52	0.06	0.00	0.00	CO 9
	20	4.156	Min N	<b>-18.41</b>	-0.01	-0.06	-0.21	3.26	0.06	CO 18
	1965	0.000	Max V <sub>y</sub>	-4.16	<b>0.01</b>	1.48	-0.33	0.00	0.00	CO 8
	1965	0.000	Min V <sub>y</sub>	-13.58	<b>-0.03</b>	1.63	0.02	0.00	0.00	CO 19
	1965	0.000	Max V <sub>z</sub>	-17.01	-0.03	<b>1.66</b>	-0.01	0.00	0.00	CO 17
	20	4.156	Min V <sub>z</sub>	-16.01	0.00	<b>-0.10</b>	-0.34	3.06	0.01	CO 12
	20	4.156	Max M <sub>T</sub>	3.60	-0.02	-0.01	<b>0.06</b>	3.13	0.09	CO 9
		3.911	Min M <sub>T</sub>	-16.01	0.00	0.00	<b>-0.34</b>	3.07	0.01	CO 12
	20	4.156	Max M <sub>y</sub>	-17.05	-0.03	0.00	-0.01	<b>3.49</b>	0.13	CO 17
	1965	0.000	Min M <sub>y</sub>	-15.97	0.00	1.55	-0.34	<b>0.00</b>	0.00	CO 12
	20	4.156	Max M <sub>z</sub>	-13.62	-0.03	-0.01	0.02	3.41	<b>0.14</b>	CO 19
	20	4.156	Min M <sub>z</sub>	-4.20	0.01	-0.10	-0.33	2.88	<b>-0.03</b>	CO 8
2354	1962	0.000	max N	<b>8.11</b>	-0.01	1.46	0.21	0.00	0.00	CO 8
			min N	<b>-16.86</b>	0.03	1.66	0.02	0.00	0.00	CO 17
			max V <sub>y</sub>	-16.86	<b>0.03</b>	1.66	0.02	0.00	0.00	CO 17
			min V <sub>y</sub>	8.11	<b>-0.01</b>	1.46	0.21	0.00	0.00	CO 8
			max V <sub>z</sub>	-16.86	0.03	<b>1.66</b>	0.02	0.00	0.00	CO 17
			min V <sub>z</sub>	8.11	-0.01	<b>1.46</b>	0.21	0.00	0.00	CO 8
			max M <sub>T</sub>	-3.36	0.00	1.53	<b>0.23</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-2.02	0.02	1.56	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	8.11	-0.01	1.46	0.21	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-8.62	0.03	1.61	0.05	<b>0.00</b>	0.00	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-2.02	0.02	1.56	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-3.36	0.00	1.53	0.23	0.00	<b>0.00</b>	CO 12
	20	4.156	max N	<b>8.07</b>	-0.01	-0.04	0.21	2.93	0.03	CO 8
			min N	<b>-16.90</b>	0.03	0.00	0.02	3.51	-0.13	CO 17
			max V <sub>y</sub>	-13.91	<b>0.03</b>	0.01	0.04	3.48	-0.13	CO 19
			min V <sub>y</sub>	8.07	<b>-0.01</b>	-0.04	0.21	2.93	0.03	CO 8
			max V <sub>z</sub>	-8.66	0.03	<b>0.01</b>	0.05	3.40	-0.12	CO 13
			min V <sub>z</sub>	8.07	-0.01	<b>-0.04</b>	0.21	2.93	0.03	CO 8
			max M <sub>T</sub>	-3.40	0.00	-0.04	<b>0.23</b>	3.12	-0.01	CO 12
			min M <sub>T</sub>	-2.06	0.02	0.00	<b>0.00</b>	3.25	-0.09	CO 1
			max M <sub>y</sub>	-16.90	0.03	0.00	0.02	<b>3.51</b>	-0.13	CO 17
			min M <sub>y</sub>	8.07	-0.01	-0.04	0.21	<b>2.93</b>	0.03	CO 8
			max M <sub>z</sub>	8.07	-0.01	-0.04	0.21	2.93	<b>0.03</b>	CO 8
			min M <sub>z</sub>	-13.91	0.03	0.01	0.04	3.48	<b>-0.13</b>	CO 19
	1962	0.000	Max N	<b>8.11</b>	-0.01	1.46	0.21	0.00	0.00	CO 8
	20	4.156	Min N	<b>-16.90</b>	0.03	0.00	0.02	3.51	-0.13	CO 17
		0.244	Max V <sub>y</sub>	-16.86	<b>0.03</b>	1.57	0.02	0.39	-0.01	CO 17
	1962	0.000	Min V <sub>y</sub>	8.11	<b>-0.01</b>	1.46	0.21	0.00	0.00	CO 8
	1962	0.000	Max V <sub>z</sub>	-16.86	0.03	<b>1.66</b>	0.02	0.00	0.00	CO 17
	20	4.156	Min V <sub>z</sub>	8.07	-0.01	<b>-0.04</b>	0.21	2.93	0.03	CO 8
	1962	0.000	Max M <sub>T</sub>	-3.36	0.00	1.53	<b>0.23</b>	0.00	0.00	CO 12
	20	4.156	Min M <sub>T</sub>	-2.06	0.02	0.00	<b>0.00</b>	3.25	-0.09	CO 1
	20	4.156	Max M <sub>y</sub>	-16.90	0.03	0.00	0.02	<b>3.51</b>	-0.13	CO 17
	1962	0.000	Min M <sub>y</sub>	-8.62	0.03	1.61	0.05	<b>0.00</b>	0.00	CO 13
	20	4.156	Max M <sub>z</sub>	8.07	-0.01	-0.04	0.21	2.93	<b>0.03</b>	CO 8
	20	4.156	Min M <sub>z</sub>	-13.91	0.03	0.01	0.04	3.48	<b>-0.13</b>	CO 19
2355	1962	0.000	max N	<b>4.44</b>	-0.02	1.52	0.06	0.00	0.00	CO 9
			min N	<b>-28.44</b>	-0.01	1.59	-0.31	0.00	0.00	CO 12
			max V <sub>y</sub>	-15.43	<b>0.00</b>	1.51	-0.30	0.00	0.00	CO 8
			min V <sub>y</sub>	-18.70	<b>-0.03</b>	1.67	-0.01	0.00	0.00	CO 17
			max V <sub>z</sub>	-18.70	-0.03	<b>1.67</b>	-0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	-15.43	0.00	<b>1.51</b>	-0.30	0.00	0.00	CO 8
			max M <sub>T</sub>	4.44	-0.02	1.52	<b>0.06</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-28.44	-0.01	1.59	<b>-0.31</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-8.34	-0.03	1.59	0.05	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-28.44	-0.01	1.59	-0.31	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-28.44	-0.01	1.59	-0.31	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	4.44	-0.02	1.52	0.06	0.00	<b>0.00</b>	CO 9
	7	4.156	max N	<b>4.40</b>	-0.02	-0.01	0.06	3.12	0.09	CO 9
			min N	<b>-28.48</b>	-0.01	-0.13	-0.31	3.11	0.03	CO 12
			max V <sub>y</sub>	-15.47	<b>0.00</b>	-0.13	-0.30	2.92	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-14.65	<b>-0.03</b>	-0.01	0.03	3.43	0.13	CO 19
			max V <sub>z</sub>	-2.42	-0.02	<b>0.00</b>	0.00	3.26	0.09	CO 1
			min V <sub>z</sub>	-28.48	-0.01	<b>-0.13</b>	-0.31	3.11	0.03	CO 12
			max M <sub>T</sub>	4.40	-0.02	-0.01	<b>0.06</b>	3.12	0.09	CO 9
			min M <sub>T</sub>	-28.48	-0.01	-0.13	<b>-0.31</b>	3.11	0.03	CO 12
			max M <sub>y</sub>	-18.74	-0.03	0.00	-0.01	<b>3.52</b>	0.13	CO 17
			min M <sub>y</sub>	-15.47	0.00	-0.13	-0.30	<b>2.92</b>	0.00	CO 8
			max M <sub>z</sub>	-18.74	-0.03	0.00	-0.01	3.52	<b>0.13</b>	CO 17
			min M <sub>z</sub>	-15.47	0.00	-0.13	-0.30	2.92	<b>0.00</b>	CO 8
	1962	0.000	Max N	<b>4.44</b>	-0.02	1.52	0.06	0.00	0.00	CO 9
	7	4.156	Min N	<b>-28.48</b>	-0.01	-0.13	-0.31	3.11	0.03	CO 12
	1962	0.000	Max V <sub>y</sub>	-15.43	<b>0.00</b>	1.51	-0.30	0.00	0.00	CO 8
	1962	0.000	Min V <sub>y</sub>	-18.70	<b>-0.03</b>	1.67	-0.01	0.00	0.00	CO 17
	1962	0.000	Max V <sub>z</sub>	-18.70	-0.03	<b>1.67</b>	-0.01	0.00	0.00	CO 17
	7	4.156	Min V <sub>z</sub>	-28.48	-0.01	<b>-0.13</b>	-0.31	3.11	0.03	CO 12
	7	4.156	Max M <sub>T</sub>	4.40	-0.02	-0.01	<b>0.06</b>	3.12	0.09	CO 9
		3.911	Min M <sub>T</sub>	-28.48	-0.01	-0.03	<b>-0.31</b>	3.13	0.03	CO 12
	7	4.156	Max M <sub>y</sub>	-18.74	-0.03	0.00	-0.01	<b>3.52</b>	0.13	CO 17
	1962	0.000	Min M <sub>y</sub>	-28.44	-0.01	1.59	-0.31	<b>0.00</b>	0.00	CO 12
	7	4.156	Max M <sub>z</sub>	-18.74	-0.03	0.00	-0.01	3.52	<b>0.13</b>	CO 17
		2.445	Min M <sub>z</sub>	-15.45	0.00	0.56	-0.30	2.54	<b>0.00</b>	CO 8
2356	1959	0.000	max N	<b>19.11</b>	0.00	1.47	0.11	0.00	0.00	CO 8
			min N	<b>-18.35</b>	0.04	1.67	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-18.35	<b>0.04</b>	1.67	0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	19.11	<b>0.00</b>	1.47	0.11	0.00	0.00	CO 8
			max V <sub>z</sub>	-18.35	0.04	<b>1.67</b>	0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	19.11	0.00	<b>1.47</b>	0.11	0.00	0.00	CO 8
			max M <sub>T</sub>	6.75	0.01	1.54	<b>0.12</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-2.24	0.02	1.56	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	6.75	0.01	1.54	0.12	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-8.95	0.03	1.62	0.05	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	-2.24	0.02	1.56	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	6.75	0.01	1.54	0.12	0.00	<b>0.00</b>	CO 12
	7	4.156	max N	<b>19.07</b>	0.00	0.02	0.11	3.04	0.00	CO 8
			min N	<b>-18.39</b>	0.03	0.00	0.01	3.53	-0.14	CO 17
			max V <sub>y</sub>	-14.86	<b>0.03</b>	0.01	0.04	3.49	-0.15	CO 19
			min V <sub>y</sub>	19.07	<b>0.00</b>	0.02	0.11	3.04	0.00	CO 8
			max V <sub>z</sub>	6.72	0.01	<b>0.03</b>	0.12	3.25	-0.05	CO 12
			min V <sub>z</sub>	-2.28	0.02	<b>0.00</b>	0.00	3.26	-0.09	CO 1
			max M <sub>T</sub>	6.72	0.01	0.03	<b>0.12</b>	3.25	-0.05	CO 12
			min M <sub>T</sub>	-2.28	0.02	0.00	<b>0.00</b>	3.26	-0.09	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-18.39	0.03	0.00	0.01	<b>3.53</b>	-0.14	CO 17
			min M <sub>y</sub>	19.07	0.00	0.02	0.11	<b>3.04</b>	0.00	CO 8
			max M <sub>z</sub>	19.07	0.00	0.02	0.11	3.04	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-14.86	0.03	0.01	0.04	3.49	<b>-0.15</b>	CO 19
	1959	0.000	Max N	<b>19.11</b>	0.00	1.47	0.11	0.00	0.00	CO 8
	7	4.156	Min N	<b>-18.39</b>	0.03	0.00	0.01	3.53	-0.14	CO 17
	1959	0.000	Max V <sub>y</sub>	-18.35	<b>0.04</b>	1.67	0.01	0.00	0.00	CO 17
	1959	0.000	Min V <sub>y</sub>	19.11	<b>0.00</b>	1.47	0.11	0.00	0.00	CO 8
	1959	0.000	Max V <sub>z</sub>	-18.35	0.04	<b>1.67</b>	0.01	0.00	0.00	CO 17
	7	4.156	Min V <sub>z</sub>	-2.28	0.02	<b>0.00</b>	0.00	3.26	-0.09	CO 1
	1959	0.000	Max M <sub>T</sub>	6.75	0.01	1.54	<b>0.12</b>	0.00	0.00	CO 12
	7	4.156	Min M <sub>T</sub>	-2.28	0.02	0.00	<b>0.00</b>	3.26	-0.09	CO 1
	7	4.156	Max M <sub>y</sub>	-18.39	0.03	0.00	0.01	<b>3.53</b>	-0.14	CO 17
	1959	0.000	Min M <sub>y</sub>	-8.95	0.03	1.62	0.05	<b>0.00</b>	0.00	CO 13
	1959	0.000	Max M <sub>z</sub>	-2.24	0.02	1.56	0.00	0.00	<b>0.00</b>	CO 1
	7	4.156	Min M <sub>z</sub>	-14.86	0.03	0.01	0.04	3.49	<b>-0.15</b>	CO 19
2357	1959	0.000	max N	<b>5.23</b>	-0.02	1.52	0.06	0.00	0.00	CO 9
			min N	<b>-38.01</b>	-0.03	1.59	-0.21	0.00	0.00	CO 12
			max V <sub>y</sub>	-31.52	<b>-0.01</b>	1.56	-0.21	0.00	0.00	CO 8
			min V <sub>y</sub>	-9.03	<b>-0.04</b>	1.61	0.01	0.00	0.00	CO 17
			max V <sub>z</sub>	-9.03	-0.04	<b>1.61</b>	0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	5.23	-0.02	<b>1.52</b>	0.06	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.94	-0.03	1.55	<b>0.07</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	-31.52	-0.01	1.56	<b>-0.21</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-0.94	-0.03	1.55	0.07	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-38.01	-0.03	1.59	-0.21	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-35.81	-0.02	1.58	-0.21	0.00	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-0.94	-0.03	1.55	0.07	0.00	<b>0.00</b>	CO 13
	13	4.156	max N	<b>5.20</b>	-0.02	0.00	0.06	3.13	0.09	CO 9
			min N	<b>-38.05</b>	-0.02	-0.18	-0.21	3.05	0.11	CO 12
			max V <sub>y</sub>	-31.55	<b>-0.01</b>	-0.17	-0.22	2.96	0.06	CO 8
			min V <sub>y</sub>	-5.27	<b>-0.04</b>	0.00	0.05	3.30	0.15	CO 19
			max V <sub>z</sub>	-3.20	-0.03	<b>0.00</b>	0.01	3.28	0.11	CO 2
			min V <sub>z</sub>	-38.05	-0.02	<b>-0.18</b>	-0.21	3.05	0.11	CO 12
			max M <sub>T</sub>	-0.98	-0.03	0.00	<b>0.07</b>	3.22	0.14	CO 13
			min M <sub>T</sub>	-31.55	-0.01	-0.17	<b>-0.22</b>	2.96	0.06	CO 8
			max M <sub>y</sub>	-9.07	-0.04	0.00	0.01	<b>3.37</b>	0.16	CO 17
			min M <sub>y</sub>	-31.55	-0.01	-0.17	-0.22	<b>2.96</b>	0.06	CO 8
			max M <sub>z</sub>	-9.07	-0.04	0.00	0.01	3.37	<b>0.16</b>	CO 17
			min M <sub>z</sub>	-31.55	-0.01	-0.17	-0.22	2.96	<b>0.06</b>	CO 8
	1959	0.000	Max N	<b>5.23</b>	-0.02	1.52	0.06	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	13	4.156	Min N	<b>-38.05</b>	-0.02	-0.18	-0.21	3.05	0.11	CO 12
	13	4.156	Max V <sub>y</sub>	-31.55	<b>-0.01</b>	-0.17	-0.22	2.96	0.06	CO 8
	1959	0.000	Min V <sub>y</sub>	-9.03	<b>-0.04</b>	1.61	0.01	0.00	0.00	CO 17
	1959	0.000	Max V <sub>z</sub>	-9.03	-0.04	<b>1.61</b>	0.01	0.00	0.00	CO 17
	13	4.156	Min V <sub>z</sub>	-38.05	-0.02	<b>-0.18</b>	-0.21	3.05	0.11	CO 12
	13	4.156	Max M <sub>T</sub>	-0.98	-0.03	0.00	<b>0.07</b>	3.22	0.14	CO 13
		3.667	Min M <sub>T</sub>	-31.55	-0.01	0.04	<b>-0.22</b>	3.00	0.06	CO 8
	13	4.156	Max M <sub>y</sub>	-9.07	-0.04	0.00	0.01	<b>3.37</b>	0.16	CO 17
	1959	0.000	Min M <sub>y</sub>	-38.01	-0.03	1.59	-0.21	<b>0.00</b>	0.00	CO 12
	13	4.156	Max M <sub>z</sub>	-9.07	-0.04	0.00	0.01	3.37	<b>0.16</b>	CO 17
	1959	0.000	Min M <sub>z</sub>	-0.94	-0.03	1.55	0.07	0.00	<b>0.00</b>	CO 13
2358	1956	0.000	max N	<b>38.81</b>	0.01	1.45	-0.11	0.00	0.00	CO 8
			min N	<b>-8.75</b>	0.02	1.60	-0.03	0.00	0.00	CO 17
			max V <sub>y</sub>	3.94	<b>0.02</b>	1.53	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	33.12	<b>0.01</b>	1.48	-0.13	0.00	0.00	CO 12
			max V <sub>z</sub>	-8.75	0.02	<b>1.60</b>	-0.03	0.00	0.00	CO 17
			min V <sub>z</sub>	38.81	0.01	<b>1.45</b>	-0.11	0.00	0.00	CO 8
			max M <sub>T</sub>	-0.23	0.02	1.56	<b>0.01</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	37.11	0.01	1.46	<b>-0.14</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	-2.79	0.02	1.56	-0.04	<b>0.00</b>	0.00	CO 2
			min M <sub>y</sub>	37.11	0.01	1.46	-0.14	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	37.11	0.01	1.46	-0.14	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	-0.23	0.02	1.56	0.01	0.00	<b>0.00</b>	CO 15
	13	4.156	max N	<b>38.77</b>	0.01	0.11	-0.11	3.12	-0.05	CO 8
			min N	<b>-8.79</b>	0.01	0.00	-0.03	3.36	-0.06	CO 17
			max V <sub>y</sub>	3.90	<b>0.02</b>	0.01	0.00	3.19	-0.09	CO 9
			min V <sub>y</sub>	33.09	<b>0.01</b>	0.12	-0.13	3.21	-0.03	CO 12
			max V <sub>z</sub>	33.09	0.01	<b>0.12</b>	-0.13	3.21	-0.03	CO 12
			min V <sub>z</sub>	-2.83	0.02	<b>0.00</b>	-0.04	3.25	-0.07	CO 2
			max M <sub>T</sub>	-0.27	0.02	0.01	<b>0.01</b>	3.25	-0.08	CO 15
			min M <sub>T</sub>	37.07	0.01	0.11	<b>-0.14</b>	3.14	-0.04	CO 10
			max M <sub>y</sub>	-8.79	0.01	0.00	-0.03	<b>3.36</b>	-0.06	CO 17
			min M <sub>y</sub>	38.77	0.01	0.11	-0.11	<b>3.12</b>	-0.05	CO 8
			max M <sub>z</sub>	33.09	0.01	0.12	-0.13	3.21	<b>-0.03</b>	CO 12
			min M <sub>z</sub>	3.90	0.02	0.01	0.00	3.19	<b>-0.09</b>	CO 9
	1956	0.000	Max N	<b>38.81</b>	0.01	1.45	-0.11	0.00	0.00	CO 8
	13	4.156	Min N	<b>-8.79</b>	0.01	0.00	-0.03	3.36	-0.06	CO 17
	13	4.156	Max V <sub>y</sub>	3.90	<b>0.02</b>	0.01	0.00	3.19	-0.09	CO 9
		1.467	Min V <sub>y</sub>	33.11	<b>0.01</b>	0.96	-0.13	1.78	-0.01	CO 12
	1956	0.000	Max V <sub>z</sub>	-8.75	0.02	<b>1.60</b>	-0.03	0.00	0.00	CO 17
	13	4.156	Min V <sub>z</sub>	-2.83	0.02	<b>0.00</b>	-0.04	3.25	-0.07	CO 2

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.711	Max M <sub>T</sub>	-0.25	0.02	0.92	<b>0.01</b>	2.12	-0.03	CO 15
	13	4.156	Min M <sub>T</sub>	37.07	0.01	0.11	<b>-0.14</b>	3.14	-0.04	CO 10
	13	4.156	Max M <sub>y</sub>	-8.79	0.01	0.00	-0.03	<b>3.36</b>	-0.06	CO 17
	1956	0.000	Min M <sub>y</sub>	37.11	0.01	1.46	-0.14	<b>0.00</b>	0.00	CO 10
	1956	0.000	Max M <sub>z</sub>	37.11	0.01	1.46	-0.14	0.00	<b>0.00</b>	CO 10
	13	4.156	Min M <sub>z</sub>	3.90	0.02	0.01	0.00	3.19	<b>-0.09</b>	CO 9
2359	1990	0.000	max N	<b>0.86</b>	0.00	6.53	0.00	0.00	0.00	CO 12
			min N	<b>-0.04</b>	0.00	2.25	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	-0.04	<b>0.00</b>	2.25	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	0.12	<b>-0.01</b>	6.14	0.00	0.00	0.00	CO 16
			max V <sub>z</sub>	0.14	0.00	<b>7.70</b>	0.00	0.00	0.00	CO 19
			min V <sub>z</sub>	0.74	0.00	<b>2.24</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	-0.04	0.00	2.25	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.62	0.00	7.70	<b>0.00</b>	0.00	0.00	CO 18
			max M <sub>y</sub>	0.86	0.00	6.53	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.18	-0.01	7.70	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	0.62	0.00	7.70	0.00	0.00	<b>0.00</b>	CO 18
			min M <sub>z</sub>	0.00	0.00	3.81	0.00	0.00	<b>0.00</b>	CO 11
		2.340	max N	<b>0.80</b>	-0.01	1.56	0.00	9.46	0.01	CO 12
			min N	<b>-0.05</b>	0.00	0.62	0.00	3.35	0.00	CO 9
			max V <sub>y</sub>	-0.05	<b>0.00</b>	0.62	0.00	3.35	0.00	CO 9
			min V <sub>y</sub>	0.10	<b>-0.01</b>	1.82	0.00	11.14	0.02	CO 17
			max V <sub>z</sub>	0.06	-0.01	<b>1.82</b>	0.00	11.14	0.02	CO 19
			min V <sub>z</sub>	0.73	0.00	<b>0.62</b>	0.00	3.35	0.00	CO 8
			max M <sub>T</sub>	-0.05	0.00	0.62	<b>0.00</b>	3.35	0.00	CO 9
			min M <sub>T</sub>	0.10	-0.01	1.82	<b>0.00</b>	11.14	0.02	CO 17
			max M <sub>y</sub>	0.06	-0.01	1.82	0.00	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.73	0.00	0.62	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.10	-0.01	1.82	0.00	11.14	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-0.05	0.00	0.62	0.00	3.35	<b>0.00</b>	CO 9
			max N	<b>0.80</b>	0.00	1.40	0.00	9.46	0.01	CO 12
			min N	<b>-0.05</b>	0.00	0.46	0.00	3.35	0.00	CO 9
			max V <sub>y</sub>	0.10	<b>0.01</b>	1.66	0.00	11.14	0.02	CO 17
			min V <sub>y</sub>	-0.05	<b>0.00</b>	0.46	0.00	3.35	0.00	CO 9
			max V <sub>z</sub>	0.06	0.00	<b>1.66</b>	0.00	11.14	0.02	CO 19
			min V <sub>z</sub>	0.73	0.00	<b>0.46</b>	0.00	3.35	0.00	CO 8
			max M <sub>T</sub>	-0.05	0.00	0.46	<b>0.00</b>	3.35	0.00	CO 9
			min M <sub>T</sub>	0.10	0.01	1.66	<b>0.00</b>	11.14	0.02	CO 17
			max M <sub>y</sub>	0.06	0.00	1.66	0.00	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.73	0.00	0.46	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.10	0.01	1.66	0.00	11.14	<b>0.02</b>	CO 17



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-0.05	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 9
		3.660	max N	<b>0.80</b>	0.00	-1.40	0.00	9.46	0.01	CO 12
			min N	<b>-0.05</b>	0.00	-0.46	0.00	3.35	0.00	CO 9
			max V <sub>y</sub>	0.07	<b>0.00</b>	-1.32	0.00	8.92	0.01	CO 16
			min V <sub>y</sub>	-0.05	<b>0.00</b>	-0.46	0.00	3.35	0.00	CO 9
			max V <sub>z</sub>	0.73	0.00	<b>-0.46</b>	0.00	3.35	0.00	CO 8
			min V <sub>z</sub>	0.06	0.00	<b>-1.66</b>	0.00	11.14	0.02	CO 19
			max M <sub>T</sub>	-0.05	0.00	-0.46	<b>0.00</b>	3.35	0.00	CO 9
			min M <sub>T</sub>	0.10	0.00	-1.66	<b>0.00</b>	11.14	0.02	CO 17
			max M <sub>y</sub>	0.06	0.00	-1.66	0.00	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.73	0.00	-0.46	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.06	0.00	-1.66	0.00	11.14	<b>0.02</b>	CO 19
			min M <sub>z</sub>	0.73	0.00	-0.46	0.00	3.35	<b>0.00</b>	CO 8
			max N	<b>0.80</b>	0.01	-1.56	0.00	9.46	0.01	CO 12
			min N	<b>-0.05</b>	0.00	-0.62	0.00	3.35	0.00	CO 9
			max V <sub>y</sub>	0.06	<b>0.01</b>	-1.82	0.00	11.14	0.02	CO 19
			min V <sub>y</sub>	0.73	<b>0.00</b>	-0.62	0.00	3.34	0.00	CO 8
			max V <sub>z</sub>	0.73	0.00	<b>-0.62</b>	0.00	3.34	0.00	CO 8
			min V <sub>z</sub>	0.10	0.01	<b>-1.82</b>	0.00	11.14	0.02	CO 17
			max M <sub>T</sub>	-0.05	0.00	-0.62	<b>0.00</b>	3.35	0.00	CO 9
			min M <sub>T</sub>	0.10	0.01	-1.82	<b>0.00</b>	11.14	0.02	CO 17
			max M <sub>y</sub>	0.06	0.01	-1.82	0.00	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.73	0.00	-0.62	0.00	<b>3.34</b>	0.00	CO 8
			max M <sub>z</sub>	0.06	0.01	-1.82	0.00	11.14	<b>0.02</b>	CO 19
			min M <sub>z</sub>	0.73	0.00	-0.62	0.00	3.34	<b>0.00</b>	CO 8
	1992	6.000	max N	<b>0.86</b>	0.00	-6.53	0.00	0.00	0.00	CO 12
			min N	<b>-0.04</b>	0.00	-2.25	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	0.86	<b>0.00</b>	-6.53	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	0.74	<b>0.00</b>	-2.24	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	0.74	0.00	<b>-2.24</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.14	0.00	<b>-7.70</b>	0.00	0.00	0.00	CO 19
			max M <sub>T</sub>	-0.04	0.00	-2.25	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.62	0.00	-7.70	<b>0.00</b>	0.00	0.00	CO 18
			max M <sub>y</sub>	0.86	0.00	-6.53	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.03	0.00	-3.81	0.00	<b>0.00</b>	0.00	CO 4
			max M <sub>z</sub>	0.00	0.00	-3.81	0.00	0.00	<b>0.00</b>	CO 11
			min M <sub>z</sub>	0.62	0.00	-7.70	0.00	0.00	<b>0.00</b>	CO 18
	1990	0.000	Max N	<b>0.86</b>	0.00	6.53	0.00	0.00	0.00	CO 12
		3.132	Min N	<b>-0.05</b>	0.00	-0.09	0.00	3.50	0.00	CO 9
		3.660	Max V <sub>y</sub>	0.06	<b>0.01</b>	-1.82	0.00	11.14	0.02	CO 19
		2.340	Min V <sub>y</sub>	0.10	<b>-0.01</b>	1.82	0.00	11.14	0.02	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1990	0.000	Max V <sub>z</sub>	0.14	0.00	<b>7.70</b>	0.00	0.00	0.00	CO 19
	1992	6.000	Min V <sub>z</sub>	0.14	0.00	<b>-7.70</b>	0.00	0.00	0.00	CO 19
	1990	0.000	Max M <sub>T</sub>	-0.04	0.00	2.25	<b>0.00</b>	0.00	0.00	CO 9
	1990	0.000	Min M <sub>T</sub>	0.62	0.00	7.70	<b>0.00</b>	0.00	0.00	CO 18
		3.000	Max M <sub>y</sub>	0.05	0.00	0.00	0.00	<b>11.69</b>	0.02	CO 19
	1990	0.000	Min M <sub>y</sub>	0.18	-0.01	7.70	0.00	<b>0.00</b>	0.00	CO 17
		2.340	Max M <sub>z</sub>	0.10	-0.01	1.82	0.00	11.14	<b>0.02</b>	CO 17
		2.340	Min M <sub>z</sub>	-0.05	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 9
2360	1991	0.000	max N	<b>0.05</b>	0.00	7.71	0.00	0.00	0.00	CO 19
			min N	<b>-0.40</b>	0.00	2.25	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	0.03	<b>0.01</b>	6.54	0.00	0.00	0.00	CO 7
			min V <sub>y</sub>	0.01	<b>0.00</b>	2.25	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.20	0.00	<b>7.71</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	0.01	0.00	<b>2.25</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.04	0.01	7.71	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.01	0.00	2.25	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.40	0.00	2.25	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.04	0.01	7.71	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	0.03	0.00	6.54	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	0.04	0.01	7.71	0.00	0.00	<b>0.00</b>	CO 17
		2.340	max N	<b>0.00</b>	0.00	0.62	0.00	3.35	0.00	CO 9
			min N	<b>-0.44</b>	0.01	1.56	0.00	9.48	-0.01	CO 12
			max V <sub>y</sub>	-0.04	<b>0.01</b>	1.82	0.00	11.15	-0.02	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.62	0.00	3.35	0.00	CO 9
			max V <sub>z</sub>	-0.29	0.01	<b>1.82</b>	0.00	11.15	-0.02	CO 18
			min V <sub>z</sub>	0.00	0.00	<b>0.62</b>	0.00	3.35	0.00	CO 9
			max M <sub>T</sub>	-0.04	0.01	1.82	<b>0.00</b>	11.15	-0.02	CO 17
			min M <sub>T</sub>	0.00	0.00	0.62	<b>0.00</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	-0.29	0.01	1.82	0.00	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.00	0.00	0.62	0.00	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	0.00	0.00	0.62	0.00	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.04	0.01	1.82	0.00	11.15	<b>-0.02</b>	CO 17
			max N	<b>0.00</b>	0.00	0.46	0.00	3.35	0.00	CO 9
			min N	<b>-0.44</b>	0.00	1.40	0.00	9.48	-0.01	CO 12
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.46	0.00	3.35	0.00	CO 9
			min V <sub>y</sub>	-0.04	<b>-0.01</b>	1.66	0.00	11.15	-0.02	CO 17
			max V <sub>z</sub>	-0.29	0.00	<b>1.66</b>	0.00	11.15	-0.02	CO 18
			min V <sub>z</sub>	0.00	0.00	<b>0.46</b>	0.00	3.35	0.00	CO 9
			max M <sub>T</sub>	-0.04	-0.01	1.66	<b>0.00</b>	11.15	-0.02	CO 17
			min M <sub>T</sub>	0.00	0.00	0.46	<b>0.00</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	-0.29	0.00	1.66	0.00	<b>11.15</b>	-0.02	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-0.01	0.00	0.46	0.00	<b>3.35</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.04	-0.01	1.66	0.00	11.15	<b>-0.02</b>	CO 17
		3.660	max N	<b>0.00</b>	0.00	-0.46	0.00	3.35	0.00	CO 9
			min N	<b>-0.44</b>	0.00	-1.41	0.00	9.48	-0.01	CO 12
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.46	0.00	3.35	0.00	CO 9
			min V <sub>y</sub>	-0.04	<b>0.00</b>	-1.66	0.00	11.15	-0.02	CO 17
			max V <sub>z</sub>	-0.01	0.00	<b>-0.46</b>	0.00	3.35	0.00	CO 1
			min V <sub>z</sub>	-0.29	0.00	<b>-1.66</b>	0.00	11.15	-0.01	CO 18
			max M <sub>T</sub>	-0.04	0.00	-1.66	<b>0.00</b>	11.15	-0.02	CO 17
			min M <sub>T</sub>	0.00	0.00	-0.46	<b>0.00</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	-0.29	0.00	-1.66	0.00	<b>11.15</b>	-0.01	CO 18
			min M <sub>y</sub>	0.00	0.00	-0.46	0.00	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	-0.41	0.00	-0.46	0.00	3.35	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.04	0.00	-1.66	0.00	11.15	<b>-0.02</b>	CO 19
			max N	<b>0.00</b>	0.00	-0.62	0.00	3.35	0.00	CO 9
			min N	<b>-0.44</b>	-0.01	-1.56	0.00	9.48	-0.01	CO 12
			max V <sub>y</sub>	-0.41	<b>0.00</b>	-0.62	0.00	3.35	0.00	CO 8
			min V <sub>y</sub>	-0.04	<b>-0.01</b>	-1.82	0.00	11.15	-0.02	CO 19
			max V <sub>z</sub>	-0.01	0.00	<b>-0.62</b>	0.00	3.35	0.00	CO 1
			min V <sub>z</sub>	-0.29	-0.01	<b>-1.82</b>	0.00	11.15	-0.01	CO 18
			max M <sub>T</sub>	-0.04	-0.01	-1.82	<b>0.00</b>	11.15	-0.02	CO 17
			min M <sub>T</sub>	0.00	0.00	-0.62	<b>0.00</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	-0.29	-0.01	-1.82	0.00	<b>11.15</b>	-0.01	CO 18
			min M <sub>y</sub>	-0.01	0.00	-0.62	0.00	<b>3.35</b>	0.00	CO 1
			max M <sub>z</sub>	-0.41	0.00	-0.62	0.00	3.35	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.04	-0.01	-1.82	0.00	11.15	<b>-0.02</b>	CO 19
	1993	6.000	max N	<b>0.05</b>	0.00	-7.71	0.00	0.00	0.00	CO 19
			min N	<b>-0.40</b>	0.00	-2.25	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	-0.40	<b>0.00</b>	-2.25	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	0.03	<b>0.00</b>	-6.54	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	0.00	0.00	<b>-2.25</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.20	0.00	<b>-7.71</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	0.04	0.00	-7.71	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.01	0.00	-2.25	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.40	0.00	-2.25	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.01	0.00	-3.81	0.00	<b>0.00</b>	0.00	CO 11
			max M <sub>z</sub>	0.04	0.00	-7.71	0.00	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.03	0.00	-6.54	0.00	0.00	<b>0.00</b>	CO 13
	1993	6.000	Max N	<b>0.05</b>	0.00	-7.71	0.00	0.00	0.00	CO 19
		3.000	Min N	<b>-0.45</b>	0.00	0.00	0.00	9.94	-0.01	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		2.340	Max V <sub>y</sub>	-0.04	<b>0.01</b>	1.82	0.00	11.15	-0.02	CO 17
		3.660	Min V <sub>y</sub>	-0.04	<b>-0.01</b>	-1.82	0.00	11.15	-0.02	CO 19
	1991	0.000	Max V <sub>z</sub>	-0.20	0.00	<b>7.71</b>	0.00	0.00	0.00	CO 18
	1993	6.000	Min V <sub>z</sub>	-0.20	0.00	<b>-7.71</b>	0.00	0.00	0.00	CO 18
		1.404	Max M <sub>T</sub>	-0.01	0.01	4.17	<b>0.00</b>	8.34	-0.01	CO 17
		3.132	Min M <sub>T</sub>	0.00	0.00	-0.09	<b>0.00</b>	3.50	0.00	CO 9
		2.868	Max M <sub>y</sub>	-0.29	0.00	0.33	0.00	<b>11.68</b>	-0.02	CO 18
	1993	6.000	Min M <sub>y</sub>	0.01	0.00	-3.81	0.00	<b>0.00</b>	0.00	CO 11
		2.340	Max M <sub>z</sub>	0.00	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 9
		2.340	Min M <sub>z</sub>	-0.04	0.01	1.82	0.00	11.15	<b>-0.02</b>	CO 17
2361	1994	0.000	max N	<b>0.73</b>	-0.01	6.53	0.00	0.00	0.00	CO 12
			min N	<b>0.00</b>	0.00	2.25	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	0.00	<b>0.00</b>	2.25	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	0.73	<b>-0.01</b>	6.53	0.00	0.00	0.00	CO 12
			max V <sub>z</sub>	0.17	0.00	<b>7.70</b>	0.00	0.00	0.00	CO 19
			min V <sub>z</sub>	0.61	0.00	<b>2.24</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.17	0.00	7.70	<b>0.00</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	0.61	0.00	2.24	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.17	0.00	7.70	0.00	<b>0.00</b>	0.00	CO 19
			min M <sub>y</sub>	0.61	0.00	2.24	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	0.65	0.00	3.80	0.00	0.00	<b>0.00</b>	CO 10
			min M <sub>z</sub>	0.17	0.00	7.70	0.00	0.00	<b>0.00</b>	CO 19
		2.340	max N	<b>0.67</b>	-0.01	1.56	0.00	9.46	0.02	CO 12
			min N	<b>-0.01</b>	0.00	0.62	0.00	3.35	0.00	CO 9
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.62	0.00	3.35	0.00	CO 9
			min V <sub>y</sub>	0.45	<b>-0.01</b>	1.82	0.00	11.13	0.02	CO 18
			max V <sub>z</sub>	0.08	-0.01	<b>1.82</b>	0.00	11.14	0.01	CO 19
			min V <sub>z</sub>	0.60	0.00	<b>0.62</b>	0.00	3.35	0.01	CO 8
			max M <sub>T</sub>	0.08	-0.01	1.82	<b>0.00</b>	11.14	0.01	CO 19
			min M <sub>T</sub>	0.60	0.00	0.62	<b>0.00</b>	3.35	0.01	CO 8
			max M <sub>y</sub>	0.08	-0.01	1.82	0.00	<b>11.14</b>	0.01	CO 19
			min M <sub>y</sub>	0.60	0.00	0.62	0.00	<b>3.35</b>	0.01	CO 8
			max M <sub>z</sub>	0.67	-0.01	1.56	0.00	9.46	<b>0.02</b>	CO 12
			min M <sub>z</sub>	-0.01	0.00	0.62	0.00	3.35	<b>0.00</b>	CO 9
			max N	<b>0.67</b>	0.00	1.40	0.00	9.46	0.02	CO 12
			min N	<b>-0.01</b>	0.00	0.46	0.00	3.35	0.00	CO 9
			max V <sub>y</sub>	0.60	<b>0.01</b>	0.46	0.00	3.35	0.01	CO 8
			min V <sub>y</sub>	0.06	<b>0.00</b>	1.40	0.00	9.47	0.01	CO 13
			max V <sub>z</sub>	0.08	0.00	<b>1.66</b>	0.00	11.14	0.01	CO 19
			min V <sub>z</sub>	0.60	0.01	<b>0.46</b>	0.00	3.35	0.01	CO 8
			max M <sub>T</sub>	0.08	0.00	1.66	<b>0.00</b>	11.14	0.01	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	0.60	0.01	0.46	<b>0.00</b>	3.35	0.01	CO 8
			max M <sub>y</sub>	0.08	0.00	1.66	0.00	<b>11.14</b>	0.01	CO 19
			min M <sub>y</sub>	0.60	0.01	0.46	0.00	<b>3.35</b>	0.01	CO 8
			max M <sub>z</sub>	0.67	0.00	1.40	0.00	9.46	<b>0.02</b>	CO 12
			min M <sub>z</sub>	-0.01	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 9
		3.660	max N	<b>0.67</b>	0.00	-1.40	0.00	9.46	0.01	CO 12
			min N	<b>-0.01</b>	0.00	-0.46	0.00	3.35	0.00	CO 9
			max V <sub>y</sub>	0.60	<b>0.01</b>	-0.46	0.00	3.35	0.00	CO 8
			min V <sub>y</sub>	0.08	<b>-0.01</b>	-1.66	0.00	11.14	0.02	CO 19
			max V <sub>z</sub>	0.60	0.01	<b>-0.46</b>	0.00	3.35	0.00	CO 8
			min V <sub>z</sub>	0.10	-0.01	<b>-1.66</b>	0.00	11.14	0.02	CO 17
			max M <sub>T</sub>	0.08	-0.01	-1.66	<b>0.00</b>	11.14	0.02	CO 19
			min M <sub>T</sub>	0.60	0.01	-0.46	<b>0.00</b>	3.35	0.00	CO 8
			max M <sub>y</sub>	0.08	-0.01	-1.66	0.00	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.60	0.01	-0.46	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.10	-0.01	-1.66	0.00	11.14	<b>0.02</b>	CO 17
			min M <sub>z</sub>	0.60	0.01	-0.46	0.00	3.35	<b>0.00</b>	CO 8
			max N	<b>0.67</b>	0.01	-1.56	0.00	9.46	0.01	CO 12
			min N	<b>-0.01</b>	0.00	-0.62	0.00	3.35	0.00	CO 9
			max V <sub>y</sub>	0.10	<b>0.01</b>	-1.82	0.00	11.14	0.02	CO 17
			min V <sub>y</sub>	0.60	<b>0.00</b>	-0.62	0.00	3.35	0.00	CO 8
			max V <sub>z</sub>	0.60	0.00	<b>-0.62</b>	0.00	3.35	0.00	CO 8
			min V <sub>z</sub>	0.10	0.01	<b>-1.82</b>	0.00	11.14	0.02	CO 17
			max M <sub>T</sub>	0.08	0.01	-1.82	<b>0.00</b>	11.14	0.02	CO 19
			min M <sub>T</sub>	0.60	0.00	-0.62	<b>0.00</b>	3.35	0.00	CO 8
			max M <sub>y</sub>	0.10	0.01	-1.82	0.00	<b>11.14</b>	0.02	CO 17
			min M <sub>y</sub>	0.60	0.00	-0.62	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.10	0.01	-1.82	0.00	11.14	<b>0.02</b>	CO 17
			min M <sub>z</sub>	0.60	0.00	-0.62	0.00	3.35	<b>0.00</b>	CO 8
	1996	6.000	max N	<b>0.73</b>	0.00	-6.53	0.00	0.00	0.00	CO 12
			min N	<b>0.00</b>	0.00	-2.25	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	0.12	<b>0.01</b>	-6.14	0.00	0.00	0.00	CO 16
			min V <sub>y</sub>	0.61	<b>0.00</b>	-2.24	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	0.61	0.00	<b>-2.24</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.17	0.00	<b>-7.70</b>	0.00	0.00	0.00	CO 19
			max M <sub>T</sub>	0.17	0.00	-7.70	<b>0.00</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	0.61	0.00	-2.24	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.00	0.00	-2.25	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	0.61	0.00	-2.24	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	0.17	0.00	-7.70	0.00	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	0.65	0.00	-3.80	0.00	0.00	<b>0.00</b>	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	1996	6.000	Max N	<b>0.73</b>	0.00	-6.53	0.00	0.00	0.00	CO 12
		3.132	Min N	<b>-0.01</b>	0.00	-0.09	0.00	3.50	0.00	CO 9
		3.660	Max V <sub>y</sub>	0.10	<b>0.01</b>	-1.82	0.00	11.14	0.02	CO 17
		2.340	Min V <sub>y</sub>	0.45	<b>-0.01</b>	1.82	0.00	11.13	0.02	CO 18
	1994	0.000	Max V <sub>z</sub>	0.17	0.00	<b>7.70</b>	0.00	0.00	0.00	CO 19
	1996	6.000	Min V <sub>z</sub>	0.17	0.00	<b>-7.70</b>	0.00	0.00	0.00	CO 19
		4.960	Max M <sub>T</sub>	0.13	0.01	-5.09	<b>0.00</b>	6.65	0.01	CO 19
		2.868	Min M <sub>T</sub>	0.60	0.01	0.09	<b>0.00</b>	3.49	0.00	CO 8
		3.000	Max M <sub>y</sub>	0.08	-0.01	0.00	0.00	<b>11.69</b>	0.02	CO 19
	1994	0.000	Min M <sub>y</sub>	0.61	0.00	2.24	0.00	<b>0.00</b>	0.00	CO 8
		3.660	Max M <sub>z</sub>	0.10	0.01	-1.82	0.00	11.14	<b>0.02</b>	CO 17
		2.340	Min M <sub>z</sub>	-0.01	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 9
2362	1995	0.000	max N	<b>0.06</b>	0.00	7.71	0.00	0.00	0.00	CO 19
			min N	<b>-0.32</b>	0.00	2.25	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	-0.29	<b>0.00</b>	6.54	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	0.03	<b>0.00</b>	2.25	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.15	0.00	<b>7.71</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	0.03	0.00	<b>2.25</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.32	0.00	2.25	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	0.06	0.00	6.54	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-0.32	0.00	2.25	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.03	0.00	2.25	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.06	0.00	7.71	0.00	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	-0.29	0.00	6.54	0.00	0.00	<b>0.00</b>	CO 12
		2.340	max N	<b>0.03</b>	0.00	0.62	0.00	3.35	0.00	CO 9
			min N	<b>-0.36</b>	0.01	1.56	0.00	9.48	-0.02	CO 12
			max V <sub>y</sub>	-0.24	<b>0.01</b>	1.82	0.00	11.15	-0.02	CO 18
			min V <sub>y</sub>	0.03	<b>0.00</b>	0.62	0.00	3.35	0.00	CO 9
			max V <sub>z</sub>	-0.24	0.01	<b>1.82</b>	0.00	11.15	-0.02	CO 18
			min V <sub>z</sub>	0.03	0.00	<b>0.62</b>	0.00	3.35	0.00	CO 9
			max M <sub>T</sub>	-0.33	0.00	0.62	<b>0.00</b>	3.35	-0.01	CO 8
			min M <sub>T</sub>	0.00	0.01	1.56	<b>0.00</b>	9.47	-0.01	CO 13
			max M <sub>y</sub>	-0.24	0.01	1.82	0.00	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.03	0.00	0.62	0.00	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	0.03	0.00	0.62	0.00	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.24	0.01	1.82	0.00	11.15	<b>-0.02</b>	CO 18
			max N	<b>0.03</b>	0.00	0.46	0.00	3.35	0.00	CO 9
			min N	<b>-0.36</b>	0.00	1.40	0.00	9.48	-0.02	CO 12
			max V <sub>y</sub>	0.00	<b>0.00</b>	1.40	0.00	9.47	-0.01	CO 13
			min V <sub>y</sub>	-0.33	<b>-0.01</b>	0.46	0.00	3.35	-0.01	CO 8
			max V <sub>z</sub>	-0.24	0.00	<b>1.66</b>	0.00	11.15	-0.02	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	0.03	0.00	<b>0.46</b>	0.00	3.35	0.00	CO 9
			max M <sub>T</sub>	-0.33	-0.01	0.46	<b>0.00</b>	3.35	-0.01	CO 8
			min M <sub>T</sub>	0.00	0.00	1.40	<b>0.00</b>	9.47	-0.01	CO 13
			max M <sub>y</sub>	-0.24	0.00	1.66	0.00	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.03	0.00	0.46	0.00	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	0.03	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.24	0.00	1.66	0.00	11.15	<b>-0.02</b>	CO 18
		3.660	max N	<b>0.03</b>	0.00	-0.46	0.00	3.35	0.00	CO 9
			min N	<b>-0.36</b>	0.00	-1.40	0.00	9.48	-0.01	CO 12
			max V <sub>y</sub>	-0.02	<b>0.01</b>	-1.66	0.00	11.15	-0.02	CO 19
			min V <sub>y</sub>	-0.33	<b>-0.01</b>	-0.46	0.00	3.35	0.00	CO 8
			max V <sub>z</sub>	-0.01	0.00	<b>-0.46</b>	0.00	3.35	0.00	CO 1
			min V <sub>z</sub>	-0.24	0.00	<b>-1.66</b>	0.00	11.15	-0.02	CO 18
			max M <sub>T</sub>	-0.33	-0.01	-0.46	<b>0.00</b>	3.35	0.00	CO 8
			min M <sub>T</sub>	0.00	0.01	-1.40	<b>0.00</b>	9.47	-0.02	CO 13
			max M <sub>y</sub>	-0.24	0.00	-1.66	0.00	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.03	0.00	-0.46	0.00	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	-0.33	-0.01	-0.46	0.00	3.35	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.04	0.01	-1.66	0.00	11.15	<b>-0.02</b>	CO 17
			max N	<b>0.03</b>	0.00	-0.62	0.00	3.35	0.00	CO 9
			min N	<b>-0.36</b>	-0.01	-1.56	0.00	9.48	-0.01	CO 12
			max V <sub>y</sub>	-0.33	<b>0.00</b>	-0.62	0.00	3.35	0.00	CO 8
			min V <sub>y</sub>	-0.04	<b>-0.01</b>	-1.82	0.00	11.15	-0.02	CO 17
			max V <sub>z</sub>	-0.01	0.00	<b>-0.62</b>	0.00	3.35	0.00	CO 1
			min V <sub>z</sub>	-0.24	-0.01	<b>-1.82</b>	0.00	11.15	-0.02	CO 18
			max M <sub>T</sub>	-0.33	0.00	-0.62	<b>0.00</b>	3.35	0.00	CO 8
			min M <sub>T</sub>	0.00	-0.01	-1.56	<b>0.00</b>	9.48	-0.02	CO 13
			max M <sub>y</sub>	-0.24	-0.01	-1.82	0.00	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	-0.01	0.00	-0.62	0.00	<b>3.35</b>	0.00	CO 1
			max M <sub>z</sub>	-0.33	0.00	-0.62	0.00	3.35	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.04	-0.01	-1.82	0.00	11.15	<b>-0.02</b>	CO 17
	1997	6.000	max N	<b>0.06</b>	-0.01	-7.71	0.00	0.00	0.00	CO 19
			min N	<b>-0.32</b>	0.00	-2.25	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	-0.32	<b>0.00</b>	-2.25	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	0.03	<b>-0.01</b>	-6.54	0.00	0.00	0.00	CO 7
			max V <sub>z</sub>	0.00	0.00	<b>-2.25</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.15	0.00	<b>-7.71</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-0.32	0.00	-2.25	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	0.06	0.00	-6.54	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-0.32	0.00	-3.81	0.00	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	0.06	0.00	-6.54	0.00	<b>0.00</b>	0.00	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-0.29	0.00	-6.54	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.06	-0.01	-7.71	0.00	0.00	<b>0.00</b>	CO 19
	1995	0.000	Max N	<b>0.06</b>	0.00	7.71	0.00	0.00	0.00	CO 19
		3.000	Min N	<b>-0.36</b>	0.00	0.00	0.00	9.94	-0.01	CO 12
		2.340	Max V <sub>y</sub>	-0.24	<b>0.01</b>	1.82	0.00	11.15	-0.02	CO 18
		3.660	Min V <sub>y</sub>	-0.04	<b>-0.01</b>	-1.82	0.00	11.15	-0.02	CO 17
	1995	0.000	Max V <sub>z</sub>	-0.15	0.00	<b>7.71</b>	0.00	0.00	0.00	CO 18
	1997	6.000	Min V <sub>z</sub>	-0.15	0.00	<b>-7.71</b>	0.00	0.00	0.00	CO 18
	1995	0.000	Max M <sub>T</sub>	-0.32	0.00	2.25	<b>0.00</b>	0.00	0.00	CO 8
		4.180	Min M <sub>T</sub>	0.01	-0.01	-2.67	<b>-0.01</b>	8.38	-0.01	CO 13
		3.132	Max M <sub>y</sub>	-0.24	0.00	-0.33	0.00	<b>11.67</b>	-0.02	CO 18
	1997	6.000	Min M <sub>y</sub>	0.06	0.00	-6.54	0.00	<b>0.00</b>	0.00	CO 13
		2.340	Max M <sub>z</sub>	0.03	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 9
		3.660	Min M <sub>z</sub>	-0.04	-0.01	-1.82	0.00	11.15	<b>-0.02</b>	CO 17
2363	1998	0.000	max N	<b>0.63</b>	0.00	6.53	0.01	0.00	0.00	CO 12
			min N	<b>0.01</b>	0.00	2.25	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	0.50	<b>0.00</b>	2.24	0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	0.13	<b>0.00</b>	6.14	0.00	0.00	0.00	CO 16
			max V <sub>z</sub>	0.19	0.00	<b>7.70</b>	0.01	0.00	0.00	CO 19
			min V <sub>z</sub>	0.50	0.00	<b>2.24</b>	0.01	0.00	0.00	CO 8
			max M <sub>T</sub>	0.63	0.00	6.53	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.01	0.00	2.25	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.63	0.00	6.53	0.01	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.01	0.00	2.25	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.01	0.00	2.25	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.48	0.00	7.70	0.01	0.00	<b>0.00</b>	CO 18
		2.340	max N	<b>0.56</b>	-0.01	1.56	0.00	9.46	0.01	CO 12
			min N	<b>0.01</b>	0.00	0.62	0.00	3.35	0.00	CO 9
			max V <sub>y</sub>	0.49	<b>0.00</b>	0.62	0.00	3.34	0.00	CO 8
			min V <sub>y</sub>	0.11	<b>-0.01</b>	1.82	0.01	11.14	0.02	CO 17
			max V <sub>z</sub>	0.10	-0.01	<b>1.82</b>	0.01	11.14	0.02	CO 19
			min V <sub>z</sub>	0.49	0.00	<b>0.62</b>	0.00	3.34	0.00	CO 8
			max M <sub>T</sub>	0.11	-0.01	1.82	<b>0.01</b>	11.14	0.02	CO 17
			min M <sub>T</sub>	0.01	0.00	0.62	<b>0.00</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	0.10	-0.01	1.82	0.01	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.49	0.00	0.62	0.00	<b>3.34</b>	0.00	CO 8
			max M <sub>z</sub>	0.11	-0.01	1.82	0.01	11.14	<b>0.02</b>	CO 17
			min M <sub>z</sub>	0.49	0.00	0.62	0.00	3.34	<b>0.00</b>	CO 8
			max N	<b>0.56</b>	0.00	1.40	0.00	9.47	0.01	CO 12
			min N	<b>0.01</b>	0.00	0.46	0.00	3.35	0.00	CO 9
			max V <sub>y</sub>	0.49	<b>0.00</b>	0.46	0.00	3.35	0.00	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	0.08	<b>0.00</b>	1.40	0.00	9.47	0.01	CO 13
			max V <sub>z</sub>	0.10	0.00	<b>1.66</b>	0.01	11.14	0.02	CO 19
			min V <sub>z</sub>	0.49	0.00	<b>0.46</b>	0.00	3.35	0.00	CO 8
			max M <sub>T</sub>	0.11	0.00	1.66	<b>0.01</b>	11.14	0.02	CO 17
			min M <sub>T</sub>	0.01	0.00	0.46	<b>0.00</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	0.10	0.00	1.66	0.01	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.49	0.00	0.46	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.11	0.00	1.66	0.01	11.14	<b>0.02</b>	CO 17
			min M <sub>z</sub>	0.49	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 8
		3.660	max N	<b>0.56</b>	0.00	-1.40	0.00	9.46	0.02	CO 12
			min N	<b>0.01</b>	0.00	-0.46	0.00	3.35	0.00	CO 9
			max V <sub>y</sub>	0.49	<b>0.00</b>	-0.46	0.00	3.35	0.00	CO 8
			min V <sub>y</sub>	0.11	<b>-0.01</b>	-1.66	0.01	11.14	0.02	CO 17
			max V <sub>z</sub>	0.01	0.00	<b>-0.46</b>	0.00	3.35	0.00	CO 9
			min V <sub>z</sub>	0.10	-0.01	<b>-1.66</b>	0.01	11.14	0.02	CO 19
			max M <sub>T</sub>	0.11	-0.01	-1.66	<b>0.01</b>	11.14	0.02	CO 17
			min M <sub>T</sub>	0.01	0.00	-0.46	<b>0.00</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	0.10	-0.01	-1.66	0.01	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.49	0.00	-0.46	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.11	-0.01	-1.66	0.01	11.14	<b>0.02</b>	CO 17
			min M <sub>z</sub>	0.49	0.00	-0.46	0.00	3.35	<b>0.00</b>	CO 8
			max N	<b>0.56</b>	0.01	-1.56	0.00	9.47	0.02	CO 12
			min N	<b>0.01</b>	0.00	-0.62	0.00	3.35	0.00	CO 9
			max V <sub>y</sub>	0.11	<b>0.01</b>	-1.82	0.01	11.14	0.02	CO 17
			min V <sub>y</sub>	0.49	<b>0.00</b>	-0.62	0.00	3.35	0.00	CO 8
			max V <sub>z</sub>	0.02	0.00	<b>-0.62</b>	0.00	3.35	0.01	CO 1
			min V <sub>z</sub>	0.10	0.01	<b>-1.82</b>	0.01	11.14	0.02	CO 19
			max M <sub>T</sub>	0.11	0.01	-1.82	<b>0.01</b>	11.14	0.02	CO 17
			min M <sub>T</sub>	0.01	0.00	-0.62	<b>0.00</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	0.10	0.01	-1.82	0.01	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.49	0.00	-0.62	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.11	0.01	-1.82	0.01	11.14	<b>0.02</b>	CO 17
			min M <sub>z</sub>	0.49	0.00	-0.62	0.00	3.35	<b>0.00</b>	CO 8
	2000	6.000	max N	<b>0.63</b>	0.01	-6.53	0.01	0.00	0.00	CO 12
			min N	<b>0.01</b>	0.00	-2.25	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	0.16	<b>0.01</b>	-6.54	0.00	0.00	0.00	CO 7
			min V <sub>y</sub>	0.50	<b>0.00</b>	-2.25	0.01	0.00	0.00	CO 8
			max V <sub>z</sub>	0.50	0.00	<b>-2.25</b>	0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	0.19	0.01	<b>-7.71</b>	0.01	0.00	0.00	CO 19
			max M <sub>T</sub>	0.63	0.01	-6.53	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.01	0.00	-2.25	<b>0.00</b>	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	0.63	0.01	-6.53	0.01	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.20	0.01	-7.70	0.01	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	0.48	0.01	-7.70	0.01	0.00	<b>0.00</b>	CO 18
			min M <sub>z</sub>	0.01	0.00	-2.25	0.00	0.00	<b>0.00</b>	CO 9
	1998	0.000	Max N	<b>0.63</b>	0.00	6.53	0.01	0.00	0.00	CO 12
		3.132	Min N	<b>0.01</b>	0.00	-0.09	0.00	3.50	0.00	CO 9
		3.660	Max V <sub>y</sub>	0.11	<b>0.01</b>	-1.82	0.01	11.14	0.02	CO 17
		2.340	Min V <sub>y</sub>	0.11	<b>-0.01</b>	1.82	0.01	11.14	0.02	CO 17
	1998	0.000	Max V <sub>z</sub>	0.19	0.00	<b>7.70</b>	0.01	0.00	0.00	CO 19
	2000	6.000	Min V <sub>z</sub>	0.19	0.01	<b>-7.71</b>	0.01	0.00	0.00	CO 19
	1998	0.000	Max M <sub>T</sub>	0.63	0.00	6.53	<b>0.01</b>	0.00	0.00	CO 12
	1998	0.000	Min M <sub>T</sub>	0.01	0.00	2.25	<b>0.00</b>	0.00	0.00	CO 9
		3.000	Max M <sub>y</sub>	0.10	0.00	0.00	0.01	<b>11.69</b>	0.02	CO 19
	2000	6.000	Min M <sub>y</sub>	0.20	0.01	-7.70	0.01	<b>0.00</b>	0.00	CO 17
		3.660	Max M <sub>z</sub>	0.11	0.01	-1.82	0.01	11.14	<b>0.02</b>	CO 17
	1998	0.000	Min M <sub>z</sub>	0.48	0.00	7.70	0.01	0.00	<b>0.00</b>	CO 18
2364	1999	0.000	max N	<b>0.08</b>	0.00	6.54	0.02	0.00	0.00	CO 13
			min N	<b>-0.25</b>	0.00	3.81	0.02	0.00	0.00	CO 10
			max V <sub>y</sub>	0.01	<b>0.01</b>	6.54	0.02	0.00	0.00	CO 7
			min V <sub>y</sub>	-0.24	<b>0.00</b>	2.25	0.01	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.12	0.00	<b>7.71</b>	0.02	0.00	0.00	CO 18
			min V <sub>z</sub>	0.07	0.00	<b>2.25</b>	0.01	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.23	0.00	6.54	<b>0.02</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.01	0.00	2.25	<b>0.01</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.23	0.00	6.54	0.02	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.06	0.00	7.71	0.02	<b>0.00</b>	0.00	CO 19
			max M <sub>z</sub>	-0.01	0.00	2.25	0.01	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-0.12	0.00	7.71	0.02	0.00	<b>0.00</b>	CO 18
		2.340	max N	<b>0.06</b>	0.00	0.62	0.01	3.35	0.00	CO 9
			min N	<b>-0.29</b>	0.01	1.57	0.02	9.49	-0.01	CO 12
			max V <sub>y</sub>	-0.06	<b>0.01</b>	1.82	0.02	11.15	-0.02	CO 17
			min V <sub>y</sub>	-0.25	<b>0.00</b>	0.62	0.01	3.36	0.00	CO 8
			max V <sub>z</sub>	-0.21	0.01	<b>1.82</b>	0.02	11.15	-0.02	CO 18
			min V <sub>z</sub>	0.06	0.00	<b>0.62</b>	0.01	3.35	0.00	CO 9
			max M <sub>T</sub>	-0.02	0.01	1.82	<b>0.02</b>	11.15	-0.02	CO 19
			min M <sub>T</sub>	-0.02	0.00	0.62	<b>0.01</b>	3.35	0.00	CO 1
			max M <sub>y</sub>	-0.21	0.01	1.82	0.02	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.06	0.00	0.62	0.01	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	-0.25	0.00	0.62	0.01	3.36	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.06	0.01	1.82	0.02	11.15	<b>-0.02</b>	CO 17
			max N	<b>0.06</b>	0.00	0.46	0.01	3.35	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-0.29</b>	0.00	1.41	0.02	9.48	-0.01	CO 12
			max V <sub>y</sub>	0.01	<b>0.00</b>	1.40	0.02	9.47	-0.02	CO 13
			min V <sub>y</sub>	-0.25	<b>0.00</b>	0.46	0.01	3.35	0.00	CO 8
			max V <sub>z</sub>	-0.21	0.00	<b>1.66</b>	0.02	11.15	-0.02	CO 18
			min V <sub>z</sub>	0.06	0.00	<b>0.46</b>	0.01	3.35	0.00	CO 9
			max M <sub>T</sub>	-0.02	0.00	1.66	<b>0.02</b>	11.14	-0.02	CO 19
			min M <sub>T</sub>	-0.02	0.00	0.46	<b>0.01</b>	3.35	0.00	CO 1
			max M <sub>y</sub>	-0.21	0.00	1.66	0.02	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.06	0.00	0.46	0.01	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	-0.25	0.00	0.46	0.01	3.35	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.06	0.00	1.66	0.02	11.15	<b>-0.02</b>	CO 17
		3.660	max N	<b>0.06</b>	0.00	-0.46	0.01	3.35	0.00	CO 9
			min N	<b>-0.29</b>	0.00	-1.40	0.02	9.48	-0.02	CO 12
			max V <sub>y</sub>	-0.07	<b>0.01</b>	-1.66	0.02	11.15	-0.03	CO 17
			min V <sub>y</sub>	-0.25	<b>0.00</b>	-0.46	0.01	3.35	0.00	CO 8
			max V <sub>z</sub>	-0.25	0.00	<b>-0.46</b>	0.01	3.35	0.00	CO 8
			min V <sub>z</sub>	-0.07	0.01	<b>-1.66</b>	0.02	11.15	-0.03	CO 17
			max M <sub>T</sub>	-0.02	0.01	-1.66	<b>0.02</b>	11.15	-0.02	CO 19
			min M <sub>T</sub>	-0.02	0.00	-0.46	<b>0.01</b>	3.35	-0.01	CO 1
			max M <sub>y</sub>	-0.21	0.01	-1.66	0.02	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.06	0.00	-0.46	0.01	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	-0.25	0.00	-0.46	0.01	3.35	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.07	0.01	-1.66	0.02	11.15	<b>-0.03</b>	CO 17
			max N	<b>0.06</b>	0.00	-0.62	0.01	3.35	0.00	CO 9
			min N	<b>-0.29</b>	-0.01	-1.56	0.02	9.47	-0.02	CO 12
			max V <sub>y</sub>	-0.25	<b>0.00</b>	-0.62	0.01	3.35	0.00	CO 8
			min V <sub>y</sub>	-0.06	<b>-0.01</b>	-1.82	0.02	11.14	-0.03	CO 17
			max V <sub>z</sub>	-0.25	0.00	<b>-0.62</b>	0.01	3.35	0.00	CO 8
			min V <sub>z</sub>	-0.06	-0.01	<b>-1.82</b>	0.02	11.14	-0.03	CO 17
			max M <sub>T</sub>	-0.02	-0.01	-1.82	<b>0.02</b>	11.14	-0.02	CO 19
			min M <sub>T</sub>	-0.02	0.00	-0.62	<b>0.01</b>	3.35	-0.01	CO 1
			max M <sub>y</sub>	-0.21	-0.01	-1.82	0.02	<b>11.14</b>	-0.02	CO 18
			min M <sub>y</sub>	-0.25	0.00	-0.62	0.01	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	-0.25	0.00	-0.62	0.01	3.35	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.06	-0.01	-1.82	0.02	11.14	<b>-0.03</b>	CO 17
	2001	6.000	max N	<b>0.08</b>	-0.01	-6.53	0.02	0.00	0.00	CO 13
			min N	<b>-0.25</b>	0.00	-3.81	0.02	0.00	0.00	CO 10
			max V <sub>y</sub>	-0.24	<b>0.00</b>	-2.25	0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	0.02	<b>-0.01</b>	-7.71	0.02	0.00	0.00	CO 17
			max V <sub>z</sub>	-0.24	0.00	<b>-2.25</b>	0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.12	-0.01	<b>-7.71</b>	0.02	0.00	0.00	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-0.23	-0.01	-6.54	<b>0.02</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.01	0.00	-2.25	<b>0.01</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.23	-0.01	-6.54	0.02	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.07	0.00	-2.25	0.01	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-0.12	-0.01	-7.71	0.02	0.00	<b>0.00</b>	CO 18
			min M <sub>z</sub>	-0.01	0.00	-2.25	0.01	0.00	<b>0.00</b>	CO 1
	1999	0.000	Max N	<b>0.08</b>	0.00	6.54	0.02	0.00	0.00	CO 13
		3.000	Min N	<b>-0.30</b>	0.00	0.00	0.02	9.94	-0.02	CO 12
		2.340	Max V <sub>y</sub>	-0.06	<b>0.01</b>	1.82	0.02	11.15	-0.02	CO 17
		3.660	Min V <sub>y</sub>	-0.06	<b>-0.01</b>	-1.82	0.02	11.14	-0.03	CO 17
	1999	0.000	Max V <sub>z</sub>	-0.12	0.00	<b>7.71</b>	0.02	0.00	0.00	CO 18
	2001	6.000	Min V <sub>z</sub>	-0.12	-0.01	<b>-7.71</b>	0.02	0.00	0.00	CO 18
	2001	6.000	Max M <sub>T</sub>	-0.23	-0.01	-6.54	<b>0.02</b>	0.00	0.00	CO 12
		4.440	Min M <sub>T</sub>	-0.01	0.00	-1.16	<b>0.01</b>	2.66	0.00	CO 1
		3.000	Max M <sub>y</sub>	-0.21	0.00	0.00	0.02	<b>11.70</b>	-0.02	CO 18
	1999	0.000	Min M <sub>y</sub>	0.06	0.00	7.71	0.02	<b>0.00</b>	0.00	CO 19
		2.340	Max M <sub>z</sub>	-0.25	0.00	0.62	0.01	3.36	<b>0.00</b>	CO 8
		3.660	Min M <sub>z</sub>	-0.06	-0.01	-1.82	0.02	11.14	<b>-0.03</b>	CO 17
2365	2002	0.000	max N	<b>0.01</b>	0.02	6.15	-0.21	0.00	0.00	CO 20
			min N	<b>-0.14</b>	0.01	3.81	-0.08	0.00	0.00	CO 11
			max V <sub>y</sub>	-0.01	<b>0.03</b>	7.71	-0.28	0.00	0.00	CO 17
			min V <sub>y</sub>	-0.12	<b>0.00</b>	2.25	-0.01	0.00	0.00	CO 9
			max V <sub>z</sub>	0.00	0.03	<b>7.71</b>	-0.28	0.00	0.00	CO 18
			min V <sub>z</sub>	-0.04	0.00	<b>2.25</b>	-0.07	0.00	0.00	CO 1
			max M <sub>T</sub>	-0.12	0.00	2.25	<b>-0.01</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-0.01	0.03	7.71	<b>-0.28</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-0.01	0.02	6.54	-0.23	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-0.01	0.03	7.71	-0.28	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-0.01	0.03	7.71	-0.28	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-0.12	0.00	2.25	-0.01	0.00	<b>0.00</b>	CO 9
		2.340	max N	<b>-0.01</b>	0.00	0.62	-0.07	3.36	0.00	CO 8
			min N	<b>-0.16</b>	0.01	1.57	-0.17	9.49	-0.02	CO 13
			max V <sub>y</sub>	-0.09	<b>0.01</b>	1.82	-0.28	11.16	-0.04	CO 17
			min V <sub>y</sub>	-0.12	<b>0.00</b>	0.62	-0.01	3.36	0.00	CO 9
			max V <sub>z</sub>	-0.08	0.01	<b>1.83</b>	-0.27	11.16	-0.04	CO 18
			min V <sub>z</sub>	-0.04	0.00	<b>0.62</b>	-0.07	3.35	0.00	CO 1
			max M <sub>T</sub>	-0.12	0.00	0.62	<b>-0.01</b>	3.36	0.00	CO 9
			min M <sub>T</sub>	-0.09	0.01	1.82	<b>-0.28</b>	11.16	-0.04	CO 17
			max M <sub>y</sub>	-0.08	0.01	1.83	-0.27	<b>11.16</b>	-0.04	CO 18
			min M <sub>y</sub>	-0.04	0.00	0.62	-0.07	<b>3.35</b>	0.00	CO 1
			max M <sub>z</sub>	-0.12	0.00	0.62	-0.01	3.36	<b>0.00</b>	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-0.09	0.01	1.82	-0.28	11.16	<b>-0.04</b>	CO 17
			max N	<b>-0.01</b>	0.00	0.46	-0.07	3.35	0.00	CO 8
			min N	<b>-0.16</b>	-0.02	1.41	-0.17	9.47	-0.02	CO 13
			max V <sub>y</sub>	-0.12	<b>0.00</b>	0.46	-0.01	3.35	0.00	CO 9
			min V <sub>y</sub>	-0.09	<b>-0.04</b>	1.66	-0.28	11.14	-0.04	CO 17
			max V <sub>z</sub>	-0.08	-0.03	<b>1.67</b>	-0.27	11.14	-0.04	CO 18
			min V <sub>z</sub>	-0.04	-0.01	<b>0.46</b>	-0.07	3.35	0.00	CO 1
			max M <sub>T</sub>	-0.12	0.00	0.46	<b>-0.01</b>	3.35	0.00	CO 9
			min M <sub>T</sub>	-0.09	-0.04	1.66	<b>-0.28</b>	11.14	-0.04	CO 17
			max M <sub>y</sub>	-0.13	-0.03	1.67	-0.24	<b>11.14</b>	-0.03	CO 19
			min M <sub>y</sub>	-0.01	0.00	0.46	-0.07	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	-0.12	0.00	0.46	-0.01	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.09	-0.04	1.66	-0.28	11.14	<b>-0.04</b>	CO 17
		3.660	max N	<b>-0.01</b>	0.00	-0.46	-0.07	3.35	0.00	CO 8
			min N	<b>-0.16</b>	-0.03	-1.40	-0.17	9.48	0.01	CO 13
			max V <sub>y</sub>	-0.12	<b>0.00</b>	-0.46	-0.01	3.35	0.00	CO 9
			min V <sub>y</sub>	-0.08	<b>-0.04</b>	-1.66	-0.28	11.15	0.02	CO 17
			max V <sub>z</sub>	-0.01	0.00	<b>-0.46</b>	-0.07	3.35	0.00	CO 8
			min V <sub>z</sub>	-0.13	-0.04	<b>-1.66</b>	-0.24	11.15	0.02	CO 19
			max M <sub>T</sub>	-0.12	0.00	-0.46	<b>-0.01</b>	3.35	0.00	CO 9
			min M <sub>T</sub>	-0.08	-0.04	-1.66	<b>-0.28</b>	11.15	0.02	CO 17
			max M <sub>y</sub>	-0.13	-0.04	-1.66	-0.24	<b>11.15</b>	0.02	CO 19
			min M <sub>y</sub>	-0.04	-0.01	-0.46	-0.07	<b>3.35</b>	0.01	CO 1
			max M <sub>z</sub>	-0.08	-0.04	-1.66	-0.28	11.15	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-0.12	0.00	-0.46	-0.01	3.35	<b>0.00</b>	CO 9
			max N	<b>-0.01</b>	0.00	-0.61	-0.07	3.34	0.00	CO 8
			min N	<b>-0.16</b>	0.01	-1.56	-0.17	9.47	0.01	CO 13
			max V <sub>y</sub>	-0.08	<b>0.02</b>	-1.81	-0.28	11.13	0.02	CO 17
			min V <sub>y</sub>	-0.12	<b>0.00</b>	-0.62	-0.01	3.35	0.00	CO 9
			max V <sub>z</sub>	-0.01	0.00	<b>-0.61</b>	-0.07	3.34	0.00	CO 8
			min V <sub>z</sub>	-0.13	0.01	<b>-1.81</b>	-0.24	11.13	0.01	CO 19
			max M <sub>T</sub>	-0.12	0.00	-0.62	<b>-0.01</b>	3.35	0.00	CO 9
			min M <sub>T</sub>	-0.08	0.02	-1.81	<b>-0.28</b>	11.13	0.02	CO 17
			max M <sub>y</sub>	-0.13	0.01	-1.81	-0.24	<b>11.13</b>	0.01	CO 19
			min M <sub>y</sub>	-0.01	0.00	-0.61	-0.07	<b>3.34</b>	0.00	CO 8
			max M <sub>z</sub>	-0.08	0.02	-1.81	-0.28	11.13	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-0.12	0.00	-0.62	-0.01	3.35	<b>0.00</b>	CO 9
	2004	6.000	max N	<b>0.03</b>	0.01	-7.70	-0.28	0.00	0.00	CO 18
			min N	<b>-0.13</b>	0.00	-3.80	-0.08	0.00	0.00	CO 11
			max V <sub>y</sub>	0.02	<b>0.01</b>	-7.70	-0.28	0.00	0.00	CO 17
			min V <sub>y</sub>	-0.12	<b>0.00</b>	-2.24	-0.01	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-0.01	0.00	<b>-2.24</b>	-0.07	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.03	0.01	<b>-7.70</b>	-0.24	0.00	0.00	CO 19
			max M <sub>T</sub>	-0.12	0.00	-2.24	<b>-0.01</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.02	0.01	-7.70	<b>-0.28</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.01	0.01	-6.53	-0.23	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-0.12	0.00	-2.24	-0.01	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-0.12	0.00	-2.24	-0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.02	0.01	-7.70	-0.28	0.00	<b>0.00</b>	CO 17
	2004	6.000	Max N	<b>0.03</b>	0.01	-7.70	-0.28	0.00	0.00	CO 18
		2.868	Min N	<b>-0.17</b>	-0.02	0.28	-0.17	9.92	-0.01	CO 13
	2002	0.000	Max V <sub>y</sub>	-0.01	<b>0.03</b>	7.71	-0.28	0.00	0.00	CO 17
		3.660	Min V <sub>y</sub>	-0.08	<b>-0.04</b>	-1.66	-0.28	11.15	0.02	CO 17
	2002	0.000	Max V <sub>z</sub>	0.00	0.03	<b>7.71</b>	-0.28	0.00	0.00	CO 18
	2004	6.000	Min V <sub>z</sub>	-0.03	0.01	<b>-7.70</b>	-0.24	0.00	0.00	CO 19
		2.340	Max M <sub>T</sub>	-0.12	0.00	0.62	<b>-0.01</b>	3.36	0.00	CO 9
		2.604	Min M <sub>T</sub>	-0.09	-0.04	1.00	<b>-0.28</b>	11.49	-0.03	CO 17
		3.132	Max M <sub>y</sub>	-0.14	-0.04	-0.33	-0.24	<b>11.67</b>	-0.01	CO 19
	2002	0.000	Min M <sub>y</sub>	-0.01	0.03	7.71	-0.28	<b>0.00</b>	0.00	CO 17
		3.660	Max M <sub>z</sub>	-0.08	-0.04	-1.66	-0.28	11.15	<b>0.02</b>	CO 17
		2.340	Min M <sub>z</sub>	-0.09	-0.04	1.66	-0.28	11.14	<b>-0.04</b>	CO 17
2366	2003	0.000	max N	<b>0.74</b>	-0.02	7.69	0.23	0.00	0.00	CO 19
			min N	<b>0.15</b>	0.00	2.24	0.06	0.00	0.00	CO 8
			max V <sub>y</sub>	0.30	<b>0.00</b>	2.24	0.01	0.00	0.00	CO 9
			min V <sub>y</sub>	0.70	<b>-0.03</b>	7.69	0.26	0.00	0.00	CO 17
			max V <sub>z</sub>	0.70	-0.03	<b>7.69</b>	0.26	0.00	0.00	CO 17
			min V <sub>z</sub>	0.15	0.00	<b>2.24</b>	0.06	0.00	0.00	CO 8
			max M <sub>T</sub>	0.70	-0.03	7.69	<b>0.26</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.30	0.00	2.24	<b>0.01</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.70	-0.03	7.69	0.26	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	0.52	-0.02	6.52	0.21	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.30	0.00	2.24	0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.70	-0.03	7.69	0.26	0.00	<b>0.00</b>	CO 17
		2.340	max N	<b>0.67</b>	-0.01	1.81	0.23	11.12	0.03	CO 19
			min N	<b>0.14</b>	0.00	0.61	0.06	3.34	0.00	CO 8
			max V <sub>y</sub>	0.29	<b>0.00</b>	0.62	0.01	3.34	0.00	CO 9
			min V <sub>y</sub>	0.63	<b>-0.01</b>	1.81	0.26	11.12	0.03	CO 17
			max V <sub>z</sub>	0.63	-0.01	<b>1.81</b>	0.26	11.12	0.03	CO 17
			min V <sub>z</sub>	0.14	0.00	<b>0.61</b>	0.06	3.34	0.00	CO 8
			max M <sub>T</sub>	0.63	-0.01	1.81	<b>0.26</b>	11.12	0.03	CO 17
			min M <sub>T</sub>	0.29	0.00	0.62	<b>0.01</b>	3.34	0.00	CO 9
			max M <sub>y</sub>	0.63	-0.01	1.81	0.26	<b>11.12</b>	0.03	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	0.14	0.00	0.61	0.06	<b>3.34</b>	0.00	CO 8
			max M <sub>z</sub>	0.63	-0.01	1.81	0.26	11.12	<b>0.03</b>	CO 17
			min M <sub>z</sub>	0.29	0.00	0.62	0.01	3.34	<b>0.00</b>	CO 9
			max N	<b>0.67</b>	0.03	1.65	0.23	11.14	0.03	CO 19
			min N	<b>0.14</b>	0.00	0.46	0.06	3.35	0.00	CO 8
			max V <sub>y</sub>	0.63	<b>0.04</b>	1.65	0.26	11.14	0.03	CO 17
			min V <sub>y</sub>	0.29	<b>0.00</b>	0.46	0.01	3.35	0.00	CO 9
			max V <sub>z</sub>	0.63	0.04	<b>1.65</b>	0.26	11.14	0.03	CO 17
			min V <sub>z</sub>	0.14	0.00	<b>0.46</b>	0.06	3.35	0.00	CO 8
			max M <sub>T</sub>	0.63	0.04	1.65	<b>0.26</b>	11.14	0.03	CO 17
			min M <sub>T</sub>	0.29	0.00	0.46	<b>0.01</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	0.57	0.03	1.65	0.26	<b>11.14</b>	0.03	CO 18
			min M <sub>y</sub>	0.29	0.00	0.46	0.01	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	0.63	0.04	1.65	0.26	11.14	<b>0.03</b>	CO 17
			min M <sub>z</sub>	0.29	0.00	0.46	0.01	3.35	<b>0.00</b>	CO 9
		3.660	max N	<b>0.67</b>	0.04	-1.66	0.23	11.13	-0.02	CO 19
			min N	<b>0.14</b>	0.00	-0.46	0.06	3.35	0.00	CO 8
			max V <sub>y</sub>	0.63	<b>0.04</b>	-1.66	0.26	11.13	-0.02	CO 17
			min V <sub>y</sub>	0.29	<b>0.00</b>	-0.46	0.01	3.35	0.00	CO 9
			max V <sub>z</sub>	0.23	0.01	<b>-0.46</b>	0.07	3.35	-0.01	CO 1
			min V <sub>z</sub>	0.58	0.04	<b>-1.66</b>	0.26	11.13	-0.02	CO 18
			max M <sub>T</sub>	0.63	0.04	-1.66	<b>0.26</b>	11.13	-0.02	CO 17
			min M <sub>T</sub>	0.29	0.00	-0.46	<b>0.01</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	0.58	0.04	-1.66	0.26	<b>11.13</b>	-0.02	CO 18
			min M <sub>y</sub>	0.29	0.00	-0.46	0.01	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	0.29	0.00	-0.46	0.01	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.63	0.04	-1.66	0.26	11.13	<b>-0.02</b>	CO 17
			max N	<b>0.67</b>	-0.01	-1.82	0.23	11.14	-0.02	CO 19
			min N	<b>0.14</b>	0.00	-0.62	0.06	3.36	0.00	CO 8
			max V <sub>y</sub>	0.29	<b>0.00</b>	-0.62	0.01	3.35	0.00	CO 9
			min V <sub>y</sub>	0.63	<b>-0.02</b>	-1.82	0.26	11.14	-0.02	CO 17
			max V <sub>z</sub>	0.29	0.00	<b>-0.62</b>	0.01	3.35	0.00	CO 9
			min V <sub>z</sub>	0.58	-0.01	<b>-1.82</b>	0.26	11.15	-0.02	CO 18
			max M <sub>T</sub>	0.63	-0.02	-1.82	<b>0.26</b>	11.14	-0.02	CO 17
			min M <sub>T</sub>	0.29	0.00	-0.62	<b>0.01</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	0.58	-0.01	-1.82	0.26	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.29	0.00	-0.62	0.01	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	0.29	0.00	-0.62	0.01	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.63	-0.02	-1.82	0.26	11.14	<b>-0.02</b>	CO 17
	2005	6.000	max N	<b>0.77</b>	-0.01	-7.70	0.23	0.00	0.00	CO 19
			min N	<b>0.15</b>	0.00	-2.25	0.06	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	0.30	<b>0.00</b>	-2.25	0.01	0.00	0.00	CO 9
			min V <sub>y</sub>	0.73	<b>-0.01</b>	-7.70	0.26	0.00	0.00	CO 17
			max V <sub>z</sub>	0.30	0.00	<b>-2.25</b>	0.01	0.00	0.00	CO 9
			min V <sub>z</sub>	0.68	-0.01	<b>-7.70</b>	0.26	0.00	0.00	CO 18
			max M <sub>T</sub>	0.73	-0.01	-7.70	<b>0.26</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.30	0.00	-2.25	<b>0.01</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.73	-0.01	-7.70	0.26	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	0.55	-0.01	-6.54	0.21	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.73	-0.01	-7.70	0.26	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.30	0.00	-2.25	0.01	0.00	<b>0.00</b>	CO 9
	2005	6.000	Max N	<b>0.77</b>	-0.01	-7.70	0.23	0.00	0.00	CO 19
		2.868	Min N	<b>0.14</b>	0.00	0.09	0.06	3.50	0.00	CO 8
		3.660	Max V <sub>y</sub>	0.63	<b>0.04</b>	-1.66	0.26	11.13	-0.02	CO 17
	2003	0.000	Min V <sub>y</sub>	0.70	<b>-0.03</b>	7.69	0.26	0.00	0.00	CO 17
	2003	0.000	Max V <sub>z</sub>	0.70	-0.03	<b>7.69</b>	0.26	0.00	0.00	CO 17
	2005	6.000	Min V <sub>z</sub>	0.68	-0.01	<b>-7.70</b>	0.26	0.00	0.00	CO 18
	2003	0.000	Max M <sub>T</sub>	0.70	-0.03	7.69	<b>0.26</b>	0.00	0.00	CO 17
	2003	0.000	Min M <sub>T</sub>	0.30	0.00	2.24	<b>0.01</b>	0.00	0.00	CO 9
		3.000	Max M <sub>y</sub>	0.57	0.04	0.00	0.26	<b>11.68</b>	0.01	CO 18
	2003	0.000	Min M <sub>y</sub>	0.52	-0.02	6.52	0.21	<b>0.00</b>	0.00	CO 12
		2.340	Max M <sub>z</sub>	0.63	0.04	1.65	0.26	11.14	<b>0.03</b>	CO 17
		3.660	Min M <sub>z</sub>	0.63	0.04	-1.66	0.26	11.13	<b>-0.02</b>	CO 17
2367	2008	0.000	max N	<b>0.43</b>	-0.01	6.53	-0.01	0.00	0.00	CO 12
			min N	<b>0.00</b>	0.00	2.25	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.01	<b>0.00</b>	2.25	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	0.43	<b>-0.01</b>	6.53	-0.01	0.00	0.00	CO 12
			max V <sub>z</sub>	0.05	-0.01	<b>7.71</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	0.40	0.00	<b>2.24</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.01	0.00	2.25	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.43	-0.01	6.53	<b>-0.01</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.43	-0.01	6.53	-0.01	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.05	-0.01	7.71	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	0.29	-0.01	7.70	0.00	0.00	<b>0.00</b>	CO 18
			min M <sub>z</sub>	0.04	0.00	6.54	0.00	0.00	<b>0.00</b>	CO 13
		2.340	max N	<b>0.39</b>	0.00	0.62	0.00	3.35	0.00	CO 8
			min N	<b>-0.04</b>	-0.01	1.82	0.00	11.14	0.02	CO 17
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.62	0.00	3.35	0.00	CO 9
			min V <sub>y</sub>	-0.04	<b>-0.01</b>	1.82	0.00	11.14	0.02	CO 17
			max V <sub>z</sub>	-0.04	-0.01	<b>1.82</b>	0.00	11.14	0.02	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>0.62</b>	0.00	3.35	0.00	CO 9
			max M <sub>T</sub>	0.00	0.00	0.62	<b>0.00</b>	3.35	0.00	CO 9



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-0.04	-0.01	1.82	<b>0.00</b>	11.14	0.02	CO 17
			max M <sub>y</sub>	-0.04	-0.01	1.82	0.00	<b>11.14</b>	0.02	CO 17
			min M <sub>y</sub>	0.39	0.00	0.62	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.20	-0.01	1.82	0.00	11.14	<b>0.02</b>	CO 18
			min M <sub>z</sub>	0.00	0.00	0.62	0.00	3.35	<b>0.00</b>	CO 9
			max N	<b>0.39</b>	0.00	0.46	0.00	3.35	0.00	CO 8
			min N	<b>-0.04</b>	0.01	1.66	0.00	11.14	0.02	CO 17
			max V <sub>y</sub>	0.20	<b>0.01</b>	1.66	0.00	11.14	0.02	CO 18
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.46	0.00	3.35	0.00	CO 9
			max V <sub>z</sub>	-0.04	0.01	<b>1.66</b>	0.00	11.14	0.02	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>0.46</b>	0.00	3.35	0.00	CO 9
			max M <sub>T</sub>	0.00	0.00	0.46	<b>0.00</b>	3.35	0.00	CO 9
			min M <sub>T</sub>	-0.04	0.01	1.66	<b>0.00</b>	11.14	0.02	CO 17
			max M <sub>y</sub>	-0.03	0.00	1.66	0.00	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.39	0.00	0.46	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.20	0.01	1.66	0.00	11.14	<b>0.02</b>	CO 18
			min M <sub>z</sub>	0.00	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 9
		3.660	max N	<b>0.39</b>	0.00	-0.46	0.00	3.35	0.00	CO 8
			min N	<b>-0.04</b>	0.00	-1.66	0.00	11.14	0.02	CO 17
			max V <sub>y</sub>	0.36	<b>0.00</b>	-1.40	0.00	9.47	0.01	CO 12
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.46	0.00	3.35	0.01	CO 9
			max V <sub>z</sub>	0.39	0.00	<b>-0.46</b>	0.00	3.35	0.00	CO 8
			min V <sub>z</sub>	-0.03	0.00	<b>-1.66</b>	0.00	11.14	0.02	CO 19
			max M <sub>T</sub>	0.00	0.00	-0.46	<b>0.00</b>	3.35	0.01	CO 9
			min M <sub>T</sub>	-0.04	0.00	-1.66	<b>0.00</b>	11.14	0.02	CO 17
			max M <sub>y</sub>	-0.04	0.00	-1.66	0.00	<b>11.14</b>	0.02	CO 17
			min M <sub>y</sub>	0.39	0.00	-0.46	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	-0.03	0.00	-1.66	0.00	11.14	<b>0.02</b>	CO 19
			min M <sub>z</sub>	0.39	0.00	-0.46	0.00	3.35	<b>0.00</b>	CO 8
			max N	<b>0.39</b>	0.00	-0.62	0.00	3.35	0.00	CO 8
			min N	<b>-0.04</b>	0.01	-1.82	0.00	11.14	0.02	CO 17
			max V <sub>y</sub>	-0.03	<b>0.01</b>	-1.82	0.00	11.14	0.02	CO 19
			min V <sub>y</sub>	0.39	<b>0.00</b>	-0.62	0.00	3.35	0.00	CO 8
			max V <sub>z</sub>	0.39	0.00	<b>-0.62</b>	0.00	3.35	0.00	CO 8
			min V <sub>z</sub>	-0.03	0.01	<b>-1.82</b>	0.00	11.14	0.02	CO 19
			max M <sub>T</sub>	0.00	0.00	-0.62	<b>0.00</b>	3.35	0.01	CO 9
			min M <sub>T</sub>	-0.04	0.01	-1.82	<b>0.00</b>	11.14	0.02	CO 17
			max M <sub>y</sub>	-0.03	0.01	-1.82	0.00	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.39	0.00	-0.62	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	-0.03	0.01	-1.82	0.00	11.14	<b>0.02</b>	CO 19
			min M <sub>z</sub>	0.39	0.00	-0.62	0.00	3.35	<b>0.00</b>	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2010	6.000	max N	<b>0.43</b>	0.00	-6.53	-0.01	0.00	0.00	CO 12
			min N	<b>0.00</b>	0.00	-2.25	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.04	<b>0.01</b>	-6.54	0.00	0.00	0.00	CO 13
			min V <sub>y</sub>	0.40	<b>0.00</b>	-2.24	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	0.40	0.00	<b>-2.24</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.05	0.00	<b>-7.71</b>	0.00	0.00	0.00	CO 19
			max M <sub>T</sub>	0.01	0.00	-2.25	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.43	0.00	-6.53	<b>-0.01</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.43	0.00	-6.53	-0.01	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.04	0.01	-6.54	0.00	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	0.04	0.01	-6.54	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	0.29	0.00	-7.70	0.00	0.00	<b>0.00</b>	CO 18
	2010	6.000	Max N	<b>0.43</b>	0.00	-6.53	-0.01	0.00	0.00	CO 12
		2.868	Min N	<b>-0.04</b>	0.00	0.33	0.00	11.67	0.02	CO 17
		3.660	Max V <sub>y</sub>	-0.03	<b>0.01</b>	-1.82	0.00	11.14	0.02	CO 19
		2.340	Min V <sub>y</sub>	-0.04	<b>-0.01</b>	1.82	0.00	11.14	0.02	CO 17
	2008	0.000	Max V <sub>z</sub>	0.05	-0.01	<b>7.71</b>	0.00	0.00	0.00	CO 17
	2010	6.000	Min V <sub>z</sub>	0.05	0.00	<b>-7.71</b>	0.00	0.00	0.00	CO 19
		3.660	Max M <sub>T</sub>	0.00	0.00	-0.46	<b>0.00</b>	3.35	0.01	CO 9
	2008	0.000	Min M <sub>T</sub>	0.43	-0.01	6.53	<b>-0.01</b>	0.00	0.00	CO 12
		2.868	Max M <sub>y</sub>	-0.04	0.00	0.33	0.00	<b>11.67</b>	0.02	CO 19
	2010	6.000	Min M <sub>y</sub>	0.04	0.01	-6.54	0.00	<b>0.00</b>	0.00	CO 13
		2.340	Max M <sub>z</sub>	0.20	-0.01	1.82	0.00	11.14	<b>0.02</b>	CO 18
		1.638	Min M <sub>z</sub>	0.01	0.00	1.11	0.00	2.74	<b>0.00</b>	CO 9
2368	2009	0.000	max N	<b>0.17</b>	0.01	7.70	0.00	0.00	0.00	CO 17
			min N	<b>-0.60</b>	0.00	2.25	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	0.13	<b>0.01</b>	6.54	0.00	0.00	0.00	CO 7
			min V <sub>y</sub>	-0.03	<b>0.00</b>	2.25	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.20	0.01	<b>7.71</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	0.02	0.00	<b>2.25</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.17	0.01	7.70	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.03	0.00	2.25	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.60	0.00	2.25	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.20	0.01	7.71	0.00	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	0.00	0.00	3.81	0.00	0.00	<b>0.00</b>	CO 11
			min M <sub>z</sub>	0.17	0.01	7.70	0.00	0.00	<b>0.00</b>	CO 17
		2.340	max N	<b>0.09</b>	0.01	1.82	0.00	11.14	-0.02	CO 17
			min N	<b>-0.61</b>	0.00	0.62	0.00	3.35	0.00	CO 8
			max V <sub>y</sub>	0.09	<b>0.01</b>	1.82	0.00	11.14	-0.02	CO 17
			min V <sub>y</sub>	-0.04	<b>0.00</b>	0.62	0.00	3.35	0.00	CO 9
			max V <sub>z</sub>	-0.29	0.01	<b>1.82</b>	0.00	11.15	-0.02	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	0.01	0.00	<b>0.62</b>	0.00	3.35	0.00	CO 1
			max M <sub>T</sub>	-0.29	0.01	1.82	<b>0.00</b>	11.15	-0.02	CO 18
			min M <sub>T</sub>	-0.04	0.00	0.62	<b>0.00</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	-0.29	0.01	1.82	0.00	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.01	0.00	0.62	0.00	<b>3.35</b>	0.00	CO 1
			max M <sub>z</sub>	-0.04	0.00	0.62	0.00	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.09	0.01	1.82	0.00	11.14	<b>-0.02</b>	CO 17
			max N	<b>0.09</b>	-0.01	1.66	0.00	11.14	-0.02	CO 17
			min N	<b>-0.61</b>	0.00	0.46	0.00	3.35	0.00	CO 8
			max V <sub>y</sub>	-0.04	<b>0.00</b>	0.46	0.00	3.35	0.00	CO 9
			min V <sub>y</sub>	-0.29	<b>-0.01</b>	1.66	0.00	11.15	-0.02	CO 18
			max V <sub>z</sub>	-0.29	-0.01	<b>1.66</b>	0.00	11.15	-0.02	CO 18
			min V <sub>z</sub>	0.01	0.00	<b>0.46</b>	0.00	3.35	0.00	CO 1
			max M <sub>T</sub>	-0.29	-0.01	1.66	<b>0.00</b>	11.15	-0.02	CO 18
			min M <sub>T</sub>	-0.04	0.00	0.46	<b>0.00</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	-0.29	-0.01	1.66	0.00	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	-0.04	0.00	0.46	0.00	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	-0.04	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.09	-0.01	1.66	0.00	11.14	<b>-0.02</b>	CO 17
		3.660	max N	<b>0.09</b>	0.00	-1.66	0.00	11.14	-0.02	CO 17
			min N	<b>-0.61</b>	0.00	-0.46	0.00	3.35	0.00	CO 8
			max V <sub>y</sub>	-0.04	<b>0.00</b>	-0.46	0.00	3.35	-0.01	CO 9
			min V <sub>y</sub>	-0.55	<b>0.00</b>	-1.41	0.00	9.48	-0.01	CO 12
			max V <sub>z</sub>	-0.04	0.00	<b>-0.46</b>	0.00	3.35	-0.01	CO 9
			min V <sub>z</sub>	-0.29	0.00	<b>-1.66</b>	0.00	11.15	-0.01	CO 18
			max M <sub>T</sub>	-0.55	0.00	-1.41	<b>0.00</b>	9.48	-0.01	CO 12
			min M <sub>T</sub>	-0.04	0.00	-0.46	<b>0.00</b>	3.35	-0.01	CO 9
			max M <sub>y</sub>	-0.29	0.00	-1.66	0.00	<b>11.15</b>	-0.01	CO 18
			min M <sub>y</sub>	0.01	0.00	-0.46	0.00	<b>3.35</b>	0.00	CO 1
			max M <sub>z</sub>	-0.61	0.00	-0.46	0.00	3.35	<b>0.00</b>	CO 8
			min M <sub>z</sub>	0.06	0.00	-1.66	0.00	11.14	<b>-0.02</b>	CO 19
			max N	<b>0.09</b>	-0.01	-1.82	0.00	11.14	-0.02	CO 17
			min N	<b>-0.61</b>	0.00	-0.62	0.00	3.36	0.00	CO 8
			max V <sub>y</sub>	-0.61	<b>0.00</b>	-0.62	0.00	3.36	0.00	CO 8
			min V <sub>y</sub>	0.06	<b>-0.01</b>	-1.82	0.00	11.14	-0.02	CO 19
			max V <sub>z</sub>	-0.04	0.00	<b>-0.62</b>	0.00	3.35	-0.01	CO 9
			min V <sub>z</sub>	-0.29	-0.01	<b>-1.82</b>	0.00	11.15	-0.01	CO 18
			max M <sub>T</sub>	-0.55	-0.01	-1.56	<b>0.00</b>	9.49	-0.01	CO 12
			min M <sub>T</sub>	-0.04	0.00	-0.62	<b>0.00</b>	3.35	-0.01	CO 9
			max M <sub>y</sub>	-0.29	-0.01	-1.82	0.00	<b>11.15</b>	-0.01	CO 18
			min M <sub>y</sub>	-0.04	0.00	-0.62	0.00	<b>3.35</b>	-0.01	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-0.61	0.00	-0.62	0.00	3.36	<b>0.00</b>	CO 8
			min M <sub>z</sub>	0.06	-0.01	-1.82	0.00	11.14	<b>-0.02</b>	CO 19
	2011	6.000	max N	<b>0.18</b>	0.00	-7.70	0.00	0.00	0.00	CO 17
			min N	<b>-0.60</b>	0.00	-2.25	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	-0.60	<b>0.00</b>	-2.25	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	0.08	<b>0.00</b>	-6.54	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	-0.03	0.00	<b>-2.25</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-0.20	0.00	<b>-7.71</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	0.18	0.00	-7.70	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.03	0.00	-2.25	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.60	0.00	-2.25	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.20	0.00	-7.71	0.00	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	0.18	0.00	-7.70	0.00	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	-3.81	0.00	0.00	<b>0.00</b>	CO 11
	2011	6.000	Max N	<b>0.18</b>	0.00	-7.70	0.00	0.00	0.00	CO 17
		3.000	Min N	<b>-0.61</b>	0.00	0.00	0.00	3.51	0.00	CO 8
		2.340	Max V <sub>y</sub>	0.09	<b>0.01</b>	1.82	0.00	11.14	-0.02	CO 17
		3.660	Min V <sub>y</sub>	0.06	<b>-0.01</b>	-1.82	0.00	11.14	-0.02	CO 19
	2009	0.000	Max V <sub>z</sub>	-0.20	0.01	<b>7.71</b>	0.00	0.00	0.00	CO 18
	2011	6.000	Min V <sub>z</sub>	-0.20	0.00	<b>-7.71</b>	0.00	0.00	0.00	CO 18
		2.604	Max M <sub>T</sub>	-0.29	-0.01	1.00	<b>0.00</b>	11.50	-0.02	CO 18
	2009	0.000	Min M <sub>T</sub>	-0.03	0.00	2.25	<b>0.00</b>	0.00	0.00	CO 9
		3.000	Max M <sub>y</sub>	-0.29	0.00	0.00	0.00	<b>11.70</b>	-0.02	CO 18
	2009	0.000	Min M <sub>y</sub>	-0.20	0.01	7.71	0.00	<b>0.00</b>	0.00	CO 18
		2.106	Max M <sub>z</sub>	-0.04	0.00	0.78	0.00	3.19	<b>0.00</b>	CO 9
		2.340	Min M <sub>z</sub>	0.09	0.01	1.82	0.00	11.14	<b>-0.02</b>	CO 17
2369	2012	0.000	max N	<b>0.15</b>	0.02	6.54	-0.14	0.00	0.00	CO 12
			min N	<b>0.01</b>	0.00	2.25	-0.05	0.00	0.00	CO 1
			max V <sub>y</sub>	0.06	<b>0.03</b>	7.71	-0.21	0.00	0.00	CO 17
			min V <sub>y</sub>	0.11	<b>0.00</b>	2.25	-0.01	0.00	0.00	CO 8
			max V <sub>z</sub>	0.12	0.02	<b>7.71</b>	-0.19	0.00	0.00	CO 18
			min V <sub>z</sub>	0.01	0.00	<b>2.25</b>	-0.05	0.00	0.00	CO 1
			max M <sub>T</sub>	0.02	0.00	2.25	<b>0.04</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.06	0.03	7.71	<b>-0.21</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.15	0.02	6.54	-0.14	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.03	0.00	3.81	-0.01	<b>0.00</b>	0.00	CO 11
			max M <sub>z</sub>	0.06	0.03	7.71	-0.21	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.02	0.00	2.25	0.04	0.00	<b>0.00</b>	CO 9
		2.340	max N	<b>0.10</b>	0.00	0.62	-0.01	3.35	0.00	CO 8
			min N	<b>-0.02</b>	0.01	1.82	-0.21	11.15	-0.03	CO 17
			max V <sub>y</sub>	-0.02	<b>0.01</b>	1.82	-0.21	11.15	-0.03	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	0.10	<b>0.00</b>	0.62	-0.01	3.35	0.00	CO 8
			max V <sub>z</sub>	0.04	0.01	<b>1.82</b>	-0.18	11.15	-0.03	CO 18
			min V <sub>z</sub>	0.00	0.00	<b>0.62</b>	-0.05	3.35	0.00	CO 1
			max M <sub>T</sub>	0.01	0.00	0.62	<b>0.04</b>	3.35	0.00	CO 9
			min M <sub>T</sub>	-0.02	0.01	1.82	<b>-0.21</b>	11.15	-0.03	CO 17
			max M <sub>y</sub>	0.04	0.01	1.82	-0.18	<b>11.15</b>	-0.03	CO 18
			min M <sub>y</sub>	0.00	0.00	0.62	-0.05	<b>3.35</b>	0.00	CO 1
			max M <sub>z</sub>	0.10	0.00	0.62	-0.01	3.35	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.02	0.01	1.82	-0.21	11.15	<b>-0.03</b>	CO 17
			max N	<b>0.10</b>	0.00	0.46	-0.01	3.35	0.00	CO 8
			min N	<b>-0.02</b>	-0.03	1.66	-0.21	11.14	-0.03	CO 17
			max V <sub>y</sub>	0.10	<b>0.00</b>	0.46	-0.01	3.35	0.00	CO 8
			min V <sub>y</sub>	-0.02	<b>-0.03</b>	1.66	-0.21	11.14	-0.03	CO 17
			max V <sub>z</sub>	0.04	-0.03	<b>1.66</b>	-0.18	11.14	-0.03	CO 18
			min V <sub>z</sub>	0.00	-0.01	<b>0.46</b>	-0.05	3.35	0.00	CO 1
			max M <sub>T</sub>	0.01	0.00	0.46	<b>0.04</b>	3.35	0.00	CO 9
			min M <sub>T</sub>	-0.02	-0.03	1.66	<b>-0.21</b>	11.14	-0.03	CO 17
			max M <sub>y</sub>	-0.02	-0.03	1.66	-0.21	<b>11.14</b>	-0.03	CO 17
			min M <sub>y</sub>	0.10	0.00	0.46	-0.01	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.10	0.00	0.46	-0.01	3.35	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.02	-0.03	1.66	-0.21	11.14	<b>-0.03</b>	CO 17
		3.660	max N	<b>0.10</b>	0.00	-0.46	-0.01	3.35	0.00	CO 8
			min N	<b>-0.01</b>	-0.04	-1.66	-0.21	11.14	0.02	CO 17
			max V <sub>y</sub>	0.10	<b>0.00</b>	-0.46	-0.01	3.35	0.00	CO 8
			min V <sub>y</sub>	-0.01	<b>-0.04</b>	-1.66	-0.21	11.14	0.02	CO 17
			max V <sub>z</sub>	0.10	0.00	<b>-0.46</b>	-0.01	3.35	0.00	CO 8
			min V <sub>z</sub>	-0.01	-0.04	<b>-1.66</b>	-0.21	11.14	0.02	CO 17
			max M <sub>T</sub>	0.01	0.00	-0.46	<b>0.04</b>	3.35	0.00	CO 9
			min M <sub>T</sub>	-0.01	-0.04	-1.66	<b>-0.21</b>	11.14	0.02	CO 17
			max M <sub>y</sub>	-0.01	-0.04	-1.66	-0.16	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.00	-0.01	-0.46	-0.05	<b>3.35</b>	0.01	CO 1
			max M <sub>z</sub>	0.05	-0.04	-1.66	-0.18	11.14	<b>0.02</b>	CO 18
			min M <sub>z</sub>	0.01	0.00	-0.46	0.04	3.35	<b>0.00</b>	CO 9
			max N	<b>0.10</b>	0.00	-0.62	-0.01	3.35	0.00	CO 8
			min N	<b>-0.01</b>	0.01	-1.82	-0.21	11.14	0.02	CO 17
			max V <sub>y</sub>	-0.01	<b>0.01</b>	-1.82	-0.21	11.14	0.02	CO 17
			min V <sub>y</sub>	0.01	<b>0.00</b>	-0.62	0.04	3.35	0.00	CO 9
			max V <sub>z</sub>	0.10	0.00	<b>-0.62</b>	-0.01	3.35	0.00	CO 8
			min V <sub>z</sub>	-0.01	0.01	<b>-1.82</b>	-0.21	11.14	0.02	CO 17
			max M <sub>T</sub>	0.01	0.00	-0.62	<b>0.04</b>	3.35	0.00	CO 9
			min M <sub>T</sub>	-0.01	0.01	-1.82	<b>-0.21</b>	11.14	0.02	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-0.01	0.01	-1.82	-0.21	<b>11.14</b>	0.02	CO 17
			min M <sub>y</sub>	0.10	0.00	-0.62	-0.01	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.05	0.01	-1.82	-0.18	11.14	<b>0.02</b>	CO 18
			min M <sub>z</sub>	0.01	0.00	-0.62	0.04	3.35	<b>0.00</b>	CO 9
	2007	6.000	max N	<b>0.16</b>	0.01	-6.53	-0.14	0.00	0.00	CO 12
			min N	<b>0.01</b>	0.00	-2.25	-0.05	0.00	0.00	CO 1
			max V <sub>y</sub>	0.15	<b>0.01</b>	-7.70	-0.19	0.00	0.00	CO 18
			min V <sub>y</sub>	0.02	<b>0.00</b>	-2.25	0.04	0.00	0.00	CO 9
			max V <sub>z</sub>	0.11	0.00	<b>-2.24</b>	-0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	0.08	0.01	<b>-7.70</b>	-0.21	0.00	0.00	CO 17
			max M <sub>T</sub>	0.02	0.00	-2.25	<b>0.04</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.08	0.01	-7.70	<b>-0.21</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.16	0.01	-6.53	-0.14	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.03	0.00	-3.80	-0.01	<b>0.00</b>	0.00	CO 11
			max M <sub>z</sub>	0.02	0.00	-2.25	0.04	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.08	0.01	-7.70	-0.21	0.00	<b>0.00</b>	CO 17
	2007	6.000	Max N	<b>0.16</b>	0.01	-6.53	-0.14	0.00	0.00	CO 12
		2.868	Min N	<b>-0.02</b>	-0.04	0.33	-0.21	11.67	-0.01	CO 17
	2012	0.000	Max V <sub>y</sub>	0.06	<b>0.03</b>	7.71	-0.21	0.00	0.00	CO 17
		3.660	Min V <sub>y</sub>	-0.01	<b>-0.04</b>	-1.66	-0.21	11.14	0.02	CO 17
	2012	0.000	Max V <sub>z</sub>	0.12	0.02	<b>7.71</b>	-0.19	0.00	0.00	CO 18
	2007	6.000	Min V <sub>z</sub>	0.08	0.01	<b>-7.70</b>	-0.21	0.00	0.00	CO 17
	2007	6.000	Max M <sub>T</sub>	0.02	0.00	-2.25	<b>0.04</b>	0.00	0.00	CO 9
	2012	0.000	Min M <sub>T</sub>	0.06	0.03	7.71	<b>-0.21</b>	0.00	0.00	CO 17
		2.868	Max M <sub>y</sub>	-0.02	-0.04	0.33	-0.21	<b>11.67</b>	-0.01	CO 17
	2012	0.000	Min M <sub>y</sub>	0.03	0.00	3.81	-0.01	<b>0.00</b>	0.00	CO 11
		3.660	Max M <sub>z</sub>	0.05	-0.04	-1.66	-0.18	11.14	<b>0.02</b>	CO 18
		2.340	Min M <sub>z</sub>	-0.02	-0.03	1.66	-0.21	11.14	<b>-0.03</b>	CO 17
2370	2013	0.000	max N	<b>0.10</b>	-0.03	7.70	0.21	0.00	0.00	CO 17
			min N	<b>-0.06</b>	0.00	2.24	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	-0.06	<b>0.00</b>	2.24	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	0.10	<b>-0.03</b>	7.70	0.21	0.00	0.00	CO 17
			max V <sub>z</sub>	0.09	-0.02	<b>7.70</b>	0.16	0.00	0.00	CO 19
			min V <sub>z</sub>	-0.06	0.00	<b>2.24</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.10	-0.03	7.70	<b>0.21</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.03	0.00	2.25	<b>-0.04</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.01	0.00	3.81	0.01	<b>0.00</b>	0.00	CO 11
			min M <sub>y</sub>	0.01	-0.02	6.53	0.13	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-0.03	0.00	2.25	-0.04	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.10	-0.03	7.70	0.21	0.00	<b>0.00</b>	CO 17
		2.340	max N	<b>0.03</b>	0.00	1.48	0.16	8.92	0.02	CO 16

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-0.07</b>	0.00	0.96	0.06	5.57	0.01	CO 10
			max V <sub>y</sub>	-0.07	<b>0.00</b>	0.62	0.01	3.35	0.00	CO 8
			min V <sub>y</sub>	0.03	<b>-0.01</b>	1.82	0.21	11.14	0.03	CO 17
			max V <sub>z</sub>	0.03	-0.01	<b>1.82</b>	0.21	11.14	0.03	CO 17
			min V <sub>z</sub>	-0.07	0.00	<b>0.62</b>	0.01	3.35	0.00	CO 8
			max M <sub>T</sub>	0.03	-0.01	1.82	<b>0.21</b>	11.14	0.03	CO 17
			min M <sub>T</sub>	-0.03	0.00	0.62	<b>-0.04</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	0.01	-0.01	1.82	0.16	<b>11.14</b>	0.03	CO 19
			min M <sub>y</sub>	-0.07	0.00	0.62	0.01	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.03	-0.01	1.82	0.21	11.14	<b>0.03</b>	CO 17
			min M <sub>z</sub>	-0.07	0.00	0.62	0.01	3.35	<b>0.00</b>	CO 8
			max N	<b>0.03</b>	0.02	1.32	0.16	8.92	0.02	CO 16
			min N	<b>-0.07</b>	0.01	0.80	0.06	5.58	0.01	CO 10
			max V <sub>y</sub>	0.02	<b>0.03</b>	1.66	0.21	11.14	0.03	CO 17
			min V <sub>y</sub>	-0.07	<b>0.00</b>	0.46	0.01	3.35	0.00	CO 8
			max V <sub>z</sub>	0.02	0.03	<b>1.66</b>	0.21	11.14	0.03	CO 17
			min V <sub>z</sub>	-0.07	0.00	<b>0.46</b>	0.01	3.35	0.00	CO 8
			max M <sub>T</sub>	0.02	0.03	1.66	<b>0.21</b>	11.14	0.03	CO 17
			min M <sub>T</sub>	-0.03	0.00	0.46	<b>-0.04</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	-0.01	0.03	1.66	0.19	<b>11.14</b>	0.03	CO 18
			min M <sub>y</sub>	0.00	0.01	0.46	0.05	<b>3.35</b>	0.00	CO 1
			max M <sub>z</sub>	0.02	0.03	1.66	0.21	11.14	<b>0.03</b>	CO 17
			min M <sub>z</sub>	-0.07	0.00	0.46	0.01	3.35	<b>0.00</b>	CO 8
		3.660	max N	<b>0.03</b>	0.04	-1.66	0.21	11.14	-0.02	CO 17
			min N	<b>-0.07</b>	0.01	-0.80	0.06	5.58	-0.01	CO 10
			max V <sub>y</sub>	0.03	<b>0.04</b>	-1.66	0.21	11.14	-0.02	CO 17
			min V <sub>y</sub>	-0.07	<b>0.00</b>	-0.46	0.01	3.35	0.00	CO 8
			max V <sub>z</sub>	0.00	0.01	<b>-0.46</b>	0.05	3.35	-0.01	CO 1
			min V <sub>z</sub>	-0.01	0.04	<b>-1.66</b>	0.19	11.14	-0.02	CO 18
			max M <sub>T</sub>	0.03	0.04	-1.66	<b>0.21</b>	11.14	-0.02	CO 17
			min M <sub>T</sub>	-0.03	0.00	-0.46	<b>-0.04</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	0.01	0.04	-1.66	0.16	<b>11.14</b>	-0.02	CO 19
			min M <sub>y</sub>	-0.07	0.00	-0.46	0.01	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	-0.03	0.00	-0.46	-0.04	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.01	0.04	-1.66	0.19	11.14	<b>-0.02</b>	CO 18
			max N	<b>0.03</b>	-0.01	-1.82	0.21	11.15	-0.02	CO 17
			min N	<b>-0.07</b>	-0.01	-0.96	0.06	5.58	-0.01	CO 10
			max V <sub>y</sub>	-0.03	<b>0.00</b>	-0.62	-0.04	3.35	0.00	CO 9
			min V <sub>y</sub>	0.03	<b>-0.01</b>	-1.82	0.21	11.15	-0.02	CO 17
			max V <sub>z</sub>	0.00	0.00	<b>-0.62</b>	0.05	3.35	-0.01	CO 1
			min V <sub>z</sub>	-0.01	-0.01	<b>-1.82</b>	0.19	11.15	-0.02	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	0.03	-0.01	-1.82	<b>0.21</b>	11.15	-0.02	CO 17
			min M <sub>T</sub>	-0.03	0.00	-0.62	<b>-0.04</b>	3.35	0.00	CO 9
			max M <sub>y</sub>	-0.01	-0.01	-1.82	0.19	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.00	0.00	-0.62	0.05	<b>3.35</b>	-0.01	CO 1
			max M <sub>z</sub>	-0.03	0.00	-0.62	-0.04	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.01	-0.01	-1.82	0.19	11.15	<b>-0.02</b>	CO 18
	2006	6.000	max N	<b>0.13</b>	-0.01	-7.71	0.21	0.00	0.00	CO 17
			min N	<b>-0.06</b>	0.00	-2.25	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	-0.03	<b>0.00</b>	-2.25	-0.04	0.00	0.00	CO 9
			min V <sub>y</sub>	0.13	<b>-0.01</b>	-7.71	0.21	0.00	0.00	CO 17
			max V <sub>z</sub>	0.01	0.00	<b>-2.25</b>	0.05	0.00	0.00	CO 1
			min V <sub>z</sub>	0.09	-0.01	<b>-7.71</b>	0.18	0.00	0.00	CO 18
			max M <sub>T</sub>	0.13	-0.01	-7.71	<b>0.21</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.03	0.00	-2.25	<b>-0.04</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.03	0.00	-4.98	0.04	<b>0.00</b>	0.00	CO 15
			min M <sub>y</sub>	0.03	-0.01	-6.54	0.13	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.13	-0.01	-7.71	0.21	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-0.03	0.00	-2.25	-0.04	0.00	<b>0.00</b>	CO 9
	2006	6.000	Max N	<b>0.13</b>	-0.01	-7.71	0.21	0.00	0.00	CO 17
		2.868	Min N	<b>-0.07</b>	0.01	0.16	0.06	5.83	0.00	CO 10
		3.660	Max V <sub>y</sub>	0.03	<b>0.04</b>	-1.66	0.21	11.14	-0.02	CO 17
	2013	0.000	Min V <sub>y</sub>	0.10	<b>-0.03</b>	7.70	0.21	0.00	0.00	CO 17
	2013	0.000	Max V <sub>z</sub>	0.09	-0.02	<b>7.70</b>	0.16	0.00	0.00	CO 19
	2006	6.000	Min V <sub>z</sub>	0.09	-0.01	<b>-7.71</b>	0.18	0.00	0.00	CO 18
		2.868	Max M <sub>T</sub>	0.02	0.04	0.33	<b>0.21</b>	11.67	0.01	CO 17
		3.132	Min M <sub>T</sub>	-0.03	0.00	-0.09	<b>-0.04</b>	3.50	0.00	CO 9
		2.868	Max M <sub>y</sub>	-0.02	0.03	0.33	0.19	<b>11.67</b>	0.01	CO 18
	2013	0.000	Min M <sub>y</sub>	0.01	-0.02	6.53	0.13	<b>0.00</b>	0.00	CO 12
		2.340	Max M <sub>z</sub>	0.02	0.03	1.66	0.21	11.14	<b>0.03</b>	CO 17
		3.660	Min M <sub>z</sub>	-0.01	0.04	-1.66	0.19	11.14	<b>-0.02</b>	CO 18
2371	2014	0.000	max N	<b>0.34</b>	0.00	6.53	0.01	0.00	0.00	CO 12
			min N	<b>0.00</b>	0.00	2.25	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.32	<b>0.00</b>	2.24	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	0.03	<b>0.00</b>	6.54	0.00	0.00	0.00	CO 7
			max V <sub>z</sub>	0.05	0.00	<b>7.71</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	0.32	0.00	<b>2.24</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.34	0.00	6.53	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	2.25	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.34	0.00	6.53	0.01	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.01	0.00	2.25	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.00	0.00	2.25	0.00	0.00	<b>0.00</b>	CO 1



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	0.34	0.00	6.53	0.01	0.00	<b>0.00</b>	CO 12
		2.340	max N	<b>0.31</b>	0.00	0.62	0.00	3.35	0.00	CO 8
			min N	<b>-0.04</b>	-0.01	1.82	0.00	11.14	0.02	CO 17
			max V <sub>y</sub>	0.31	<b>0.00</b>	0.62	0.00	3.35	0.00	CO 8
			min V <sub>y</sub>	-0.04	<b>-0.01</b>	1.82	0.00	11.14	0.02	CO 17
			max V <sub>z</sub>	-0.04	-0.01	<b>1.82</b>	0.00	11.14	0.02	CO 17
			min V <sub>z</sub>	0.31	0.00	<b>0.62</b>	0.00	3.35	0.00	CO 8
			max M <sub>T</sub>	0.28	-0.01	1.56	<b>0.01</b>	9.47	0.01	CO 12
			min M <sub>T</sub>	0.00	0.00	0.62	<b>0.00</b>	3.35	0.00	CO 1
			max M <sub>y</sub>	-0.04	-0.01	1.82	0.00	<b>11.14</b>	0.02	CO 17
			min M <sub>y</sub>	0.31	0.00	0.62	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	-0.04	-0.01	1.82	0.00	11.14	<b>0.02</b>	CO 17
			min M <sub>z</sub>	0.31	0.00	0.62	0.00	3.35	<b>0.00</b>	CO 8
			max N	<b>0.31</b>	0.00	0.46	0.00	3.35	0.00	CO 8
			min N	<b>-0.04</b>	0.00	1.66	0.00	11.14	0.02	CO 17
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.46	0.00	3.35	0.00	CO 1
			min V <sub>y</sub>	0.28	<b>-0.01</b>	1.40	0.01	9.47	0.01	CO 12
			max V <sub>z</sub>	-0.04	0.00	<b>1.66</b>	0.00	11.14	0.02	CO 17
			min V <sub>z</sub>	0.31	0.00	<b>0.46</b>	0.00	3.35	0.00	CO 8
			max M <sub>T</sub>	0.28	-0.01	1.40	<b>0.01</b>	9.47	0.01	CO 12
			min M <sub>T</sub>	-0.01	0.00	0.46	<b>0.00</b>	3.35	0.00	CO 1
			max M <sub>y</sub>	-0.03	0.00	1.66	0.00	<b>11.14</b>	0.01	CO 19
			min M <sub>y</sub>	0.31	0.00	0.46	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	-0.04	0.00	1.66	0.00	11.14	<b>0.02</b>	CO 17
			min M <sub>z</sub>	0.31	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 8
		3.660	max N	<b>0.31</b>	0.00	-0.46	0.00	3.35	0.00	CO 8
			min N	<b>-0.04</b>	-0.01	-1.66	0.00	11.14	0.02	CO 17
			max V <sub>y</sub>	-0.01	<b>0.00</b>	-0.46	0.00	3.35	0.00	CO 1
			min V <sub>y</sub>	0.28	<b>-0.01</b>	-1.40	0.01	9.47	0.02	CO 12
			max V <sub>z</sub>	-0.01	0.00	<b>-0.46</b>	0.00	3.35	0.00	CO 1
			min V <sub>z</sub>	-0.03	-0.01	<b>-1.66</b>	0.00	11.14	0.02	CO 19
			max M <sub>T</sub>	0.28	-0.01	-1.40	<b>0.01</b>	9.47	0.02	CO 12
			min M <sub>T</sub>	-0.01	0.00	-0.46	<b>0.00</b>	3.35	0.00	CO 1
			max M <sub>y</sub>	-0.04	-0.01	-1.66	0.00	<b>11.14</b>	0.02	CO 17
			min M <sub>y</sub>	0.31	0.00	-0.46	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.15	-0.01	-1.66	0.00	11.14	<b>0.02</b>	CO 18
			min M <sub>z</sub>	0.00	0.00	-0.46	0.00	3.35	<b>0.00</b>	CO 9
			max N	<b>0.31</b>	0.00	-0.62	0.00	3.35	0.00	CO 8
			min N	<b>-0.04</b>	0.01	-1.82	0.00	11.14	0.02	CO 17
			max V <sub>y</sub>	-0.04	<b>0.01</b>	-1.82	0.00	11.14	0.02	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.62	0.00	3.35	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	0.31	0.00	<b>-0.62</b>	0.00	3.35	0.00	CO 8
			min V <sub>z</sub>	-0.03	0.01	<b>-1.82</b>	0.00	11.14	0.02	CO 19
			max M <sub>T</sub>	0.28	0.01	-1.56	<b>0.01</b>	9.47	0.02	CO 12
			min M <sub>T</sub>	0.00	0.00	-0.62	<b>0.00</b>	3.35	0.00	CO 1
			max M <sub>y</sub>	-0.03	0.01	-1.82	0.00	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.31	0.00	-0.62	0.00	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	0.15	0.01	-1.82	0.00	11.14	<b>0.02</b>	CO 18
			min M <sub>z</sub>	0.00	0.00	-0.62	0.00	3.35	<b>0.00</b>	CO 9
	2016	6.000	max N	<b>0.34</b>	0.01	-6.53	0.01	0.00	0.00	CO 12
			min N	<b>0.00</b>	0.00	-2.25	0.00	0.00	0.00	CO 1
			max V <sub>y</sub>	0.34	<b>0.01</b>	-6.53	0.01	0.00	0.00	CO 12
			min V <sub>y</sub>	0.01	<b>0.00</b>	-2.25	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	0.32	0.00	<b>-2.24</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	0.05	0.01	<b>-7.71</b>	0.00	0.00	0.00	CO 19
			max M <sub>T</sub>	0.34	0.01	-6.53	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	-2.25	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.32	0.00	-2.24	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.04	0.00	-6.54	0.00	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	0.34	0.01	-6.53	0.01	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.00	0.00	-2.25	0.00	0.00	<b>0.00</b>	CO 1
	2014	0.000	Max N	<b>0.34</b>	0.00	6.53	0.01	0.00	0.00	CO 12
		3.132	Min N	<b>-0.04</b>	0.00	-0.33	0.00	11.67	0.02	CO 17
		3.660	Max V <sub>y</sub>	-0.04	<b>0.01</b>	-1.82	0.00	11.14	0.02	CO 17
		2.340	Min V <sub>y</sub>	-0.04	<b>-0.01</b>	1.82	0.00	11.14	0.02	CO 17
	2014	0.000	Max V <sub>z</sub>	0.05	0.00	<b>7.71</b>	0.00	0.00	0.00	CO 17
	2016	6.000	Min V <sub>z</sub>	0.05	0.01	<b>-7.71</b>	0.00	0.00	0.00	CO 19
	2014	0.000	Max M <sub>T</sub>	0.34	0.00	6.53	<b>0.01</b>	0.00	0.00	CO 12
		1.404	Min M <sub>T</sub>	0.00	0.00	1.27	<b>0.00</b>	2.47	0.00	CO 1
		2.868	Max M <sub>y</sub>	-0.04	0.00	0.33	0.00	<b>11.67</b>	0.02	CO 19
	2016	6.000	Min M <sub>y</sub>	0.04	0.00	-6.54	0.00	<b>0.00</b>	0.00	CO 13
		3.660	Max M <sub>z</sub>	0.15	-0.01	-1.66	0.00	11.14	<b>0.02</b>	CO 18
		2.340	Min M <sub>z</sub>	0.31	0.00	0.62	0.00	3.35	<b>0.00</b>	CO 8
2372	2015	0.000	max N	<b>0.18</b>	0.00	7.70	0.00	0.00	0.00	CO 19
			min N	<b>-0.48</b>	0.00	2.25	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	0.13	<b>0.00</b>	6.54	0.00	0.00	0.00	CO 7
			min V <sub>y</sub>	-0.48	<b>0.00</b>	2.25	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.12	0.00	<b>7.71</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	0.02	0.00	<b>2.25</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	0.02	0.00	2.25	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-0.36	0.00	6.54	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.18	0.00	7.70	0.00	<b>0.00</b>	0.00	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-0.41	0.00	4.98	0.00	<b>0.00</b>	0.00	CO 14
			max M <sub>z</sub>	-0.12	0.00	7.71	0.00	0.00	<b>0.00</b>	CO 18
			min M <sub>z</sub>	0.02	0.00	2.25	0.00	0.00	<b>0.00</b>	CO 1
		2.340	max N	<b>0.10</b>	0.01	1.82	0.00	11.14	-0.01	CO 19
			min N	<b>-0.48</b>	0.00	0.62	0.00	3.35	0.00	CO 8
			max V <sub>y</sub>	0.09	<b>0.01</b>	1.82	0.00	11.14	-0.02	CO 17
			min V <sub>y</sub>	-0.48	<b>0.00</b>	0.62	0.00	3.35	0.00	CO 8
			max V <sub>z</sub>	-0.21	0.01	<b>1.82</b>	0.00	11.15	-0.01	CO 18
			min V <sub>z</sub>	0.01	0.00	<b>0.62</b>	0.00	3.35	0.00	CO 1
			max M <sub>T</sub>	0.01	0.00	0.62	<b>0.00</b>	3.35	0.00	CO 1
			min M <sub>T</sub>	-0.43	0.01	1.56	<b>-0.01</b>	9.48	-0.01	CO 12
			max M <sub>y</sub>	-0.21	0.01	1.82	0.00	<b>11.15</b>	-0.01	CO 18
			min M <sub>y</sub>	0.01	0.00	0.62	0.00	<b>3.35</b>	0.00	CO 1
			max M <sub>z</sub>	-0.48	0.00	0.62	0.00	3.35	<b>0.00</b>	CO 8
			min M <sub>z</sub>	0.09	0.01	1.82	0.00	11.14	<b>-0.02</b>	CO 17
			max N	<b>0.09</b>	0.00	1.66	0.00	11.14	-0.01	CO 19
			min N	<b>-0.48</b>	0.00	0.46	0.00	3.35	0.00	CO 8
			max V <sub>y</sub>	-0.43	<b>0.01</b>	1.40	-0.01	9.48	-0.01	CO 12
			min V <sub>y</sub>	0.01	<b>0.00</b>	0.46	0.00	3.35	0.00	CO 1
			max V <sub>z</sub>	-0.21	0.00	<b>1.66</b>	0.00	11.15	-0.01	CO 18
			min V <sub>z</sub>	0.01	0.00	<b>0.46</b>	0.00	3.35	0.00	CO 1
			max M <sub>T</sub>	0.01	0.00	0.46	<b>0.00</b>	3.35	0.00	CO 1
			min M <sub>T</sub>	-0.43	0.01	1.40	<b>-0.01</b>	9.48	-0.01	CO 12
			max M <sub>y</sub>	-0.21	0.00	1.66	0.00	<b>11.15</b>	-0.01	CO 18
			min M <sub>y</sub>	0.02	0.00	0.46	0.00	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	-0.48	0.00	0.46	0.00	3.35	<b>0.00</b>	CO 8
			min M <sub>z</sub>	0.09	0.00	1.66	0.00	11.14	<b>-0.02</b>	CO 17
		3.660	max N	<b>0.09</b>	0.01	-1.66	0.00	11.14	-0.02	CO 19
			min N	<b>-0.48</b>	0.00	-0.46	0.00	3.35	0.00	CO 8
			max V <sub>y</sub>	-0.43	<b>0.01</b>	-1.40	-0.01	9.48	-0.02	CO 12
			min V <sub>y</sub>	0.01	<b>0.00</b>	-0.46	0.00	3.35	0.00	CO 1
			max V <sub>z</sub>	0.02	0.00	<b>-0.46</b>	0.00	3.35	0.00	CO 9
			min V <sub>z</sub>	-0.21	0.01	<b>-1.66</b>	0.00	11.15	-0.02	CO 18
			max M <sub>T</sub>	0.01	0.00	-0.46	<b>0.00</b>	3.35	0.00	CO 1
			min M <sub>T</sub>	-0.43	0.01	-1.40	<b>-0.01</b>	9.48	-0.02	CO 12
			max M <sub>y</sub>	-0.21	0.01	-1.66	0.00	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.02	0.00	-0.46	0.00	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	0.02	0.00	-0.46	0.00	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.09	0.01	-1.66	0.00	11.14	<b>-0.02</b>	CO 17
			max N	<b>0.10</b>	-0.01	-1.82	0.00	11.14	-0.02	CO 19
			min N	<b>-0.48</b>	0.00	-0.62	0.00	3.35	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	0.02	<b>0.00</b>	-0.62	0.00	3.35	0.00	CO 9
			min V <sub>y</sub>	0.09	<b>-0.01</b>	-1.82	0.00	11.14	-0.02	CO 17
			max V <sub>z</sub>	0.02	0.00	<b>-0.62</b>	0.00	3.35	0.00	CO 9
			min V <sub>z</sub>	-0.21	-0.01	<b>-1.82</b>	0.00	11.15	-0.02	CO 18
			max M <sub>T</sub>	0.01	0.00	-0.62	<b>0.00</b>	3.35	0.00	CO 1
			min M <sub>T</sub>	-0.43	-0.01	-1.56	<b>-0.01</b>	9.48	-0.02	CO 12
			max M <sub>y</sub>	-0.21	-0.01	-1.82	0.00	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.02	0.00	-0.62	0.00	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	0.02	0.00	-0.62	0.00	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.09	-0.01	-1.82	0.00	11.14	<b>-0.02</b>	CO 17
	2017	6.000	max N	<b>0.18</b>	0.00	-7.70	0.00	0.00	0.00	CO 19
			min N	<b>-0.48</b>	0.00	-2.25	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	0.03	<b>0.00</b>	-2.25	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	0.13	<b>-0.01</b>	-6.54	0.00	0.00	0.00	CO 7
			max V <sub>z</sub>	0.03	0.00	<b>-2.25</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-0.12	-0.01	<b>-7.71</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	0.02	0.00	-2.25	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-0.36	-0.01	-6.54	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.03	0.00	-2.25	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-0.36	-0.01	-6.54	0.00	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.02	0.00	-2.25	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-0.12	-0.01	-7.71	0.00	0.00	<b>0.00</b>	CO 18
	2015	0.000	Max N	<b>0.18</b>	0.00	7.70	0.00	0.00	0.00	CO 19
		3.000	Min N	<b>-0.48</b>	0.00	0.00	0.00	3.50	0.00	CO 8
		2.340	Max V <sub>y</sub>	0.09	<b>0.01</b>	1.82	0.00	11.14	-0.02	CO 17
		3.660	Min V <sub>y</sub>	0.09	<b>-0.01</b>	-1.82	0.00	11.14	-0.02	CO 17
	2015	0.000	Max V <sub>z</sub>	-0.12	0.00	<b>7.71</b>	0.00	0.00	0.00	CO 18
	2017	6.000	Min V <sub>z</sub>	-0.12	-0.01	<b>-7.71</b>	0.00	0.00	0.00	CO 18
		1.404	Max M <sub>T</sub>	0.01	0.00	1.27	<b>0.00</b>	2.47	0.00	CO 1
		3.660	Min M <sub>T</sub>	-0.43	-0.01	-1.56	<b>-0.01</b>	9.48	-0.02	CO 12
		3.000	Max M <sub>y</sub>	-0.22	0.01	0.00	0.00	<b>11.70</b>	-0.02	CO 18
	2017	6.000	Min M <sub>y</sub>	-0.36	-0.01	-6.54	0.00	<b>0.00</b>	0.00	CO 12
		2.340	Max M <sub>z</sub>	-0.48	0.00	0.62	0.00	3.35	<b>0.00</b>	CO 8
		3.660	Min M <sub>z</sub>	0.09	-0.01	-1.82	0.00	11.14	<b>-0.02</b>	CO 17
2373	2018	0.000	max N	<b>0.38</b>	0.00	2.24	0.02	0.00	0.00	CO 8
			min N	<b>-0.02</b>	0.00	6.15	0.03	0.00	0.00	CO 16
			max V <sub>y</sub>	0.00	<b>0.00</b>	2.25	0.02	0.00	0.00	CO 9
			min V <sub>y</sub>	0.38	<b>-0.01</b>	6.53	0.04	0.00	0.00	CO 12
			max V <sub>z</sub>	0.00	0.00	<b>7.71</b>	0.04	0.00	0.00	CO 19
			min V <sub>z</sub>	0.38	0.00	<b>2.24</b>	0.02	0.00	0.00	CO 8
			max M <sub>T</sub>	0.23	-0.01	7.70	<b>0.04</b>	0.00	0.00	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-0.01	0.00	2.25	<b>0.01</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.38	-0.01	6.53	0.04	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.00	0.00	2.25	0.02	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-0.01	0.00	2.25	0.01	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.23	-0.01	7.70	0.04	0.00	<b>0.00</b>	CO 18
		2.340	max N	<b>0.38</b>	0.00	0.62	0.02	3.35	0.00	CO 8
			min N	<b>-0.09</b>	-0.01	1.82	0.04	11.15	0.02	CO 17
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.62	0.02	3.35	0.00	CO 9
			min V <sub>y</sub>	-0.09	<b>-0.01</b>	1.82	0.04	11.15	0.02	CO 17
			max V <sub>z</sub>	-0.09	-0.01	<b>1.82</b>	0.04	11.15	0.02	CO 19
			min V <sub>z</sub>	0.38	0.00	<b>0.62</b>	0.02	3.35	0.00	CO 8
			max M <sub>T</sub>	-0.09	-0.01	1.82	<b>0.04</b>	11.15	0.02	CO 19
			min M <sub>T</sub>	-0.01	0.00	0.62	<b>0.01</b>	3.35	0.00	CO 1
			max M <sub>y</sub>	-0.09	-0.01	1.82	0.04	<b>11.15</b>	0.02	CO 19
			min M <sub>y</sub>	0.38	0.00	0.62	0.02	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	-0.09	-0.01	1.82	0.04	11.15	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-0.01	0.00	0.62	0.02	3.35	<b>0.00</b>	CO 9
			max N	<b>0.38</b>	0.00	0.46	0.02	3.35	0.00	CO 8
			min N	<b>-0.09</b>	-0.01	1.66	0.04	11.14	0.02	CO 17
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.46	0.01	3.35	0.00	CO 1
			min V <sub>y</sub>	0.31	<b>-0.01</b>	1.40	0.03	9.47	0.02	CO 12
			max V <sub>z</sub>	-0.09	-0.01	<b>1.66</b>	0.04	11.14	0.02	CO 19
			min V <sub>z</sub>	0.38	0.00	<b>0.46</b>	0.02	3.35	0.00	CO 8
			max M <sub>T</sub>	-0.09	-0.01	1.66	<b>0.04</b>	11.14	0.02	CO 19
			min M <sub>T</sub>	-0.01	0.00	0.46	<b>0.01</b>	3.35	0.00	CO 1
			max M <sub>y</sub>	-0.09	-0.01	1.66	0.04	<b>11.14</b>	0.02	CO 17
			min M <sub>y</sub>	0.38	0.00	0.46	0.02	<b>3.35</b>	0.00	CO 8
			max M <sub>z</sub>	-0.09	-0.01	1.66	0.04	11.14	<b>0.02</b>	CO 17
			min M <sub>z</sub>	-0.01	0.00	0.46	0.02	3.35	<b>0.00</b>	CO 9
		3.660	max N	<b>0.38</b>	0.00	-0.46	0.02	3.35	0.01	CO 8
			min N	<b>-0.09</b>	-0.01	-1.66	0.04	11.14	0.03	CO 17
			max V <sub>y</sub>	-0.01	<b>0.00</b>	-0.46	0.02	3.35	0.00	CO 9
			min V <sub>y</sub>	0.14	<b>-0.01</b>	-1.66	0.04	11.14	0.03	CO 18
			max V <sub>z</sub>	-0.01	0.00	<b>-0.46</b>	0.02	3.35	0.00	CO 9
			min V <sub>z</sub>	-0.09	-0.01	<b>-1.66</b>	0.04	11.14	0.03	CO 17
			max M <sub>T</sub>	-0.09	-0.01	-1.66	<b>0.04</b>	11.14	0.02	CO 19
			min M <sub>T</sub>	-0.01	0.00	-0.46	<b>0.01</b>	3.35	0.01	CO 1
			max M <sub>y</sub>	-0.09	-0.01	-1.66	0.04	<b>11.14</b>	0.02	CO 19
			min M <sub>y</sub>	0.38	0.00	-0.46	0.02	<b>3.35</b>	0.01	CO 8
			max M <sub>z</sub>	0.14	-0.01	-1.66	0.04	11.14	<b>0.03</b>	CO 18
			min M <sub>z</sub>	-0.01	0.00	-0.46	0.02	3.35	<b>0.00</b>	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max N	<b>0.38</b>	0.00	-0.62	0.02	3.35	0.01	CO 8
			min N	<b>-0.09</b>	0.02	-1.82	0.04	11.15	0.03	CO 17
			max V <sub>y</sub>	-0.09	<b>0.02</b>	-1.82	0.04	11.15	0.03	CO 17
			min V <sub>y</sub>	-0.01	<b>0.00</b>	-0.62	0.02	3.35	0.00	CO 9
			max V <sub>z</sub>	-0.01	0.00	<b>-0.62</b>	0.01	3.35	0.01	CO 1
			min V <sub>z</sub>	-0.09	0.01	<b>-1.82</b>	0.04	11.15	0.03	CO 19
			max M <sub>T</sub>	-0.09	0.01	-1.82	<b>0.04</b>	11.15	0.03	CO 19
			min M <sub>T</sub>	-0.01	0.00	-0.62	<b>0.01</b>	3.35	0.01	CO 1
			max M <sub>y</sub>	-0.09	0.01	-1.82	0.04	<b>11.15</b>	0.03	CO 19
			min M <sub>y</sub>	-0.01	0.00	-0.62	0.01	<b>3.35</b>	0.01	CO 1
			max M <sub>z</sub>	0.14	0.02	-1.82	0.04	11.14	<b>0.03</b>	CO 18
			min M <sub>z</sub>	-0.01	0.00	-0.62	0.02	3.35	<b>0.00</b>	CO 9
	2020	6.000	max N	<b>0.38</b>	0.00	-2.25	0.02	0.00	0.00	CO 8
			min N	<b>-0.02</b>	0.01	-6.15	0.03	0.00	0.00	CO 16
			max V <sub>y</sub>	0.38	<b>0.01</b>	-6.53	0.04	0.00	0.00	CO 12
			min V <sub>y</sub>	0.00	<b>0.00</b>	-2.25	0.02	0.00	0.00	CO 9
			max V <sub>z</sub>	0.38	0.00	<b>-2.25</b>	0.02	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.01	0.01	<b>-7.71</b>	0.04	0.00	0.00	CO 19
			max M <sub>T</sub>	0.23	0.01	-7.70	<b>0.04</b>	0.00	0.00	CO 18
			min M <sub>T</sub>	-0.01	0.00	-2.25	<b>0.01</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.38	0.01	-6.53	0.04	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-0.01	0.01	-7.71	0.04	<b>0.00</b>	0.00	CO 19
			max M <sub>z</sub>	0.23	0.01	-7.70	0.04	0.00	<b>0.00</b>	CO 18
			min M <sub>z</sub>	-0.01	0.00	-2.25	0.01	0.00	<b>0.00</b>	CO 1
	2018	0.000	Max N	<b>0.38</b>	0.00	2.24	0.02	0.00	0.00	CO 8
		3.132	Min N	<b>-0.10</b>	-0.01	-0.33	0.04	11.67	0.02	CO 17
		3.660	Max V <sub>y</sub>	-0.09	<b>0.02</b>	-1.82	0.04	11.15	0.03	CO 17
		2.340	Min V <sub>y</sub>	-0.09	<b>-0.01</b>	1.82	0.04	11.15	0.02	CO 17
	2018	0.000	Max V <sub>z</sub>	0.00	0.00	<b>7.71</b>	0.04	0.00	0.00	CO 19
	2020	6.000	Min V <sub>z</sub>	-0.01	0.01	<b>-7.71</b>	0.04	0.00	0.00	CO 19
	2020	6.000	Max M <sub>T</sub>	0.23	0.01	-7.70	<b>0.04</b>	0.00	0.00	CO 18
		1.404	Min M <sub>T</sub>	-0.01	0.00	1.27	<b>0.01</b>	2.47	0.00	CO 1
		3.000	Max M <sub>y</sub>	-0.10	-0.01	0.00	0.04	<b>11.69</b>	0.02	CO 19
	2020	6.000	Min M <sub>y</sub>	-0.01	0.01	-7.71	0.04	<b>0.00</b>	0.00	CO 19
		3.660	Max M <sub>z</sub>	0.14	0.02	-1.82	0.04	11.14	<b>0.03</b>	CO 18
	2018	0.000	Min M <sub>z</sub>	0.23	-0.01	7.70	0.04	0.00	<b>0.00</b>	CO 18
2374	2019	0.000	max N	<b>0.25</b>	0.00	7.70	-0.04	0.00	0.00	CO 19
			min N	<b>-0.50</b>	0.00	2.25	-0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	0.16	<b>0.00</b>	6.14	-0.03	0.00	0.00	CO 16
			min V <sub>y</sub>	0.07	<b>0.00</b>	2.25	-0.02	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.09	0.00	<b>7.71</b>	-0.04	0.00	0.00	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	0.07	0.00	<b>2.25</b>	-0.02	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.50	0.00	2.25	<b>-0.01</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	0.25	0.00	7.70	<b>-0.04</b>	0.00	0.00	CO 19
			max M <sub>y</sub>	0.25	0.00	7.70	-0.04	<b>0.00</b>	0.00	CO 19
			min M <sub>y</sub>	-0.35	0.00	6.54	-0.03	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.25	0.00	7.70	-0.04	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	-0.50	0.00	2.25	-0.01	0.00	<b>0.00</b>	CO 8
		2.340	max N	<b>0.16</b>	0.01	1.82	-0.04	11.14	-0.01	CO 19
			min N	<b>-0.51</b>	0.00	0.62	-0.01	3.36	0.00	CO 8
			max V <sub>y</sub>	0.14	<b>0.01</b>	1.82	-0.04	11.14	-0.02	CO 17
			min V <sub>y</sub>	0.06	<b>0.00</b>	0.62	-0.02	3.35	0.00	CO 9
			max V <sub>z</sub>	-0.18	0.01	<b>1.82</b>	-0.04	11.15	-0.02	CO 18
			min V <sub>z</sub>	0.06	0.00	<b>0.62</b>	-0.02	3.35	0.00	CO 9
			max M <sub>T</sub>	-0.51	0.00	0.62	<b>-0.01</b>	3.36	0.00	CO 8
			min M <sub>T</sub>	-0.18	0.01	1.82	<b>-0.04</b>	11.15	-0.02	CO 18
			max M <sub>y</sub>	-0.18	0.01	1.82	-0.04	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.06	0.00	0.62	-0.02	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	0.06	0.00	0.62	-0.02	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.14	0.01	1.82	-0.04	11.14	<b>-0.02</b>	CO 17
			max N	<b>0.16</b>	0.01	1.66	-0.04	11.14	-0.01	CO 19
			min N	<b>-0.51</b>	0.00	0.46	-0.01	3.35	0.00	CO 8
			max V <sub>y</sub>	-0.18	<b>0.01</b>	1.66	-0.04	11.15	-0.02	CO 18
			min V <sub>y</sub>	0.02	<b>0.00</b>	0.46	-0.01	3.35	0.00	CO 1
			max V <sub>z</sub>	-0.18	0.01	<b>1.66</b>	-0.04	11.15	-0.02	CO 18
			min V <sub>z</sub>	0.06	0.00	<b>0.46</b>	-0.02	3.35	0.00	CO 9
			max M <sub>T</sub>	-0.51	0.00	0.46	<b>-0.01</b>	3.35	0.00	CO 8
			min M <sub>T</sub>	-0.18	0.01	1.66	<b>-0.04</b>	11.15	-0.02	CO 18
			max M <sub>y</sub>	-0.18	0.01	1.66	-0.04	<b>11.15</b>	-0.02	CO 18
			min M <sub>y</sub>	0.06	0.00	0.46	-0.02	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	0.06	0.00	0.46	-0.02	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.14	0.01	1.66	-0.04	11.14	<b>-0.02</b>	CO 17
		3.660	max N	<b>0.16</b>	0.01	-1.66	-0.04	11.14	-0.02	CO 19
			min N	<b>-0.51</b>	0.00	-0.46	-0.01	3.35	-0.01	CO 8
			max V <sub>y</sub>	-0.18	<b>0.01</b>	-1.66	-0.04	11.15	-0.03	CO 18
			min V <sub>y</sub>	0.06	<b>0.00</b>	-0.46	-0.02	3.35	0.00	CO 9
			max V <sub>z</sub>	-0.51	0.00	<b>-0.46</b>	-0.01	3.35	-0.01	CO 8
			min V <sub>z</sub>	-0.18	0.01	<b>-1.66</b>	-0.04	11.15	-0.03	CO 18
			max M <sub>T</sub>	-0.51	0.00	-0.46	<b>-0.01</b>	3.35	-0.01	CO 8
			min M <sub>T</sub>	-0.18	0.01	-1.66	<b>-0.04</b>	11.15	-0.03	CO 18
			max M <sub>y</sub>	-0.18	0.01	-1.66	-0.04	<b>11.15</b>	-0.03	CO 18
			min M <sub>y</sub>	0.06	0.00	-0.46	-0.02	<b>3.35</b>	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	0.06	0.00	-0.46	-0.02	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.14	0.01	-1.66	-0.04	11.14	<b>-0.03</b>	CO 17
			max N	<b>0.16</b>	-0.01	-1.82	-0.04	11.14	-0.02	CO 19
			min N	<b>-0.51</b>	0.00	-0.62	-0.01	3.35	-0.01	CO 8
			max V <sub>y</sub>	0.06	<b>0.00</b>	-0.62	-0.02	3.35	0.00	CO 9
			min V <sub>y</sub>	0.14	<b>-0.02</b>	-1.82	-0.04	11.14	-0.03	CO 17
			max V <sub>z</sub>	-0.51	0.00	<b>-0.62</b>	-0.01	3.35	-0.01	CO 8
			min V <sub>z</sub>	-0.18	-0.02	<b>-1.82</b>	-0.04	11.15	-0.03	CO 18
			max M <sub>T</sub>	-0.51	0.00	-0.62	<b>-0.01</b>	3.35	-0.01	CO 8
			min M <sub>T</sub>	-0.18	-0.02	-1.82	<b>-0.04</b>	11.15	-0.03	CO 18
			max M <sub>y</sub>	-0.18	-0.02	-1.82	-0.04	<b>11.15</b>	-0.03	CO 18
			min M <sub>y</sub>	0.06	0.00	-0.62	-0.02	<b>3.35</b>	0.00	CO 9
			max M <sub>z</sub>	0.06	0.00	-0.62	-0.02	3.35	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.14	-0.02	-1.82	-0.04	11.14	<b>-0.03</b>	CO 17
	2021	6.000	max N	<b>0.25</b>	-0.01	-7.70	-0.04	0.00	0.00	CO 19
			min N	<b>-0.50</b>	0.00	-2.25	-0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	0.07	<b>0.00</b>	-2.25	-0.02	0.00	0.00	CO 9
			min V <sub>y</sub>	0.17	<b>-0.01</b>	-6.53	-0.03	0.00	0.00	CO 7
			max V <sub>z</sub>	0.07	0.00	<b>-2.25</b>	-0.02	0.00	0.00	CO 9
			min V <sub>z</sub>	-0.09	-0.01	<b>-7.71</b>	-0.04	0.00	0.00	CO 18
			max M <sub>T</sub>	-0.50	0.00	-2.25	<b>-0.01</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	0.25	-0.01	-7.70	<b>-0.04</b>	0.00	0.00	CO 19
			max M <sub>y</sub>	0.07	0.00	-2.25	-0.02	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-0.35	-0.01	-6.54	-0.03	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-0.50	0.00	-2.25	-0.01	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	0.25	-0.01	-7.70	-0.04	0.00	<b>0.00</b>	CO 19
	2019	0.000	Max N	<b>0.25</b>	0.00	7.70	-0.04	0.00	0.00	CO 19
		3.000	Min N	<b>-0.51</b>	0.00	0.00	-0.01	3.50	0.00	CO 8
		2.340	Max V <sub>y</sub>	0.14	<b>0.01</b>	1.82	-0.04	11.14	-0.02	CO 17
		3.660	Min V <sub>y</sub>	0.14	<b>-0.02</b>	-1.82	-0.04	11.14	-0.03	CO 17
	2019	0.000	Max V <sub>z</sub>	-0.09	0.00	<b>7.71</b>	-0.04	0.00	0.00	CO 18
	2021	6.000	Min V <sub>z</sub>	-0.09	-0.01	<b>-7.71</b>	-0.04	0.00	0.00	CO 18
	2019	0.000	Max M <sub>T</sub>	-0.50	0.00	2.25	<b>-0.01</b>	0.00	0.00	CO 8
		3.396	Min M <sub>T</sub>	-0.18	0.01	-1.00	<b>-0.04</b>	11.50	-0.02	CO 18
		3.000	Max M <sub>y</sub>	-0.19	0.01	0.00	-0.04	<b>11.70</b>	-0.02	CO 18
	2021	6.000	Min M <sub>y</sub>	-0.35	-0.01	-6.54	-0.03	<b>0.00</b>	0.00	CO 12
	2019	0.000	Max M <sub>z</sub>	0.25	0.00	7.70	-0.04	0.00	<b>0.00</b>	CO 19
		3.660	Min M <sub>z</sub>	0.14	-0.02	-1.82	-0.04	11.14	<b>-0.03</b>	CO 17
2375	2025	0.000	max N	<b>0.03</b>	0.00	0.16	0.00	0.00	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.16	0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	0.03	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 19



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	0.03	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	0.02	0.00	0.16	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.01	0.00	0.16	0.01	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	0.03	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	0.00	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.02	0.00	0.16	0.01	0.00	<b>0.00</b>	CO 12
	2023	1.318	max N	<b>0.04</b>	0.00	-0.16	0.00	0.00	0.00	CO 17
			min N	<b>0.01</b>	0.00	-0.16	0.01	0.00	0.00	CO 8
			max V <sub>y</sub>	0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.04	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 19
			max V <sub>z</sub>	0.04	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.01	0.00	0.00	CO 8
			max M <sub>T</sub>	0.03	0.00	-0.16	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.01	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.02	0.00	-0.16	0.01	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	0.04	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	0.03	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 16
			min M <sub>z</sub>	0.03	0.00	-0.16	0.01	0.00	<b>0.00</b>	CO 12
	2023	1.318	Max N	<b>0.04</b>	0.00	-0.16	0.00	0.00	0.00	CO 17
	2025	0.000	Min N	<b>0.00</b>	0.00	0.16	0.01	0.00	0.00	CO 8
	2025	0.000	Max V <sub>y</sub>	0.03	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 19
	2023	1.318	Min V <sub>y</sub>	0.04	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 19
	2025	0.000	Max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.01	0.00	0.00	CO 8
	2023	1.318	Min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.01	0.00	0.00	CO 8
	2025	0.000	Max M <sub>T</sub>	0.02	0.00	0.16	<b>0.01</b>	0.00	0.00	CO 12
	2025	0.000	Min M <sub>T</sub>	0.00	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 1
		0.659	Max M <sub>y</sub>	0.00	0.00	0.00	0.01	<b>0.05</b>	0.00	CO 8
	2025	0.000	Min M <sub>y</sub>	0.03	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 17
	2023	1.318	Max M <sub>z</sub>	0.03	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 16
		0.659	Min M <sub>z</sub>	0.04	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 19
2376	2024	0.000	max N	<b>-0.01</b>	0.00	0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.06</b>	0.00	0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.06	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.06	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.04	0.00	0.16	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-0.02	0.00	0.16	0.01	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	-0.06	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-0.04	0.00	0.16	0.01	0.00	<b>0.00</b>	CO 12
	2022	1.318	max N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.05</b>	0.00	-0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.05	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.05	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 11
			max M <sub>T</sub>	-0.04	0.00	-0.16	<b>0.01</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.01	0.00	-0.16	0.01	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	-0.05	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-0.04	0.00	-0.16	0.01	0.00	<b>0.00</b>	CO 12
	2022	1.318	Max N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
	2024	0.000	Min N	<b>-0.06</b>	0.00	0.16	0.00	0.00	0.00	CO 17
	2022	1.318	Max V <sub>y</sub>	-0.05	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 17
	2024	0.000	Min V <sub>y</sub>	-0.06	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 17
	2024	0.000	Max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.01	0.00	0.00	CO 8
	2022	1.318	Min V <sub>z</sub>	-0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 11
	2024	0.000	Max M <sub>T</sub>	-0.04	0.00	0.16	<b>0.01</b>	0.00	0.00	CO 12
	2024	0.000	Min M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 1
		0.659	Max M <sub>y</sub>	-0.02	0.00	0.00	0.01	<b>0.05</b>	0.00	CO 10
	2024	0.000	Min M <sub>y</sub>	-0.06	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 17
		0.659	Max M <sub>z</sub>	-0.05	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 17
	2024	0.000	Min M <sub>z</sub>	-0.04	0.00	0.16	0.01	0.00	<b>0.00</b>	CO 12
2377	2027	0.000	max N	<b>0.04</b>	0.00	0.16	0.02	0.00	0.00	CO 17
			min N	<b>-0.01</b>	0.00	0.16	0.01	0.00	0.00	CO 9
			max V <sub>y</sub>	0.03	<b>0.00</b>	0.16	0.02	0.00	0.00	CO 19
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.16	0.01	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	0.04	0.00	<b>0.16</b>	0.02	0.00	0.00	CO 17
			max M <sub>T</sub>	0.04	0.00	0.16	<b>0.02</b>	0.00	0.00	CO 18
			min M <sub>T</sub>	0.00	0.00	0.16	<b>0.01</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.03	0.00	0.16	0.02	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.02	0.00	0.16	0.02	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	0.03	0.00	0.16	0.02	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	0.00	0.00	0.16	0.01	0.00	<b>0.00</b>	CO 8
	2029	1.318	max N	<b>0.05</b>	0.00	-0.16	0.02	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>0.00</b>	0.00	-0.16	0.01	0.00	0.00	CO 9
			max V <sub>y</sub>	0.01	<b>0.00</b>	-0.16	0.01	0.00	0.00	CO 1
			min V <sub>y</sub>	0.04	<b>0.00</b>	-0.16	0.02	0.00	0.00	CO 19
			max V <sub>z</sub>	0.05	0.00	<b>-0.16</b>	0.02	0.00	0.00	CO 17
			min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.01	0.00	0.00	CO 8
			max M <sub>T</sub>	0.05	0.00	-0.16	<b>0.02</b>	0.00	0.00	CO 18
			min M <sub>T</sub>	0.01	0.00	-0.16	<b>0.01</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.04	0.00	-0.16	0.02	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.03	0.00	-0.16	0.02	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	0.04	0.00	-0.16	0.02	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	0.01	0.00	-0.16	0.01	0.00	<b>0.00</b>	CO 8
	2029	1.318	Max N	<b>0.05</b>	0.00	-0.16	0.02	0.00	0.00	CO 17
	2027	0.000	Min N	<b>-0.01</b>	0.00	0.16	0.01	0.00	0.00	CO 9
	2027	0.000	Max V <sub>y</sub>	0.03	<b>0.00</b>	0.16	0.02	0.00	0.00	CO 19
	2029	1.318	Min V <sub>y</sub>	0.04	<b>0.00</b>	-0.16	0.02	0.00	0.00	CO 19
	2027	0.000	Max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.01	0.00	0.00	CO 8
	2029	1.318	Min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.01	0.00	0.00	CO 8
	2027	0.000	Max M <sub>T</sub>	0.04	0.00	0.16	<b>0.02</b>	0.00	0.00	CO 18
		0.659	Min M <sub>T</sub>	0.01	0.00	0.00	<b>0.01</b>	0.05	0.00	CO 1
		0.659	Max M <sub>y</sub>	0.03	0.00	0.00	0.02	<b>0.05</b>	0.00	CO 12
	2027	0.000	Min M <sub>y</sub>	0.02	0.00	0.16	0.02	<b>0.00</b>	0.00	CO 13
	2029	1.318	Max M <sub>z</sub>	0.04	0.00	-0.16	0.02	0.00	<b>0.00</b>	CO 19
		0.659	Min M <sub>z</sub>	0.04	0.00	0.00	0.02	0.05	<b>0.00</b>	CO 19
2378	2026	0.000	max N	<b>0.00</b>	0.00	0.16	0.01	0.00	0.00	CO 9
			min N	<b>-0.06</b>	0.00	0.16	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.16	0.01	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.06	<b>0.00</b>	0.16	0.01	0.00	0.00	CO 17
			max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.06	0.00	<b>0.16</b>	0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.05	0.00	0.16	<b>0.02</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.02	0.00	0.16	<b>0.01</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.05	0.00	0.16	0.02	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-0.02	0.00	0.16	0.01	<b>0.00</b>	0.00	CO 11
			max M <sub>z</sub>	-0.06	0.00	0.16	0.01	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	-0.01	0.00	0.16	0.01	0.00	<b>0.00</b>	CO 8
	2028	1.318	max N	<b>0.01</b>	0.00	-0.16	0.01	0.00	0.00	CO 9
			min N	<b>-0.06</b>	0.00	-0.16	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.06	<b>0.00</b>	-0.16	0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	0.01	<b>0.00</b>	-0.16	0.01	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.06	0.00	<b>-0.16</b>	0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.01	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-0.04	0.00	-0.16	<b>0.02</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.01	0.00	-0.16	<b>0.01</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.04	0.00	-0.16	0.02	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-0.01	0.00	-0.16	0.01	<b>0.00</b>	0.00	CO 11
			max M <sub>z</sub>	-0.05	0.00	-0.16	0.01	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	0.00	0.00	-0.16	0.01	0.00	<b>0.00</b>	CO 8
	2028	1.318	Max N	<b>0.01</b>	0.00	-0.16	0.01	0.00	0.00	CO 9
	2026	0.000	Min N	<b>-0.06</b>	0.00	0.16	0.01	0.00	0.00	CO 17
	2028	1.318	Max V <sub>y</sub>	-0.06	<b>0.00</b>	-0.16	0.01	0.00	0.00	CO 17
	2026	0.000	Min V <sub>y</sub>	-0.06	<b>0.00</b>	0.16	0.01	0.00	0.00	CO 17
	2026	0.000	Max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.01	0.00	0.00	CO 8
	2028	1.318	Min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.01	0.00	0.00	CO 8
	2026	0.000	Max M <sub>T</sub>	-0.05	0.00	0.16	<b>0.02</b>	0.00	0.00	CO 12
		0.659	Min M <sub>T</sub>	-0.01	0.00	0.00	<b>0.01</b>	0.05	0.00	CO 1
		0.659	Max M <sub>y</sub>	-0.04	0.00	0.00	0.02	<b>0.05</b>	0.00	CO 12
	2026	0.000	Min M <sub>y</sub>	-0.02	0.00	0.16	0.01	<b>0.00</b>	0.00	CO 11
		0.659	Max M <sub>z</sub>	-0.06	0.00	0.00	0.01	0.05	<b>0.00</b>	CO 17
	2026	0.000	Min M <sub>z</sub>	-0.01	0.00	0.16	0.01	0.00	<b>0.00</b>	CO 8
2379	2033	0.000	max N	<b>0.00</b>	0.00	0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.02</b>	0.00	0.16	0.00	0.00	0.00	CO 18
			max V <sub>y</sub>	-0.02	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 19
			min V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.02	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	0.00	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.00	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 11
			min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 8
	2031	1.318	max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 18
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 19
			max V <sub>z</sub>	-0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	0.01	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.00	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.01	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 8
	2031	1.318	Max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
	2033	0.000	Min N	<b>-0.02</b>	0.00	0.16	0.00	0.00	0.00	CO 18
	2033	0.000	Max V <sub>y</sub>	-0.02	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 19
	2031	1.318	Min V <sub>y</sub>	-0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 19
	2033	0.000	Max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
	2031	1.318	Min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
	2033	0.000	Max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 8
		0.659	Min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.05	0.00	CO 9
		0.659	Max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.05</b>	0.00	CO 8
	2033	0.000	Min M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 9
	2033	0.000	Max M <sub>z</sub>	0.00	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 11
		0.659	Min M <sub>z</sub>	-0.01	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 19
2380	2032	0.000	max N	<b>0.00</b>	0.00	0.16	0.00	0.00	0.00	CO 8
			min N	<b>-0.02</b>	0.00	0.16	0.00	0.00	0.00	CO 13
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 18
			max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.02	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-0.02	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	-0.02	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
	2030	1.318	max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 8
			min N	<b>-0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 13
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 18
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.01	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	0.00	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-0.01	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	-0.01	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 12
	2030	1.318	Max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 8
	2032	0.000	Min N	<b>-0.02</b>	0.00	0.16	0.00	0.00	0.00	CO 13
	2030	1.318	Max V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 18
	2032	0.000	Min V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2032	0.000	Max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
	2030	1.318	Min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
	2032	0.000	Max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 12
		0.659	Min M <sub>T</sub>	-0.01	0.00	0.00	<b>0.00</b>	0.05	0.00	CO 13
		0.659	Max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.05</b>	0.00	CO 10
	2032	0.000	Min M <sub>y</sub>	-0.02	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 13
		0.659	Max M <sub>z</sub>	-0.01	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 18
	2032	0.000	Min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
2381	2035	0.000	max N	<b>0.00</b>	0.00	0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.02</b>	0.00	0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.02	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 19
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.02	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 19
			max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	-0.02	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 18
			max M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.00	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 8
	2037	1.318	max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 19
			max V <sub>z</sub>	-0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 19
			min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	-0.01	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 18
			max M <sub>y</sub>	0.01	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.01	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	0.01	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 8
	2037	1.318	Max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
	2035	0.000	Min N	<b>-0.02</b>	0.00	0.16	0.00	0.00	0.00	CO 17
	2035	0.000	Max V <sub>y</sub>	-0.02	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 19
	2037	1.318	Min V <sub>y</sub>	-0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 19
	2035	0.000	Max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
	2037	1.318	Min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
		0.659	Max M <sub>T</sub>	-0.01	0.00	0.00	<b>0.00</b>	0.05	0.00	CO 13
		0.659	Min M <sub>T</sub>	-0.02	0.00	0.00	<b>0.00</b>	0.05	0.00	CO 18
		0.659	Max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.05</b>	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2035	0.000	Min M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 9
	2037	1.318	Max M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 13
		0.659	Min M <sub>z</sub>	-0.01	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 19
2382	2034	0.000	max N	<b>-0.01</b>	0.00	0.16	0.00	0.00	0.00	CO 1
			min N	<b>-0.02</b>	0.00	0.16	0.00	0.00	0.00	CO 13
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 18
			max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-0.02	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
	2036	1.318	max N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 1
			min N	<b>-0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 13
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 1
			max M <sub>y</sub>	0.00	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.00	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-0.01	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 14
	2036	1.318	Max N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 1
	2034	0.000	Min N	<b>-0.02</b>	0.00	0.16	0.00	0.00	0.00	CO 13
	2036	1.318	Max V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 17
	2034	0.000	Min V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 18
	2034	0.000	Max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
	2036	1.318	Min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
	2034	0.000	Max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 12
		0.659	Min M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.05	0.00	CO 1
		0.659	Max M <sub>y</sub>	-0.01	0.00	0.00	0.00	<b>0.05</b>	0.00	CO 12
	2034	0.000	Min M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 9
		0.659	Max M <sub>z</sub>	-0.01	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 17
	2034	0.000	Min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
2383	2041	0.000	max N	<b>0.00</b>	0.00	0.16	0.00	0.00	0.00	CO 8
			min N	<b>-0.01</b>	0.00	0.16	0.00	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 18
			min V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.00	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.00	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 17
	2039	1.318	max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 8
			min N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 18
			max V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.00	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.01	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 17
	2039	1.318	Max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 8
	2041	0.000	Min N	<b>-0.01</b>	0.00	0.16	0.00	0.00	0.00	CO 17
	2041	0.000	Max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 18
	2039	1.318	Min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 18
	2041	0.000	Max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
	2039	1.318	Min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
	2041	0.000	Max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 17
	2041	0.000	Min M <sub>T</sub>	0.00	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 12
		0.659	Max M <sub>y</sub>	0.01	0.00	0.00	0.00	<b>0.05</b>	0.00	CO 8
	2041	0.000	Min M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 9
	2041	0.000	Max M <sub>z</sub>	0.00	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
		0.659	Min M <sub>z</sub>	0.00	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 18
2384	2040	0.000	max N	<b>-0.01</b>	0.00	0.16	0.00	0.00	0.00	CO 1
			min N	<b>-0.03</b>	0.00	0.16	0.00	0.00	0.00	CO 18
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-0.02	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.02	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.02	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 12



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-0.02	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.02	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	-0.02	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	-0.02	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
	2038	1.318	max N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 1
			min N	<b>-0.02</b>	0.00	-0.16	0.00	0.00	0.00	CO 18
			max V <sub>y</sub>	-0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	-0.01	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.01	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	0.00	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.01	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.01	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 12
	2038	1.318	Max N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 1
	2040	0.000	Min N	<b>-0.03</b>	0.00	0.16	0.00	0.00	0.00	CO 18
	2038	1.318	Max V <sub>y</sub>	-0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 17
	2040	0.000	Min V <sub>y</sub>	-0.02	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 17
	2040	0.000	Max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
	2038	1.318	Min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
		0.659	Max M <sub>T</sub>	-0.02	0.00	0.00	<b>0.00</b>	0.05	0.00	CO 12
		0.659	Min M <sub>T</sub>	-0.02	0.00	0.00	<b>0.00</b>	0.05	0.00	CO 13
		0.659	Max M <sub>y</sub>	-0.01	0.00	0.00	0.00	<b>0.05</b>	0.00	CO 8
	2040	0.000	Min M <sub>y</sub>	-0.02	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 13
		0.659	Max M <sub>z</sub>	-0.02	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 17
	2040	0.000	Min M <sub>z</sub>	-0.02	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
2385	2043	0.000	max N	<b>0.00</b>	0.00	0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.02</b>	0.00	0.16	0.00	0.00	0.00	CO 12
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 19
			min V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 19
			max M <sub>T</sub>	0.00	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	-0.02	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-0.02	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 11
			max M <sub>z</sub>	-0.02	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2045	1.318	max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 12
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 19
			max V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 19
			min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 15
			min M <sub>T</sub>	-0.01	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-0.01	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.01	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 11
			max M <sub>z</sub>	-0.01	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 17
	2045	1.318	Max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
	2043	0.000	Min N	<b>-0.02</b>	0.00	0.16	0.00	0.00	0.00	CO 12
	2043	0.000	Max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 19
	2045	1.318	Min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 19
	2043	0.000	Max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
	2045	1.318	Min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
		0.659	Max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.05	0.00	CO 15
	2043	0.000	Min M <sub>T</sub>	-0.02	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 12
		0.659	Max M <sub>y</sub>	-0.01	0.00	0.00	0.00	<b>0.05</b>	0.00	CO 12
	2043	0.000	Min M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 11
	2043	0.000	Max M <sub>z</sub>	-0.02	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
		0.659	Min M <sub>z</sub>	-0.01	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 19
2386	2042	0.000	max N	<b>0.00</b>	0.00	0.16	0.00	0.00	0.00	CO 8
			min N	<b>-0.02</b>	0.00	0.16	0.00	0.00	0.00	CO 19
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.02	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 18
			max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.02	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.02	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 16
			max M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-0.02	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 6
			min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
	2044	1.318	max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 8
			min N	<b>-0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 19
			max V <sub>y</sub>	-0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 18
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.01	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 16
			max M <sub>y</sub>	0.01	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	0.00	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 12
	2044	1.318	Max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 8
	2042	0.000	Min N	<b>-0.02</b>	0.00	0.16	0.00	0.00	0.00	CO 19
	2044	1.318	Max V <sub>y</sub>	-0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 18
	2042	0.000	Min V <sub>y</sub>	-0.02	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 18
	2042	0.000	Max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
	2044	1.318	Min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
		0.659	Max M <sub>T</sub>	-0.01	0.00	0.00	<b>0.00</b>	0.05	0.00	CO 12
	2042	0.000	Min M <sub>T</sub>	-0.02	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 16
		0.659	Max M <sub>y</sub>	0.01	0.00	0.00	0.00	<b>0.05</b>	0.00	CO 8
	2042	0.000	Min M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 12
		0.659	Max M <sub>z</sub>	-0.01	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 18
	2042	0.000	Min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
2387	2049	0.000	max N	<b>0.00</b>	0.00	0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.01</b>	0.00	0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 18
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 19
	2047	1.318	max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
			min N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 18
			max V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 19
			min M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.00	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.01	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 13
	2047	1.318	Max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
	2049	0.000	Min N	<b>-0.01</b>	0.00	0.16	0.00	0.00	0.00	CO 17
	2049	0.000	Max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 18
	2047	1.318	Min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 18
	2049	0.000	Max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
	2047	1.318	Min V <sub>z</sub>	0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
	2049	0.000	Max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 19
	2049	0.000	Min M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 12
		0.659	Max M <sub>y</sub>	0.00	0.00	0.00	0.00	<b>0.05</b>	0.00	CO 10
	2049	0.000	Min M <sub>y</sub>	0.00	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 1
	2049	0.000	Max M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 12
		0.659	Min M <sub>z</sub>	-0.01	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 18
2388	2048	0.000	max N	<b>-0.01</b>	0.00	0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.03</b>	0.00	0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-0.03	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 19
			max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.03	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.03	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 19
			max M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 1
	2046	1.318	max N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.02</b>	0.00	-0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.02	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 19
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.02	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.00	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.02	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 19
			max M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 1
	2046	1.318	Max N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
	2048	0.000	Min N	<b>-0.03</b>	0.00	0.16	0.00	0.00	0.00	CO 17
	2046	1.318	Max V <sub>y</sub>	-0.02	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2048	0.000	Min V <sub>y</sub>	-0.03	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 19
	2048	0.000	Max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
	2046	1.318	Min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
	2048	0.000	Max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 9
	2048	0.000	Min M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 8
		0.659	Max M <sub>y</sub>	-0.01	0.00	0.00	0.00	<b>0.05</b>	0.00	CO 8
	2048	0.000	Min M <sub>y</sub>	-0.03	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 19
		0.659	Max M <sub>z</sub>	-0.02	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 19
	2048	0.000	Min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 1
2389	2051	0.000	max N	<b>0.00</b>	0.00	0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.01</b>	0.00	0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	-0.01	0.00	0.00	CO 18
			min V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	-0.01	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	0.00	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-0.01	0.00	0.16	<b>-0.01</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-0.01	0.00	0.16	-0.01	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-0.01	0.00	0.16	-0.01	0.00	<b>0.00</b>	CO 14
			min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 19
	2053	1.318	max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	-0.01	0.00	0.00	CO 18
			max V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 19
			min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	-0.01	0.00	0.00	CO 8
			max M <sub>T</sub>	0.01	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.00	0.00	-0.16	<b>-0.01</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.00	0.00	-0.16	-0.01	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.00	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	-0.16	-0.01	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 19
	2053	1.318	Max N	<b>0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
	2051	0.000	Min N	<b>-0.01</b>	0.00	0.16	0.00	0.00	0.00	CO 17
	2051	0.000	Max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	-0.01	0.00	0.00	CO 18
	2053	1.318	Min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	-0.01	0.00	0.00	CO 18
	2051	0.000	Max V <sub>z</sub>	0.00	0.00	<b>0.16</b>	-0.01	0.00	0.00	CO 8
	2053	1.318	Min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	-0.01	0.00	0.00	CO 8
		0.659	Max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.05	0.00	CO 9
	2051	0.000	Min M <sub>T</sub>	-0.01	0.00	0.16	<b>-0.01</b>	0.00	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		0.659	Max M <sub>y</sub>	-0.01	0.00	0.00	-0.01	<b>0.05</b>	0.00	CO 12
	2051	0.000	Min M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 1
	2051	0.000	Max M <sub>z</sub>	-0.01	0.00	0.16	-0.01	0.00	<b>0.00</b>	CO 14
		0.659	Min M <sub>z</sub>	-0.01	0.00	0.00	-0.01	0.05	<b>0.00</b>	CO 18
2390	2050	0.000	max N	<b>-0.01</b>	0.00	0.16	0.00	0.00	0.00	CO 8
			min N	<b>-0.03</b>	0.00	0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-0.03	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.02	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 19
			max M <sub>T</sub>	-0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-0.02	0.00	0.16	<b>-0.01</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-0.02	0.00	0.16	-0.01	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.02	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 19
	2052	1.318	max N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 8
			min N	<b>-0.02</b>	0.00	-0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.02	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.02	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 19
			min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	0.00	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-0.01	0.00	-0.16	<b>-0.01</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-0.01	0.00	-0.16	-0.01	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.00	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.02	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 19
	2052	1.318	Max N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 8
	2050	0.000	Min N	<b>-0.03</b>	0.00	0.16	0.00	0.00	0.00	CO 17
	2052	1.318	Max V <sub>y</sub>	-0.02	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 17
	2050	0.000	Min V <sub>y</sub>	-0.03	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 17
	2050	0.000	Max V <sub>z</sub>	-0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
	2052	1.318	Min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
		0.659	Max M <sub>T</sub>	0.00	0.00	0.00	<b>0.00</b>	0.05	0.00	CO 9
	2050	0.000	Min M <sub>T</sub>	-0.02	0.00	0.16	<b>-0.01</b>	0.00	0.00	CO 12
		0.659	Max M <sub>y</sub>	-0.01	0.00	0.00	-0.01	<b>0.05</b>	0.00	CO 12
	2050	0.000	Min M <sub>y</sub>	-0.01	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 1
		0.659	Max M <sub>z</sub>	-0.02	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 17
	2052	1.318	Min M <sub>z</sub>	-0.02	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 19
2391	2058	0.000	max N	<b>0.01</b>	-0.03	5.61	0.17	0.00	0.00	CO 16

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-0.37</b>	-0.01	5.10	0.04	0.00	0.00	CO 11
			max V <sub>y</sub>	-0.34	<b>0.01</b>	2.89	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.02	<b>-0.04</b>	7.81	0.21	0.00	0.00	CO 17
			max V <sub>z</sub>	-0.22	-0.03	<b>7.88</b>	0.17	0.00	0.00	CO 19
			min V <sub>z</sub>	-0.01	-0.01	<b>2.78</b>	0.08	0.00	0.00	CO 1
			max M <sub>T</sub>	-0.09	-0.03	7.82	<b>0.21</b>	0.00	0.00	CO 18
			min M <sub>T</sub>	-0.34	0.01	2.89	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.02	-0.04	7.81	0.21	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-0.15	-0.02	6.98	0.19	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-0.34	0.01	2.89	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.09	-0.03	7.82	0.21	0.00	<b>0.00</b>	CO 18
		1.200	max N	<b>-0.01</b>	-0.04	3.58	0.17	5.51	0.04	CO 16
			min N	<b>-0.38</b>	-0.01	4.31	0.04	5.64	0.01	CO 11
			max V <sub>y</sub>	-0.34	<b>0.01</b>	2.10	0.00	3.00	-0.01	CO 9
			min V <sub>y</sub>	-0.05	<b>-0.04</b>	5.78	0.21	8.16	0.05	CO 17
			max V <sub>z</sub>	-0.25	-0.04	<b>5.85</b>	0.17	8.24	0.04	CO 19
			min V <sub>z</sub>	-0.01	-0.01	<b>1.99</b>	0.08	2.86	0.01	CO 1
			max M <sub>T</sub>	-0.12	-0.04	5.79	<b>0.22</b>	8.17	0.04	CO 18
			min M <sub>T</sub>	-0.34	0.01	2.10	<b>0.00</b>	3.00	-0.01	CO 9
			max M <sub>y</sub>	-0.25	-0.04	5.85	0.17	<b>8.24</b>	0.04	CO 19
			min M <sub>y</sub>	-0.01	-0.01	1.99	0.08	<b>2.86</b>	0.01	CO 1
			max M <sub>z</sub>	-0.05	-0.04	5.78	0.21	8.16	<b>0.05</b>	CO 17
			min M <sub>z</sub>	-0.34	0.01	2.10	0.00	3.00	<b>-0.01</b>	CO 9
			max N	<b>7.52</b>	0.07	2.65	0.74	0.91	0.05	CO 17
			min N	<b>2.37</b>	-0.01	1.33	0.02	0.16	-0.01	CO 9
			max V <sub>y</sub>	7.52	<b>0.07</b>	2.65	0.74	0.91	0.05	CO 17
			min V <sub>y</sub>	2.37	<b>-0.01</b>	1.33	0.02	0.16	-0.01	CO 9
			max V <sub>z</sub>	5.40	0.04	<b>2.87</b>	0.46	0.15	0.03	CO 21
			min V <sub>z</sub>	4.63	0.03	<b>1.07</b>	0.36	0.92	0.02	CO 2
			max M <sub>T</sub>	7.52	0.07	2.65	<b>0.74</b>	0.91	0.05	CO 17
			min M <sub>T</sub>	2.37	-0.01	1.33	<b>0.02</b>	0.16	-0.01	CO 9
			max M <sub>y</sub>	4.63	0.03	1.07	0.36	<b>0.92</b>	0.02	CO 2
			min M <sub>y</sub>	4.40	0.02	2.44	0.29	<b>0.15</b>	0.01	CO 15
			max M <sub>z</sub>	7.52	0.07	2.65	0.74	0.91	<b>0.05</b>	CO 17
			min M <sub>z</sub>	2.37	-0.01	1.33	0.02	0.16	<b>-0.01</b>	CO 9
		2.100	max N	<b>7.52</b>	0.07	1.13	0.74	2.61	-0.01	CO 17
			min N	<b>2.37</b>	-0.01	0.74	0.02	1.09	0.00	CO 9
			max V <sub>y</sub>	7.52	<b>0.07</b>	1.13	0.74	2.61	-0.01	CO 17
			min V <sub>y</sub>	2.37	<b>-0.01</b>	0.74	0.02	1.09	0.00	CO 9
			max V <sub>z</sub>	5.39	0.04	<b>1.34</b>	0.46	2.04	-0.01	CO 21
			min V <sub>z</sub>	4.63	0.03	<b>0.49</b>	0.36	1.63	0.00	CO 2

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	7.52	0.07	1.13	<b>0.74</b>	2.61	-0.01	CO 17
			min M <sub>T</sub>	2.37	-0.01	0.74	<b>0.02</b>	1.09	0.00	CO 9
			max M <sub>y</sub>	7.32	0.05	1.20	0.65	<b>2.66</b>	-0.01	CO 19
			min M <sub>y</sub>	2.70	0.01	0.62	0.18	<b>1.00</b>	0.00	CO 1
			max M <sub>z</sub>	2.57	-0.01	0.64	0.16	1.02	<b>0.00</b>	CO 8
			min M <sub>z</sub>	7.52	0.07	1.13	0.74	2.61	<b>-0.01</b>	CO 17
			max N	<b>7.52</b>	-0.03	1.03	0.74	3.21	-0.03	CO 17
			min N	<b>2.37</b>	0.00	0.63	0.02	1.10	0.00	CO 9
			max V <sub>y</sub>	2.37	<b>0.00</b>	0.63	0.02	1.10	0.00	CO 9
			min V <sub>y</sub>	7.52	<b>-0.03</b>	1.03	0.74	3.21	-0.03	CO 17
			max V <sub>z</sub>	5.39	-0.02	<b>1.24</b>	0.46	2.42	-0.02	CO 21
			min V <sub>z</sub>	4.63	-0.01	<b>0.38</b>	0.36	1.91	-0.01	CO 2
			max M <sub>T</sub>	7.52	-0.03	1.03	<b>0.74</b>	3.21	-0.03	CO 17
			min M <sub>T</sub>	2.37	0.00	0.63	<b>0.02</b>	1.10	0.00	CO 9
			max M <sub>y</sub>	7.52	-0.03	1.03	0.74	<b>3.21</b>	-0.03	CO 17
			min M <sub>y</sub>	2.37	0.00	0.63	0.02	<b>1.10</b>	0.00	CO 9
			max M <sub>z</sub>	2.37	0.00	0.63	0.02	1.10	<b>0.00</b>	CO 9
			min M <sub>z</sub>	7.52	-0.03	1.03	0.74	3.21	<b>-0.03</b>	CO 17
		3.000	max N	<b>7.51</b>	-0.03	-0.48	0.74	3.45	-0.01	CO 17
			min N	<b>2.37</b>	0.00	0.04	0.02	1.40	0.00	CO 9
			max V <sub>y</sub>	2.37	<b>0.00</b>	0.04	0.02	1.40	0.00	CO 9
			min V <sub>y</sub>	7.51	<b>-0.03</b>	-0.48	0.74	3.45	-0.01	CO 17
			max V <sub>z</sub>	2.37	0.00	<b>0.04</b>	0.02	1.40	0.00	CO 9
			min V <sub>z</sub>	7.51	-0.03	<b>-0.48</b>	0.74	3.45	-0.01	CO 17
			max M <sub>T</sub>	7.51	-0.03	-0.48	<b>0.74</b>	3.45	-0.01	CO 17
			min M <sub>T</sub>	2.37	0.00	0.04	<b>0.02</b>	1.40	0.00	CO 9
			max M <sub>y</sub>	7.32	-0.03	-0.42	0.65	<b>3.49</b>	-0.01	CO 19
			min M <sub>y</sub>	2.70	-0.01	-0.07	0.18	<b>1.34</b>	0.00	CO 1
			max M <sub>z</sub>	2.70	-0.01	-0.07	0.18	1.34	<b>0.00</b>	CO 1
			min M <sub>z</sub>	7.44	-0.03	-0.47	0.73	3.46	<b>-0.01</b>	CO 18
			max N	<b>7.51</b>	-0.01	-0.59	0.74	4.03	-0.02	CO 17
			min N	<b>2.37</b>	0.00	-0.07	0.02	1.42	0.00	CO 9
			max V <sub>y</sub>	2.37	<b>0.00</b>	-0.07	0.02	1.42	0.00	CO 9
			min V <sub>y</sub>	7.44	<b>-0.01</b>	-0.58	0.73	4.02	-0.02	CO 18
			max V <sub>z</sub>	2.37	0.00	<b>-0.07</b>	0.02	1.42	0.00	CO 9
			min V <sub>z</sub>	7.51	-0.01	<b>-0.59</b>	0.74	4.03	-0.02	CO 17
			max M <sub>T</sub>	7.51	-0.01	-0.59	<b>0.74</b>	4.03	-0.02	CO 17
			min M <sub>T</sub>	2.37	0.00	-0.07	<b>0.02</b>	1.42	0.00	CO 9
			max M <sub>y</sub>	7.51	-0.01	-0.59	0.74	<b>4.03</b>	-0.02	CO 17
			min M <sub>y</sub>	2.37	0.00	-0.07	0.02	<b>1.42</b>	0.00	CO 9
			max M <sub>z</sub>	2.37	0.00	-0.07	0.02	1.42	<b>0.00</b>	CO 9



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	7.51	-0.01	-0.59	0.74	4.03	<b>-0.02</b>	CO 17
		3.900	max N	<b>7.52</b>	-0.02	-2.11	0.74	2.81	-0.01	CO 17
			min N	<b>2.37</b>	0.00	-0.66	0.02	1.09	0.00	CO 9
			max V <sub>y</sub>	2.37	<b>0.00</b>	-0.66	0.02	1.09	0.00	CO 9
			min V <sub>y</sub>	7.44	<b>-0.02</b>	-2.10	0.73	2.82	-0.01	CO 18
			max V <sub>z</sub>	2.37	0.00	<b>-0.66</b>	0.02	1.09	0.00	CO 9
			min V <sub>z</sub>	7.52	-0.02	<b>-2.11</b>	0.74	2.81	-0.01	CO 17
			max M <sub>T</sub>	7.52	-0.02	-2.11	<b>0.74</b>	2.81	-0.01	CO 17
			min M <sub>T</sub>	2.37	0.00	-0.66	<b>0.02</b>	1.09	0.00	CO 9
			max M <sub>y</sub>	7.32	-0.02	-2.04	0.65	<b>2.84</b>	-0.01	CO 19
			min M <sub>y</sub>	2.70	0.00	-0.77	0.18	<b>1.05</b>	0.00	CO 1
			max M <sub>z</sub>	2.37	0.00	-0.66	0.02	1.09	<b>0.00</b>	CO 9
			min M <sub>z</sub>	7.52	-0.02	-2.11	0.74	2.81	<b>-0.01</b>	CO 17
			max N	<b>7.52</b>	-0.04	-2.21	0.74	3.42	-0.03	CO 17
			min N	<b>2.37</b>	0.00	-0.77	0.02	1.11	0.00	CO 9
			max V <sub>y</sub>	2.37	<b>0.00</b>	-0.77	0.02	1.11	0.00	CO 9
			min V <sub>y</sub>	7.52	<b>-0.04</b>	-2.21	0.74	3.42	-0.03	CO 17
			max V <sub>z</sub>	2.37	0.00	<b>-0.77</b>	0.02	1.11	0.00	CO 9
			min V <sub>z</sub>	7.52	-0.04	<b>-2.21</b>	0.74	3.42	-0.03	CO 17
			max M <sub>T</sub>	7.52	-0.04	-2.21	<b>0.74</b>	3.42	-0.03	CO 17
			min M <sub>T</sub>	2.37	0.00	-0.77	<b>0.02</b>	1.11	0.00	CO 9
			max M <sub>y</sub>	7.52	-0.04	-2.21	0.74	<b>3.42</b>	-0.03	CO 17
			min M <sub>y</sub>	2.37	0.00	-0.77	0.02	<b>1.11</b>	0.00	CO 9
			max M <sub>z</sub>	2.37	0.00	-0.77	0.02	1.11	<b>0.00</b>	CO 9
			min M <sub>z</sub>	7.52	-0.04	-2.21	0.74	3.42	<b>-0.03</b>	CO 17
		4.800	max N	<b>7.52</b>	-0.05	-3.73	0.74	0.75	0.00	CO 17
			min N	<b>2.37</b>	0.00	-1.35	0.02	0.16	0.00	CO 9
			max V <sub>y</sub>	2.37	<b>0.00</b>	-1.35	0.02	0.16	0.00	CO 9
			min V <sub>y</sub>	7.52	<b>-0.05</b>	-3.73	0.74	0.75	0.00	CO 17
			max V <sub>z</sub>	2.37	0.00	<b>-1.35</b>	0.02	0.16	0.00	CO 9
			min V <sub>z</sub>	7.52	-0.05	<b>-3.73</b>	0.74	0.75	0.00	CO 17
			max M <sub>T</sub>	7.52	-0.05	-3.73	<b>0.74</b>	0.75	0.00	CO 17
			min M <sub>T</sub>	2.37	0.00	-1.35	<b>0.02</b>	0.16	0.00	CO 9
			max M <sub>y</sub>	4.30	-0.01	-1.48	0.20	<b>0.86</b>	0.00	CO 11
			min M <sub>y</sub>	5.59	-0.04	-3.61	0.56	<b>0.04</b>	0.01	CO 16
			max M <sub>z</sub>	5.59	-0.04	-3.61	0.56	0.04	<b>0.01</b>	CO 16
			min M <sub>z</sub>	2.37	0.00	-1.35	0.02	0.16	<b>0.00</b>	CO 9
			max N	<b>-0.01</b>	-0.01	-2.24	0.34	3.16	-0.01	CO 1
			min N	<b>-0.39</b>	-0.04	-6.10	0.89	8.32	-0.05	CO 13
			max V <sub>y</sub>	-0.34	<b>0.00</b>	-2.13	0.05	3.03	0.00	CO 9
			min V <sub>y</sub>	-0.06	<b>-0.06</b>	-6.85	1.40	9.44	-0.08	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-0.34	0.00	<b>-2.13</b>	0.05	3.03	0.00	CO 9
			min V <sub>z</sub>	-0.06	-0.06	<b>-6.85</b>	1.40	9.44	-0.08	CO 17
			max M <sub>T</sub>	-0.06	-0.06	-6.85	<b>1.40</b>	9.44	-0.08	CO 17
			min M <sub>T</sub>	-0.34	0.00	-2.13	<b>0.05</b>	3.03	0.00	CO 9
			max M <sub>y</sub>	-0.06	-0.06	-6.85	1.40	<b>9.44</b>	-0.08	CO 17
			min M <sub>y</sub>	-0.34	0.00	-2.13	0.05	<b>3.03</b>	0.00	CO 9
			max M <sub>z</sub>	-0.34	0.00	-2.13	0.05	3.03	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.06	-0.06	-6.85	1.40	9.44	<b>-0.08</b>	CO 17
	3	6.000	max N	<b>0.00</b>	-0.05	-6.42	1.07	0.00	0.00	CO 16
			min N	<b>-0.37</b>	-0.02	-5.39	0.39	0.00	0.00	CO 11
			max V <sub>y</sub>	-0.34	<b>0.00</b>	-2.92	0.05	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.02	<b>-0.09</b>	-8.89	1.40	0.00	0.01	CO 17
			max V <sub>z</sub>	-0.34	0.00	<b>-2.92</b>	0.05	0.00	0.00	CO 9
			min V <sub>z</sub>	-0.02	-0.09	<b>-8.89</b>	1.40	0.00	0.01	CO 17
			max M <sub>T</sub>	-0.02	-0.09	-8.89	<b>1.40</b>	0.00	0.01	CO 17
			min M <sub>T</sub>	-0.34	0.00	-2.92	<b>0.05</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.02	-0.09	-8.89	1.40	<b>0.00</b>	0.01	CO 17
			min M <sub>y</sub>	-0.16	-0.07	-7.85	1.14	<b>0.00</b>	0.01	CO 12
			max M <sub>z</sub>	-0.02	-0.09	-8.89	1.40	0.00	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-0.34	0.00	-2.92	0.05	0.00	<b>0.00</b>	CO 9
		1.200	Max N	<b>7.52</b>	0.07	2.65	0.74	0.91	0.05	CO 17
		4.800	Min N	<b>-0.39</b>	-0.04	-6.10	0.89	8.32	-0.05	CO 13
		1.200	Max V <sub>y</sub>	7.52	<b>0.07</b>	2.65	0.74	0.91	0.05	CO 17
	3	6.000	Min V <sub>y</sub>	-0.02	<b>-0.09</b>	-8.89	1.40	0.00	0.01	CO 17
	2058	0.000	Max V <sub>z</sub>	-0.22	-0.03	<b>7.88</b>	0.17	0.00	0.00	CO 19
	3	6.000	Min V <sub>z</sub>	-0.02	-0.09	<b>-8.89</b>	1.40	0.00	0.01	CO 17
	3	6.000	Max M <sub>T</sub>	-0.02	-0.09	-8.89	<b>1.40</b>	0.00	0.01	CO 17
	2058	0.000	Min M <sub>T</sub>	-0.34	0.01	2.89	<b>0.00</b>	0.00	0.00	CO 9
		4.800	Max M <sub>y</sub>	-0.06	-0.06	-6.85	1.40	<b>9.44</b>	-0.08	CO 17
	3	6.000	Min M <sub>y</sub>	-0.16	-0.07	-7.85	1.14	<b>0.00</b>	0.01	CO 12
		1.200	Max M <sub>z</sub>	-0.05	-0.04	5.78	0.21	8.16	<b>0.05</b>	CO 17
		4.800	Min M <sub>z</sub>	-0.06	-0.06	-6.85	1.40	9.44	<b>-0.08</b>	CO 17
2392	2117	0.000	max N	<b>-0.06</b>	-0.01	2.92	0.04	0.00	0.00	CO 9
			min N	<b>-0.52</b>	0.05	8.91	1.23	0.00	-0.01	CO 17
			max V <sub>y</sub>	-0.52	<b>0.05</b>	8.91	1.23	0.00	-0.01	CO 17
			min V <sub>y</sub>	-0.06	<b>-0.01</b>	2.92	0.04	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.52	0.05	<b>8.91</b>	1.23	0.00	-0.01	CO 17
			min V <sub>z</sub>	-0.06	-0.01	<b>2.92</b>	0.04	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.52	0.05	8.91	<b>1.23</b>	0.00	-0.01	CO 17
			min M <sub>T</sub>	-0.06	-0.01	2.92	<b>0.04</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.52	0.05	8.91	1.23	<b>0.00</b>	-0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-0.37	0.03	7.87	0.98	<b>0.00</b>	-0.01	CO 12
			max M <sub>z</sub>	-0.06	-0.01	2.92	0.04	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.52	0.05	8.91	1.23	0.00	<b>-0.01</b>	CO 17
		1.200	max N	<b>-0.06</b>	-0.01	2.13	0.04	3.03	0.01	CO 9
			min N	<b>-0.55</b>	0.07	6.88	1.23	9.47	-0.09	CO 17
			max V <sub>y</sub>	-0.55	<b>0.07</b>	6.88	1.23	9.47	-0.09	CO 17
			min V <sub>y</sub>	-0.06	<b>-0.01</b>	2.13	0.04	3.03	0.01	CO 9
			max V <sub>z</sub>	-0.55	0.07	<b>6.88</b>	1.23	9.47	-0.09	CO 17
			min V <sub>z</sub>	-0.06	-0.01	<b>2.13</b>	0.04	3.03	0.01	CO 9
			max M <sub>T</sub>	-0.55	0.07	6.88	<b>1.23</b>	9.47	-0.09	CO 17
			min M <sub>T</sub>	-0.06	-0.01	2.13	<b>0.04</b>	3.03	0.01	CO 9
			max M <sub>y</sub>	-0.55	0.07	6.88	1.23	<b>9.47</b>	-0.09	CO 17
			min M <sub>y</sub>	-0.06	-0.01	2.13	0.04	<b>3.03</b>	0.01	CO 9
			max M <sub>z</sub>	-0.06	-0.01	2.13	0.04	3.03	<b>0.01</b>	CO 9
			min M <sub>z</sub>	-0.55	0.07	6.88	1.23	9.47	<b>-0.09</b>	CO 17
			max N	<b>7.39</b>	-0.04	3.66	0.61	0.73	-0.04	CO 19
			min N	<b>2.59</b>	-0.01	1.47	0.17	0.13	-0.01	CO 1
			max V <sub>y</sub>	2.69	<b>0.01</b>	1.45	0.14	0.13	0.01	CO 8
			min V <sub>y</sub>	7.30	<b>-0.05</b>	3.73	0.70	0.72	-0.05	CO 17
			max V <sub>z</sub>	7.30	-0.05	<b>3.73</b>	0.70	0.72	-0.05	CO 17
			min V <sub>z</sub>	2.74	0.01	<b>1.35</b>	0.02	0.14	0.01	CO 9
			max M <sub>T</sub>	7.30	-0.05	3.73	<b>0.70</b>	0.72	-0.05	CO 17
			min M <sub>T</sub>	2.74	0.01	1.35	<b>0.02</b>	0.14	0.01	CO 9
			max M <sub>y</sub>	4.65	0.00	1.48	0.19	<b>0.84</b>	0.00	CO 11
			min M <sub>y</sub>	5.38	-0.04	3.61	0.53	<b>0.02</b>	-0.04	CO 16
			max M <sub>z</sub>	2.74	0.01	1.35	0.02	0.14	<b>0.01</b>	CO 9
			min M <sub>z</sub>	7.30	-0.05	3.73	0.70	0.72	<b>-0.05</b>	CO 17
		2.100	max N	<b>7.38</b>	-0.04	2.15	0.61	3.34	-0.01	CO 19
			min N	<b>2.59</b>	-0.01	0.88	0.17	1.18	0.00	CO 1
			max V <sub>y</sub>	2.73	<b>0.01</b>	0.76	0.02	1.10	0.00	CO 9
			min V <sub>y</sub>	7.29	<b>-0.05</b>	2.21	0.70	3.40	-0.01	CO 17
			max V <sub>z</sub>	7.29	-0.05	<b>2.21</b>	0.70	3.40	-0.01	CO 17
			min V <sub>z</sub>	2.73	0.01	<b>0.76</b>	0.02	1.10	0.00	CO 9
			max M <sub>T</sub>	7.29	-0.05	2.21	<b>0.70</b>	3.40	-0.01	CO 17
			min M <sub>T</sub>	2.73	0.01	0.76	<b>0.02</b>	1.10	0.00	CO 9
			max M <sub>y</sub>	7.29	-0.05	2.21	0.70	<b>3.40</b>	-0.01	CO 17
			min M <sub>y</sub>	2.73	0.01	0.76	0.02	<b>1.10</b>	0.00	CO 9
			max M <sub>z</sub>	2.59	-0.01	0.88	0.17	1.18	<b>0.00</b>	CO 1
			min M <sub>z</sub>	7.35	-0.04	2.20	0.69	3.39	<b>-0.01</b>	CO 18
			max N	<b>7.38</b>	0.04	2.04	0.61	2.82	0.01	CO 19
			min N	<b>2.59</b>	0.01	0.77	0.17	1.04	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	7.29	<b>0.04</b>	2.10	0.70	2.80	0.01	CO 17
			min V <sub>y</sub>	2.73	<b>0.00</b>	0.66	0.02	1.08	0.00	CO 9
			max V <sub>z</sub>	7.29	0.04	<b>2.10</b>	0.70	2.80	0.01	CO 17
			min V <sub>z</sub>	2.73	0.00	<b>0.66</b>	0.02	1.08	0.00	CO 9
			max M <sub>T</sub>	7.29	0.04	2.10	<b>0.70</b>	2.80	0.01	CO 17
			min M <sub>T</sub>	2.73	0.00	0.66	<b>0.02</b>	1.08	0.00	CO 9
			max M <sub>y</sub>	7.38	0.04	2.04	0.61	<b>2.82</b>	0.01	CO 19
			min M <sub>y</sub>	2.59	0.01	0.77	0.17	<b>1.04</b>	0.00	CO 1
			max M <sub>z</sub>	7.29	0.04	2.10	0.70	2.80	<b>0.01</b>	CO 17
			min M <sub>z</sub>	2.73	0.00	0.66	0.02	1.08	<b>0.00</b>	CO 9
		3.000	max N	<b>7.37</b>	0.03	0.52	0.61	3.97	-0.02	CO 19
			min N	<b>2.59</b>	0.01	0.18	0.17	1.47	0.00	CO 1
			max V <sub>y</sub>	7.28	<b>0.04</b>	0.59	0.70	4.01	-0.03	CO 17
			min V <sub>y</sub>	2.73	<b>0.00</b>	0.07	0.02	1.41	0.00	CO 9
			max V <sub>z</sub>	7.28	0.04	<b>0.59</b>	0.70	4.01	-0.03	CO 17
			min V <sub>z</sub>	2.73	0.00	<b>0.07</b>	0.02	1.41	0.00	CO 9
			max M <sub>T</sub>	7.28	0.04	0.59	<b>0.70</b>	4.01	-0.03	CO 17
			min M <sub>T</sub>	2.73	0.00	0.07	<b>0.02</b>	1.41	0.00	CO 9
			max M <sub>y</sub>	7.28	0.04	0.59	0.70	<b>4.01</b>	-0.03	CO 17
			min M <sub>y</sub>	2.73	0.00	0.07	0.02	<b>1.41</b>	0.00	CO 9
			max M <sub>z</sub>	2.73	0.00	0.07	0.02	1.41	<b>0.00</b>	CO 9
			min M <sub>z</sub>	7.28	0.04	0.59	0.70	4.01	<b>-0.03</b>	CO 17
			max N	<b>7.37</b>	0.01	0.41	0.61	3.47	-0.01	CO 19
			min N	<b>2.59</b>	0.00	0.07	0.17	1.34	0.00	CO 1
			max V <sub>y</sub>	7.34	<b>0.02</b>	0.47	0.69	3.44	-0.01	CO 18
			min V <sub>y</sub>	2.73	<b>0.00</b>	-0.04	0.02	1.40	0.00	CO 9
			max V <sub>z</sub>	7.28	0.02	<b>0.48</b>	0.70	3.44	-0.01	CO 17
			min V <sub>z</sub>	2.73	0.00	<b>-0.04</b>	0.02	1.40	0.00	CO 9
			max M <sub>T</sub>	7.28	0.02	0.48	<b>0.70</b>	3.44	-0.01	CO 17
			min M <sub>T</sub>	2.73	0.00	-0.04	<b>0.02</b>	1.40	0.00	CO 9
			max M <sub>y</sub>	7.37	0.01	0.41	0.61	<b>3.47</b>	-0.01	CO 19
			min M <sub>y</sub>	2.59	0.00	0.07	0.17	<b>1.34</b>	0.00	CO 1
			max M <sub>z</sub>	2.69	0.00	0.06	0.15	1.34	<b>0.00</b>	CO 8
			min M <sub>z</sub>	7.28	0.02	0.48	0.70	3.44	<b>-0.01</b>	CO 17
		3.900	max N	<b>7.37</b>	0.01	-1.10	0.61	3.16	-0.02	CO 19
			min N	<b>2.59</b>	0.00	-0.52	0.17	1.14	0.00	CO 1
			max V <sub>y</sub>	6.54	<b>0.01</b>	-0.85	0.57	2.80	-0.02	CO 12
			min V <sub>y</sub>	2.73	<b>0.00</b>	-0.63	0.02	1.10	0.00	CO 9
			max V <sub>z</sub>	4.50	0.01	<b>-0.38</b>	0.34	1.90	-0.01	CO 2
			min V <sub>z</sub>	5.46	0.00	<b>-1.24</b>	0.44	2.40	-0.01	CO 21
			max M <sub>T</sub>	7.28	0.01	-1.03	<b>0.70</b>	3.19	-0.02	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	2.73	0.00	-0.63	<b>0.02</b>	1.10	0.00	CO 9
			max M <sub>y</sub>	7.28	0.01	-1.03	0.70	<b>3.19</b>	-0.02	CO 17
			min M <sub>y</sub>	2.73	0.00	-0.63	0.02	<b>1.10</b>	0.00	CO 9
			max M <sub>z</sub>	2.73	0.00	-0.63	0.02	1.10	<b>0.00</b>	CO 9
			min M <sub>z</sub>	7.34	0.01	-1.04	0.69	3.18	<b>-0.02</b>	CO 18
			max N	<b>7.37</b>	0.02	-1.21	0.61	2.63	0.00	CO 19
			min N	<b>2.59</b>	0.01	-0.62	0.17	0.99	0.00	CO 1
			max V <sub>y</sub>	7.28	<b>0.02</b>	-1.14	0.70	2.58	0.00	CO 17
			min V <sub>y</sub>	2.73	<b>0.00</b>	-0.74	0.02	1.08	0.00	CO 9
			max V <sub>z</sub>	4.50	0.01	<b>-0.49</b>	0.34	1.60	0.00	CO 2
			min V <sub>z</sub>	5.46	0.01	<b>-1.34</b>	0.44	2.02	0.00	CO 21
			max M <sub>T</sub>	7.28	0.02	-1.14	<b>0.70</b>	2.58	0.00	CO 17
			min M <sub>T</sub>	2.73	0.00	-0.74	<b>0.02</b>	1.08	0.00	CO 9
			max M <sub>y</sub>	7.37	0.02	-1.21	0.61	<b>2.63</b>	0.00	CO 19
			min M <sub>y</sub>	2.59	0.01	-0.62	0.17	<b>0.99</b>	0.00	CO 1
			max M <sub>z</sub>	2.59	0.01	-0.62	0.17	0.99	<b>0.00</b>	CO 1
			min M <sub>z</sub>	7.34	0.02	-1.15	0.69	2.59	<b>0.00</b>	CO 18
		4.800	max N	<b>7.38</b>	0.01	-2.73	0.61	0.86	-0.02	CO 19
			min N	<b>2.59</b>	0.00	-1.21	0.17	0.17	0.00	CO 1
			max V <sub>y</sub>	7.28	<b>0.01</b>	-2.66	0.70	0.87	-0.02	CO 17
			min V <sub>y</sub>	2.74	<b>0.00</b>	-1.32	0.02	0.15	0.00	CO 9
			max V <sub>z</sub>	4.50	0.01	<b>-1.08</b>	0.34	0.90	-0.01	CO 2
			min V <sub>z</sub>	5.46	0.01	<b>-2.87</b>	0.44	0.12	-0.01	CO 21
			max M <sub>T</sub>	7.28	0.01	-2.66	<b>0.70</b>	0.87	-0.02	CO 17
			min M <sub>T</sub>	2.74	0.00	-1.32	<b>0.02</b>	0.15	0.00	CO 9
			max M <sub>y</sub>	4.50	0.01	-1.08	0.34	<b>0.90</b>	-0.01	CO 2
			min M <sub>y</sub>	5.46	0.01	-2.87	0.44	<b>0.12</b>	-0.01	CO 21
			max M <sub>z</sub>	2.74	0.00	-1.32	0.02	0.15	<b>0.00</b>	CO 9
			min M <sub>z</sub>	7.28	0.01	-2.66	0.70	0.87	<b>-0.02</b>	CO 17
			max N	<b>-0.07</b>	0.00	-2.10	-0.01	2.99	0.00	CO 9
			min N	<b>-0.57</b>	-0.03	-5.81	0.01	8.19	-0.04	CO 17
			max V <sub>y</sub>	-0.07	<b>0.00</b>	-2.10	-0.01	2.99	0.00	CO 9
			min V <sub>y</sub>	-0.57	<b>-0.03</b>	-5.81	0.01	8.19	-0.04	CO 17
			max V <sub>z</sub>	-0.21	0.00	<b>-1.99</b>	0.01	2.86	0.00	CO 1
			min V <sub>z</sub>	-0.48	-0.02	<b>-5.87</b>	0.01	8.27	-0.04	CO 19
			max M <sub>T</sub>	-0.38	-0.01	-3.60	<b>0.03</b>	5.55	-0.02	CO 20
			min M <sub>T</sub>	-0.07	0.00	-2.10	<b>-0.01</b>	2.99	0.00	CO 9
			max M <sub>y</sub>	-0.48	-0.02	-5.87	0.01	<b>8.27</b>	-0.04	CO 19
			min M <sub>y</sub>	-0.21	0.00	-1.99	0.01	<b>2.86</b>	0.00	CO 1
			max M <sub>z</sub>	-0.07	0.00	-2.10	-0.01	2.99	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.57	-0.03	-5.81	0.01	8.19	<b>-0.04</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2118	6.000	max N	<b>-0.06</b>	0.00	-2.89	-0.01	0.00	0.00	CO 9
			min N	<b>-0.55</b>	-0.04	-7.84	0.01	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.06	<b>0.00</b>	-2.89	-0.01	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.55	<b>-0.04</b>	-7.84	0.01	0.00	0.00	CO 17
			max V <sub>z</sub>	-0.21	0.00	<b>-2.78</b>	0.01	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.46	-0.03	<b>-7.91</b>	0.01	0.00	0.00	CO 19
			max M <sub>T</sub>	-0.43	-0.02	-5.63	<b>0.02</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	-0.06	0.00	-2.89	<b>-0.01</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.43	-0.02	-5.63	0.02	<b>0.00</b>	0.00	CO 16
			min M <sub>y</sub>	-0.26	-0.01	-4.79	0.02	<b>0.00</b>	0.00	CO 14
			max M <sub>z</sub>	-0.43	-0.02	-5.63	0.02	0.00	<b>0.00</b>	CO 16
			min M <sub>z</sub>	-0.19	0.00	-5.10	-0.01	0.00	<b>0.00</b>	CO 11
		1.200	Max N	<b>7.39</b>	-0.04	3.66	0.61	0.73	-0.04	CO 19
		4.800	Min N	<b>-0.57</b>	-0.03	-5.81	0.01	8.19	-0.04	CO 17
		1.200	Max V <sub>y</sub>	-0.55	<b>0.07</b>	6.88	1.23	9.47	-0.09	CO 17
		2.100	Min V <sub>y</sub>	7.29	<b>-0.05</b>	2.21	0.70	3.40	-0.01	CO 17
	2117	0.000	Max V <sub>z</sub>	-0.52	0.05	<b>8.91</b>	1.23	0.00	-0.01	CO 17
	2118	6.000	Min V <sub>z</sub>	-0.46	-0.03	<b>-7.91</b>	0.01	0.00	0.00	CO 19
	2117	0.000	Max M <sub>T</sub>	-0.52	0.05	8.91	<b>1.23</b>	0.00	-0.01	CO 17
	2118	6.000	Min M <sub>T</sub>	-0.06	0.00	-2.89	<b>-0.01</b>	0.00	0.00	CO 9
		1.200	Max M <sub>y</sub>	-0.55	0.07	6.88	1.23	<b>9.47</b>	-0.09	CO 17
	2117	0.000	Min M <sub>y</sub>	-0.37	0.03	7.87	0.98	<b>0.00</b>	-0.01	CO 12
		2.100	Max M <sub>z</sub>	7.29	0.04	2.10	0.70	2.80	<b>0.01</b>	CO 17
		1.200	Min M <sub>z</sub>	-0.55	0.07	6.88	1.23	9.47	<b>-0.09</b>	CO 17
2393	2061	0.000	max N	<b>0.40</b>	0.00	0.11	-0.68	0.00	0.00	CO 18
			min N	<b>0.04</b>	0.00	0.11	-0.01	0.00	0.00	CO 9
			max V <sub>y</sub>	0.40	<b>0.00</b>	0.11	-0.68	0.00	0.00	CO 18
			min V <sub>y</sub>	0.04	<b>0.00</b>	0.11	-0.01	0.00	0.00	CO 9
			max V <sub>z</sub>	0.40	0.00	<b>0.11</b>	-0.68	0.00	0.00	CO 18
			min V <sub>z</sub>	0.04	0.00	<b>0.11</b>	-0.01	0.00	0.00	CO 9
			max M <sub>T</sub>	0.04	0.00	0.11	<b>-0.01</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.40	0.00	0.11	<b>-0.70</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.29	0.00	0.11	-0.44	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	0.34	0.00	0.11	-0.56	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.04	0.00	0.11	-0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.40	0.00	0.11	-0.70	0.00	<b>0.00</b>	CO 17
	2060	0.900	max N	<b>0.39</b>	0.00	-0.11	-0.68	0.00	0.00	CO 18
			min N	<b>0.03</b>	0.00	-0.11	-0.01	0.00	0.00	CO 9
			max V <sub>y</sub>	0.03	<b>0.00</b>	-0.11	-0.01	0.00	0.00	CO 9
			min V <sub>y</sub>	0.39	<b>0.00</b>	-0.11	-0.68	0.00	0.00	CO 18
			max V <sub>z</sub>	0.03	0.00	<b>-0.11</b>	-0.01	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	0.39	0.00	<b>-0.11</b>	-0.70	0.00	0.00	CO 17
			max M <sub>T</sub>	0.03	0.00	-0.11	<b>-0.01</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.39	0.00	-0.11	<b>-0.70</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.28	0.00	-0.11	-0.44	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	0.34	0.00	-0.11	-0.56	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.03	0.00	-0.11	-0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.39	0.00	-0.11	-0.70	0.00	<b>0.00</b>	CO 17
	2061	0.000	Max N	<b>0.40</b>	0.00	0.11	-0.68	0.00	0.00	CO 18
	2060	0.900	Min N	<b>0.03</b>	0.00	-0.11	-0.01	0.00	0.00	CO 9
	2061	0.000	Max V <sub>y</sub>	0.40	<b>0.00</b>	0.11	-0.68	0.00	0.00	CO 18
	2060	0.900	Min V <sub>y</sub>	0.39	<b>0.00</b>	-0.11	-0.68	0.00	0.00	CO 18
	2061	0.000	Max V <sub>z</sub>	0.40	0.00	<b>0.11</b>	-0.68	0.00	0.00	CO 18
	2060	0.900	Min V <sub>z</sub>	0.39	0.00	<b>-0.11</b>	-0.70	0.00	0.00	CO 17
		0.360	Max M <sub>T</sub>	0.04	0.00	0.02	<b>-0.01</b>	0.02	0.00	CO 9
		0.360	Min M <sub>T</sub>	0.39	0.00	0.02	<b>-0.70</b>	0.02	0.00	CO 17
		0.450	Max M <sub>y</sub>	0.29	0.00	0.00	-0.44	<b>0.02</b>	0.00	CO 13
	2061	0.000	Min M <sub>y</sub>	0.34	0.00	0.11	-0.56	<b>0.00</b>	0.00	CO 12
	2061	0.000	Max M <sub>z</sub>	0.04	0.00	0.11	-0.01	0.00	<b>0.00</b>	CO 9
		0.360	Min M <sub>z</sub>	0.39	0.00	0.02	-0.70	0.02	<b>0.00</b>	CO 17
2394	2063	0.000	max N	<b>0.10</b>	0.00	0.11	-0.60	0.00	0.00	CO 17
			min N	<b>-0.01</b>	0.00	0.11	-0.01	0.00	0.00	CO 9
			max V <sub>y</sub>	0.08	<b>0.00</b>	0.11	-0.59	0.00	0.00	CO 18
			min V <sub>y</sub>	-0.01	<b>0.00</b>	0.11	-0.01	0.00	0.00	CO 9
			max V <sub>z</sub>	0.10	0.00	<b>0.11</b>	-0.60	0.00	0.00	CO 17
			min V <sub>z</sub>	-0.01	0.00	<b>0.11</b>	-0.01	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.01	0.00	0.11	<b>-0.01</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.10	0.00	0.11	<b>-0.60</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.05	0.00	0.11	-0.38	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	0.05	0.00	0.11	-0.49	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-0.01	0.00	0.11	-0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.10	0.00	0.11	-0.60	0.00	<b>0.00</b>	CO 17
	2062	0.900	max N	<b>0.09</b>	0.00	-0.11	-0.60	0.00	0.00	CO 17
			min N	<b>-0.02</b>	0.00	-0.11	-0.01	0.00	0.00	CO 9
			max V <sub>y</sub>	-0.02	<b>0.00</b>	-0.11	-0.01	0.00	0.00	CO 9
			min V <sub>y</sub>	0.08	<b>0.00</b>	-0.11	-0.59	0.00	0.00	CO 18
			max V <sub>z</sub>	-0.02	0.00	<b>-0.11</b>	-0.01	0.00	0.00	CO 9
			min V <sub>z</sub>	0.09	0.00	<b>-0.11</b>	-0.60	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.02	0.00	-0.11	<b>-0.01</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.09	0.00	-0.11	<b>-0.60</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.04	0.00	-0.11	-0.38	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	0.05	0.00	-0.11	-0.49	<b>0.00</b>	0.00	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-0.02	0.00	-0.11	-0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.09	0.00	-0.11	-0.60	0.00	<b>0.00</b>	CO 17
	2063	0.000	Max N	<b>0.10</b>	0.00	0.11	-0.60	0.00	0.00	CO 17
	2062	0.900	Min N	<b>-0.02</b>	0.00	-0.11	-0.01	0.00	0.00	CO 9
	2063	0.000	Max V <sub>y</sub>	0.08	<b>0.00</b>	0.11	-0.59	0.00	0.00	CO 18
	2062	0.900	Min V <sub>y</sub>	0.08	<b>0.00</b>	-0.11	-0.59	0.00	0.00	CO 18
	2063	0.000	Max V <sub>z</sub>	0.10	0.00	<b>0.11</b>	-0.60	0.00	0.00	CO 17
	2062	0.900	Min V <sub>z</sub>	0.09	0.00	<b>-0.11</b>	-0.60	0.00	0.00	CO 17
		0.360	Max M <sub>T</sub>	-0.01	0.00	0.02	<b>-0.01</b>	0.02	0.00	CO 9
		0.360	Min M <sub>T</sub>	0.09	0.00	0.02	<b>-0.60</b>	0.02	0.00	CO 17
		0.450	Max M <sub>y</sub>	0.05	0.00	0.00	-0.38	<b>0.02</b>	0.00	CO 13
	2063	0.000	Min M <sub>y</sub>	0.05	0.00	0.11	-0.49	<b>0.00</b>	0.00	CO 12
	2063	0.000	Max M <sub>z</sub>	-0.01	0.00	0.11	-0.01	0.00	<b>0.00</b>	CO 9
		0.360	Min M <sub>z</sub>	0.09	0.00	0.02	-0.60	0.02	<b>0.00</b>	CO 17
2395	2065	0.000	max N	<b>0.01</b>	0.00	0.11	-0.02	0.00	0.00	CO 9
			min N	<b>-0.02</b>	0.00	0.11	-0.57	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.02	<b>0.00</b>	0.11	-0.56	0.00	0.00	CO 18
			min V <sub>y</sub>	0.01	<b>0.00</b>	0.11	-0.02	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.02	0.00	<b>0.11</b>	-0.57	0.00	0.00	CO 17
			min V <sub>z</sub>	0.01	0.00	<b>0.11</b>	-0.02	0.00	0.00	CO 9
			max M <sub>T</sub>	0.01	0.00	0.11	<b>-0.02</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-0.02	0.00	0.11	<b>-0.57</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-0.01	0.00	0.11	-0.36	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-0.01	0.00	0.11	-0.47	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.01	0.00	0.11	-0.02	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.02	0.00	0.11	-0.57	0.00	<b>0.00</b>	CO 17
	2064	0.900	max N	<b>0.00</b>	0.00	-0.11	-0.02	0.00	0.00	CO 9
			min N	<b>-0.03</b>	0.00	-0.11	-0.57	0.00	0.00	CO 17
			max V <sub>y</sub>	0.00	<b>0.00</b>	-0.11	-0.02	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.02	<b>0.00</b>	-0.11	-0.56	0.00	0.00	CO 18
			max V <sub>z</sub>	0.00	0.00	<b>-0.11</b>	-0.02	0.00	0.00	CO 9
			min V <sub>z</sub>	-0.03	0.00	<b>-0.11</b>	-0.57	0.00	0.00	CO 17
			max M <sub>T</sub>	0.00	0.00	-0.11	<b>-0.02</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-0.03	0.00	-0.11	<b>-0.57</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-0.01	0.00	-0.11	-0.36	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-0.02	0.00	-0.11	-0.47	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.00	0.00	-0.11	-0.02	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.03	0.00	-0.11	-0.57	0.00	<b>0.00</b>	CO 17
	2065	0.000	Max N	<b>0.01</b>	0.00	0.11	-0.02	0.00	0.00	CO 9
	2064	0.900	Min N	<b>-0.03</b>	0.00	-0.11	-0.57	0.00	0.00	CO 17
	2065	0.000	Max V <sub>y</sub>	-0.02	<b>0.00</b>	0.11	-0.56	0.00	0.00	CO 18



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2064	0.900	Min V <sub>y</sub>	-0.02	<b>0.00</b>	-0.11	-0.56	0.00	0.00	CO 18
	2065	0.000	Max V <sub>z</sub>	-0.02	0.00	<b>0.11</b>	-0.57	0.00	0.00	CO 17
	2064	0.900	Min V <sub>z</sub>	-0.03	0.00	<b>-0.11</b>	-0.57	0.00	0.00	CO 17
		0.360	Max M <sub>T</sub>	0.00	0.00	0.02	<b>-0.02</b>	0.02	0.00	CO 9
		0.360	Min M <sub>T</sub>	-0.02	0.00	0.02	<b>-0.57</b>	0.02	0.00	CO 17
		0.450	Max M <sub>y</sub>	-0.01	0.00	0.00	-0.36	<b>0.02</b>	0.00	CO 13
	2065	0.000	Min M <sub>y</sub>	-0.01	0.00	0.11	-0.47	<b>0.00</b>	0.00	CO 12
	2065	0.000	Max M <sub>z</sub>	0.01	0.00	0.11	-0.02	0.00	<b>0.00</b>	CO 9
		0.360	Min M <sub>z</sub>	-0.02	0.00	0.02	-0.57	0.02	<b>0.00</b>	CO 17
2396	2067	0.000	max N	<b>0.02</b>	0.00	0.11	-0.61	0.00	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.11	-0.02	0.00	0.00	CO 9
			max V <sub>y</sub>	0.01	<b>0.00</b>	0.11	-0.60	0.00	0.00	CO 18
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.11	-0.02	0.00	0.00	CO 9
			max V <sub>z</sub>	0.02	0.00	<b>0.11</b>	-0.61	0.00	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>0.11</b>	-0.02	0.00	0.00	CO 9
			max M <sub>T</sub>	0.00	0.00	0.11	<b>-0.02</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.02	0.00	0.11	<b>-0.61</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.01	0.00	0.11	-0.39	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	0.01	0.00	0.11	-0.50	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.00	0.00	0.11	-0.02	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.02	0.00	0.11	-0.61	0.00	<b>0.00</b>	CO 17
	2066	0.900	max N	<b>0.01</b>	0.00	-0.11	-0.61	0.00	0.00	CO 17
			min N	<b>-0.01</b>	0.00	-0.11	-0.02	0.00	0.00	CO 9
			max V <sub>y</sub>	0.01	<b>0.00</b>	-0.11	-0.53	0.00	0.00	CO 19
			min V <sub>y</sub>	-0.01	<b>0.00</b>	-0.11	-0.13	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.01	0.00	<b>-0.11</b>	-0.02	0.00	0.00	CO 9
			min V <sub>z</sub>	0.01	0.00	<b>-0.11</b>	-0.61	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.01	0.00	-0.11	<b>-0.02</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.01	0.00	-0.11	<b>-0.61</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.00	0.00	-0.11	-0.39	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	0.00	0.00	-0.11	-0.50	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-0.01	0.00	-0.11	-0.02	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.01	0.00	-0.11	-0.61	0.00	<b>0.00</b>	CO 17
	2067	0.000	Max N	<b>0.02</b>	0.00	0.11	-0.61	0.00	0.00	CO 17
	2066	0.900	Min N	<b>-0.01</b>	0.00	-0.11	-0.02	0.00	0.00	CO 9
	2066	0.900	Max V <sub>y</sub>	0.01	<b>0.00</b>	-0.11	-0.53	0.00	0.00	CO 19
	2067	0.000	Min V <sub>y</sub>	0.00	<b>0.00</b>	0.11	-0.02	0.00	0.00	CO 9
	2067	0.000	Max V <sub>z</sub>	0.02	0.00	<b>0.11</b>	-0.61	0.00	0.00	CO 17
	2066	0.900	Min V <sub>z</sub>	0.01	0.00	<b>-0.11</b>	-0.61	0.00	0.00	CO 17
		0.360	Max M <sub>T</sub>	0.00	0.00	0.02	<b>-0.02</b>	0.02	0.00	CO 9
		0.360	Min M <sub>T</sub>	0.02	0.00	0.02	<b>-0.61</b>	0.02	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		0.450	Max M <sub>y</sub>	0.00	0.00	0.00	-0.39	<b>0.02</b>	0.00	CO 13
	2066	0.900	Min M <sub>y</sub>	0.00	0.00	-0.11	-0.50	<b>0.00</b>	0.00	CO 12
		0.540	Max M <sub>z</sub>	-0.01	0.00	-0.02	-0.02	0.02	<b>0.00</b>	CO 9
	2066	0.900	Min M <sub>z</sub>	0.01	0.00	-0.11	-0.61	0.00	<b>0.00</b>	CO 17
2397	2069	0.000	max N	<b>0.63</b>	0.00	0.11	-0.73	0.00	0.00	CO 17
			min N	<b>0.03</b>	0.00	0.11	-0.03	0.00	0.00	CO 9
			max V <sub>y</sub>	0.14	<b>0.00</b>	0.11	-0.15	0.00	0.00	CO 8
			min V <sub>y</sub>	0.42	<b>0.00</b>	0.11	-0.47	0.00	0.00	CO 13
			max V <sub>z</sub>	0.63	0.00	<b>0.11</b>	-0.73	0.00	0.00	CO 17
			min V <sub>z</sub>	0.03	0.00	<b>0.11</b>	-0.03	0.00	0.00	CO 9
			max M <sub>T</sub>	0.03	0.00	0.11	<b>-0.03</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.63	0.00	0.11	<b>-0.73</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.42	0.00	0.11	-0.47	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	0.52	0.00	0.11	-0.59	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.03	0.00	0.11	-0.03	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.63	0.00	0.11	-0.73	0.00	<b>0.00</b>	CO 17
	2068	0.900	max N	<b>0.63</b>	0.00	-0.11	-0.73	0.00	0.00	CO 17
			min N	<b>0.03</b>	0.00	-0.11	-0.03	0.00	0.00	CO 9
			max V <sub>y</sub>	0.56	<b>0.00</b>	-0.11	-0.64	0.00	0.00	CO 19
			min V <sub>y</sub>	0.13	<b>0.00</b>	-0.11	-0.15	0.00	0.00	CO 8
			max V <sub>z</sub>	0.03	0.00	<b>-0.11</b>	-0.03	0.00	0.00	CO 9
			min V <sub>z</sub>	0.62	0.00	<b>-0.11</b>	-0.72	0.00	0.00	CO 18
			max M <sub>T</sub>	0.03	0.00	-0.11	<b>-0.03</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	0.63	0.00	-0.11	<b>-0.73</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.41	0.00	-0.11	-0.47	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	0.51	0.00	-0.11	-0.59	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.03	0.00	-0.11	-0.03	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.63	0.00	-0.11	-0.73	0.00	<b>0.00</b>	CO 17
	2069	0.000	Max N	<b>0.63</b>	0.00	0.11	-0.73	0.00	0.00	CO 17
	2068	0.900	Min N	<b>0.03</b>	0.00	-0.11	-0.03	0.00	0.00	CO 9
	2068	0.900	Max V <sub>y</sub>	0.56	<b>0.00</b>	-0.11	-0.64	0.00	0.00	CO 19
	2069	0.000	Min V <sub>y</sub>	0.42	<b>0.00</b>	0.11	-0.47	0.00	0.00	CO 13
	2069	0.000	Max V <sub>z</sub>	0.63	0.00	<b>0.11</b>	-0.73	0.00	0.00	CO 17
	2068	0.900	Min V <sub>z</sub>	0.62	0.00	<b>-0.11</b>	-0.72	0.00	0.00	CO 18
		0.360	Max M <sub>T</sub>	0.03	0.00	0.02	<b>-0.03</b>	0.02	0.00	CO 9
		0.360	Min M <sub>T</sub>	0.63	0.00	0.02	<b>-0.73</b>	0.02	0.00	CO 17
		0.450	Max M <sub>y</sub>	0.41	0.00	0.00	-0.47	<b>0.02</b>	0.00	CO 13
	2068	0.900	Min M <sub>y</sub>	0.51	0.00	-0.11	-0.59	<b>0.00</b>	0.00	CO 12
		0.540	Max M <sub>z</sub>	0.03	0.00	-0.02	-0.03	0.02	<b>0.00</b>	CO 9
	2068	0.900	Min M <sub>z</sub>	0.63	0.00	-0.11	-0.73	0.00	<b>0.00</b>	CO 17
2398	2074	0.000	max N	<b>-0.02</b>	0.00	0.09	0.00	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-0.51</b>	0.00	0.09	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.02	<b>0.00</b>	0.09	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.40	<b>0.00</b>	0.09	0.00	0.00	0.00	CO 12
			max V <sub>z</sub>	-0.07	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.46	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 19
			max M <sub>T</sub>	-0.02	0.00	0.09	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-0.51	0.00	0.09	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-0.02	0.00	0.09	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-0.35	0.00	0.09	0.00	<b>0.00</b>	0.00	CO 20
			max M <sub>z</sub>	-0.02	0.00	0.09	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.40	0.00	0.09	0.00	0.00	<b>0.00</b>	CO 12
	2075	0.900	max N	<b>-0.02</b>	0.00	-0.09	0.00	0.00	0.00	CO 9
			min N	<b>-0.51</b>	0.00	-0.09	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.02	<b>0.00</b>	-0.09	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.40	<b>0.00</b>	-0.09	0.00	0.00	0.00	CO 12
			max V <sub>z</sub>	-0.07	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.46	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 19
			max M <sub>T</sub>	-0.02	0.00	-0.09	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-0.51	0.00	-0.09	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-0.02	0.00	-0.09	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-0.51	0.00	-0.09	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-0.40	0.00	-0.09	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-0.02	0.00	-0.09	0.00	0.00	<b>0.00</b>	CO 9
	2075	0.900	Max N	<b>-0.02</b>	0.00	-0.09	0.00	0.00	0.00	CO 9
	2075	0.900	Min N	<b>-0.51</b>	0.00	-0.09	0.00	0.00	0.00	CO 17
	2074	0.000	Max V <sub>y</sub>	-0.02	<b>0.00</b>	0.09	0.00	0.00	0.00	CO 9
		0.360	Min V <sub>y</sub>	-0.40	<b>0.00</b>	0.02	0.00	0.02	0.00	CO 12
	2074	0.000	Max V <sub>z</sub>	-0.07	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 8
	2075	0.900	Min V <sub>z</sub>	-0.46	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 19
		0.360	Max M <sub>T</sub>	-0.02	0.00	0.02	<b>0.00</b>	0.02	0.00	CO 9
		0.360	Min M <sub>T</sub>	-0.51	0.00	0.02	<b>0.00</b>	0.02	0.00	CO 17
		0.450	Max M <sub>y</sub>	-0.02	0.00	0.00	0.00	<b>0.02</b>	0.00	CO 9
	2075	0.900	Min M <sub>y</sub>	-0.51	0.00	-0.09	0.00	<b>0.00</b>	0.00	CO 17
	2075	0.900	Max M <sub>z</sub>	-0.40	0.00	-0.09	0.00	0.00	<b>0.00</b>	CO 12
	2074	0.000	Min M <sub>z</sub>	-0.40	0.00	0.09	0.00	0.00	<b>0.00</b>	CO 12
2399	2076	0.000	max N	<b>-0.02</b>	0.00	0.09	0.00	0.00	0.00	CO 9
			min N	<b>-0.65</b>	0.00	0.09	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.02	<b>0.00</b>	0.09	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.52	<b>0.00</b>	0.09	0.00	0.00	0.00	CO 12
			max V <sub>z</sub>	-0.02	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-0.63	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-0.02	0.00	0.09	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-0.65	0.00	0.09	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-0.02	0.00	0.09	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-0.49	0.00	0.09	0.00	<b>0.00</b>	0.00	CO 16
			max M <sub>z</sub>	-0.02	0.00	0.09	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.52	0.00	0.09	0.00	0.00	<b>0.00</b>	CO 12
	2077	0.900	max N	<b>-0.02</b>	0.00	-0.09	0.00	0.00	0.00	CO 9
			min N	<b>-0.65</b>	0.00	-0.09	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.02	<b>0.00</b>	-0.09	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.53	<b>0.00</b>	-0.09	0.00	0.00	0.00	CO 12
			max V <sub>z</sub>	-0.02	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-0.63	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-0.02	0.00	-0.09	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-0.65	0.00	-0.09	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-0.02	0.00	-0.09	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-0.63	0.00	-0.09	0.00	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	-0.53	0.00	-0.09	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-0.02	0.00	-0.09	0.00	0.00	<b>0.00</b>	CO 9
	2076	0.000	Max N	<b>-0.02</b>	0.00	0.09	0.00	0.00	0.00	CO 9
	2077	0.900	Min N	<b>-0.65</b>	0.00	-0.09	0.00	0.00	0.00	CO 17
	2077	0.900	Max V <sub>y</sub>	-0.02	<b>0.00</b>	-0.09	0.00	0.00	0.00	CO 9
	2076	0.000	Min V <sub>y</sub>	-0.52	<b>0.00</b>	0.09	0.00	0.00	0.00	CO 12
	2076	0.000	Max V <sub>z</sub>	-0.02	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 9
	2077	0.900	Min V <sub>z</sub>	-0.63	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 18
		0.360	Max M <sub>T</sub>	-0.02	0.00	0.02	<b>0.00</b>	0.02	0.00	CO 9
		0.360	Min M <sub>T</sub>	-0.65	0.00	0.02	<b>0.00</b>	0.02	0.00	CO 17
		0.450	Max M <sub>y</sub>	-0.02	0.00	0.00	0.00	<b>0.02</b>	0.00	CO 9
	2077	0.900	Min M <sub>y</sub>	-0.63	0.00	-0.09	0.00	<b>0.00</b>	0.00	CO 18
	2077	0.900	Max M <sub>z</sub>	-0.53	0.00	-0.09	0.00	0.00	<b>0.00</b>	CO 12
	2076	0.000	Min M <sub>z</sub>	-0.52	0.00	0.09	0.00	0.00	<b>0.00</b>	CO 12
2400	2075	0.000	max N	<b>-2.80</b>	0.00	0.35	0.00	0.00	0.00	CO 9
			min N	<b>-7.85</b>	0.01	2.71	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-7.85	<b>0.01</b>	2.71	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-2.80	<b>0.00</b>	0.35	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-7.85	0.01	<b>2.71</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	-2.80	0.00	<b>0.35</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	-7.85	0.01	2.71	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-2.80	0.00	0.35	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-2.80	0.00	0.35	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-7.85	0.01	2.71	0.00	<b>0.00</b>	0.00	CO 19
			max M <sub>z</sub>	-7.85	0.01	2.71	0.00	0.00	<b>0.00</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-2.80	0.00	0.35	0.00	0.00	<b>0.00</b>	CO 9
	2077	3.600	max N	<b>-2.80</b>	0.00	-0.35	0.00	0.00	0.00	CO 9
			min N	<b>-7.86</b>	-0.02	-2.71	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-2.80	<b>0.00</b>	-0.35	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-7.86	<b>-0.02</b>	-2.71	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-2.80	0.00	<b>-0.35</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-7.86	-0.01	<b>-2.71</b>	0.00	0.00	0.00	CO 19
			max M <sub>T</sub>	-7.86	-0.02	-2.71	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-2.80	0.00	-0.35	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-2.80	0.00	-0.35	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-7.86	-0.02	-2.71	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-2.80	0.00	-0.35	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-7.86	-0.02	-2.71	0.00	0.00	<b>0.00</b>	CO 17
	2075	0.000	Max N	<b>-2.80</b>	0.00	0.35	0.00	0.00	0.00	CO 9
		2.160	Min N	<b>-7.86</b>	0.00	-0.54	0.01	2.34	-0.01	CO 17
	2075	0.000	Max V <sub>y</sub>	-7.85	<b>0.01</b>	2.71	0.00	0.00	0.00	CO 17
	2077	3.600	Min V <sub>y</sub>	-7.86	<b>-0.02</b>	-2.71	0.00	0.00	0.00	CO 17
	2075	0.000	Max V <sub>z</sub>	-7.85	0.01	<b>2.71</b>	0.00	0.00	0.00	CO 18
	2077	3.600	Min V <sub>z</sub>	-7.86	-0.01	<b>-2.71</b>	0.00	0.00	0.00	CO 19
		1.680	Max M <sub>T</sub>	-7.86	0.00	0.18	<b>0.01</b>	2.43	-0.01	CO 18
	2075	0.000	Min M <sub>T</sub>	-2.80	0.00	0.35	<b>0.00</b>	0.00	0.00	CO 9
		1.800	Max M <sub>y</sub>	-7.86	0.00	0.00	0.01	<b>2.44</b>	-0.01	CO 19
	2077	3.600	Min M <sub>y</sub>	-7.86	-0.02	-2.71	0.00	<b>0.00</b>	0.00	CO 17
	2075	0.000	Max M <sub>z</sub>	-7.85	0.01	2.71	0.00	0.00	<b>0.00</b>	CO 17
		2.160	Min M <sub>z</sub>	-7.86	0.00	-0.54	0.01	2.34	<b>-0.01</b>	CO 17
2401	2074	0.000	max N	<b>-2.71</b>	0.00	0.35	0.00	0.00	0.00	CO 1
			min N	<b>-7.58</b>	0.01	2.71	0.00	0.00	0.00	CO 19
			max V <sub>y</sub>	-7.57	<b>0.01</b>	2.71	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-2.71	<b>0.00</b>	0.35	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-7.57	0.01	<b>2.71</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	-2.71	0.00	<b>0.35</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-7.57	0.01	2.71	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-2.71	0.00	0.35	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-2.71	0.00	0.35	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-7.57	0.01	2.71	0.00	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	-7.57	0.01	2.71	0.00	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-2.71	0.00	0.35	0.00	0.00	<b>0.00</b>	CO 9
	2076	3.600	max N	<b>-2.71</b>	0.00	-0.35	0.00	0.00	0.00	CO 1
			min N	<b>-7.58</b>	-0.01	-2.71	0.00	0.00	0.00	CO 19
			max V <sub>y</sub>	-2.71	<b>0.00</b>	-0.35	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-7.58	<b>-0.02</b>	-2.71	0.00	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-2.71	0.00	<b>-0.35</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-7.58	-0.01	<b>-2.71</b>	0.00	0.00	0.00	CO 19
			max M <sub>T</sub>	-7.58	-0.02	-2.71	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-2.71	0.00	-0.35	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-2.71	0.00	-0.35	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-7.58	-0.02	-2.71	0.00	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	-2.71	0.00	-0.35	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-7.58	-0.02	-2.71	0.00	0.00	<b>0.00</b>	CO 17
	2074	0.000	Max N	<b>-2.71</b>	0.00	0.35	0.00	0.00	0.00	CO 1
		1.920	Min N	<b>-7.58</b>	0.00	-0.18	0.00	2.43	-0.01	CO 19
	2074	0.000	Max V <sub>y</sub>	-7.57	<b>0.01</b>	2.71	0.00	0.00	0.00	CO 17
	2076	3.600	Min V <sub>y</sub>	-7.58	<b>-0.02</b>	-2.71	0.00	0.00	0.00	CO 17
	2074	0.000	Max V <sub>z</sub>	-7.57	0.01	<b>2.71</b>	0.00	0.00	0.00	CO 18
	2076	3.600	Min V <sub>z</sub>	-7.58	-0.01	<b>-2.71</b>	0.00	0.00	0.00	CO 19
		1.680	Max M <sub>T</sub>	-7.58	0.00	0.18	<b>0.01</b>	2.43	-0.01	CO 18
	2074	0.000	Min M <sub>T</sub>	-2.71	0.00	0.35	<b>0.00</b>	0.00	0.00	CO 9
		1.800	Max M <sub>y</sub>	-7.58	0.00	0.00	0.00	<b>2.44</b>	-0.01	CO 19
	2074	0.000	Min M <sub>y</sub>	-7.57	0.01	2.71	0.00	<b>0.00</b>	0.00	CO 18
	2074	0.000	Max M <sub>z</sub>	-7.57	0.01	2.71	0.00	0.00	<b>0.00</b>	CO 17
		2.160	Min M <sub>z</sub>	-7.58	0.00	-0.54	0.01	2.34	<b>-0.01</b>	CO 17
2402	2074	0.000	max N	<b>-0.43</b>	0.37	-5.60	0.00	0.00	0.00	CO 16
			min N	<b>-2.78</b>	0.21	-4.69	0.00	0.00	0.00	CO 10
			max V <sub>y</sub>	-2.77	<b>0.51</b>	-7.58	0.00	0.01	0.00	CO 17
			min V <sub>y</sub>	-0.44	<b>0.02</b>	-2.71	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.44	0.07	<b>-2.71</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-2.77	0.46	<b>-7.58</b>	0.00	0.01	0.00	CO 19
			max M <sub>T</sub>	-0.44	0.07	-2.71	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-2.77	0.34	-6.72	<b>0.00</b>	0.01	0.00	CO 13
			max M <sub>y</sub>	-2.77	0.51	-7.58	0.00	<b>0.01</b>	0.00	CO 17
			min M <sub>y</sub>	-0.44	0.02	-2.71	0.00	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	-2.77	0.51	-7.58	0.00	0.01	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-0.44	0.02	-2.71	0.00	0.00	<b>0.00</b>	CO 9
	2060	1.050	max N	<b>-0.67</b>	0.02	-2.71	0.00	-2.85	-0.02	CO 9
			min N	<b>-3.03</b>	0.49	-7.57	0.02	-7.95	-0.52	CO 18
			max V <sub>y</sub>	-3.03	<b>0.51</b>	-7.57	0.02	-7.95	-0.53	CO 17
			min V <sub>y</sub>	-0.67	<b>0.02</b>	-2.71	0.00	-2.85	-0.02	CO 9
			max V <sub>z</sub>	-0.67	0.07	<b>-2.71</b>	0.00	-2.84	-0.08	CO 8
			min V <sub>z</sub>	-3.03	0.46	<b>-7.57</b>	0.02	-7.95	-0.48	CO 19
			max M <sub>T</sub>	-3.03	0.49	-7.57	<b>0.02</b>	-7.95	-0.52	CO 18
			min M <sub>T</sub>	-0.67	0.02	-2.71	<b>0.00</b>	-2.85	-0.02	CO 9
			max M <sub>y</sub>	-0.67	0.07	-2.71	0.00	<b>-2.84</b>	-0.08	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-3.03	0.46	-7.57	0.02	<b>-7.95</b>	-0.48	CO 19
			max M <sub>z</sub>	-0.67	0.02	-2.71	0.00	-2.85	<b>-0.02</b>	CO 9
			min M <sub>z</sub>	-3.03	0.51	-7.57	0.02	-7.95	<b>-0.53</b>	CO 17
	2074	0.000	Max N	<b>-0.43</b>	0.37	-5.60	0.00	0.00	0.00	CO 16
	2060	1.050	Min N	<b>-3.03</b>	0.49	-7.57	0.02	-7.95	-0.52	CO 18
	2074	0.000	Max V <sub>y</sub>	-2.77	<b>0.51</b>	-7.58	0.00	0.01	0.00	CO 17
	2060	1.050	Min V <sub>y</sub>	-0.67	<b>0.02</b>	-2.71	0.00	-2.85	-0.02	CO 9
	2060	1.050	Max V <sub>z</sub>	-0.67	0.07	<b>-2.71</b>	0.00	-2.84	-0.08	CO 8
	2074	0.000	Min V <sub>z</sub>	-2.77	0.46	<b>-7.58</b>	0.00	0.01	0.00	CO 19
	2060	1.050	Max M <sub>T</sub>	-3.03	0.49	-7.57	<b>0.02</b>	-7.95	-0.52	CO 18
	2060	1.050	Min M <sub>T</sub>	-0.67	0.02	-2.71	<b>0.00</b>	-2.85	-0.02	CO 9
	2074	0.000	Max M <sub>y</sub>	-2.77	0.51	-7.58	0.00	<b>0.01</b>	0.00	CO 17
	2060	1.050	Min M <sub>y</sub>	-3.03	0.46	-7.57	0.02	<b>-7.95</b>	-0.48	CO 19
	2074	0.000	Max M <sub>z</sub>	-2.77	0.51	-7.58	0.00	0.01	<b>0.00</b>	CO 17
	2060	1.050	Min M <sub>z</sub>	-3.03	0.51	-7.57	0.02	-7.95	<b>-0.53</b>	CO 17
2403	2075	0.000	max N	<b>-0.43</b>	-0.35	-5.81	0.00	0.00	0.00	CO 20
			min N	<b>-2.78</b>	-0.24	-4.86	0.00	0.00	0.00	CO 2
			max V <sub>y</sub>	-0.44	<b>-0.02</b>	-2.80	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-2.77	<b>-0.51</b>	-7.86	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-0.44	-0.02	<b>-2.80</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-2.77	-0.49	<b>-7.86</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-2.77	-0.40	-6.96	<b>0.00</b>	0.00	0.00	CO 12
			min M <sub>T</sub>	-0.44	-0.02	-2.80	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-2.78	-0.15	-4.85	0.00	<b>0.00</b>	0.00	CO 11
			min M <sub>y</sub>	-0.43	-0.37	-5.81	0.00	<b>0.00</b>	0.00	CO 16
			max M <sub>z</sub>	-2.77	-0.51	-7.86	0.00	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-0.44	-0.02	-2.80	0.00	0.00	<b>0.00</b>	CO 9
	2061	1.025	max N	<b>-0.67</b>	-0.07	-2.80	0.00	-2.88	0.08	CO 8
			min N	<b>-3.02</b>	-0.51	-7.85	0.02	-8.06	0.53	CO 17
			max V <sub>y</sub>	-0.67	<b>-0.02</b>	-2.80	0.00	-2.87	0.02	CO 9
			min V <sub>y</sub>	-3.02	<b>-0.51</b>	-7.85	0.02	-8.06	0.53	CO 17
			max V <sub>z</sub>	-0.67	-0.02	<b>-2.80</b>	0.00	-2.87	0.02	CO 9
			min V <sub>z</sub>	-3.02	-0.49	<b>-7.85</b>	0.02	-8.06	0.51	CO 18
			max M <sub>T</sub>	-3.02	-0.49	-7.85	<b>0.02</b>	-8.06	0.51	CO 18
			min M <sub>T</sub>	-0.67	-0.02	-2.80	<b>0.00</b>	-2.87	0.02	CO 9
			max M <sub>y</sub>	-0.67	-0.02	-2.80	0.00	<b>-2.87</b>	0.02	CO 9
			min M <sub>y</sub>	-3.02	-0.49	-7.85	0.02	<b>-8.06</b>	0.51	CO 18
			max M <sub>z</sub>	-3.02	-0.51	-7.85	0.02	-8.06	<b>0.53</b>	CO 17
			min M <sub>z</sub>	-0.67	-0.02	-2.80	0.00	-2.87	<b>0.02</b>	CO 9
	2075	0.000	Max N	<b>-0.43</b>	-0.35	-5.81	0.00	0.00	0.00	CO 20
	2061	1.025	Min N	<b>-3.02</b>	-0.51	-7.85	0.02	-8.06	0.53	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2061	1.025	Max V <sub>y</sub>	-0.67	<b>-0.02</b>	-2.80	0.00	-2.87	0.02	CO 9
		0.205	Min V <sub>y</sub>	-2.82	<b>-0.51</b>	-7.86	0.00	-1.61	0.11	CO 17
	2061	1.025	Max V <sub>z</sub>	-0.67	-0.02	<b>-2.80</b>	0.00	-2.87	0.02	CO 9
	2075	0.000	Min V <sub>z</sub>	-2.77	-0.49	<b>-7.86</b>	0.00	0.00	0.00	CO 18
	2061	1.025	Max M <sub>T</sub>	-3.02	-0.49	-7.85	<b>0.02</b>	-8.06	0.51	CO 18
	2061	1.025	Min M <sub>T</sub>	-0.67	-0.02	-2.80	<b>0.00</b>	-2.87	0.02	CO 9
	2075	0.000	Max M <sub>y</sub>	-2.78	-0.15	-4.85	0.00	<b>0.00</b>	0.00	CO 11
	2061	1.025	Min M <sub>y</sub>	-3.02	-0.49	-7.85	0.02	<b>-8.06</b>	0.51	CO 18
	2061	1.025	Max M <sub>z</sub>	-3.02	-0.51	-7.85	0.02	-8.06	<b>0.53</b>	CO 17
	2075	0.000	Min M <sub>z</sub>	-0.44	-0.02	-2.80	0.00	0.00	<b>0.00</b>	CO 9
2404	2076	0.000	max N	<b>-0.43</b>	0.47	5.61	0.00	0.00	0.00	CO 20
			min N	<b>-2.78</b>	0.18	4.69	0.00	0.00	0.00	CO 11
			max V <sub>y</sub>	-2.77	<b>0.62</b>	7.59	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-0.44	<b>0.02</b>	2.71	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-2.77	0.61	<b>7.59</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	-0.44	0.15	<b>2.71</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	-2.78	0.28	4.69	<b>0.00</b>	0.00	0.00	CO 10
			min M <sub>T</sub>	-2.77	0.40	6.72	<b>0.00</b>	0.00	0.00	CO 13
			max M <sub>y</sub>	-0.43	0.48	5.61	0.00	<b>0.00</b>	0.00	CO 16
			min M <sub>y</sub>	-2.78	0.18	4.69	0.00	<b>0.00</b>	0.00	CO 11
			max M <sub>z</sub>	-0.44	0.02	2.71	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-2.77	0.62	7.59	0.00	0.00	<b>0.00</b>	CO 17
	2068	1.050	max N	<b>-0.67</b>	0.02	2.71	0.00	2.85	-0.03	CO 9
			min N	<b>-3.03</b>	0.62	7.58	-0.05	7.96	-0.66	CO 17
			max V <sub>y</sub>	-3.03	<b>0.62</b>	7.58	-0.05	7.96	-0.66	CO 17
			min V <sub>y</sub>	-0.67	<b>0.02</b>	2.71	0.00	2.85	-0.03	CO 9
			max V <sub>z</sub>	-3.03	0.61	<b>7.58</b>	-0.05	7.97	-0.64	CO 18
			min V <sub>z</sub>	-0.67	0.15	<b>2.71</b>	0.00	2.84	-0.16	CO 1
			max M <sub>T</sub>	-0.67	0.02	2.71	<b>0.00</b>	2.85	-0.03	CO 9
			min M <sub>T</sub>	-3.03	0.62	7.58	<b>-0.05</b>	7.96	-0.66	CO 17
			max M <sub>y</sub>	-3.03	0.61	7.58	-0.05	<b>7.97</b>	-0.64	CO 18
			min M <sub>y</sub>	-0.67	0.15	2.71	0.00	<b>2.84</b>	-0.16	CO 1
			max M <sub>z</sub>	-0.67	0.02	2.71	0.00	2.85	<b>-0.03</b>	CO 9
			min M <sub>z</sub>	-3.03	0.62	7.58	-0.05	7.96	<b>-0.66</b>	CO 17
	2076	0.000	Max N	<b>-0.43</b>	0.47	5.61	0.00	0.00	0.00	CO 20
	2068	1.050	Min N	<b>-3.03</b>	0.62	7.58	-0.05	7.96	-0.66	CO 17
	2076	0.000	Max V <sub>y</sub>	-2.77	<b>0.62</b>	7.59	0.00	0.00	0.00	CO 17
	2068	1.050	Min V <sub>y</sub>	-0.67	<b>0.02</b>	2.71	0.00	2.85	-0.03	CO 9
	2076	0.000	Max V <sub>z</sub>	-2.77	0.61	<b>7.59</b>	0.00	0.00	0.00	CO 18
	2068	1.050	Min V <sub>z</sub>	-0.67	0.15	<b>2.71</b>	0.00	2.84	-0.16	CO 1
	2076	0.000	Max M <sub>T</sub>	-2.78	0.28	4.69	<b>0.00</b>	0.00	0.00	CO 10



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2068	1.050	Min M <sub>T</sub>	-3.03	0.62	7.58	<b>-0.05</b>	7.96	-0.66	CO 17
	2068	1.050	Max M <sub>y</sub>	-3.03	0.61	7.58	-0.05	<b>7.97</b>	-0.64	CO 18
	2076	0.000	Min M <sub>y</sub>	-2.78	0.18	4.69	0.00	<b>0.00</b>	0.00	CO 11
	2076	0.000	Max M <sub>z</sub>	-0.44	0.02	2.71	0.00	0.00	<b>0.00</b>	CO 9
	2068	1.050	Min M <sub>z</sub>	-3.03	0.62	7.58	-0.05	7.96	<b>-0.66</b>	CO 17
2405	2077	0.000	max N	<b>-0.43</b>	-0.49	5.81	0.00	0.00	0.00	CO 16
			min N	<b>-2.78</b>	-0.19	4.86	0.00	0.00	0.00	CO 11
			max V <sub>y</sub>	-0.44	<b>-0.02</b>	2.80	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-2.77	<b>-0.67</b>	7.87	0.00	-0.01	0.00	CO 17
			max V <sub>z</sub>	-2.77	-0.67	<b>7.87</b>	0.00	-0.01	0.00	CO 17
			min V <sub>z</sub>	-0.44	-0.13	<b>2.80</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	-2.77	-0.55	6.96	<b>0.00</b>	-0.01	0.00	CO 12
			min M <sub>T</sub>	-0.44	-0.02	2.80	<b>0.00</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.44	-0.02	2.80	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-2.77	-0.67	7.87	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	-0.44	-0.02	2.80	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-2.77	-0.67	7.87	0.00	-0.01	<b>0.00</b>	CO 17
	2069	1.025	max N	<b>-0.67</b>	-0.02	2.80	0.00	2.87	0.03	CO 9
			min N	<b>-3.02</b>	-0.67	7.86	-0.05	8.05	0.69	CO 17
			max V <sub>y</sub>	-0.67	<b>-0.02</b>	2.80	0.00	2.87	0.03	CO 9
			min V <sub>y</sub>	-3.02	<b>-0.67</b>	7.86	-0.05	8.05	0.69	CO 17
			max V <sub>z</sub>	-3.02	-0.67	<b>7.86</b>	-0.05	8.05	0.69	CO 17
			min V <sub>z</sub>	-0.67	-0.13	<b>2.80</b>	0.00	2.87	0.13	CO 8
			max M <sub>T</sub>	-0.67	-0.02	2.80	<b>0.00</b>	2.87	0.03	CO 9
			min M <sub>T</sub>	-3.02	-0.67	7.86	<b>-0.05</b>	8.05	0.69	CO 17
			max M <sub>y</sub>	-3.02	-0.67	7.86	-0.05	<b>8.05</b>	0.69	CO 17
			min M <sub>y</sub>	-0.67	-0.13	2.80	0.00	<b>2.87</b>	0.13	CO 8
			max M <sub>z</sub>	-3.02	-0.67	7.86	-0.05	8.05	<b>0.69</b>	CO 17
			min M <sub>z</sub>	-0.67	-0.02	2.80	0.00	2.87	<b>0.03</b>	CO 9
	2077	0.000	Max N	<b>-0.43</b>	-0.49	5.81	0.00	0.00	0.00	CO 16
	2069	1.025	Min N	<b>-3.02</b>	-0.67	7.86	-0.05	8.05	0.69	CO 17
	2069	1.025	Max V <sub>y</sub>	-0.67	<b>-0.02</b>	2.80	0.00	2.87	0.03	CO 9
		0.410	Min V <sub>y</sub>	-2.86	<b>-0.68</b>	7.87	-0.02	3.22	0.27	CO 17
	2077	0.000	Max V <sub>z</sub>	-2.77	-0.67	<b>7.87</b>	0.00	-0.01	0.00	CO 17
	2069	1.025	Min V <sub>z</sub>	-0.67	-0.13	<b>2.80</b>	0.00	2.87	0.13	CO 8
	2077	0.000	Max M <sub>T</sub>	-2.77	-0.55	6.96	<b>0.00</b>	-0.01	0.00	CO 12
	2069	1.025	Min M <sub>T</sub>	-3.02	-0.67	7.86	<b>-0.05</b>	8.05	0.69	CO 17
	2069	1.025	Max M <sub>y</sub>	-3.02	-0.67	7.86	-0.05	<b>8.05</b>	0.69	CO 17
	2077	0.000	Min M <sub>y</sub>	-2.77	-0.67	7.87	0.00	<b>-0.01</b>	0.00	CO 17
	2069	1.025	Max M <sub>z</sub>	-3.02	-0.67	7.86	-0.05	8.05	<b>0.69</b>	CO 17
	2077	0.000	Min M <sub>z</sub>	-2.77	-0.67	7.87	0.00	-0.01	<b>0.00</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
2406	2080	0.000	max N	<b>0.23</b>	0.01	2.97	-0.20	0.00	0.00	CO 9
			min N	<b>-0.43</b>	0.05	7.74	-0.86	0.00	0.00	CO 12
			max V <sub>y</sub>	-0.20	<b>0.07</b>	8.76	-1.08	0.00	0.01	CO 17
			min V <sub>y</sub>	0.23	<b>0.01</b>	2.97	-0.20	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.20	0.07	<b>8.76</b>	-1.08	0.00	0.01	CO 17
			min V <sub>z</sub>	0.23	0.01	<b>2.97</b>	-0.20	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.31	0.01	2.98	<b>-0.20</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-0.20	0.07	8.76	<b>-1.08</b>	0.00	0.01	CO 17
			max M <sub>y</sub>	-0.20	0.07	8.76	-1.08	<b>0.00</b>	0.01	CO 17
			min M <sub>y</sub>	-0.43	0.05	7.74	-0.86	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-0.20	0.07	8.76	-1.08	0.00	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-0.31	0.01	2.98	-0.20	0.00	<b>0.00</b>	CO 8
		1.200	max N	<b>0.23</b>	0.00	2.19	-0.20	3.10	-0.01	CO 9
			min N	<b>-0.46</b>	0.03	6.08	-0.87	8.30	-0.04	CO 12
			max V <sub>y</sub>	-0.38	<b>0.04</b>	6.71	-1.05	9.27	-0.06	CO 18
			min V <sub>y</sub>	-0.06	<b>0.00</b>	2.20	-0.25	3.12	-0.01	CO 1
			max V <sub>z</sub>	-0.23	0.04	<b>6.72</b>	-1.07	9.29	-0.06	CO 17
			min V <sub>z</sub>	0.23	0.00	<b>2.19</b>	-0.20	3.10	-0.01	CO 9
			max M <sub>T</sub>	0.23	0.00	2.19	<b>-0.20</b>	3.10	-0.01	CO 9
			min M <sub>T</sub>	-0.23	0.04	6.72	<b>-1.07</b>	9.29	-0.06	CO 17
			max M <sub>y</sub>	-0.23	0.04	6.72	-1.07	<b>9.29</b>	-0.06	CO 17
			min M <sub>y</sub>	0.23	0.00	2.19	-0.20	<b>3.10</b>	-0.01	CO 9
			max M <sub>z</sub>	-0.06	0.00	2.20	-0.25	3.12	<b>-0.01</b>	CO 1
			min M <sub>z</sub>	-0.23	0.04	6.72	-1.07	9.29	<b>-0.06</b>	CO 17
			max N	<b>7.53</b>	0.03	3.59	-0.52	0.77	0.00	CO 19
			min N	<b>2.39</b>	0.00	1.41	-0.10	0.15	0.00	CO 8
			max V <sub>y</sub>	7.35	<b>0.04</b>	3.60	-0.53	0.77	0.00	CO 17
			min V <sub>y</sub>	2.39	<b>0.00</b>	1.41	-0.10	0.15	0.00	CO 8
			max V <sub>z</sub>	7.35	0.04	<b>3.60</b>	-0.53	0.77	0.00	CO 17
			min V <sub>z</sub>	2.94	0.00	<b>1.41</b>	-0.10	0.15	0.00	CO 9
			max M <sub>T</sub>	2.94	0.00	1.41	<b>-0.10</b>	0.15	0.00	CO 9
			min M <sub>T</sub>	7.35	0.04	3.60	<b>-0.53</b>	0.77	0.00	CO 17
			max M <sub>y</sub>	4.83	0.01	1.51	-0.24	<b>0.86</b>	0.00	CO 11
			min M <sub>y</sub>	5.46	0.03	3.50	-0.39	<b>0.06</b>	0.00	CO 16
			max M <sub>z</sub>	5.46	0.03	3.50	-0.39	0.06	<b>0.00</b>	CO 16
			min M <sub>z</sub>	4.29	0.01	1.51	-0.24	0.86	<b>0.00</b>	CO 10
		2.100	max N	<b>7.52</b>	0.03	2.07	-0.52	3.32	-0.03	CO 19
			min N	<b>2.39</b>	0.00	0.82	-0.10	1.15	0.00	CO 8
			max V <sub>y</sub>	7.34	<b>0.03</b>	2.08	-0.53	3.32	-0.03	CO 17
			min V <sub>y</sub>	2.39	<b>0.00</b>	0.82	-0.10	1.15	0.00	CO 8
			max V <sub>z</sub>	7.34	0.03	<b>2.08</b>	-0.53	3.32	-0.03	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	2.94	0.00	<b>0.82</b>	-0.10	1.16	0.00	CO 9
			max M <sub>T</sub>	2.94	0.00	0.82	<b>-0.10</b>	1.16	0.00	CO 9
			min M <sub>T</sub>	7.34	0.03	2.08	<b>-0.53</b>	3.32	-0.03	CO 17
			max M <sub>y</sub>	7.34	0.03	2.08	-0.53	<b>3.32</b>	-0.03	CO 17
			min M <sub>y</sub>	2.39	0.00	0.82	-0.10	<b>1.15</b>	0.00	CO 8
			max M <sub>z</sub>	2.39	0.00	0.82	-0.10	1.15	<b>0.00</b>	CO 8
			min M <sub>z</sub>	7.34	0.03	2.08	-0.53	3.32	<b>-0.03</b>	CO 17
			max N	<b>7.52</b>	0.01	1.96	-0.52	2.87	-0.01	CO 19
			min N	<b>2.39</b>	0.00	0.72	-0.10	1.07	0.00	CO 8
			max V <sub>y</sub>	7.19	<b>0.01</b>	1.96	-0.52	2.87	-0.01	CO 18
			min V <sub>y</sub>	2.64	<b>0.00</b>	0.73	-0.12	1.07	0.00	CO 1
			max V <sub>z</sub>	7.34	0.01	<b>1.97</b>	-0.53	2.86	-0.01	CO 17
			min V <sub>z</sub>	2.94	0.00	<b>0.71</b>	-0.10	1.07	0.00	CO 9
			max M <sub>T</sub>	2.94	0.00	0.71	<b>-0.10</b>	1.07	0.00	CO 9
			min M <sub>T</sub>	7.34	0.01	1.97	<b>-0.53</b>	2.86	-0.01	CO 17
			max M <sub>y</sub>	7.52	0.01	1.96	-0.52	<b>2.87</b>	-0.01	CO 19
			min M <sub>y</sub>	2.64	0.00	0.73	-0.12	<b>1.07</b>	0.00	CO 1
			max M <sub>z</sub>	2.39	0.00	0.72	-0.10	1.07	<b>0.00</b>	CO 8
			min M <sub>z</sub>	7.34	0.01	1.97	-0.53	2.86	<b>-0.01</b>	CO 17
		3.000	max N	<b>7.52</b>	0.01	0.45	-0.52	3.95	-0.02	CO 19
			min N	<b>2.39</b>	0.00	0.13	-0.10	1.45	0.00	CO 8
			max V <sub>y</sub>	7.19	<b>0.01</b>	0.45	-0.52	3.95	-0.02	CO 18
			min V <sub>y</sub>	2.64	<b>0.00</b>	0.14	-0.12	1.46	0.00	CO 1
			max V <sub>z</sub>	7.34	0.01	<b>0.46</b>	-0.53	3.96	-0.02	CO 17
			min V <sub>z</sub>	2.93	0.00	<b>0.13</b>	-0.10	1.45	0.00	CO 9
			max M <sub>T</sub>	2.93	0.00	0.13	<b>-0.10</b>	1.45	0.00	CO 9
			min M <sub>T</sub>	7.34	0.01	0.46	<b>-0.53</b>	3.96	-0.02	CO 17
			max M <sub>y</sub>	7.34	0.01	0.46	-0.53	<b>3.96</b>	-0.02	CO 17
			min M <sub>y</sub>	2.93	0.00	0.13	-0.10	<b>1.45</b>	0.00	CO 9
			max M <sub>z</sub>	2.93	0.00	0.13	-0.10	1.45	<b>0.00</b>	CO 9
			min M <sub>z</sub>	7.34	0.01	0.46	-0.53	3.96	<b>-0.02</b>	CO 17
			max N	<b>7.52</b>	0.03	0.34	-0.52	3.53	0.00	CO 19
			min N	<b>2.39</b>	0.00	0.02	-0.10	1.37	0.00	CO 8
			max V <sub>y</sub>	7.34	<b>0.03</b>	0.35	-0.53	3.53	0.00	CO 17
			min V <sub>y</sub>	2.39	<b>0.00</b>	0.02	-0.10	1.37	0.00	CO 8
			max V <sub>z</sub>	7.34	0.03	<b>0.35</b>	-0.53	3.53	0.00	CO 17
			min V <sub>z</sub>	2.93	0.00	<b>0.02</b>	-0.10	1.37	0.00	CO 9
			max M <sub>T</sub>	2.93	0.00	0.02	<b>-0.10</b>	1.37	0.00	CO 9
			min M <sub>T</sub>	7.34	0.03	0.35	<b>-0.53</b>	3.53	0.00	CO 17
			max M <sub>y</sub>	7.19	0.03	0.34	-0.52	<b>3.53</b>	-0.01	CO 18
			min M <sub>y</sub>	2.64	0.01	0.03	-0.12	<b>1.36</b>	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	2.64	0.01	0.03	-0.12	1.36	<b>0.00</b>	CO 1
			min M <sub>z</sub>	7.19	0.03	0.34	-0.52	3.53	<b>-0.01</b>	CO 18
		3.900	max N	<b>7.52</b>	0.02	-1.17	-0.52	3.16	-0.03	CO 19
			min N	<b>2.39</b>	0.00	-0.57	-0.10	1.13	0.00	CO 8
			max V <sub>y</sub>	7.34	<b>0.03</b>	-1.16	-0.53	3.16	-0.03	CO 17
			min V <sub>y</sub>	2.39	<b>0.00</b>	-0.57	-0.10	1.13	0.00	CO 8
			max V <sub>z</sub>	4.53	0.01	<b>-0.45</b>	-0.26	1.89	-0.01	CO 2
			min V <sub>z</sub>	5.31	0.02	<b>-1.28</b>	-0.38	2.40	-0.02	CO 20
			max M <sub>T</sub>	2.94	0.00	-0.57	<b>-0.10</b>	1.13	0.00	CO 9
			min M <sub>T</sub>	7.34	0.03	-1.16	<b>-0.53</b>	3.16	-0.03	CO 17
			max M <sub>y</sub>	7.34	0.03	-1.16	-0.53	<b>3.16</b>	-0.03	CO 17
			min M <sub>y</sub>	2.94	0.00	-0.57	-0.10	<b>1.13</b>	0.00	CO 9
			max M <sub>z</sub>	2.39	0.00	-0.57	-0.10	1.13	<b>0.00</b>	CO 8
			min M <sub>z</sub>	7.34	0.03	-1.16	-0.53	3.16	<b>-0.03</b>	CO 17
			max N	<b>7.52</b>	-0.06	-1.28	-0.52	2.72	-0.01	CO 19
			min N	<b>2.39</b>	0.01	-0.68	-0.10	1.05	0.00	CO 8
			max V <sub>y</sub>	2.39	<b>0.01</b>	-0.68	-0.10	1.05	0.00	CO 8
			min V <sub>y</sub>	7.34	<b>-0.07</b>	-1.27	-0.53	2.71	-0.01	CO 17
			max V <sub>z</sub>	4.53	-0.03	<b>-0.55</b>	-0.26	1.68	0.00	CO 2
			min V <sub>z</sub>	5.31	-0.04	<b>-1.39</b>	-0.38	2.08	-0.01	CO 20
			max M <sub>T</sub>	2.94	0.00	-0.68	<b>-0.10</b>	1.05	0.00	CO 9
			min M <sub>T</sub>	7.34	-0.07	-1.27	<b>-0.53</b>	2.71	-0.01	CO 17
			max M <sub>y</sub>	7.20	-0.06	-1.28	-0.52	<b>2.72</b>	-0.01	CO 18
			min M <sub>y</sub>	2.64	-0.01	-0.66	-0.12	<b>1.03</b>	0.00	CO 1
			max M <sub>z</sub>	2.39	0.01	-0.68	-0.10	1.05	<b>0.00</b>	CO 8
			min M <sub>z</sub>	7.34	-0.07	-1.27	-0.53	2.71	<b>-0.01</b>	CO 17
		4.800	max N	<b>7.53</b>	-0.07	-2.80	-0.52	0.88	0.05	CO 19
			min N	<b>2.39</b>	0.01	-1.27	-0.10	0.17	0.00	CO 8
			max V <sub>y</sub>	2.39	<b>0.01</b>	-1.27	-0.10	0.17	0.00	CO 8
			min V <sub>y</sub>	7.35	<b>-0.07</b>	-2.79	-0.53	0.89	0.05	CO 17
			max V <sub>z</sub>	4.53	-0.03	<b>-1.14</b>	-0.26	0.91	0.02	CO 2
			min V <sub>z</sub>	5.31	-0.04	<b>-2.91</b>	-0.38	0.14	0.03	CO 20
			max M <sub>T</sub>	2.94	0.00	-1.27	<b>-0.10</b>	0.17	0.00	CO 9
			min M <sub>T</sub>	7.35	-0.07	-2.79	<b>-0.53</b>	0.89	0.05	CO 17
			max M <sub>y</sub>	4.53	-0.03	-1.14	-0.26	<b>0.91</b>	0.02	CO 2
			min M <sub>y</sub>	5.31	-0.04	-2.91	-0.38	<b>0.14</b>	0.03	CO 20
			max M <sub>z</sub>	7.35	-0.07	-2.79	-0.53	0.89	<b>0.05</b>	CO 17
			min M <sub>z</sub>	2.39	0.01	-1.27	-0.10	0.17	<b>0.00</b>	CO 8
			max N	<b>0.23</b>	0.00	-2.05	-0.02	2.93	0.00	CO 9
			min N	<b>-0.45</b>	0.02	-5.44	-0.02	7.52	0.03	CO 12
			max V <sub>y</sub>	-0.22	<b>0.04</b>	-5.91	0.00	8.32	0.05	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-0.31	<b>0.00</b>	-2.04	-0.03	2.93	0.00	CO 8
			max V <sub>z</sub>	-0.06	0.01	<b>-2.03</b>	-0.02	2.91	0.01	CO 1
			min V <sub>z</sub>	-0.37	0.04	<b>-5.93</b>	-0.01	8.33	0.04	CO 18
			max M <sub>T</sub>	-0.22	0.04	-5.91	<b>0.00</b>	8.32	0.05	CO 17
			min M <sub>T</sub>	-0.31	0.00	-2.04	<b>-0.03</b>	2.93	0.00	CO 8
			max M <sub>y</sub>	-0.37	0.04	-5.93	-0.01	<b>8.33</b>	0.04	CO 18
			min M <sub>y</sub>	-0.06	0.01	-2.03	-0.02	<b>2.91</b>	0.01	CO 1
			max M <sub>z</sub>	-0.22	0.04	-5.91	0.00	8.32	<b>0.05</b>	CO 17
			min M <sub>z</sub>	-0.31	0.00	-2.04	-0.03	2.93	<b>0.00</b>	CO 8
	2078	6.000	max N	<b>0.23</b>	0.00	-2.83	-0.02	0.00	0.00	CO 9
			min N	<b>-0.43</b>	0.02	-7.10	-0.01	0.00	0.00	CO 12
			max V <sub>y</sub>	-0.19	<b>0.04</b>	-7.95	-0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	-0.31	<b>0.00</b>	-2.83	-0.02	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.06	0.01	<b>-2.82</b>	-0.02	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.34	0.03	<b>-7.96</b>	-0.01	0.00	0.00	CO 18
			max M <sub>T</sub>	-0.19	0.04	-7.95	<b>-0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.31	0.00	-2.83	<b>-0.02</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.12	0.03	-7.09	-0.01	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	-0.31	0.00	-2.83	-0.02	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-0.19	0.04	-7.95	-0.01	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.12	0.03	-7.09	-0.01	0.00	<b>0.00</b>	CO 13
		4.800	Max N	<b>7.53</b>	-0.07	-2.80	-0.52	0.88	0.05	CO 19
		1.200	Min N	<b>-0.46</b>	0.03	6.08	-0.87	8.30	-0.04	CO 12
	2080	0.000	Max V <sub>y</sub>	-0.20	<b>0.07</b>	8.76	-1.08	0.00	0.01	CO 17
		4.800	Min V <sub>y</sub>	7.35	<b>-0.07</b>	-2.79	-0.53	0.89	0.05	CO 17
	2080	0.000	Max V <sub>z</sub>	-0.20	0.07	<b>8.76</b>	-1.08	0.00	0.01	CO 17
	2078	6.000	Min V <sub>z</sub>	-0.34	0.03	<b>-7.96</b>	-0.01	0.00	0.00	CO 18
		4.800	Max M <sub>T</sub>	-0.22	0.04	-5.91	<b>0.00</b>	8.32	0.05	CO 17
	2080	0.000	Min M <sub>T</sub>	-0.20	0.07	8.76	<b>-1.08</b>	0.00	0.01	CO 17
		1.200	Max M <sub>y</sub>	-0.23	0.04	6.72	-1.07	<b>9.29</b>	-0.06	CO 17
	2080	0.000	Min M <sub>y</sub>	-0.43	0.05	7.74	-0.86	<b>0.00</b>	0.00	CO 12
		4.800	Max M <sub>z</sub>	7.35	-0.07	-2.79	-0.53	0.89	<b>0.05</b>	CO 17
		1.200	Min M <sub>z</sub>	-0.23	0.04	6.72	-1.07	9.29	<b>-0.06</b>	CO 17
2407	2120	0.000	max N	<b>0.31</b>	0.02	7.11	0.04	0.00	0.00	CO 12
			min N	<b>-0.05</b>	0.00	2.83	0.01	0.00	0.00	CO 9
			max V <sub>y</sub>	0.15	<b>0.03</b>	7.97	0.04	0.00	0.00	CO 17
			min V <sub>y</sub>	0.22	<b>0.00</b>	2.83	0.01	0.00	0.00	CO 8
			max V <sub>z</sub>	0.09	0.03	<b>7.98</b>	0.04	0.00	0.00	CO 19
			min V <sub>z</sub>	0.03	0.00	<b>2.82</b>	0.01	0.00	0.00	CO 1
			max M <sub>T</sub>	0.26	0.03	7.98	<b>0.04</b>	0.00	0.00	CO 18
			min M <sub>T</sub>	-0.05	0.00	2.83	<b>0.01</b>	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	0.31	0.02	7.11	0.04	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.15	0.03	7.97	0.04	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-0.05	0.00	2.83	0.01	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.26	0.03	7.98	0.04	0.00	<b>0.00</b>	CO 18
		1.200	max N	<b>0.29</b>	0.01	5.45	0.03	7.54	-0.02	CO 12
			min N	<b>-0.05</b>	0.00	2.04	0.01	2.93	0.00	CO 9
			max V <sub>y</sub>	0.13	<b>0.02</b>	5.94	0.04	8.35	-0.03	CO 17
			min V <sub>y</sub>	0.22	<b>0.00</b>	2.04	0.01	2.92	0.00	CO 8
			max V <sub>z</sub>	0.06	0.02	<b>5.95</b>	0.04	8.36	-0.03	CO 19
			min V <sub>z</sub>	0.03	0.00	<b>2.03</b>	0.01	2.91	0.00	CO 1
			max M <sub>T</sub>	0.13	0.02	5.94	<b>0.04</b>	8.35	-0.03	CO 17
			min M <sub>T</sub>	0.22	0.00	2.04	<b>0.01</b>	2.92	0.00	CO 8
			max M <sub>y</sub>	0.06	0.02	5.95	0.04	<b>8.36</b>	-0.03	CO 19
			min M <sub>y</sub>	0.03	0.00	2.03	0.01	<b>2.91</b>	0.00	CO 1
			max M <sub>z</sub>	0.22	0.00	2.04	0.01	2.92	<b>0.00</b>	CO 8
			min M <sub>z</sub>	0.13	0.02	5.94	0.04	8.35	<b>-0.03</b>	CO 17
			max N	<b>8.08</b>	-0.01	2.80	-0.51	0.85	-0.01	CO 18
			min N	<b>2.75</b>	0.00	1.27	-0.09	0.16	0.00	CO 9
			max V <sub>y</sub>	3.02	<b>0.00</b>	1.27	-0.09	0.16	0.00	CO 8
			min V <sub>y</sub>	7.06	<b>-0.01</b>	2.30	-0.44	0.86	-0.01	CO 7
			max V <sub>z</sub>	5.83	-0.01	<b>2.92</b>	-0.37	0.12	-0.01	CO 21
			min V <sub>z</sub>	4.92	-0.01	<b>1.14</b>	-0.25	0.89	-0.01	CO 2
			max M <sub>T</sub>	2.75	0.00	1.27	<b>-0.09</b>	0.16	0.00	CO 9
			min M <sub>T</sub>	7.98	-0.01	2.79	<b>-0.52</b>	0.85	-0.02	CO 17
			max M <sub>y</sub>	4.92	-0.01	1.14	-0.25	<b>0.89</b>	-0.01	CO 2
			min M <sub>y</sub>	5.83	-0.01	2.92	-0.37	<b>0.12</b>	-0.01	CO 21
			max M <sub>z</sub>	3.02	0.00	1.27	-0.09	0.16	<b>0.00</b>	CO 8
			min M <sub>z</sub>	7.98	-0.01	2.79	-0.52	0.85	<b>-0.02</b>	CO 17
		2.100	max N	<b>8.08</b>	-0.01	1.28	-0.51	2.69	0.00	CO 18
			min N	<b>2.75</b>	0.00	0.68	-0.09	1.03	0.00	CO 9
			max V <sub>y</sub>	3.01	<b>0.00</b>	0.68	-0.09	1.03	0.00	CO 8
			min V <sub>y</sub>	7.98	<b>-0.02</b>	1.27	-0.52	2.68	0.00	CO 17
			max V <sub>z</sub>	5.83	-0.01	<b>1.39</b>	-0.37	2.06	0.00	CO 21
			min V <sub>z</sub>	4.92	-0.01	<b>0.56</b>	-0.25	1.65	0.00	CO 2
			max M <sub>T</sub>	2.75	0.00	0.68	<b>-0.09</b>	1.03	0.00	CO 9
			min M <sub>T</sub>	7.98	-0.02	1.27	<b>-0.52</b>	2.68	0.00	CO 17
			max M <sub>y</sub>	8.08	-0.01	1.28	-0.51	<b>2.69</b>	0.00	CO 18
			min M <sub>y</sub>	2.83	0.00	0.66	-0.11	<b>1.02</b>	0.00	CO 1
			max M <sub>z</sub>	4.92	-0.01	0.56	-0.25	1.65	<b>0.00</b>	CO 2
			min M <sub>z</sub>	8.08	-0.01	1.28	-0.51	2.69	<b>0.00</b>	CO 18
			max N	<b>8.08</b>	-0.01	1.17	-0.51	3.14	-0.02	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>2.75</b>	0.00	0.57	-0.09	1.12	0.00	CO 9
			max V <sub>y</sub>	2.83	<b>0.00</b>	0.55	-0.11	1.12	0.00	CO 1
			min V <sub>y</sub>	7.24	<b>-0.01</b>	0.97	-0.42	2.75	-0.01	CO 12
			max V <sub>z</sub>	5.83	0.00	<b>1.28</b>	-0.37	2.38	-0.01	CO 21
			min V <sub>z</sub>	4.92	0.00	<b>0.45</b>	-0.25	1.87	-0.01	CO 2
			max M <sub>T</sub>	2.75	0.00	0.57	<b>-0.09</b>	1.12	0.00	CO 9
			min M <sub>T</sub>	7.98	0.00	1.16	<b>-0.52</b>	3.14	-0.02	CO 17
			max M <sub>y</sub>	7.98	0.00	1.16	-0.52	<b>3.14</b>	-0.02	CO 17
			min M <sub>y</sub>	2.75	0.00	0.57	-0.09	<b>1.12</b>	0.00	CO 9
			max M <sub>z</sub>	2.75	0.00	0.57	-0.09	1.12	<b>0.00</b>	CO 9
			min M <sub>z</sub>	8.08	-0.01	1.17	-0.51	3.14	<b>-0.02</b>	CO 18
		3.000	max N	<b>8.08</b>	-0.01	-0.34	-0.51	3.51	-0.01	CO 18
			min N	<b>2.75</b>	0.00	-0.02	-0.09	1.37	0.00	CO 9
			max V <sub>y</sub>	2.83	<b>0.00</b>	-0.03	-0.11	1.36	0.00	CO 1
			min V <sub>y</sub>	8.08	<b>-0.01</b>	-0.34	-0.51	3.51	-0.01	CO 18
			max V <sub>z</sub>	2.75	0.00	<b>-0.02</b>	-0.09	1.37	0.00	CO 9
			min V <sub>z</sub>	7.98	-0.01	<b>-0.35</b>	-0.52	3.51	-0.01	CO 17
			max M <sub>T</sub>	2.75	0.00	-0.02	<b>-0.09</b>	1.37	0.00	CO 9
			min M <sub>T</sub>	7.98	-0.01	-0.35	<b>-0.52</b>	3.51	-0.01	CO 17
			max M <sub>y</sub>	7.91	-0.01	-0.34	-0.51	<b>3.51</b>	-0.01	CO 19
			min M <sub>y</sub>	2.83	0.00	-0.03	-0.11	<b>1.36</b>	0.00	CO 1
			max M <sub>z</sub>	3.01	0.00	-0.02	-0.09	1.36	<b>0.00</b>	CO 8
			min M <sub>z</sub>	7.98	-0.01	-0.35	-0.52	3.51	<b>-0.01</b>	CO 17
			max N	<b>8.08</b>	-0.03	-0.45	-0.51	3.93	-0.02	CO 18
			min N	<b>2.75</b>	0.00	-0.13	-0.09	1.44	0.00	CO 9
			max V <sub>y</sub>	3.01	<b>0.00</b>	-0.13	-0.09	1.44	0.00	CO 8
			min V <sub>y</sub>	7.98	<b>-0.03</b>	-0.46	-0.52	3.94	-0.02	CO 17
			max V <sub>z</sub>	2.75	0.00	<b>-0.13</b>	-0.09	1.44	0.00	CO 9
			min V <sub>z</sub>	7.98	-0.03	<b>-0.46</b>	-0.52	3.94	-0.02	CO 17
			max M <sub>T</sub>	2.75	0.00	-0.13	<b>-0.09</b>	1.44	0.00	CO 9
			min M <sub>T</sub>	7.98	-0.03	-0.46	<b>-0.52</b>	3.94	-0.02	CO 17
			max M <sub>y</sub>	7.98	-0.03	-0.46	-0.52	<b>3.94</b>	-0.02	CO 17
			min M <sub>y</sub>	2.75	0.00	-0.13	-0.09	<b>1.44</b>	0.00	CO 9
			max M <sub>z</sub>	3.01	0.00	-0.13	-0.09	1.44	<b>0.00</b>	CO 8
			min M <sub>z</sub>	7.98	-0.03	-0.46	-0.52	3.94	<b>-0.02</b>	CO 17
		3.900	max N	<b>8.08</b>	-0.03	-1.96	-0.51	2.85	0.01	CO 18
			min N	<b>2.75</b>	0.00	-0.71	-0.09	1.06	0.00	CO 9
			max V <sub>y</sub>	3.01	<b>0.00</b>	-0.71	-0.09	1.06	0.00	CO 8
			min V <sub>y</sub>	7.98	<b>-0.04</b>	-1.97	-0.52	2.85	0.01	CO 17
			max V <sub>z</sub>	2.75	0.00	<b>-0.71</b>	-0.09	1.06	0.00	CO 9
			min V <sub>z</sub>	7.98	-0.04	<b>-1.97</b>	-0.52	2.85	0.01	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	2.75	0.00	-0.71	<b>-0.09</b>	1.06	0.00	CO 9
			min M <sub>T</sub>	7.98	-0.04	-1.97	<b>-0.52</b>	2.85	0.01	CO 17
			max M <sub>y</sub>	7.92	-0.04	-1.96	-0.51	<b>2.85</b>	0.01	CO 19
			min M <sub>y</sub>	2.83	-0.01	-0.73	-0.11	<b>1.06</b>	0.00	CO 1
			max M <sub>z</sub>	7.98	-0.04	-1.97	-0.52	2.85	<b>0.01</b>	CO 17
			min M <sub>z</sub>	3.01	0.00	-0.71	-0.09	1.06	<b>0.00</b>	CO 8
			max N	<b>8.08</b>	0.04	-2.07	-0.51	3.28	0.00	CO 18
			min N	<b>2.75</b>	0.00	-0.82	-0.09	1.14	0.00	CO 9
			max V <sub>y</sub>	7.98	<b>0.06</b>	-2.08	-0.52	3.29	0.00	CO 17
			min V <sub>y</sub>	3.01	<b>-0.01</b>	-0.82	-0.09	1.14	0.00	CO 8
			max V <sub>z</sub>	2.75	0.00	<b>-0.82</b>	-0.09	1.14	0.00	CO 9
			min V <sub>z</sub>	7.98	0.06	<b>-2.08</b>	-0.52	3.29	0.00	CO 17
			max M <sub>T</sub>	2.75	0.00	-0.82	<b>-0.09</b>	1.14	0.00	CO 9
			min M <sub>T</sub>	7.98	0.06	-2.08	<b>-0.52</b>	3.29	0.00	CO 17
			max M <sub>y</sub>	7.98	0.06	-2.08	-0.52	<b>3.29</b>	0.00	CO 17
			min M <sub>y</sub>	3.01	-0.01	-0.82	-0.09	<b>1.14</b>	0.00	CO 8
			max M <sub>z</sub>	5.89	0.04	-1.98	-0.38	2.50	<b>0.00</b>	CO 16
			min M <sub>z</sub>	7.24	0.03	-1.72	-0.42	2.88	<b>0.00</b>	CO 12
		4.800	max N	<b>8.09</b>	0.04	-3.59	-0.51	0.74	-0.04	CO 18
			min N	<b>2.75</b>	0.00	-1.41	-0.09	0.14	0.00	CO 9
			max V <sub>y</sub>	7.99	<b>0.06</b>	-3.60	-0.52	0.74	-0.05	CO 17
			min V <sub>y</sub>	3.02	<b>-0.01</b>	-1.41	-0.09	0.14	0.01	CO 8
			max V <sub>z</sub>	2.75	0.00	<b>-1.41</b>	-0.09	0.14	0.00	CO 9
			min V <sub>z</sub>	7.99	0.06	<b>-3.60</b>	-0.52	0.74	-0.05	CO 17
			max M <sub>T</sub>	2.75	0.00	-1.41	<b>-0.09</b>	0.14	0.00	CO 9
			min M <sub>T</sub>	7.99	0.06	-3.60	<b>-0.52</b>	0.74	-0.05	CO 17
			max M <sub>y</sub>	4.83	0.01	-1.51	-0.23	<b>0.84</b>	-0.01	CO 11
			min M <sub>y</sub>	5.90	0.04	-3.50	-0.38	<b>0.03</b>	-0.04	CO 16
			max M <sub>z</sub>	3.02	-0.01	-1.41	-0.09	0.14	<b>0.01</b>	CO 8
			min M <sub>z</sub>	7.99	0.06	-3.60	-0.52	0.74	<b>-0.05</b>	CO 17
			max N	<b>0.30</b>	-0.04	-6.10	-0.83	8.31	-0.05	CO 12
			min N	<b>-0.05</b>	0.00	-2.19	-0.17	3.10	0.00	CO 9
			max V <sub>y</sub>	0.21	<b>0.00</b>	-2.19	-0.17	3.10	0.00	CO 8
			min V <sub>y</sub>	0.14	<b>-0.06</b>	-6.74	-1.04	9.31	-0.08	CO 17
			max V <sub>z</sub>	-0.05	0.00	<b>-2.19</b>	-0.17	3.10	0.00	CO 9
			min V <sub>z</sub>	0.14	-0.06	<b>-6.74</b>	-1.04	9.31	-0.08	CO 17
			max M <sub>T</sub>	0.21	0.00	-2.19	<b>-0.17</b>	3.10	0.00	CO 8
			min M <sub>T</sub>	0.14	-0.06	-6.74	<b>-1.04</b>	9.31	-0.08	CO 17
			max M <sub>y</sub>	0.14	-0.06	-6.74	-1.04	<b>9.31</b>	-0.08	CO 17
			min M <sub>y</sub>	-0.05	0.00	-2.19	-0.17	<b>3.10</b>	0.00	CO 9
			max M <sub>z</sub>	0.21	0.00	-2.19	-0.17	3.10	<b>0.00</b>	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	0.14	-0.06	-6.74	-1.04	9.31	<b>-0.08</b>	CO 17
	2119	6.000	max N	<b>0.32</b>	-0.03	-7.76	-0.82	0.00	0.00	CO 12
			min N	<b>-0.05</b>	0.00	-2.97	-0.17	0.00	0.00	CO 9
			max V <sub>y</sub>	0.22	<b>0.00</b>	-2.97	-0.16	0.00	0.00	CO 8
			min V <sub>y</sub>	0.18	<b>-0.05</b>	-8.77	-1.04	0.00	-0.01	CO 17
			max V <sub>z</sub>	-0.05	0.00	<b>-2.97</b>	-0.17	0.00	0.00	CO 9
			min V <sub>z</sub>	0.18	-0.05	<b>-8.77</b>	-1.04	0.00	-0.01	CO 17
			max M <sub>T</sub>	0.22	0.00	-2.97	<b>-0.16</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	0.18	-0.05	-8.77	<b>-1.04</b>	0.00	-0.01	CO 17
			max M <sub>y</sub>	0.11	-0.05	-8.76	-1.01	<b>0.00</b>	-0.01	CO 19
			min M <sub>y</sub>	0.32	-0.03	-7.76	-0.82	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.22	0.00	-2.97	-0.16	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	0.18	-0.05	-8.77	-1.04	0.00	<b>-0.01</b>	CO 17
		4.800	Max N	<b>8.09</b>	0.04	-3.59	-0.51	0.74	-0.04	CO 18
		1.200	Min N	<b>-0.05</b>	0.00	2.04	0.01	2.93	0.00	CO 9
		3.900	Max V <sub>y</sub>	7.98	<b>0.06</b>	-2.08	-0.52	3.29	0.00	CO 17
		4.800	Min V <sub>y</sub>	0.14	<b>-0.06</b>	-6.74	-1.04	9.31	-0.08	CO 17
	2120	0.000	Max V <sub>z</sub>	0.09	0.03	<b>7.98</b>	0.04	0.00	0.00	CO 19
	2119	6.000	Min V <sub>z</sub>	0.18	-0.05	<b>-8.77</b>	-1.04	0.00	-0.01	CO 17
		1.200	Max M <sub>T</sub>	0.13	0.02	5.94	<b>0.04</b>	8.35	-0.03	CO 17
	2119	6.000	Min M <sub>T</sub>	0.18	-0.05	-8.77	<b>-1.04</b>	0.00	-0.01	CO 17
		4.800	Max M <sub>y</sub>	0.14	-0.06	-6.74	-1.04	<b>9.31</b>	-0.08	CO 17
	2119	6.000	Min M <sub>y</sub>	0.32	-0.03	-7.76	-0.82	<b>0.00</b>	0.00	CO 12
		3.900	Max M <sub>z</sub>	7.98	-0.04	-1.97	-0.52	2.85	<b>0.01</b>	CO 17
		4.800	Min M <sub>z</sub>	0.14	-0.06	-6.74	-1.04	9.31	<b>-0.08</b>	CO 17
2408	2083	0.000	max N	<b>0.52</b>	0.00	0.11	0.55	0.00	0.00	CO 17
			min N	<b>0.10</b>	0.00	0.11	0.10	0.00	0.00	CO 9
			max V <sub>y</sub>	0.51	<b>0.00</b>	0.11	0.54	0.00	0.00	CO 19
			min V <sub>y</sub>	0.10	<b>0.00</b>	0.11	0.10	0.00	0.00	CO 8
			max V <sub>z</sub>	0.52	0.00	<b>0.11</b>	0.55	0.00	0.00	CO 17
			min V <sub>z</sub>	0.10	0.00	<b>0.11</b>	0.10	0.00	0.00	CO 9
			max M <sub>T</sub>	0.52	0.00	0.11	<b>0.55</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.10	0.00	0.11	<b>0.10</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.12	0.00	0.11	0.12	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.43	0.00	0.11	0.44	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.52	0.00	0.11	0.55	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.10	0.00	0.11	0.10	0.00	<b>0.00</b>	CO 9
	2082	0.900	max N	<b>0.52</b>	0.00	-0.11	0.55	0.00	0.00	CO 17
			min N	<b>0.09</b>	0.00	-0.11	0.10	0.00	0.00	CO 9
			max V <sub>y</sub>	0.10	<b>0.00</b>	-0.11	0.10	0.00	0.00	CO 8
			min V <sub>y</sub>	0.51	<b>0.00</b>	-0.11	0.54	0.00	0.00	CO 19

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	0.09	0.00	<b>-0.11</b>	0.10	0.00	0.00	CO 9
			min V <sub>z</sub>	0.52	0.00	<b>-0.11</b>	0.55	0.00	0.00	CO 17
			max M <sub>T</sub>	0.52	0.00	-0.11	<b>0.55</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.10	0.00	-0.11	<b>0.10</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.11	0.00	-0.11	0.12	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.42	0.00	-0.11	0.44	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.52	0.00	-0.11	0.55	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.09	0.00	-0.11	0.10	0.00	<b>0.00</b>	CO 9
	2083	0.000	Max N	<b>0.52</b>	0.00	0.11	0.55	0.00	0.00	CO 17
	2082	0.900	Min N	<b>0.09</b>	0.00	-0.11	0.10	0.00	0.00	CO 9
	2083	0.000	Max V <sub>y</sub>	0.51	<b>0.00</b>	0.11	0.54	0.00	0.00	CO 19
	2082	0.900	Min V <sub>y</sub>	0.51	<b>0.00</b>	-0.11	0.54	0.00	0.00	CO 19
	2083	0.000	Max V <sub>z</sub>	0.52	0.00	<b>0.11</b>	0.55	0.00	0.00	CO 17
	2082	0.900	Min V <sub>z</sub>	0.52	0.00	<b>-0.11</b>	0.55	0.00	0.00	CO 17
		0.360	Max M <sub>T</sub>	0.52	0.00	0.02	<b>0.55</b>	0.02	0.00	CO 17
	2083	0.000	Min M <sub>T</sub>	0.10	0.00	0.11	<b>0.10</b>	0.00	0.00	CO 8
		0.450	Max M <sub>y</sub>	0.12	0.00	0.00	0.12	<b>0.02</b>	0.00	CO 1
	2083	0.000	Min M <sub>y</sub>	0.43	0.00	0.11	0.44	<b>0.00</b>	0.00	CO 12
	2082	0.900	Max M <sub>z</sub>	0.52	0.00	-0.11	0.55	0.00	<b>0.00</b>	CO 17
		0.540	Min M <sub>z</sub>	0.10	0.00	-0.02	0.10	0.02	<b>0.00</b>	CO 9
2409	2085	0.000	max N	<b>0.02</b>	0.00	0.11	0.46	0.00	0.00	CO 17
			min N	<b>0.00</b>	0.00	0.11	0.08	0.00	0.00	CO 8
			max V <sub>y</sub>	0.01	<b>0.00</b>	0.11	0.45	0.00	0.00	CO 19
			min V <sub>y</sub>	0.00	<b>0.00</b>	0.11	0.08	0.00	0.00	CO 8
			max V <sub>z</sub>	0.02	0.00	<b>0.11</b>	0.46	0.00	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>0.11</b>	0.08	0.00	0.00	CO 9
			max M <sub>T</sub>	0.02	0.00	0.11	<b>0.46</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.00	0.00	0.11	<b>0.08</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.01	0.00	0.11	0.10	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.01	0.00	0.11	0.37	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.02	0.00	0.11	0.46	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	0.11	0.08	0.00	<b>0.00</b>	CO 9
	2084	0.900	max N	<b>0.01</b>	0.00	-0.11	0.46	0.00	0.00	CO 17
			min N	<b>-0.01</b>	0.00	-0.11	0.08	0.00	0.00	CO 8
			max V <sub>y</sub>	-0.01	<b>0.00</b>	-0.11	0.08	0.00	0.00	CO 8
			min V <sub>y</sub>	0.01	<b>0.00</b>	-0.11	0.45	0.00	0.00	CO 19
			max V <sub>z</sub>	0.00	0.00	<b>-0.11</b>	0.08	0.00	0.00	CO 9
			min V <sub>z</sub>	0.01	0.00	<b>-0.11</b>	0.46	0.00	0.00	CO 17
			max M <sub>T</sub>	0.01	0.00	-0.11	<b>0.46</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.00	0.00	-0.11	<b>0.08</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.00	0.00	-0.11	0.10	<b>0.00</b>	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	0.00	0.00	-0.11	0.37	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.01	0.00	-0.11	0.46	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	-0.11	0.08	0.00	<b>0.00</b>	CO 9
	2085	0.000	Max N	<b>0.02</b>	0.00	0.11	0.46	0.00	0.00	CO 17
	2084	0.900	Min N	<b>-0.01</b>	0.00	-0.11	0.08	0.00	0.00	CO 8
	2085	0.000	Max V <sub>y</sub>	0.01	<b>0.00</b>	0.11	0.45	0.00	0.00	CO 19
	2084	0.900	Min V <sub>y</sub>	0.01	<b>0.00</b>	-0.11	0.45	0.00	0.00	CO 19
	2085	0.000	Max V <sub>z</sub>	0.02	0.00	<b>0.11</b>	0.46	0.00	0.00	CO 17
	2084	0.900	Min V <sub>z</sub>	0.01	0.00	<b>-0.11</b>	0.46	0.00	0.00	CO 17
		0.360	Max M <sub>T</sub>	0.01	0.00	0.02	<b>0.46</b>	0.02	0.00	CO 17
	2085	0.000	Min M <sub>T</sub>	0.00	0.00	0.11	<b>0.08</b>	0.00	0.00	CO 9
		0.450	Max M <sub>y</sub>	0.00	0.00	0.00	0.10	<b>0.02</b>	0.00	CO 1
	2085	0.000	Min M <sub>y</sub>	0.01	0.00	0.11	0.37	<b>0.00</b>	0.00	CO 12
	2084	0.900	Max M <sub>z</sub>	0.01	0.00	-0.11	0.46	0.00	<b>0.00</b>	CO 17
		0.540	Min M <sub>z</sub>	0.00	0.00	-0.02	0.08	0.02	<b>0.00</b>	CO 9
2410	2087	0.000	max N	<b>0.01</b>	0.00	0.11	0.08	0.00	0.00	CO 8
			min N	<b>-0.02</b>	0.00	0.11	0.43	0.00	0.00	CO 17
			max V <sub>y</sub>	0.00	<b>0.00</b>	0.11	0.08	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.02	<b>0.00</b>	0.11	0.42	0.00	0.00	CO 18
			max V <sub>z</sub>	-0.02	0.00	<b>0.11</b>	0.43	0.00	0.00	CO 17
			min V <sub>z</sub>	0.00	0.00	<b>0.11</b>	0.08	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.02	0.00	0.11	<b>0.43</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.00	0.00	0.11	<b>0.08</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.00	0.00	0.11	0.09	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-0.01	0.00	0.11	0.35	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-0.02	0.00	0.11	0.43	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	0.11	0.08	0.00	<b>0.00</b>	CO 9
	2086	0.900	max N	<b>0.00</b>	0.00	-0.11	0.08	0.00	0.00	CO 8
			min N	<b>-0.03</b>	0.00	-0.11	0.43	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.02	<b>0.00</b>	-0.11	0.42	0.00	0.00	CO 18
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.11	0.08	0.00	0.00	CO 9
			max V <sub>z</sub>	0.00	0.00	<b>-0.11</b>	0.08	0.00	0.00	CO 9
			min V <sub>z</sub>	-0.03	0.00	<b>-0.11</b>	0.43	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.03	0.00	-0.11	<b>0.43</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.00	0.00	-0.11	<b>0.08</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	-0.01	0.00	-0.11	0.09	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-0.02	0.00	-0.11	0.35	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	-0.03	0.00	-0.11	0.43	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	-0.11	0.08	0.00	<b>0.00</b>	CO 9
	2087	0.000	Max N	<b>0.01</b>	0.00	0.11	0.08	0.00	0.00	CO 8
	2086	0.900	Min N	<b>-0.03</b>	0.00	-0.11	0.43	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2086	0.900	Max V <sub>y</sub>	-0.02	<b>0.00</b>	-0.11	0.42	0.00	0.00	CO 18
	2087	0.000	Min V <sub>y</sub>	-0.02	<b>0.00</b>	0.11	0.42	0.00	0.00	CO 18
	2087	0.000	Max V <sub>z</sub>	-0.02	0.00	<b>0.11</b>	0.43	0.00	0.00	CO 17
	2086	0.900	Min V <sub>z</sub>	-0.03	0.00	<b>-0.11</b>	0.43	0.00	0.00	CO 17
		0.360	Max M <sub>T</sub>	-0.02	0.00	0.02	<b>0.43</b>	0.02	0.00	CO 17
	2087	0.000	Min M <sub>T</sub>	0.00	0.00	0.11	<b>0.08</b>	0.00	0.00	CO 9
		0.450	Max M <sub>y</sub>	0.00	0.00	0.00	0.09	<b>0.02</b>	0.00	CO 1
	2087	0.000	Min M <sub>y</sub>	-0.01	0.00	0.11	0.35	<b>0.00</b>	0.00	CO 12
		0.360	Max M <sub>z</sub>	-0.02	0.00	0.02	0.43	0.02	<b>0.00</b>	CO 17
	2087	0.000	Min M <sub>z</sub>	0.00	0.00	0.11	0.08	0.00	<b>0.00</b>	CO 9
2411	2093	0.000	max N	<b>0.10</b>	0.00	0.11	0.45	0.00	0.00	CO 17
			min N	<b>-0.01</b>	0.00	0.11	0.08	0.00	0.00	CO 8
			max V <sub>y</sub>	0.01	<b>0.00</b>	0.11	0.08	0.00	0.00	CO 9
			min V <sub>y</sub>	0.08	<b>0.00</b>	0.11	0.44	0.00	0.00	CO 18
			max V <sub>z</sub>	0.10	0.00	<b>0.11</b>	0.45	0.00	0.00	CO 17
			min V <sub>z</sub>	0.01	0.00	<b>0.11</b>	0.08	0.00	0.00	CO 9
			max M <sub>T</sub>	0.10	0.00	0.11	<b>0.45</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.01	0.00	0.11	<b>0.08</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.02	0.00	0.11	0.10	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.06	0.00	0.11	0.36	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.10	0.00	0.11	0.45	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.01	0.00	0.11	0.08	0.00	<b>0.00</b>	CO 9
	2092	0.900	max N	<b>0.09</b>	0.00	-0.11	0.45	0.00	0.00	CO 17
			min N	<b>-0.01</b>	0.00	-0.11	0.08	0.00	0.00	CO 8
			max V <sub>y</sub>	0.08	<b>0.00</b>	-0.11	0.44	0.00	0.00	CO 18
			min V <sub>y</sub>	0.00	<b>0.00</b>	-0.11	0.08	0.00	0.00	CO 9
			max V <sub>z</sub>	0.00	0.00	<b>-0.11</b>	0.08	0.00	0.00	CO 9
			min V <sub>z</sub>	0.09	0.00	<b>-0.11</b>	0.45	0.00	0.00	CO 17
			max M <sub>T</sub>	0.09	0.00	-0.11	<b>0.45</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.00	0.00	-0.11	<b>0.08</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.01	0.00	-0.11	0.10	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.05	0.00	-0.11	0.36	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.09	0.00	-0.11	0.45	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.00	0.00	-0.11	0.08	0.00	<b>0.00</b>	CO 9
	2093	0.000	Max N	<b>0.10</b>	0.00	0.11	0.45	0.00	0.00	CO 17
	2092	0.900	Min N	<b>-0.01</b>	0.00	-0.11	0.08	0.00	0.00	CO 8
	2092	0.900	Max V <sub>y</sub>	0.08	<b>0.00</b>	-0.11	0.44	0.00	0.00	CO 18
	2093	0.000	Min V <sub>y</sub>	0.08	<b>0.00</b>	0.11	0.44	0.00	0.00	CO 18
	2093	0.000	Max V <sub>z</sub>	0.10	0.00	<b>0.11</b>	0.45	0.00	0.00	CO 17
	2092	0.900	Min V <sub>z</sub>	0.09	0.00	<b>-0.11</b>	0.45	0.00	0.00	CO 17
		0.360	Max M <sub>T</sub>	0.10	0.00	0.02	<b>0.45</b>	0.02	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2093	0.000	Min M <sub>T</sub>	0.01	0.00	0.11	<b>0.08</b>	0.00	0.00	CO 9
		0.450	Max M <sub>y</sub>	0.02	0.00	0.00	0.10	<b>0.02</b>	0.00	CO 1
	2093	0.000	Min M <sub>y</sub>	0.06	0.00	0.11	0.36	<b>0.00</b>	0.00	CO 12
		0.360	Max M <sub>z</sub>	0.10	0.00	0.02	0.45	0.02	<b>0.00</b>	CO 17
	2093	0.000	Min M <sub>z</sub>	0.01	0.00	0.11	0.08	0.00	<b>0.00</b>	CO 9
2412	2095	0.000	max N	<b>0.39</b>	0.00	0.11	0.51	0.00	0.00	CO 18
			min N	<b>0.07</b>	0.00	0.11	0.09	0.00	0.00	CO 9
			max V <sub>y</sub>	0.07	<b>0.00</b>	0.11	0.09	0.00	0.00	CO 9
			min V <sub>y</sub>	0.39	<b>0.00</b>	0.11	0.51	0.00	0.00	CO 18
			max V <sub>z</sub>	0.39	0.00	<b>0.11</b>	0.51	0.00	0.00	CO 18
			min V <sub>z</sub>	0.07	0.00	<b>0.11</b>	0.09	0.00	0.00	CO 9
			max M <sub>T</sub>	0.39	0.00	0.11	<b>0.52</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.07	0.00	0.11	<b>0.09</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.08	0.00	0.11	0.11	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.33	0.00	0.11	0.41	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.39	0.00	0.11	0.52	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.07	0.00	0.11	0.09	0.00	<b>0.00</b>	CO 9
	2094	0.900	max N	<b>0.39</b>	0.00	-0.11	0.51	0.00	0.00	CO 18
			min N	<b>0.07</b>	0.00	-0.11	0.09	0.00	0.00	CO 9
			max V <sub>y</sub>	0.39	<b>0.00</b>	-0.11	0.51	0.00	0.00	CO 18
			min V <sub>y</sub>	0.07	<b>0.00</b>	-0.11	0.09	0.00	0.00	CO 9
			max V <sub>z</sub>	0.08	0.00	<b>-0.11</b>	0.09	0.00	0.00	CO 8
			min V <sub>z</sub>	0.38	0.00	<b>-0.11</b>	0.52	0.00	0.00	CO 17
			max M <sub>T</sub>	0.38	0.00	-0.11	<b>0.52</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.07	0.00	-0.11	<b>0.09</b>	0.00	0.00	CO 9
			max M <sub>y</sub>	0.07	0.00	-0.11	0.11	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	0.33	0.00	-0.11	0.41	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.38	0.00	-0.11	0.52	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.07	0.00	-0.11	0.09	0.00	<b>0.00</b>	CO 9
	2095	0.000	Max N	<b>0.39</b>	0.00	0.11	0.51	0.00	0.00	CO 18
	2094	0.900	Min N	<b>0.07</b>	0.00	-0.11	0.09	0.00	0.00	CO 9
	2094	0.900	Max V <sub>y</sub>	0.39	<b>0.00</b>	-0.11	0.51	0.00	0.00	CO 18
	2095	0.000	Min V <sub>y</sub>	0.39	<b>0.00</b>	0.11	0.51	0.00	0.00	CO 18
	2095	0.000	Max V <sub>z</sub>	0.39	0.00	<b>0.11</b>	0.51	0.00	0.00	CO 18
	2094	0.900	Min V <sub>z</sub>	0.38	0.00	<b>-0.11</b>	0.52	0.00	0.00	CO 17
		0.360	Max M <sub>T</sub>	0.39	0.00	0.02	<b>0.52</b>	0.02	0.00	CO 17
	2095	0.000	Min M <sub>T</sub>	0.07	0.00	0.11	<b>0.09</b>	0.00	0.00	CO 9
		0.450	Max M <sub>y</sub>	0.08	0.00	0.00	0.11	<b>0.02</b>	0.00	CO 1
	2095	0.000	Min M <sub>y</sub>	0.33	0.00	0.11	0.41	<b>0.00</b>	0.00	CO 12
		0.360	Max M <sub>z</sub>	0.39	0.00	0.02	0.52	0.02	<b>0.00</b>	CO 17
	2095	0.000	Min M <sub>z</sub>	0.07	0.00	0.11	0.09	0.00	<b>0.00</b>	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
2413	2096	0.000	max N	<b>-0.10</b>	0.00	0.09	0.00	0.00	0.00	CO 8
			min N	<b>-0.53</b>	0.00	0.09	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.43	<b>0.00</b>	0.09	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	-0.12	<b>0.00</b>	0.09	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-0.10	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-0.52	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-0.53	0.00	0.09	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.10	0.00	0.09	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-0.10	0.00	0.09	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.40	0.00	0.09	0.00	<b>0.00</b>	0.00	CO 16
			max M <sub>z</sub>	-0.43	0.00	0.09	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-0.12	0.00	0.09	0.00	0.00	<b>0.00</b>	CO 1
	2097	0.900	max N	<b>-0.10</b>	0.00	-0.09	0.00	0.00	0.00	CO 8
			min N	<b>-0.54</b>	0.00	-0.09	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.43	<b>0.00</b>	-0.09	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	-0.12	<b>0.00</b>	-0.09	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-0.10	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-0.52	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-0.54	0.00	-0.09	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.10	0.00	-0.09	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-0.10	0.00	-0.09	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-0.52	0.00	-0.09	0.00	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	-0.12	0.00	-0.09	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-0.43	0.00	-0.09	0.00	0.00	<b>0.00</b>	CO 12
	2096	0.000	Max N	<b>-0.10</b>	0.00	0.09	0.00	0.00	0.00	CO 8
	2097	0.900	Min N	<b>-0.54</b>	0.00	-0.09	0.00	0.00	0.00	CO 17
	2096	0.000	Max V <sub>y</sub>	-0.43	<b>0.00</b>	0.09	0.00	0.00	0.00	CO 12
	2097	0.900	Min V <sub>y</sub>	-0.12	<b>0.00</b>	-0.09	0.00	0.00	0.00	CO 1
	2096	0.000	Max V <sub>z</sub>	-0.10	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 9
	2097	0.900	Min V <sub>z</sub>	-0.52	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 18
		0.360	Max M <sub>T</sub>	-0.54	0.00	0.02	<b>0.00</b>	0.02	0.00	CO 17
	2097	0.900	Min M <sub>T</sub>	-0.10	0.00	-0.09	<b>0.00</b>	0.00	0.00	CO 8
		0.450	Max M <sub>y</sub>	-0.10	0.00	0.00	0.00	<b>0.02</b>	0.00	CO 9
	2097	0.900	Min M <sub>y</sub>	-0.52	0.00	-0.09	0.00	<b>0.00</b>	0.00	CO 18
	2096	0.000	Max M <sub>z</sub>	-0.43	0.00	0.09	0.00	0.00	<b>0.00</b>	CO 12
	2097	0.900	Min M <sub>z</sub>	-0.43	0.00	-0.09	0.00	0.00	<b>0.00</b>	CO 12
2414	2098	0.000	max N	<b>-0.07</b>	0.00	0.09	0.00	0.00	0.00	CO 8
			min N	<b>-0.50</b>	0.00	0.09	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.40	<b>0.00</b>	0.09	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	-0.10	<b>0.00</b>	0.09	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-0.07	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-0.50	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.50	0.00	0.09	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.07	0.00	0.09	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-0.49	0.00	0.09	0.00	<b>0.00</b>	0.00	CO 19
			min M <sub>y</sub>	-0.07	0.00	0.09	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-0.40	0.00	0.09	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-0.10	0.00	0.09	0.00	0.00	<b>0.00</b>	CO 1
	2099	0.900	max N	<b>-0.07</b>	0.00	-0.09	0.00	0.00	0.00	CO 8
			min N	<b>-0.50</b>	0.00	-0.09	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.40	<b>0.00</b>	-0.09	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	-0.10	<b>0.00</b>	-0.09	0.00	0.00	0.00	CO 1
			max V <sub>z</sub>	-0.07	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.50	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.50	0.00	-0.09	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.07	0.00	-0.09	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-0.07	0.00	-0.09	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.50	0.00	-0.09	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-0.10	0.00	-0.09	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-0.40	0.00	-0.09	0.00	0.00	<b>0.00</b>	CO 12
	2098	0.000	Max N	<b>-0.07</b>	0.00	0.09	0.00	0.00	0.00	CO 8
	2099	0.900	Min N	<b>-0.50</b>	0.00	-0.09	0.00	0.00	0.00	CO 17
		0.720	Max V <sub>y</sub>	-0.40	<b>0.00</b>	-0.05	0.00	0.01	0.00	CO 12
	2098	0.000	Min V <sub>y</sub>	-0.10	<b>0.00</b>	0.09	0.00	0.00	0.00	CO 1
	2098	0.000	Max V <sub>z</sub>	-0.07	0.00	<b>0.09</b>	0.00	0.00	0.00	CO 8
	2099	0.900	Min V <sub>z</sub>	-0.50	0.00	<b>-0.09</b>	0.00	0.00	0.00	CO 17
		0.360	Max M <sub>T</sub>	-0.50	0.00	0.02	<b>0.00</b>	0.02	0.00	CO 17
	2099	0.900	Min M <sub>T</sub>	-0.07	0.00	-0.09	<b>0.00</b>	0.00	0.00	CO 8
		0.450	Max M <sub>y</sub>	-0.07	0.00	0.00	0.00	<b>0.02</b>	0.00	CO 8
	2099	0.900	Min M <sub>y</sub>	-0.50	0.00	-0.09	0.00	<b>0.00</b>	0.00	CO 17
	2098	0.000	Max M <sub>z</sub>	-0.40	0.00	0.09	0.00	0.00	<b>0.00</b>	CO 12
	2099	0.900	Min M <sub>z</sub>	-0.40	0.00	-0.09	0.00	0.00	<b>0.00</b>	CO 12
2415	2097	0.000	max N	<b>-2.80</b>	0.00	0.35	0.00	0.00	0.00	CO 8
			min N	<b>-7.85</b>	0.01	2.71	0.00	0.00	0.00	CO 19
			max V <sub>y</sub>	-7.85	<b>0.01</b>	2.71	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-2.80	<b>0.00</b>	0.35	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-7.85	0.01	<b>2.71</b>	0.00	0.00	0.00	CO 19
			min V <sub>z</sub>	-2.80	0.00	<b>0.35</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	-2.80	0.00	0.35	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-7.85	0.01	2.71	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-2.80	0.00	0.35	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-7.85	0.01	2.71	0.00	<b>0.00</b>	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-2.80	0.00	0.35	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-7.85	0.01	2.71	0.00	0.00	<b>0.00</b>	CO 17
	2099	3.600	max N	<b>-2.80</b>	0.00	-0.35	0.00	0.00	0.00	CO 8
			min N	<b>-7.85</b>	-0.01	-2.71	0.00	0.00	0.00	CO 19
			max V <sub>y</sub>	-2.80	<b>0.00</b>	-0.35	0.00	0.00	0.00	CO 9
			min V <sub>y</sub>	-7.85	<b>-0.01</b>	-2.71	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-2.80	0.00	<b>-0.35</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-7.85	-0.01	<b>-2.71</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-2.80	0.00	-0.35	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-7.85	-0.01	-2.71	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-2.80	0.00	-0.35	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-7.85	-0.01	-2.71	0.00	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	-7.85	-0.01	-2.71	0.00	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-2.80	0.00	-0.35	0.00	0.00	<b>0.00</b>	CO 9
	2099	3.600	Max N	<b>-2.80</b>	0.00	-0.35	0.00	0.00	0.00	CO 8
		1.440	Min N	<b>-7.86</b>	0.00	0.54	0.00	2.34	-0.01	CO 19
	2097	0.000	Max V <sub>y</sub>	-7.85	<b>0.01</b>	2.71	0.00	0.00	0.00	CO 17
	2099	3.600	Min V <sub>y</sub>	-7.85	<b>-0.01</b>	-2.71	0.00	0.00	0.00	CO 17
	2097	0.000	Max V <sub>z</sub>	-7.85	0.01	<b>2.71</b>	0.00	0.00	0.00	CO 19
	2099	3.600	Min V <sub>z</sub>	-7.85	-0.01	<b>-2.71</b>	0.00	0.00	0.00	CO 18
	2097	0.000	Max M <sub>T</sub>	-2.80	0.00	0.35	<b>0.00</b>	0.00	0.00	CO 9
		1.920	Min M <sub>T</sub>	-6.95	0.00	-0.18	<b>-0.01</b>	2.43	-0.01	CO 12
		1.800	Max M <sub>y</sub>	-7.86	0.00	0.00	0.00	<b>2.44</b>	-0.01	CO 19
	2097	0.000	Min M <sub>y</sub>	-7.85	0.01	2.71	0.00	<b>0.00</b>	0.00	CO 17
	2099	3.600	Max M <sub>z</sub>	-7.85	-0.01	-2.71	0.00	0.00	<b>0.00</b>	CO 17
		1.440	Min M <sub>z</sub>	-7.86	0.00	0.54	0.00	2.34	<b>-0.01</b>	CO 17
2416	2096	0.000	max N	<b>-2.71</b>	0.00	0.35	0.00	0.00	0.00	CO 9
			min N	<b>-7.58</b>	0.01	2.71	0.00	0.00	0.00	CO 18
			max V <sub>y</sub>	-7.58	<b>0.01</b>	2.71	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-2.71	<b>0.00</b>	0.35	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-7.58	0.01	<b>2.71</b>	0.00	0.00	0.00	CO 19
			min V <sub>z</sub>	-2.71	0.00	<b>0.35</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	-2.71	0.00	0.35	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-7.58	0.01	2.71	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-2.71	0.00	0.35	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-7.58	0.01	2.71	0.00	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	-2.71	0.00	0.35	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-7.58	0.01	2.71	0.00	0.00	<b>0.00</b>	CO 17
	2098	3.600	max N	<b>-2.71</b>	0.00	-0.35	0.00	0.00	0.00	CO 9
			min N	<b>-7.58</b>	-0.01	-2.71	0.00	0.00	0.00	CO 18
			max V <sub>y</sub>	-2.71	<b>0.00</b>	-0.35	0.00	0.00	0.00	CO 9



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-7.58	<b>-0.01</b>	-2.71	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-2.71	0.00	<b>-0.35</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-7.58	-0.01	<b>-2.71</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-2.71	0.00	-0.35	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-7.58	-0.01	-2.71	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-2.71	0.00	-0.35	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-7.58	-0.01	-2.71	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-7.58	-0.01	-2.71	0.00	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-2.71	0.00	-0.35	0.00	0.00	<b>0.00</b>	CO 9
	2098	3.600	Max N	<b>-2.71</b>	0.00	-0.35	0.00	0.00	0.00	CO 9
		1.680	Min N	<b>-7.58</b>	0.00	0.18	-0.01	2.43	-0.01	CO 18
	2096	0.000	Max V <sub>y</sub>	-7.58	<b>0.01</b>	2.71	0.00	0.00	0.00	CO 17
	2098	3.600	Min V <sub>y</sub>	-7.58	<b>-0.01</b>	-2.71	0.00	0.00	0.00	CO 17
	2096	0.000	Max V <sub>z</sub>	-7.58	0.01	<b>2.71</b>	0.00	0.00	0.00	CO 19
	2098	3.600	Min V <sub>z</sub>	-7.58	-0.01	<b>-2.71</b>	0.00	0.00	0.00	CO 18
	2096	0.000	Max M <sub>T</sub>	-2.71	0.00	0.35	<b>0.00</b>	0.00	0.00	CO 9
		1.920	Min M <sub>T</sub>	-6.72	0.00	-0.18	<b>-0.01</b>	2.43	-0.01	CO 12
		1.800	Max M <sub>y</sub>	-7.58	0.00	0.00	-0.01	<b>2.44</b>	-0.01	CO 18
	2098	3.600	Min M <sub>y</sub>	-7.58	-0.01	-2.71	0.00	<b>0.00</b>	0.00	CO 17
	2098	3.600	Max M <sub>z</sub>	-7.58	-0.01	-2.71	0.00	0.00	<b>0.00</b>	CO 17
		1.440	Min M <sub>z</sub>	-7.58	0.00	0.54	0.00	2.34	<b>-0.01</b>	CO 17
2417	2096	0.000	max N	<b>-0.43</b>	0.38	-5.61	0.00	0.00	0.00	CO 20
			min N	<b>-2.78</b>	0.23	-4.69	0.00	0.00	0.00	CO 11
			max V <sub>y</sub>	-2.77	<b>0.52</b>	-7.59	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-0.44	<b>0.10</b>	-2.71	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.44	0.10	<b>-2.71</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-2.77	0.50	<b>-7.59</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-0.43	0.39	-5.61	<b>0.00</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	-2.78	0.23	-4.70	<b>0.00</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	-2.78	0.23	-4.70	0.00	<b>0.00</b>	0.00	CO 10
			min M <sub>y</sub>	-0.43	0.39	-5.61	0.00	<b>0.00</b>	0.00	CO 16
			max M <sub>z</sub>	-0.44	0.10	-2.71	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-2.77	0.52	-7.59	0.00	0.00	<b>0.00</b>	CO 17
	2082	1.050	max N	<b>-0.67</b>	0.10	-2.71	0.00	-2.85	-0.10	CO 8
			min N	<b>-3.03</b>	0.51	-7.58	0.04	-7.96	-0.54	CO 17
			max V <sub>y</sub>	-3.03	<b>0.51</b>	-7.58	0.04	-7.96	-0.54	CO 17
			min V <sub>y</sub>	-0.67	<b>0.10</b>	-2.71	0.00	-2.85	-0.10	CO 8
			max V <sub>z</sub>	-0.67	0.10	<b>-2.71</b>	0.00	-2.84	-0.10	CO 9
			min V <sub>z</sub>	-3.03	0.50	<b>-7.58</b>	0.04	-7.97	-0.53	CO 18
			max M <sub>T</sub>	-3.03	0.51	-7.58	<b>0.04</b>	-7.96	-0.54	CO 17
			min M <sub>T</sub>	-0.67	0.10	-2.71	<b>0.00</b>	-2.85	-0.10	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-0.67	0.10	-2.71	0.00	<b>-2.84</b>	-0.10	CO 9
			min M <sub>y</sub>	-3.03	0.50	-7.58	0.04	<b>-7.97</b>	-0.53	CO 18
			max M <sub>z</sub>	-0.67	0.10	-2.71	0.00	-2.85	<b>-0.10</b>	CO 8
			min M <sub>z</sub>	-3.03	0.51	-7.58	0.04	-7.96	<b>-0.54</b>	CO 17
	2096	0.000	Max N	<b>-0.43</b>	0.38	-5.61	0.00	0.00	0.00	CO 20
	2082	1.050	Min N	<b>-3.03</b>	0.51	-7.58	0.04	-7.96	-0.54	CO 17
	2096	0.000	Max V <sub>y</sub>	-2.77	<b>0.52</b>	-7.59	0.00	0.00	0.00	CO 17
	2082	1.050	Min V <sub>y</sub>	-0.67	<b>0.10</b>	-2.71	0.00	-2.85	-0.10	CO 8
	2082	1.050	Max V <sub>z</sub>	-0.67	0.10	<b>-2.71</b>	0.00	-2.84	-0.10	CO 9
	2096	0.000	Min V <sub>z</sub>	-2.77	0.50	<b>-7.59</b>	0.00	0.00	0.00	CO 18
	2082	1.050	Max M <sub>T</sub>	-3.03	0.51	-7.58	<b>0.04</b>	-7.96	-0.54	CO 17
	2096	0.000	Min M <sub>T</sub>	-2.78	0.23	-4.70	<b>0.00</b>	0.00	0.00	CO 10
	2096	0.000	Max M <sub>y</sub>	-2.78	0.23	-4.70	0.00	<b>0.00</b>	0.00	CO 10
	2082	1.050	Min M <sub>y</sub>	-3.03	0.50	-7.58	0.04	<b>-7.97</b>	-0.53	CO 18
	2096	0.000	Max M <sub>z</sub>	-0.44	0.10	-2.71	0.00	0.00	<b>0.00</b>	CO 9
	2082	1.050	Min M <sub>z</sub>	-3.03	0.51	-7.58	0.04	-7.96	<b>-0.54</b>	CO 17
2418	2097	0.000	max N	<b>-0.43</b>	-0.40	-5.81	0.00	0.00	0.00	CO 16
			min N	<b>-2.78</b>	-0.24	-4.85	0.00	0.00	0.00	CO 10
			max V <sub>y</sub>	-0.44	<b>-0.10</b>	-2.80	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-2.77	<b>-0.56</b>	-7.86	0.00	0.01	0.00	CO 17
			max V <sub>z</sub>	-0.44	-0.10	<b>-2.80</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-2.77	-0.54	<b>-7.86</b>	0.00	0.01	0.00	CO 19
			max M <sub>T</sub>	-0.44	-0.12	-2.80	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-2.77	-0.44	-6.96	<b>0.00</b>	0.01	0.00	CO 12
			max M <sub>y</sub>	-2.77	-0.56	-7.86	0.00	<b>0.01</b>	0.00	CO 17
			min M <sub>y</sub>	-0.44	-0.10	-2.80	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-0.44	-0.10	-2.80	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-2.77	-0.56	-7.86	0.00	0.01	<b>0.00</b>	CO 17
	2083	1.025	max N	<b>-0.67</b>	-0.10	-2.80	0.00	-2.87	0.10	CO 9
			min N	<b>-3.02</b>	-0.55	-7.85	0.04	-8.05	0.57	CO 17
			max V <sub>y</sub>	-0.67	<b>-0.10</b>	-2.80	0.00	-2.87	0.10	CO 8
			min V <sub>y</sub>	-3.02	<b>-0.55</b>	-7.85	0.04	-8.05	0.57	CO 17
			max V <sub>z</sub>	-0.67	-0.10	<b>-2.80</b>	0.00	-2.87	0.10	CO 8
			min V <sub>z</sub>	-3.02	-0.54	<b>-7.85</b>	0.04	-8.05	0.55	CO 19
			max M <sub>T</sub>	-3.02	-0.55	-7.85	<b>0.04</b>	-8.05	0.57	CO 17
			min M <sub>T</sub>	-0.67	-0.10	-2.80	<b>0.00</b>	-2.87	0.10	CO 8
			max M <sub>y</sub>	-0.67	-0.10	-2.80	0.00	<b>-2.87</b>	0.10	CO 8
			min M <sub>y</sub>	-3.02	-0.54	-7.85	0.04	<b>-8.05</b>	0.55	CO 19
			max M <sub>z</sub>	-3.02	-0.55	-7.85	0.04	-8.05	<b>0.57</b>	CO 17
			min M <sub>z</sub>	-0.67	-0.10	-2.80	0.00	-2.87	<b>0.10</b>	CO 8
	2097	0.000	Max N	<b>-0.43</b>	-0.40	-5.81	0.00	0.00	0.00	CO 16

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2083	1.025	Min N	<b>-3.02</b>	-0.55	-7.85	0.04	-8.05	0.57	CO 17
	2097	0.000	Max V <sub>y</sub>	-0.44	<b>-0.10</b>	-2.80	0.00	0.00	0.00	CO 8
		0.410	Min V <sub>y</sub>	-2.86	<b>-0.56</b>	-7.86	0.02	-3.22	0.22	CO 17
	2083	1.025	Max V <sub>z</sub>	-0.67	-0.10	<b>-2.80</b>	0.00	-2.87	0.10	CO 8
	2097	0.000	Min V <sub>z</sub>	-2.77	-0.54	<b>-7.86</b>	0.00	0.01	0.00	CO 19
	2083	1.025	Max M <sub>T</sub>	-3.02	-0.55	-7.85	<b>0.04</b>	-8.05	0.57	CO 17
	2097	0.000	Min M <sub>T</sub>	-2.77	-0.44	-6.96	<b>0.00</b>	0.01	0.00	CO 12
	2097	0.000	Max M <sub>y</sub>	-2.77	-0.56	-7.86	0.00	<b>0.01</b>	0.00	CO 17
	2083	1.025	Min M <sub>y</sub>	-3.02	-0.54	-7.85	0.04	<b>-8.05</b>	0.55	CO 19
	2083	1.025	Max M <sub>z</sub>	-3.02	-0.55	-7.85	0.04	-8.05	<b>0.57</b>	CO 17
	2097	0.000	Min M <sub>z</sub>	-2.77	-0.56	-7.86	0.00	0.01	<b>0.00</b>	CO 17
2419	2098	0.000	max N	<b>-0.43</b>	0.37	5.61	0.00	0.00	0.00	CO 16
			min N	<b>-2.78</b>	0.21	4.69	0.00	0.00	0.00	CO 10
			max V <sub>y</sub>	-2.77	<b>0.51</b>	7.58	0.00	-0.01	0.00	CO 17
			min V <sub>y</sub>	-0.44	<b>0.07</b>	2.71	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-2.77	0.51	<b>7.58</b>	0.00	-0.01	0.00	CO 17
			min V <sub>z</sub>	-0.44	0.07	<b>2.71</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	-2.77	0.51	7.58	<b>0.00</b>	-0.01	0.00	CO 17
			min M <sub>T</sub>	-0.44	0.07	2.71	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-0.44	0.07	2.71	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-2.77	0.51	7.58	0.00	<b>-0.01</b>	0.00	CO 17
			max M <sub>z</sub>	-2.77	0.51	7.58	0.00	-0.01	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-0.44	0.07	2.71	0.00	0.00	<b>0.00</b>	CO 9
	2094	1.050	max N	<b>-0.67</b>	0.10	2.71	0.00	2.84	-0.10	CO 1
			min N	<b>-3.03</b>	0.49	7.57	-0.02	7.95	-0.51	CO 18
			max V <sub>y</sub>	-3.03	<b>0.50</b>	7.57	-0.02	7.95	-0.53	CO 17
			min V <sub>y</sub>	-0.67	<b>0.07</b>	2.71	0.00	2.84	-0.07	CO 8
			max V <sub>z</sub>	-3.03	0.50	<b>7.57</b>	-0.02	7.95	-0.53	CO 17
			min V <sub>z</sub>	-0.67	0.07	<b>2.71</b>	0.00	2.84	-0.07	CO 8
			max M <sub>T</sub>	-0.67	0.07	2.71	<b>0.00</b>	2.84	-0.08	CO 9
			min M <sub>T</sub>	-3.03	0.49	7.57	<b>-0.02</b>	7.95	-0.51	CO 18
			max M <sub>y</sub>	-3.03	0.50	7.57	-0.02	<b>7.95</b>	-0.53	CO 17
			min M <sub>y</sub>	-0.67	0.07	2.71	0.00	<b>2.84</b>	-0.07	CO 8
			max M <sub>z</sub>	-0.67	0.07	2.71	0.00	2.84	<b>-0.07</b>	CO 8
			min M <sub>z</sub>	-3.03	0.50	7.57	-0.02	7.95	<b>-0.53</b>	CO 17
	2098	0.000	Max N	<b>-0.43</b>	0.37	5.61	0.00	0.00	0.00	CO 16
	2094	1.050	Min N	<b>-3.03</b>	0.49	7.57	-0.02	7.95	-0.51	CO 18
	2098	0.000	Max V <sub>y</sub>	-2.77	<b>0.51</b>	7.58	0.00	-0.01	0.00	CO 17
	2094	1.050	Min V <sub>y</sub>	-0.67	<b>0.07</b>	2.71	0.00	2.84	-0.07	CO 8
	2098	0.000	Max V <sub>z</sub>	-2.77	0.51	<b>7.58</b>	0.00	-0.01	0.00	CO 17
	2094	1.050	Min V <sub>z</sub>	-0.67	0.07	<b>2.71</b>	0.00	2.84	-0.07	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2098	0.000	Max M <sub>T</sub>	-2.77	0.51	7.58	<b>0.00</b>	-0.01	0.00	CO 17
	2094	1.050	Min M <sub>T</sub>	-3.03	0.49	7.57	<b>-0.02</b>	7.95	-0.51	CO 18
	2094	1.050	Max M <sub>y</sub>	-3.03	0.50	7.57	-0.02	<b>7.95</b>	-0.53	CO 17
	2098	0.000	Min M <sub>y</sub>	-2.77	0.51	7.58	0.00	<b>-0.01</b>	0.00	CO 17
	2098	0.000	Max M <sub>z</sub>	-2.77	0.51	7.58	0.00	-0.01	<b>0.00</b>	CO 17
	2094	1.050	Min M <sub>z</sub>	-3.03	0.50	7.57	-0.02	7.95	<b>-0.53</b>	CO 17
2420	2099	0.000	max N	<b>-0.43</b>	-0.35	5.81	0.00	0.00	0.00	CO 20
			min N	<b>-2.78</b>	-0.24	4.85	0.00	0.00	0.00	CO 2
			max V <sub>y</sub>	-0.44	<b>-0.07</b>	2.80	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-2.77	<b>-0.51</b>	7.86	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-2.77	-0.49	<b>7.86</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	-0.44	-0.10	<b>2.80</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	-0.44	-0.10	2.80	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-2.77	-0.40	6.96	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-0.43	-0.36	5.81	0.00	<b>0.00</b>	0.00	CO 16
			min M <sub>y</sub>	-2.78	-0.21	4.86	0.00	<b>0.00</b>	0.00	CO 10
			max M <sub>z</sub>	-2.77	-0.51	7.86	0.00	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-0.44	-0.07	2.80	0.00	0.00	<b>0.00</b>	CO 9
	2095	1.025	max N	<b>-0.67</b>	-0.07	2.80	0.00	2.87	0.07	CO 8
			min N	<b>-3.02</b>	-0.50	7.85	-0.02	8.05	0.52	CO 17
			max V <sub>y</sub>	-0.67	<b>-0.07</b>	2.80	0.00	2.87	0.07	CO 8
			min V <sub>y</sub>	-3.02	<b>-0.50</b>	7.85	-0.02	8.05	0.52	CO 17
			max V <sub>z</sub>	-3.02	-0.49	<b>7.85</b>	-0.02	8.05	0.50	CO 18
			min V <sub>z</sub>	-0.67	-0.10	<b>2.80</b>	0.00	2.87	0.10	CO 1
			max M <sub>T</sub>	-0.67	-0.07	2.80	<b>0.00</b>	2.87	0.08	CO 9
			min M <sub>T</sub>	-3.02	-0.49	7.85	<b>-0.02</b>	8.05	0.50	CO 18
			max M <sub>y</sub>	-3.02	-0.49	7.85	-0.02	<b>8.05</b>	0.50	CO 18
			min M <sub>y</sub>	-0.67	-0.10	2.80	0.00	<b>2.87</b>	0.10	CO 1
			max M <sub>z</sub>	-3.02	-0.50	7.85	-0.02	8.05	<b>0.52</b>	CO 17
			min M <sub>z</sub>	-0.67	-0.07	2.80	0.00	2.87	<b>0.07</b>	CO 8
	2099	0.000	Max N	<b>-0.43</b>	-0.35	5.81	0.00	0.00	0.00	CO 20
	2095	1.025	Min N	<b>-3.02</b>	-0.50	7.85	-0.02	8.05	0.52	CO 17
	2099	0.000	Max V <sub>y</sub>	-0.44	<b>-0.07</b>	2.80	0.00	0.00	0.00	CO 8
		0.205	Min V <sub>y</sub>	-2.82	<b>-0.51</b>	7.86	0.00	1.61	0.11	CO 17
	2099	0.000	Max V <sub>z</sub>	-2.77	-0.49	<b>7.86</b>	0.00	0.00	0.00	CO 18
	2095	1.025	Min V <sub>z</sub>	-0.67	-0.10	<b>2.80</b>	0.00	2.87	0.10	CO 1
	2099	0.000	Max M <sub>T</sub>	-0.44	-0.10	2.80	<b>0.00</b>	0.00	0.00	CO 1
	2095	1.025	Min M <sub>T</sub>	-3.02	-0.49	7.85	<b>-0.02</b>	8.05	0.50	CO 18
	2095	1.025	Max M <sub>y</sub>	-3.02	-0.49	7.85	-0.02	<b>8.05</b>	0.50	CO 18
	2099	0.000	Min M <sub>y</sub>	-2.78	-0.21	4.86	0.00	<b>0.00</b>	0.00	CO 10
	2095	1.025	Max M <sub>z</sub>	-3.02	-0.50	7.85	-0.02	8.05	<b>0.52</b>	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2099	0.000	Min M <sub>z</sub>	-0.44	-0.07	2.80	0.00	0.00	<b>0.00</b>	CO 9
2421	2101	0.000	max N	<b>0.15</b>	0.03	9.55	-1.31	0.00	0.01	CO 19
			min N	<b>-0.33</b>	0.00	3.34	-0.10	0.00	0.00	CO 8
			max V <sub>y</sub>	0.15	<b>0.03</b>	9.55	-1.31	0.00	0.01	CO 19
			min V <sub>y</sub>	-0.33	<b>0.00</b>	3.34	-0.10	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.07	0.02	<b>9.55</b>	-1.22	0.00	0.01	CO 18
			min V <sub>z</sub>	0.01	0.00	<b>3.34</b>	-0.31	0.00	0.00	CO 1
			max M <sub>T</sub>	-0.33	0.00	3.34	<b>-0.10</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	0.13	0.03	9.55	<b>-1.34</b>	0.00	0.01	CO 17
			max M <sub>y</sub>	0.04	0.00	3.34	-0.26	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-0.23	0.01	8.39	-0.92	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.13	0.03	9.55	-1.34	0.00	<b>0.01</b>	CO 17
			min M <sub>z</sub>	-0.33	0.00	3.34	-0.10	0.00	<b>0.00</b>	CO 8
		1.200	max N	<b>0.11</b>	0.00	7.09	-1.31	9.99	0.00	CO 19
			min N	<b>-0.33</b>	0.00	2.44	-0.10	3.47	0.00	CO 8
			max V <sub>y</sub>	0.11	<b>0.00</b>	7.09	-1.31	9.99	0.00	CO 19
			min V <sub>y</sub>	-0.27	<b>0.00</b>	4.06	-0.59	6.07	0.00	CO 14
			max V <sub>z</sub>	-0.10	0.00	<b>7.09</b>	-1.22	9.99	0.00	CO 18
			min V <sub>z</sub>	0.00	0.00	<b>2.44</b>	-0.31	3.46	0.00	CO 1
			max M <sub>T</sub>	-0.33	0.00	2.44	<b>-0.10</b>	3.47	0.00	CO 8
			min M <sub>T</sub>	0.10	0.00	7.09	<b>-1.35</b>	9.99	0.00	CO 17
			max M <sub>y</sub>	-0.10	0.00	7.09	-1.22	<b>9.99</b>	0.00	CO 18
			min M <sub>y</sub>	0.00	0.00	2.44	-0.31	<b>3.46</b>	0.00	CO 1
			max M <sub>z</sub>	-0.27	0.00	4.06	-0.59	6.07	<b>0.00</b>	CO 14
			min M <sub>z</sub>	0.11	0.00	7.09	-1.31	9.99	<b>0.00</b>	CO 19
			max N	<b>9.37</b>	0.01	3.90	-0.07	0.70	0.00	CO 19
			min N	<b>3.01</b>	0.01	1.58	0.00	0.12	0.00	CO 8
			max V <sub>y</sub>	9.16	<b>0.02</b>	3.90	-0.07	0.71	0.01	CO 18
			min V <sub>y</sub>	3.37	<b>0.00</b>	1.58	-0.01	0.12	0.00	CO 9
			max V <sub>z</sub>	7.25	0.01	<b>3.91</b>	-0.06	0.00	0.00	CO 16
			min V <sub>z</sub>	5.12	0.01	<b>1.58</b>	-0.02	0.82	0.00	CO 10
			max M <sub>T</sub>	3.01	0.01	1.58	<b>0.00</b>	0.12	0.00	CO 8
			min M <sub>T</sub>	9.36	0.02	3.90	<b>-0.08</b>	0.70	0.00	CO 17
			max M <sub>y</sub>	5.12	0.01	1.58	-0.02	<b>0.82</b>	0.00	CO 10
			min M <sub>y</sub>	7.25	0.01	3.91	-0.06	<b>0.00</b>	0.00	CO 16
			max M <sub>z</sub>	7.86	0.02	3.20	-0.05	0.74	<b>0.01</b>	CO 12
			min M <sub>z</sub>	3.37	0.00	1.58	-0.01	0.12	<b>0.00</b>	CO 9
		2.100	max N	<b>9.37</b>	0.01	2.07	-0.08	3.39	-0.01	CO 19
			min N	<b>3.01</b>	0.01	0.91	0.00	1.24	0.00	CO 8
			max V <sub>y</sub>	9.16	<b>0.02</b>	2.07	-0.07	3.39	-0.01	CO 18
			min V <sub>y</sub>	3.37	<b>0.00</b>	0.91	-0.01	1.25	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	7.25	0.01	<b>2.07</b>	-0.06	2.70	-0.01	CO 16
			min V <sub>z</sub>	5.12	0.01	<b>0.90</b>	-0.02	1.94	0.00	CO 10
			max M <sub>T</sub>	3.01	0.01	0.91	<b>0.00</b>	1.24	0.00	CO 8
			min M <sub>T</sub>	9.35	0.01	2.07	<b>-0.08</b>	3.39	-0.01	CO 17
			max M <sub>y</sub>	9.37	0.01	2.07	-0.08	<b>3.39</b>	-0.01	CO 19
			min M <sub>y</sub>	3.01	0.01	0.91	0.00	<b>1.24</b>	0.00	CO 8
			max M <sub>z</sub>	3.37	0.00	0.91	-0.01	1.25	<b>0.00</b>	CO 9
			min M <sub>z</sub>	9.16	0.02	2.07	-0.07	3.39	<b>-0.01</b>	CO 18
			max N	<b>9.37</b>	-0.01	1.91	-0.08	3.38	-0.01	CO 19
			min N	<b>3.01</b>	0.00	0.75	0.00	1.25	0.00	CO 8
			max V <sub>y</sub>	3.37	<b>0.00</b>	0.75	-0.01	1.24	0.00	CO 9
			min V <sub>y</sub>	9.16	<b>-0.01</b>	1.91	-0.07	3.38	-0.01	CO 18
			max V <sub>z</sub>	7.25	-0.01	<b>1.92</b>	-0.06	2.69	-0.01	CO 16
			min V <sub>z</sub>	5.12	-0.01	<b>0.75</b>	-0.02	1.94	0.00	CO 10
			max M <sub>T</sub>	3.01	0.00	0.75	<b>0.00</b>	1.25	0.00	CO 8
			min M <sub>T</sub>	9.35	-0.01	1.91	<b>-0.08</b>	3.38	-0.01	CO 17
			max M <sub>y</sub>	9.16	-0.01	1.91	-0.07	<b>3.38</b>	-0.01	CO 18
			min M <sub>y</sub>	3.34	0.00	0.75	-0.02	<b>1.24</b>	0.00	CO 1
			max M <sub>z</sub>	3.37	0.00	0.75	-0.01	1.24	<b>0.00</b>	CO 9
			min M <sub>z</sub>	9.16	-0.01	1.91	-0.07	3.38	<b>-0.01</b>	CO 18
		3.000	max N	<b>9.37</b>	-0.01	0.08	-0.08	4.28	0.01	CO 19
			min N	<b>3.01</b>	0.00	0.08	0.00	1.62	0.00	CO 8
			max V <sub>y</sub>	3.37	<b>0.00</b>	0.08	-0.01	1.62	0.00	CO 9
			min V <sub>y</sub>	9.16	<b>-0.02</b>	0.08	-0.07	4.28	0.01	CO 18
			max V <sub>z</sub>	9.35	-0.02	<b>0.08</b>	-0.08	4.28	0.01	CO 17
			min V <sub>z</sub>	3.01	0.00	<b>0.08</b>	0.00	1.62	0.00	CO 8
			max M <sub>T</sub>	3.01	0.00	0.08	<b>0.00</b>	1.62	0.00	CO 8
			min M <sub>T</sub>	9.35	-0.02	0.08	<b>-0.08</b>	4.28	0.01	CO 17
			max M <sub>y</sub>	9.35	-0.02	0.08	-0.08	<b>4.28</b>	0.01	CO 17
			min M <sub>y</sub>	3.01	0.00	0.08	0.00	<b>1.62</b>	0.00	CO 8
			max M <sub>z</sub>	9.16	-0.02	0.08	-0.07	4.28	<b>0.01</b>	CO 18
			min M <sub>z</sub>	3.37	0.00	0.08	-0.01	1.62	<b>0.00</b>	CO 9
			max N	<b>9.37</b>	0.05	-0.08	-0.08	4.28	0.01	CO 19
			min N	<b>3.01</b>	0.01	-0.08	0.00	1.62	0.00	CO 8
			max V <sub>y</sub>	9.35	<b>0.05</b>	-0.08	-0.08	4.28	0.01	CO 17
			min V <sub>y</sub>	3.37	<b>0.01</b>	-0.08	-0.01	1.62	0.00	CO 9
			max V <sub>z</sub>	9.35	0.05	<b>-0.08</b>	-0.08	4.28	0.01	CO 17
			min V <sub>z</sub>	3.01	0.01	<b>-0.08</b>	0.00	1.62	0.00	CO 8
			max M <sub>T</sub>	3.01	0.01	-0.08	<b>0.00</b>	1.62	0.00	CO 8
			min M <sub>T</sub>	9.35	0.05	-0.08	<b>-0.08</b>	4.28	0.01	CO 17
			max M <sub>y</sub>	9.16	0.05	-0.08	-0.07	<b>4.28</b>	0.01	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	3.34	0.01	-0.08	-0.02	<b>1.62</b>	0.00	CO 1
			max M <sub>z</sub>	9.35	0.05	-0.08	-0.08	4.28	<b>0.01</b>	CO 17
			min M <sub>z</sub>	3.37	0.01	-0.08	-0.01	1.62	<b>0.00</b>	CO 9
		3.900	max N	<b>9.37</b>	0.05	-1.90	-0.08	3.39	-0.04	CO 19
			min N	<b>3.01</b>	0.01	-0.76	0.00	1.24	-0.01	CO 8
			max V <sub>y</sub>	9.36	<b>0.05</b>	-1.90	-0.08	3.39	-0.04	CO 17
			min V <sub>y</sub>	3.37	<b>0.00</b>	-0.75	-0.01	1.24	0.00	CO 9
			max V <sub>z</sub>	5.45	0.02	<b>-0.75</b>	-0.04	1.94	-0.02	CO 2
			min V <sub>z</sub>	7.05	0.04	<b>-1.92</b>	-0.05	2.69	-0.03	CO 20
			max M <sub>T</sub>	3.01	0.01	-0.76	<b>0.00</b>	1.24	-0.01	CO 8
			min M <sub>T</sub>	9.36	0.05	-1.90	<b>-0.08</b>	3.39	-0.04	CO 17
			max M <sub>y</sub>	9.36	0.05	-1.90	-0.08	<b>3.39</b>	-0.04	CO 17
			min M <sub>y</sub>	3.01	0.01	-0.76	0.00	<b>1.24</b>	-0.01	CO 8
			max M <sub>z</sub>	3.37	0.00	-0.75	-0.01	1.24	<b>0.00</b>	CO 9
			min M <sub>z</sub>	9.36	0.05	-1.90	-0.08	3.39	<b>-0.04</b>	CO 17
			max N	<b>9.37</b>	-0.22	-2.06	-0.08	3.40	-0.04	CO 19
			min N	<b>3.01</b>	-0.03	-0.91	0.00	1.25	-0.01	CO 8
			max V <sub>y</sub>	3.37	<b>-0.02</b>	-0.91	-0.01	1.25	0.00	CO 9
			min V <sub>y</sub>	9.36	<b>-0.23</b>	-2.05	-0.08	3.40	-0.04	CO 17
			max V <sub>z</sub>	5.45	-0.10	<b>-0.90</b>	-0.04	1.95	-0.02	CO 2
			min V <sub>z</sub>	7.06	-0.17	<b>-2.07</b>	-0.05	2.70	-0.03	CO 20
			max M <sub>T</sub>	3.01	-0.03	-0.91	<b>0.00</b>	1.25	-0.01	CO 8
			min M <sub>T</sub>	9.36	-0.23	-2.05	<b>-0.08</b>	3.40	-0.04	CO 17
			max M <sub>y</sub>	9.16	-0.23	-2.06	-0.07	<b>3.40</b>	-0.04	CO 18
			min M <sub>y</sub>	3.34	-0.05	-0.91	-0.02	<b>1.25</b>	-0.01	CO 1
			max M <sub>z</sub>	3.37	-0.02	-0.91	-0.01	1.25	<b>0.00</b>	CO 9
			min M <sub>z</sub>	9.36	-0.23	-2.05	-0.08	3.40	<b>-0.04</b>	CO 17
		4.800	max N	<b>9.38</b>	-0.22	-3.89	-0.08	0.72	0.16	CO 19
			min N	<b>3.01</b>	-0.03	-1.59	0.00	0.13	0.02	CO 8
			max V <sub>y</sub>	3.37	<b>-0.02</b>	-1.58	-0.01	0.13	0.02	CO 9
			min V <sub>y</sub>	9.37	<b>-0.23</b>	-3.89	-0.08	0.73	0.17	CO 17
			max V <sub>z</sub>	5.45	-0.10	<b>-1.57</b>	-0.04	0.83	0.07	CO 2
			min V <sub>z</sub>	7.06	-0.17	<b>-3.91</b>	-0.05	0.02	0.12	CO 20
			max M <sub>T</sub>	3.01	-0.03	-1.59	<b>0.00</b>	0.13	0.02	CO 8
			min M <sub>T</sub>	9.37	-0.23	-3.89	<b>-0.08</b>	0.73	0.17	CO 17
			max M <sub>y</sub>	5.45	-0.10	-1.57	-0.04	<b>0.83</b>	0.07	CO 2
			min M <sub>y</sub>	7.06	-0.17	-3.91	-0.05	<b>0.02</b>	0.12	CO 20
			max M <sub>z</sub>	9.37	-0.23	-3.89	-0.08	0.73	<b>0.17</b>	CO 17
			min M <sub>z</sub>	3.37	-0.02	-1.58	-0.01	0.13	<b>0.02</b>	CO 9
			max N	<b>0.14</b>	0.13	-7.11	0.60	10.00	0.16	CO 19
			min N	<b>-0.33</b>	0.02	-2.45	0.08	3.48	0.02	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	0.12	<b>0.14</b>	-7.11	0.62	10.00	0.17	CO 17
			min V <sub>y</sub>	0.04	<b>0.01</b>	-2.44	0.11	3.47	0.01	CO 9
			max V <sub>z</sub>	0.01	0.03	<b>-2.44</b>	0.14	3.47	0.03	CO 1
			min V <sub>z</sub>	-0.08	0.13	<b>-7.11</b>	0.58	10.01	0.16	CO 18
			max M <sub>T</sub>	0.12	0.14	-7.11	<b>0.62</b>	10.00	0.17	CO 17
			min M <sub>T</sub>	-0.33	0.02	-2.45	<b>0.08</b>	3.48	0.02	CO 8
			max M <sub>y</sub>	-0.08	0.13	-7.11	0.58	<b>10.01</b>	0.16	CO 18
			min M <sub>y</sub>	0.01	0.03	-2.44	0.14	<b>3.47</b>	0.03	CO 1
			max M <sub>z</sub>	0.12	0.14	-7.11	0.62	10.00	<b>0.17</b>	CO 17
			min M <sub>z</sub>	0.04	0.01	-2.44	0.11	3.47	<b>0.01</b>	CO 9
	2021	6.000	max N	<b>0.18</b>	0.12	-9.57	0.60	0.00	0.00	CO 19
			min N	<b>-0.32</b>	0.02	-3.35	0.09	0.00	0.00	CO 8
			max V <sub>y</sub>	0.17	<b>0.13</b>	-9.56	0.62	0.00	0.00	CO 17
			min V <sub>y</sub>	0.04	<b>0.01</b>	-3.34	0.11	0.00	0.00	CO 9
			max V <sub>z</sub>	0.01	0.03	<b>-3.34</b>	0.14	0.00	0.00	CO 1
			min V <sub>z</sub>	-0.03	0.12	<b>-9.57</b>	0.59	0.00	0.00	CO 18
			max M <sub>T</sub>	0.17	0.13	-9.56	<b>0.62</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.32	0.02	-3.35	<b>0.09</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-0.21	0.10	-8.41	0.47	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.18	0.12	-9.57	0.60	<b>0.00</b>	0.00	CO 19
			max M <sub>z</sub>	0.17	0.13	-9.56	0.62	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-0.32	0.02	-3.35	0.09	0.00	<b>0.00</b>	CO 8
		4.800	Max N	<b>9.38</b>	-0.22	-3.89	-0.08	0.72	0.16	CO 19
		1.200	Min N	<b>-0.33</b>	0.00	2.44	-0.10	3.47	0.00	CO 8
		4.800	Max V <sub>y</sub>	0.12	<b>0.14</b>	-7.11	0.62	10.00	0.17	CO 17
		4.800	Min V <sub>y</sub>	9.37	<b>-0.23</b>	-3.89	-0.08	0.73	0.17	CO 17
	2101	0.000	Max V <sub>z</sub>	-0.07	0.02	<b>9.55</b>	-1.22	0.00	0.01	CO 18
	2021	6.000	Min V <sub>z</sub>	-0.03	0.12	<b>-9.57</b>	0.59	0.00	0.00	CO 18
	2021	6.000	Max M <sub>T</sub>	0.17	0.13	-9.56	<b>0.62</b>	0.00	0.00	CO 17
		1.200	Min M <sub>T</sub>	0.10	0.00	7.09	<b>-1.35</b>	9.99	0.00	CO 17
		4.800	Max M <sub>y</sub>	-0.08	0.13	-7.11	0.58	<b>10.01</b>	0.16	CO 18
	2101	0.000	Min M <sub>y</sub>	-0.23	0.01	8.39	-0.92	<b>0.00</b>	0.00	CO 12
		4.800	Max M <sub>z</sub>	9.37	-0.23	-3.89	-0.08	0.73	<b>0.17</b>	CO 17
		3.900	Min M <sub>z</sub>	9.36	-0.23	-2.05	-0.08	3.40	<b>-0.04</b>	CO 17
2422	2102	0.000	max N	<b>0.31</b>	0.00	3.34	0.11	0.00	0.00	CO 8
			min N	<b>-0.06</b>	-0.03	9.61	1.27	0.00	-0.01	CO 19
			max V <sub>y</sub>	0.31	<b>0.00</b>	3.34	0.11	0.00	0.00	CO 8
			min V <sub>y</sub>	-0.06	<b>-0.03</b>	9.61	1.27	0.00	-0.01	CO 19
			max V <sub>z</sub>	-0.06	-0.03	<b>9.61</b>	1.31	0.00	-0.01	CO 17
			min V <sub>z</sub>	0.31	0.00	<b>3.34</b>	0.11	0.00	0.00	CO 8
			max M <sub>T</sub>	-0.06	-0.03	9.61	<b>1.31</b>	0.00	-0.01	CO 17



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	0.31	0.00	3.34	<b>0.11</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.27	-0.01	8.43	0.91	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.00	0.00	3.34	0.25	<b>0.00</b>	0.00	CO 9
			max M <sub>z</sub>	0.31	0.00	3.34	0.11	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.06	-0.03	9.61	1.31	0.00	<b>-0.01</b>	CO 17
		1.200	max N	<b>0.30</b>	0.00	2.44	0.11	3.47	0.00	CO 8
			min N	<b>-0.09</b>	0.00	7.15	1.27	10.06	0.00	CO 19
			max V <sub>y</sub>	0.30	<b>0.00</b>	2.44	0.11	3.47	0.00	CO 8
			min V <sub>y</sub>	-0.09	<b>0.00</b>	7.15	1.27	10.06	0.00	CO 19
			max V <sub>z</sub>	-0.09	0.00	<b>7.15</b>	1.31	10.06	0.00	CO 17
			min V <sub>z</sub>	0.30	0.00	<b>2.44</b>	0.11	3.47	0.00	CO 8
			max M <sub>T</sub>	-0.09	0.00	7.15	<b>1.31</b>	10.06	0.00	CO 17
			min M <sub>T</sub>	0.30	0.00	2.44	<b>0.11</b>	3.47	0.00	CO 8
			max M <sub>y</sub>	-0.09	0.00	7.15	1.31	<b>10.06</b>	0.00	CO 17
			min M <sub>y</sub>	0.30	0.00	2.44	0.11	<b>3.47</b>	0.00	CO 8
			max M <sub>z</sub>	-0.09	0.00	7.15	1.27	10.06	<b>0.00</b>	CO 19
			min M <sub>z</sub>	0.26	0.00	4.09	0.58	6.11	<b>0.00</b>	CO 14
			max N	<b>9.86</b>	-0.02	3.90	0.07	0.66	-0.01	CO 18
			min N	<b>3.49</b>	0.00	1.58	0.02	0.10	0.00	CO 1
			max V <sub>y</sub>	3.50	<b>0.00</b>	1.58	0.02	0.10	0.00	CO 9
			min V <sub>y</sub>	9.86	<b>-0.02</b>	3.90	0.07	0.66	-0.01	CO 18
			max V <sub>z</sub>	7.67	-0.01	<b>3.91</b>	0.05	-0.03	-0.01	CO 20
			min V <sub>z</sub>	5.69	-0.01	<b>1.58</b>	0.04	0.79	0.00	CO 2
			max M <sub>T</sub>	9.68	-0.02	3.90	<b>0.08</b>	0.66	0.00	CO 17
			min M <sub>T</sub>	3.80	-0.01	1.59	<b>0.01</b>	0.10	0.00	CO 8
			max M <sub>y</sub>	5.69	-0.01	1.58	0.04	<b>0.79</b>	0.00	CO 2
			min M <sub>y</sub>	7.67	-0.01	3.91	0.05	<b>-0.03</b>	-0.01	CO 20
			max M <sub>z</sub>	3.50	0.00	1.58	0.02	0.10	<b>0.00</b>	CO 9
			min M <sub>z</sub>	8.79	-0.02	3.21	0.05	0.70	<b>-0.01</b>	CO 12
		2.100	max N	<b>9.86</b>	-0.02	2.07	0.07	3.34	0.01	CO 18
			min N	<b>3.49</b>	0.00	0.91	0.02	1.22	0.00	CO 1
			max V <sub>y</sub>	3.50	<b>0.00</b>	0.91	0.02	1.22	0.00	CO 9
			min V <sub>y</sub>	9.86	<b>-0.02</b>	2.07	0.07	3.34	0.01	CO 18
			max V <sub>z</sub>	7.67	-0.01	<b>2.07</b>	0.05	2.66	0.01	CO 20
			min V <sub>z</sub>	5.69	-0.01	<b>0.91</b>	0.04	1.91	0.00	CO 2
			max M <sub>T</sub>	9.67	-0.01	2.06	<b>0.08</b>	3.34	0.01	CO 17
			min M <sub>T</sub>	3.80	-0.01	0.91	<b>0.01</b>	1.23	0.00	CO 8
			max M <sub>y</sub>	9.86	-0.02	2.07	0.07	<b>3.34</b>	0.01	CO 18
			min M <sub>y</sub>	3.50	0.00	0.91	0.02	<b>1.22</b>	0.00	CO 9
			max M <sub>z</sub>	9.67	-0.01	2.06	0.08	3.34	<b>0.01</b>	CO 17
			min M <sub>z</sub>	3.50	0.00	0.91	0.02	1.22	<b>0.00</b>	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max N	<b>9.86</b>	0.01	1.91	0.07	3.35	0.01	CO 18
			min N	<b>3.49</b>	0.00	0.75	0.02	1.23	0.00	CO 1
			max V <sub>y</sub>	9.67	<b>0.01</b>	1.91	0.08	3.35	0.01	CO 17
			min V <sub>y</sub>	3.50	<b>0.00</b>	0.75	0.02	1.23	0.00	CO 9
			max V <sub>z</sub>	7.67	0.01	<b>1.91</b>	0.05	2.66	0.01	CO 20
			min V <sub>z</sub>	5.69	0.01	<b>0.75</b>	0.04	1.91	0.00	CO 2
			max M <sub>T</sub>	9.67	0.01	1.91	<b>0.08</b>	3.35	0.01	CO 17
			min M <sub>T</sub>	3.80	0.00	0.76	<b>0.01</b>	1.23	0.00	CO 8
			max M <sub>y</sub>	9.67	0.01	1.91	0.08	<b>3.35</b>	0.01	CO 17
			min M <sub>y</sub>	3.80	0.00	0.76	0.01	<b>1.23</b>	0.00	CO 8
			max M <sub>z</sub>	9.67	0.01	1.91	0.08	3.35	<b>0.01</b>	CO 17
			min M <sub>z</sub>	3.50	0.00	0.75	0.02	1.23	<b>0.00</b>	CO 9
		3.000	max N	<b>9.86</b>	0.02	0.08	0.07	4.24	-0.01	CO 18
			min N	<b>3.49</b>	0.00	0.08	0.02	1.60	0.00	CO 1
			max V <sub>y</sub>	9.67	<b>0.02</b>	0.08	0.08	4.24	-0.01	CO 17
			min V <sub>y</sub>	3.50	<b>0.00</b>	0.08	0.02	1.60	0.00	CO 9
			max V <sub>z</sub>	3.80	0.00	<b>0.08</b>	0.01	1.60	0.00	CO 8
			min V <sub>z</sub>	7.48	0.01	<b>0.08</b>	0.06	3.56	0.00	CO 16
			max M <sub>T</sub>	9.67	0.02	0.08	<b>0.08</b>	4.24	-0.01	CO 17
			min M <sub>T</sub>	3.80	0.00	0.08	<b>0.01</b>	1.60	0.00	CO 8
			max M <sub>y</sub>	9.86	0.02	0.08	0.07	<b>4.24</b>	-0.01	CO 18
			min M <sub>y</sub>	3.49	0.00	0.08	0.02	<b>1.60</b>	0.00	CO 1
			max M <sub>z</sub>	3.50	0.00	0.08	0.02	1.60	<b>0.00</b>	CO 9
			min M <sub>z</sub>	9.86	0.02	0.08	0.07	4.24	<b>-0.01</b>	CO 18
			max N	<b>9.86</b>	-0.05	-0.08	0.07	4.24	-0.01	CO 18
			min N	<b>3.49</b>	-0.01	-0.08	0.02	1.60	0.00	CO 1
			max V <sub>y</sub>	3.50	<b>0.00</b>	-0.08	0.02	1.60	0.00	CO 9
			min V <sub>y</sub>	9.67	<b>-0.05</b>	-0.08	0.08	4.24	-0.01	CO 17
			max V <sub>z</sub>	8.79	-0.04	<b>-0.07</b>	0.05	3.65	-0.01	CO 12
			min V <sub>z</sub>	7.48	-0.04	<b>-0.08</b>	0.06	3.56	0.00	CO 16
			max M <sub>T</sub>	9.67	-0.05	-0.08	<b>0.08</b>	4.24	-0.01	CO 17
			min M <sub>T</sub>	3.80	-0.01	-0.07	<b>0.01</b>	1.60	0.00	CO 8
			max M <sub>y</sub>	9.67	-0.05	-0.08	0.08	<b>4.24</b>	-0.01	CO 17
			min M <sub>y</sub>	3.80	-0.01	-0.07	0.01	<b>1.60</b>	0.00	CO 8
			max M <sub>z</sub>	3.50	0.00	-0.08	0.02	1.60	<b>0.00</b>	CO 9
			min M <sub>z</sub>	9.86	-0.05	-0.08	0.07	4.24	<b>-0.01</b>	CO 18
		3.900	max N	<b>9.87</b>	-0.05	-1.90	0.07	3.35	0.04	CO 18
			min N	<b>3.49</b>	-0.01	-0.75	0.02	1.23	0.01	CO 1
			max V <sub>y</sub>	3.50	<b>0.00</b>	-0.75	0.02	1.23	0.00	CO 9
			min V <sub>y</sub>	9.68	<b>-0.05</b>	-1.91	0.08	3.35	0.04	CO 17
			max V <sub>z</sub>	6.00	-0.02	<b>-0.74</b>	0.03	1.92	0.02	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	7.49	-0.04	<b>-1.91</b>	0.06	2.66	0.03	CO 16
			max M <sub>T</sub>	9.68	-0.05	-1.91	<b>0.08</b>	3.35	0.04	CO 17
			min M <sub>T</sub>	3.80	-0.01	-0.75	<b>0.01</b>	1.23	0.01	CO 8
			max M <sub>y</sub>	9.87	-0.05	-1.90	0.07	<b>3.35</b>	0.04	CO 18
			min M <sub>y</sub>	3.50	0.00	-0.75	0.02	<b>1.23</b>	0.00	CO 9
			max M <sub>z</sub>	9.68	-0.05	-1.91	0.08	3.35	<b>0.04</b>	CO 17
			min M <sub>z</sub>	3.50	0.00	-0.75	0.02	1.23	<b>0.00</b>	CO 9
			max N	<b>9.87</b>	0.23	-2.07	0.07	3.34	0.04	CO 18
			min N	<b>3.49</b>	0.05	-0.91	0.02	1.22	0.01	CO 1
			max V <sub>y</sub>	9.68	<b>0.23</b>	-2.07	0.08	3.34	0.04	CO 17
			min V <sub>y</sub>	3.50	<b>0.02</b>	-0.91	0.02	1.22	0.00	CO 9
			max V <sub>z</sub>	6.00	0.09	<b>-0.90</b>	0.03	1.90	0.02	CO 10
			min V <sub>z</sub>	7.49	0.18	<b>-2.08</b>	0.06	2.65	0.03	CO 16
			max M <sub>T</sub>	9.68	0.23	-2.07	<b>0.08</b>	3.34	0.04	CO 17
			min M <sub>T</sub>	3.80	0.03	-0.91	<b>0.01</b>	1.22	0.01	CO 8
			max M <sub>y</sub>	9.68	0.23	-2.07	0.08	<b>3.34</b>	0.04	CO 17
			min M <sub>y</sub>	3.80	0.03	-0.91	0.01	<b>1.22</b>	0.01	CO 8
			max M <sub>z</sub>	9.68	0.23	-2.07	0.08	3.34	<b>0.04</b>	CO 17
			min M <sub>z</sub>	3.50	0.02	-0.91	0.02	1.22	<b>0.00</b>	CO 9
		4.800	max N	<b>9.88</b>	0.23	-3.90	0.07	0.65	-0.16	CO 18
			min N	<b>3.50</b>	0.05	-1.59	0.02	0.10	-0.03	CO 1
			max V <sub>y</sub>	9.69	<b>0.23</b>	-3.91	0.08	0.65	-0.17	CO 17
			min V <sub>y</sub>	3.50	<b>0.02</b>	-1.58	0.02	0.10	-0.02	CO 9
			max V <sub>z</sub>	6.00	0.09	<b>-1.58</b>	0.03	0.79	-0.06	CO 10
			min V <sub>z</sub>	7.50	0.18	<b>-3.92</b>	0.06	-0.04	-0.13	CO 16
			max M <sub>T</sub>	9.69	0.23	-3.91	<b>0.08</b>	0.65	-0.17	CO 17
			min M <sub>T</sub>	3.80	0.03	-1.58	<b>0.01</b>	0.10	-0.02	CO 8
			max M <sub>y</sub>	5.69	0.08	-1.58	0.04	<b>0.79</b>	-0.06	CO 11
			min M <sub>y</sub>	7.50	0.18	-3.92	0.06	<b>-0.04</b>	-0.13	CO 16
			max M <sub>z</sub>	3.50	0.02	-1.58	0.02	0.10	<b>-0.02</b>	CO 9
			min M <sub>z</sub>	9.69	0.23	-3.91	0.08	0.65	<b>-0.17</b>	CO 17
			max N	<b>0.30</b>	-0.02	-2.43	-0.07	3.46	-0.02	CO 8
			min N	<b>-0.07</b>	-0.13	-7.13	-0.57	10.03	-0.16	CO 19
			max V <sub>y</sub>	0.00	<b>-0.01</b>	-2.44	-0.10	3.47	-0.01	CO 9
			min V <sub>y</sub>	-0.07	<b>-0.14</b>	-7.13	-0.59	10.04	-0.17	CO 17
			max V <sub>z</sub>	0.30	-0.02	<b>-2.43</b>	-0.07	3.46	-0.02	CO 8
			min V <sub>z</sub>	-0.07	-0.14	<b>-7.13</b>	-0.59	10.04	-0.17	CO 17
			max M <sub>T</sub>	0.30	-0.02	-2.43	<b>-0.07</b>	3.46	-0.02	CO 8
			min M <sub>T</sub>	-0.07	-0.14	-7.13	<b>-0.59</b>	10.04	-0.17	CO 17
			max M <sub>y</sub>	-0.07	-0.14	-7.13	-0.59	<b>10.04</b>	-0.17	CO 17
			min M <sub>y</sub>	0.30	-0.02	-2.43	-0.07	<b>3.46</b>	-0.02	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	0.00	-0.01	-2.44	-0.10	3.47	<b>-0.01</b>	CO 9
			min M <sub>z</sub>	-0.07	-0.14	-7.13	-0.59	10.04	<b>-0.17</b>	CO 17
	2020	6.000	max N	<b>0.31</b>	-0.02	-3.33	-0.07	0.00	0.00	CO 8
			min N	<b>-0.04</b>	-0.10	-7.25	-0.44	0.00	0.00	CO 16
			max V <sub>y</sub>	0.00	<b>-0.01</b>	-3.34	-0.10	0.00	0.00	CO 9
			min V <sub>y</sub>	-0.02	<b>-0.13</b>	-9.59	-0.59	0.00	0.00	CO 17
			max V <sub>z</sub>	0.31	-0.02	<b>-3.33</b>	-0.07	0.00	0.00	CO 8
			min V <sub>z</sub>	-0.02	-0.13	<b>-9.59</b>	-0.59	0.00	0.00	CO 17
			max M <sub>T</sub>	0.31	-0.02	-3.33	<b>-0.07</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-0.02	-0.13	-9.59	<b>-0.59</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	0.00	-0.01	-3.34	-0.10	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	0.29	-0.10	-8.41	-0.43	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.31	-0.02	-3.33	-0.07	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-0.02	-0.13	-9.59	-0.59	0.00	<b>0.00</b>	CO 17
		4.800	Max N	<b>9.88</b>	0.23	-3.90	0.07	0.65	-0.16	CO 18
		1.200	Min N	<b>-0.09</b>	0.00	7.15	1.27	10.06	0.00	CO 19
		4.800	Max V <sub>y</sub>	9.69	<b>0.23</b>	-3.91	0.08	0.65	-0.17	CO 17
		4.800	Min V <sub>y</sub>	-0.07	<b>-0.14</b>	-7.13	-0.59	10.04	-0.17	CO 17
	2102	0.000	Max V <sub>z</sub>	-0.06	-0.03	<b>9.61</b>	1.31	0.00	-0.01	CO 17
	2020	6.000	Min V <sub>z</sub>	-0.02	-0.13	<b>-9.59</b>	-0.59	0.00	0.00	CO 17
	2102	0.000	Max M <sub>T</sub>	-0.06	-0.03	9.61	<b>1.31</b>	0.00	-0.01	CO 17
		4.800	Min M <sub>T</sub>	-0.07	-0.14	-7.13	<b>-0.59</b>	10.04	-0.17	CO 17
		1.200	Max M <sub>y</sub>	-0.09	0.00	7.15	1.31	<b>10.06</b>	0.00	CO 17
		4.800	Min M <sub>y</sub>	7.50	0.18	-3.92	0.06	<b>-0.04</b>	-0.13	CO 16
		3.900	Max M <sub>z</sub>	9.68	0.23	-2.07	0.08	3.34	<b>0.04</b>	CO 17
		4.800	Min M <sub>z</sub>	9.69	0.23	-3.91	0.08	0.65	<b>-0.17</b>	CO 17
2423	2104	0.000	max N	<b>1.26</b>	0.00	0.16	0.02	0.00	0.00	CO 17
			min N	<b>0.10</b>	0.00	0.16	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	0.87	<b>0.00</b>	0.16	0.01	0.00	0.00	CO 12
			min V <sub>y</sub>	0.30	<b>0.00</b>	0.16	0.01	0.00	0.00	CO 1
			max V <sub>z</sub>	0.10	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	1.26	0.00	<b>0.16</b>	0.02	0.00	0.00	CO 17
			max M <sub>T</sub>	1.26	0.00	0.16	<b>0.02</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.10	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	1.02	0.00	0.16	0.02	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	0.87	0.00	0.16	0.01	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	0.10	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	1.26	0.00	0.16	0.02	0.00	<b>0.00</b>	CO 17
	2103	1.318	max N	<b>1.25</b>	0.00	-0.16	0.02	0.00	0.00	CO 17
			min N	<b>0.09</b>	0.00	-0.16	0.00	0.00	0.00	CO 8
			max V <sub>y</sub>	0.29	<b>0.00</b>	-0.16	0.01	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	0.86	<b>0.00</b>	-0.16	0.01	0.00	0.00	CO 12
			max V <sub>z</sub>	1.25	0.00	<b>-0.16</b>	0.02	0.00	0.00	CO 17
			min V <sub>z</sub>	0.09	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	1.25	0.00	-0.16	<b>0.02</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.09	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	1.01	0.00	-0.16	0.02	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	0.86	0.00	-0.16	0.01	<b>0.00</b>	0.00	CO 12
			max M <sub>z</sub>	1.01	0.00	-0.16	0.02	0.00	<b>0.00</b>	CO 13
			min M <sub>z</sub>	0.09	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 8
	2104	0.000	Max N	<b>1.26</b>	0.00	0.16	0.02	0.00	0.00	CO 17
	2103	1.318	Min N	<b>0.09</b>	0.00	-0.16	0.00	0.00	0.00	CO 8
	2104	0.000	Max V <sub>y</sub>	0.87	<b>0.00</b>	0.16	0.01	0.00	0.00	CO 12
	2103	1.318	Min V <sub>y</sub>	0.86	<b>0.00</b>	-0.16	0.01	0.00	0.00	CO 12
	2104	0.000	Max V <sub>z</sub>	0.10	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 8
	2103	1.318	Min V <sub>z</sub>	0.09	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 8
	2104	0.000	Max M <sub>T</sub>	1.26	0.00	0.16	<b>0.02</b>	0.00	0.00	CO 17
	2104	0.000	Min M <sub>T</sub>	0.10	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 8
		0.659	Max M <sub>y</sub>	0.25	0.00	0.00	0.01	<b>0.05</b>	0.00	CO 9
	2104	0.000	Min M <sub>y</sub>	0.87	0.00	0.16	0.01	<b>0.00</b>	0.00	CO 12
	2103	1.318	Max M <sub>z</sub>	1.01	0.00	-0.16	0.02	0.00	<b>0.00</b>	CO 13
		0.659	Min M <sub>z</sub>	0.86	0.00	0.00	0.01	0.05	<b>0.00</b>	CO 12
2424	2106	0.000	max N	<b>0.03</b>	0.00	0.16	0.01	0.00	0.00	CO 18
			min N	<b>0.01</b>	0.00	0.16	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	0.03	<b>0.00</b>	0.16	0.01	0.00	0.00	CO 17
			max V <sub>z</sub>	0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	0.03	0.00	<b>0.16</b>	0.01	0.00	0.00	CO 18
			max M <sub>T</sub>	0.03	0.00	0.16	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	0.02	0.00	0.16	0.01	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	0.03	0.00	0.16	0.01	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	0.03	0.00	0.16	0.01	0.00	<b>0.00</b>	CO 17
	2105	1.318	max N	<b>0.03</b>	0.00	-0.16	0.01	0.00	0.00	CO 18
			min N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	0.02	<b>0.00</b>	-0.16	0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	0.03	0.00	<b>-0.16</b>	0.01	0.00	0.00	CO 18
			min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.02	0.00	-0.16	<b>0.01</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	0.01	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	0.01	0.00	-0.16	0.01	<b>0.00</b>	0.00	CO 13
			min M <sub>y</sub>	0.03	0.00	-0.16	0.01	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	0.00	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	0.02	0.00	-0.16	0.01	0.00	<b>0.00</b>	CO 17
	2106	0.000	Max N	<b>0.03</b>	0.00	0.16	0.01	0.00	0.00	CO 18
	2105	1.318	Min N	<b>0.00</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
	2106	0.000	Max V <sub>y</sub>	0.01	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 8
	2105	1.318	Min V <sub>y</sub>	0.01	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 8
	2106	0.000	Max V <sub>z</sub>	0.01	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 9
	2105	1.318	Min V <sub>z</sub>	0.00	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 9
	2106	0.000	Max M <sub>T</sub>	0.03	0.00	0.16	<b>0.01</b>	0.00	0.00	CO 17
	2106	0.000	Min M <sub>T</sub>	0.01	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 8
		0.659	Max M <sub>y</sub>	0.02	0.00	0.00	0.01	<b>0.05</b>	0.00	CO 13
	2106	0.000	Min M <sub>y</sub>	0.03	0.00	0.16	0.01	<b>0.00</b>	0.00	CO 18
	2106	0.000	Max M <sub>z</sub>	0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 8
		0.659	Min M <sub>z</sub>	0.01	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 8
2425	2108	0.000	max N	<b>0.00</b>	0.00	0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.07</b>	0.00	0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.01	<b>0.00</b>	0.16	-0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	-0.07	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-0.06	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	0.00	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.05	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	-0.02	0.00	0.16	<b>-0.01</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	-0.01	0.00	0.16	-0.01	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.02	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 11
			max M <sub>z</sub>	-0.05	0.00	0.16	-0.01	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-0.01	0.00	0.16	0.00	0.00	<b>0.00</b>	CO 1
	2107	1.318	max N	<b>-0.01</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
			min N	<b>-0.07</b>	0.00	-0.16	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.07	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-0.02	<b>0.00</b>	-0.16	-0.01	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.01	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	-0.07	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-0.06	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 16
			min M <sub>T</sub>	-0.03	0.00	-0.16	<b>-0.01</b>	0.00	0.00	CO 10
			max M <sub>y</sub>	-0.02	0.00	-0.16	-0.01	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.03	0.00	-0.16	0.00	<b>0.00</b>	0.00	CO 11
			max M <sub>z</sub>	-0.07	0.00	-0.16	0.00	0.00	<b>0.00</b>	CO 18
			min M <sub>z</sub>	-0.02	0.00	-0.16	-0.01	0.00	<b>0.00</b>	CO 8
	2108	0.000	Max N	<b>0.00</b>	0.00	0.16	0.00	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2107	1.318	Min N	<b>-0.07</b>	0.00	-0.16	0.00	0.00	0.00	CO 17
	2107	1.318	Max V <sub>y</sub>	-0.07	<b>0.00</b>	-0.16	0.00	0.00	0.00	CO 17
	2108	0.000	Min V <sub>y</sub>	-0.07	<b>0.00</b>	0.16	0.00	0.00	0.00	CO 17
	2108	0.000	Max V <sub>z</sub>	-0.06	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 18
	2107	1.318	Min V <sub>z</sub>	-0.07	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 18
	2108	0.000	Max M <sub>T</sub>	-0.05	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 16
	2108	0.000	Min M <sub>T</sub>	-0.02	0.00	0.16	<b>-0.01</b>	0.00	0.00	CO 10
		0.659	Max M <sub>y</sub>	-0.06	0.00	0.00	-0.01	<b>0.05</b>	0.00	CO 12
	2108	0.000	Min M <sub>y</sub>	-0.02	0.00	0.16	0.00	<b>0.00</b>	0.00	CO 11
		0.659	Max M <sub>z</sub>	-0.07	0.00	0.00	0.00	0.05	<b>0.00</b>	CO 17
	2107	1.318	Min M <sub>z</sub>	-0.02	0.00	-0.16	-0.01	0.00	<b>0.00</b>	CO 8
2426	2110	0.000	max N	<b>0.29</b>	0.00	0.16	-0.01	0.00	0.00	CO 17
			min N	<b>0.03</b>	0.00	0.16	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	0.05	<b>0.00</b>	0.16	-0.01	0.00	0.00	CO 8
			min V <sub>y</sub>	0.29	<b>0.00</b>	0.16	-0.01	0.00	0.00	CO 17
			max V <sub>z</sub>	0.03	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 9
			min V <sub>z</sub>	0.29	0.00	<b>0.16</b>	-0.01	0.00	0.00	CO 17
			max M <sub>T</sub>	0.06	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.23	0.00	0.16	<b>-0.01</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.23	0.00	0.16	-0.01	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.21	0.00	0.16	-0.01	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	0.29	0.00	0.16	-0.01	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.05	0.00	0.16	-0.01	0.00	<b>0.00</b>	CO 8
	2109	1.318	max N	<b>0.28</b>	0.00	-0.16	-0.01	0.00	0.00	CO 17
			min N	<b>0.02</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
			max V <sub>y</sub>	0.28	<b>0.00</b>	-0.16	-0.01	0.00	0.00	CO 17
			min V <sub>y</sub>	0.04	<b>0.00</b>	-0.16	-0.01	0.00	0.00	CO 8
			max V <sub>z</sub>	0.28	0.00	<b>-0.16</b>	-0.01	0.00	0.00	CO 17
			min V <sub>z</sub>	0.02	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	0.05	0.00	-0.16	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.22	0.00	-0.16	<b>-0.01</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.22	0.00	-0.16	-0.01	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.20	0.00	-0.16	-0.01	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	0.28	0.00	-0.16	-0.01	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.11	0.00	-0.16	-0.01	0.00	<b>0.00</b>	CO 10
	2110	0.000	Max N	<b>0.29</b>	0.00	0.16	-0.01	0.00	0.00	CO 17
	2109	1.318	Min N	<b>0.02</b>	0.00	-0.16	0.00	0.00	0.00	CO 9
	2109	1.318	Max V <sub>y</sub>	0.28	<b>0.00</b>	-0.16	-0.01	0.00	0.00	CO 17
	2110	0.000	Min V <sub>y</sub>	0.29	<b>0.00</b>	0.16	-0.01	0.00	0.00	CO 17
	2110	0.000	Max V <sub>z</sub>	0.03	0.00	<b>0.16</b>	0.00	0.00	0.00	CO 9
	2109	1.318	Min V <sub>z</sub>	0.02	0.00	<b>-0.16</b>	0.00	0.00	0.00	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2110	0.000	Max M <sub>T</sub>	0.06	0.00	0.16	<b>0.00</b>	0.00	0.00	CO 1
	2110	0.000	Min M <sub>T</sub>	0.23	0.00	0.16	<b>-0.01</b>	0.00	0.00	CO 12
		0.659	Max M <sub>y</sub>	0.04	0.00	0.00	-0.01	<b>0.05</b>	0.00	CO 8
	2110	0.000	Min M <sub>y</sub>	0.21	0.00	0.16	-0.01	<b>0.00</b>	0.00	CO 13
		0.659	Max M <sub>z</sub>	0.29	0.00	0.00	-0.01	0.05	<b>0.00</b>	CO 17
	2109	1.318	Min M <sub>z</sub>	0.11	0.00	-0.16	-0.01	0.00	<b>0.00</b>	CO 10
2427	2112	0.000	max N	<b>0.33</b>	0.00	0.16	-0.02	0.00	0.00	CO 19
			min N	<b>0.03</b>	0.00	0.16	-0.02	0.00	0.00	CO 8
			max V <sub>y</sub>	0.03	<b>0.00</b>	0.16	-0.02	0.00	0.00	CO 8
			min V <sub>y</sub>	0.33	<b>0.00</b>	0.16	-0.02	0.00	0.00	CO 17
			max V <sub>z</sub>	0.03	0.00	<b>0.16</b>	-0.02	0.00	0.00	CO 8
			min V <sub>z</sub>	0.33	0.00	<b>0.16</b>	-0.02	0.00	0.00	CO 19
			max M <sub>T</sub>	0.09	0.00	0.16	<b>-0.01</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.23	0.00	0.16	<b>-0.03</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.23	0.00	0.16	-0.03	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.29	0.00	0.16	-0.02	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	0.33	0.00	0.16	-0.02	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	0.11	0.00	0.16	-0.02	0.00	<b>0.00</b>	CO 10
	2111	1.318	max N	<b>0.33</b>	0.00	-0.16	-0.02	0.00	0.00	CO 19
			min N	<b>0.03</b>	0.00	-0.16	-0.02	0.00	0.00	CO 8
			max V <sub>y</sub>	0.32	<b>0.00</b>	-0.16	-0.02	0.00	0.00	CO 17
			min V <sub>y</sub>	0.03	<b>0.00</b>	-0.16	-0.02	0.00	0.00	CO 8
			max V <sub>z</sub>	0.32	0.00	<b>-0.16</b>	-0.02	0.00	0.00	CO 17
			min V <sub>z</sub>	0.03	0.00	<b>-0.16</b>	-0.02	0.00	0.00	CO 8
			max M <sub>T</sub>	0.08	0.00	-0.16	<b>-0.01</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	0.22	0.00	-0.16	<b>-0.03</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	0.22	0.00	-0.16	-0.03	<b>0.00</b>	0.00	CO 12
			min M <sub>y</sub>	0.28	0.00	-0.16	-0.02	<b>0.00</b>	0.00	CO 13
			max M <sub>z</sub>	0.08	0.00	-0.16	-0.01	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	0.22	0.00	-0.16	-0.03	0.00	<b>0.00</b>	CO 12
	2112	0.000	Max N	<b>0.33</b>	0.00	0.16	-0.02	0.00	0.00	CO 19
	2111	1.318	Min N	<b>0.03</b>	0.00	-0.16	-0.02	0.00	0.00	CO 8
	2111	1.318	Max V <sub>y</sub>	0.32	<b>0.00</b>	-0.16	-0.02	0.00	0.00	CO 17
	2112	0.000	Min V <sub>y</sub>	0.33	<b>0.00</b>	0.16	-0.02	0.00	0.00	CO 17
	2112	0.000	Max V <sub>z</sub>	0.03	0.00	<b>0.16</b>	-0.02	0.00	0.00	CO 8
	2111	1.318	Min V <sub>z</sub>	0.03	0.00	<b>-0.16</b>	-0.02	0.00	0.00	CO 8
	2112	0.000	Max M <sub>T</sub>	0.09	0.00	0.16	<b>-0.01</b>	0.00	0.00	CO 1
	2112	0.000	Min M <sub>T</sub>	0.23	0.00	0.16	<b>-0.03</b>	0.00	0.00	CO 12
		0.659	Max M <sub>y</sub>	0.22	0.00	0.00	-0.03	<b>0.05</b>	0.00	CO 12
	2112	0.000	Min M <sub>y</sub>	0.29	0.00	0.16	-0.02	<b>0.00</b>	0.00	CO 13
		0.659	Max M <sub>z</sub>	0.32	0.00	0.00	-0.02	0.05	<b>0.00</b>	CO 17



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2111	1.318	Min M <sub>z</sub>	0.22	0.00	-0.16	-0.03	0.00	<b>0.00</b>	CO 12
2428	2113	0.000	max N	<b>-0.47</b>	0.95	-7.17	0.00	0.00	0.00	CO 16
			min N	<b>-2.82</b>	0.42	-5.44	0.00	0.00	0.00	CO 10
			max V <sub>y</sub>	-2.81	<b>1.27</b>	-9.27	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-0.48	<b>0.10</b>	-3.34	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-0.48	0.30	<b>-3.33</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-2.81	1.16	<b>-9.27</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-0.48	0.24	-3.33	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-2.81	0.88	-8.13	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-2.81	1.16	-9.27	0.00	<b>0.00</b>	0.00	CO 18
			min M <sub>y</sub>	-0.48	0.30	-3.33	0.00	<b>0.00</b>	0.00	CO 1
			max M <sub>z</sub>	-2.81	1.27	-9.27	0.00	0.00	<b>0.00</b>	CO 17
			min M <sub>z</sub>	-0.48	0.10	-3.34	0.00	0.00	<b>0.00</b>	CO 8
	2103	1.000	max N	<b>-0.70</b>	0.10	-3.34	0.00	-3.34	-0.10	CO 8
			min N	<b>-3.07</b>	1.27	-9.26	0.01	-9.26	-1.27	CO 17
			max V <sub>y</sub>	-3.07	<b>1.27</b>	-9.26	0.01	-9.26	-1.27	CO 17
			min V <sub>y</sub>	-0.70	<b>0.10</b>	-3.34	0.00	-3.34	-0.10	CO 8
			max V <sub>z</sub>	-0.70	0.30	<b>-3.33</b>	0.00	-3.33	-0.30	CO 1
			min V <sub>z</sub>	-3.07	1.15	<b>-9.26</b>	0.01	-9.27	-1.16	CO 18
			max M <sub>T</sub>	-3.07	1.27	-9.26	<b>0.01</b>	-9.26	-1.27	CO 17
			min M <sub>T</sub>	-0.70	0.10	-3.34	<b>0.00</b>	-3.34	-0.10	CO 8
			max M <sub>y</sub>	-0.70	0.30	-3.33	0.00	<b>-3.33</b>	-0.30	CO 1
			min M <sub>y</sub>	-3.07	1.15	-9.26	0.01	<b>-9.27</b>	-1.16	CO 18
			max M <sub>z</sub>	-0.70	0.10	-3.34	0.00	-3.34	<b>-0.10</b>	CO 8
			min M <sub>z</sub>	-3.07	1.27	-9.26	0.01	-9.26	<b>-1.27</b>	CO 17
	2113	0.000	Max N	<b>-0.47</b>	0.95	-7.17	0.00	0.00	0.00	CO 16
	2103	1.000	Min N	<b>-3.07</b>	1.27	-9.26	0.01	-9.26	-1.27	CO 17
	2113	0.000	Max V <sub>y</sub>	-2.81	<b>1.27</b>	-9.27	0.00	0.00	0.00	CO 17
	2103	1.000	Min V <sub>y</sub>	-0.70	<b>0.10</b>	-3.34	0.00	-3.34	-0.10	CO 8
	2103	1.000	Max V <sub>z</sub>	-0.70	0.30	<b>-3.33</b>	0.00	-3.33	-0.30	CO 1
	2113	0.000	Min V <sub>z</sub>	-2.81	1.16	<b>-9.27</b>	0.00	0.00	0.00	CO 18
	2103	1.000	Max M <sub>T</sub>	-3.07	1.27	-9.26	<b>0.01</b>	-9.26	-1.27	CO 17
		0.200	Min M <sub>T</sub>	-2.86	0.88	-8.13	<b>0.00</b>	-1.62	-0.18	CO 12
	2113	0.000	Max M <sub>y</sub>	-2.81	1.16	-9.27	0.00	<b>0.00</b>	0.00	CO 18
	2103	1.000	Min M <sub>y</sub>	-3.07	1.15	-9.26	0.01	<b>-9.27</b>	-1.16	CO 18
	2113	0.000	Max M <sub>z</sub>	-2.81	1.27	-9.27	0.00	0.00	<b>0.00</b>	CO 17
	2103	1.000	Min M <sub>z</sub>	-3.07	1.27	-9.26	0.01	-9.26	<b>-1.27</b>	CO 17
2429	2114	0.000	max N	<b>-0.47</b>	-0.95	-7.56	0.00	0.00	0.00	CO 16
			min N	<b>-2.82</b>	-0.42	-5.72	0.00	0.00	0.00	CO 10
			max V <sub>y</sub>	-0.48	<b>-0.10</b>	-3.50	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-2.81	<b>-1.27</b>	-9.78	0.00	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-0.48	-0.10	<b>-3.50</b>	0.00	0.00	0.00	CO 8
			min V <sub>z</sub>	-2.81	-1.27	<b>-9.78</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-0.48	-0.24	-3.51	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-2.81	-0.88	-8.56	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-2.81	-1.27	-9.78	0.00	<b>0.00</b>	0.00	CO 17
			min M <sub>y</sub>	-0.48	-0.10	-3.50	0.00	<b>0.00</b>	0.00	CO 8
			max M <sub>z</sub>	-0.48	-0.10	-3.50	0.00	0.00	<b>0.00</b>	CO 8
			min M <sub>z</sub>	-2.81	-1.27	-9.78	0.00	0.00	<b>0.00</b>	CO 17
	2104	0.964	max N	<b>-0.69</b>	-0.10	-3.50	0.00	-3.37	0.10	CO 8
			min N	<b>-3.06</b>	-1.27	-9.77	-0.01	-9.42	1.22	CO 17
			max V <sub>y</sub>	-0.69	<b>-0.10</b>	-3.50	0.00	-3.37	0.10	CO 8
			min V <sub>y</sub>	-3.06	<b>-1.27</b>	-9.77	-0.01	-9.42	1.22	CO 17
			max V <sub>z</sub>	-0.69	-0.10	<b>-3.50</b>	0.00	-3.37	0.10	CO 8
			min V <sub>z</sub>	-3.06	-1.27	<b>-9.77</b>	-0.01	-9.42	1.22	CO 17
			max M <sub>T</sub>	-0.69	-0.24	-3.51	<b>0.00</b>	-3.38	0.24	CO 9
			min M <sub>T</sub>	-3.06	-1.27	-9.77	<b>-0.01</b>	-9.42	1.22	CO 17
			max M <sub>y</sub>	-0.69	-0.10	-3.50	0.00	<b>-3.37</b>	0.10	CO 8
			min M <sub>y</sub>	-3.06	-1.27	-9.77	-0.01	<b>-9.42</b>	1.22	CO 17
			max M <sub>z</sub>	-3.06	-1.27	-9.77	-0.01	-9.42	<b>1.22</b>	CO 17
			min M <sub>z</sub>	-0.69	-0.10	-3.50	0.00	-3.37	<b>0.10</b>	CO 8
	2114	0.000	Max N	<b>-0.47</b>	-0.95	-7.56	0.00	0.00	0.00	CO 16
	2104	0.964	Min N	<b>-3.06</b>	-1.27	-9.77	-0.01	-9.42	1.22	CO 17
	2104	0.964	Max V <sub>y</sub>	-0.69	<b>-0.10</b>	-3.50	0.00	-3.37	0.10	CO 8
	2114	0.000	Min V <sub>y</sub>	-2.81	<b>-1.27</b>	-9.78	0.00	0.00	0.00	CO 17
	2104	0.964	Max V <sub>z</sub>	-0.69	-0.10	<b>-3.50</b>	0.00	-3.37	0.10	CO 8
	2114	0.000	Min V <sub>z</sub>	-2.81	-1.27	<b>-9.78</b>	0.00	0.00	0.00	CO 17
		0.193	Max M <sub>T</sub>	-0.52	-0.24	-3.51	<b>0.00</b>	-0.68	0.05	CO 9
	2104	0.964	Min M <sub>T</sub>	-3.06	-1.27	-9.77	<b>-0.01</b>	-9.42	1.22	CO 17
	2114	0.000	Max M <sub>y</sub>	-2.81	-1.27	-9.78	0.00	<b>0.00</b>	0.00	CO 17
	2104	0.964	Min M <sub>y</sub>	-3.06	-1.27	-9.77	-0.01	<b>-9.42</b>	1.22	CO 17
	2104	0.964	Max M <sub>z</sub>	-3.06	-1.27	-9.77	-0.01	-9.42	<b>1.22</b>	CO 17
	2114	0.000	Min M <sub>z</sub>	-2.81	-1.27	-9.78	0.00	0.00	<b>0.00</b>	CO 17
2430	2115	0.000	max N	<b>-0.47</b>	0.52	7.17	0.00	0.00	0.00	CO 16
			min N	<b>-2.82</b>	0.25	5.43	0.00	0.00	0.00	CO 10
			max V <sub>y</sub>	-2.81	<b>0.70</b>	9.26	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-0.48	<b>0.08</b>	3.34	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-2.81	0.65	<b>9.26</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	-0.48	0.16	<b>3.33</b>	0.00	0.00	0.00	CO 1
			max M <sub>T</sub>	-2.81	0.56	8.11	<b>0.00</b>	0.00	0.00	CO 13
			min M <sub>T</sub>	-0.48	0.08	3.34	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-0.48	0.08	3.34	0.00	<b>0.00</b>	0.00	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-2.81	0.70	9.26	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-2.81	0.65	9.26	0.00	0.00	<b>0.00</b>	CO 18
			min M <sub>z</sub>	-0.48	0.13	3.33	0.00	0.00	<b>0.00</b>	CO 9
	2111	1.000	max N	<b>-0.70</b>	0.13	3.33	0.00	3.33	-0.13	CO 9
			min N	<b>-3.07</b>	0.69	9.25	0.00	9.25	-0.70	CO 17
			max V <sub>y</sub>	-3.07	<b>0.69</b>	9.25	0.00	9.25	-0.70	CO 17
			min V <sub>y</sub>	-0.70	<b>0.08</b>	3.33	0.00	3.33	-0.08	CO 8
			max V <sub>z</sub>	-3.07	0.65	<b>9.25</b>	0.00	9.26	-0.65	CO 18
			min V <sub>z</sub>	-0.70	0.15	<b>3.33</b>	0.00	3.33	-0.16	CO 1
			max M <sub>T</sub>	-0.70	0.13	3.33	<b>0.00</b>	3.33	-0.13	CO 9
			min M <sub>T</sub>	-3.06	0.51	8.11	<b>0.00</b>	8.11	-0.51	CO 12
			max M <sub>y</sub>	-3.07	0.65	9.25	0.00	<b>9.26</b>	-0.65	CO 18
			min M <sub>y</sub>	-0.70	0.15	3.33	0.00	<b>3.33</b>	-0.16	CO 1
			max M <sub>z</sub>	-0.70	0.08	3.33	0.00	3.33	<b>-0.08</b>	CO 8
			min M <sub>z</sub>	-3.07	0.69	9.25	0.00	9.25	<b>-0.70</b>	CO 17
	2115	0.000	Max N	<b>-0.47</b>	0.52	7.17	0.00	0.00	0.00	CO 16
	2111	1.000	Min N	<b>-3.07</b>	0.69	9.25	0.00	9.25	-0.70	CO 17
	2115	0.000	Max V <sub>y</sub>	-2.81	<b>0.70</b>	9.26	0.00	0.00	0.00	CO 17
	2111	1.000	Min V <sub>y</sub>	-0.70	<b>0.08</b>	3.33	0.00	3.33	-0.08	CO 8
	2115	0.000	Max V <sub>z</sub>	-2.81	0.65	<b>9.26</b>	0.00	0.00	0.00	CO 18
	2111	1.000	Min V <sub>z</sub>	-0.70	0.15	<b>3.33</b>	0.00	3.33	-0.16	CO 1
		0.400	Max M <sub>T</sub>	-2.90	0.68	9.26	<b>0.00</b>	3.70	-0.27	CO 19
	2111	1.000	Min M <sub>T</sub>	-3.06	0.51	8.11	<b>0.00</b>	8.11	-0.51	CO 12
	2111	1.000	Max M <sub>y</sub>	-3.07	0.65	9.25	0.00	<b>9.26</b>	-0.65	CO 18
	2115	0.000	Min M <sub>y</sub>	-2.81	0.70	9.26	0.00	<b>0.00</b>	0.00	CO 17
	2115	0.000	Max M <sub>z</sub>	-2.81	0.65	9.26	0.00	0.00	<b>0.00</b>	CO 18
	2111	1.000	Min M <sub>z</sub>	-3.07	0.69	9.25	0.00	9.25	<b>-0.70</b>	CO 17
2431	2116	0.000	max N	<b>-0.47</b>	-0.52	7.56	0.00	0.00	0.00	CO 16
			min N	<b>-2.82</b>	-0.30	5.72	0.00	0.00	0.00	CO 11
			max V <sub>y</sub>	-0.48	<b>-0.08</b>	3.51	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-2.81	<b>-0.70</b>	9.77	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-2.81	-0.70	<b>9.77</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-0.48	-0.08	<b>3.51</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	-0.48	-0.13	3.51	<b>0.00</b>	0.00	0.00	CO 9
			min M <sub>T</sub>	-2.81	-0.51	8.55	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-0.48	-0.16	3.51	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-2.81	-0.65	9.77	0.00	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	-0.48	-0.16	3.51	0.00	0.00	<b>0.00</b>	CO 1
			min M <sub>z</sub>	-2.81	-0.68	9.77	0.00	0.00	<b>0.00</b>	CO 19
	2112	0.964	max N	<b>-0.69</b>	-0.08	3.50	0.00	3.38	0.08	CO 8
			min N	<b>-3.06</b>	-0.69	9.76	0.00	9.41	0.67	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-0.69	<b>-0.08</b>	3.50	0.00	3.38	0.08	CO 8
			min V <sub>y</sub>	-3.06	<b>-0.69</b>	9.76	0.00	9.41	0.67	CO 17
			max V <sub>z</sub>	-3.06	-0.69	<b>9.76</b>	0.00	9.41	0.67	CO 17
			min V <sub>z</sub>	-0.69	-0.08	<b>3.50</b>	0.00	3.38	0.08	CO 8
			max M <sub>T</sub>	-3.06	-0.68	9.76	<b>0.00</b>	9.41	0.65	CO 19
			min M <sub>T</sub>	-0.69	-0.08	3.50	<b>0.00</b>	3.38	0.08	CO 8
			max M <sub>y</sub>	-3.06	-0.69	9.76	0.00	<b>9.41</b>	0.67	CO 17
			min M <sub>y</sub>	-0.69	-0.08	3.50	0.00	<b>3.38</b>	0.08	CO 8
			max M <sub>z</sub>	-3.06	-0.69	9.76	0.00	9.41	<b>0.67</b>	CO 17
			min M <sub>z</sub>	-0.69	-0.08	3.50	0.00	3.38	<b>0.08</b>	CO 8
	2116	0.000	Max N	<b>-0.47</b>	-0.52	7.56	0.00	0.00	0.00	CO 16
	2112	0.964	Min N	<b>-3.06</b>	-0.69	9.76	0.00	9.41	0.67	CO 17
	2112	0.964	Max V <sub>y</sub>	-0.69	<b>-0.08</b>	3.50	0.00	3.38	0.08	CO 8
	2116	0.000	Min V <sub>y</sub>	-2.81	<b>-0.70</b>	9.77	0.00	0.00	0.00	CO 17
	2116	0.000	Max V <sub>z</sub>	-2.81	-0.70	<b>9.77</b>	0.00	0.00	0.00	CO 17
	2112	0.964	Min V <sub>z</sub>	-0.69	-0.08	<b>3.50</b>	0.00	3.38	0.08	CO 8
	2112	0.964	Max M <sub>T</sub>	-3.06	-0.68	9.76	<b>0.00</b>	9.41	0.65	CO 19
		0.385	Min M <sub>T</sub>	-2.90	-0.51	8.55	<b>0.00</b>	3.29	0.20	CO 12
	2112	0.964	Max M <sub>y</sub>	-3.06	-0.69	9.76	0.00	<b>9.41</b>	0.67	CO 17
	2116	0.000	Min M <sub>y</sub>	-2.81	-0.65	9.77	0.00	<b>0.00</b>	0.00	CO 18
	2112	0.964	Max M <sub>z</sub>	-3.06	-0.69	9.76	0.00	9.41	<b>0.67</b>	CO 17
	2116	0.000	Min M <sub>z</sub>	-2.81	-0.68	9.77	0.00	0.00	<b>0.00</b>	CO 19
2432	2113	0.000	max N	<b>-0.10</b>	0.00	0.13	0.00	0.00	0.00	CO 8
			min N	<b>-1.27</b>	0.00	0.13	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.88	<b>0.00</b>	0.13	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	-0.24	<b>0.00</b>	0.13	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-1.27	0.00	<b>0.13</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-0.10	0.00	<b>0.13</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	-0.30	0.00	0.13	<b>0.00</b>	0.00	0.00	CO 1
			min M <sub>T</sub>	-0.88	0.00	0.13	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-0.10	0.00	0.13	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-1.27	0.00	0.13	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-0.88	0.00	0.13	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-0.24	0.00	0.13	0.00	0.00	<b>0.00</b>	CO 9
	2114	1.318	max N	<b>-0.10</b>	0.00	-0.13	0.00	0.00	0.00	CO 8
			min N	<b>-1.27</b>	0.00	-0.13	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.10	<b>0.00</b>	-0.13	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-1.02	<b>0.00</b>	-0.13	0.00	0.00	0.00	CO 13
			max V <sub>z</sub>	-1.27	0.00	<b>-0.13</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-0.10	0.00	<b>-0.13</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	-0.30	0.00	-0.13	<b>0.00</b>	0.00	0.00	CO 1

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-0.88	0.00	-0.13	<b>0.00</b>	0.00	0.00	CO 12
			max M <sub>y</sub>	-0.10	0.00	-0.13	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-1.27	0.00	-0.13	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-0.24	0.00	-0.13	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.88	0.00	-0.13	0.00	0.00	<b>0.00</b>	CO 12
	2114	1.318	Max N	<b>-0.10</b>	0.00	-0.13	0.00	0.00	0.00	CO 8
		0.220	Min N	<b>-1.27</b>	0.00	0.09	0.00	0.02	0.00	CO 17
	2113	0.000	Max V <sub>y</sub>	-0.88	<b>0.00</b>	0.13	0.00	0.00	0.00	CO 12
	2114	1.318	Min V <sub>y</sub>	-1.02	<b>0.00</b>	-0.13	0.00	0.00	0.00	CO 13
	2113	0.000	Max V <sub>z</sub>	-1.27	0.00	<b>0.13</b>	0.00	0.00	0.00	CO 17
	2114	1.318	Min V <sub>z</sub>	-0.10	0.00	<b>-0.13</b>	0.00	0.00	0.00	CO 8
	2113	0.000	Max M <sub>T</sub>	-0.30	0.00	0.13	<b>0.00</b>	0.00	0.00	CO 1
	2113	0.000	Min M <sub>T</sub>	-0.88	0.00	0.13	<b>0.00</b>	0.00	0.00	CO 12
		0.659	Max M <sub>y</sub>	-0.10	0.00	0.00	0.00	<b>0.04</b>	0.00	CO 8
	2113	0.000	Min M <sub>y</sub>	-1.27	0.00	0.13	0.00	<b>0.00</b>	0.00	CO 17
	2113	0.000	Max M <sub>z</sub>	-0.88	0.00	0.13	0.00	0.00	<b>0.00</b>	CO 12
	2114	1.318	Min M <sub>z</sub>	-0.88	0.00	-0.13	0.00	0.00	<b>0.00</b>	CO 12
2433	2115	0.000	max N	<b>-0.08</b>	0.00	0.13	0.00	0.00	0.00	CO 8
			min N	<b>-0.70</b>	0.00	0.13	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.51	<b>0.00</b>	0.13	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	-0.13	<b>0.00</b>	0.13	0.00	0.00	0.00	CO 9
			max V <sub>z</sub>	-0.65	0.00	<b>0.13</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	-0.13	0.00	<b>0.13</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.70	0.00	0.13	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.08	0.00	0.13	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-0.08	0.00	0.13	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.70	0.00	0.13	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-0.51	0.00	0.13	0.00	0.00	<b>0.00</b>	CO 12
			min M <sub>z</sub>	-0.38	0.00	0.13	0.00	0.00	<b>0.00</b>	CO 15
	2116	1.318	max N	<b>-0.08</b>	0.00	-0.13	0.00	0.00	0.00	CO 8
			min N	<b>-0.70</b>	0.00	-0.13	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-0.51	<b>0.00</b>	-0.13	0.00	0.00	0.00	CO 12
			min V <sub>y</sub>	-0.38	<b>0.00</b>	-0.13	0.00	0.00	0.00	CO 15
			max V <sub>z</sub>	-0.65	0.00	<b>-0.13</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	-0.13	0.00	<b>-0.13</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-0.70	0.00	-0.13	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-0.08	0.00	-0.13	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-0.08	0.00	-0.13	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-0.70	0.00	-0.13	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-0.13	0.00	-0.13	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-0.51	0.00	-0.13	0.00	0.00	<b>0.00</b>	CO 12

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2115	0.000	Max N	<b>-0.08</b>	0.00	0.13	0.00	0.00	0.00	CO 8
		0.439	Min N	<b>-0.70</b>	0.00	0.04	0.00	0.04	0.00	CO 17
	2115	0.000	Max V <sub>y</sub>	-0.51	<b>0.00</b>	0.13	0.00	0.00	0.00	CO 12
	2115	0.000	Min V <sub>y</sub>	-0.13	<b>0.00</b>	0.13	0.00	0.00	0.00	CO 9
	2115	0.000	Max V <sub>z</sub>	-0.65	0.00	<b>0.13</b>	0.00	0.00	0.00	CO 18
	2116	1.318	Min V <sub>z</sub>	-0.13	0.00	<b>-0.13</b>	0.00	0.00	0.00	CO 9
	2115	0.000	Max M <sub>T</sub>	-0.70	0.00	0.13	<b>0.00</b>	0.00	0.00	CO 17
	2116	1.318	Min M <sub>T</sub>	-0.08	0.00	-0.13	<b>0.00</b>	0.00	0.00	CO 8
		0.659	Max M <sub>y</sub>	-0.08	0.00	0.00	0.00	<b>0.04</b>	0.00	CO 8
	2115	0.000	Min M <sub>y</sub>	-0.70	0.00	0.13	0.00	<b>0.00</b>	0.00	CO 17
	2115	0.000	Max M <sub>z</sub>	-0.51	0.00	0.13	0.00	0.00	<b>0.00</b>	CO 12
	2116	1.318	Min M <sub>z</sub>	-0.51	0.00	-0.13	0.00	0.00	<b>0.00</b>	CO 12
2434	2114	0.000	max N	<b>-3.50</b>	0.00	0.35	0.00	0.00	0.00	CO 8
			min N	<b>-9.77</b>	0.00	2.71	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-9.77	<b>0.00</b>	2.71	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-3.50	<b>0.00</b>	0.35	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-9.77	0.00	<b>2.71</b>	0.00	0.00	0.00	CO 17
			min V <sub>z</sub>	-3.50	0.00	<b>0.35</b>	0.00	0.00	0.00	CO 8
			max M <sub>T</sub>	-3.50	0.00	0.35	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-9.77	0.00	2.71	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-3.50	0.00	0.35	0.00	<b>0.00</b>	0.00	CO 8
			min M <sub>y</sub>	-9.77	0.00	2.71	0.00	<b>0.00</b>	0.00	CO 17
			max M <sub>z</sub>	-9.77	0.00	2.71	0.00	0.00	<b>0.00</b>	CO 19
			min M <sub>z</sub>	-3.50	0.00	0.35	0.00	0.00	<b>0.00</b>	CO 8
	2116	3.600	max N	<b>-3.50</b>	0.00	-0.35	0.00	0.00	0.00	CO 8
			min N	<b>-9.76</b>	0.00	-2.71	0.00	0.00	0.00	CO 17
			max V <sub>y</sub>	-3.51	<b>0.00</b>	-0.35	0.00	0.00	0.00	CO 1
			min V <sub>y</sub>	-9.76	<b>0.00</b>	-2.71	0.00	0.00	0.00	CO 19
			max V <sub>z</sub>	-3.51	0.00	<b>-0.35</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-9.76	0.00	<b>-2.71</b>	0.00	0.00	0.00	CO 17
			max M <sub>T</sub>	-3.50	0.00	-0.35	<b>0.00</b>	0.00	0.00	CO 8
			min M <sub>T</sub>	-9.76	0.00	-2.71	<b>0.00</b>	0.00	0.00	CO 17
			max M <sub>y</sub>	-3.51	0.00	-0.35	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-9.76	0.00	-2.71	0.00	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	-3.51	0.00	-0.35	0.00	0.00	<b>0.00</b>	CO 9
			min M <sub>z</sub>	-9.76	0.00	-2.71	0.00	0.00	<b>0.00</b>	CO 17
	2116	3.600	Max N	<b>-3.50</b>	0.00	-0.35	0.00	0.00	0.00	CO 8
		1.440	Min N	<b>-9.77</b>	0.00	0.54	0.00	2.35	0.00	CO 17
	2114	0.000	Max V <sub>y</sub>	-9.77	<b>0.00</b>	2.71	0.00	0.00	0.00	CO 17
	2116	3.600	Min V <sub>y</sub>	-9.76	<b>0.00</b>	-2.71	0.00	0.00	0.00	CO 19
	2114	0.000	Max V <sub>z</sub>	-9.77	0.00	<b>2.71</b>	0.00	0.00	0.00	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	2116	3.600	Min V <sub>z</sub>	-9.76	0.00	<b>-2.71</b>	0.00	0.00	0.00	CO 17
	2114	0.000	Max M <sub>T</sub>	-3.50	0.00	0.35	<b>0.00</b>	0.00	0.00	CO 8
		1.920	Min M <sub>T</sub>	-8.55	0.00	-0.18	<b>0.00</b>	2.43	0.00	CO 12
		1.800	Max M <sub>y</sub>	-9.77	0.00	0.00	0.00	<b>2.44</b>	0.00	CO 17
	2114	0.000	Min M <sub>y</sub>	-9.77	0.00	2.71	0.00	<b>0.00</b>	0.00	CO 17
	2114	0.000	Max M <sub>z</sub>	-9.77	0.00	2.71	0.00	0.00	<b>0.00</b>	CO 19
		1.680	Min M <sub>z</sub>	-9.77	0.00	0.18	0.00	2.43	<b>0.00</b>	CO 17
2435	2113	0.000	max N	<b>-3.33</b>	0.00	0.35	0.00	0.00	0.00	CO 1
			min N	<b>-9.26</b>	0.00	2.71	0.00	0.00	0.00	CO 18
			max V <sub>y</sub>	-3.34	<b>0.00</b>	0.35	0.00	0.00	0.00	CO 8
			min V <sub>y</sub>	-9.26	<b>0.00</b>	2.71	0.00	0.00	0.00	CO 17
			max V <sub>z</sub>	-9.26	0.00	<b>2.71</b>	0.00	0.00	0.00	CO 18
			min V <sub>z</sub>	-3.33	0.00	<b>0.35</b>	0.00	0.00	0.00	CO 9
			max M <sub>T</sub>	-9.26	0.00	2.71	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-3.34	0.00	0.35	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-3.33	0.00	0.35	0.00	<b>0.00</b>	0.00	CO 9
			min M <sub>y</sub>	-9.26	0.00	2.71	0.00	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	-7.17	0.00	0.35	0.00	0.00	<b>0.00</b>	CO 21
			min M <sub>z</sub>	-8.12	0.00	2.71	0.00	0.00	<b>0.00</b>	CO 12
	2115	3.600	max N	<b>-3.33</b>	0.00	-0.35	0.00	0.00	0.00	CO 1
			min N	<b>-9.26</b>	0.00	-2.71	0.00	0.00	0.00	CO 18
			max V <sub>y</sub>	-9.25	<b>0.00</b>	-2.71	0.00	0.00	0.00	CO 17
			min V <sub>y</sub>	-3.34	<b>0.00</b>	-0.35	0.00	0.00	0.00	CO 8
			max V <sub>z</sub>	-3.33	0.00	<b>-0.35</b>	0.00	0.00	0.00	CO 1
			min V <sub>z</sub>	-9.26	0.00	<b>-2.71</b>	0.00	0.00	0.00	CO 18
			max M <sub>T</sub>	-9.25	0.00	-2.71	<b>0.00</b>	0.00	0.00	CO 17
			min M <sub>T</sub>	-3.34	0.00	-0.35	<b>0.00</b>	0.00	0.00	CO 8
			max M <sub>y</sub>	-3.33	0.00	-0.35	0.00	<b>0.00</b>	0.00	CO 1
			min M <sub>y</sub>	-9.26	0.00	-2.71	0.00	<b>0.00</b>	0.00	CO 18
			max M <sub>z</sub>	-9.26	0.00	-2.71	0.00	0.00	<b>0.00</b>	CO 18
			min M <sub>z</sub>	-3.33	0.00	-0.35	0.00	0.00	<b>0.00</b>	CO 9
	2115	3.600	Max N	<b>-3.33</b>	0.00	-0.35	0.00	0.00	0.00	CO 1
		1.440	Min N	<b>-9.27</b>	0.00	0.54	0.00	2.35	0.00	CO 18
	2115	3.600	Max V <sub>y</sub>	-9.25	<b>0.00</b>	-2.71	0.00	0.00	0.00	CO 17
	2113	0.000	Min V <sub>y</sub>	-9.26	<b>0.00</b>	2.71	0.00	0.00	0.00	CO 17
	2113	0.000	Max V <sub>z</sub>	-9.26	0.00	<b>2.71</b>	0.00	0.00	0.00	CO 18
	2115	3.600	Min V <sub>z</sub>	-9.26	0.00	<b>-2.71</b>	0.00	0.00	0.00	CO 18
	2113	0.000	Max M <sub>T</sub>	-9.26	0.00	2.71	<b>0.00</b>	0.00	0.00	CO 17
		1.680	Min M <sub>T</sub>	-8.12	0.00	0.18	<b>0.00</b>	2.43	0.00	CO 12
		1.800	Max M <sub>y</sub>	-9.27	0.00	0.00	0.00	<b>2.44</b>	0.00	CO 18
	2113	0.000	Min M <sub>y</sub>	-9.26	0.00	2.71	0.00	<b>0.00</b>	0.00	CO 18

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		1.680	Max M <sub>z</sub>	-9.26	0.00	0.18	0.00	2.43	<b>0.00</b>	CO 17
	2113	0.000	Min M <sub>z</sub>	-8.12	0.00	2.71	0.00	0.00	<b>0.00</b>	CO 12
2436	149	0.000	max N	<b>-8.49</b>	-45.85	-18.63	7.10	2.24	-2.22	CO 14
			min N	<b>-27.07</b>	-58.34	-41.58	-3.39	5.39	-7.52	CO 11
			max V <sub>y</sub>	-10.49	<b>-41.59</b>	-18.91	1.35	2.33	-2.83	CO 1
			min V <sub>y</sub>	-26.75	<b>-61.29</b>	-41.58	-3.29	5.42	-7.39	CO 13
			max V <sub>z</sub>	-8.81	-42.90	<b>-18.63</b>	6.99	2.23	-2.35	CO 8
			min V <sub>z</sub>	-26.75	-61.29	<b>-41.58</b>	-3.29	5.42	-7.39	CO 13
			max M <sub>T</sub>	-8.49	-45.85	-18.63	<b>7.10</b>	2.24	-2.22	CO 14
			min M <sub>T</sub>	-27.07	-58.34	-41.58	<b>-3.39</b>	5.39	-7.52	CO 11
			max M <sub>y</sub>	-26.75	-61.29	-41.58	-3.29	<b>5.42</b>	-7.39	CO 13
			min M <sub>y</sub>	-9.02	-46.59	-18.75	4.93	<b>2.00</b>	-2.36	CO 20
			max M <sub>z</sub>	-8.49	-45.85	-18.63	7.10	2.24	<b>-2.22</b>	CO 14
			min M <sub>z</sub>	-27.07	-58.34	-41.58	-3.39	5.39	<b>-7.52</b>	CO 11
	150	5.520	max N	<b>-11.06</b>	38.30	17.00	-1.34	2.37	-2.83	CO 16
			min N	<b>-30.61</b>	25.25	36.86	3.57	5.28	-9.64	CO 11
			max V <sub>y</sub>	-28.08	<b>38.91</b>	37.20	1.30	5.17	-8.45	CO 17
			min V <sub>y</sub>	-11.86	<b>9.37</b>	18.07	-2.76	1.79	-4.43	CO 8
			max V <sub>z</sub>	-28.87	9.98	<b>38.28</b>	-0.19	4.64	-10.05	CO 10
			min V <sub>z</sub>	-13.48	25.56	<b>16.64</b>	1.00	2.50	-3.97	CO 15
			max M <sub>T</sub>	-30.50	26.16	36.84	<b>3.64</b>	5.30	-9.59	CO 13
			min M <sub>T</sub>	-11.86	9.37	18.07	<b>-2.76</b>	1.79	-4.43	CO 8
			max M <sub>y</sub>	-30.50	26.16	36.84	3.64	<b>5.30</b>	-9.59	CO 13
			min M <sub>y</sub>	-11.86	9.37	18.07	-2.76	<b>1.79</b>	-4.43	CO 8
			max M <sub>z</sub>	-11.06	38.30	17.00	-1.34	2.37	<b>-2.83</b>	CO 16
			min M <sub>z</sub>	-28.87	9.98	38.28	-0.19	4.64	<b>-10.05</b>	CO 10
		2.760	Max N	<b>36.20</b>	-0.02	0.62	-0.74	-22.82	24.62	CO 8
	150	5.520	Min N	<b>-30.61</b>	25.25	36.86	3.57	5.28	-9.64	CO 11
		4.767	Max V <sub>y</sub>	-15.72	<b>51.09</b>	27.93	-2.29	-23.17	15.85	CO 10
	149	0.000	Min V <sub>y</sub>	-26.75	<b>-61.29</b>	-41.58	-3.29	5.42	-7.39	CO 13
	150	5.520	Max V <sub>z</sub>	-28.87	9.98	<b>38.28</b>	-0.19	4.64	-10.05	CO 10
	149	0.000	Min V <sub>z</sub>	-26.75	-61.29	<b>-41.58</b>	-3.29	5.42	-7.39	CO 13
	149	0.000	Max M <sub>T</sub>	-8.49	-45.85	-18.63	<b>7.10</b>	2.24	-2.22	CO 14
		0.251	Min M <sub>T</sub>	-25.22	-51.11	-35.29	<b>-3.62</b>	-4.46	1.23	CO 13
	149	0.000	Max M <sub>y</sub>	-26.75	-61.29	-41.58	-3.29	<b>5.42</b>	-7.39	CO 13
		2.760	Min M <sub>y</sub>	7.14	0.14	0.31	-0.29	<b>-56.37</b>	54.66	CO 12
		2.760	Max M <sub>z</sub>	7.14	0.14	0.31	-0.29	-56.37	<b>54.66</b>	CO 12
	150	5.520	Min M <sub>z</sub>	-28.87	9.98	38.28	-0.19	4.64	<b>-10.05</b>	CO 10
2437	9	0.000	max N	<b>-6.15</b>	-43.62	-19.75	8.57	1.95	-1.54	CO 14
			min N	<b>-29.75</b>	-58.46	-40.14	-6.09	5.91	-7.85	CO 11
			max V <sub>y</sub>	-6.43	<b>-41.12</b>	-19.73	8.48	1.94	-1.67	CO 8



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>y</sub>	-29.49	<b>-60.95</b>	-40.15	-6.02	5.93	-7.73	CO 13
			max V <sub>z</sub>	-13.48	-46.21	<b>-18.42</b>	-3.11	2.97	-3.23	CO 9
			min V <sub>z</sub>	-22.40	-55.87	<b>-41.48</b>	5.76	4.35	-6.15	CO 12
			max M <sub>T</sub>	-6.15	-43.62	-19.75	<b>8.57</b>	1.95	-1.54	CO 14
			min M <sub>T</sub>	-29.75	-58.46	-40.14	<b>-6.09</b>	5.91	-7.85	CO 11
			max M <sub>y</sub>	-29.49	-60.95	-40.15	-6.02	<b>5.93</b>	-7.73	CO 13
			min M <sub>y</sub>	-7.95	-44.81	-19.25	5.51	<b>1.80</b>	-1.95	CO 20
			max M <sub>z</sub>	-6.15	-43.62	-19.75	8.57	1.95	<b>-1.54</b>	CO 14
			min M <sub>z</sub>	-29.75	-58.46	-40.14	-6.09	5.91	<b>-7.85</b>	CO 11
	10	5.520	max N	<b>-6.27</b>	42.74	19.26	-9.37	1.95	-1.58	CO 14
			min N	<b>-30.57</b>	48.85	40.23	6.83	5.85	-8.37	CO 11
			max V <sub>y</sub>	-27.04	<b>57.83</b>	40.31	1.81	5.41	-7.24	CO 17
			min V <sub>y</sub>	-14.32	<b>36.43</b>	18.45	3.83	2.90	-3.76	CO 9
			max V <sub>z</sub>	-22.50	55.16	<b>41.04</b>	-6.43	4.19	-6.18	CO 12
			min V <sub>z</sub>	-14.32	36.43	<b>18.45</b>	3.83	2.90	-3.76	CO 9
			max M <sub>T</sub>	-30.57	48.85	40.23	<b>6.83</b>	5.85	-8.37	CO 11
			min M <sub>T</sub>	-6.27	42.74	19.26	<b>-9.37</b>	1.95	-1.58	CO 14
			max M <sub>y</sub>	-30.29	51.57	40.24	6.74	<b>5.87</b>	-8.24	CO 13
			min M <sub>y</sub>	-8.00	44.51	18.98	-5.88	<b>1.89</b>	-1.97	CO 20
			max M <sub>z</sub>	-6.27	42.74	19.26	-9.37	1.95	<b>-1.58</b>	CO 14
			min M <sub>z</sub>	-30.57	48.85	40.23	6.83	5.85	<b>-8.37</b>	CO 11
		2.760	Max N	<b>39.38</b>	0.06	-0.33	0.43	-23.20	25.09	CO 14
	10	5.520	Min N	<b>-30.57</b>	48.85	40.23	6.83	5.85	-8.37	CO 11
	10	5.520	Max V <sub>y</sub>	-27.04	<b>57.83</b>	40.31	1.81	5.41	-7.24	CO 17
	9	0.000	Min V <sub>y</sub>	-29.49	<b>-60.95</b>	-40.15	-6.02	5.93	-7.73	CO 13
	10	5.520	Max V <sub>z</sub>	-22.50	55.16	<b>41.04</b>	-6.43	4.19	-6.18	CO 12
	9	0.000	Min V <sub>z</sub>	-22.40	-55.87	<b>-41.48</b>	5.76	4.35	-6.15	CO 12
	9	0.000	Max M <sub>T</sub>	-6.15	-43.62	-19.75	<b>8.57</b>	1.95	-1.54	CO 14
	10	5.520	Min M <sub>T</sub>	-6.27	42.74	19.26	<b>-9.37</b>	1.95	-1.58	CO 14
	9	0.000	Max M <sub>y</sub>	-29.49	-60.95	-40.15	-6.02	<b>5.93</b>	-7.73	CO 13
		2.760	Min M <sub>y</sub>	10.01	0.06	-0.32	0.41	<b>-56.73</b>	55.10	CO 12
		2.760	Max M <sub>z</sub>	10.01	0.06	-0.32	0.41	-56.73	<b>55.10</b>	CO 12
	10	5.520	Min M <sub>z</sub>	-30.57	48.85	40.23	6.83	5.85	<b>-8.37</b>	CO 11
2438	97	0.000	max N	<b>-5.59</b>	-43.99	-19.94	10.13	1.81	-1.39	CO 14
			min N	<b>-30.09</b>	-58.22	-40.56	-5.98	5.99	-7.96	CO 11
			max V <sub>y</sub>	-11.20	<b>-41.43</b>	-18.49	1.03	2.44	-2.82	CO 1
			min V <sub>y</sub>	-29.85	<b>-60.71</b>	-40.55	-5.92	6.01	-7.85	CO 13
			max V <sub>z</sub>	-10.85	-44.99	<b>-18.48</b>	1.12	2.48	-2.66	CO 16
			min V <sub>z</sub>	-21.87	-56.25	<b>-41.70</b>	7.05	4.15	-6.01	CO 12
			max M <sub>T</sub>	-5.59	-43.99	-19.94	<b>10.13</b>	1.81	-1.39	CO 14
			min M <sub>T</sub>	-30.09	-58.22	-40.56	<b>-5.98</b>	5.99	-7.96	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>y</sub>	-29.85	-60.71	-40.55	-5.92	<b>6.01</b>	-7.85	CO 13
			min M <sub>y</sub>	-5.85	-41.49	-19.94	10.04	<b>1.78</b>	-1.51	CO 8
			max M <sub>z</sub>	-5.59	-43.99	-19.94	10.13	1.81	<b>-1.39</b>	CO 14
			min M <sub>z</sub>	-30.09	-58.22	-40.56	-5.98	5.99	<b>-7.96</b>	CO 11
	98	5.520	max N	<b>-6.12</b>	37.22	19.69	-10.06	1.76	-1.86	CO 14
			min N	<b>-32.16</b>	32.26	39.95	7.29	5.77	-9.69	CO 11
			max V <sub>y</sub>	-26.97	<b>59.40</b>	40.28	1.83	5.43	-7.14	CO 17
			min V <sub>y</sub>	-15.87	<b>19.82</b>	18.19	4.27	2.83	-5.07	CO 9
			max V <sub>z</sub>	-22.38	49.67	<b>41.46</b>	-6.92	4.02	-6.47	CO 12
			min V <sub>z</sub>	-15.87	19.82	<b>18.19</b>	4.27	2.83	-5.07	CO 9
			max M <sub>T</sub>	-32.16	32.26	39.95	<b>7.29</b>	5.77	-9.69	CO 11
			min M <sub>T</sub>	-6.12	37.22	19.69	<b>-10.06</b>	1.76	-1.86	CO 14
			max M <sub>y</sub>	-31.89	35.01	39.96	7.25	<b>5.80</b>	-9.56	CO 13
			min M <sub>y</sub>	-6.40	34.46	19.67	-9.98	<b>1.73</b>	-2.00	CO 8
			max M <sub>z</sub>	-6.12	37.22	19.69	-10.06	1.76	<b>-1.86</b>	CO 14
			min M <sub>z</sub>	-32.16	32.26	39.95	7.29	5.77	<b>-9.69</b>	CO 11
		2.760	Max N	<b>40.00</b>	0.05	-0.16	0.21	-23.27	25.17	CO 14
	98	5.520	Min N	<b>-32.16</b>	32.26	39.95	7.29	5.77	-9.69	CO 11
	98	5.520	Max V <sub>y</sub>	-26.97	<b>59.40</b>	40.28	1.83	5.43	-7.14	CO 17
	97	0.000	Min V <sub>y</sub>	-29.85	<b>-60.71</b>	-40.55	-5.92	6.01	-7.85	CO 13
	98	5.520	Max V <sub>z</sub>	-22.38	49.67	<b>41.46</b>	-6.92	4.02	-6.47	CO 12
	97	0.000	Min V <sub>z</sub>	-21.87	-56.25	<b>-41.70</b>	7.05	4.15	-6.01	CO 12
	97	0.000	Max M <sub>T</sub>	-5.59	-43.99	-19.94	<b>10.13</b>	1.81	-1.39	CO 14
	98	5.520	Min M <sub>T</sub>	-6.12	37.22	19.69	<b>-10.06</b>	1.76	-1.86	CO 14
	97	0.000	Max M <sub>y</sub>	-29.85	-60.71	-40.55	-5.92	<b>6.01</b>	-7.85	CO 13
		2.760	Min M <sub>y</sub>	10.58	0.04	-0.16	0.21	<b>-56.80</b>	55.17	CO 12
		2.760	Max M <sub>z</sub>	10.58	0.04	-0.16	0.21	-56.80	<b>55.17</b>	CO 12
	98	5.520	Min M <sub>z</sub>	-32.16	32.26	39.95	7.29	5.77	<b>-9.69</b>	CO 11
2439	129	0.000	max N	<b>-10.80</b>	-64.10	-17.04	0.14	2.79	-1.73	CO 15
			min N	<b>-28.47</b>	-37.42	-37.77	-1.71	5.10	-8.70	CO 2
			max V <sub>y</sub>	-11.07	<b>-12.34</b>	-18.54	2.96	1.69	-4.09	CO 8
			min V <sub>y</sub>	-27.80	<b>-64.99</b>	-37.52	-2.77	5.59	-7.35	CO 13
			max V <sub>z</sub>	-10.80	-64.10	<b>-17.04</b>	0.14	2.79	-1.73	CO 15
			min V <sub>z</sub>	-28.06	-13.22	<b>-39.03</b>	0.16	4.56	-9.72	CO 10
			max M <sub>T</sub>	-11.07	-12.34	-18.54	<b>2.96</b>	1.69	-4.09	CO 8
			min M <sub>T</sub>	-27.80	-64.99	-37.52	<b>-2.77</b>	5.59	-7.35	CO 13
			max M <sub>y</sub>	-27.80	-64.99	-37.52	-2.77	<b>5.59</b>	-7.35	CO 13
			min M <sub>y</sub>	-11.07	-12.34	-18.54	2.96	<b>1.69</b>	-4.09	CO 8
			max M <sub>z</sub>	-10.80	-64.10	-17.04	0.14	2.79	<b>-1.73</b>	CO 15
			min M <sub>z</sub>	-28.06	-13.22	-39.03	0.16	4.56	<b>-9.72</b>	CO 10
	130	5.520	max N	<b>-8.66</b>	42.90	18.55	-7.22	2.12	-2.16	CO 14

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-29.10</b>	48.73	41.43	5.70	5.68	-8.04	CO 11
			max V <sub>y</sub>	-26.81	<b>57.98</b>	41.15	1.04	5.43	-7.21	CO 17
			min V <sub>y</sub>	-12.89	<b>36.22</b>	19.18	3.12	2.69	-3.43	CO 9
			max V <sub>z</sub>	-28.85	51.45	<b>41.43</b>	5.62	5.70	-7.91	CO 13
			min V <sub>z</sub>	-8.92	40.18	<b>18.54</b>	-7.11	2.11	-2.29	CO 8
			max M <sub>T</sub>	-29.10	48.73	41.43	<b>5.70</b>	5.68	-8.04	CO 11
			min M <sub>T</sub>	-8.66	42.90	18.55	<b>-7.22</b>	2.12	-2.16	CO 14
			max M <sub>y</sub>	-28.85	51.45	41.43	5.62	<b>5.70</b>	-7.91	CO 13
			min M <sub>y</sub>	-9.37	44.62	18.69	-5.03	<b>1.97</b>	-2.30	CO 20
			max M <sub>z</sub>	-8.66	42.90	18.55	-7.22	2.12	<b>-2.16</b>	CO 14
			min M <sub>z</sub>	-29.10	48.73	41.43	5.70	5.68	<b>-8.04</b>	CO 11
		2.760	Max N	<b>36.68</b>	0.08	-0.64	0.76	-22.87	24.69	CO 8
	130	5.520	Min N	<b>-29.10</b>	48.73	41.43	5.70	5.68	-8.04	CO 11
	130	5.520	Max V <sub>y</sub>	-26.81	<b>57.98</b>	41.15	1.04	5.43	-7.21	CO 17
	129	0.000	Min V <sub>y</sub>	-27.80	<b>-64.99</b>	-37.52	-2.77	5.59	-7.35	CO 13
	130	5.520	Max V <sub>z</sub>	-28.85	51.45	<b>41.43</b>	5.62	5.70	-7.91	CO 13
	129	0.000	Min V <sub>z</sub>	-28.06	-13.22	<b>-39.03</b>	0.16	4.56	-9.72	CO 10
	130	5.520	Max M <sub>T</sub>	-29.10	48.73	41.43	<b>5.70</b>	5.68	-8.04	CO 11
	130	5.520	Min M <sub>T</sub>	-8.66	42.90	18.55	<b>-7.22</b>	2.12	-2.16	CO 14
	130	5.520	Max M <sub>y</sub>	-28.85	51.45	41.43	5.62	<b>5.70</b>	-7.91	CO 13
		2.760	Min M <sub>y</sub>	7.30	0.01	-0.30	0.28	<b>-56.39</b>	54.68	CO 10
		2.760	Max M <sub>z</sub>	7.30	0.01	-0.30	0.28	-56.39	<b>54.68</b>	CO 10
	129	0.000	Min M <sub>z</sub>	-28.06	-13.22	-39.03	0.16	4.56	<b>-9.72</b>	CO 10
2440	133	0.000	max N	<b>-4.90</b>	-47.90	-19.94	11.00	1.73	-0.94	CO 14
			min N	<b>-28.78</b>	-66.87	-40.47	-4.51	5.86	-6.88	CO 11
			max V <sub>y</sub>	-11.33	<b>-40.84</b>	-18.50	0.97	2.46	-2.91	CO 1
			min V <sub>y</sub>	-28.57	<b>-69.32</b>	-40.47	-4.50	5.89	-6.77	CO 13
			max V <sub>z</sub>	-11.01	-44.28	<b>-18.50</b>	0.98	2.50	-2.76	CO 16
			min V <sub>z</sub>	-21.18	-60.12	<b>-41.70</b>	7.83	4.02	-5.56	CO 12
			max M <sub>T</sub>	-4.90	-47.90	-19.94	<b>11.00</b>	1.73	-0.94	CO 14
			min M <sub>T</sub>	-28.78	-66.87	-40.47	<b>-4.51</b>	5.86	-6.88	CO 11
			max M <sub>y</sub>	-28.57	-69.32	-40.47	-4.50	<b>5.89</b>	-6.77	CO 13
			min M <sub>y</sub>	-5.14	-45.45	-19.92	10.96	<b>1.71</b>	-1.05	CO 8
			max M <sub>z</sub>	-4.90	-47.90	-19.94	11.00	1.73	<b>-0.94</b>	CO 14
			min M <sub>z</sub>	-27.63	-53.04	-40.26	-2.08	5.39	<b>-7.54</b>	CO 2
	134	5.520	max N	<b>-5.39</b>	39.75	19.90	-10.44	1.68	-1.61	CO 14
			min N	<b>-30.57</b>	37.77	40.01	6.30	5.67	-9.28	CO 11
			max V <sub>y</sub>	-27.31	<b>56.62</b>	40.26	2.07	5.43	-7.38	CO 17
			min V <sub>y</sub>	-14.26	<b>25.58</b>	18.24	3.25	2.73	-4.64	CO 9
			max V <sub>z</sub>	-21.68	51.95	<b>41.67</b>	-7.26	3.97	-6.24	CO 12
			min V <sub>z</sub>	-14.05	28.02	<b>18.24</b>	3.24	2.76	-4.54	CO 15

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-30.57	37.77	40.01	<b>6.30</b>	5.67	-9.28	CO 11
			min M <sub>T</sub>	-5.39	39.75	19.90	<b>-10.44</b>	1.68	-1.61	CO 14
			max M <sub>y</sub>	-30.36	40.21	40.01	6.30	<b>5.70</b>	-9.17	CO 13
			min M <sub>y</sub>	-5.64	37.29	19.89	-10.40	<b>1.65</b>	-1.73	CO 8
			max M <sub>z</sub>	-5.39	39.75	19.90	-10.44	1.68	<b>-1.61</b>	CO 14
			min M <sub>z</sub>	-30.57	37.77	40.01	6.30	5.67	<b>-9.28</b>	CO 11
		2.760	Max N	<b>40.54</b>	0.02	0.00	0.01	-23.34	25.25	CO 8
	134	5.520	Min N	<b>-30.57</b>	37.77	40.01	6.30	5.67	-9.28	CO 11
	134	5.520	Max V <sub>y</sub>	-27.31	<b>56.62</b>	40.26	2.07	5.43	-7.38	CO 17
	133	0.000	Min V <sub>y</sub>	-28.57	<b>-69.32</b>	-40.47	-4.50	5.89	-6.77	CO 13
	134	5.520	Max V <sub>z</sub>	-21.68	51.95	<b>41.67</b>	-7.26	3.97	-6.24	CO 12
	133	0.000	Min V <sub>z</sub>	-21.18	-60.12	<b>-41.70</b>	7.83	4.02	-5.56	CO 12
	133	0.000	Max M <sub>T</sub>	-4.90	-47.90	-19.94	<b>11.00</b>	1.73	-0.94	CO 14
	134	5.520	Min M <sub>T</sub>	-5.39	39.75	19.90	<b>-10.44</b>	1.68	-1.61	CO 14
	133	0.000	Max M <sub>y</sub>	-28.57	-69.32	-40.47	-4.50	<b>5.89</b>	-6.77	CO 13
		2.760	Min M <sub>y</sub>	11.11	0.02	0.00	0.01	<b>-56.86</b>	55.25	CO 12
		2.760	Max M <sub>z</sub>	11.13	0.02	0.00	0.01	-56.86	<b>55.25</b>	CO 10
	134	5.520	Min M <sub>z</sub>	-30.57	37.77	40.01	6.30	5.67	<b>-9.28</b>	CO 11
2441	137	0.000	max N	<b>-4.55</b>	-50.35	-19.89	11.16	1.74	-0.81	CO 14
			min N	<b>-27.37</b>	-55.33	-40.26	-1.90	5.39	-7.34	CO 2
			max V <sub>y</sub>	-11.09	<b>-42.88</b>	-18.50	1.12	2.46	-2.73	CO 1
			min V <sub>y</sub>	-26.53	<b>-81.08</b>	-40.27	-3.21	5.82	-5.88	CO 13
			max V <sub>z</sub>	-10.52	-65.83	<b>-18.49</b>	-0.23	2.85	-1.40	CO 9
			min V <sub>z</sub>	-20.81	-62.83	<b>-41.65</b>	8.01	4.02	-5.42	CO 12
			max M <sub>T</sub>	-4.55	-50.35	-19.89	<b>11.16</b>	1.74	-0.81	CO 14
			min M <sub>T</sub>	-26.80	-78.31	-40.25	<b>-3.25</b>	5.79	-6.01	CO 11
			max M <sub>y</sub>	-26.53	-81.08	-40.27	-3.21	<b>5.82</b>	-5.88	CO 13
			min M <sub>y</sub>	-4.84	-47.61	-19.86	11.08	<b>1.72</b>	-0.94	CO 8
			max M <sub>z</sub>	-4.55	-50.35	-19.89	11.16	1.74	<b>-0.81</b>	CO 14
			min M <sub>z</sub>	-27.37	-55.33	-40.26	-1.90	5.39	<b>-7.34</b>	CO 2
	138	5.520	max N	<b>-5.25</b>	41.54	19.90	-10.48	1.67	-1.38	CO 14
			min N	<b>-29.12</b>	48.68	40.10	5.24	5.58	-8.00	CO 11
			max V <sub>y</sub>	-27.15	<b>57.28</b>	40.24	1.91	5.41	-7.28	CO 17
			min V <sub>y</sub>	-12.82	<b>36.42</b>	18.35	2.21	2.64	-3.38	CO 9
			max V <sub>z</sub>	-21.53	53.79	<b>41.66</b>	-7.34	3.97	-6.00	CO 12
			min V <sub>z</sub>	-12.57	38.93	<b>18.34</b>	2.15	2.66	-3.26	CO 15
			max M <sub>T</sub>	-29.12	48.68	40.10	<b>5.24</b>	5.58	-8.00	CO 11
			min M <sub>T</sub>	-5.25	41.54	19.90	<b>-10.48</b>	1.67	-1.38	CO 14
			max M <sub>y</sub>	-28.88	51.18	40.10	5.18	<b>5.60</b>	-7.89	CO 13
			min M <sub>y</sub>	-5.52	39.03	19.89	-10.39	<b>1.65</b>	-1.50	CO 8
			max M <sub>z</sub>	-5.25	41.54	19.90	-10.48	1.67	<b>-1.38</b>	CO 14

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-29.12	48.68	40.10	5.24	5.58	<b>-8.00</b>	CO 11
		2.760	Max N	<b>40.63</b>	0.02	0.03	-0.03	-23.35	25.27	CO 14
	138	5.520	Min N	<b>-29.12</b>	48.68	40.10	5.24	5.58	-8.00	CO 11
	138	5.520	Max V <sub>y</sub>	-27.15	<b>57.28</b>	40.24	1.91	5.41	-7.28	CO 17
	137	0.000	Min V <sub>y</sub>	-26.53	<b>-81.08</b>	-40.27	-3.21	5.82	-5.88	CO 13
	138	5.520	Max V <sub>z</sub>	-21.53	53.79	<b>41.66</b>	-7.34	3.97	-6.00	CO 12
	137	0.000	Min V <sub>z</sub>	-20.81	-62.83	<b>-41.65</b>	8.01	4.02	-5.42	CO 12
	137	0.000	Max M <sub>T</sub>	-4.55	-50.35	-19.89	<b>11.16</b>	1.74	-0.81	CO 14
	138	5.520	Min M <sub>T</sub>	-5.25	41.54	19.90	<b>-10.48</b>	1.67	-1.38	CO 14
	137	0.000	Max M <sub>y</sub>	-26.53	-81.08	-40.27	-3.21	<b>5.82</b>	-5.88	CO 13
		2.760	Min M <sub>y</sub>	11.22	0.02	0.03	-0.03	<b>-56.87</b>	55.27	CO 12
		2.760	Max M <sub>z</sub>	11.22	0.02	0.03	-0.03	-56.87	<b>55.27</b>	CO 12
	138	5.520	Min M <sub>z</sub>	-29.12	48.68	40.10	5.24	5.58	<b>-8.00</b>	CO 11
2442	141	0.000	max N	<b>-5.42</b>	-45.28	-19.62	10.47	1.82	-1.29	CO 14
			min N	<b>-28.89</b>	-57.85	-40.25	-4.55	5.74	-7.66	CO 11
			max V <sub>y</sub>	-11.23	<b>-41.51</b>	-18.50	1.04	2.45	-2.83	CO 1
			min V <sub>y</sub>	-28.61	<b>-60.55</b>	-40.26	-4.46	5.77	-7.52	CO 13
			max V <sub>z</sub>	-12.61	-45.43	<b>-18.49</b>	-1.54	2.80	-3.04	CO 9
			min V <sub>z</sub>	-21.68	-57.70	<b>-41.39</b>	7.36	4.06	-5.90	CO 12
			max M <sub>T</sub>	-5.42	-45.28	-19.62	<b>10.47</b>	1.82	-1.29	CO 14
			min M <sub>T</sub>	-28.89	-57.85	-40.25	<b>-4.55</b>	5.74	-7.66	CO 11
			max M <sub>y</sub>	-28.61	-60.55	-40.26	-4.46	<b>5.77</b>	-7.52	CO 13
			min M <sub>y</sub>	-5.72	-42.57	-19.60	10.35	<b>1.79</b>	-1.43	CO 8
			max M <sub>z</sub>	-5.42	-45.28	-19.62	10.47	1.82	<b>-1.29</b>	CO 14
			min M <sub>z</sub>	-28.89	-57.85	-40.25	-4.55	5.74	<b>-7.66</b>	CO 11
	142	5.520	max N	<b>-5.74</b>	41.27	19.89	-9.71	1.78	-1.51	CO 14
			min N	<b>-29.70</b>	48.53	40.20	5.20	5.68	-8.16	CO 11
			max V <sub>y</sub>	-27.15	<b>57.26</b>	40.27	1.89	5.41	-7.28	CO 17
			min V <sub>y</sub>	-13.40	<b>36.29</b>	18.44	2.17	2.74	-3.53	CO 9
			max V <sub>z</sub>	-22.02	53.50	<b>41.65</b>	-6.66	4.14	-6.13	CO 12
			min V <sub>z</sub>	-13.40	36.29	<b>18.44</b>	2.17	2.74	-3.53	CO 9
			max M <sub>T</sub>	-29.70	48.53	40.20	<b>5.20</b>	5.68	-8.16	CO 11
			min M <sub>T</sub>	-5.74	41.27	19.89	<b>-9.71</b>	1.78	-1.51	CO 14
			max M <sub>y</sub>	-29.43	51.04	40.21	5.12	<b>5.70</b>	-8.04	CO 13
			min M <sub>y</sub>	-6.03	38.77	19.87	-9.61	<b>1.75</b>	-1.64	CO 8
			max M <sub>z</sub>	-5.74	41.27	19.89	-9.71	1.78	<b>-1.51</b>	CO 14
			min M <sub>z</sub>	-29.70	48.53	40.20	5.20	5.68	<b>-8.16</b>	CO 11
		2.760	Max N	<b>40.09</b>	-0.03	0.20	-0.25	-23.29	25.19	CO 14
	142	5.520	Min N	<b>-29.70</b>	48.53	40.20	5.20	5.68	-8.16	CO 11
	142	5.520	Max V <sub>y</sub>	-27.15	<b>57.26</b>	40.27	1.89	5.41	-7.28	CO 17
	141	0.000	Min V <sub>y</sub>	-28.61	<b>-60.55</b>	-40.26	-4.46	5.77	-7.52	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	142	5.520	Max V <sub>z</sub>	-22.02	53.50	<b>41.65</b>	-6.66	4.14	-6.13	CO 12
	141	0.000	Min V <sub>z</sub>	-21.68	-57.70	<b>-41.39</b>	7.36	4.06	-5.90	CO 12
	141	0.000	Max M <sub>T</sub>	-5.42	-45.28	-19.62	<b>10.47</b>	1.82	-1.29	CO 14
	142	5.520	Min M <sub>T</sub>	-5.74	41.27	19.89	<b>-9.71</b>	1.78	-1.51	CO 14
	141	0.000	Max M <sub>y</sub>	-28.61	-60.55	-40.26	-4.46	<b>5.77</b>	-7.52	CO 13
		2.760	Min M <sub>y</sub>	10.69	-0.03	0.20	-0.25	<b>-56.81</b>	55.19	CO 12
		2.760	Max M <sub>z</sub>	10.69	-0.03	0.20	-0.25	-56.81	<b>55.19</b>	CO 12
	142	5.520	Min M <sub>z</sub>	-29.70	48.53	40.20	5.20	5.68	<b>-8.16</b>	CO 11
2443	145	0.000	max N	<b>-6.17</b>	-45.43	-19.20	9.26	1.99	-1.47	CO 14
			min N	<b>-28.77</b>	-58.03	-40.29	-4.48	5.73	-7.62	CO 11
			max V <sub>y</sub>	-11.19	<b>-41.52</b>	-18.51	1.05	2.45	-2.82	CO 1
			min V <sub>y</sub>	-28.49	<b>-60.73</b>	-40.30	-4.39	5.75	-7.49	CO 13
			max V <sub>z</sub>	-11.19	-41.52	<b>-18.51</b>	1.05	2.45	-2.82	CO 1
			min V <sub>z</sub>	-22.40	-57.88	<b>-40.98</b>	6.38	4.24	-6.07	CO 12
			max M <sub>T</sub>	-6.17	-45.43	-19.20	<b>9.26</b>	1.99	-1.47	CO 14
			min M <sub>T</sub>	-28.77	-58.03	-40.29	<b>-4.48</b>	5.73	-7.62	CO 11
			max M <sub>y</sub>	-28.49	-60.73	-40.30	-4.39	<b>5.75</b>	-7.49	CO 13
			min M <sub>y</sub>	-7.94	-46.11	-18.94	5.85	<b>1.88</b>	-1.90	CO 20
			max M <sub>z</sub>	-6.17	-45.43	-19.20	9.26	1.99	<b>-1.47</b>	CO 14
			min M <sub>z</sub>	-28.77	-58.03	-40.29	-4.48	5.73	<b>-7.62</b>	CO 11
	146	5.520	max N	<b>-6.45</b>	41.55	19.69	-8.15	1.92	-1.69	CO 14
			min N	<b>-29.55</b>	48.97	40.12	5.04	5.65	-8.10	CO 11
			max V <sub>y</sub>	-26.98	<b>58.24</b>	40.22	1.76	5.40	-7.21	CO 17
			min V <sub>y</sub>	-13.31	<b>36.50</b>	18.39	2.06	2.72	-3.50	CO 9
			max V <sub>z</sub>	-22.67	54.02	<b>41.42</b>	-5.40	4.37	-6.29	CO 12
			min V <sub>z</sub>	-13.31	36.50	<b>18.39</b>	2.06	2.72	-3.50	CO 9
			max M <sub>T</sub>	-29.55	48.97	40.12	<b>5.04</b>	5.65	-8.10	CO 11
			min M <sub>T</sub>	-6.45	41.55	19.69	<b>-8.15</b>	1.92	-1.69	CO 14
			max M <sub>y</sub>	-29.26	51.75	40.13	4.95	<b>5.68</b>	-7.97	CO 13
			min M <sub>y</sub>	-8.08	43.95	19.22	-5.35	<b>1.79</b>	-2.02	CO 20
			max M <sub>z</sub>	-6.45	41.55	19.69	-8.15	1.92	<b>-1.69</b>	CO 14
			min M <sub>z</sub>	-29.55	48.97	40.12	5.04	5.65	<b>-8.10</b>	CO 11
		2.760	Max N	<b>39.23</b>	-0.05	0.33	-0.42	-23.19	25.07	CO 14
	146	5.520	Min N	<b>-29.55</b>	48.97	40.12	5.04	5.65	-8.10	CO 11
	146	5.520	Max V <sub>y</sub>	-26.98	<b>58.24</b>	40.22	1.76	5.40	-7.21	CO 17
	145	0.000	Min V <sub>y</sub>	-28.49	<b>-60.73</b>	-40.30	-4.39	5.75	-7.49	CO 13
	146	5.520	Max V <sub>z</sub>	-22.67	54.02	<b>41.42</b>	-5.40	4.37	-6.29	CO 12
	145	0.000	Min V <sub>z</sub>	-22.40	-57.88	<b>-40.98</b>	6.38	4.24	-6.07	CO 12
	145	0.000	Max M <sub>T</sub>	-6.17	-45.43	-19.20	<b>9.26</b>	1.99	-1.47	CO 14
	146	5.520	Min M <sub>T</sub>	-6.45	41.55	19.69	<b>-8.15</b>	1.92	-1.69	CO 14
	145	0.000	Max M <sub>y</sub>	-28.49	-60.73	-40.30	-4.39	<b>5.75</b>	-7.49	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		2.760	Min M <sub>y</sub>	9.86	-0.05	0.32	-0.41	<b>-56.71</b>	55.08	CO 12
		2.760	Max M <sub>z</sub>	9.86	-0.05	0.32	-0.41	-56.71	<b>55.08</b>	CO 12
	146	5.520	Min M <sub>z</sub>	-29.55	48.97	40.12	5.04	5.65	<b>-8.10</b>	CO 11
2444	99	0.000	max N	<b>-8.96</b>	-68.05	-15.85	1.68	2.58	-0.95	CO 8
			min N	<b>-27.67</b>	-18.19	-34.52	-4.07	4.62	-8.82	CO 13
			max V <sub>y</sub>	-27.67	<b>-18.19</b>	-34.52	-4.07	4.62	-8.82	CO 13
			min V <sub>y</sub>	-8.96	<b>-68.05</b>	-15.85	1.68	2.58	-0.95	CO 8
			max V <sub>z</sub>	-12.37	-19.28	<b>-15.56</b>	-1.21	2.17	-3.83	CO 15
			min V <sub>z</sub>	-25.33	-32.06	<b>-34.98</b>	-1.76	4.48	-7.62	CO 2
			max M <sub>T</sub>	-8.96	-68.05	-15.85	<b>1.68</b>	2.58	-0.95	CO 8
			min M <sub>T</sub>	-27.67	-18.19	-34.52	<b>-4.07</b>	4.62	-8.82	CO 13
			max M <sub>y</sub>	-24.27	-66.68	-34.77	-1.26	<b>5.03</b>	-5.97	CO 12
			min M <sub>y</sub>	-10.04	-33.14	-16.01	1.10	<b>2.03</b>	-2.63	CO 1
			max M <sub>z</sub>	-8.96	-68.05	-15.85	1.68	2.58	<b>-0.95</b>	CO 8
			min M <sub>z</sub>	-27.67	-18.19	-34.52	-4.07	4.62	<b>-8.82</b>	CO 13
	100	5.290	max N	<b>-8.87</b>	45.30	17.70	-1.71	2.22	-1.96	CO 16
			min N	<b>-28.83</b>	9.88	38.71	6.94	4.84	-9.34	CO 10
			max V <sub>y</sub>	-24.06	<b>57.65</b>	38.41	1.77	5.00	-6.04	CO 19
			min V <sub>y</sub>	-14.39	<b>-2.16</b>	18.00	4.54	2.20	-5.41	CO 8
			max V <sub>z</sub>	-28.83	9.88	<b>38.71</b>	6.94	4.84	-9.34	CO 10
			min V <sub>z</sub>	-8.87	45.30	<b>17.70</b>	-1.71	2.22	-1.96	CO 16
			max M <sub>T</sub>	-28.83	9.88	38.71	<b>6.94</b>	4.84	-9.34	CO 10
			min M <sub>T</sub>	-8.87	45.30	17.70	<b>-1.71</b>	2.22	-1.96	CO 16
			max M <sub>y</sub>	-24.70	56.46	38.41	2.56	<b>5.08</b>	-6.21	CO 13
			min M <sub>y</sub>	-9.31	40.84	17.70	-1.49	<b>2.18</b>	-2.17	CO 1
			max M <sub>z</sub>	-8.87	45.30	17.70	-1.71	2.22	<b>-1.96</b>	CO 16
			min M <sub>z</sub>	-28.83	9.88	38.71	6.94	4.84	<b>-9.34</b>	CO 10
		2.771	Max N	<b>33.27</b>	1.56	1.11	-0.54	-20.28	21.09	CO 1
	100	5.290	Min N	<b>-28.83</b>	9.88	38.71	6.94	4.84	-9.34	CO 10
	100	5.290	Max V <sub>y</sub>	-24.06	<b>57.65</b>	38.41	1.77	5.00	-6.04	CO 19
	99	0.000	Min V <sub>y</sub>	-8.96	<b>-68.05</b>	-15.85	1.68	2.58	-0.95	CO 8
	100	5.290	Max V <sub>z</sub>	-28.83	9.88	<b>38.71</b>	6.94	4.84	-9.34	CO 10
	99	0.000	Min V <sub>z</sub>	-25.33	-32.06	<b>-34.98</b>	-1.76	4.48	-7.62	CO 2
	100	5.290	Max M <sub>T</sub>	-28.83	9.88	38.71	<b>6.94</b>	4.84	-9.34	CO 10
	99	0.000	Min M <sub>T</sub>	-27.67	-18.19	-34.52	<b>-4.07</b>	4.62	-8.82	CO 13
	100	5.290	Max M <sub>y</sub>	-24.70	56.46	38.41	2.56	<b>5.08</b>	-6.21	CO 13
		2.771	Min M <sub>y</sub>	9.58	2.56	2.43	-0.99	<b>-50.41</b>	47.41	CO 2
		2.771	Max M <sub>z</sub>	9.56	2.53	2.44	-1.01	-50.41	<b>47.41</b>	CO 17
	100	5.290	Min M <sub>z</sub>	-28.83	9.88	38.71	6.94	4.84	<b>-9.34</b>	CO 10
2445	103	0.000	max N	<b>-9.27</b>	-41.87	-17.21	1.12	2.19	-2.23	CO 16
			min N	<b>-25.14</b>	-49.53	-37.16	-3.87	4.93	-6.57	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>y</sub>	-10.86	<b>-37.76</b>	-16.98	-1.08	2.37	-2.69	CO 9
			min V <sub>y</sub>	-24.45	<b>-77.73</b>	-37.13	-3.43	5.27	-4.64	CO 12
			max V <sub>z</sub>	-10.17	-65.89	<b>-16.95</b>	-0.64	2.72	-0.76	CO 14
			min V <sub>z</sub>	-23.90	-50.51	<b>-37.43</b>	-1.79	4.71	-6.23	CO 2
			max M <sub>T</sub>	-9.27	-41.87	-17.21	<b>1.12</b>	2.19	-2.23	CO 16
			min M <sub>T</sub>	-25.14	-49.53	-37.16	<b>-3.87</b>	4.93	-6.57	CO 11
			max M <sub>y</sub>	-24.45	-77.73	-37.13	-3.43	<b>5.27</b>	-4.64	CO 12
			min M <sub>y</sub>	-9.62	-38.74	-17.25	1.01	<b>2.16</b>	-2.35	CO 1
			max M <sub>z</sub>	-10.17	-65.89	-16.95	-0.64	2.72	<b>-0.76</b>	CO 14
			min M <sub>z</sub>	-25.14	-49.53	-37.16	-3.87	4.93	<b>-6.57</b>	CO 11
	104	5.290	max N	<b>-9.35</b>	41.17	17.21	-1.07	2.18	-2.26	CO 16
			min N	<b>-27.71</b>	24.39	37.22	7.94	5.00	-8.82	CO 10
			max V <sub>y</sub>	-24.37	<b>52.73</b>	37.19	2.91	4.87	-6.31	CO 19
			min V <sub>y</sub>	-13.39	<b>13.03</b>	17.04	5.12	2.42	-4.91	CO 8
			max V <sub>z</sub>	-23.97	49.75	<b>37.41</b>	1.84	4.70	-6.28	CO 2
			min V <sub>z</sub>	-10.62	40.54	<b>16.91</b>	0.89	2.39	-2.53	CO 15
			max M <sub>T</sub>	-27.71	24.39	37.22	<b>7.94</b>	5.00	-8.82	CO 10
			min M <sub>T</sub>	-9.35	41.17	17.21	<b>-1.07</b>	2.18	-2.26	CO 16
			max M <sub>y</sub>	-27.50	26.29	37.19	7.89	<b>5.02</b>	-8.75	CO 12
			min M <sub>y</sub>	-9.66	38.33	17.24	-0.98	<b>2.15</b>	-2.37	CO 1
			max M <sub>z</sub>	-9.35	41.17	17.21	-1.07	2.18	<b>-2.26</b>	CO 16
			min M <sub>z</sub>	-27.71	24.39	37.22	7.94	5.00	<b>-8.82</b>	CO 10
		2.519	Max N	<b>33.11</b>	-1.63	-0.80	0.09	-20.27	21.08	CO 1
	104	5.290	Min N	<b>-27.71</b>	24.39	37.22	7.94	5.00	-8.82	CO 10
	104	5.290	Max V <sub>y</sub>	-24.37	<b>52.73</b>	37.19	2.91	4.87	-6.31	CO 19
	103	0.000	Min V <sub>y</sub>	-24.45	<b>-77.73</b>	-37.13	-3.43	5.27	-4.64	CO 12
	104	5.290	Max V <sub>z</sub>	-23.97	49.75	<b>37.41</b>	1.84	4.70	-6.28	CO 2
	103	0.000	Min V <sub>z</sub>	-23.90	-50.51	<b>-37.43</b>	-1.79	4.71	-6.23	CO 2
	104	5.290	Max M <sub>T</sub>	-27.71	24.39	37.22	<b>7.94</b>	5.00	-8.82	CO 10
		0.252	Min M <sub>T</sub>	-20.96	-50.88	-31.87	<b>-5.07</b>	-4.13	3.67	CO 12
	103	0.000	Max M <sub>y</sub>	-24.45	-77.73	-37.13	-3.43	<b>5.27</b>	-4.64	CO 12
		2.519	Min M <sub>y</sub>	9.63	-2.68	-1.76	0.06	<b>-50.44</b>	47.44	CO 17
		2.519	Max M <sub>z</sub>	9.63	-2.68	-1.76	0.06	-50.44	<b>47.44</b>	CO 17
	104	5.290	Min M <sub>z</sub>	-27.71	24.39	37.22	7.94	5.00	<b>-8.82</b>	CO 10
2446	107	0.000	max N	<b>-7.00</b>	-84.13	-18.14	0.66	2.74	0.39	CO 14
			min N	<b>-25.07</b>	-51.35	-38.44	-2.72	5.02	-6.46	CO 11
			max V <sub>y</sub>	-10.68	<b>-39.06</b>	-17.73	-0.35	2.40	-2.56	CO 9
			min V <sub>y</sub>	-21.38	<b>-96.52</b>	-38.85	-1.71	5.38	-3.50	CO 12
			max V <sub>z</sub>	-8.92	-44.76	<b>-17.69</b>	1.68	2.22	-1.98	CO 16
			min V <sub>z</sub>	-21.67	-93.48	<b>-38.85</b>	-1.86	5.35	-3.65	CO 10
			max M <sub>T</sub>	-8.92	-44.76	-17.69	<b>1.68</b>	2.22	-1.98	CO 16



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>T</sub>	-25.07	-51.35	-38.44	<b>-2.72</b>	5.02	-6.46	CO 11
			max M <sub>y</sub>	-21.38	-96.52	-38.85	-1.71	<b>5.38</b>	-3.50	CO 12
			min M <sub>y</sub>	-9.32	-40.65	-17.70	1.48	<b>2.18</b>	-2.17	CO 1
			max M <sub>z</sub>	-7.00	-84.13	-18.14	0.66	2.74	<b>0.39</b>	CO 14
			min M <sub>z</sub>	-25.07	-51.35	-38.44	-2.72	5.02	<b>-6.46</b>	CO 11
	108	5.290	max N	<b>-10.03</b>	33.24	16.03	-1.11	2.03	-2.62	CO 1
			min N	<b>-28.14</b>	12.34	33.93	5.44	4.52	-9.05	CO 12
			max V <sub>y</sub>	-10.03	<b>33.24</b>	16.03	-1.11	2.03	-2.62	CO 1
			min V <sub>y</sub>	-28.14	<b>12.34</b>	33.93	5.44	4.52	-9.05	CO 12
			max V <sub>z</sub>	-25.29	32.70	<b>34.99</b>	1.68	4.47	-7.57	CO 2
			min V <sub>z</sub>	-12.87	12.91	<b>14.97</b>	2.63	2.08	-4.10	CO 14
			max M <sub>T</sub>	-28.14	12.34	33.93	<b>5.44</b>	4.52	-9.05	CO 12
			min M <sub>T</sub>	-10.03	33.24	16.03	<b>-1.11</b>	2.03	-2.62	CO 1
			max M <sub>y</sub>	-27.38	21.27	34.55	3.72	<b>4.61</b>	-8.62	CO 13
			min M <sub>y</sub>	-10.03	33.24	16.03	-1.11	<b>2.03</b>	-2.62	CO 1
			max M <sub>z</sub>	-10.03	33.24	16.03	-1.11	2.03	<b>-2.62</b>	CO 1
			min M <sub>z</sub>	-28.14	12.34	33.93	5.44	4.52	<b>-9.05</b>	CO 12
		2.519	Max N	<b>33.28</b>	-1.57	-1.11	0.54	-20.28	21.09	CO 1
	108	5.290	Min N	<b>-28.14</b>	12.34	33.93	5.44	4.52	-9.05	CO 12
		4.786	Max V <sub>y</sub>	-19.84	<b>48.00</b>	26.52	2.18	-13.32	5.21	CO 12
	107	0.000	Min V <sub>y</sub>	-21.38	<b>-96.52</b>	-38.85	-1.71	5.38	-3.50	CO 12
	108	5.290	Max V <sub>z</sub>	-25.29	32.70	<b>34.99</b>	1.68	4.47	-7.57	CO 2
	107	0.000	Min V <sub>z</sub>	-21.67	-93.48	<b>-38.85</b>	-1.86	5.35	-3.65	CO 10
	108	5.290	Max M <sub>T</sub>	-28.14	12.34	33.93	<b>5.44</b>	4.52	-9.05	CO 12
		0.252	Min M <sub>T</sub>	-17.41	-55.42	-33.51	<b>-3.76</b>	-4.17	5.56	CO 12
	107	0.000	Max M <sub>y</sub>	-21.38	-96.52	-38.85	-1.71	<b>5.38</b>	-3.50	CO 12
		2.519	Min M <sub>y</sub>	9.63	-2.56	-2.43	1.00	<b>-50.42</b>	47.42	CO 2
		2.519	Max M <sub>z</sub>	9.63	-2.56	-2.43	1.00	-50.42	<b>47.42</b>	CO 2
	108	5.290	Min M <sub>z</sub>	-28.14	12.34	33.93	5.44	4.52	<b>-9.05</b>	CO 12
2447	113	0.000	max N	<b>-8.48</b>	-42.93	-17.61	4.88	1.84	-1.91	CO 15
			min N	<b>-29.16</b>	-5.66	-38.78	-7.11	4.81	-9.62	CO 10
			max V <sub>y</sub>	-14.73	<b>6.33</b>	-18.07	-4.72	2.17	-5.69	CO 8
			min V <sub>y</sub>	-23.25	<b>-57.53</b>	-38.40	-0.65	4.83	-5.85	CO 17
			max V <sub>z</sub>	-8.48	-42.93	<b>-17.61</b>	4.88	1.84	-1.91	CO 15
			min V <sub>z</sub>	-29.16	-5.66	<b>-38.78</b>	-7.11	4.81	-9.62	CO 10
			max M <sub>T</sub>	-8.48	-42.93	-17.61	<b>4.88</b>	1.84	-1.91	CO 15
			min M <sub>T</sub>	-29.16	-5.66	-38.78	<b>-7.11</b>	4.81	-9.62	CO 10
			max M <sub>y</sub>	-26.53	-28.98	-38.63	-4.40	<b>4.85</b>	-7.99	CO 18
			min M <sub>y</sub>	-8.80	-39.71	-17.61	4.69	<b>1.82</b>	-2.07	CO 9
			max M <sub>z</sub>	-8.54	-44.75	-17.64	3.79	2.01	<b>-1.88</b>	CO 21
			min M <sub>z</sub>	-29.16	-5.66	-38.78	-7.11	4.81	<b>-9.62</b>	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	114	5.290	max N	<b>-8.90</b>	68.77	15.88	-1.91	2.58	-0.92	CO 8
			min N	<b>-27.55</b>	-4.26	35.58	2.29	4.09	-9.71	CO 13
			max V <sub>y</sub>	-8.90	<b>68.77</b>	15.88	-1.91	2.58	-0.92	CO 8
			min V <sub>y</sub>	-27.55	<b>-4.26</b>	35.58	2.29	4.09	-9.71	CO 13
			max V <sub>z</sub>	-27.54	-3.89	<b>35.62</b>	2.20	4.09	-9.68	CO 11
			min V <sub>z</sub>	-8.91	68.48	<b>15.84</b>	-1.82	2.58	-0.95	CO 14
			max M <sub>T</sub>	-27.55	-4.26	35.58	<b>2.29</b>	4.09	-9.71	CO 13
			min M <sub>T</sub>	-8.90	68.77	15.88	<b>-1.91</b>	2.58	-0.92	CO 8
			max M <sub>y</sub>	-24.22	67.63	34.80	1.02	<b>5.02</b>	-5.91	CO 12
			min M <sub>y</sub>	-12.23	-2.99	16.66	-0.61	<b>1.62</b>	-4.72	CO 9
			max M <sub>z</sub>	-8.90	68.77	15.88	-1.91	2.58	<b>-0.92</b>	CO 8
			min M <sub>z</sub>	-27.55	-4.26	35.58	2.29	4.09	<b>-9.71</b>	CO 13
		2.519	Max N	<b>34.02</b>	-1.61	-0.64	0.02	-20.35	21.16	CO 9
	113	0.000	Min N	<b>-29.16</b>	-5.66	-38.78	-7.11	4.81	-9.62	CO 10
	114	5.290	Max V <sub>y</sub>	-8.90	<b>68.77</b>	15.88	-1.91	2.58	-0.92	CO 8
	113	0.000	Min V <sub>y</sub>	-23.25	<b>-57.53</b>	-38.40	-0.65	4.83	-5.85	CO 17
	114	5.290	Max V <sub>z</sub>	-27.54	-3.89	<b>35.62</b>	2.20	4.09	-9.68	CO 11
	113	0.000	Min V <sub>z</sub>	-29.16	-5.66	<b>-38.78</b>	-7.11	4.81	-9.62	CO 10
	113	0.000	Max M <sub>T</sub>	-8.48	-42.93	-17.61	<b>4.88</b>	1.84	-1.91	CO 15
	113	0.000	Min M <sub>T</sub>	-29.16	-5.66	-38.78	<b>-7.11</b>	4.81	-9.62	CO 10
	114	5.290	Max M <sub>y</sub>	-24.22	67.63	34.80	1.02	<b>5.02</b>	-5.91	CO 12
		2.519	Min M <sub>y</sub>	10.36	-2.59	-1.96	0.48	<b>-50.49</b>	47.48	CO 13
		2.519	Max M <sub>z</sub>	10.36	-2.59	-1.96	0.48	-50.49	<b>47.48</b>	CO 13
	114	5.290	Min M <sub>z</sub>	-27.55	-4.26	35.58	2.29	4.09	<b>-9.71</b>	CO 13
2448	115	0.000	max N	<b>-7.26</b>	39.18	-17.61	-4.72	1.60	1.81	CO 15
			min N	<b>-24.53</b>	77.72	-37.16	3.27	5.25	4.54	CO 10
			max V <sub>y</sub>	-24.28	<b>79.95</b>	-37.14	3.17	5.28	4.45	CO 12
			min V <sub>y</sub>	-7.51	<b>37.08</b>	-17.63	-4.62	1.59	1.89	CO 9
			max V <sub>z</sub>	-9.99	68.24	<b>-16.96</b>	0.39	2.72	0.56	CO 14
			min V <sub>z</sub>	-21.79	48.71	<b>-37.82</b>	-2.07	4.19	5.78	CO 11
			max M <sub>T</sub>	-24.53	77.72	-37.16	<b>3.27</b>	5.25	4.54	CO 10
			min M <sub>T</sub>	-7.26	39.18	-17.61	<b>-4.72</b>	1.60	1.81	CO 15
			max M <sub>y</sub>	-24.28	79.95	-37.14	3.17	<b>5.28</b>	4.45	CO 12
			min M <sub>y</sub>	-7.51	37.08	-17.63	-4.62	<b>1.59</b>	1.89	CO 9
			max M <sub>z</sub>	-23.92	50.16	-37.43	1.80	4.70	<b>6.25</b>	CO 2
			min M <sub>z</sub>	-9.99	68.24	-16.96	0.39	2.72	<b>0.56</b>	CO 14
	116	5.290	max N	<b>-7.16</b>	-40.63	17.68	4.78	1.61	1.70	CO 15
			min N	<b>-27.77</b>	-22.41	37.24	-8.06	4.98	8.99	CO 10
			max V <sub>y</sub>	-13.48	<b>-10.85</b>	17.07	-5.26	2.41	5.09	CO 8
			min V <sub>y</sub>	-23.53	<b>-53.62</b>	37.39	-1.64	4.74	6.11	CO 17
			max V <sub>z</sub>	-21.71	-49.92	<b>37.87</b>	2.10	4.21	5.69	CO 11

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min V <sub>z</sub>	-13.22	-13.07	<b>17.05</b>	-5.17	2.43	5.00	CO 14
			max M <sub>T</sub>	-7.16	-40.63	17.68	<b>4.78</b>	1.61	1.70	CO 15
			min M <sub>T</sub>	-27.77	-22.41	37.24	<b>-8.06</b>	4.98	8.99	CO 10
			max M <sub>y</sub>	-27.52	-24.63	37.22	-7.97	<b>5.01</b>	8.90	CO 12
			min M <sub>y</sub>	-7.43	-38.28	17.69	4.66	<b>1.59</b>	1.80	CO 9
			max M <sub>z</sub>	-27.77	-22.41	37.24	-8.06	4.98	<b>8.99</b>	CO 10
			min M <sub>z</sub>	-7.16	-40.63	17.68	4.78	1.61	<b>1.70</b>	CO 15
		2.771	Max N	<b>35.71</b>	-1.64	0.83	0.18	-20.57	-21.41	CO 15
	116	5.290	Min N	<b>-27.77</b>	-22.41	37.24	-8.06	4.98	8.99	CO 10
	115	0.000	Max V <sub>y</sub>	-24.28	<b>79.95</b>	-37.14	3.17	5.28	4.45	CO 12
	116	5.290	Min V <sub>y</sub>	-23.53	<b>-53.62</b>	37.39	-1.64	4.74	6.11	CO 17
	116	5.290	Max V <sub>z</sub>	-21.71	-49.92	<b>37.87</b>	2.10	4.21	5.69	CO 11
	115	0.000	Min V <sub>z</sub>	-21.79	48.71	<b>-37.82</b>	-2.07	4.19	5.78	CO 11
		0.252	Max M <sub>T</sub>	-20.70	51.31	-31.87	<b>4.98</b>	-4.14	-3.94	CO 12
	116	5.290	Min M <sub>T</sub>	-27.77	-22.41	37.24	<b>-8.06</b>	4.98	8.99	CO 10
	115	0.000	Max M <sub>y</sub>	-24.28	79.95	-37.14	3.17	<b>5.28</b>	4.45	CO 12
		2.771	Min M <sub>y</sub>	12.25	-2.71	1.79	0.14	<b>-50.74</b>	-47.77	CO 13
	116	5.290	Max M <sub>z</sub>	-27.77	-22.41	37.24	-8.06	4.98	<b>8.99</b>	CO 10
		2.771	Min M <sub>z</sub>	12.25	-2.71	1.79	0.14	-50.74	<b>-47.77</b>	CO 13
2449	119	0.000	max N	<b>-6.61</b>	88.57	-18.08	-0.93	2.76	-0.69	CO 14
			min N	<b>-23.68</b>	53.18	-38.41	0.86	4.79	6.06	CO 2
			max V <sub>y</sub>	-20.97	<b>101.09</b>	-38.79	1.42	5.41	3.20	CO 12
			min V <sub>y</sub>	-8.96	<b>37.87</b>	-17.55	-4.44	1.80	2.19	CO 9
			max V <sub>z</sub>	-8.66	40.93	<b>-17.55</b>	-4.62	1.83	2.05	CO 15
			min V <sub>z</sub>	-21.29	97.82	<b>-38.80</b>	1.59	5.37	3.36	CO 10
			max M <sub>T</sub>	-21.29	97.82	-38.80	<b>1.59</b>	5.37	3.36	CO 10
			min M <sub>T</sub>	-8.66	40.93	-17.55	<b>-4.62</b>	1.83	2.05	CO 15
			max M <sub>y</sub>	-20.97	101.09	-38.79	1.42	<b>5.41</b>	3.20	CO 12
			min M <sub>y</sub>	-8.96	37.87	-17.55	-4.44	<b>1.80</b>	2.19	CO 9
			max M <sub>z</sub>	-23.33	50.26	-38.27	-2.30	4.50	<b>6.08</b>	CO 11
			min M <sub>z</sub>	-6.61	88.57	-18.08	-0.93	2.76	<b>-0.69</b>	CO 14
	120	5.290	max N	<b>-10.03</b>	-33.17	16.03	1.11	2.03	2.63	CO 1
			min N	<b>-28.17</b>	-11.39	33.92	-5.66	4.52	9.10	CO 12
			max V <sub>y</sub>	-27.09	<b>-1.03</b>	35.61	-2.04	4.14	9.43	CO 13
			min V <sub>y</sub>	-10.03	<b>-33.17</b>	16.03	1.11	2.03	2.63	CO 1
			max V <sub>z</sub>	-27.08	-1.40	<b>35.65</b>	-1.95	4.13	9.40	CO 11
			min V <sub>z</sub>	-12.89	-12.02	<b>14.96</b>	-2.85	2.08	4.15	CO 14
			max M <sub>T</sub>	-10.03	-33.17	16.03	<b>1.11</b>	2.03	2.63	CO 1
			min M <sub>T</sub>	-28.17	-11.39	33.92	<b>-5.66</b>	4.52	9.10	CO 12
			max M <sub>y</sub>	-28.17	-11.39	33.92	-5.66	<b>4.52</b>	9.10	CO 12
			min M <sub>y</sub>	-11.81	-2.00	16.69	0.84	<b>1.67</b>	4.45	CO 9

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>z</sub>	-27.09	-1.03	35.61	-2.04	4.14	<b>9.43</b>	CO 13
			min M <sub>z</sub>	-10.03	-33.17	16.03	1.11	2.03	<b>2.63</b>	CO 1
		2.519	Max N	<b>34.01</b>	1.64	-0.63	0.01	-20.35	-21.16	CO 9
	120	5.290	Min N	<b>-28.17</b>	-11.39	33.92	-5.66	4.52	9.10	CO 12
	119	0.000	Max V <sub>y</sub>	-20.97	<b>101.09</b>	-38.79	1.42	5.41	3.20	CO 12
		4.534	Min V <sub>y</sub>	-13.72	<b>-48.71</b>	25.35	1.21	-21.76	-14.07	CO 13
	120	5.290	Max V <sub>z</sub>	-27.08	-1.40	<b>35.65</b>	-1.95	4.13	9.40	CO 11
	119	0.000	Min V <sub>z</sub>	-21.29	97.82	<b>-38.80</b>	1.59	5.37	3.36	CO 10
		0.252	Max M <sub>T</sub>	-16.81	56.36	-33.47	<b>3.76</b>	-4.15	-6.03	CO 12
	120	5.290	Min M <sub>T</sub>	-28.17	-11.39	33.92	<b>-5.66</b>	4.52	9.10	CO 12
	119	0.000	Max M <sub>y</sub>	-20.97	101.09	-38.79	1.42	<b>5.41</b>	3.20	CO 12
		2.519	Min M <sub>y</sub>	10.35	2.61	-1.95	-0.46	<b>-50.49</b>	-47.48	CO 13
	120	5.290	Max M <sub>z</sub>	-27.09	-1.03	35.61	-2.04	4.14	<b>9.43</b>	CO 13
		2.519	Min M <sub>z</sub>	10.36	2.63	-1.94	-0.45	-50.49	<b>-47.48</b>	CO 11
2450	125	0.000	max N	<b>-11.32</b>	-38.06	-17.27	1.13	2.34	-3.00	CO 16
			min N	<b>-32.29</b>	-21.38	-36.76	-5.33	5.43	-10.49	CO 10
			max V <sub>y</sub>	-15.37	<b>-19.96</b>	-16.26	-2.47	2.64	-4.89	CO 8
			min V <sub>y</sub>	-28.23	<b>-39.47</b>	-37.77	-1.72	5.12	-8.59	CO 17
			max V <sub>z</sub>	-15.28	-20.93	<b>-16.24</b>	-2.54	2.66	-4.85	CO 14
			min V <sub>z</sub>	-28.37	-38.10	<b>-37.79</b>	-1.64	5.10	-8.65	CO 2
			max M <sub>T</sub>	-11.45	-36.68	-17.30	<b>1.21</b>	2.31	-3.06	CO 1
			min M <sub>T</sub>	-32.20	-22.34	-36.73	<b>-5.39</b>	5.45	-10.44	CO 12
			max M <sub>y</sub>	-32.20	-22.34	-36.73	-5.39	<b>5.45</b>	-10.44	CO 12
			min M <sub>y</sub>	-11.45	-36.68	-17.30	1.21	<b>2.31</b>	-3.06	CO 1
			max M <sub>z</sub>	-11.32	-38.06	-17.27	1.13	2.34	<b>-3.00</b>	CO 16
			min M <sub>z</sub>	-32.29	-21.38	-36.76	-5.33	5.43	<b>-10.49</b>	CO 10
	126	5.520	max N	<b>-10.51</b>	46.14	18.91	-1.61	2.48	-2.56	CO 16
			min N	<b>-29.84</b>	53.32	41.39	5.66	5.92	-8.10	CO 10
			max V <sub>y</sub>	-27.48	<b>63.21</b>	41.58	2.61	5.71	-7.21	CO 13
			min V <sub>y</sub>	-13.70	<b>40.42</b>	19.14	3.14	2.94	-3.51	CO 8
			max V <sub>z</sub>	-27.48	63.21	<b>41.58</b>	2.61	5.71	-7.21	CO 13
			min V <sub>z</sub>	-10.93	41.78	<b>18.90</b>	-1.44	2.44	-2.76	CO 1
			max M <sub>T</sub>	-29.84	53.32	41.39	<b>5.66</b>	5.92	-8.10	CO 10
			min M <sub>T</sub>	-10.51	46.14	18.91	<b>-1.61</b>	2.48	-2.56	CO 16
			max M <sub>y</sub>	-29.55	56.36	41.40	5.55	<b>5.95</b>	-7.96	CO 12
			min M <sub>y</sub>	-10.93	41.78	18.90	-1.44	<b>2.44</b>	-2.76	CO 1
			max M <sub>z</sub>	-10.51	46.14	18.91	-1.61	2.48	<b>-2.56</b>	CO 16
			min M <sub>z</sub>	-29.84	53.32	41.39	5.66	5.92	<b>-8.10</b>	CO 10
		2.760	Max N	<b>34.16</b>	-0.05	0.29	-0.42	-22.59	24.35	CO 1
	125	0.000	Min N	<b>-32.29</b>	-21.38	-36.76	-5.33	5.43	-10.49	CO 10
	126	5.520	Max V <sub>y</sub>	-27.48	<b>63.21</b>	41.58	2.61	5.71	-7.21	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
		0.502	Min V <sub>y</sub>	-24.44	<b>-51.24</b>	-28.58	-2.42	-13.66	5.56	CO 10
	126	5.520	Max V <sub>z</sub>	-27.48	63.21	<b>41.58</b>	2.61	5.71	-7.21	CO 13
	125	0.000	Min V <sub>z</sub>	-28.37	-38.10	<b>-37.79</b>	-1.64	5.10	-8.65	CO 2
	126	5.520	Max M <sub>T</sub>	-29.84	53.32	41.39	<b>5.66</b>	5.92	-8.10	CO 10
	125	0.000	Min M <sub>T</sub>	-32.20	-22.34	-36.73	<b>-5.39</b>	5.45	-10.44	CO 12
	126	5.520	Max M <sub>y</sub>	-29.55	56.36	41.40	5.55	<b>5.95</b>	-7.96	CO 12
		2.760	Min M <sub>y</sub>	4.81	-0.12	0.62	-0.89	<b>-56.12</b>	54.35	CO 2
		2.760	Max M <sub>z</sub>	4.81	-0.12	0.62	-0.89	-56.12	<b>54.35</b>	CO 2
	125	0.000	Min M <sub>z</sub>	-32.29	-21.38	-36.76	-5.33	5.43	<b>-10.49</b>	CO 10
2451	153	0.000	max N	<b>-10.72</b>	-45.68	-18.52	1.28	2.47	-2.61	CO 16
			min N	<b>-31.08</b>	-54.15	-39.00	-7.45	6.01	-8.30	CO 10
			max V <sub>y</sub>	-13.15	<b>-35.11</b>	-18.50	-1.68	2.67	-3.51	CO 9
			min V <sub>y</sub>	-26.92	<b>-58.24</b>	-40.26	-1.63	5.39	-7.21	CO 17
			max V <sub>z</sub>	-14.87	-41.58	<b>-17.26</b>	-4.53	3.08	-3.70	CO 8
			min V <sub>z</sub>	-28.11	-54.32	<b>-40.27</b>	-3.30	5.53	-7.63	CO 19
			max M <sub>T</sub>	-10.72	-45.68	-18.52	<b>1.28</b>	2.47	-2.61	CO 16
			min M <sub>T</sub>	-31.08	-54.15	-39.00	<b>-7.45</b>	6.01	-8.30	CO 10
			max M <sub>y</sub>	-30.78	-56.99	-39.02	-7.35	<b>6.03</b>	-8.16	CO 12
			min M <sub>y</sub>	-11.17	-41.63	-18.48	1.10	<b>2.44</b>	-2.81	CO 1
			max M <sub>z</sub>	-10.72	-45.68	-18.52	1.28	2.47	<b>-2.61</b>	CO 16
			min M <sub>z</sub>	-31.08	-54.15	-39.00	-7.45	6.01	<b>-8.30</b>	CO 10
	154	5.520	max N	<b>-10.78</b>	45.16	18.54	-1.24	2.47	-2.63	CO 16
			min N	<b>-31.24</b>	51.90	39.62	8.58	6.06	-8.43	CO 10
			max V <sub>y</sub>	-28.09	<b>61.58</b>	40.41	3.72	5.70	-7.36	CO 13
			min V <sub>y</sub>	-15.02	<b>39.47</b>	17.84	5.62	3.10	-3.83	CO 8
			max V <sub>z</sub>	-28.09	61.58	<b>40.41</b>	3.72	5.70	-7.36	CO 13
			min V <sub>z</sub>	-15.02	39.47	<b>17.84</b>	5.62	3.10	-3.83	CO 8
			max M <sub>T</sub>	-31.24	51.90	39.62	<b>8.58</b>	6.06	-8.43	CO 10
			min M <sub>T</sub>	-10.78	45.16	18.54	<b>-1.24</b>	2.47	-2.63	CO 16
			max M <sub>y</sub>	-30.95	54.61	39.63	8.48	<b>6.08</b>	-8.30	CO 12
			min M <sub>y</sub>	-11.21	41.28	18.52	-1.07	<b>2.44</b>	-2.83	CO 1
			max M <sub>z</sub>	-10.78	45.16	18.54	-1.24	2.47	<b>-2.63</b>	CO 16
			min M <sub>z</sub>	-31.24	51.90	39.62	8.58	6.06	<b>-8.43</b>	CO 10
		2.760	Max N	<b>33.97</b>	0.00	0.01	-0.01	-22.58	24.34	CO 16
	154	5.520	Min N	<b>-31.24</b>	51.90	39.62	8.58	6.06	-8.43	CO 10
	154	5.520	Max V <sub>y</sub>	-28.09	<b>61.58</b>	40.41	3.72	5.70	-7.36	CO 13
	153	0.000	Min V <sub>y</sub>	-26.92	<b>-58.24</b>	-40.26	-1.63	5.39	-7.21	CO 17
	154	5.520	Max V <sub>z</sub>	-28.09	61.58	<b>40.41</b>	3.72	5.70	-7.36	CO 13
	153	0.000	Min V <sub>z</sub>	-28.11	-54.32	<b>-40.27</b>	-3.30	5.53	-7.63	CO 19
	154	5.520	Max M <sub>T</sub>	-31.24	51.90	39.62	<b>8.58</b>	6.06	-8.43	CO 10
	153	0.000	Min M <sub>T</sub>	-31.08	-54.15	-39.00	<b>-7.45</b>	6.01	-8.30	CO 10

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
	154	5.520	Max M <sub>y</sub>	-30.95	54.61	39.63	8.48	<b>6.08</b>	-8.30	CO 12
		2.760	Min M <sub>y</sub>	4.62	0.00	0.02	-0.02	<b>-56.12</b>	54.35	CO 17
		2.760	Max M <sub>z</sub>	4.62	0.00	0.02	-0.02	-56.12	<b>54.35</b>	CO 17
	154	5.520	Min M <sub>z</sub>	-31.24	51.90	39.62	8.58	6.06	<b>-8.43</b>	CO 10
2452	157	0.000	max N	<b>-10.84</b>	-44.77	-18.53	1.20	2.47	-2.66	CO 16
			min N	<b>-32.03</b>	-53.56	-38.82	-9.12	6.18	-8.55	CO 10
			max V <sub>y</sub>	-13.20	<b>-34.95</b>	-18.55	-1.73	2.67	-3.53	CO 9
			min V <sub>y</sub>	-29.83	<b>-57.10</b>	-39.42	-6.11	5.89	-7.94	CO 18
			max V <sub>z</sub>	-15.75	-41.32	<b>-17.06</b>	-6.12	3.23	-3.93	CO 8
			min V <sub>z</sub>	-29.18	-49.68	<b>-40.34</b>	-4.59	5.62	-8.02	CO 13
			max M <sub>T</sub>	-10.84	-44.77	-18.53	<b>1.20</b>	2.47	-2.66	CO 16
			min M <sub>T</sub>	-32.03	-53.56	-38.82	<b>-9.12</b>	6.18	-8.55	CO 10
			max M <sub>y</sub>	-31.76	-56.08	-38.83	-9.04	<b>6.20</b>	-8.43	CO 12
			min M <sub>y</sub>	-11.25	-41.19	-18.50	1.05	<b>2.45</b>	-2.84	CO 1
			max M <sub>z</sub>	-10.84	-44.77	-18.53	1.20	2.47	<b>-2.66</b>	CO 16
			min M <sub>z</sub>	-32.03	-53.56	-38.82	-9.12	6.18	<b>-8.55</b>	CO 10
	158	5.520	max N	<b>-10.80</b>	45.15	18.54	-1.23	2.47	-2.64	CO 16
			min N	<b>-32.18</b>	51.53	39.13	9.83	6.20	-8.66	CO 10
			max V <sub>y</sub>	-28.18	<b>61.27</b>	40.39	3.77	5.70	-7.39	CO 13
			min V <sub>y</sub>	-15.91	<b>39.12</b>	17.37	6.84	3.23	-4.05	CO 8
			max V <sub>z</sub>	-28.18	61.27	<b>40.39</b>	3.77	5.70	-7.39	CO 13
			min V <sub>z</sub>	-15.91	39.12	<b>17.37</b>	6.84	3.23	-4.05	CO 8
			max M <sub>T</sub>	-32.18	51.53	39.13	<b>9.83</b>	6.20	-8.66	CO 10
			min M <sub>T</sub>	-10.80	45.15	18.54	<b>-1.23</b>	2.47	-2.64	CO 16
			max M <sub>y</sub>	-31.89	54.24	39.15	9.75	<b>6.22</b>	-8.53	CO 12
			min M <sub>y</sub>	-11.24	41.27	18.51	-1.05	<b>2.45</b>	-2.84	CO 1
			max M <sub>z</sub>	-10.80	45.15	18.54	-1.23	2.47	<b>-2.64</b>	CO 16
			min M <sub>z</sub>	-32.18	51.53	39.13	9.83	6.20	<b>-8.66</b>	CO 10
		2.760	Max N	<b>33.94</b>	0.00	0.00	0.00	-22.58	24.33	CO 16
	158	5.520	Min N	<b>-32.18</b>	51.53	39.13	9.83	6.20	-8.66	CO 10
	158	5.520	Max V <sub>y</sub>	-28.18	<b>61.27</b>	40.39	3.77	5.70	-7.39	CO 13
	157	0.000	Min V <sub>y</sub>	-29.83	<b>-57.10</b>	-39.42	-6.11	5.89	-7.94	CO 18
	158	5.520	Max V <sub>z</sub>	-28.18	61.27	<b>40.39</b>	3.77	5.70	-7.39	CO 13
	157	0.000	Min V <sub>z</sub>	-29.18	-49.68	<b>-40.34</b>	-4.59	5.62	-8.02	CO 13
	158	5.520	Max M <sub>T</sub>	-32.18	51.53	39.13	<b>9.83</b>	6.20	-8.66	CO 10
	157	0.000	Min M <sub>T</sub>	-32.03	-53.56	-38.82	<b>-9.12</b>	6.18	-8.55	CO 10
	158	5.520	Max M <sub>y</sub>	-31.89	54.24	39.15	9.75	<b>6.22</b>	-8.53	CO 12
		2.760	Min M <sub>y</sub>	4.55	0.00	0.00	0.00	<b>-56.11</b>	54.34	CO 17
		2.760	Max M <sub>z</sub>	4.55	0.00	0.00	0.00	-56.11	<b>54.34</b>	CO 17
	158	5.520	Min M <sub>z</sub>	-32.18	51.53	39.13	9.83	6.20	<b>-8.66</b>	CO 10
2453	161	0.000	max N	<b>-10.85</b>	-44.77	-18.50	1.18	2.47	-2.66	CO 16

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min N	<b>-32.50</b>	-53.81	-38.79	-9.97	6.28	-8.66	CO 10
			max V <sub>y</sub>	-12.55	<b>-35.21</b>	-18.46	-1.73	2.57	-3.35	CO 9
			min V <sub>y</sub>	-30.15	<b>-57.25</b>	-39.37	-6.66	5.96	-8.01	CO 18
			max V <sub>z</sub>	-15.97	-44.06	<b>-17.02</b>	-6.90	3.34	-3.92	CO 14
			min V <sub>z</sub>	-27.12	-57.03	<b>-40.27</b>	-1.81	5.40	-7.28	CO 17
			max M <sub>T</sub>	-10.85	-44.77	-18.50	<b>1.18</b>	2.47	-2.66	CO 16
			min M <sub>T</sub>	-32.50	-53.81	-38.79	<b>-9.97</b>	6.28	-8.66	CO 10
			max M <sub>y</sub>	-32.26	-56.32	-38.78	-9.91	<b>6.30</b>	-8.55	CO 12
			min M <sub>y</sub>	-11.22	-41.19	-18.50	1.04	<b>2.44</b>	-2.83	CO 1
			max M <sub>z</sub>	-10.85	-44.77	-18.50	1.18	2.47	<b>-2.66</b>	CO 16
			min M <sub>z</sub>	-32.50	-53.81	-38.79	-9.97	6.28	<b>-8.66</b>	CO 10
	162	5.520	max N	<b>-9.76</b>	70.11	18.63	-0.53	2.81	-1.04	CO 15
			min N	<b>-32.98</b>	47.58	38.84	10.53	6.24	-9.08	CO 10
			max V <sub>y</sub>	-26.03	<b>82.50</b>	40.40	2.45	5.75	-5.66	CO 13
			min V <sub>y</sub>	-16.69	<b>35.27</b>	17.08	7.51	3.28	-4.46	CO 8
			max V <sub>z</sub>	-26.03	82.50	<b>40.40</b>	2.45	5.75	-5.66	CO 13
			min V <sub>z</sub>	-16.69	35.27	<b>17.08</b>	7.51	3.28	-4.46	CO 8
			max M <sub>T</sub>	-32.98	47.58	38.84	<b>10.53</b>	6.24	-9.08	CO 10
			min M <sub>T</sub>	-10.72	46.26	18.54	<b>-1.22</b>	2.49	-2.57	CO 16
			max M <sub>y</sub>	-32.73	50.18	38.86	10.50	<b>6.27</b>	-8.96	CO 12
			min M <sub>y</sub>	-11.12	42.48	18.50	-1.12	<b>2.45</b>	-2.75	CO 1
			max M <sub>z</sub>	-9.76	70.11	18.63	-0.53	2.81	<b>-1.04</b>	CO 15
			min M <sub>z</sub>	-32.98	47.58	38.84	10.53	6.24	<b>-9.08</b>	CO 10
		2.760	Max N	<b>33.93</b>	-0.01	0.02	-0.03	-22.58	24.33	CO 16
	162	5.520	Min N	<b>-32.98</b>	47.58	38.84	10.53	6.24	-9.08	CO 10
	162	5.520	Max V <sub>y</sub>	-26.03	<b>82.50</b>	40.40	2.45	5.75	-5.66	CO 13
	161	0.000	Min V <sub>y</sub>	-30.15	<b>-57.25</b>	-39.37	-6.66	5.96	-8.01	CO 18
	162	5.520	Max V <sub>z</sub>	-26.03	82.50	<b>40.40</b>	2.45	5.75	-5.66	CO 13
	161	0.000	Min V <sub>z</sub>	-27.12	-57.03	<b>-40.27</b>	-1.81	5.40	-7.28	CO 17
	162	5.520	Max M <sub>T</sub>	-32.98	47.58	38.84	<b>10.53</b>	6.24	-9.08	CO 10
	161	0.000	Min M <sub>T</sub>	-32.50	-53.81	-38.79	<b>-9.97</b>	6.28	-8.66	CO 10
	161	0.000	Max M <sub>y</sub>	-32.26	-56.32	-38.78	-9.91	<b>6.30</b>	-8.55	CO 12
		2.760	Min M <sub>y</sub>	4.52	-0.01	0.03	-0.04	<b>-56.11</b>	54.34	CO 17
		2.760	Max M <sub>z</sub>	4.52	-0.01	0.03	-0.04	-56.11	<b>54.34</b>	CO 17
	162	5.520	Min M <sub>z</sub>	-32.98	47.58	38.84	10.53	6.24	<b>-9.08</b>	CO 10
2454	165	0.000	max N	<b>-10.97</b>	-44.38	-18.52	1.06	2.49	-2.73	CO 16
			min N	<b>-32.42</b>	-56.01	-38.80	-9.98	6.30	-8.46	CO 10
			max V <sub>y</sub>	-13.99	<b>-23.88</b>	-18.39	-2.76	2.66	-4.69	CO 9
			min V <sub>y</sub>	-32.19	<b>-58.59</b>	-38.80	-9.97	6.33	-8.34	CO 12
			max V <sub>z</sub>	-15.90	-46.27	<b>-17.04</b>	-6.94	3.37	-3.72	CO 14
			min V <sub>z</sub>	-27.24	-56.68	<b>-40.29</b>	-1.94	5.42	-7.35	CO 17

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max M <sub>T</sub>	-10.97	-44.38	-18.52	<b>1.06</b>	2.49	-2.73	CO 16
			min M <sub>T</sub>	-32.42	-56.01	-38.80	<b>-9.98</b>	6.30	-8.46	CO 10
			max M <sub>y</sub>	-32.19	-58.59	-38.80	-9.97	<b>6.33</b>	-8.34	CO 12
			min M <sub>y</sub>	-11.32	-40.73	-18.50	0.99	<b>2.45</b>	-2.91	CO 1
			max M <sub>z</sub>	-10.97	-44.38	-18.52	1.06	2.49	<b>-2.73</b>	CO 16
			min M <sub>z</sub>	-30.27	-36.15	-40.16	-5.76	5.59	<b>-9.31</b>	CO 11
	166	5.520	max N	<b>-10.98</b>	44.24	18.52	-1.05	2.49	-2.75	CO 16
			min N	<b>-32.94</b>	47.37	38.77	10.58	6.25	-9.18	CO 10
			max V <sub>y</sub>	-28.08	<b>70.54</b>	40.59	3.67	5.82	-6.54	CO 13
			min V <sub>y</sub>	-16.64	<b>35.18</b>	17.01	7.54	3.29	-4.55	CO 8
			max V <sub>z</sub>	-28.08	70.54	<b>40.59</b>	3.67	5.82	-6.54	CO 13
			min V <sub>z</sub>	-16.42	37.64	<b>17.00</b>	7.53	3.31	-4.44	CO 14
			max M <sub>T</sub>	-32.72	49.82	38.77	<b>10.58</b>	6.28	-9.07	CO 12
			min M <sub>T</sub>	-10.98	44.24	18.52	<b>-1.05</b>	2.49	-2.75	CO 16
			max M <sub>y</sub>	-32.72	49.82	38.77	10.58	<b>6.28</b>	-9.07	CO 12
			min M <sub>y</sub>	-11.33	40.68	18.50	-0.99	<b>2.45</b>	-2.91	CO 1
			max M <sub>z</sub>	-11.81	58.31	18.82	0.67	2.88	<b>-1.92</b>	CO 15
			min M <sub>z</sub>	-32.94	47.37	38.77	10.58	6.25	<b>-9.18</b>	CO 10
		2.760	Max N	<b>33.83</b>	0.00	0.00	0.00	-22.56	24.31	CO 1
	166	5.520	Min N	<b>-32.94</b>	47.37	38.77	10.58	6.25	-9.18	CO 10
	166	5.520	Max V <sub>y</sub>	-28.08	<b>70.54</b>	40.59	3.67	5.82	-6.54	CO 13
	165	0.000	Min V <sub>y</sub>	-32.19	<b>-58.59</b>	-38.80	-9.97	6.33	-8.34	CO 12
	166	5.520	Max V <sub>z</sub>	-28.08	70.54	<b>40.59</b>	3.67	5.82	-6.54	CO 13
	165	0.000	Min V <sub>z</sub>	-27.24	-56.68	<b>-40.29</b>	-1.94	5.42	-7.35	CO 17
	166	5.520	Max M <sub>T</sub>	-32.72	49.82	38.77	<b>10.58</b>	6.28	-9.07	CO 12
	165	0.000	Min M <sub>T</sub>	-32.42	-56.01	-38.80	<b>-9.98</b>	6.30	-8.46	CO 10
	165	0.000	Max M <sub>y</sub>	-32.19	-58.59	-38.80	-9.97	<b>6.33</b>	-8.34	CO 12
		2.760	Min M <sub>y</sub>	4.40	0.00	0.00	0.00	<b>-56.09</b>	54.32	CO 17
		2.760	Max M <sub>z</sub>	4.43	0.00	0.00	0.00	-56.09	<b>54.32</b>	CO 2
	165	0.000	Min M <sub>z</sub>	-30.27	-36.15	-40.16	-5.76	5.59	<b>-9.31</b>	CO 11
2455	169	0.000	max N	<b>-10.70</b>	-46.48	-18.54	1.24	2.49	-2.55	CO 16
			min N	<b>-31.97</b>	-29.49	-40.11	-6.72	5.68	-9.79	CO 11
			max V <sub>y</sub>	-15.71	<b>-17.03</b>	-18.33	-3.75	2.75	-5.18	CO 9
			min V <sub>y</sub>	-31.07	<b>-64.01</b>	-39.07	-9.33	6.27	-7.84	CO 12
			max V <sub>z</sub>	-15.08	-48.69	<b>-17.29</b>	-6.37	3.28	-3.37	CO 8
			min V <sub>z</sub>	-26.95	-58.98	<b>-40.31</b>	-1.74	5.42	-7.16	CO 17
			max M <sub>T</sub>	-10.70	-46.48	-18.54	<b>1.24</b>	2.49	-2.55	CO 16
			min M <sub>T</sub>	-31.34	-61.22	-39.06	<b>-9.37</b>	6.25	-7.97	CO 10
			max M <sub>y</sub>	-31.07	-64.01	-39.07	-9.33	<b>6.27</b>	-7.84	CO 12
			min M <sub>y</sub>	-11.11	-42.56	-18.50	1.13	<b>2.45</b>	-2.74	CO 1
			max M <sub>z</sub>	-10.70	-46.48	-18.54	1.24	2.49	<b>-2.55</b>	CO 16



Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>z</sub>	-31.97	-29.49	-40.11	-6.72	5.68	<b>-9.79</b>	CO 11
	170	5.520	max N	<b>-10.85</b>	44.72	18.50	-1.17	2.47	-2.67	CO 16
			min N	<b>-32.16</b>	51.02	38.74	9.56	6.15	-8.66	CO 10
			max V <sub>y</sub>	-29.42	<b>61.04</b>	40.69	5.06	5.94	-7.72	CO 13
			min V <sub>y</sub>	-15.87	<b>38.80</b>	16.98	6.56	3.19	-4.03	CO 8
			max V <sub>z</sub>	-29.42	61.04	<b>40.69</b>	5.06	5.94	-7.72	CO 13
			min V <sub>z</sub>	-15.63	41.27	<b>16.98</b>	6.50	3.22	-3.92	CO 14
			max M <sub>T</sub>	-32.16	51.02	38.74	<b>9.56</b>	6.15	-8.66	CO 10
			min M <sub>T</sub>	-10.85	44.72	18.50	<b>-1.17</b>	2.47	-2.67	CO 16
			max M <sub>y</sub>	-31.92	53.50	38.73	9.51	<b>6.17</b>	-8.55	CO 12
			min M <sub>y</sub>	-11.22	41.18	18.49	-1.04	<b>2.44</b>	-2.84	CO 1
			max M <sub>z</sub>	-10.85	44.72	18.50	-1.17	2.47	<b>-2.67</b>	CO 16
			min M <sub>z</sub>	-32.16	51.02	38.74	9.56	6.15	<b>-8.66</b>	CO 10
		2.760	Max N	<b>33.94</b>	0.01	-0.02	0.03	-22.58	24.33	CO 16
	170	5.520	Min N	<b>-32.16</b>	51.02	38.74	9.56	6.15	-8.66	CO 10
	170	5.520	Max V <sub>y</sub>	-29.42	<b>61.04</b>	40.69	5.06	5.94	-7.72	CO 13
	169	0.000	Min V <sub>y</sub>	-31.07	<b>-64.01</b>	-39.07	-9.33	6.27	-7.84	CO 12
	170	5.520	Max V <sub>z</sub>	-29.42	61.04	<b>40.69</b>	5.06	5.94	-7.72	CO 13
	169	0.000	Min V <sub>z</sub>	-26.95	-58.98	<b>-40.31</b>	-1.74	5.42	-7.16	CO 17
	170	5.520	Max M <sub>T</sub>	-32.16	51.02	38.74	<b>9.56</b>	6.15	-8.66	CO 10
	169	0.000	Min M <sub>T</sub>	-31.34	-61.22	-39.06	<b>-9.37</b>	6.25	-7.97	CO 10
	169	0.000	Max M <sub>y</sub>	-31.07	-64.01	-39.07	-9.33	<b>6.27</b>	-7.84	CO 12
		2.760	Min M <sub>y</sub>	4.54	0.01	-0.03	0.04	<b>-56.11</b>	54.34	CO 17
		2.760	Max M <sub>z</sub>	4.54	0.01	-0.03	0.04	-56.11	<b>54.34</b>	CO 17
	169	0.000	Min M <sub>z</sub>	-31.97	-29.49	-40.11	-6.72	5.68	<b>-9.79</b>	CO 11
2456	173	0.000	max N	<b>-10.78</b>	-45.20	-18.54	1.24	2.47	-2.63	CO 16
			min N	<b>-31.18</b>	-54.40	-39.57	-8.67	6.10	-8.33	CO 10
			max V <sub>y</sub>	-14.05	<b>-34.83</b>	-18.57	-3.19	2.82	-3.74	CO 9
			min V <sub>y</sub>	-29.26	<b>-58.06</b>	-39.88	-5.81	5.85	-7.78	CO 18
			max V <sub>z</sub>	-14.95	-41.95	<b>-17.78</b>	-5.71	3.14	-3.73	CO 8
			min V <sub>z</sub>	-29.97	-50.00	<b>-40.38</b>	-6.01	5.78	-8.21	CO 13
			max M <sub>T</sub>	-10.78	-45.20	-18.54	<b>1.24</b>	2.47	-2.63	CO 16
			min M <sub>T</sub>	-31.18	-54.40	-39.57	<b>-8.67</b>	6.10	-8.33	CO 10
			max M <sub>y</sub>	-30.89	-57.15	-39.58	-8.58	<b>6.12</b>	-8.20	CO 12
			min M <sub>y</sub>	-11.21	-41.28	-18.51	1.06	<b>2.44</b>	-2.83	CO 1
			max M <sub>z</sub>	-10.78	-45.20	-18.54	1.24	2.47	<b>-2.63</b>	CO 16
			min M <sub>z</sub>	-30.27	-47.27	-40.36	-6.13	5.76	<b>-8.34</b>	CO 11
	174	5.520	max N	<b>-10.73</b>	45.63	18.52	-1.27	2.47	-2.62	CO 16
			min N	<b>-31.45</b>	51.66	38.92	7.87	6.02	-8.47	CO 10
			max V <sub>y</sub>	-28.96	<b>61.65</b>	40.33	5.17	5.85	-7.57	CO 13
			min V <sub>y</sub>	-15.24	<b>39.10</b>	17.18	4.94	3.08	-3.87	CO 8

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			max V <sub>z</sub>	-28.96	61.65	<b>40.33</b>	5.17	5.85	-7.57	CO 13
			min V <sub>z</sub>	-15.24	39.10	<b>17.18</b>	4.94	3.08	-3.87	CO 8
			max M <sub>T</sub>	-31.45	51.66	38.92	<b>7.87</b>	6.02	-8.47	CO 10
			min M <sub>T</sub>	-10.73	45.63	18.52	<b>-1.27</b>	2.47	-2.62	CO 16
			max M <sub>y</sub>	-31.15	54.46	38.93	7.77	<b>6.04</b>	-8.34	CO 12
			min M <sub>y</sub>	-11.18	41.62	18.48	-1.10	<b>2.44</b>	-2.81	CO 1
			max M <sub>z</sub>	-10.73	45.63	18.52	-1.27	2.47	<b>-2.62</b>	CO 16
			min M <sub>z</sub>	-31.45	51.66	38.92	7.87	6.02	<b>-8.47</b>	CO 10
		2.760	Max N	<b>33.97</b>	0.00	-0.01	0.01	-22.58	24.34	CO 16
	174	5.520	Min N	<b>-31.45</b>	51.66	38.92	7.87	6.02	-8.47	CO 10
	174	5.520	Max V <sub>y</sub>	-28.96	<b>61.65</b>	40.33	5.17	5.85	-7.57	CO 13
	173	0.000	Min V <sub>y</sub>	-29.26	<b>-58.06</b>	-39.88	-5.81	5.85	-7.78	CO 18
	174	5.520	Max V <sub>z</sub>	-28.96	61.65	<b>40.33</b>	5.17	5.85	-7.57	CO 13
	173	0.000	Min V <sub>z</sub>	-29.97	-50.00	<b>-40.38</b>	-6.01	5.78	-8.21	CO 13
	174	5.520	Max M <sub>T</sub>	-31.45	51.66	38.92	<b>7.87</b>	6.02	-8.47	CO 10
	173	0.000	Min M <sub>T</sub>	-31.18	-54.40	-39.57	<b>-8.67</b>	6.10	-8.33	CO 10
	173	0.000	Max M <sub>y</sub>	-30.89	-57.15	-39.58	-8.58	<b>6.12</b>	-8.20	CO 12
		2.760	Min M <sub>y</sub>	4.61	0.00	-0.02	0.03	<b>-56.12</b>	54.35	CO 17
		2.760	Max M <sub>z</sub>	4.61	0.00	-0.02	0.03	-56.12	<b>54.35</b>	CO 17
	174	5.520	Min M <sub>z</sub>	-31.45	51.66	38.92	7.87	6.02	<b>-8.47</b>	CO 10
2457	177	0.000	max N	<b>-10.52</b>	-46.17	-18.90	1.60	2.48	-2.56	CO 16
			min N	<b>-29.73</b>	-55.77	-41.37	-5.69	5.96	-7.99	CO 10
			max V <sub>y</sub>	-12.90	<b>-34.07</b>	-19.22	-2.63	2.64	-3.49	CO 9
			min V <sub>y</sub>	-28.26	<b>-59.73</b>	-41.28	-3.70	5.79	-7.53	CO 18
			max V <sub>z</sub>	-10.94	-41.79	<b>-18.89</b>	1.43	2.44	-2.76	CO 1
			min V <sub>z</sub>	-28.75	-50.03	<b>-41.47</b>	-5.03	5.64	-7.93	CO 13
			max M <sub>T</sub>	-10.52	-46.17	-18.90	<b>1.60</b>	2.48	-2.56	CO 16
			min M <sub>T</sub>	-29.73	-55.77	-41.37	<b>-5.69</b>	5.96	-7.99	CO 10
			max M <sub>y</sub>	-29.45	-58.85	-41.37	-5.59	<b>5.99</b>	-7.85	CO 12
			min M <sub>y</sub>	-10.94	-41.79	-18.89	1.43	<b>2.44</b>	-2.76	CO 1
			max M <sub>z</sub>	-10.52	-46.17	-18.90	1.60	2.48	<b>-2.56</b>	CO 16
			min M <sub>z</sub>	-29.04	-46.97	-41.47	-5.14	5.62	<b>-8.08</b>	CO 11
	178	5.520	max N	<b>-10.79</b>	61.62	17.18	-0.35	2.74	-1.83	CO 15
			min N	<b>-32.59</b>	18.97	36.70	5.64	5.44	-10.64	CO 10
			max V <sub>y</sub>	-27.70	<b>63.16</b>	37.67	2.50	5.54	-7.41	CO 13
			min V <sub>y</sub>	-15.68	<b>17.45</b>	16.20	2.79	2.64	-5.05	CO 8
			max V <sub>z</sub>	-28.35	38.37	<b>37.79</b>	1.65	5.11	-8.64	CO 2
			min V <sub>z</sub>	-15.58	18.58	<b>16.18</b>	2.86	2.66	-5.00	CO 14
			max M <sub>T</sub>	-32.49	20.09	36.67	<b>5.72</b>	5.46	-10.59	CO 12
			min M <sub>T</sub>	-11.44	36.84	17.30	<b>-1.20</b>	2.31	-3.06	CO 1
			max M <sub>y</sub>	-27.70	63.16	37.67	2.50	<b>5.54</b>	-7.41	CO 13

Member	Node	Location		Forces [kN]			Moments [kNm]			
No.	No.	x [m]		N	V <sub>y</sub>	V <sub>z</sub>	M <sub>T</sub>	M <sub>y</sub>	M <sub>z</sub>	Corresponding Load Cases
			min M <sub>y</sub>	-11.44	36.84	17.30	-1.20	<b>2.31</b>	-3.06	CO 1
			max M <sub>z</sub>	-10.79	61.62	17.18	-0.35	2.74	<b>-1.83</b>	CO 15
			min M <sub>z</sub>	-32.59	18.97	36.70	5.64	5.44	<b>-10.64</b>	CO 10
		2.760	Max N	<b>34.16</b>	0.04	-0.28	0.41	-22.59	24.35	CO 1
	178	5.520	Min N	<b>-32.59</b>	18.97	36.70	5.64	5.44	-10.64	CO 10
	178	5.520	Max V <sub>y</sub>	-27.70	<b>63.16</b>	37.67	2.50	5.54	-7.41	CO 13
	177	0.000	Min V <sub>y</sub>	-28.26	<b>-59.73</b>	-41.28	-3.70	5.79	-7.53	CO 18
	178	5.520	Max V <sub>z</sub>	-28.35	38.37	<b>37.79</b>	1.65	5.11	-8.64	CO 2
	177	0.000	Min V <sub>z</sub>	-28.75	-50.03	<b>-41.47</b>	-5.03	5.64	-7.93	CO 13
	178	5.520	Max M <sub>T</sub>	-32.49	20.09	36.67	<b>5.72</b>	5.46	-10.59	CO 12
	177	0.000	Min M <sub>T</sub>	-29.73	-55.77	-41.37	<b>-5.69</b>	5.96	-7.99	CO 10
	177	0.000	Max M <sub>y</sub>	-29.45	-58.85	-41.37	-5.59	<b>5.99</b>	-7.85	CO 12
		2.760	Min M <sub>y</sub>	4.80	0.12	-0.61	0.88	<b>-56.12</b>	54.35	CO 2
		2.760	Max M <sub>z</sub>	4.80	0.12	-0.61	0.88	-56.12	<b>54.35</b>	CO 2
	178	5.520	Min M <sub>z</sub>	-32.59	18.97	36.70	5.64	5.44	<b>-10.64</b>	CO 10