

構 造 計 算 書

CONTENTS

PAGE

§-1 構 造 概 要	P. 1
§-2 使用材料と許容応力度	P. 3
§-3 構 造 略 図	P. 5
§-4 仮 定 荷 重	P. 6
§-5 鉄骨トラスの設計	P. 10
5-1 構造モデル	P. 10
5-2 節点荷重	P. 20
5-3 応力解析	P. 62
1) 応力表	P. 62
2) 支点反力	P. 152
5-4 部材算定	P. 159
5-5 変形量の検討	P. 200
§-6 支承部の設計	P. 201
6-1 支承概略図	P. 201
6-2 設計応力	P. 202
6-3 A支承の設計	P. 203

§-1 構造概要

工事名： 深谷グリーンパーク

建設地： 埼玉県深谷市

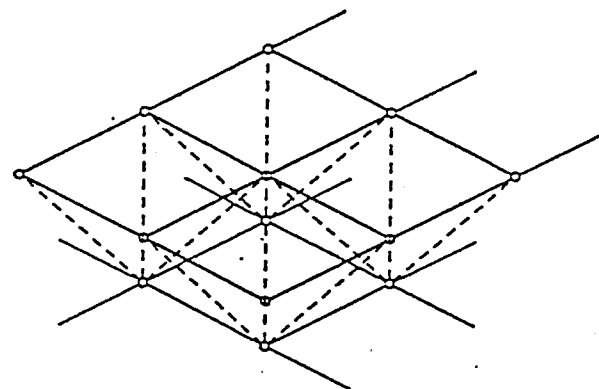
構造概要

本構造物は、深谷市に建設されるプール の鉄骨上屋で大きさが、 $65.0^m \times 80.7^m$ である。

この鉄骨上屋は一般構造用鋼管（STK 400）で構成される立体トラス構造で、鋼管内に組み込まれたボルトと鋼球を介して接合される。

使用システム：TMトラス 建設省阪住指発第/2/号

立体トラスの構造要素は左図の通りである。



この立体トラスは、RC柱 で支持される。

使用材料とその許容応力 §-2 に示し、仮定荷重として、固定荷重、積雪荷重、風荷重、地震荷重、を考えた。解析は全体モデルで、各荷重は立体トラスの各節点に集中荷重として作用させ、電子計算機を用いて行なった。

尚、構造設計に当たっては『建築基準法・同施行令』

日本建築学会編『鋼構造設計規準』

『TMトラス標準仕様書 1) 設計規準』に基づいて行った。

§ - 2 使用材料と許容応力度

2 - 1 使用材料

使用部	仕 様	JIS 規格記号	名 称	摘 要
鋼 材	SS400	JIS - G3101	一般構造用圧延鋼材	
パイプ	STK400	JIS - G3444	一般構造用炭素鋼鋼管	
スリーブ	SS400	JIS - G3101	一般構造用圧延鋼材	
ボルト	9T:SCM 435 :SNCM439	JIS - G4105 JIS - G4103	クロムモリブデン鋼鋼材 ニッケルクロムモリブデン鋼鋼材	M12~M36 M42~M56
	9T:SNCM439 相当	JIS - G4103	ニッケルクロムモリブデン鋼鋼材	M60~M76
ワッパ	7T:S45C	JIS - G4051	機械構造用炭素鋼鋼材	
打込ピン	SUS304WPB	JIS - G4314	ばね用ステンレス 鋼線	M12~M36
	SCM435	JIS - G4105	クロムモリブデン鋼鋼材	M42~M76
グローブ	5T:S45C	JIS - G4051	機械構造用炭素鋼鋼材	
	5T:SM490A 相当品	JIS - G3106 相当品	溶接構造用圧延鋼材	
	9T:SCM435 SCM440	JIS - G4105	クロムモリブデン鋼鋼材	
	Ⓐ:SCM435 (6T)SCM440	JIS - G4105	クロムモリブデン鋼鋼材	

ⒶはSCM材を7ニリングしたものを示す

2 - 2 鋼材の許容応力度 (t/cm²)

構造用鋼材の許容応力度は、日本建築学会編「鋼構造設計規準」に基づいて定める。

鋼 材	許容応力度を決定する場合の基準値 (下の値)	
SS400	t ≤ 40mm	t > 40mm
STK400	2.4	2.2

2 - 3 溶接の許容応力度 (t/cm²) (基準強度 F = 2.4t/cm²)

鋼 材	継目の型式	長 期				短 期
		引張	圧縮	曲げ	せん断	
SS400	I	突合せ	—	—	—	それぞ れ長期 の値の 1.5 倍 した値
		すみ肉	—	—	—	
	II	突合せ	0.9F/1.5		0.9F (1.5√3)	
		すみ肉	0.9F/(1.5√3)			

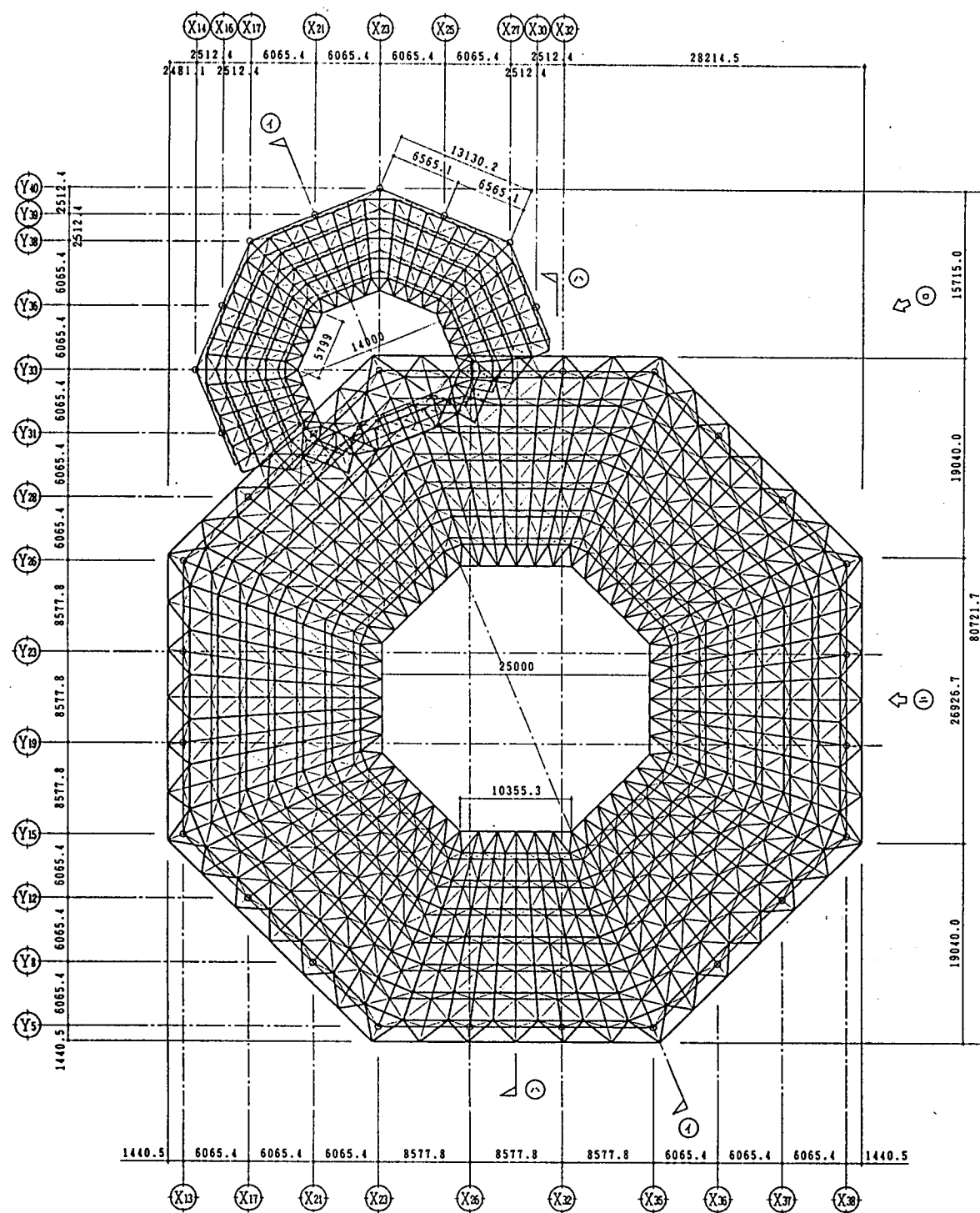
2 - 4 ボルトの許容応力

種別	強度	許容引張応力 (t)	
		長 期	短 期
M12	9T	2.21	3.31
M16	9T	4.66	6.99
M20	9T	7.28	10.92
M24	9T	10.48	15.72
M27	9T	13.74	20.61
M30	9T	16.33	24.49
M36	9T	24.42	36.63
M42	9T	32.40	48.60
M48	9T	42.66	63.99
M56	9T	59.02	88.53
M60	9T	87.64	131.46
M68	9T	112.59	168.89
M76	9T	140.62	210.93

2 - 5 ワッパの許容応力

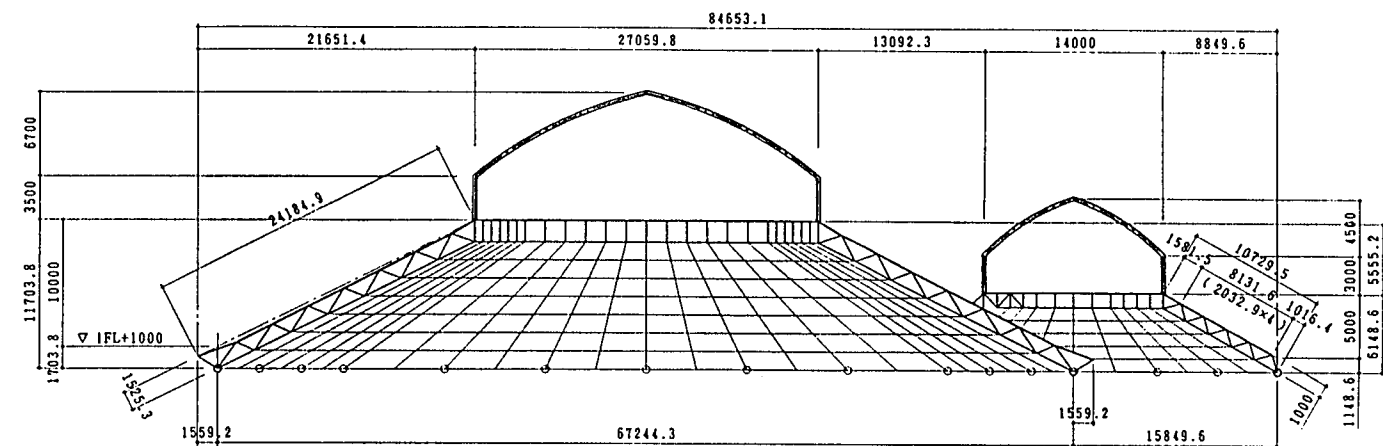
種 別			強度	許容圧縮応力 (t)	
				長 期	短 期
M12	SW 19	7T		3.00	4.50
M16	SW 24	7T		6.59	9.89
M20	SW 30	7T		10.89	16.33
M24	SW 38	7T		18.71	28.06
M27	SW 41	7T		21.98	32.97
M30	SW 46	7T		28.58	42.87
M36	SW 55	7T		41.38	62.07
M42	SW 70	7T		67.90	101.85
M48	SW 80	7T		88.27	132.41
M56	SW 90	7T		104.72	157.00
M60	SW 95	7T		118.65	177.97
M68	SW110	7T		157.34	236.01
M76	SW120	7T		196.44	294.66

8-3 構造略図

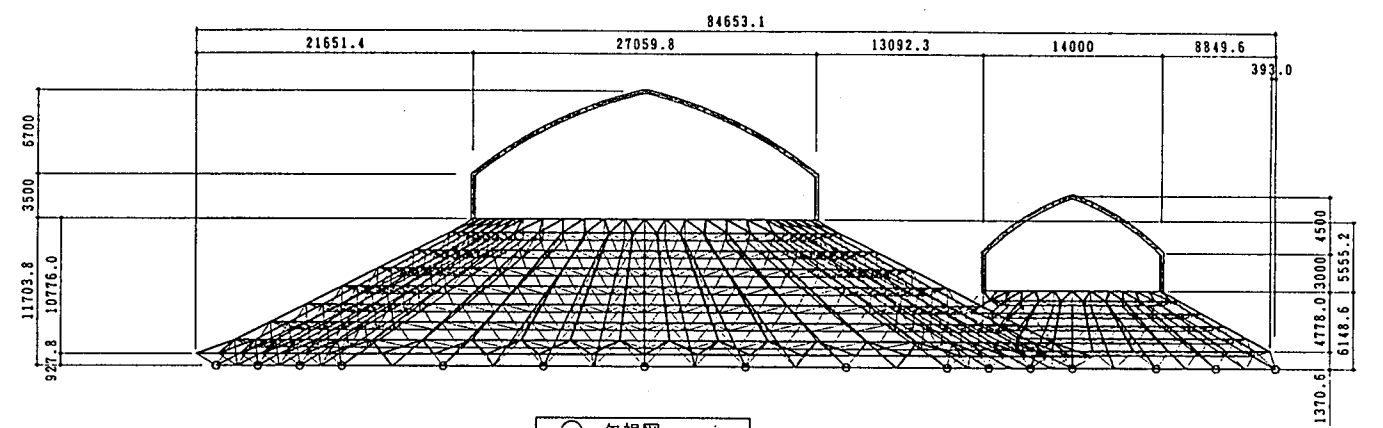


トラス伏図

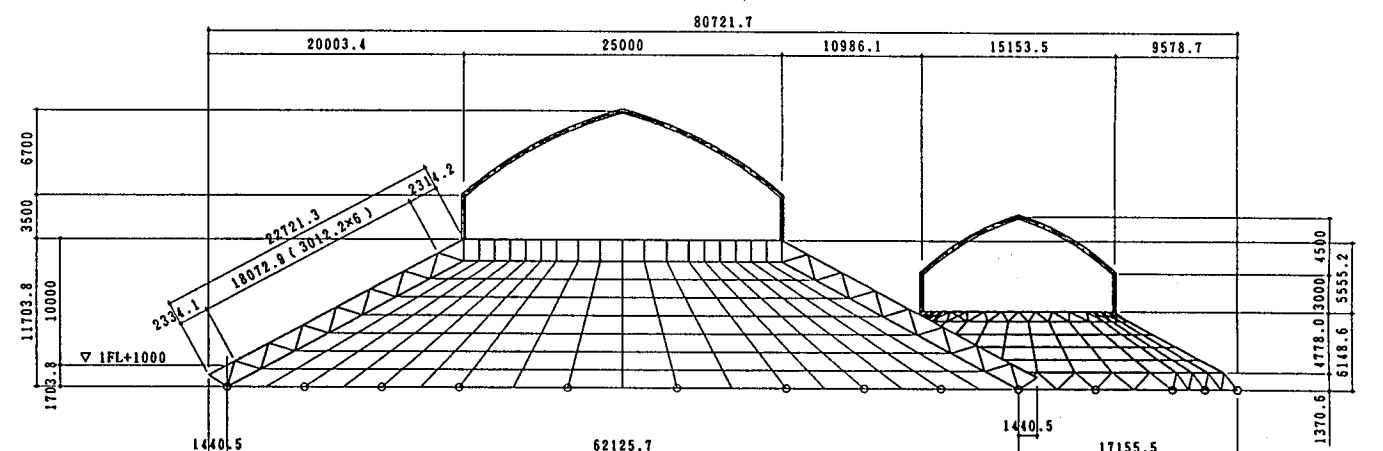
特記
全てのトラスの寸法はパイプ寸法とする。
○印は実寸法を示す。



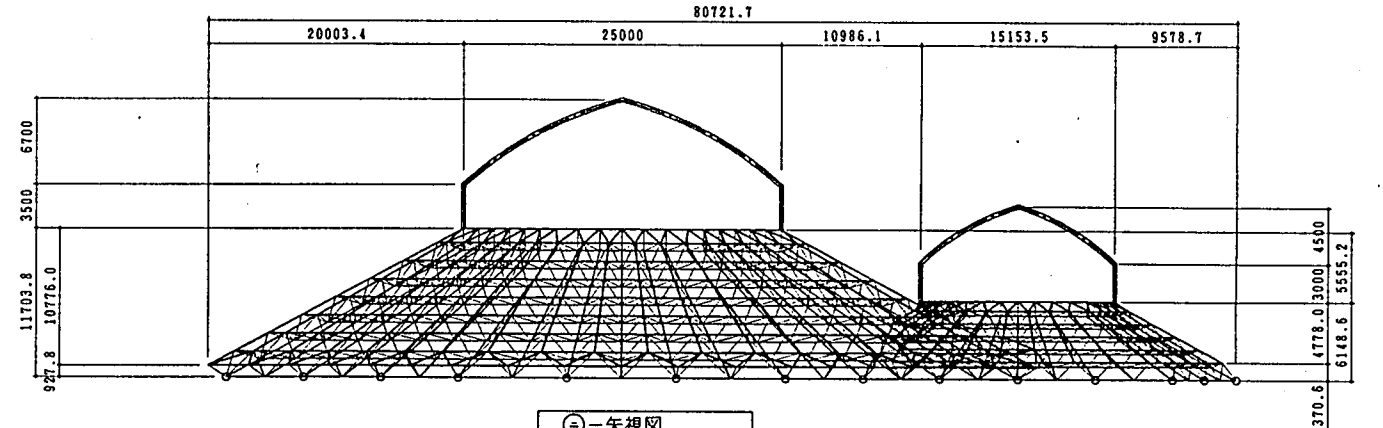
1-1 断面図



2-2 矢視図



3-3 断面図



4-4 矢視図

§-4. 仮定荷重

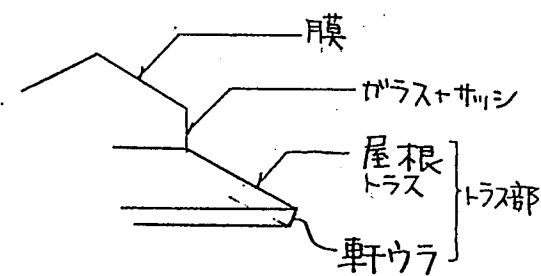
4-1. 固定荷重 (D.L)

① 屋根 (折版円筒葺)	25 kg/m ²
母屋	20 "
鉄骨トラス	45 "
その他	10 "
	100 kg/m ²

② 軒ウラ 50 kg/m²

③ トップライト部

膜 + 鉄骨	60 kg/m ²
ガラス + サッシ	70 kg/m ²



4-2. 積雪荷重 (S.L)

$$30 \text{ cm} \times 2 \text{ kg/m}^2/\text{cm} = 60 \text{ kg/m}^2$$

4-3. 風荷重 (W.L)

< 速度圧 >

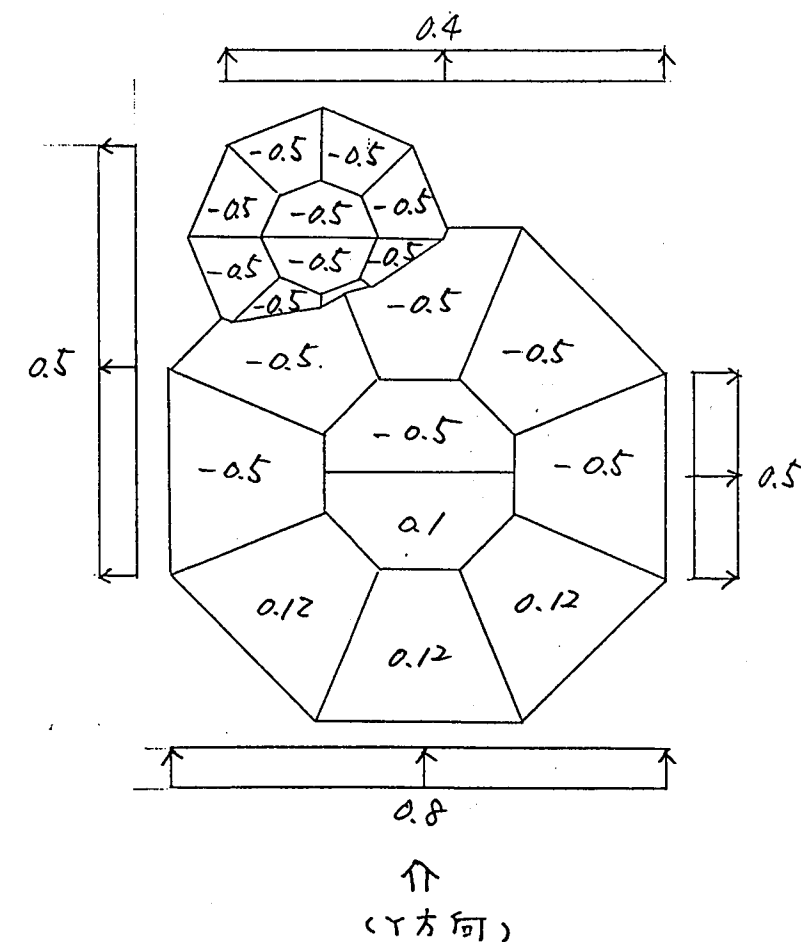
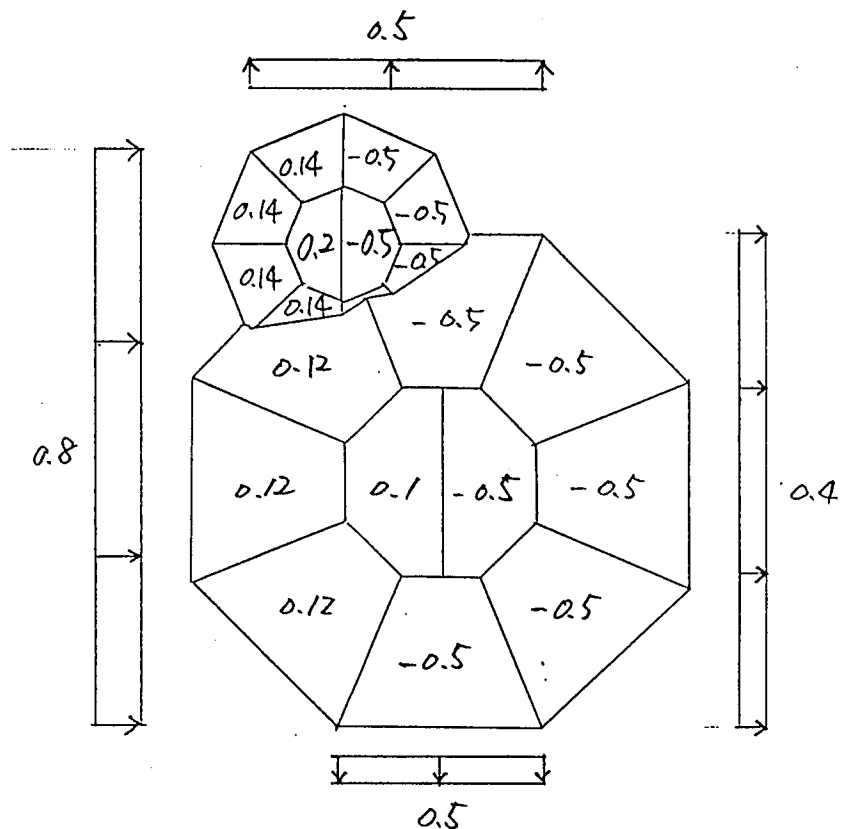
$$\text{トップライト} \quad q = 120 \sqrt{30.5} = 282 \text{ kg/m}^2$$

$$\text{鉄骨トラス} \quad q = 120 \sqrt{20.3} = 255 \text{ "}$$

$$\text{軒ウラ} \quad q = 60 \sqrt{10.3} = 195 \text{ "}$$

< 風力係数 >

⇒
(×方向)



4-4. 地震荷重 (K.L)

$C_i = 0.3$ (水平)

1.0 G (鉛直)

4-5. 電算解析用組合せ荷重ケース

Case 1: D.L (常時) ——— 長期

2: S.L

3: W.L (X)

4: W.L (Y)

5: K.L (X)

6: K.L (Y)

7: K.L (-Z)

8: D.L + S.L

9: D.L + W.L (X)

10: D.L + W.L (Y)

11: D.L + K.L (X)

12: D.L + K.L (Y)

13: D.L + K.L (-Z)

(積雪時)

(暴風時)

(")

(地震時)

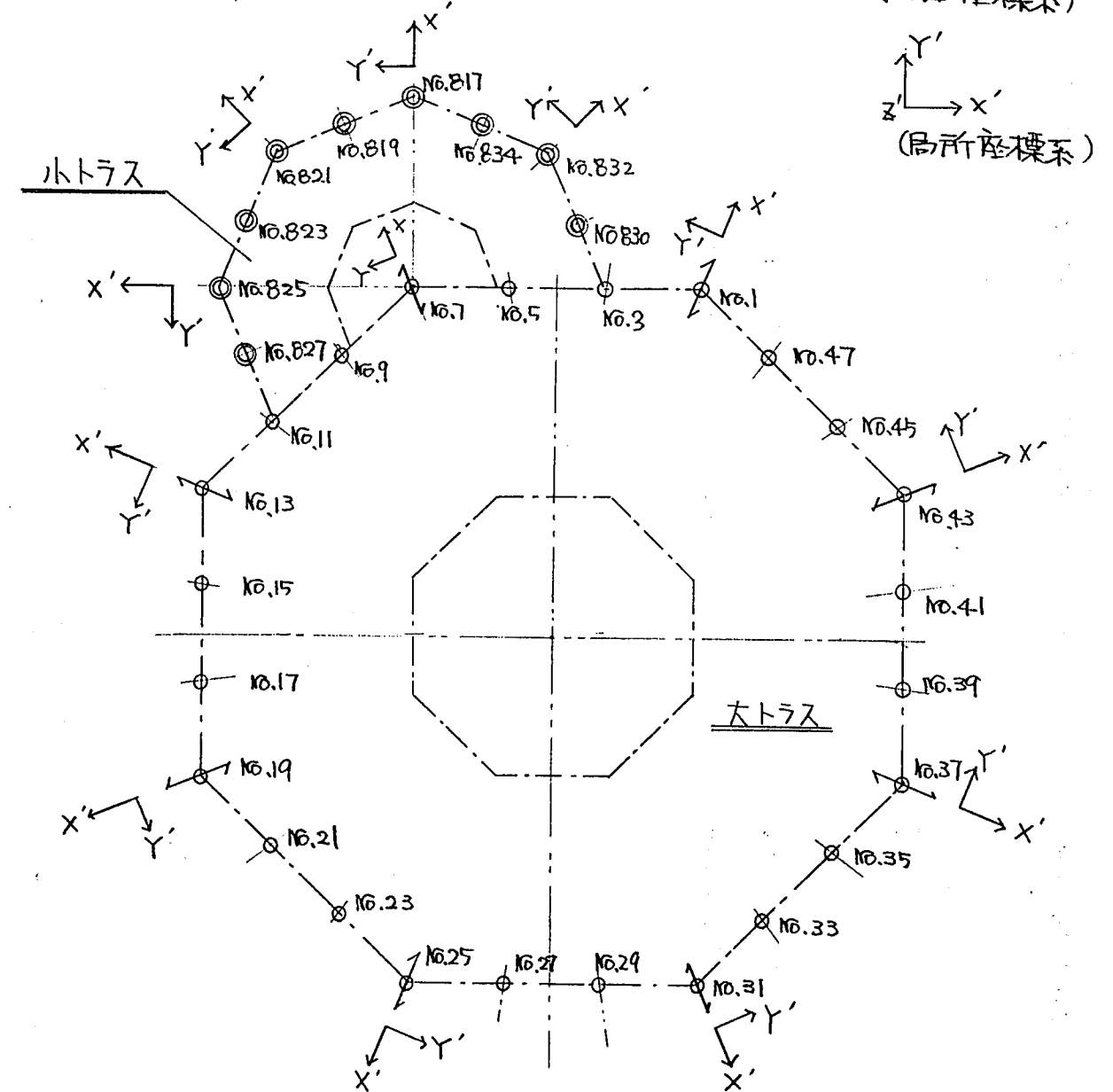
(")

(")

短期

4-6. 境界条件

- ・ 数字は節点番号を示す
- ・ 支承は全て局所座標系で示す
- ・ ○EP: 大トラス支承
- ・ ⊙EP: 小トラス支承



境界条件

<大トラス>

○EP: X'方向ローラー, Y', Z方向ピン

○EP: X', Y'方向ローラー, Z方向ピン

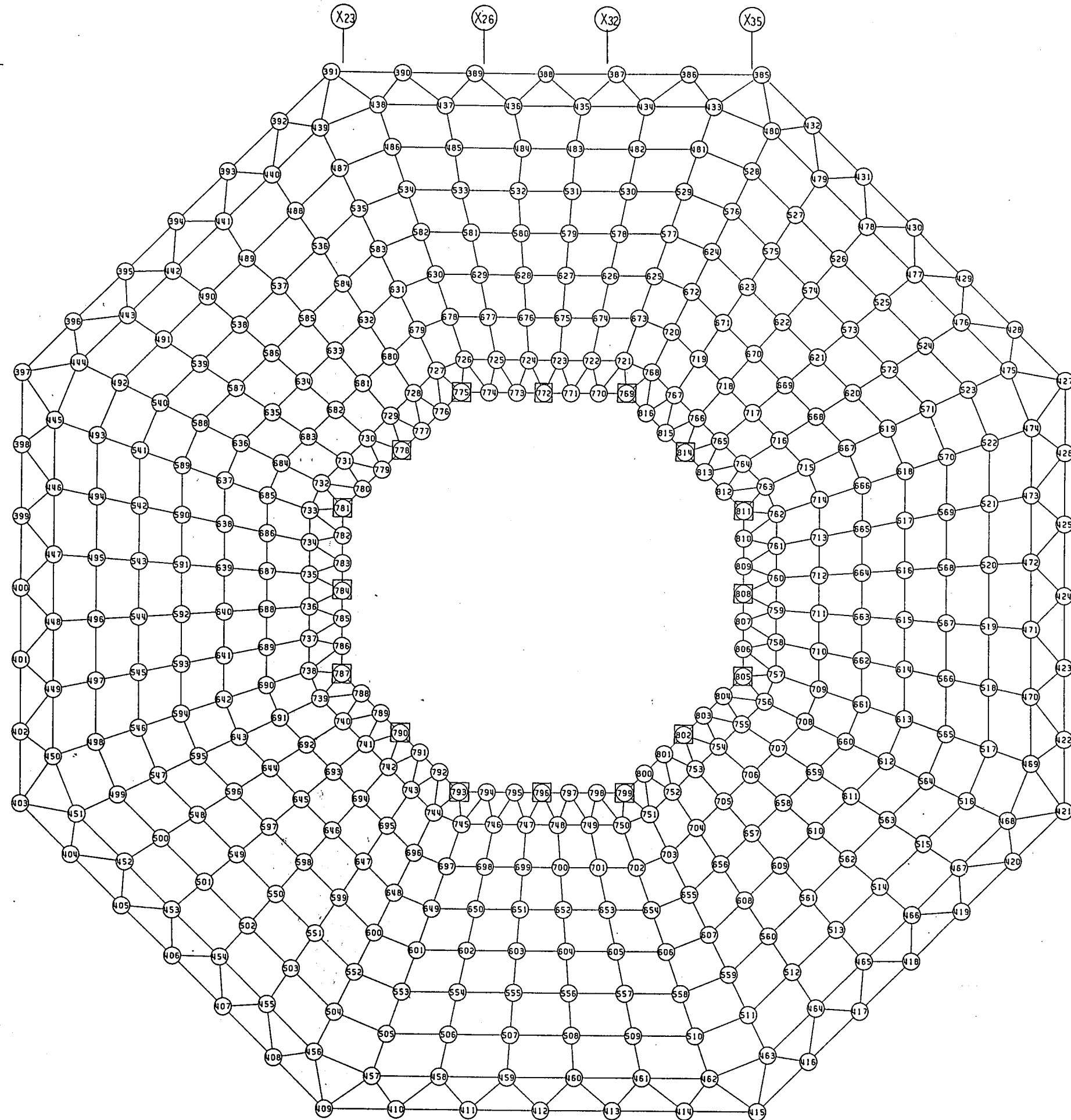
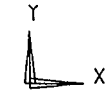
<小トラス>

⊙EP: X', Y'方向ローラー, Z方向ピン

8-5. 鉄骨トラスの設計

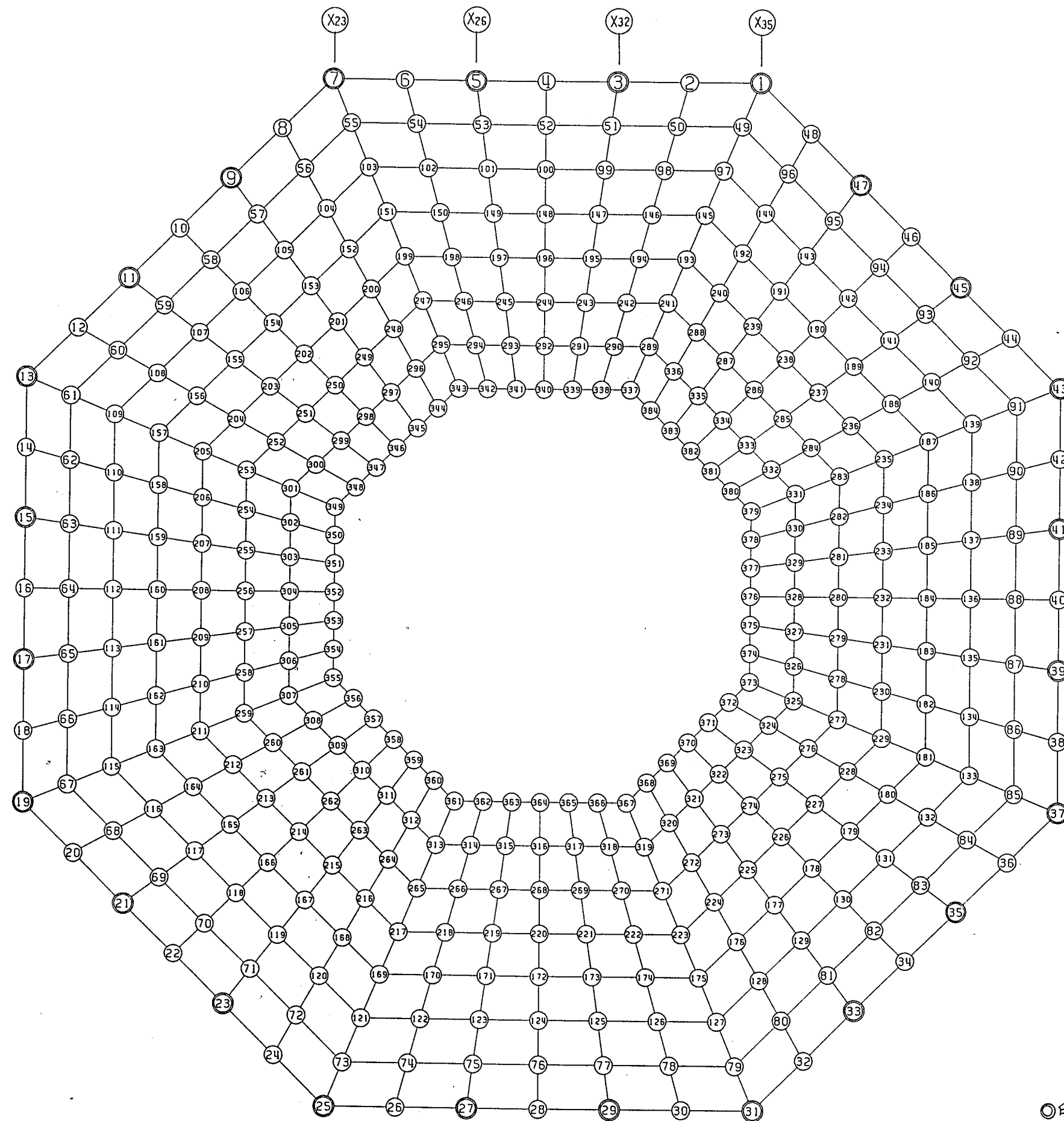
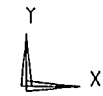
5-1. 構造モデル

〈大トラス 節点番号図〉



上弦材

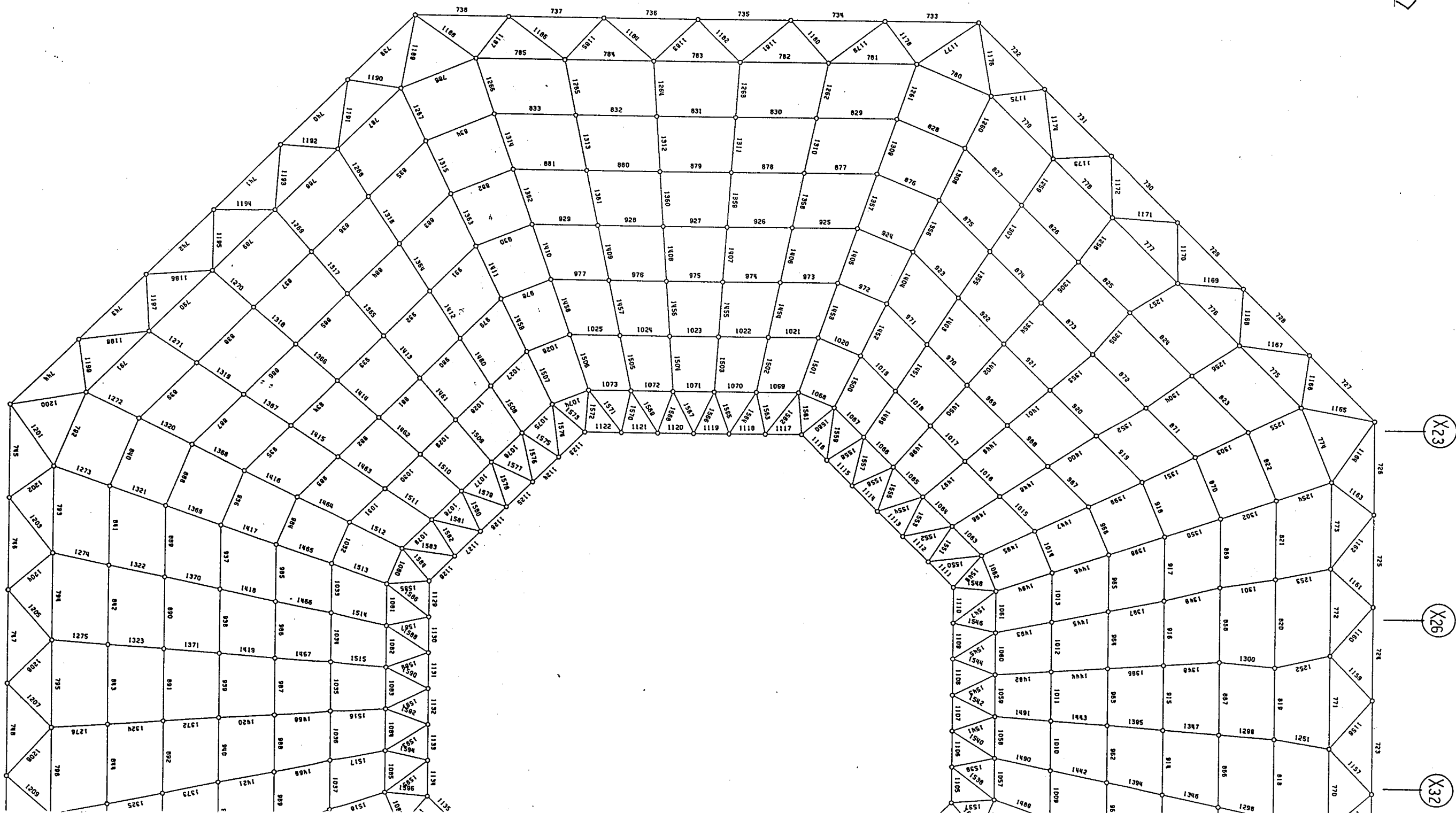
□印は、トップライト柱受け部を示す



○印は、反力部を示す。

下弦材

＜大トラス 部材番号図＞

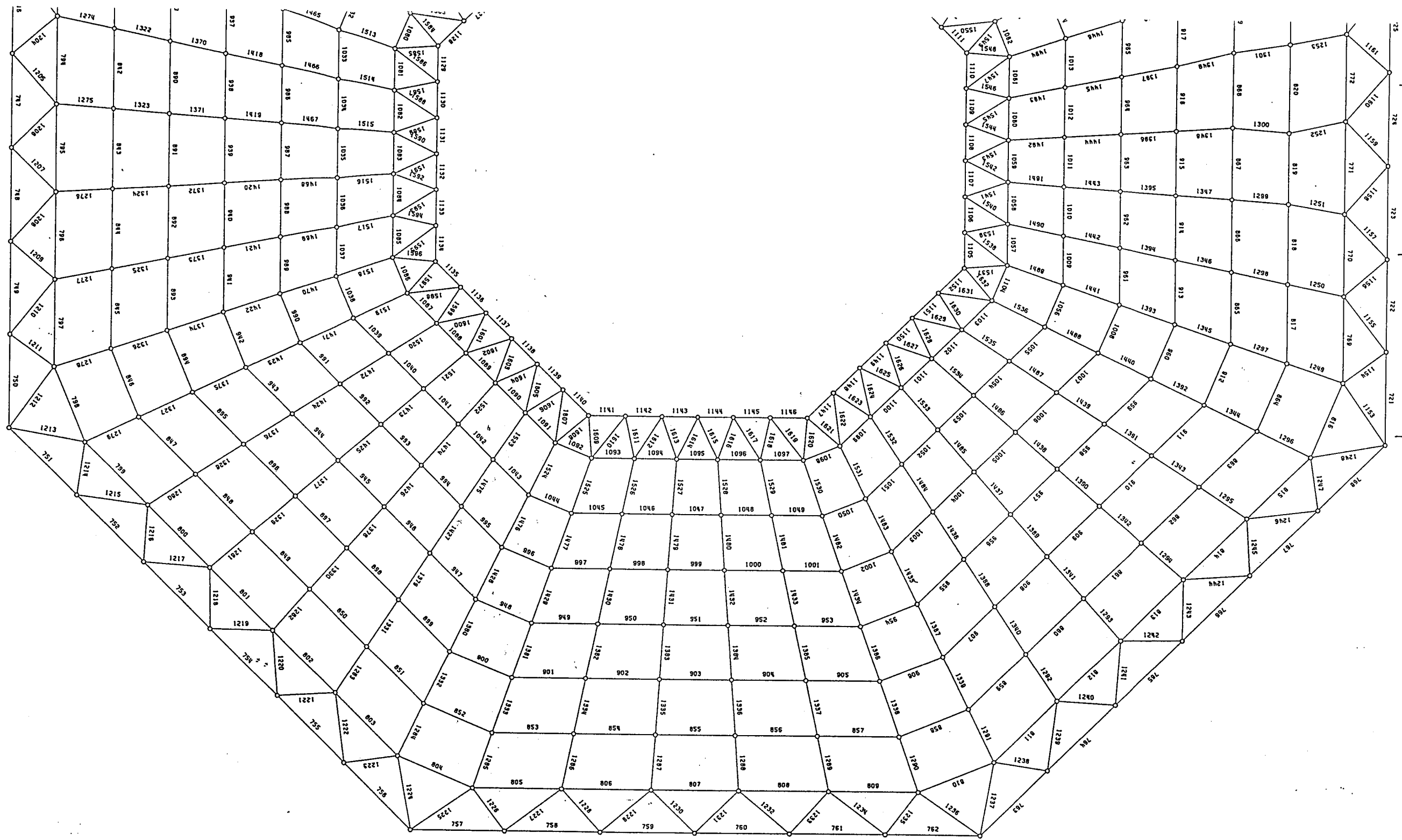
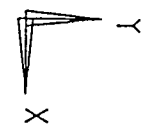


上弦材

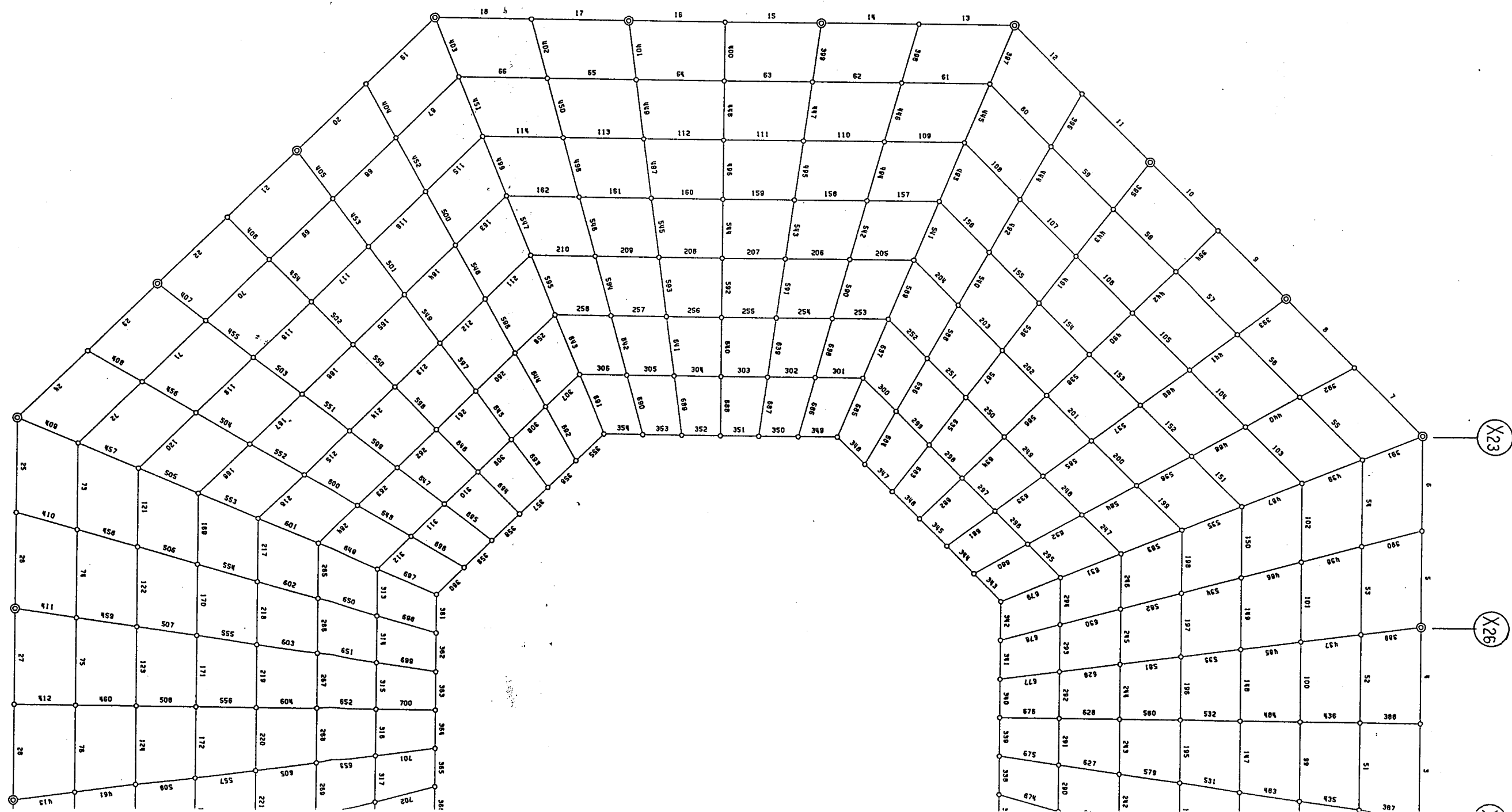
X26

X32

X35



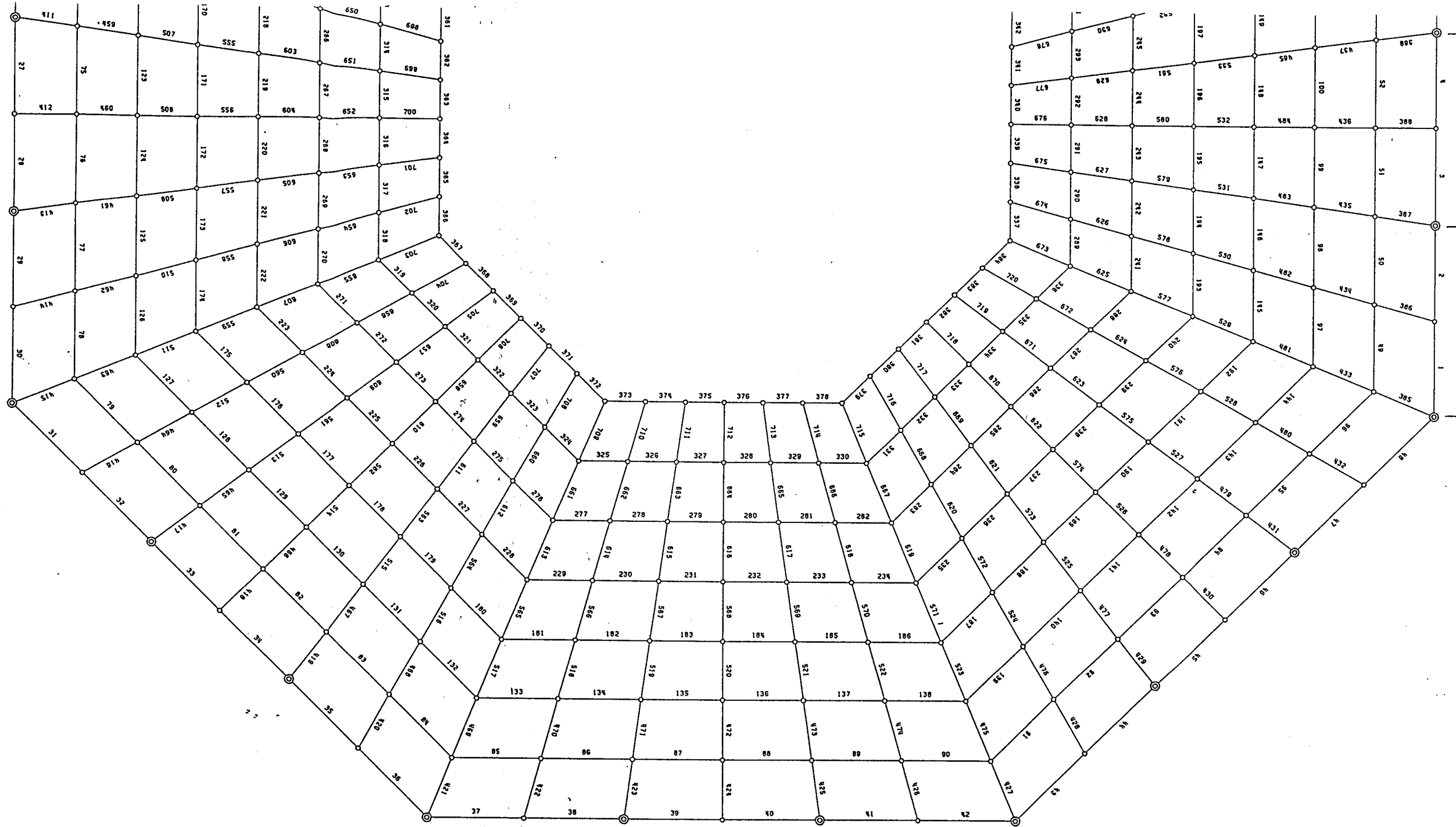
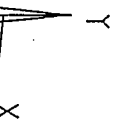
上弦材



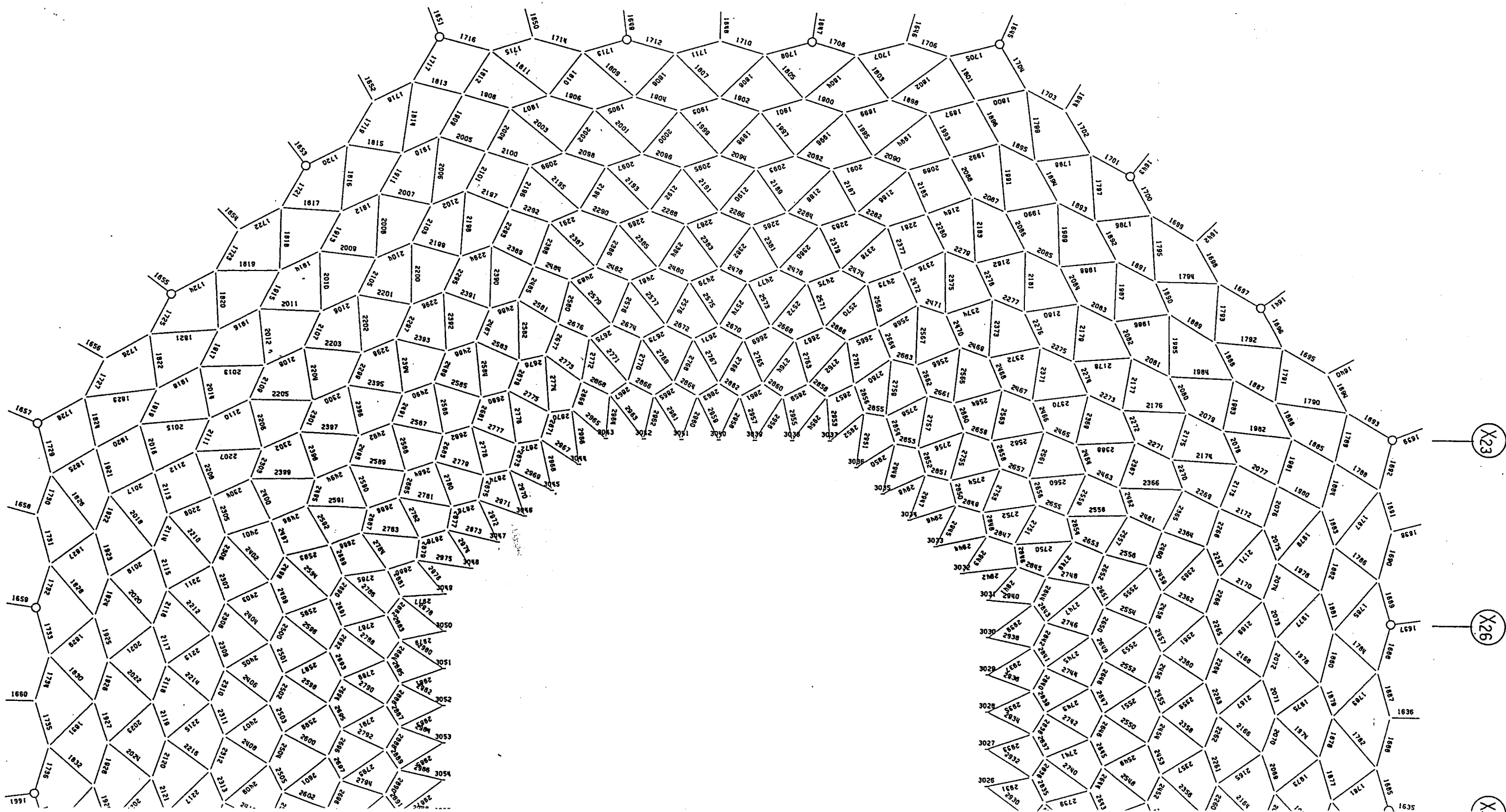
X36

X32

X35



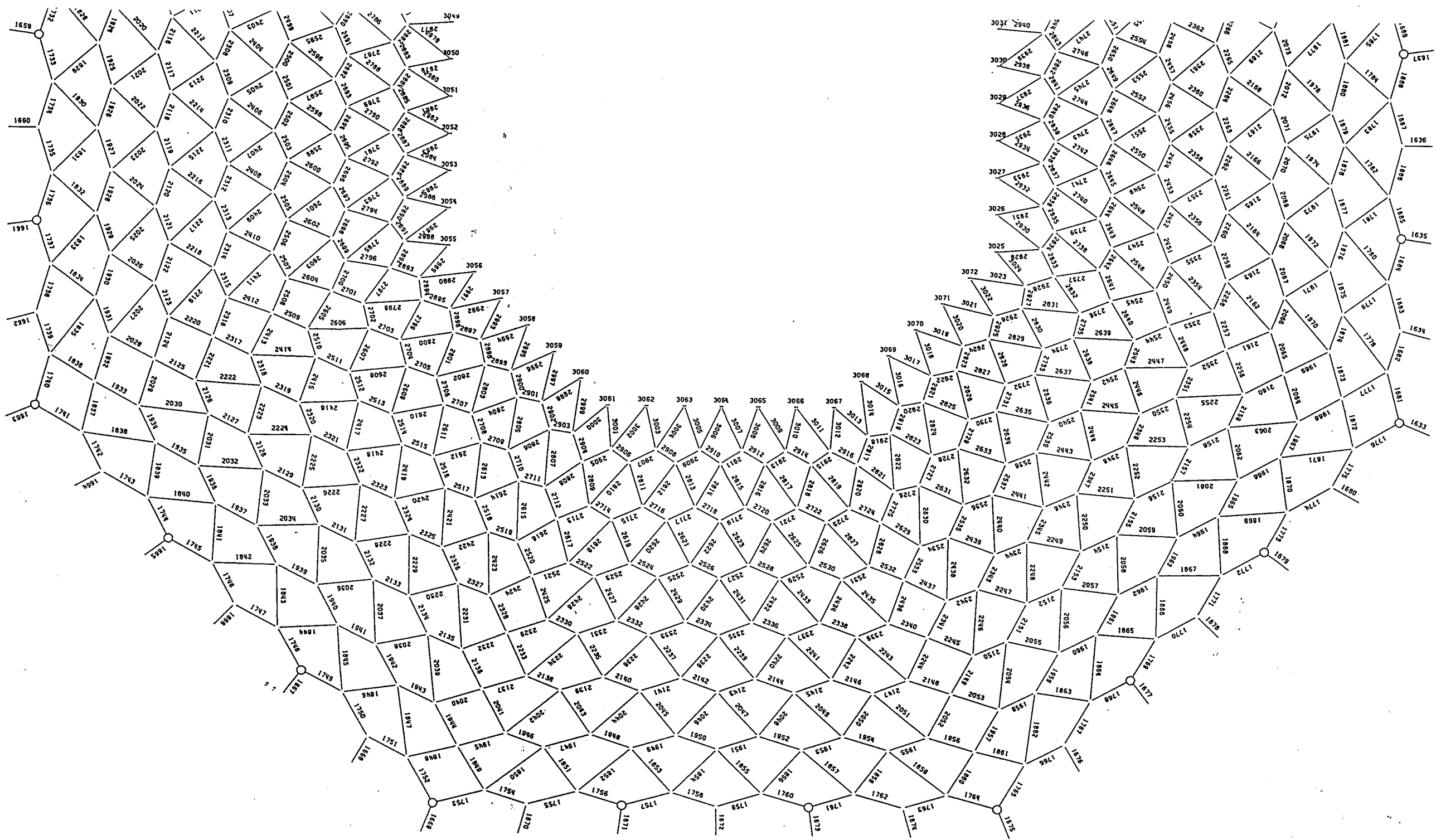
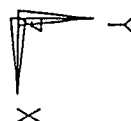
下弦材



X26

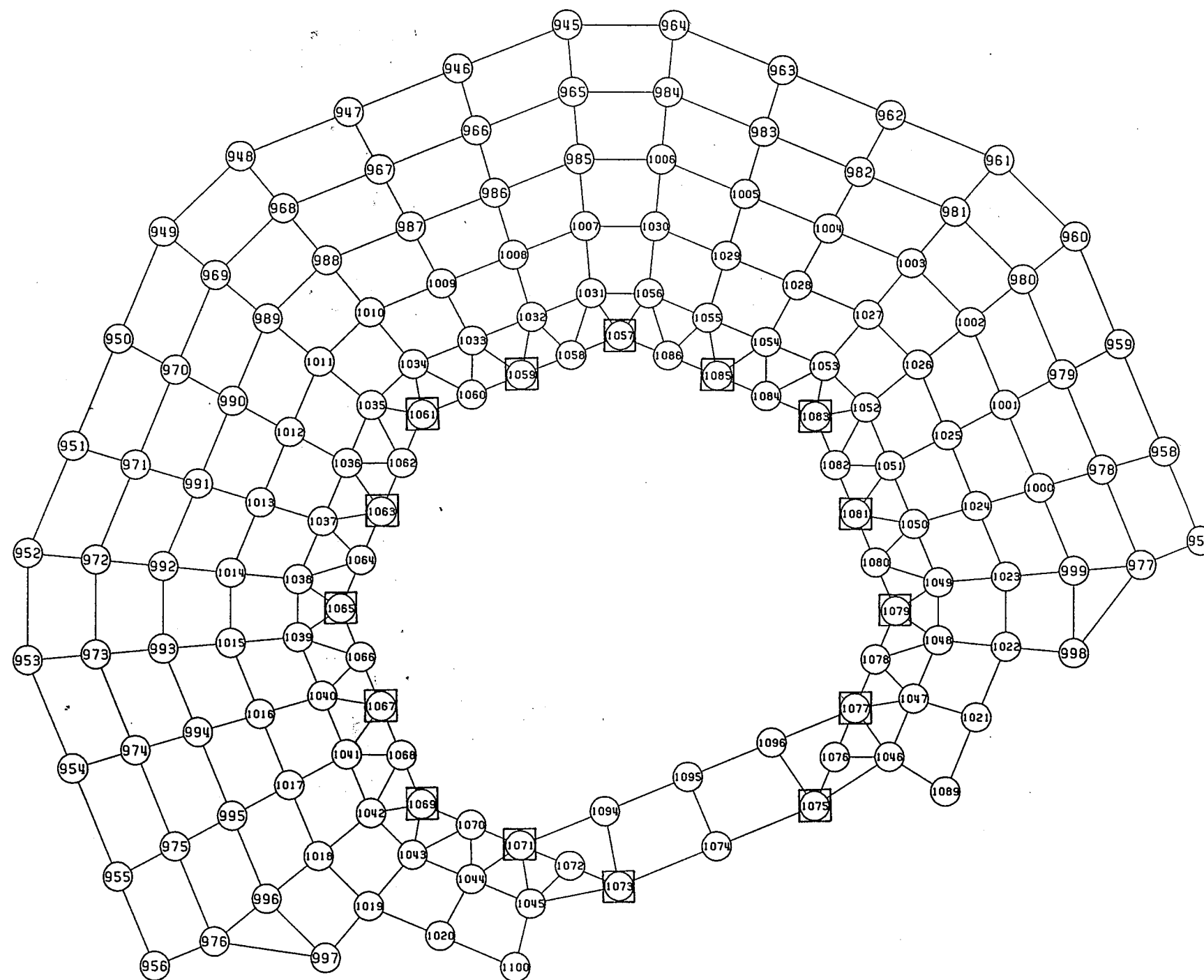
X32

X35



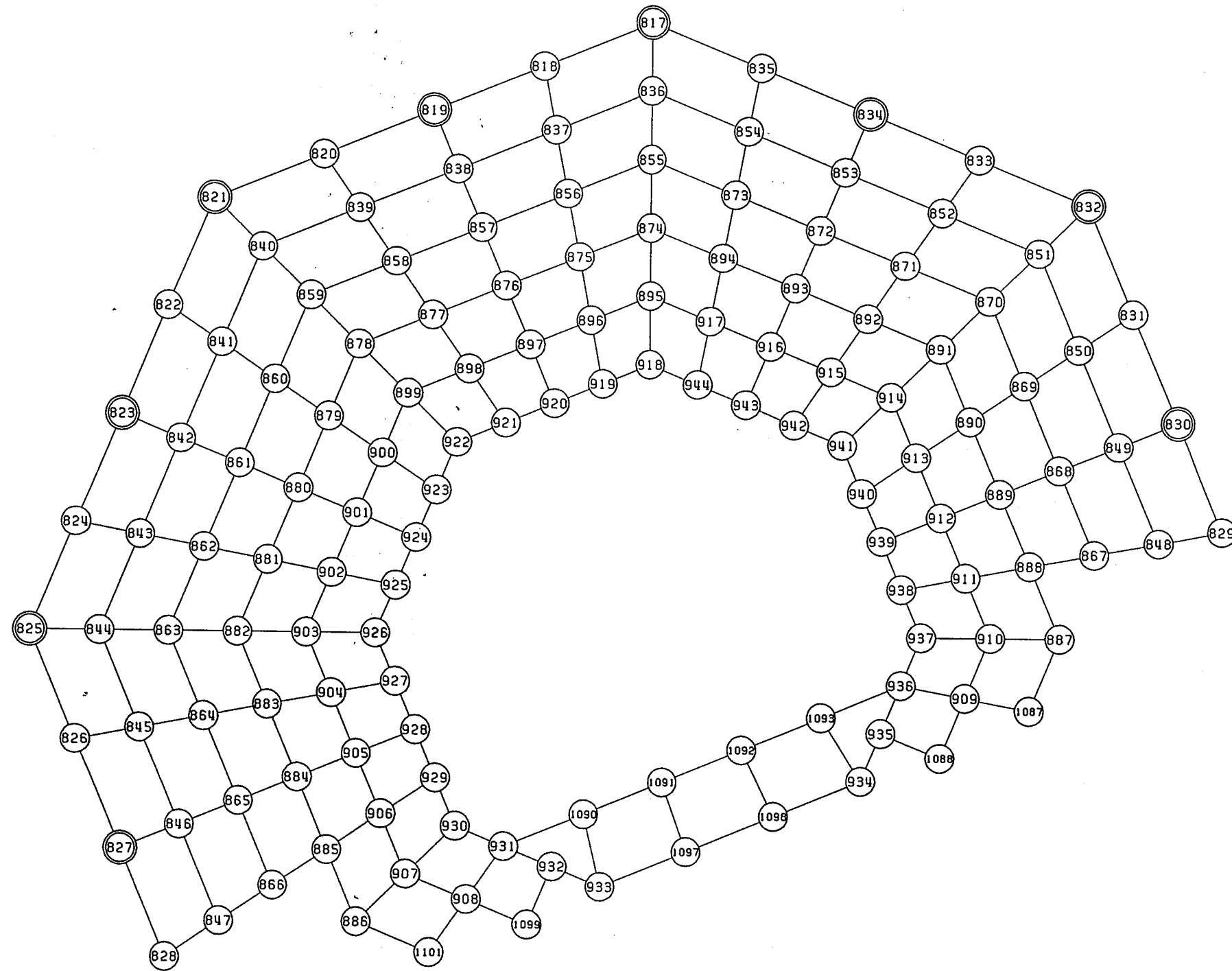
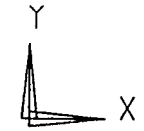
斜材

○印は、支承部を示す。



上弦材

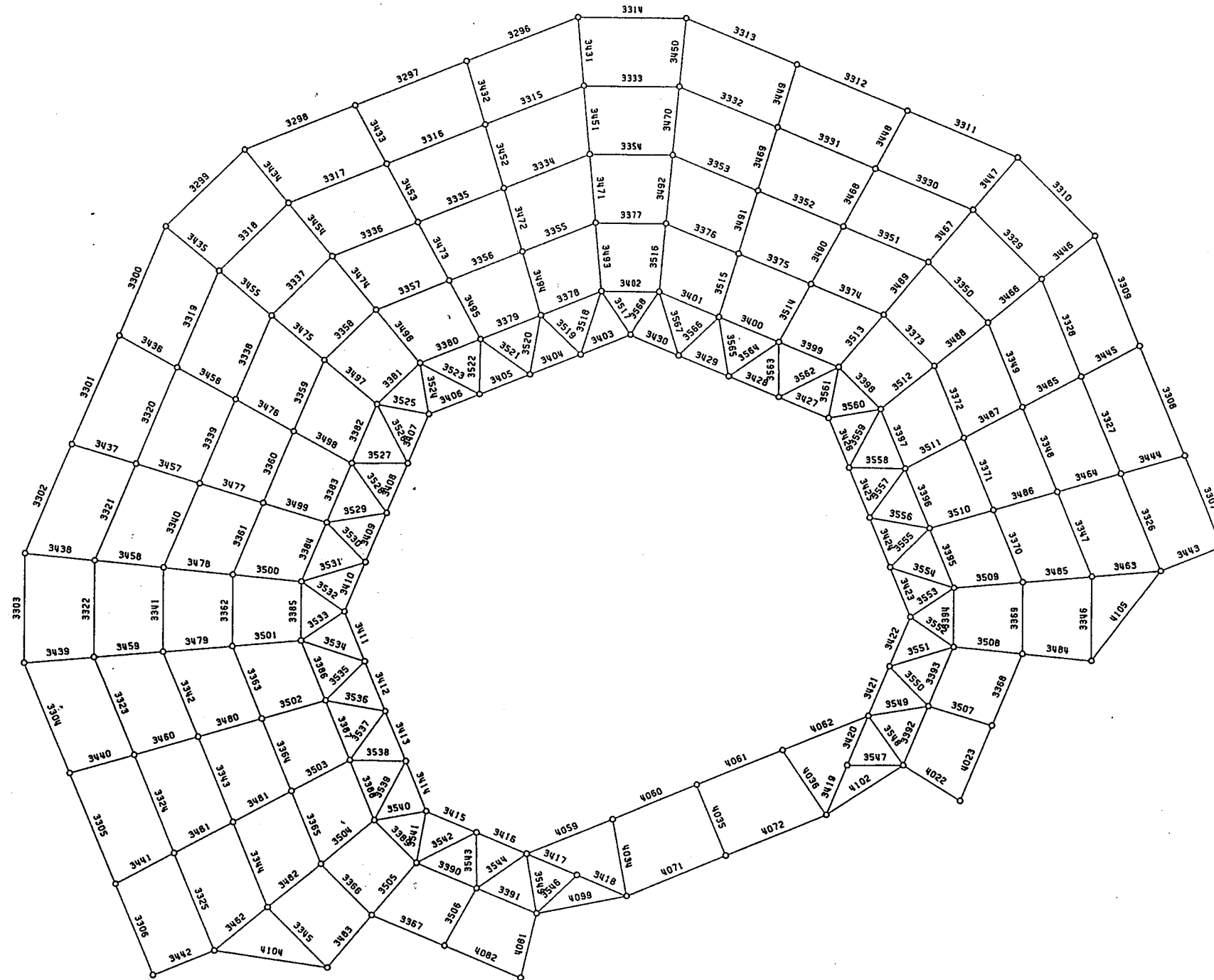
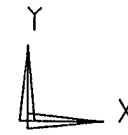
N0. [S-B0T]



下弦材

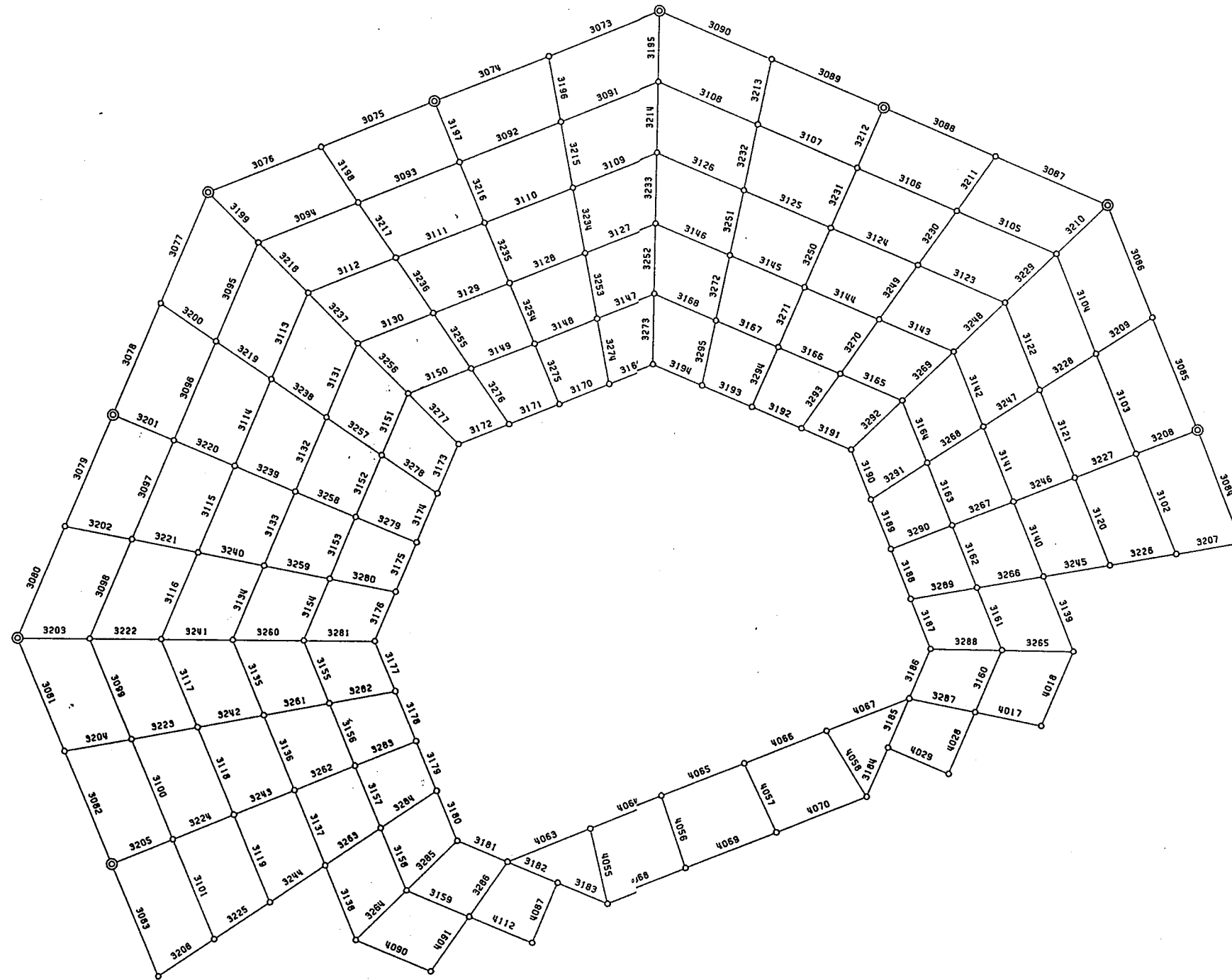
NO. [S-TOP]

<小トラス 部材番号図>

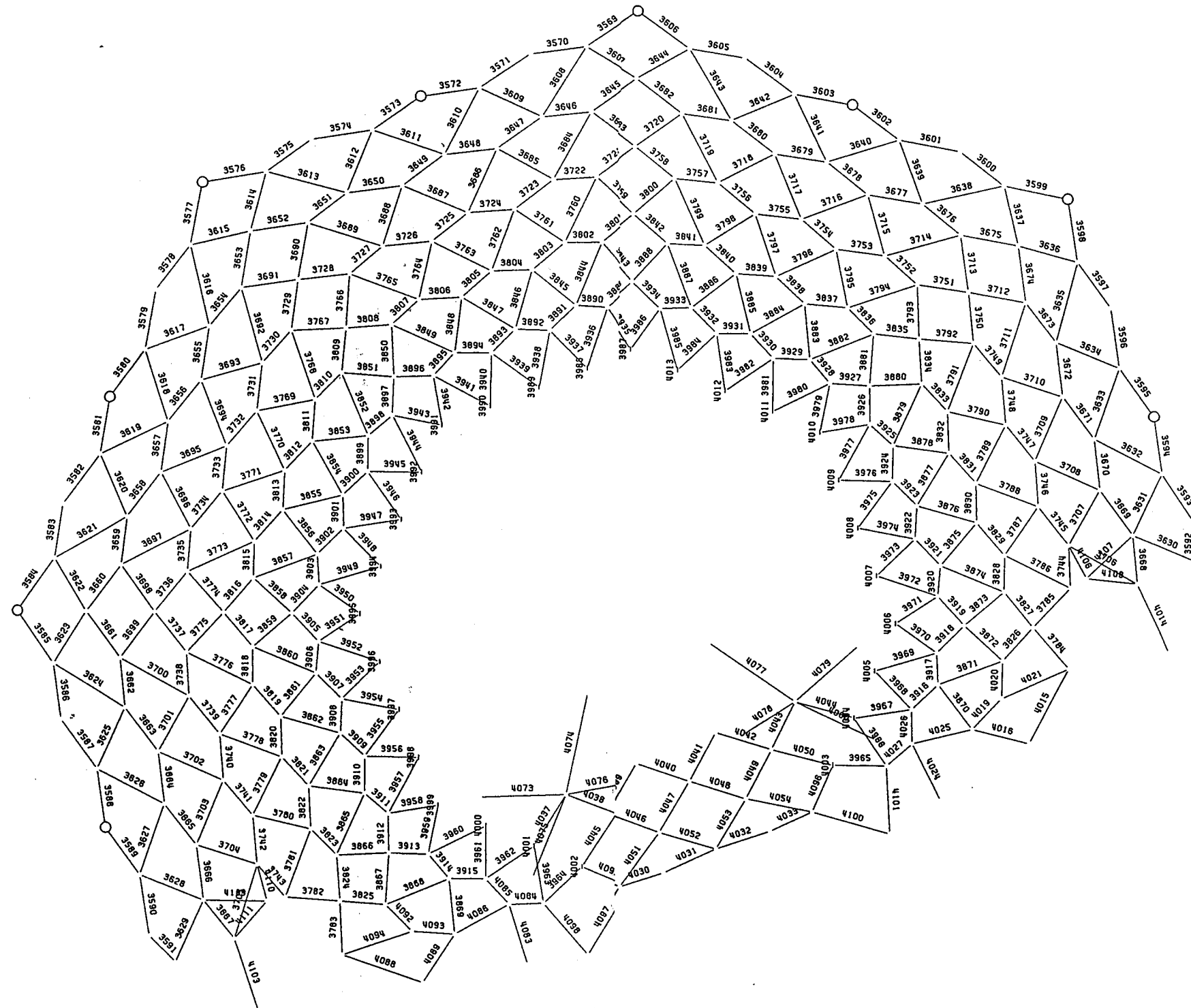


上弦材

NO. [CS-B0T]



弦材



斜寸

5-2. 節点荷重

LOAD CASE 1 固定荷重
 TOTAL X-LOAD= 0.000 Y-LOAD= 0.000 Z-LOAD= -499.658 UNIT: TON
 (トラス部)

NO	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.934	-0.889	-0.880	-0.898	-0.889	-0.889	-0.934	-0.889	-0.889	-0.898	-0.880	-0.889	-0.934	-0.889	-0.889
NO	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.889	-0.889	-0.889	-0.934	-0.889	-0.889	-0.889	-0.889	-0.889	-0.934	-0.889	-0.889	-0.889	-0.889	-0.889
NO	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.934	-0.889	-0.889	-0.889	-0.889	-0.889	-0.934	-0.889	-0.889	-0.889	-0.889	-0.889	-0.934	-0.889	-0.889
NO	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.889	-0.889	-0.889	-1.129	-1.103	-1.373	-1.153	-1.130	-1.129	-1.129	-1.130	-1.153	-1.373	-1.103	-1.129
NO	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.129	-1.127	-1.127	-1.127	-1.127	-1.129	-1.129	-1.127	-1.127	-1.127	-1.127	-1.129	-1.129	-1.127	-1.127
NO	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.127	-1.127	-1.129	-1.129	-1.127	-1.127	-1.127	-1.127	-1.129	-1.129	-1.127	-1.127	-1.127	-1.127	-1.129
NO	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.129	-1.127	-1.127	-1.127	-1.127	-1.129	-1.139	-1.151	-1.110	-1.408	-1.208	-1.138	-1.138	-1.208	-1.408
NO	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.100	-1.151	-1.139	-1.139	-1.154	-1.154	-1.154	-1.154	-1.139	-1.139	-1.154	-1.154	-1.154	-1.154	-1.139
NO	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.139	-1.154	-1.154	-1.154	-1.154	-1.139	-1.139	-1.154	-1.114	-1.154	-1.154	-1.139	-1.139	-1.154	-1.154

LOAD CASE 1

NO	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.154	-1.154	-1.139	-1.139	-1.154	-1.154	-1.154	-1.154	-1.139	-1.031	-1.044	-1.039	-1.060	-1.298	-1.015
NO	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.015	-1.298	-1.060	-1.039	-1.044	-1.031	-1.031	-1.044	-1.044	-1.044	-1.044	-1.031	-1.031	-1.044	-1.044
NO	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.044	-1.044	-1.031	-1.031	-1.044	-1.044	-1.044	-1.044	-1.031	-1.031	-1.044	-1.044	-1.044	-1.044	-1.031
NO	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.031	-1.044	-1.044	-1.044	-1.044	-1.031	-1.031	-1.044	-1.044	-1.044	-1.044	-1.031	-0.923	-0.933	-0.933
NO	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.934	-0.935	-0.921	-0.921	-0.935	-0.934	-0.933	-0.933	-0.923	-0.923	-0.933	-0.933	-0.933	-0.933	-0.923
NO	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.923	-0.933	-0.933	-0.933	-0.933	-0.923	-0.923	-0.933	-0.933	-0.933	-0.933	-0.923	-0.923	-0.933	-0.933
NO	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.933	-0.933	-0.923	-0.923	-0.933	-0.933	-0.933	-0.933	-0.923	-0.923	-0.933	-0.933	-0.933	-0.933	-0.923
NO	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.815	-0.823	-0.823	-0.823	-0.823	-0.815	-0.815	-0.823	-0.823	-0.823	-0.823	-0.815	-0.815	-0.823	-0.823
NO	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.823	-0.823	-0.815	-0.815	-0.823	-0.823	-0.823	-0.823	-0.815	-0.815	-0.823	-0.823	-0.823	-0.823	-0.815

LOAD CASE 1

NO	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.815	-0.823	-0.823	-0.823	-0.823	-0.815	-0.815	-0.823	-0.823	-0.823	-0.823	-0.815	-0.815	-0.823	-0.823
NO	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.823	-0.823	-0.815	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707
NO	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707	-0.707	-0.712	-0.712
NO	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.712	-0.712	-0.707	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707
NO	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707	-0.537	-0.536	-0.535	-0.535	-0.536	-0.537	-0.537	-0.536	-0.535
NO	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.535	-0.536	-0.537	-0.537	-0.536	-0.535	-0.535	-0.536	-0.537	-0.537	-0.536	-0.535	-0.535	-0.536	-0.537
NO	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.537	-0.536	-0.535	-0.535	-0.536	-0.537	-0.537	-0.536	-0.535	-0.535	-0.536	-0.537	-0.537	-0.536	-0.535
NO	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.535	-0.536	-0.537	-0.537	-0.536	-0.535	-0.535	-0.536	-0.537	-0.199	-0.211	-0.211	-0.211	-0.211	-0.211
NO	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.199	-0.211	-0.211	-0.211	-0.211	-0.211	-0.199	-0.211	-0.211	-0.211	-0.211	-0.211	-0.199	-0.211	-0.211

LOAD CASE 1

NO	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.211	-0.211	-0.211	-0.199	-0.211	-0.211	-0.211	-0.211	-0.211	-0.199	-0.211	-0.211	-0.211	-0.211	-0.211
NO	805	806	807	808	809	810	811	812	813	814	815	816	945	946	947
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.199	-0.211	-0.211	-0.211	-0.211	-0.211	-0.199	-0.211	-0.211	-0.211	-0.211	-0.211	-0.643	-0.643	-0.643
NO	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643
NO	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.643	-0.643	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447
NO	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447
NO	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.447	-0.447	-0.447	-0.250	-0.250	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447
NO	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.250	-0.250	-0.250	-0.250
NO	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447
NO	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.447	-0.447	-0.447	-0.447	-0.250	-0.250	-0.250	-0.250	-0.250	-0.250	-0.447	-0.447	-0.447	-0.447

LOAD CASE 1

NO	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.447	-0.447	-0.447	-0.894	-0.447	-0.447	-0.447	-0.894	-0.447	-0.447	-0.447	-0.894	-0.447	-0.447
NO	1068	1069	1070	1071	1072	1073	1075	1076	1077	1078	1079	1080	1081	1082	1083
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.697	-0.250	-0.250	-0.250	-0.250	-0.250	-0.250	-0.250	-0.250	-0.697	-0.447	-0.447	-0.447	-0.894
NO	1084	1085	1086	1089	1100										
X.	0.000	0.000	0.000	0.000	0.000										
Y.	0.000	0.000	0.000	0.000	0.000										
Z.	-0.447	-0.447	-0.447	-0.250	-0.250										

LOAD CASE 1
 < トップライト部 >

NO	769	772	775	778	781	784	787	790	793	796	799	802	805	808	811
X.	0.040	0.000	-0.040	-0.173	-0.098	-0.245	-0.098	-0.173	-0.040	0.000	0.040	0.173	0.098	0.245	0.098
Y.	0.098	0.245	0.098	0.173	0.040	0.000	-0.040	-0.173	-0.098	-0.245	-0.098	-0.173	-0.040	0.000	0.040
Z.	-3.788	-3.183	-3.788	-3.183	-3.788	-3.183	-3.788	-3.183	-3.788	-3.183	-3.788	-3.183	-3.788	-3.183	-3.788
NO	814	1057	1059	1061	1063	1065	1067	1069	1071	1073	1074	1075	1077	1079	1081
X.	0.173	0.000	-0.013	-0.014	-0.031	-0.020	-0.031	-0.014	-0.013	0.000	0.013	0.014	0.031	0.020	0.031
Y.	0.173	0.020	0.031	0.014	0.013	0.000	-0.013	-0.014	-0.031	-0.020	-0.031	-0.014	-0.013	0.000	0.013
Z.	-3.183	-1.435	-1.129	-1.435	-1.129	-1.435	-1.129	-1.435	-1.129	-1.435	-1.129	-1.435	-1.129	-1.435	-1.129
NO	1083	1085													
X.	0.014	0.013													
Y.	0.014	0.031													
Z.	-1.435	-1.129													

LOAD CASE 2 積雪荷重
TOTAL X-LOAD= 0.000 Y-LOAD= 0.000 Z-LOAD= -242.387 UNIT: TON
トラス部

NO	385	386	387	395	396	397	398	399	400	401	402	403	404	405	406
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.302	-0.271	-0.174	-0.174	-0.271	-0.302	-0.271	-0.271	-0.271	-0.271	-0.271	-0.302	-0.271	-0.271	-0.271
NO	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.271	-0.271	-0.302	-0.271	-0.271	-0.271	-0.271	-0.271	-0.302	-0.271	-0.271	-0.271	-0.271	-0.271	-0.302
NO	422	423	424	425	426	427	428	429	430	431	432	433	434	435	442
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.271	-0.271	-0.271	-0.271	-0.271	-0.302	-0.271	-0.271	-0.271	-0.271	-0.271	-0.606	-0.582	-0.467	-0.467
NO	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.582	-0.606	-0.606	-0.595	-0.596	-0.596	-0.595	-0.606	-0.606	-0.595	-0.596	-0.596	-0.595	-0.606	-0.606
NO	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.595	-0.596	-0.596	-0.595	-0.606	-0.606	-0.595	-0.596	-0.596	-0.595	-0.606	-0.606	-0.595	-0.596	-0.596
NO	473	474	475	476	477	478	479	480	481	482	483	484	489	490	491
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.595	-0.606	-0.606	-0.595	-0.596	-0.596	-0.595	-0.606	-0.605	-0.608	-0.524	-0.456	-0.456	-0.524	-0.608
NO	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.605	-0.605	-0.610	-0.610	-0.610	-0.610	-0.605	-0.605	-0.610	-0.610	-0.610	-0.610	-0.605	-0.605	-0.610
NO	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.610	-0.610	-0.610	-0.605	-0.605	-0.610	-0.610	-0.610	-0.610	-0.605	-0.605	-0.610	-0.610	-0.610	-0.610
NO	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.605	-0.605	-0.610	-0.610	-0.610	-0.610	-0.605	-0.548	-0.551	-0.549	-0.505	-0.497	-0.249	-0.249	-0.497

LOAD CASE 2

NO	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.505	-0.549	-0.551	-0.548	-0.548	-0.551	-0.551	-0.551	-0.551	-0.548	-0.548	-0.551	-0.551	-0.551	-0.551
NO	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.548	-0.548	-0.551	-0.551	-0.551	-0.551	-0.548	-0.548	-0.551	-0.551	-0.551	-0.551	-0.548	-0.548	-0.551
NO	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.551	-0.551	-0.551	-0.548	-0.548	-0.551	-0.551	-0.551	-0.551	-0.548	-0.490	-0.493	-0.493	-0.494	-0.494
NO	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.489	-0.489	-0.494	-0.494	-0.493	-0.493	-0.490	-0.490	-0.493	-0.493	-0.493	-0.493	-0.490	-0.490	-0.493
NO	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.493	-0.493	-0.493	-0.490	-0.490	-0.493	-0.493	-0.493	-0.493	-0.490	-0.490	-0.493	-0.493	-0.493	-0.493
NO	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.490	-0.490	-0.493	-0.493	-0.493	-0.493	-0.490	-0.490	-0.493	-0.493	-0.493	-0.493	-0.490	-0.433	-0.435
NO	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.435	-0.435	-0.435	-0.433	-0.433	-0.435	-0.435	-0.435	-0.435	-0.433	-0.433	-0.435	-0.435	-0.435	-0.435
NO	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.433	-0.433	-0.435	-0.435	-0.435	-0.435	-0.433	-0.433	-0.435	-0.435	-0.435	-0.435	-0.433	-0.433	-0.435
NO	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.435	-0.435	-0.435	-0.433	-0.433	-0.435	-0.435	-0.435	-0.435	-0.433	-0.433	-0.435	-0.435	-0.435	-0.435

LOAD CASE 2

NO	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.433	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376
NO	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376
NO	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376	-0.376
NO	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.376	-0.376	-0.376	-0.376	-0.284	-0.283	-0.283	-0.283	-0.283	-0.284	-0.284	-0.283	-0.283	-0.283	-0.283
NO	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.284	-0.284	-0.283	-0.283	-0.283	-0.283	-0.284	-0.284	-0.283	-0.283	-0.283	-0.283	-0.284	-0.284	-0.283
NO	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.283	-0.283	-0.283	-0.284	-0.284	-0.283	-0.283	-0.283	-0.283	-0.284	-0.284	-0.283	-0.283	-0.283	-0.283
NO	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.284	-0.284	-0.283	-0.283	-0.283	-0.283	-0.284	-0.104	-0.111	-0.111	-0.111	-0.111	-0.111	-0.104	-0.111
NO	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.111	-0.111	-0.111	-0.111	-0.104	-0.111	-0.111	-0.111	-0.111	-0.111	-0.104	-0.111	-0.111	-0.111	-0.111
NO	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.111	-0.104	-0.111	-0.111	-0.111	-0.111	-0.111	-0.104	-0.111	-0.111	-0.111	-0.111	-0.111	-0.104	-0.111

LOAD CASE 2

NO	807	808	809	810	811	812	813	814	815	816	945	946	947	948	949
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.111	-0.111	-0.111	-0.111	-0.104	-0.111	-0.111	-0.111	-0.111	-0.111	-0.234	-0.234	-0.234	-0.234	-0.234
NO	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234
NO	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234
NO	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234
NO	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.234	-0.234	-0.131	-0.131	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234
NO	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.131	-0.131	-0.131	-0.131	-0.234	-0.234
NO	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234
NO	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.234	-0.234	-0.234	-0.131	-0.131	-0.131	-0.131	-0.131	-0.131	-0.234	-0.234	-0.234	-0.234	-0.234	-0.234
NO	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.234	-0.234	-0.467	-0.234	-0.234	-0.234	-0.467	-0.234	-0.234	-0.234	-0.467	-0.234	-0.234	-0.234	-0.364

LOAD CASE 2

NO	1070	1071	1072	1073	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.131	-0.131	-0.131	-0.131	-0.131	-0.131	-0.131	-0.131	-0.364	-0.234	-0.234	-0.234	-0.467	-0.234	-0.234

NO	1086	1089	1100
X.	0.000	0.000	0.000
Y.	0.000	0.000	0.000
Z.	-0.234	-0.131	-0.131

LOAD CASE 2
 (トップライト部)

NO	769	772	775	778	781	784	787	790	793	796	799	802	805	808	811
X.	0.037	0.000	-0.037	-0.258	-0.089	-0.365	-0.089	-0.258	-0.037	0.000	0.037	0.258	0.089	0.365	0.089
Y.	0.089	0.365	0.089	0.258	0.037	0.000	-0.037	-0.258	-0.089	-0.365	-0.089	-0.258	-0.037	0.000	0.037
Z.	-2.074	-1.810	-2.074	-1.809	-2.074	-1.810	-2.074	-1.809	-2.074	-1.810	-2.074	-1.809	-2.074	-1.810	-2.074
NO	814	1057	1059	1061	1063	1065	1067	1069	1071	1073	1074	1075	1077	1079	1081
X.	0.258	0.000	-0.022	-0.016	-0.054	-0.023	-0.054	-0.016	-0.022	0.000	0.022	0.016	0.054	0.023	0.054
Y.	0.258	0.023	0.054	0.016	0.022	0.000	-0.022	-0.016	-0.054	-0.023	-0.054	-0.016	-0.022	0.000	0.022
Z.	-1.809	-0.605	-0.610	-0.606	-0.610	-0.605	-0.610	-0.606	-0.610	-0.605	-0.610	-0.606	-0.610	-0.605	-0.610
NO	1083	1085													
X.	0.016	0.022													
Y.	0.016	0.054													
Z.	-0.606	-0.610													

LOAD CASE 3 風荷重 (X)
TOTAL X-LOAD= 171.167 Y-LOAD= 1.487 Z-LOAD= 255.254 UNIT: TON
(トラス部)

NO	385	386	387	395	396	397	398	399	400	401	402	403	404	405	406
X.	0.352	0.000	0.000	0.527	0.546	0.557	0.568	0.568	0.568	0.568	0.568	0.557	0.546	0.546	0.546
Y.	0.529	0.575	0.464	-0.034	-0.053	-0.026	0.000	0.000	0.000	0.000	0.000	0.026	0.053	0.053	0.053
Z.	0.642	0.576	0.369	-0.089	-0.138	-0.154	-0.138	-0.138	-0.138	-0.138	-0.138	-0.154	-0.138	-0.138	-0.138
NO	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421
X.	0.546	0.546	0.477	0.000	0.000	0.000	0.000	0.000	0.352	0.461	0.461	0.461	0.461	0.461	0.507
Y.	0.053	0.053	-0.512	-0.650	-0.650	-0.650	-0.650	-0.650	-0.605	-0.219	-0.219	-0.219	-0.219	-0.219	-0.110
Z.	-0.138	-0.138	0.399	0.576	0.576	0.576	0.576	0.576	0.642	0.576	0.576	0.576	0.576	0.576	0.642
NO	422	423	424	425	426	427	428	429	430	431	432	433	434	435	442
X.	0.552	0.552	0.552	0.552	0.552	0.507	0.461	0.461	0.461	0.461	0.461	0.101	0.000	0.145	0.082
Y.	0.000	0.000	0.000	0.000	0.000	0.110	0.219	0.219	0.219	0.219	0.219	0.620	0.667	0.325	-0.025
Z.	0.576	0.576	0.576	0.576	0.576	0.642	0.576	0.576	0.576	0.576	0.576	1.287	1.238	0.991	-0.249
NO	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457
X.	0.113	0.122	0.149	0.164	0.164	0.164	0.164	0.149	0.122	0.116	0.116	0.116	0.116	0.116	-0.101
Y.	-0.113	-0.088	-0.024	0.000	0.000	0.000	0.000	0.024	0.088	0.116	0.116	0.116	0.116	-0.179	-0.620
Z.	-0.297	-0.309	-0.309	-0.304	-0.304	-0.304	-0.304	-0.309	-0.309	-0.304	-0.304	-0.304	-0.304	0.419	1.287
NO	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472
X.	0.000	0.000	0.000	0.000	0.101	0.367	0.482	0.482	0.482	0.482	0.510	0.620	0.682	0.682	0.682
Y.	-0.682	-0.682	-0.682	-0.682	-0.620	-0.510	-0.482	-0.482	-0.482	-0.482	-0.367	-0.101	0.000	0.000	0.000
Z.	1.265	1.265	1.265	1.265	1.287	1.287	1.265	1.265	1.265	1.265	1.287	1.287	1.265	1.265	1.265
NO	473	474	475	476	477	478	479	480	481	482	483	484	489	490	491
X.	0.682	0.620	0.510	0.482	0.482	0.482	0.482	0.367	0.124	0.000	0.000	0.145	0.080	0.102	0.118
Y.	0.000	0.101	0.367	0.482	0.482	0.482	0.482	0.510	0.650	0.696	0.600	0.313	-0.023	-0.102	-0.118
Z.	1.265	1.287	1.287	1.265	1.265	1.265	1.265	1.287	1.286	1.293	1.113	0.970	-0.244	-0.267	-0.310
NO	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506
X.	0.131	0.156	0.168	0.168	0.168	0.168	0.156	0.131	0.118	0.118	0.118	0.118	-0.064	-0.124	0.000
Y.	-0.089	-0.030	0.000	0.000	0.000	0.000	0.030	0.089	0.118	0.118	0.118	0.118	-0.239	-0.650	-0.698
Z.	-0.309	-0.309	-0.311	-0.311	-0.311	-0.311	-0.309	-0.309	-0.311	-0.311	-0.311	-0.311	0.476	1.286	1.296
NO	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521
X.	0.000	0.000	0.000	0.124	0.372	0.494	0.494	0.494	0.494	0.547	0.650	0.698	0.698	0.698	0.698
Y.	-0.698	-0.698	-0.698	-0.650	-0.547	-0.494	-0.494	-0.494	-0.494	-0.372	-0.124	0.000	0.000	0.000	0.000
Z.	1.296	1.296	1.296	1.286	1.286	1.296	1.296	1.296	1.296	1.286	1.286	1.296	1.296	1.296	1.296
NO	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536
X.	0.650	0.547	0.494	0.494	0.494	0.494	0.372	0.112	0.000	0.000	0.000	0.145	-0.054	-0.031	0.088
Y.	0.124	0.372	0.494	0.494	0.494	0.494	0.547	0.588	0.631	0.628	0.578	0.360	0.267	0.107	-0.031
Z.	1.286	1.286	1.296	1.296	1.296	1.296	1.286	1.164	1.172	1.166	1.074	1.056	0.530	0.215	-0.265

LOAD CASE 3

NO	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551
X.	0.098	0.107	0.107	0.119	0.141	0.151	0.151	0.151	0.151	0.141	0.119	0.107	0.107	0.107	0.107
Y.	-0.098	-0.107	-0.107	-0.081	-0.027	0.000	0.000	0.000	0.000	0.027	0.081	0.107	0.107	0.107	0.107
Z.	-0.258	-0.280	-0.281	-0.279	-0.279	-0.281	-0.281	-0.281	-0.281	-0.279	-0.279	-0.281	-0.281	-0.281	-0.281
NO	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566
X.	-0.058	-0.112	0.000	0.000	0.000	0.000	0.112	0.337	0.446	0.446	0.446	0.446	0.495	0.588	0.631
Y.	-0.216	-0.588	-0.631	-0.631	-0.631	-0.631	-0.588	-0.495	-0.446	-0.446	-0.446	-0.446	-0.337	-0.112	0.000
Z.	0.431	1.164	1.172	1.172	1.172	1.172	1.164	1.164	1.172	1.172	1.172	1.172	1.164	1.164	1.172
NO	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581
X.	0.631	0.631	0.631	0.588	0.495	0.446	0.446	0.446	0.446	0.337	0.100	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.112	0.337	0.446	0.446	0.446	0.446	0.495	0.527	0.564	0.564	0.565	0.565
Z.	1.172	1.172	1.172	1.164	1.164	1.172	1.172	1.172	1.172	1.164	1.042	1.048	1.048	1.049	1.049
NO	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596
X.	-0.100	-0.052	0.096	0.096	0.096	0.096	0.106	0.126	0.135	0.135	0.135	0.135	0.126	0.106	0.096
Y.	0.525	0.193	-0.096	-0.096	-0.096	-0.096	-0.072	-0.024	0.000	0.000	0.000	0.000	0.024	0.072	0.096
Z.	1.040	0.386	-0.252	-0.252	-0.251	-0.251	-0.250	-0.250	-0.251	-0.251	-0.251	-0.251	-0.250	-0.250	-0.251
NO	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611
X.	0.096	0.096	0.096	-0.052	-0.100	0.000	0.000	0.000	0.000	0.100	0.302	0.399	0.399	0.399	0.399
Y.	0.096	0.096	0.096	-0.193	-0.527	-0.564	-0.564	-0.564	-0.564	-0.527	-0.443	-0.399	-0.399	-0.399	-0.399
Z.	-0.251	-0.251	-0.251	0.385	1.042	1.048	1.048	1.048	1.048	1.042	1.042	1.048	1.048	1.048	1.048
NO	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626
X.	0.443	0.527	0.564	0.564	0.564	0.564	0.527	0.443	0.399	0.399	0.399	0.399	0.302	0.088	0.000
Y.	-0.302	-0.100	0.000	0.000	0.000	0.000	0.100	0.302	0.399	0.399	0.399	0.399	0.443	0.465	0.498
Z.	1.042	1.042	1.048	1.048	1.048	1.048	1.042	1.042	1.048	1.048	1.048	1.048	1.042	0.920	0.924
NO	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641
X.	0.000	0.000	0.000	-0.088	-0.045	0.084	0.084	0.084	0.084	0.094	0.112	0.119	0.119	0.119	0.119
Y.	0.498	0.498	0.498	0.465	0.170	-0.084	-0.084	-0.084	-0.084	-0.064	-0.021	0.000	0.000	0.000	0.000
Z.	0.924	0.924	0.924	0.920	0.339	-0.222	-0.222	-0.222	-0.222	-0.221	-0.221	-0.222	-0.222	-0.222	-0.222
NO	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656
X.	0.112	0.094	0.084	0.084	0.084	0.084	-0.045	-0.088	0.000	0.000	0.000	0.000	0.088	0.267	0.352
Y.	0.021	0.064	0.084	0.084	0.084	0.084	-0.170	-0.465	-0.498	-0.498	-0.498	-0.498	-0.465	-0.391	-0.352
Z.	-0.221	-0.221	-0.222	-0.222	-0.222	-0.222	0.339	0.920	0.924	0.924	0.924	0.924	0.920	0.920	0.924
NO	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671
X.	0.352	0.352	0.352	0.391	0.465	0.498	0.498	0.498	0.498	0.465	0.391	0.352	0.352	0.352	0.352
Y.	-0.352	-0.352	-0.352	-0.267	-0.088	0.000	0.000	0.000	0.000	0.088	0.267	0.352	0.352	0.352	0.352
Z.	0.924	0.924	0.924	0.920	0.920	0.924	0.924	0.924	0.924	0.920	0.920	0.924	0.924	0.924	0.924

LOAD CASE 3

NO	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686
X.	0.267	0.076	0.000	0.000	0.000	0.000	-0.076	-0.039	0.073	0.073	0.073	0.073	0.081	0.097	0.103
Y.	0.391	0.404	0.431	0.431	0.431	0.431	0.404	0.147	-0.073	-0.073	-0.073	-0.073	-0.056	-0.018	0.000
Z.	0.920	0.798	0.800	0.800	0.800	0.800	0.798	0.294	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192
NO	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701
X.	0.103	0.103	0.103	0.097	0.081	0.073	0.073	0.073	0.073	-0.039	-0.076	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.018	0.056	0.073	0.073	0.073	0.073	-0.147	-0.404	-0.431	-0.431	-0.431	-0.431
Z.	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	0.294	0.798	0.800	0.800	0.800	0.800
NO	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716
X.	0.076	0.231	0.305	0.305	0.305	0.305	0.339	0.404	0.431	0.431	0.431	0.431	0.404	0.339	0.305
Y.	-0.404	-0.339	-0.305	-0.305	-0.305	-0.305	-0.231	-0.076	0.000	0.000	0.000	0.000	0.076	0.231	0.305
Z.	0.798	0.798	0.800	0.800	0.800	0.800	0.798	0.798	0.800	0.800	0.800	0.800	0.798	0.798	0.800
NO	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731
X.	0.305	0.305	0.305	0.231	0.051	0.000	0.000	0.000	0.000	-0.051	-0.018	0.055	0.055	0.055	0.055
Y.	0.305	0.305	0.305	0.339	0.314	0.324	0.324	0.324	0.324	0.314	0.090	-0.055	-0.055	-0.055	-0.055
Z.	0.800	0.800	0.800	0.798	0.603	0.601	0.601	0.601	0.601	0.603	0.162	-0.144	-0.144	-0.144	-0.144
NO	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746
X.	0.062	0.075	0.078	0.078	0.078	0.078	0.075	0.062	0.055	0.055	0.055	0.055	-0.018	-0.051	0.000
Y.	-0.045	-0.012	0.000	0.000	0.000	0.000	0.012	0.045	0.055	0.055	0.055	0.055	-0.090	-0.314	-0.324
Z.	-0.145	-0.145	-0.144	-0.144	-0.144	-0.144	-0.145	-0.145	-0.144	-0.144	-0.144	-0.144	0.162	0.603	0.601
NO	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761
X.	0.000	0.000	0.000	0.051	0.186	0.229	0.229	0.229	0.229	0.258	0.314	0.324	0.324	0.324	0.324
Y.	-0.324	-0.324	-0.324	-0.314	-0.258	-0.229	-0.229	-0.229	-0.229	-0.186	-0.051	0.000	0.000	0.000	0.000
Z.	0.601	0.601	0.601	0.603	0.603	0.601	0.601	0.601	0.601	0.603	0.603	0.601	0.601	0.601	0.601
NO	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776
X.	0.314	0.258	0.229	0.229	0.229	0.229	0.186	0.045	0.000	0.000	0.000	0.000	0.000	-0.010	0.022
Y.	0.051	0.186	0.229	0.229	0.229	0.229	0.258	0.109	0.127	0.127	0.127	0.127	0.127	0.073	-0.022
Z.	0.603	0.603	0.601	0.601	0.601	0.601	0.603	0.221	0.236	0.236	0.236	0.236	0.236	0.129	-0.057
NO	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791
X.	0.022	0.022	0.022	0.022	0.026	0.031	0.031	0.031	0.031	0.031	0.026	0.022	0.022	0.022	0.022
Y.	-0.022	-0.022	-0.022	-0.022	-0.011	0.000	0.000	0.000	0.000	0.000	0.011	0.022	0.022	0.022	0.022
Z.	-0.057	-0.057	-0.057	-0.057	-0.053	-0.057	-0.057	-0.057	-0.057	-0.057	-0.053	-0.057	-0.057	-0.057	-0.057
NO	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806
X.	0.022	-0.010	0.000	0.000	0.000	0.000	0.000	0.045	0.090	0.090	0.090	0.090	0.090	0.109	0.127
Y.	0.022	-0.073	-0.127	-0.127	-0.127	-0.127	-0.127	-0.109	-0.090	-0.090	-0.090	-0.090	-0.090	-0.045	0.000
Z.	-0.057	0.129	0.236	0.236	0.236	0.236	0.236	0.221	0.236	0.236	0.236	0.236	0.236	0.221	0.236

LOAD CASE 3

NO	807	808	809	810	811	812	813	814	815	816	945	946	947	948	949
X.	0.127	0.127	0.127	0.127	0.109	0.090	0.090	0.090	0.090	0.090	0.030	0.030	0.030	0.030	0.357
Y.	0.000	0.000	0.000	0.000	0.045	0.090	0.090	0.090	0.090	0.090	0.071	0.071	0.071	0.071	-0.030
Z.	0.236	0.236	0.236	0.236	0.221	0.236	0.236	0.236	0.236	0.236	-0.139	-0.139	-0.139	-0.139	-0.139
NO	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964
X.	0.357	0.357	0.357	0.357	0.357	0.357	0.357	0.259	0.259	0.259	0.259	0.107	0.107	0.107	0.107
Y.	-0.030	-0.030	-0.030	0.030	0.030	0.030	0.030	0.251	0.251	0.251	0.251	0.402	0.402	0.402	0.402
Z.	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496
NO	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979
X.	0.030	0.030	0.030	0.030	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.259	0.259	0.259
Y.	-0.073	-0.073	-0.073	-0.073	-0.030	-0.030	-0.030	-0.030	0.030	0.030	0.030	0.030	0.107	0.107	0.107
Z.	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	0.496	0.496	0.496
NO	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994
X.	0.259	0.107	0.107	0.107	0.107	0.030	0.030	0.030	0.030	0.073	0.073	0.073	0.073	0.073	0.073
Y.	0.107	0.259	0.259	0.259	0.259	-0.073	-0.073	-0.073	-0.073	-0.030	-0.030	-0.030	-0.030	0.030	0.030
Z.	0.496	0.496	0.496	0.496	0.496	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139
NO	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009
X.	0.073	0.073	0.017	0.145	0.259	0.259	0.259	0.259	0.107	0.107	0.107	0.107	0.030	0.030	0.030
Y.	0.030	0.030	0.041	-0.060	0.107	0.107	0.107	0.107	0.259	0.259	0.259	0.259	-0.073	-0.073	-0.073
Z.	-0.139	-0.139	-0.078	0.277	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	-0.139	-0.139	-0.139
NO	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024
X.	0.030	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.073	0.017	0.017	0.145	0.145	0.259	0.259
Y.	-0.073	-0.030	-0.030	-0.030	-0.030	0.030	0.030	0.030	0.030	0.041	0.041	-0.060	-0.060	0.107	0.107
Z.	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.078	-0.078	0.277	0.277	0.496	0.496
NO	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039
X.	0.259	0.259	0.107	0.107	0.107	0.107	0.030	0.030	0.030	0.030	0.073	0.073	0.073	0.073	0.073
Y.	0.107	0.107	0.259	0.259	0.259	0.259	-0.073	-0.073	-0.073	-0.073	-0.030	-0.030	-0.030	-0.030	0.030
Z.	0.496	0.496	0.496	0.496	0.496	0.496	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139	-0.139
NO	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054
X.	0.073	0.073	0.073	0.017	0.017	0.017	0.145	0.145	0.145	0.259	0.259	0.259	0.259	0.107	0.107
Y.	0.030	0.030	0.030	0.041	0.041	0.041	-0.060	-0.060	-0.060	0.107	0.107	0.107	0.107	0.259	0.259
Z.	-0.139	-0.139	-0.139	-0.078	-0.078	-0.078	0.277	0.277	0.277	0.496	0.496	0.496	0.496	0.496	0.496
NO	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069
X.	0.107	0.107	0.137	0.030	0.030	0.030	0.103	0.073	0.073	0.073	0.145	0.073	0.073	0.073	0.089
Y.	0.259	0.259	0.187	-0.073	-0.073	-0.073	-0.103	-0.030	-0.030	-0.030	0.000	0.030	0.030	0.030	0.071
Z.	0.496	0.496	0.357	-0.139	-0.139	-0.139	-0.278	-0.139	-0.139	-0.139	-0.278	-0.139	-0.139	-0.139	-0.217

LOAD CASE 3

NO	1070	1071	1072	1073	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085
X.	0.017	0.017	0.017	0.017	0.145	0.145	0.145	0.145	0.404	0.259	0.259	0.259	0.366	0.107	0.107
Y.	0.041	0.041	0.041	0.041	-0.060	-0.060	-0.060	-0.060	0.047	0.107	0.107	0.107	0.366	0.259	0.259
Z.	-0.078	-0.078	-0.078	-0.078	0.277	0.277	0.277	0.277	0.774	0.496	0.496	0.496	0.992	0.496	0.496

NO	1086	1089	1100
X.	0.107	0.145	0.017
Y.	0.259	-0.060	0.041
Z.	0.496	0.277	-0.078

LOAD CASE 3
 (トップライト部)

NO	769	772	775	778	781	784	787	790	793	796	799	802	805	808	811
X.	3.178	4.163	4.532	5.214	5.399	0.285	5.399	5.214	4.532	4.163	3.178	2.445	-0.378	-0.971	-0.378
Y.	-3.545	-0.145	0.187	5.047	5.490	0.000	-5.490	-5.047	-0.187	0.145	3.545	4.008	0.364	0.000	-0.364
Z.	2.586	4.025	-2.800	-1.064	6.426	-1.032	6.426	-1.064	-2.800	4.025	2.586	6.280	-3.634	6.599	-3.634
NO	814	1057	1059	1061	1063	1065	1067	1069	1071	1073	1074	1075	1077	1079	1081
X.	2.445	1.806	2.246	2.344	0.633	1.190	0.633	2.344	2.246	1.806	1.595	0.349	0.192	-0.062	0.192
Y.	-4.008	-0.695	1.101	1.026	1.360	0.000	-1.360	-1.026	-1.101	0.695	0.803	0.958	0.866	0.000	-0.866
Z.	6.280	-0.363	0.302	1.249	-1.050	3.135	-1.050	1.249	0.302	-0.363	2.526	-1.427	2.135	-3.007	2.135
NO	1083	1085													
X.	0.349	1.595													
Y.	-0.958	-0.803													
Z.	-1.427	2.526													

LOAD CASE 4 風荷重 (Y)
TOTAL X-LOAD= -2.970 Y-LOAD= 148.327 Z-LOAD= 312.455 UNIT: TON
トラス部

NO	385	386	387	395	396	397	398	399	400	401	402	403	404	405	406
X.	0.110	0.000	0.000	-0.468	-0.546	-0.592	-0.637	-0.637	-0.637	-0.637	-0.637	-0.499	0.053	0.053	0.053
Y.	0.485	0.530	0.419	0.141	0.219	0.110	0.000	0.000	0.000	0.000	0.000	0.467	0.537	0.537	0.537
Z.	0.642	0.576	0.369	0.369	0.576	0.642	0.576	0.576	0.576	0.576	0.576	0.399	-0.138	-0.138	-0.138
NO	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421
X.	0.053	0.053	0.026	0.000	0.000	0.000	0.000	0.000	-0.026	-0.053	-0.053	-0.053	-0.053	-0.053	0.512
Y.	0.537	0.537	0.548	0.559	0.559	0.559	0.559	0.559	0.548	0.537	0.537	0.537	0.537	0.537	0.467
Z.	-0.138	-0.138	-0.154	-0.138	-0.138	-0.138	-0.138	-0.138	-0.154	-0.138	-0.138	-0.138	-0.138	-0.138	0.399
NO	422	423	424	425	426	427	428	429	430	431	432	433	434	435	442
X.	0.650	0.650	0.650	0.650	0.650	0.605	0.219	0.219	0.219	0.219	0.219	0.101	0.000	0.145	-0.332
Y.	0.000	0.000	0.000	0.000	0.000	0.330	0.440	0.440	0.440	0.440	0.440	0.620	0.667	0.325	0.127
Z.	0.576	0.576	0.576	0.576	0.576	0.642	0.576	0.576	0.576	0.576	0.576	1.287	1.238	0.991	0.991
NO	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457
X.	-0.471	-0.510	-0.520	-0.682	-0.682	-0.682	-0.682	-0.620	-0.179	0.116	0.116	0.116	0.116	0.088	0.024
Y.	0.471	0.367	0.101	0.000	0.000	0.000	0.000	-0.101	-0.037	0.116	0.116	0.116	0.116	0.122	0.149
Z.	1.238	1.287	1.287	1.265	1.265	1.265	1.265	1.287	0.418	-0.304	-0.304	-0.304	-0.304	-0.309	-0.309
NO	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472
X.	0.000	0.000	0.000	0.000	-0.024	-0.088	-0.116	-0.116	-0.116	-0.116	0.179	0.620	0.682	0.682	0.682
Y.	0.164	0.164	0.164	0.164	0.149	0.122	0.116	0.116	0.116	0.116	-0.037	-0.101	0.000	0.000	0.000
Z.	-0.304	-0.304	-0.304	-0.304	-0.309	-0.309	-0.304	-0.304	-0.304	-0.304	0.418	1.287	1.265	1.265	1.265
NO	473	474	475	476	477	478	479	480	481	482	483	484	489	490	491
X.	0.682	0.620	0.510	0.482	0.482	0.482	0.482	0.367	0.124	0.000	0.000	0.145	-0.324	-0.424	-0.492
Y.	0.000	0.101	0.367	0.482	0.482	0.482	0.482	0.510	0.650	0.696	0.600	0.313	0.119	0.424	0.492
Z.	1.265	1.287	1.287	1.265	1.265	1.265	1.265	1.287	1.286	1.293	1.113	0.970	0.970	1.113	1.293
NO	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506
X.	-0.547	-0.650	-0.698	-0.698	-0.698	-0.698	-0.650	-0.239	0.118	0.118	0.118	0.118	0.089	0.030	0.000
Y.	0.372	0.124	0.000	0.000	0.000	0.000	-0.124	-0.064	0.118	0.118	0.118	0.118	0.131	0.156	0.168
Z.	1.286	1.286	1.296	1.296	1.296	1.296	1.286	0.476	-0.311	-0.311	-0.311	-0.311	-0.309	-0.309	-0.311
NO	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521
X.	0.000	0.000	0.000	-0.030	-0.089	-0.118	-0.118	-0.118	-0.118	0.239	0.650	0.698	0.698	0.698	0.698
Y.	0.168	0.168	0.168	0.156	0.131	0.118	0.118	0.118	0.118	-0.064	-0.124	0.000	0.000	0.000	0.000
Z.	-0.311	-0.311	-0.311	-0.309	-0.309	-0.311	-0.311	-0.311	-0.311	0.476	1.286	1.296	1.296	1.296	1.296
NO	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536
X.	0.650	0.547	0.494	0.494	0.494	0.494	0.372	0.112	0.000	0.000	0.000	0.145	-0.054	-0.151	-0.357
Y.	0.124	0.372	0.494	0.494	0.494	0.494	0.547	0.588	0.631	0.628	0.578	0.360	0.267	0.227	0.152
Z.	1.286	1.286	1.296	1.296	1.296	1.296	1.286	1.164	1.172	1.166	1.074	1.056	0.530	0.530	1.056

LOAD CASE 4

NO	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551
X.	-0.409	-0.444	-0.446	-0.495	-0.588	-0.631	-0.631	-0.631	-0.631	-0.588	-0.216	0.107	0.107	0.107	0.107
Y.	0.409	0.444	0.446	0.337	0.112	0.000	0.000	0.000	0.000	-0.112	-0.058	0.107	0.107	0.107	0.107
Z.	1.074	1.166	1.172	1.164	1.164	1.172	1.172	1.172	1.172	1.164	0.431	-0.281	-0.281	-0.281	-0.281
NO	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566
X.	0.081	0.027	0.000	0.000	0.000	0.000	-0.027	-0.081	-0.107	-0.107	-0.107	-0.107	0.216	0.588	0.631
Y.	0.119	0.141	0.151	0.151	0.151	0.151	0.141	0.119	0.107	0.107	0.107	0.107	-0.058	-0.112	0.000
Z.	-0.279	-0.279	-0.281	-0.281	-0.281	-0.281	-0.279	-0.279	-0.281	-0.281	-0.281	-0.281	0.431	1.164	1.172
NO	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581
X.	0.631	0.631	0.631	0.588	0.495	0.446	0.446	0.446	0.446	0.337	0.100	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.112	0.337	0.446	0.446	0.446	0.446	0.495	0.527	0.564	0.564	0.565	0.565
Z.	1.172	1.172	1.172	1.164	1.164	1.172	1.172	1.172	1.172	1.164	1.042	1.048	1.048	1.049	1.049
NO	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596
X.	-0.100	-0.301	-0.400	-0.399	-0.399	-0.399	-0.443	-0.527	-0.564	-0.564	-0.564	-0.564	-0.527	-0.193	0.096
Y.	0.525	0.442	0.400	0.399	0.399	0.399	0.302	0.100	0.000	0.000	0.000	0.000	-0.100	-0.052	0.096
Z.	1.040	1.040	1.049	1.049	1.048	1.048	1.042	1.042	1.048	1.048	1.048	1.048	1.042	0.335	-0.251
NO	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611
X.	0.096	0.096	0.096	0.072	0.024	0.000	0.000	0.000	0.000	-0.024	-0.072	-0.096	-0.096	-0.096	-0.096
Y.	0.096	0.096	0.096	0.106	0.126	0.135	0.135	0.135	0.135	0.126	0.106	0.096	0.096	0.096	0.096
Z.	-0.251	-0.251	-0.251	-0.250	-0.250	-0.251	-0.251	-0.251	-0.251	-0.250	-0.250	-0.251	-0.251	-0.251	-0.251
NO	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626
X.	0.193	0.527	0.564	0.564	0.564	0.564	0.527	0.443	0.399	0.399	0.399	0.399	0.302	0.088	0.000
Y.	-0.052	-0.100	0.000	0.000	0.000	0.000	0.100	0.302	0.399	0.399	0.399	0.399	0.443	0.465	0.498
Z.	0.385	1.042	1.048	1.048	1.048	1.048	1.042	1.042	1.048	1.048	1.048	1.048	1.042	0.920	0.924
NO	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641
X.	0.000	0.000	0.000	-0.088	-0.267	-0.352	-0.352	-0.352	-0.352	-0.391	-0.465	-0.498	-0.498	-0.498	-0.498
Y.	0.498	0.498	0.498	0.465	0.391	0.352	0.352	0.352	0.352	0.267	0.088	0.000	0.000	0.000	0.000
Z.	0.924	0.924	0.924	0.920	0.920	0.924	0.924	0.924	0.924	0.920	0.920	0.924	0.924	0.924	0.924
NO	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656
X.	-0.465	-0.170	0.084	0.084	0.084	0.084	0.064	0.021	0.000	0.000	0.000	0.000	-0.021	-0.064	-0.084
Y.	-0.088	-0.045	0.084	0.084	0.084	0.084	0.094	0.112	0.119	0.119	0.119	0.119	0.112	0.094	0.084
Z.	0.920	0.339	-0.222	-0.222	-0.222	-0.222	-0.221	-0.221	-0.222	-0.222	-0.222	-0.222	-0.221	-0.221	-0.222
NO	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671
X.	-0.084	-0.084	-0.084	0.170	0.465	0.498	0.498	0.498	0.498	0.465	0.391	0.352	0.352	0.352	0.352
Y.	0.084	0.084	0.084	-0.045	-0.088	0.000	0.000	0.000	0.000	0.088	0.267	0.352	0.352	0.352	0.352
Z.	-0.222	-0.222	-0.222	0.339	0.920	0.924	0.924	0.924	0.924	0.920	0.920	0.924	0.924	0.924	0.924

LOAD CASE 4

NO	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686
X.	0.267	0.076	0.000	0.000	0.000	0.000	-0.076	-0.231	-0.305	-0.305	-0.305	-0.305	-0.339	-0.404	-0.431
Y.	0.391	0.404	0.431	0.431	0.431	0.431	0.404	0.339	0.305	0.305	0.305	0.305	0.231	0.076	0.000
Z.	0.920	0.798	0.800	0.800	0.800	0.800	0.798	0.798	0.800	0.800	0.800	0.800	0.798	0.798	0.800
NO	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701
X.	-0.431	-0.431	-0.431	-0.404	-0.147	0.073	0.073	0.073	0.073	0.056	0.018	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	-0.076	-0.039	0.073	0.073	0.073	0.073	0.081	0.097	0.103	0.103	0.103	0.103
Z.	0.800	0.800	0.800	0.798	0.294	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192
NO	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716
X.	-0.018	-0.056	-0.073	-0.073	-0.073	-0.073	0.147	0.404	0.431	0.431	0.431	0.431	0.404	0.339	0.305
Y.	0.097	0.081	0.073	0.073	0.073	0.073	-0.039	-0.076	0.000	0.000	0.000	0.000	0.076	0.231	0.305
Z.	-0.192	-0.192	-0.192	-0.192	-0.192	-0.192	0.294	0.798	0.800	0.800	0.800	0.800	0.798	0.798	0.800
NO	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731
X.	0.305	0.305	0.305	0.231	0.051	0.000	0.000	0.000	0.000	-0.051	-0.186	-0.229	-0.229	-0.229	-0.229
Y.	0.305	0.305	0.305	0.339	0.314	0.324	0.324	0.324	0.324	0.314	0.258	0.229	0.229	0.229	0.229
Z.	0.800	0.800	0.800	0.798	0.603	0.601	0.601	0.601	0.601	0.603	0.603	0.601	0.601	0.601	0.601
NO	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746
X.	-0.258	-0.314	-0.324	-0.324	-0.324	-0.324	-0.314	-0.090	0.055	0.055	0.055	0.055	0.045	0.012	0.000
Y.	0.186	0.051	0.000	0.000	0.000	0.000	-0.051	-0.018	0.055	0.055	0.055	0.055	0.062	0.075	0.078
Z.	0.603	0.603	0.601	0.601	0.601	0.601	0.603	0.162	-0.144	-0.144	-0.144	-0.144	-0.145	-0.145	-0.144
NO	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761
X.	0.000	0.000	0.000	-0.012	-0.045	-0.055	-0.055	-0.055	-0.055	0.090	0.314	0.324	0.324	0.324	0.324
Y.	0.078	0.078	0.078	0.075	0.062	0.055	0.055	0.055	0.055	-0.018	-0.051	0.000	0.000	0.000	0.000
Z.	-0.144	-0.144	-0.144	-0.145	-0.145	-0.144	-0.144	-0.144	-0.144	0.162	0.603	0.601	0.601	0.601	0.601
NO	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776
X.	0.314	0.258	0.229	0.229	0.229	0.229	0.186	0.045	0.000	0.000	0.000	0.000	0.000	-0.045	-0.090
Y.	0.051	0.186	0.229	0.229	0.229	0.229	0.258	0.109	0.127	0.127	0.127	0.127	0.127	0.109	0.090
Z.	0.603	0.603	0.601	0.601	0.601	0.601	0.603	0.221	0.236	0.236	0.236	0.236	0.236	0.221	0.236
NO	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791
X.	-0.090	-0.090	-0.090	-0.090	-0.109	-0.127	-0.127	-0.127	-0.127	-0.127	-0.073	0.022	0.022	0.022	0.022
Y.	0.090	0.090	0.090	0.090	0.045	0.000	0.000	0.000	0.000	0.000	-0.010	0.022	0.022	0.022	0.022
Z.	0.236	0.236	0.236	0.236	0.221	0.236	0.236	0.236	0.236	0.236	0.129	-0.057	-0.057	-0.057	-0.057
NO	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806
X.	0.022	0.011	0.000	0.000	0.000	0.000	0.000	-0.011	-0.022	-0.022	-0.022	-0.022	-0.022	0.073	0.127
Y.	0.022	0.026	0.031	0.031	0.031	0.031	0.031	0.026	0.022	0.022	0.022	0.022	0.022	-0.010	0.000
Z.	-0.057	-0.053	-0.057	-0.057	-0.057	-0.057	-0.057	-0.053	-0.057	-0.057	-0.057	-0.057	-0.057	0.129	0.236

LOAD CASE 4

NO	807	808	809	810	811	812	813	814	815	816	945	946	947	948	949
X.	0.127	0.127	0.127	0.127	0.109	0.090	0.090	0.090	0.090	0.090	-0.107	-0.107	-0.107	-0.107	-0.437
Y.	0.000	0.000	0.000	0.000	0.045	0.090	0.090	0.090	0.090	0.090	0.374	0.374	0.374	0.374	0.107
Z.	0.236	0.236	0.236	0.236	0.221	0.236	0.236	0.236	0.236	0.236	0.496	0.496	0.496	0.496	0.496
NO	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964
X.	-0.437	-0.437	-0.437	-0.437	-0.437	-0.437	-0.437	0.259	0.259	0.259	0.259	0.107	0.107	0.107	0.107
Y.	0.107	0.107	0.107	-0.107	-0.107	-0.107	-0.107	0.222	0.222	0.222	0.222	0.374	0.374	0.374	0.374
Z.	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496
NO	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979
X.	-0.107	-0.107	-0.107	-0.107	-0.259	-0.259	-0.259	-0.259	-0.259	-0.259	-0.259	-0.259	0.259	0.259	0.259
Y.	0.259	0.259	0.259	0.259	0.107	0.107	0.107	0.107	-0.107	-0.107	-0.107	-0.107	0.107	0.107	0.107
Z.	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496
NO	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994
X.	0.259	0.107	0.107	0.107	0.107	-0.107	-0.107	-0.107	-0.107	-0.259	-0.259	-0.259	-0.259	-0.259	-0.259
Y.	0.107	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.107	0.107	0.107	0.107	-0.107	-0.107
Z.	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496
NO	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009
X.	-0.259	-0.259	-0.060	0.145	0.259	0.259	0.259	0.259	0.107	0.107	0.107	0.107	-0.107	-0.107	-0.107
Y.	-0.107	-0.107	-0.145	-0.060	0.107	0.107	0.107	0.107	0.259	0.259	0.259	0.259	0.259	0.259	0.259
Z.	0.496	0.496	0.277	0.277	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496
NO	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024
X.	-0.107	-0.259	-0.259	-0.259	-0.259	-0.259	-0.259	-0.259	-0.259	-0.060	-0.060	0.145	0.145	0.259	0.259
Y.	0.259	0.107	0.107	0.107	0.107	-0.107	-0.107	-0.107	-0.107	-0.145	-0.145	-0.060	-0.060	0.107	0.107
Z.	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.277	0.277	0.277	0.277	0.496	0.496
NO	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039
X.	0.259	0.259	0.107	0.107	0.107	0.107	-0.107	-0.107	-0.107	-0.107	-0.259	-0.259	-0.259	-0.259	-0.259
Y.	0.107	0.107	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.259	0.107	0.107	0.107	0.107	-0.107
Z.	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496
NO	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054
X.	-0.259	-0.259	-0.259	-0.060	-0.060	-0.060	0.145	0.145	0.145	0.259	0.259	0.259	0.259	0.107	0.107
Y.	-0.107	-0.107	-0.107	-0.145	-0.145	-0.145	-0.060	-0.060	-0.060	0.107	0.107	0.107	0.107	0.259	0.259
Z.	0.496	0.496	0.496	0.277	0.277	0.277	0.277	0.277	0.277	0.496	0.496	0.496	0.496	0.496	0.496
NO	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069
X.	0.107	0.107	0.000	-0.107	-0.107	-0.107	-0.366	-0.259	-0.259	-0.259	-0.518	-0.259	-0.259	-0.259	-0.319
Y.	0.259	0.259	0.518	0.259	0.259	0.259	0.366	0.107	0.107	0.107	0.000	-0.107	-0.107	-0.107	-0.252
Z.	0.496	0.496	0.992	0.496	0.496	0.496	0.992	0.496	0.496	0.496	0.992	0.496	0.496	0.496	0.774

LOAD CASE 4

NO	1070	1071	1072	1073	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085
X.	-0.060	-0.060	-0.060	-0.060	0.145	0.145	0.145	0.145	0.404	0.259	0.259	0.259	0.366	0.107	0.107
Y.	-0.145	-0.145	-0.145	-0.145	-0.060	-0.060	-0.060	-0.060	0.047	0.107	0.107	0.107	0.366	0.259	0.259
Z.	0.277	0.277	0.277	0.277	0.277	0.277	0.277	0.277	0.774	0.496	0.496	0.496	0.992	0.496	0.496
NO	1086	1089	1100												
X.	0.107	0.145	-0.060												
Y.	0.259	-0.060	-0.145												
Z.	0.496	0.277	0.277												

LOAD CASE 4
 トップライト部

NO	769	772	775	778	781	784	787	790	793	796	799	802	805	808	811
X.	-0.364	0.000	0.364	4.008	3.545	0.145	-0.187	-5.047	-5.490	0.000	5.490	5.047	0.187	-0.145	-3.545
Y.	-0.378	-0.971	-0.378	2.445	3.178	4.163	4.532	5.214	5.399	0.285	5.399	5.214	4.532	4.163	3.178
Z.	-3.634	6.599	-3.634	6.280	2.586	4.025	-2.800	-1.064	6.426	-1.032	6.426	-1.064	-2.800	4.025	2.586
NO	814	1057	1059	1061	1063	1065	1067	1069	1071	1073	1074	1075	1077	1079	1081
X.	-4.008	0.000	0.356	0.438	0.421	0.383	-0.480	-0.582	-0.758	0.000	0.758	0.582	0.480	-0.383	-0.421
Y.	2.445	-0.064	-0.010	0.128	0.699	0.868	1.451	1.583	0.674	0.937	0.674	1.583	1.451	0.868	0.699
Z.	6.280	-1.123	2.615	-0.667	2.895	-0.021	3.152	1.253	1.738	2.094	1.738	1.253	3.152	-0.021	2.895
NO	1083	1085													
X.	-0.438	-0.356													
Y.	0.128	-0.010													
Z.	-0.667	2.615													

LOAD CASE 5 地震荷重 (×)
TOTAL X-LOAD= 149.902 Y-LOAD= 0.000 Z-LOAD= 0.000 UNIT: TON
トラス部

NO	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399
X.	0.280	0.267	0.264	0.269	0.267	0.267	0.280	0.267	0.267	0.269	0.264	0.267	0.280	0.267	0.267
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414
X.	0.267	0.267	0.267	0.280	0.267	0.267	0.267	0.267	0.267	0.280	0.267	0.267	0.267	0.267	0.267
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429
X.	0.280	0.267	0.267	0.267	0.267	0.267	0.280	0.267	0.267	0.267	0.267	0.267	0.280	0.267	0.267
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444
X.	0.267	0.267	0.267	0.339	0.331	0.412	0.346	0.339	0.339	0.339	0.339	0.346	0.412	0.331	0.339
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459
X.	0.339	0.338	0.338	0.338	0.338	0.339	0.339	0.338	0.338	0.338	0.338	0.339	0.339	0.338	0.338
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474
X.	0.338	0.338	0.339	0.339	0.338	0.338	0.338	0.338	0.339	0.339	0.338	0.338	0.338	0.338	0.339
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489
X.	0.339	0.338	0.338	0.338	0.338	0.339	0.342	0.345	0.330	0.423	0.362	0.341	0.341	0.362	0.423
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504
X.	0.330	0.345	0.342	0.342	0.346	0.346	0.346	0.346	0.342	0.342	0.346	0.346	0.346	0.346	0.342
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519
X.	0.342	0.346	0.346	0.346	0.346	0.342	0.342	0.346	0.346	0.346	0.346	0.342	0.342	0.346	0.346
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

LOAD CASE 5

NO	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534
X.	0.346	0.346	0.342	0.342	0.346	0.346	0.346	0.346	0.342	0.309	0.313	0.312	0.318	0.389	0.304
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549
X.	0.304	0.389	0.318	0.312	0.313	0.309	0.309	0.313	0.313	0.313	0.313	0.309	0.309	0.313	0.313
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564
X.	0.313	0.313	0.309	0.309	0.313	0.313	0.313	0.313	0.309	0.309	0.313	0.313	0.313	0.313	0.309
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579
X.	0.309	0.313	0.313	0.313	0.313	0.309	0.309	0.313	0.313	0.313	0.313	0.309	0.277	0.280	0.280
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594
X.	0.280	0.280	0.276	0.276	0.280	0.280	0.280	0.280	0.277	0.277	0.280	0.280	0.280	0.280	0.277
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609
X.	0.277	0.280	0.280	0.280	0.280	0.277	0.277	0.280	0.280	0.280	0.280	0.277	0.277	0.280	0.280
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624
X.	0.280	0.280	0.277	0.277	0.280	0.280	0.280	0.280	0.277	0.277	0.280	0.280	0.280	0.280	0.277
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639
X.	0.245	0.247	0.247	0.247	0.247	0.245	0.245	0.247	0.247	0.247	0.247	0.245	0.245	0.247	0.247
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654
X.	0.247	0.247	0.245	0.245	0.247	0.247	0.247	0.247	0.245	0.245	0.247	0.247	0.247	0.247	0.245
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

LOAD CASE 5

NO	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669
X.	0.245	0.247	0.247	0.247	0.247	0.245	0.245	0.247	0.247	0.247	0.247	0.245	0.245	0.247	0.247
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684
X.	0.247	0.247	0.245	0.212	0.214	0.214	0.214	0.214	0.212	0.212	0.214	0.214	0.214	0.214	0.212
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699
X.	0.212	0.214	0.214	0.214	0.214	0.212	0.212	0.214	0.214	0.214	0.214	0.212	0.212	0.214	0.214
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714
X.	0.214	0.214	0.212	0.212	0.214	0.214	0.214	0.214	0.212	0.212	0.214	0.214	0.214	0.214	0.212
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729
X.	0.212	0.214	0.214	0.214	0.214	0.212	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744
X.	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759
X.	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774
X.	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.675	0.063	0.063	0.679	0.063	0.063
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789
X.	0.675	0.063	0.063	0.679	0.063	0.063	0.675	0.063	0.063	0.679	0.063	0.063	0.675	0.063	0.063
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

LOAD CASE 5

NO	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804
X.	0.679	0.063	0.063	0.675	0.063	0.063	0.679	0.063	0.063	0.675	0.063	0.063	0.679	0.063	0.063
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	805	806	807	808	809	810	811	812	813	814	815	816	945	946	947
X.	0.675	0.063	0.063	0.679	0.063	0.063	0.675	0.063	0.063	0.679	0.063	0.063	0.193	0.193	0.193
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962
X.	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977
X.	0.193	0.193	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992
X.	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007
X.	0.134	0.134	0.134	0.134	0.075	0.075	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022
X.	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.075	0.075	0.075	0.075
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037
X.	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052
X.	0.134	0.134	0.134	0.134	0.134	0.075	0.075	0.075	0.075	0.075	0.075	0.134	0.134	0.134	0.134
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

LOAD CASE 5

NO	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067
X.	0.134	0.134	0.134	0.134	0.268	0.134	0.134	0.134	0.268	0.134	0.134	0.134	0.268	0.134	0.134
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	1068	1069	1070	1071	1072	1073	1075	1076	1077	1078	1079	1080	1081	1082	1083
X.	0.134	0.209	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.209	0.134	0.134	0.134	0.268
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	1084	1085	1086	1089	1100										
X.	0.134	0.134	0.134	0.075	0.075										
Y.	0.000	0.000	0.000	0.000	0.000										
Z.	0.000	0.000	0.000	0.000	0.000										

LOAD CASE 5
 トップライト部

NO	769	772	775	778	781	784	787	790	793	796	799	802	805	808	811
X.	0.600	1.233	1.199	0.601	0.604	0.009	0.604	0.601	1.199	1.233	0.600	0.663	0.042	0.007	0.042
Y.	-0.538	-0.001	0.019	0.592	0.579	0.000	-0.579	-0.592	-0.019	0.001	0.538	0.656	0.019	0.000	-0.019
Z.	-0.467	0.050	0.378	0.036	0.954	0.007	0.954	0.036	0.378	0.050	-0.467	0.069	-1.052	0.055	-1.052
NO	814	1057	1059	1061	1063	1065	1067	1069	1071	1073	1074	1075	1077	1079	1081
X.	0.663	0.335	0.322	0.329	0.061	0.110	0.061	0.329	0.322	0.335	0.325	0.070	0.063	0.019	0.063
Y.	-0.656	-0.126	0.127	0.133	0.109	0.000	-0.109	-0.133	-0.127	0.126	0.128	0.117	0.112	0.000	-0.112
Z.	0.069	0.006	0.000	0.345	0.001	0.413	0.001	0.345	0.000	0.006	-0.006	-0.336	-0.010	-0.406	-0.010
NO	1083	1085													
X.	0.070	0.325													
Y.	-0.117	-0.128													
Z.	-0.336	-0.006													

LOAD CASE 6 地震荷重 (Y)

TOTAL X-LOAD=

0.000

Y-LOAD=

149.902

Z-LOAD=

0.000

UNIT: TON

トラス部

NO	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.280	0.267	0.264	0.269	0.267	0.267	0.280	0.267	0.267	0.269	0.264	0.267	0.280	0.267	0.267
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.267	0.267	0.267	0.280	0.267	0.267	0.267	0.267	0.267	0.280	0.267	0.267	0.267	0.267	0.267
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.280	0.267	0.267	0.267	0.267	0.267	0.280	0.267	0.267	0.267	0.267	0.267	0.280	0.267	0.267
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.267	0.267	0.267	0.339	0.331	0.412	0.346	0.339	0.339	0.339	0.339	0.346	0.412	0.331	0.339
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.339	0.338	0.338	0.338	0.338	0.339	0.339	0.338	0.338	0.338	0.338	0.339	0.339	0.338	0.338
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.338	0.338	0.339	0.339	0.338	0.338	0.338	0.338	0.339	0.339	0.338	0.338	0.338	0.338	0.339
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.339	0.338	0.338	0.338	0.338	0.339	0.342	0.345	0.330	0.423	0.362	0.341	0.341	0.362	0.423
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.330	0.345	0.342	0.342	0.346	0.346	0.346	0.346	0.342	0.342	0.346	0.346	0.346	0.346	0.342
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.342	0.346	0.346	0.346	0.346	0.342	0.342	0.346	0.346	0.346	0.346	0.342	0.342	0.346	0.346
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

LOAD CASE 6

NO	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.346	0.346	0.342	0.342	0.346	0.346	0.346	0.346	0.342	0.309	0.313	0.312	0.318	0.389	0.304
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.304	0.389	0.318	0.312	0.313	0.309	0.309	0.313	0.313	0.313	0.313	0.309	0.309	0.313	0.313
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.313	0.313	0.309	0.309	0.313	0.313	0.313	0.313	0.309	0.309	0.313	0.313	0.313	0.313	0.309
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.309	0.313	0.313	0.313	0.313	0.309	0.309	0.313	0.313	0.313	0.313	0.309	0.277	0.280	0.280
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.280	0.280	0.276	0.276	0.280	0.280	0.280	0.280	0.277	0.277	0.280	0.280	0.280	0.280	0.277
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.277	0.280	0.280	0.280	0.280	0.277	0.277	0.280	0.280	0.280	0.280	0.277	0.277	0.280	0.280
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.280	0.280	0.277	0.277	0.280	0.280	0.280	0.280	0.277	0.277	0.280	0.280	0.280	0.280	0.277
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.245	0.247	0.247	0.247	0.247	0.245	0.245	0.247	0.247	0.247	0.247	0.245	0.245	0.247	0.247
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.247	0.247	0.245	0.245	0.247	0.247	0.247	0.247	0.245	0.245	0.247	0.247	0.247	0.247	0.245
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

LOAD CASE 6

NO	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.245	0.247	0.247	0.247	0.247	0.245	0.245	0.247	0.247	0.247	0.247	0.245	0.245	0.247	0.247
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.247	0.247	0.245	0.212	0.214	0.214	0.214	0.214	0.212	0.212	0.214	0.214	0.214	0.214	0.212
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.212	0.214	0.214	0.214	0.214	0.212	0.212	0.214	0.214	0.214	0.214	0.212	0.212	0.214	0.214
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.214	0.214	0.212	0.212	0.214	0.214	0.214	0.214	0.212	0.212	0.214	0.214	0.214	0.214	0.212
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.212	0.214	0.214	0.214	0.214	0.212	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.161	0.675	0.063	0.063	0.679	0.063	0.063
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.675	0.063	0.063	0.679	0.063	0.063	0.675	0.063	0.063	0.679	0.063	0.063	0.675	0.063	0.063
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

LOAD CASE 6

NO	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.679	0.063	0.063	0.675	0.063	0.063	0.679	0.063	0.063	0.675	0.063	0.063	0.679	0.063	0.063
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	805	806	807	808	809	810	811	812	813	814	815	816	945	946	947
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.675	0.063	0.063	0.679	0.063	0.063	0.675	0.063	0.063	0.679	0.063	0.063	0.193	0.193	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193	0.193
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.193	0.193	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.134	0.134	0.134	0.134	0.075	0.075	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.075	0.075	0.075	0.075
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.134	0.000
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.134	0.134	0.134	0.134	0.134	0.075	0.075	0.075	0.075	0.075	0.075	0.134	0.134	0.134	0.134
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

LOAD CASE 6

NO	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.134	0.134	0.134	0.134	0.268	0.134	0.134	0.134	0.268	0.134	0.134	0.134	0.268	0.134	0.134
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	1068	1069	1070	1071	1072	1073	1075	1076	1077	1078	1079	1080	1081	1082	1083
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.134	0.209	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.075	0.209	0.134	0.134	0.134	0.268
Z.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
NO	1084	1085	1086	1089	1100										
X.	0.000	0.000	0.000	0.000	0.000										
Y.	0.134	0.134	0.134	0.075	0.075										
Z.	0.000	0.000	0.000	0.000	0.000										

LOAD CASE 6
 トップライト部

NO	769	772	775	778	781	784	787	790	793	796	799	802	805	808	811
X.	-0.019	0.000	0.019	0.656	0.538	0.001	-0.019	-0.592	-0.579	0.000	0.579	0.592	0.019	-0.001	-0.538
Y.	0.042	0.007	0.042	0.663	0.600	1.233	1.199	0.601	0.604	0.009	0.604	0.601	1.199	1.233	0.600
Z.	-1.052	0.055	-1.052	0.069	-0.467	0.050	0.378	0.036	0.954	0.007	0.954	0.036	0.378	0.050	-0.467
NO	814	1057	1059	1061	1063	1065	1067	1069	1071	1073	1074	1075	1077	1079	1081
X.	-0.656	0.000	0.112	0.117	0.128	0.126	-0.127	-0.133	-0.109	0.000	0.109	0.133	0.127	-0.126	-0.128
Y.	0.663	0.019	0.063	0.070	0.325	0.335	0.322	0.329	0.061	0.110	0.061	0.329	0.322	0.335	0.325
Z.	0.069	-0.406	-0.010	-0.336	-0.006	0.006	0.000	0.345	0.001	0.413	0.001	0.345	0.000	0.006	-0.006
NO	1083	1085													
X.	-0.117	-0.112													
Y.	0.070	0.063													
Z.	-0.336	-0.010													

LOAD CASE 7 地震荷重 (-Z)
TOTAL X-LOAD= 0.000 Y-LOAD= 0.000 Z-LOAD= -499.652 UNIT: TON
トラス部

NO	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.934	-0.889	-0.880	-0.898	-0.889	-0.889	-0.934	-0.889	-0.889	-0.898	-0.880	-0.889	-0.934	-0.889	-0.889
NO	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.889	-0.889	-0.889	-0.934	-0.889	-0.889	-0.889	-0.889	-0.889	-0.934	-0.889	-0.889	-0.889	-0.889	-0.889
NO	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.934	-0.889	-0.889	-0.889	-0.889	-0.889	-0.934	-0.889	-0.889	-0.889	-0.889	-0.889	-0.934	-0.889	-0.889
NO	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.889	-0.889	-0.889	-1.129	-1.103	-1.373	-1.153	-1.130	-1.129	-1.129	-1.130	-1.153	-1.373	-1.103	-1.129
NO	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.129	-1.127	-1.127	-1.127	-1.127	-1.129	-1.129	-1.127	-1.127	-1.127	-1.127	-1.129	-1.129	-1.127	-1.127
NO	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.127	-1.127	-1.129	-1.129	-1.127	-1.127	-1.127	-1.127	-1.129	-1.129	-1.127	-1.127	-1.127	-1.127	-1.129
NO	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.129	-1.127	-1.127	-1.127	-1.127	-1.129	-1.139	-1.151	-1.100	-1.408	-1.208	-1.138	-1.138	-1.208	-1.408
NO	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.100	-1.151	-1.139	-1.139	-1.154	-1.154	-1.154	-1.154	-1.139	-1.139	-1.154	-1.154	-1.154	-1.154	-1.139
NO	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.139	-1.154	-1.154	-1.154	-1.154	-1.139	-1.139	-1.154	-1.154	-1.154	-1.154	-1.139	-1.139	-1.154	-1.154

LOAD CASE 7

NO	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.154	-1.154	-1.139	-1.139	-1.154	-1.154	-1.154	-1.154	-1.139	-1.031	-1.044	-1.039	-1.060	-1.298	-1.015
NO	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.015	-1.298	-1.060	-1.039	-1.044	-1.031	-1.031	-1.044	-1.044	-1.044	-1.044	-1.031	-1.031	-1.044	-1.044
NO	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.044	-1.044	-1.031	-1.031	-1.044	-1.044	-1.044	-1.044	-1.031	-1.031	-1.044	-1.044	-1.044	-1.044	-1.031
NO	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-1.031	-1.044	-1.044	-1.044	-1.044	-1.031	-1.031	-1.044	-1.044	-1.044	-1.044	-1.031	-0.923	-0.933	-0.933
NO	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.934	-0.935	-0.921	-0.921	-0.935	-0.934	-0.933	-0.933	-0.923	-0.923	-0.933	-0.933	-0.933	-0.933	-0.923
NO	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.923	-0.933	-0.933	-0.933	-0.933	-0.923	-0.923	-0.933	-0.933	-0.933	-0.933	-0.923	-0.923	-0.933	-0.933
NO	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.933	-0.933	-0.923	-0.923	-0.933	-0.933	-0.933	-0.933	-0.923	-0.923	-0.933	-0.933	-0.933	-0.933	-0.923
NO	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.815	-0.823	-0.823	-0.823	-0.823	-0.815	-0.815	-0.823	-0.823	-0.823	-0.823	-0.815	-0.815	-0.823	-0.823
NO	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.823	-0.823	-0.815	-0.815	-0.823	-0.823	-0.823	-0.823	-0.815	-0.815	-0.823	-0.823	-0.823	-0.823	-0.815

LOAD CASE 7

NO	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.815	-0.823	-0.823	-0.823	-0.823	-0.815	-0.815	-0.823	-0.823	-0.823	-0.823	-0.815	-0.815	-0.823	-0.823
NO	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.823	-0.823	-0.815	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707
NO	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707	-0.707	-0.712	-0.712
NO	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.712	-0.712	-0.707	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707
NO	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.707	-0.712	-0.712	-0.712	-0.712	-0.707	-0.537	-0.536	-0.535	-0.535	-0.536	-0.537	-0.537	-0.536	-0.535
NO	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.535	-0.536	-0.537	-0.537	-0.536	-0.535	-0.535	-0.536	-0.537	-0.537	-0.536	-0.535	-0.535	-0.536	-0.537
NO	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.537	-0.536	-0.535	-0.535	-0.536	-0.537	-0.537	-0.536	-0.535	-0.535	-0.536	-0.537	-0.537	-0.536	-0.535
NO	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.535	-0.536	-0.537	-0.537	-0.536	-0.535	-0.535	-0.536	-0.537	-0.366	-0.211	-0.211	-0.378	-0.211	-0.211
NO	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.366	-0.211	-0.211	-0.378	-0.211	-0.211	-0.366	-0.211	-0.211	-0.378	-0.211	-0.211	-0.366	-0.211	-0.211

LOAD CASE 7

NO	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.378	-0.211	-0.211	-0.366	-0.211	-0.211	-0.378	-0.211	-0.211	-0.366	-0.211	-0.211	-0.378	-0.211	-0.211
NO	805	806	807	808	809	810	811	812	813	814	815	816	945	946	947
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.366	-0.211	-0.211	-0.378	-0.211	-0.211	-0.366	-0.211	-0.211	-0.378	-0.211	-0.211	-0.643	-0.643	-0.643
NO	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643	-0.643
NO	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.643	-0.643	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447
NO	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447
NO	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.447	-0.447	-0.447	-0.250	-0.250	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447
NO	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.250	-0.250	-0.250	-0.250
NO	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447	-0.447
NO	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.447	-0.447	-0.447	-0.447	-0.250	-0.250	-0.250	-0.250	-0.250	-0.250	-0.447	-0.447	-0.447	-0.447

LOAD CASE 7

NO	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.447	-0.447	-0.447	-0.894	-0.447	-0.447	-0.447	-0.894	-0.447	-0.447	-0.447	-0.894	-0.447	-0.447
NO	1068	1069	1070	1071	1072	1073	1075	1076	1077	1078	1079	1080	1081	1082	1083
X.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Y.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Z.	-0.447	-0.697	-0.250	-0.250	-0.250	-0.250	-0.250	-0.250	-0.250	-0.250	-0.697	-0.447	-0.447	-0.447	-0.894
NO	1084	1085	1086	1089	1100										
X.	0.000	0.000	0.000	0.000	0.000										
Y.	0.000	0.000	0.000	0.000	0.000										
Z.	-0.447	-0.447	-0.447	-0.250	-0.250										

LOAD CASE 7
 (トップライト部)

NO	769	772	775	778	781	784	787	790	793	796	799	802	805	808	811
X.	0.048	0.000	-0.048	-0.201	-0.113	-0.284	-0.113	-0.201	-0.048	0.000	0.048	0.201	0.113	0.284	0.113
Y.	0.113	0.284	0.113	0.201	0.048	0.000	-0.048	-0.201	-0.113	-0.284	-0.113	-0.201	-0.048	0.000	0.048
Z.	-3.480	-3.194	-3.480	-3.194	-3.480	-3.194	-3.480	-3.194	-3.480	-3.194	-3.480	-3.194	-3.480	-3.194	-3.480
NO	814	1057	1059	1061	1063	1065	1067	1069	1071	1073	1074	1075	1077	1079	1081
X.	0.201	0.000	-0.016	-0.020	-0.040	-0.028	-0.040	-0.020	-0.016	0.000	0.016	0.020	0.040	0.028	0.040
Y.	0.201	0.028	0.040	0.020	0.016	0.000	-0.016	-0.020	-0.040	-0.028	-0.040	-0.020	-0.016	0.000	0.016
Z.	-3.194	-1.200	-1.325	-1.200	-1.325	-1.200	-1.325	-1.200	-1.325	-1.200	-1.325	-1.200	-1.325	-1.200	-1.325
NO	1083	1085													
X.	0.020	0.016													
Y.	0.020	0.040													
Z.	-1.200	-1.325													

5-3. 応力解析

1) 応力表

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE: UNIT=TON	CASE11	CASE12	CASE13	(-): 圧縮, (+): 引張
1	36.095	19.686	-36.836	-25.044	-17.186	19.530	36.150	55.780	-0.742	11.050	18.909	55.625	72.244		
2	29.758	16.368	-24.471	-18.210	-11.775	17.669	29.810	46.126	5.287	11.549	17.984	47.427	59.568		
3	34.918	18.380	-17.229	-24.611	-3.775	14.824	34.946	53.298	17.689	10.307	31.143	49.742	69.864		
4	37.162	19.342	-10.722	-27.543	1.527	14.388	37.173	56.504	26.441	9.619	38.689	51.550	74.335		
5	34.150	16.868	8.854	-22.996	9.607	15.831	34.162	51.019	43.004	11.154	43.757	49.981	68.312		
6	41.019	19.963	13.467	-29.564	14.315	17.778	41.018	60.981	54.485	11.455	55.333	58.796	82.037		
7	41.020	19.963	-48.757	-23.255	-22.672	2.461	41.020	60.984	-7.736	17.766	18.348	43.481	82.040		
8	34.151	16.869	-38.953	-17.409	-17.974	4.416	34.163	51.019	-4.802	16.742	16.176	38.567	68.313		引張 MAX
9	37.162	19.342	-23.243	-21.481	-11.253	9.098	37.173	56.504	13.919	15.681	25.909	46.260	74.335		
10	34.917	18.380	-15.719	-17.331	-7.808	13.158	34.945	53.296	19.197	17.586	27.109	48.074	69.862		
11	29.758	16.368	-7.097	-8.263	-4.161	20.827	29.810	46.126	22.661	21.496	25.597	50.585	59.568		
12	36.095	19.686	-0.665	-13.263	-1.647	25.970	36.151	55.781	35.431	22.833	34.448	62.066	72.246		
13	37.825	19.881	-30.206	-29.313	-13.170	-13.868	37.837	57.706	7.619	8.512	24.655	23.957	75.662		
14	34.774	18.334	-28.179	-20.521	-12.228	-7.728	34.793	53.107	6.595	14.252	22.546	27.046	69.567		
15	32.858	17.388	-26.888	-13.044	-11.660	-2.600	32.884	50.246	5.970	19.814	21.198	30.258	65.742		
16	32.919	17.454	-26.958	-8.119	-11.677	1.092	32.948	50.373	5.962	24.800	21.242	34.011	65.868		
17	35.075	18.606	-28.324	-2.499	-12.261	5.681	35.103	53.681	6.751	32.576	22.814	40.756	70.178		
18	38.429	20.401	-30.448	3.177	-13.232	10.770	38.455	58.830	7.981	41.606	25.197	49.199	76.884		
19	38.344	20.697	-1.134	-41.094	-1.457	-17.437	38.391	59.041	37.210	-2.750	36.887	20.907	76.736		
20	35.053	18.894	-8.112	-30.345	-4.116	-13.419	35.100	53.947	26.941	4.708	30.937	21.634	70.153		
21	32.952	17.758	-14.705	-21.087	-6.601	-10.097	32.999	50.710	18.247	11.864	26.351	22.855	65.951		
22	32.944	17.734	-20.383	-15.385	-8.781	-7.866	32.990	50.678	12.561	17.559	24.163	25.078	65.934		
23	35.016	18.802	-29.532	-8.834	-11.931	-5.449	35.058	53.818	5.484	26.182	23.085	29.567	70.074		
24	38.269	20.514	-40.102	-1.949	-15.675	-2.959	38.307	58.784	-1.833	36.320	22.594	35.310	76.576		
25	38.653	20.973	2.372	-29.814	9.834	-12.214	38.711	59.626	41.025	8.839	48.487	26.439	77.364		
26	35.321	19.157	-3.017	-27.917	5.392	-11.518	35.378	54.478	32.304	7.404	40.713	23.802	70.698		
27	33.199	18.017	-8.357	-26.693	1.480	-11.108	33.257	51.216	24.842	6.507	34.679	22.092	66.457		
28	33.194	18.003	-13.045	-26.691	-1.544	-11.163	33.251	51.197	20.149	6.503	31.650	22.032	66.445		
29	35.272	19.092	-20.122	-27.914	-5.471	-11.718	35.326	54.364	15.150	7.358	29.801	23.554	70.598		
30	38.534	20.835	-28.311	-29.803	-9.937	-12.592	38.586	59.369	10.224	8.731	28.597	25.942	77.120		
31	38.536	20.836	-21.204	-1.899	15.938	-1.869	38.587	59.372	17.332	36.636	54.474	36.667	77.123		
32	35.273	19.092	-18.565	-8.770	12.161	-4.409	35.327	54.365	16.708	26.503	47.434	30.864	70.600		
33	33.195	18.003	-17.493	-15.282	8.992	-6.794	33.252	51.198	15.702	17.913	42.187	26.401	66.447		
34	33.200	18.017	-18.313	-20.911	6.815	-8.894	33.258	51.217	14.887	12.289	40.015	24.306	66.458		
35	35.322	19.158	-21.280	-30.070	4.342	-11.951	35.379	54.479	14.042	5.251	39.663	23.370	70.701		
36	38.655	20.973	-25.670	-40.699	1.695	-15.584	38.712	59.628	12.985	-2.044	40.350	23.070	77.367		
37	38.268	20.514	-30.618	2.475	13.177	8.993	38.305	58.782	7.650	40.743	51.445	47.262	76.574		
38	35.015	18.801	-26.188	-3.008	12.290	4.587	35.057	53.817	8.828	32.007	47.305	39.602	70.072		
39	32.944	17.734	-23.679	-8.447	11.771	0.651	32.989	50.678	9.265	24.497	44.715	33.595	65.933		
40	32.951	17.757	-23.702	-13.240	11.807	-2.467	32.998	50.708	9.249	19.711	44.758	30.484	65.949		
41	35.052	18.894	-26.322	-20.453	12.401	-6.571	35.099	53.946	8.730	14.599	47.453	28.480	70.151		
42	38.343	20.696	-30.929	-28.818	13.364	-11.290	38.390	59.039	7.414	9.525	51.707	27.053	76.733		
43	38.430	20.401	-23.655	-20.452	1.743	16.967	38.457	58.832	14.775	17.978	40.174	55.398	76.887		
44	35.076	18.607	-18.976	-18.015	4.654	12.681	35.104	53.683	16.100	17.061	39.730	47.758	70.180		
45	32.920	17.454	-15.465	-17.147	7.483	9.024	32.949	50.374	17.455	15.773	40.403	41.944	65.869		

組合せ ケース

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
46	32.858	17.388	-13.876	-18.155	10.080	6.401	32.885	50.246	18.983	14.704	42.939	39.259	65.743
47	34.775	18.334	-13.321	-21.381	14.108	3.178	34.795	53.109	21.454	13.394	48.883	37.953	69.570
48	37.827	19.882	-13.650	-26.141	19.114	-0.498	37.838	57.709	24.177	11.686	56.941	37.329	75.665
49	8.073	4.427	-5.622	-2.091	-0.814	3.791	8.093	12.500	2.450	5.981	7.259	11.863	16.166
50	3.362	2.040	-2.033	0.030	-0.124	2.357	3.377	5.402	1.329	3.392	3.239	5.719	6.739
51	3.288	1.835	0.017	-1.950	1.706	0.908	3.298	5.123	3.305	1.338	4.994	4.196	6.586
52	5.072	2.702	-2.436	-3.222	0.075	1.339	5.066	7.774	2.636	1.850	5.147	6.412	10.138
53	4.077	2.135	-2.560	-1.029	-1.306	1.669	4.077	6.212	1.517	3.048	2.771	5.746	8.154
54	10.916	5.583	-5.761	-6.107	-1.372	3.036	10.912	16.499	5.155	4.809	9.545	13.952	21.828
55	10.916	5.583	-4.314	-5.310	-1.177	3.115	10.912	16.499	6.602	5.606	9.739	14.031	21.827
56	4.077	2.135	-1.525	-0.068	-0.263	2.105	4.077	6.212	2.553	4.009	3.814	6.182	8.154
57	5.072	2.702	-2.356	-2.407	-1.004	0.891	5.066	7.774	2.716	2.664	4.068	5.963	10.138
58	3.287	1.835	-3.675	-1.382	-1.842	-0.559	3.297	5.122	-0.388	1.905	1.445	2.728	6.584
59	3.362	2.040	-2.785	0.123	-1.577	1.756	3.377	5.402	0.578	3.485	1.785	5.118	6.740
60	8.073	4.427	-3.830	-2.233	-2.105	3.257	8.093	12.500	4.242	5.840	5.967	11.329	16.166
61	8.511	4.573	-5.398	-3.568	-2.570	1.482	8.528	13.084	3.114	4.943	5.941	9.993	17.040
62	5.208	2.823	-4.020	-1.968	-1.760	0.867	5.217	8.031	1.188	3.240	3.448	6.074	10.425
63	4.266	2.297	-3.588	-2.374	-1.455	0.278	4.269	6.563	0.678	1.892	2.811	4.544	8.535
64	4.160	2.234	-3.611	-2.494	-1.462	0.242	4.163	6.394	0.549	1.666	2.698	4.403	8.323
65	4.865	2.611	-4.043	-3.113	-1.765	-0.092	4.873	7.476	0.822	1.752	3.100	4.773	9.738
66	7.913	4.217	-5.388	-4.109	-2.543	-0.172	7.928	12.130	2.525	3.804	5.370	7.741	15.842
67	7.835	4.195	-3.562	-4.554	-1.955	-1.545	7.852	12.030	4.273	3.281	5.880	6.290	15.687
68	4.915	2.662	-2.550	-1.580	-1.430	-1.010	4.924	7.577	2.364	3.334	3.485	3.905	9.839
69	4.114	2.230	-1.444	-1.362	-0.978	-1.075	4.118	6.344	2.669	2.752	3.136	3.038	8.232
70	4.104	2.225	-1.300	-1.485	-0.973	-1.098	4.108	6.329	2.804	2.618	3.131	3.005	8.212
71	4.882	2.651	-1.500	-2.566	-0.953	-1.555	4.892	7.533	3.382	2.316	3.929	3.327	9.774
72	7.781	4.188	-4.424	-3.569	-1.501	-2.067	7.799	11.970	3.357	4.212	6.280	5.714	15.580
73	7.802	4.214	-3.912	-5.324	-0.260	-2.512	7.820	12.016	3.889	2.477	7.542	5.290	15.622
74	4.903	2.680	-3.376	-3.997	-0.307	-1.732	4.914	7.583	1.527	0.906	4.597	3.171	9.817
75	4.111	2.249	-2.628	-3.584	-0.005	-1.425	4.117	6.360	1.482	0.527	4.106	2.686	8.227
76	4.082	2.234	-2.350	-3.594	-0.035	-1.432	4.088	6.317	1.732	0.489	4.048	2.650	8.170
77	4.840	2.650	-1.875	-4.033	0.252	-1.745	4.851	7.490	2.965	0.807	5.092	3.095	9.691
78	7.923	4.285	-3.509	-5.399	0.363	-2.543	7.943	12.208	4.414	2.524	8.287	5.380	15.866
79	7.923	4.285	-2.959	-3.757	1.542	-2.055	7.943	12.208	4.965	4.166	9.465	5.868	15.866
80	4.840	2.651	-1.776	-2.429	1.057	-1.411	4.851	7.491	3.065	2.411	5.898	3.429	9.692
81	4.082	2.234	-1.511	-1.409	1.040	-0.987	4.088	6.316	2.571	2.673	5.122	3.095	8.170
82	4.110	2.249	-1.306	-1.337	1.013	-1.003	4.116	6.359	2.804	2.773	5.124	3.108	8.227
83	4.903	2.680	-1.001	-1.577	1.443	-1.007	4.915	7.583	3.903	3.326	6.346	3.896	9.818
84	7.802	4.214	-2.292	-4.530	1.960	-1.593	7.820	12.016	5.509	3.271	9.761	6.209	15.622
85	7.781	4.188	-2.530	-3.980	2.522	-0.400	7.799	11.970	5.251	3.802	10.304	7.381	15.580
86	4.882	2.651	-1.530	-3.413	1.774	-0.425	4.892	7.533	3.352	1.469	6.656	4.457	9.774
87	4.104	2.225	-1.670	-2.635	1.467	-0.088	4.109	6.329	2.434	1.469	5.571	4.016	8.213
88	4.114	2.230	-1.698	-2.318	1.454	-0.068	4.118	6.344	2.415	1.795	5.567	4.046	8.232
89	4.914	2.662	-1.611	-1.785	1.725	0.298	4.924	7.577	3.304	3.129	6.640	5.212	9.838
90	7.835	4.195	-2.572	-3.627	2.474	0.290	7.852	12.030	5.263	4.209	10.309	8.125	15.687

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
91	7.913	4.217	-2.257	-2.929	1.918	1.677	7.929	12.130	5.656	4.984	9.831	9.590	15.842
92	4.865	2.611	-0.954	-1.745	1.313	1.183	4.873	7.477	3.911	3.120	6.178	6.049	9.739
93	4.160	2.234	-1.397	-1.496	0.864	1.206	4.163	6.394	2.763	2.664	5.024	5.366	8.323
94	4.266	2.297	-1.829	-1.344	0.834	1.226	4.269	6.563	2.436	2.921	5.100	5.492	8.534
95	5.208	2.823	-2.621	-1.078	0.633	1.857	5.217	8.031	2.587	4.130	5.841	7.065	10.425
96	8.511	4.573	-4.498	-2.377	0.769	2.864	8.528	13.084	4.013	6.134	9.280	11.375	17.039
97	1.601	1.014	-0.862	2.865	-0.019	1.782	1.620	2.615	0.739	4.466	1.583	3.383	3.222
98	1.933	1.191	-1.589	0.781	0.409	1.034	1.948	3.124	0.343	2.714	2.341	2.967	3.880
99	1.486	0.896	-1.013	0.219	0.892	0.346	1.498	2.381	0.472	1.704	2.378	1.832	2.983
100	1.924	1.001	-2.518	-0.005	-0.378	0.354	1.929	2.925	-0.594	1.919	1.545	2.278	3.853
101	2.180	1.029	-4.180	0.265	-1.742	0.326	2.170	3.209	-2.000	2.445	0.438	2.506	4.350
102	3.240	1.680	-3.323	0.712	-1.166	1.301	3.232	4.921	-0.083	3.952	2.074	4.541	6.472
103	3.240	1.681	-0.297	0.518	-0.101	1.752	3.232	4.921	2.943	3.758	3.139	4.993	6.472
104	2.180	1.029	2.568	0.854	0.979	1.468	2.170	3.209	4.748	3.034	3.159	3.647	4.349
105	1.924	1.001	0.734	0.303	0.014	0.517	1.929	2.925	2.658	2.227	1.938	2.440	3.853
106	1.485	0.896	-0.951	-0.450	-0.869	-0.383	1.498	2.381	0.534	1.036	0.616	1.102	2.983
107	1.933	1.191	-1.250	-0.422	-1.016	0.444	1.948	3.124	0.682	1.511	0.917	2.377	3.880
108	1.602	1.014	-1.873	1.338	-1.246	1.273	1.621	2.616	-0.272	2.940	0.356	2.875	3.222
109	1.822	1.061	-2.460	0.192	-1.294	1.077	1.837	2.883	-0.637	2.015	0.528	2.899	3.660
110	2.222	1.244	-1.654	-1.510	-0.831	0.660	2.230	3.466	0.567	0.712	1.391	2.882	4.452
111	2.136	1.181	-1.374	-2.086	-0.628	0.415	2.140	3.317	0.762	0.049	1.507	2.551	4.275
112	2.096	1.148	-1.371	-2.302	-0.628	0.241	2.100	3.244	0.725	-0.206	1.468	2.337	4.196
113	2.123	1.151	-1.639	-2.104	-0.827	0.117	2.129	3.273	0.483	0.018	1.296	2.239	4.252
114	1.745	0.933	-2.384	-0.978	-1.263	-0.063	1.756	2.679	-0.639	0.768	0.483	1.682	3.502
115	1.751	0.928	-1.535	-0.967	-1.136	-0.477	1.762	2.679	0.216	0.784	0.615	1.274	3.513
116	1.963	1.060	-0.053	-0.175	-0.596	-0.454	1.969	3.023	1.909	1.788	1.367	1.509	3.931
117	1.958	1.062	0.356	0.403	-0.438	-0.377	1.961	3.019	2.314	2.360	1.520	1.580	3.918
118	1.953	1.060	0.382	0.381	-0.398	-0.439	1.956	3.013	2.335	2.334	1.555	1.514	3.909
119	1.953	1.057	-0.207	-0.021	-0.511	-0.603	1.959	3.011	1.746	1.933	1.442	1.350	3.912
120	1.745	0.932	-1.056	-1.490	-0.611	-1.146	1.756	2.677	0.689	0.255	1.134	0.599	3.500
121	1.744	0.934	-1.173	-2.319	-0.318	-1.275	1.755	2.678	0.571	-0.575	1.426	0.469	3.500
122	1.957	1.065	-1.849	-1.602	-0.024	-0.812	1.963	3.022	0.108	0.355	1.933	1.145	3.920
123	1.958	1.070	-2.197	-1.344	0.001	-0.621	1.962	3.028	-0.239	0.614	1.960	1.337	3.920
124	1.971	1.077	-2.012	-1.341	0.065	-0.626	1.974	3.047	-0.041	0.629	2.036	1.345	3.945
125	2.022	1.100	-1.450	-1.588	0.145	-0.825	2.029	3.123	0.572	0.434	2.167	1.197	4.051
126	1.646	0.890	0.172	-2.293	0.317	-1.257	1.658	2.536	1.818	-0.647	1.963	0.389	3.304
127	1.646	0.890	1.272	-1.389	0.663	-1.113	1.658	2.536	2.918	0.257	2.309	0.533	3.304
128	2.022	1.100	-0.190	-0.211	0.482	-0.685	2.029	3.123	1.832	1.812	2.504	1.338	4.051
129	1.971	1.077	-0.461	0.298	0.399	-0.486	1.974	3.047	1.510	2.269	2.370	1.485	3.945
130	1.958	1.070	-0.217	0.341	0.441	-0.438	1.962	3.028	1.741	2.299	2.399	1.520	3.920
131	1.957	1.065	0.474	-0.255	0.592	-0.557	1.963	3.022	2.431	1.702	2.549	1.400	3.920
132	1.744	0.934	2.282	-1.118	1.125	-0.678	1.756	2.679	4.026	0.626	2.870	1.066	3.500
133	1.744	0.932	2.490	-1.235	1.240	-0.380	1.756	2.677	4.234	0.509	2.985	1.364	3.500
134	1.953	1.057	0.761	-1.892	0.788	-0.065	1.959	3.011	2.715	0.061	2.742	1.888	3.913
135	1.953	1.060	0.136	-2.236	0.594	-0.028	1.956	3.013	2.089	-0.283	2.548	1.926	3.909

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
136	1.958	1.062	0.111	-2.068	0.579	0.045	1.961	3.019	2.069	-0.110	2.537	2.002	3.918
137	1.963	1.060	0.697	-1.579	0.743	0.101	1.969	3.022	2.660	0.384	2.705	2.064	3.931
138	1.751	0.928	2.369	0.266	1.139	0.466	1.762	2.679	4.120	2.017	2.890	2.217	3.513
139	1.745	0.934	2.015	1.322	0.936	0.848	1.756	2.679	3.760	3.068	2.681	2.593	3.502
140	2.123	1.151	0.178	-0.165	0.503	0.668	2.129	3.273	2.301	1.958	2.626	2.790	4.252
141	2.096	1.148	-0.610	-0.446	0.277	0.616	2.100	3.244	1.486	1.650	2.373	2.712	4.196
142	2.136	1.181	-1.037	-0.197	0.154	0.739	2.140	3.317	1.099	1.939	2.289	2.875	4.275
143	2.222	1.244	-1.037	0.535	0.123	1.055	2.230	3.466	1.185	2.757	2.344	3.277	4.452
144	1.822	1.061	0.071	2.481	0.153	1.677	1.838	2.883	1.893	4.303	1.975	3.499	3.660
145	-1.191	-0.475	1.369	5.927	0.206	1.278	-1.169	-1.666	0.178	4.736	-0.985	0.087	-2.360
146	0.122	0.189	-0.920	2.831	0.404	0.482	0.138	0.311	-0.798	2.954	0.526	0.604	0.260
147	0.137	0.140	-1.051	2.039	0.547	0.024	0.148	0.277	-0.914	2.176	0.684	0.161	0.284
148	-0.007	-0.009	-1.742	2.268	-0.150	-0.030	0.001	-0.016	-1.749	2.261	-0.157	-0.036	-0.006
149	0.411	0.124	-2.873	2.150	-1.166	0.076	0.408	0.535	-2.462	2.561	-0.755	0.488	0.819
150	0.157	0.066	-1.460	4.595	-0.736	1.231	0.160	0.223	-1.303	4.751	-0.579	1.387	0.317
151	0.156	0.066	0.397	4.132	-0.369	1.401	0.160	0.222	0.553	4.289	-0.212	1.558	0.317
152	0.411	0.124	3.041	2.208	0.750	0.886	0.408	0.535	3.452	2.619	1.161	1.297	0.819
153	-0.007	-0.009	1.605	1.577	0.126	0.091	0.001	-0.016	1.598	1.570	0.119	0.084	-0.006
154	0.137	0.140	0.565	0.548	-0.398	-0.365	0.148	0.277	0.702	0.685	-0.261	-0.228	0.285
155	0.122	0.189	0.196	0.607	-0.623	0.057	0.138	0.311	0.318	0.729	-0.501	0.179	0.260
156	-1.191	-0.475	-0.934	2.838	-1.051	0.756	-1.169	-1.666	-2.125	1.647	-2.242	-0.435	-2.361
157	-1.236	-0.519	-1.150	2.482	-0.954	1.090	-1.216	-1.754	-2.386	1.247	-2.190	-0.146	-2.452
158	0.164	0.184	-0.437	-0.617	-0.472	0.729	0.174	0.348	-0.273	-0.453	-0.308	0.893	0.338
159	0.796	0.494	-0.187	-2.188	-0.253	0.483	0.799	1.290	0.609	-1.392	0.543	1.279	1.595
160	0.767	0.455	-0.162	-2.609	-0.251	0.279	0.769	1.223	0.605	-1.842	0.517	1.047	1.536
161	0.085	0.068	-0.349	-2.027	-0.460	0.093	0.091	0.153	-0.265	-1.942	-0.375	0.178	0.175
162	-1.354	-0.720	-0.933	-0.311	-0.915	-0.166	-1.342	-2.074	-2.287	-1.665	-2.269	-1.520	-2.696
163	-1.384	-0.744	-0.473	1.200	-0.953	-0.109	-1.373	-2.129	-1.857	-0.185	-2.337	-1.494	-2.757
164	0.000	0.002	0.993	1.791	-0.455	-0.035	0.005	0.002	0.992	1.790	-0.455	-0.035	0.004
165	0.630	0.345	1.712	1.947	-0.202	-0.039	0.630	0.974	2.342	2.577	0.428	0.591	1.260
166	0.620	0.338	1.914	1.758	-0.120	-0.152	0.619	0.957	2.533	2.378	0.499	0.468	1.239
167	-0.032	-0.019	1.763	1.055	-0.165	-0.425	-0.027	-0.051	1.732	1.023	-0.197	-0.457	-0.059
168	-1.438	-0.780	1.170	-0.397	-0.312	-0.937	-1.427	-2.218	-0.269	-1.835	-1.750	-2.375	-2.866
169	-1.442	-0.782	-0.296	-0.861	-0.403	-0.913	-1.431	-2.224	-1.738	-2.303	-1.845	-2.355	-2.873
170	-0.040	-0.023	-1.951	-0.289	-0.167	-0.460	-0.036	-0.063	-1.991	-0.329	-0.207	-0.500	-0.076
171	0.605	0.331	-2.481	-0.105	-0.025	-0.256	0.605	0.936	-1.876	0.500	0.580	0.349	1.210
172	0.609	0.333	-2.047	-0.106	0.089	-0.264	0.608	0.941	-1.438	0.503	0.697	0.344	1.217
173	-0.049	-0.026	-0.444	-0.290	0.221	-0.482	-0.044	-0.075	-0.493	-0.339	0.172	-0.530	-0.093
174	-1.470	-0.794	2.717	-0.861	0.450	-0.942	-1.459	-2.264	1.247	-2.332	-1.021	-2.413	-2.930
175	-1.471	-0.794	3.283	-0.415	0.343	-0.986	-1.460	-2.265	1.813	-1.885	-1.127	-2.456	-2.930
176	-0.049	-0.026	1.119	1.014	0.185	-0.494	-0.044	-0.075	1.071	0.965	0.136	-0.543	-0.093
177	0.609	0.333	0.385	1.701	0.130	-0.244	0.609	0.942	0.994	2.309	0.739	0.364	1.217
178	0.605	0.331	0.855	1.898	0.205	-0.159	0.605	0.936	1.460	2.503	0.810	0.446	1.210
179	-0.040	-0.023	2.565	1.735	0.444	-0.207	-0.036	-0.063	2.524	1.695	0.404	-0.247	-0.076
180	-1.442	-0.782	5.834	1.122	0.926	-0.365	-1.431	-2.225	4.392	-0.320	-0.516	-1.807	-2.874

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
181	-1.438	-0.780	6.016	-0.350	0.878	-0.446	-1.427	-2.218	4.578	-1.788	-0.560	-1.885	-2.866
182	-0.032	-0.019	3.047	-1.992	0.417	-0.184	-0.027	-0.051	3.015	-2.024	0.385	-0.216	-0.059
183	0.619	0.338	1.684	-2.520	0.197	-0.019	0.619	0.957	2.303	-1.901	0.817	0.600	1.239
184	0.630	0.344	1.636	-2.093	0.175	0.119	0.630	0.974	2.266	-1.464	0.805	0.749	1.259
185	0.000	0.002	2.896	-0.480	0.347	0.299	0.005	0.002	2.896	-0.481	0.346	0.299	0.004
186	-1.384	-0.744	5.740	2.704	0.746	0.596	-1.373	-2.128	4.356	1.320	-0.638	-0.789	-2.757
187	-1.354	-0.721	5.442	3.275	0.760	0.528	-1.342	-2.075	4.088	1.921	-0.594	-0.826	-2.696
188	0.085	0.068	2.074	1.100	0.261	0.391	0.091	0.153	2.159	1.185	0.346	0.476	0.175
189	0.767	0.456	0.224	0.364	-0.013	0.377	0.769	1.223	0.991	1.132	0.754	1.144	1.537
190	0.796	0.494	-0.454	0.846	-0.155	0.523	0.799	1.290	0.342	1.642	0.641	1.319	1.595
191	0.164	0.184	-0.001	2.583	-0.180	0.851	0.174	0.348	0.163	2.747	-0.016	1.015	0.338
192	-1.236	-0.519	1.803	5.894	-0.099	1.446	-1.216	-1.755	0.567	4.658	-1.335	0.210	-2.452
193	-3.525	-1.734	2.739	8.463	0.214	0.986	-3.505	-5.260	-0.786	4.938	-3.311	-2.539	-7.031
194	-1.682	-0.812	-0.199	4.939	0.318	0.212	-1.671	-2.494	-1.881	3.257	-1.364	-1.470	-3.353
195	-1.288	-0.658	-0.967	3.792	0.271	-0.182	-1.287	-1.945	-2.255	2.505	-1.017	-1.469	-2.574
196	-1.301	-0.723	-1.167	3.739	-0.045	-0.238	-1.305	-2.024	-2.469	2.438	-1.346	-1.539	-2.606
197	-1.612	-0.902	-1.264	4.603	-0.497	-0.004	-1.612	-2.514	-2.876	2.991	-2.108	-1.616	-3.224
198	-3.062	-1.639	0.218	7.667	-0.577	0.703	-3.062	-4.701	-2.845	4.604	-3.639	-2.360	-6.124
199	-3.062	-1.639	2.275	7.595	-0.103	0.904	-3.062	-4.701	-0.787	4.533	-3.166	-2.158	-6.124
200	-1.612	-0.902	3.055	4.160	0.349	0.355	-1.612	-2.514	1.444	2.549	-1.263	-1.257	-3.224
201	-1.301	-0.723	2.586	2.667	0.204	-0.126	-1.305	-2.025	1.284	1.365	-1.097	-1.427	-2.607
202	-1.288	-0.658	2.033	1.849	-0.055	-0.311	-1.287	-1.946	0.745	0.561	-1.343	-1.598	-2.575
203	-1.682	-0.812	1.379	1.892	-0.372	-0.072	-1.671	-2.494	-0.303	0.210	-2.054	-1.754	-3.353
204	-3.525	-1.734	0.270	3.911	-0.855	0.541	-3.505	-5.259	-3.255	0.386	-4.380	-2.984	-7.030
205	-3.545	-1.735	0.167	3.621	-0.730	0.965	-3.526	-5.280	-3.378	0.076	-4.275	-2.581	-7.071
206	-1.549	-0.709	0.582	-0.240	-0.246	0.710	-1.540	-2.258	-0.967	-1.789	-1.795	-0.839	-3.089
207	-0.871	-0.377	0.735	-1.827	-0.026	0.498	-0.871	-1.248	-0.136	-2.698	-0.897	-0.373	-1.742
208	-0.905	-0.423	0.782	-2.283	-0.020	0.300	-0.907	-1.328	-0.123	-3.188	-0.925	-0.605	-1.812
209	-1.653	-0.848	0.745	-1.669	-0.225	0.120	-1.649	-2.501	-0.908	-3.322	-1.879	-1.533	-3.302
210	-3.750	-1.990	0.515	0.448	-0.690	-0.108	-3.739	-5.740	-3.235	-3.302	-4.440	-3.858	-7.488
211	-3.777	-2.013	0.830	2.626	-0.784	0.085	-3.767	-5.790	-2.948	-1.151	-4.561	-3.692	-7.544
212	-1.742	-0.930	2.127	3.066	-0.306	0.184	-1.740	-2.672	0.385	1.324	-2.049	-1.558	-3.482
213	-1.056	-0.562	2.833	3.198	-0.050	0.168	-1.061	-1.618	1.777	2.142	-1.107	-0.888	-2.117
214	-1.072	-0.573	3.165	2.887	0.051	0.030	-1.077	-1.645	2.093	1.815	-1.021	-1.042	-2.148
215	-1.792	-0.966	3.057	2.205	0.012	-0.252	-1.790	-2.758	1.265	0.413	-1.780	-2.044	-3.582
216	-3.876	-2.089	2.656	0.940	-0.166	-0.757	-3.868	-5.965	-1.220	-2.936	-4.042	-4.634	-7.744
217	-3.881	-2.092	0.521	0.619	-0.385	-0.681	-3.872	-5.972	-3.360	-3.261	-4.266	-4.562	-7.752
218	-1.811	-0.980	-1.569	0.845	-0.182	-0.233	-1.809	-2.790	-3.380	-0.966	-1.993	-2.043	-3.620
219	-1.102	-0.594	-2.116	0.887	-0.033	-0.036	-1.108	-1.696	-3.218	-0.215	-1.135	-1.138	-2.210
220	-1.107	-0.597	-1.604	0.885	0.101	-0.046	-1.112	-1.704	-2.711	-0.222	-1.006	-1.153	-2.219
221	-1.831	-0.990	0.050	0.838	0.235	-0.265	-1.830	-2.821	-1.781	-0.993	-1.596	-2.096	-3.661
222	-3.906	-2.105	4.037	0.605	0.437	-0.745	-3.897	-6.011	0.132	-3.300	-3.469	-4.651	-7.803
223	-3.905	-2.105	4.409	0.918	0.208	-0.839	-3.897	-6.011	0.503	-2.988	-3.698	-4.745	-7.802
224	-1.831	-0.990	2.182	2.193	0.022	-0.350	-1.829	-2.821	0.351	0.362	-1.809	-2.181	-3.660
225	-1.107	-0.597	1.701	2.857	-0.027	-0.095	-1.112	-1.704	0.594	1.750	-1.134	-1.202	-2.219

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
226	-1.102	-0.594	2.375	3.165	0.060	0.006	-1.108	-1.696	1.273	2.063	-1.042	-1.096	-2.210
227	-1.811	-0.980	4.292	3.036	0.295	-0.035	-1.809	-2.790	2.481	1.226	-1.515	-1.846	-3.620
228	-3.880	-2.092	8.541	2.607	0.745	-0.217	-3.872	-5.972	4.660	-1.274	-3.135	-4.097	-7.752
229	-3.877	-2.089	8.705	0.464	0.643	-0.427	-3.868	-5.965	4.829	-3.413	-3.234	-4.303	-7.744
230	-1.792	-0.966	5.119	-1.621	0.170	-0.188	-1.790	-2.758	3.328	-3.413	-1.621	-1.980	-3.582
231	-1.071	-0.573	3.728	-2.166	-0.047	-0.009	-1.077	-1.645	2.656	-3.237	-1.119	-1.080	-2.148
232	-1.056	-0.562	3.663	-1.654	-0.074	0.162	-1.061	-1.618	2.607	-2.711	-1.130	-0.895	-2.118
233	-1.743	-0.930	4.911	0.003	0.087	0.350	-1.740	-2.672	3.168	-1.739	-1.655	-1.392	-3.482
234	-3.777	-2.013	8.289	3.968	0.485	0.613	-3.767	-5.790	4.512	0.191	-3.292	-3.165	-7.544
235	-3.750	-1.990	8.011	4.331	0.556	0.409	-3.739	-5.739	4.261	0.582	-3.193	-3.341	-7.488
236	-1.653	-0.848	3.630	2.099	0.077	0.244	-1.649	-2.501	1.977	0.446	-1.576	-1.409	-3.302
237	-0.905	-0.423	1.561	1.616	-0.185	0.230	-0.907	-1.328	0.656	0.710	-1.090	-0.675	-1.812
238	-0.871	-0.377	0.673	2.288	-0.321	0.374	-0.871	-1.248	-0.198	1.417	-1.191	-0.497	-1.742
239	-1.549	-0.709	0.894	4.199	-0.326	0.678	-1.540	-2.258	-0.655	2.650	-1.875	-0.871	-3.089
240	-3.545	-1.735	2.825	8.398	-0.174	1.198	-3.526	-5.280	-0.720	4.853	-3.719	-2.347	-7.071
241	-5.140	-2.629	2.783	9.949	0.144	0.619	-5.134	-7.769	-2.357	4.809	-4.996	-4.521	-10.274
242	-3.518	-1.819	0.716	6.990	0.240	0.055	-3.514	-5.336	-2.802	3.472	-3.278	-3.463	-7.031
243	-2.876	-1.520	-0.453	5.623	0.177	-0.301	-2.880	-4.396	-3.329	2.747	-2.699	-3.177	-5.756
244	-2.891	-1.557	-0.790	5.560	-0.004	-0.375	-2.898	-4.448	-3.680	2.670	-2.895	-3.265	-5.788
245	-3.502	-1.891	-0.423	6.725	-0.253	-0.201	-3.507	-5.393	-3.925	3.224	-3.755	-3.703	-7.009
246	-4.997	-2.685	1.428	9.440	-0.296	0.195	-5.006	-7.681	-3.568	4.443	-5.292	-4.801	-10.003
247	-4.996	-2.685	3.568	9.220	0.057	0.345	-5.006	-7.681	-1.428	4.223	-4.939	-4.652	-10.002
248	-3.501	-1.891	4.266	5.917	0.323	0.044	-3.507	-5.393	0.764	2.416	-3.179	-3.458	-7.009
249	-2.891	-1.557	3.867	3.831	0.279	-0.249	-2.898	-4.448	0.976	0.940	-2.612	-3.140	-5.789
250	-2.876	-1.520	3.195	2.766	0.100	-0.326	-2.880	-4.397	0.318	-0.110	-2.777	-3.202	-5.756
251	-3.517	-1.819	2.389	2.702	-0.203	-0.125	-3.513	-5.336	-1.128	-0.816	-3.720	-3.643	-7.031
252	-5.140	-2.629	1.865	3.951	-0.544	0.331	-5.134	-7.769	-3.275	-1.190	-5.685	-4.809	-10.274
253	-5.099	-2.582	1.684	3.346	-0.453	0.723	-5.092	-7.681	-3.415	-1.753	-5.552	-4.376	-10.191
254	-3.338	-1.663	1.667	0.588	-0.087	0.632	-3.332	-5.001	-1.670	-2.749	-3.424	-2.706	-6.670
255	-2.600	-1.293	1.802	-1.109	0.111	0.457	-2.601	-3.893	-0.798	-3.709	-2.489	-2.143	-5.201
256	-2.636	-1.338	1.869	-1.685	0.116	0.269	-2.639	-3.974	-0.767	-4.320	-2.519	-2.367	-5.274
257	-3.443	-1.796	1.879	-1.007	-0.071	0.103	-3.442	-5.238	-1.564	-4.450	-3.513	-3.340	-6.885
258	-5.261	-2.779	2.056	1.265	-0.432	0.036	-5.261	-8.040	-3.205	-3.996	-5.692	-5.225	-10.521
259	-5.290	-2.807	2.377	3.519	-0.522	0.227	-5.291	-8.098	-2.913	-1.771	-5.813	-5.063	-10.582
260	-3.525	-1.877	2.932	4.331	-0.210	0.346	-3.527	-5.402	-0.593	0.806	-3.735	-3.180	-7.052
261	-2.780	-1.482	3.702	4.291	0.038	0.307	-2.786	-4.262	0.922	1.512	-2.741	-2.472	-5.566
262	-2.802	-1.499	4.263	3.765	0.162	0.139	-2.809	-4.301	1.461	0.963	-2.640	-2.663	-5.611
263	-3.595	-1.932	4.343	3.036	0.141	-0.145	-3.598	-5.527	0.748	-0.559	-3.454	-3.740	-7.193
264	-5.418	-2.911	3.584	2.534	-0.055	-0.481	-5.422	-8.330	-1.834	-2.884	-5.473	-5.900	-10.840
265	-5.427	-2.918	1.378	2.226	-0.270	-0.415	-5.430	-8.345	-4.048	-3.201	-5.697	-5.842	-10.857
266	-3.621	-1.952	-0.872	2.039	-0.195	-0.076	-3.625	-5.574	-4.494	-1.583	-3.816	-3.698	-7.246
267	-2.851	-1.536	-1.487	2.055	-0.042	0.096	-2.859	-4.387	-4.338	-0.796	-2.892	-2.755	-5.710
268	-2.859	-1.541	-0.840	2.053	0.121	0.081	-2.867	-4.400	-3.699	-0.806	-2.739	-2.778	-5.727
269	-3.646	-1.967	0.932	2.031	0.265	-0.125	-3.650	-5.614	-2.714	-1.615	-3.381	-3.772	-7.296
270	-5.462	-2.941	3.763	2.212	0.338	-0.508	-5.466	-8.403	-1.699	-3.250	-5.124	-5.970	-10.928

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
271	-5.462	-2.941	4.337	2.517	0.111	-0.600	-5.466	-8.403	-1.125	-2.945	-5.351	-6.062	-10.928
272	-3.646	-1.967	2.873	3.029	-0.094	-0.270	-3.650	-5.613	-0.773	-0.617	-3.740	-3.916	-7.296
273	-2.859	-1.541	2.767	3.752	-0.128	-0.017	-2.867	-4.400	-0.092	0.893	-2.987	-2.876	-5.726
274	-2.851	-1.536	3.818	4.275	-0.024	0.107	-2.859	-4.387	0.967	1.424	-2.875	-2.744	-5.709
275	-3.621	-1.952	6.119	4.321	0.198	0.086	-3.624	-5.574	2.498	0.700	-3.424	-3.535	-7.246
276	-5.427	-2.918	9.877	3.529	0.477	-0.111	-5.430	-8.344	4.451	-1.898	-4.949	-5.538	-10.857
277	-5.418	-2.911	10.179	1.309	0.371	-0.311	-5.422	-8.330	4.760	-4.110	-5.048	-5.730	-10.840
278	-3.595	-1.932	7.126	-0.940	0.005	-0.201	-3.598	-5.528	3.530	-4.536	-3.590	-3.797	-7.193
279	-2.802	-1.499	5.682	-1.557	-0.202	-0.008	-2.809	-4.301	2.880	-4.359	-3.004	-2.810	-5.611
280	-2.780	-1.482	5.594	-0.914	-0.234	0.200	-2.787	-4.262	2.814	-3.694	-3.014	-2.580	-5.567
281	-3.525	-1.877	6.847	0.844	-0.093	0.399	-3.527	-5.402	3.321	-2.681	-3.618	-3.126	-7.052
282	-5.291	-2.807	9.674	3.633	0.201	0.531	-5.291	-8.098	4.384	-1.658	-5.090	-4.760	-10.582
283	-5.261	-2.779	9.232	4.190	0.273	0.329	-5.261	-8.040	3.971	-1.070	-4.987	-4.932	-10.521
284	-3.443	-1.796	5.400	2.735	-0.016	0.123	-3.442	-5.238	1.958	-0.708	-3.459	-3.319	-6.885
285	-2.636	-1.338	2.955	2.621	-0.257	0.111	-2.638	-3.974	0.319	-0.015	-2.892	-2.525	-5.274
286	-2.600	-1.293	1.726	3.656	-0.386	0.248	-2.601	-3.893	-0.874	1.056	-2.986	-2.352	-5.201
287	-3.337	-1.663	1.650	5.934	-0.379	0.510	-3.332	-5.000	-1.688	2.597	-3.716	-2.828	-6.670
288	-5.099	-2.582	2.978	9.664	-0.199	0.832	-5.092	-7.681	-2.121	4.565	-5.298	-4.267	-10.191
289	-8.993	-4.695	3.494	15.630	0.025	0.355	-9.043	-13.688	-5.500	6.637	-8.969	-8.638	-18.036
290	-7.085	-3.738	0.788	11.822	0.045	-0.251	-7.101	-10.822	-6.297	4.737	-7.040	-7.335	-14.186
291	-5.597	-2.983	-1.296	9.120	0.044	-0.611	-5.586	-8.580	-6.894	3.523	-5.554	-6.208	-11.183
292	-5.612	-3.012	-1.342	9.048	0.039	-0.734	-5.603	-8.623	-6.954	3.436	-5.573	-6.346	-11.215
293	-7.115	-3.819	0.838	11.589	0.031	-0.635	-7.139	-10.934	-6.277	4.474	-7.084	-7.750	-14.254
294	-9.015	-4.824	4.558	15.223	0.054	-0.295	-9.079	-13.839	-4.457	6.208	-8.962	-9.310	-18.095
295	-9.015	-4.824	6.388	14.490	0.192	-0.234	-9.079	-13.839	-2.628	5.475	-8.823	-9.249	-18.095
296	-7.115	-3.819	7.234	9.223	0.432	-0.468	-7.139	-10.934	0.119	2.108	-6.683	-7.583	-14.254
297	-5.612	-3.012	7.269	4.955	0.476	-0.554	-5.603	-8.624	1.658	-0.656	-5.135	-6.166	-11.215
298	-5.597	-2.983	6.726	3.145	0.387	-0.469	-5.586	-8.581	1.128	-2.453	-5.211	-6.067	-11.184
299	-7.085	-3.738	5.676	3.798	0.155	-0.202	-7.101	-10.822	-1.409	-3.287	-6.930	-7.287	-14.186
300	-8.993	-4.695	4.381	5.257	-0.234	0.252	-9.043	-13.688	-4.612	-3.736	-9.228	-8.742	-18.036
301	-8.935	-4.636	3.943	3.920	-0.236	0.486	-8.984	-13.571	-4.992	-5.016	-9.171	-8.449	-17.919
302	-6.909	-3.562	4.966	0.680	0.182	0.443	-6.920	-10.471	-1.942	-6.229	-6.726	-6.465	-13.828
303	-5.375	-2.749	5.624	-1.779	0.376	0.412	-5.355	-8.125	0.249	-7.154	-4.999	-4.963	-10.731
304	-5.391	-2.775	5.686	-2.036	0.368	0.372	-5.373	-8.166	0.295	-7.427	-5.023	-5.019	-10.764
305	-6.953	-3.634	5.145	0.199	0.156	0.341	-6.968	-10.587	-1.808	-6.754	-6.797	-6.612	-13.921
306	-8.992	-4.732	4.220	4.091	-0.286	0.320	-9.046	-13.724	-4.772	-4.901	-9.278	-8.672	-18.038
307	-9.026	-4.768	4.702	6.017	-0.314	0.369	-9.080	-13.793	-4.324	-3.009	-9.340	-8.656	-18.106
308	-7.042	-3.732	5.910	7.083	0.038	0.556	-7.060	-10.774	-1.132	0.041	-7.005	-6.486	-14.103
309	-5.536	-2.936	6.861	7.373	0.238	0.576	-5.524	-8.472	1.325	1.836	-5.299	-4.960	-11.060
310	-5.571	-2.966	7.307	6.997	0.308	0.443	-5.559	-8.537	1.736	1.425	-5.263	-5.129	-11.131
311	-7.146	-3.824	7.091	6.115	0.228	0.178	-7.167	-10.970	-0.056	-1.031	-6.918	-6.968	-14.313
312	-9.205	-4.926	6.110	4.989	-0.024	-0.234	-9.264	-14.131	-3.095	-4.216	-9.229	-9.439	-18.469
313	-9.225	-4.942	4.255	4.561	-0.095	-0.251	-9.284	-14.166	-4.970	-4.664	-9.319	-9.476	-18.509
314	-7.212	-3.877	0.418	5.527	-0.046	0.145	-7.234	-11.090	-6.794	-1.685	-7.258	-7.067	-14.447
315	-5.684	-3.058	-1.742	6.126	0.016	0.318	-5.675	-8.743	-7.427	0.442	-5.669	-5.366	-11.359

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON		
											CASE11	CASE12	CASE13
316	-5.698	-3.068	-1.414	6.124	0.100	0.287	-5.689	-8.766	-7.112	0.425	-5.598	-5.411	-11.387
317	-7.253	-3.906	1.097	5.519	0.178	0.051	-7.276	-11.159	-6.156	-1.734	-7.075	-7.202	-14.529
318	-9.289	-4.989	4.353	4.547	0.245	-0.418	-9.350	-14.278	-4.936	-4.743	-9.044	-9.707	-18.639
319	-9.289	-4.989	5.653	4.971	0.154	-0.452	-9.350	-14.278	-3.637	-4.318	-9.135	-9.742	-18.640
320	-7.253	-3.906	4.081	6.103	-0.150	-0.088	-7.276	-11.159	-3.172	-1.150	-7.403	-7.341	-14.529
321	-5.698	-3.068	3.398	6.984	-0.284	0.121	-5.689	-8.766	-2.300	1.286	-5.982	-5.577	-11.387
322	-5.684	-3.059	5.256	7.362	-0.248	0.202	-5.675	-8.743	-0.428	1.678	-5.932	-5.482	-11.359
323	-7.212	-3.878	9.640	7.081	-0.062	0.134	-7.234	-11.090	2.428	-0.131	-7.274	-7.078	-14.447
324	-9.225	-4.942	15.138	6.034	0.274	-0.104	-9.284	-14.166	5.914	-3.191	-8.951	-9.328	-18.509
325	-9.205	-4.926	15.863	4.143	0.209	-0.142	-9.264	-14.131	6.658	-5.062	-8.996	-9.347	-18.469
326	-7.146	-3.824	11.913	0.283	-0.281	-0.033	-7.167	-10.970	4.766	-6.864	-7.428	-7.179	-14.314
327	-5.571	-2.966	9.118	-1.902	-0.545	0.090	-5.559	-8.537	3.547	-7.473	-6.116	-5.481	-11.131
328	-5.537	-2.935	8.977	-1.596	-0.589	0.236	-5.524	-8.472	3.440	-7.133	-6.126	-5.301	-11.061
329	-7.042	-3.732	11.490	0.890	-0.413	0.375	-7.060	-10.774	4.448	-6.153	-7.455	-6.667	-14.103
330	-9.026	-4.767	15.146	4.106	-0.011	0.504	-9.080	-13.793	6.120	-4.920	-9.037	-8.522	-18.106
331	-8.992	-4.732	14.219	5.383	0.006	0.444	-9.046	-13.724	5.227	-3.609	-8.986	-8.548	-18.038
332	-6.953	-3.634	8.618	3.811	-0.341	0.138	-6.968	-10.587	1.665	-3.142	-7.294	-6.816	-13.921
333	-5.391	-2.776	4.132	3.119	-0.533	0.000	-5.373	-8.167	-1.259	-2.273	-5.924	-5.391	-10.764
334	-5.375	-2.750	2.201	4.963	-0.566	0.022	-5.355	-8.125	-3.174	-0.412	-5.941	-5.353	-10.730
335	-6.909	-3.562	2.851	9.342	-0.428	0.188	-6.920	-10.471	-4.058	2.434	-7.337	-6.721	-13.828
336	-8.935	-4.636	4.436	14.867	-0.142	0.522	-8.984	-13.571	-4.499	5.931	-9.077	-8.413	-17.919
337	-19.780	-10.416	6.870	33.044	0.165	0.877	-19.899	-30.197	-12.910	13.264	-19.615	-18.903	-39.680
338	-15.424	-8.173	0.283	26.335	0.222	-0.388	-15.483	-23.597	-15.141	10.912	-15.202	-15.812	-30.907
339	-12.626	-6.753	-3.838	21.421	0.259	-1.447	-12.620	-19.379	-16.464	8.795	-12.367	-14.073	-25.246
340	-12.717	-6.829	-3.742	21.207	0.298	-1.927	-12.717	-19.546	-16.459	8.490	-12.419	-14.644	-25.434
341	-15.668	-8.387	0.283	25.666	0.318	-1.819	-15.744	-24.055	-15.385	9.997	-15.350	-17.487	-31.413
342	-20.121	-10.735	6.148	31.893	0.359	-1.446	-20.266	-30.856	-13.973	11.771	-19.763	-21.567	-40.387
343	-20.121	-10.735	11.189	29.470	0.736	-1.304	-20.266	-30.856	-8.933	9.349	-19.385	-21.425	-40.387
344	-15.668	-8.387	11.778	18.822	0.968	-1.579	-15.744	-24.056	-3.890	3.154	-14.701	-17.247	-31.413
345	-12.717	-6.830	12.479	10.056	1.005	-1.674	-12.717	-19.546	-0.237	-2.660	-11.712	-14.391	-25.434
346	-12.625	-6.754	12.460	6.022	0.697	-1.304	-12.620	-19.380	-0.165	-6.603	-11.929	-13.930	-25.246
347	-15.424	-8.174	11.431	6.813	0.035	-0.489	-15.483	-23.597	-3.993	-8.611	-15.388	-15.913	-30.907
348	-19.781	-10.417	9.954	9.969	-0.752	0.490	-19.899	-30.197	-9.827	-9.812	-20.533	-19.290	-39.680
349	-19.700	-10.328	10.472	8.163	-0.742	1.211	-19.815	-30.029	-9.229	-11.538	-20.443	-18.490	-39.515
350	-15.216	-7.958	12.230	0.874	-0.113	1.185	-15.265	-23.174	-2.987	-14.342	-15.329	-14.031	-30.481
351	-12.306	-6.435	13.447	-3.917	0.330	1.073	-12.284	-18.741	1.141	-16.223	-11.976	-11.233	-24.590
352	-12.272	-6.419	13.470	-4.460	0.283	0.946	-12.251	-18.691	1.198	-16.732	-11.989	-11.326	-24.522
353	-15.120	-7.916	12.281	-0.984	-0.255	0.805	-15.172	-23.036	-2.839	-16.104	-15.375	-14.315	-30.292
354	-19.564	-10.281	10.506	4.442	-0.985	0.657	-19.684	-29.845	-9.058	-15.122	-20.549	-18.907	-39.248
355	-19.584	-10.312	9.710	9.332	-1.120	0.904	-19.707	-29.896	-9.874	-10.252	-20.704	-18.680	-39.291
356	-15.179	-8.006	10.741	10.150	-0.460	1.080	-15.237	-23.184	-4.437	-5.028	-15.639	-14.099	-30.416
357	-12.372	-6.566	11.347	11.308	0.088	1.058	-12.362	-18.938	-1.025	-1.065	-12.285	-11.314	-24.734
358	-12.453	-6.635	11.016	11.840	0.299	0.678	-12.445	-19.088	-1.437	-0.613	-12.153	-11.774	-24.898
359	-15.415	-8.209	10.055	11.430	0.174	-0.050	-15.480	-23.625	-5.361	-3.985	-15.241	-15.466	-30.896
360	-19.962	-10.637	9.415	10.576	-0.117	-0.900	-20.095	-30.599	-10.547	-9.386	-20.079	-20.862	-40.058

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON		
											CASE11	CASE12	CASE13
361	-20.034	-10.695	4.657	11.530	-0.397	-0.942	-20.169	-30.729	-15.377	-8.504	-20.431	-20.977	-40.203
362	-15.616	-8.370	-0.723	13.414	-0.211	-0.341	-15.685	-23.986	-16.340	-2.203	-15.828	-15.958	-31.302
363	-12.778	-6.895	-4.165	14.666	0.007	0.062	-12.777	-19.673	-16.943	1.888	-12.771	-12.716	-25.555
364	-12.812	-6.919	-3.588	14.654	0.250	-0.030	-12.810	-19.730	-16.400	1.843	-12.561	-12.842	-25.622
365	-15.714	-8.439	1.245	13.378	0.521	-0.616	-15.785	-24.154	-14.469	-2.337	-15.193	-16.330	-31.499
366	-20.191	-10.807	8.605	11.472	0.762	-1.391	-20.328	-30.998	-11.586	-8.719	-19.429	-21.582	-40.519
367	-20.191	-10.807	10.535	10.504	0.430	-1.544	-20.328	-30.998	-9.656	-9.687	-19.761	-21.735	-40.519
368	-15.715	-8.440	7.593	11.360	-0.013	-0.871	-15.785	-24.155	-8.122	-4.355	-15.727	-16.585	-31.500
369	-12.811	-6.920	7.055	11.766	-0.294	-0.304	-12.811	-19.731	-5.756	-1.045	-13.106	-13.116	-25.622
370	-12.778	-6.896	11.309	11.223	-0.190	-0.069	-12.777	-19.674	-1.469	-1.554	-12.967	-12.846	-25.554
371	-15.616	-8.371	20.260	10.050	0.306	-0.164	-15.686	-23.987	4.644	-5.566	-15.310	-15.780	-31.302
372	-20.034	-10.695	31.131	9.208	0.924	-0.415	-20.169	-30.730	11.096	-10.826	-19.110	-20.449	-40.204
373	-19.962	-10.637	33.332	4.297	0.701	-0.573	-20.095	-30.599	13.370	-15.665	-19.261	-20.536	-40.058
374	-15.416	-8.209	26.516	-1.155	-0.163	-0.209	-15.481	-23.625	11.100	-16.571	-15.579	-15.625	-30.896
375	-12.453	-6.634	21.515	-4.657	-0.821	0.192	-12.445	-19.087	9.062	-17.111	-13.275	-12.261	-24.898
376	-12.373	-6.565	21.180	-4.132	-0.939	0.613	-12.362	-18.938	8.807	-16.505	-13.312	-11.759	-24.735
377	-15.179	-8.005	25.527	0.658	-0.512	1.047	-15.237	-23.184	10.349	-14.521	-15.691	-14.132	-30.416
378	-19.584	-10.312	31.744	7.987	0.137	1.424	-19.707	-29.896	12.160	-11.597	-19.447	-18.160	-39.291
379	-19.564	-10.281	29.128	9.926	0.212	1.170	-19.685	-29.845	9.564	-9.638	-19.352	-18.394	-39.249
380	-15.120	-7.917	18.084	7.027	-0.469	0.740	-15.172	-23.036	2.964	-8.092	-15.589	-14.380	-30.292
381	-12.271	-6.420	9.038	6.547	-1.004	0.439	-12.251	-18.691	-3.233	-5.724	-13.276	-11.832	-24.522
382	-12.306	-6.436	4.759	10.859	-1.125	0.494	-12.284	-18.741	-7.547	-1.446	-13.431	-11.811	-24.590
383	-15.216	-7.959	5.321	19.859	-0.832	0.902	-15.265	-23.175	-9.895	4.643	-16.048	-14.314	-30.481
384	-19.701	-10.329	8.315	30.745	-0.339	1.381	-19.815	-30.029	-11.385	11.045	-20.040	-18.320	-39.516
385	-28.899	-15.329	19.296	21.171	-0.556	-6.653	-28.918	-44.227	-9.603	-7.728	-29.455	-35.552	-57.817
386	-1.253	-0.382	1.248	1.214	0.000	0.203	-1.253	-1.635	-0.005	-0.039	-1.253	-1.051	-2.506
387	7.302	3.657	-4.909	-8.524	1.356	-0.577	7.295	10.959	2.393	-1.221	8.658	6.725	14.597
388	-20.711	-10.126	18.820	22.062	-0.145	1.683	-20.685	-30.837	-1.891	1.351	-20.857	-19.028	-41.396
389	8.138	3.498	-3.748	-7.888	1.209	-0.217	8.128	11.636	4.390	0.249	9.347	7.921	16.266
390	-1.253	0.000	0.000	0.000	0.000	0.203	-1.253	-1.253	-1.253	-1.253	-1.253	-1.051	-2.506
391	-32.104	-16.707	14.124	27.059	2.301	-5.574	-32.080	-48.810	-17.979	-5.045	-29.802	-37.677	-64.184
392	-1.253	0.000	0.000	0.000	-0.143	0.143	-1.253	-1.253	-1.253	-1.253	-1.396	-1.110	-2.506
393	8.136	3.498	-1.802	-8.367	-0.699	-1.006	8.126	11.634	6.334	-0.231	7.438	7.130	16.263
394	-20.711	-10.126	-2.170	23.587	-1.091	1.291	-20.685	-30.836	-22.881	2.876	-21.802	-19.420	-41.395
395	7.301	3.656	-0.848	-8.840	-0.550	-1.367	7.293	10.957	6.452	-1.539	6.751	5.934	14.593
396	-1.253	-0.382	-0.517	1.222	-0.143	0.143	-1.253	-1.634	-1.769	-0.030	-1.396	-1.109	-2.505
397	-28.900	-15.329	11.165	16.934	5.095	-4.316	-28.919	-44.229	-17.734	-11.966	-23.805	-33.216	-57.818
398	-1.253	-0.382	-0.626	1.295	-0.203	0.000	-1.253	-1.635	-1.879	0.042	-1.456	-1.253	-2.506
399	2.886	1.620	-0.028	-3.449	-0.155	-0.268	2.886	4.507	2.859	-0.563	2.731	2.619	5.773
400	-1.218	-0.371	-0.608	1.259	-0.197	0.000	-1.218	-1.589	-1.826	0.041	-1.414	-1.218	-2.435
401	2.924	1.641	0.019	-2.629	-0.141	0.222	2.924	4.565	2.943	0.295	2.783	3.146	5.848
402	-1.253	-0.382	-0.626	1.295	-0.203	0.000	-1.253	-1.635	-1.879	0.042	-1.456	-1.253	-2.506
403	-28.655	-15.395	11.734	13.183	5.171	2.360	-28.684	-44.050	-16.921	-15.472	-23.484	-26.295	-57.339
404	-1.252	-0.382	-0.516	-0.512	-0.143	-0.144	-1.252	-1.634	-1.769	-1.765	-1.396	-1.396	-2.505
405	2.904	1.633	0.434	-0.905	0.058	-0.230	2.904	4.537	3.338	1.999	2.963	2.674	5.809

圧縮 MAX

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
406	-1.216	-0.370	-0.503	-0.498	-0.139	-0.139	-1.216	-1.586	-1.719	-1.714	-1.356	-1.356	-2.432
407	2.900	1.627	-0.885	0.419	-0.213	0.035	2.899	4.527	2.014	3.318	2.687	2.935	5.799
408	-1.253	-0.382	-0.517	-0.512	-0.143	-0.143	-1.253	-1.634	-1.769	-1.764	-1.396	-1.396	-2.505
409	-28.768	-15.569	13.213	11.800	2.074	5.321	-28.805	-44.337	-15.555	-16.968	-26.695	-23.447	-57.573
410	-1.253	-0.382	1.305	-0.619	0.000	-0.203	-1.253	-1.635	0.052	-1.872	-1.253	-1.456	-2.506
411	2.905	1.633	-2.606	0.064	0.191	-0.113	2.905	4.538	0.299	2.968	3.096	2.792	5.809
412	-1.218	-0.371	1.268	-0.602	0.000	-0.197	-1.218	-1.589	0.051	-1.819	-1.218	-1.414	-2.435
413	2.903	1.632	-3.408	0.062	-0.187	-0.121	2.903	4.534	-0.505	2.965	2.715	2.782	5.806
414	-1.253	-0.382	1.305	-0.619	0.000	-0.203	-1.253	-1.635	0.052	-1.872	-1.253	-1.456	-2.506
415	-28.811	-15.626	18.392	11.768	-2.112	5.082	-28.851	-44.438	-10.419	-17.043	-30.923	-23.730	-57.662
416	-1.252	-0.382	1.177	-0.511	0.144	-0.143	-1.252	-1.634	-0.076	-1.764	-1.109	-1.396	-2.505
417	2.901	1.631	-3.300	0.417	0.217	0.047	2.901	4.532	-0.399	3.318	3.118	2.948	5.802
418	-1.216	-0.370	1.143	-0.498	0.139	-0.139	-1.216	-1.586	-0.073	-1.714	-1.077	-1.356	-2.432
419	2.904	1.633	-3.318	-0.900	-0.056	-0.215	2.904	4.537	-0.414	2.004	2.848	2.688	5.808
420	-1.253	-0.382	1.177	-0.511	0.143	-0.143	-1.253	-1.634	-0.076	-1.764	-1.109	-1.396	-2.505
421	-28.768	-15.568	21.908	13.342	-5.237	2.291	-28.805	-44.337	-6.860	-15.426	-34.005	-26.477	-57.573
422	-1.253	-0.382	1.231	1.305	0.203	0.000	-1.253	-1.635	-0.022	0.052	-1.051	-1.253	-2.506
423	2.901	1.628	-3.318	-2.613	0.125	0.175	2.900	4.528	-0.417	0.287	3.025	3.075	5.801
424	-1.218	-0.371	1.196	1.268	0.197	0.000	-1.218	-1.589	-0.022	0.051	-1.021	-1.218	-2.435
425	2.906	1.634	-3.340	-3.425	0.122	-0.205	2.906	4.540	-0.434	-0.519	3.028	2.702	5.813
426	-1.253	-0.382	1.231	1.305	0.203	0.000	-1.253	-1.635	-0.022	0.052	-1.051	-1.253	-2.506
427	-28.655	-15.395	21.215	18.246	-5.331	-1.991	-28.684	-44.050	-7.440	-10.409	-33.986	-30.646	-57.339
428	-1.252	-0.382	1.177	1.165	0.143	0.144	-1.252	-1.634	-0.076	-0.088	-1.109	-1.109	-2.505
429	2.922	1.640	-3.323	-3.305	-0.058	0.256	2.922	4.562	-0.400	-0.383	2.864	3.178	5.844
430	-1.216	-0.370	1.143	1.132	0.139	0.139	-1.216	-1.586	-0.073	-0.085	-1.077	-1.077	-2.432
431	2.886	1.620	-3.156	-3.328	0.298	-0.080	2.886	4.506	-0.270	-0.442	3.185	2.807	5.773
432	-1.255	-0.383	1.178	1.166	0.142	0.143	-1.255	-1.638	-0.077	-0.088	-1.112	-1.112	-2.510
433	-15.776	-8.299	9.848	11.586	-0.145	-3.776	-15.785	-24.075	-5.928	-4.190	-15.921	-19.552	-31.561
434	1.140	0.685	-1.536	-1.836	0.107	-0.306	1.135	1.825	-0.396	-0.696	1.247	0.834	2.275
435	7.011	3.428	-6.190	-8.239	0.371	-0.499	6.991	10.439	0.821	-1.229	7.382	6.512	14.002
436	-6.511	-3.445	6.835	6.667	-0.148	0.621	-6.522	-9.956	0.324	0.156	-6.660	-5.891	-13.034
437	5.364	1.931	-2.981	-5.850	0.341	-0.687	5.348	7.294	2.382	-0.486	5.705	4.677	10.712
438	0.008	-0.107	-1.781	-1.205	-0.479	-0.557	0.003	-0.099	-1.772	-1.197	-0.471	-0.548	0.011
439	-20.428	-11.073	9.196	16.528	1.528	-3.709	-20.400	-31.501	-11.232	-3.900	-18.900	-24.137	-40.828
440	0.008	-0.107	1.995	-0.927	0.730	-0.054	0.003	-0.099	2.003	-0.919	0.738	-0.046	0.011
441	5.363	1.930	-0.001	-5.662	0.240	-0.727	5.347	7.293	5.361	-0.299	5.602	4.635	10.710
442	-6.512	-3.445	-0.823	7.712	-0.346	0.536	-6.522	-9.956	-7.335	1.200	-6.857	-5.976	-13.034
443	7.010	3.428	0.605	-8.754	0.082	-0.621	6.991	10.438	7.615	-1.744	7.092	6.389	14.001
444	1.140	0.685	0.438	-2.305	0.137	-0.294	1.135	1.825	1.578	-1.165	1.277	0.846	2.275
445	-15.776	-8.299	6.651	8.274	2.768	-2.573	-15.785	-24.076	-9.126	-7.503	-13.008	-18.349	-31.561
446	0.284	0.362	0.710	-1.511	0.186	-0.142	0.283	0.646	0.994	-1.227	0.470	0.142	0.567
447	4.856	2.673	1.135	-6.521	0.165	-0.214	4.851	7.529	5.990	-1.666	5.021	4.642	9.707
448	2.790	1.685	0.839	-3.967	0.144	0.030	2.783	4.475	3.629	-1.176	2.934	2.821	5.573
449	4.906	2.691	1.236	-5.820	0.190	0.238	4.902	7.597	6.142	-0.913	5.097	5.144	9.808
450	0.364	0.376	0.861	-1.749	0.222	0.133	0.361	0.741	1.226	-1.384	0.586	0.497	0.726

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON		
											CASE11	CASE12	CASE13
451	-15.387	-8.236	7.240	6.340	2.867	1.411	-15.404	-23.623	-8.147	-9.046	-12.519	-13.976	-30.790
452	0.473	0.429	0.527	0.015	0.135	0.217	0.470	0.902	1.000	0.488	0.608	0.690	0.943
453	4.796	2.630	1.388	-0.669	0.344	-0.006	4.791	7.426	6.184	4.127	5.140	4.791	9.587
454	2.772	1.665	0.231	0.227	0.119	0.133	2.764	4.437	3.003	2.999	2.891	2.905	5.536
455	4.787	2.620	-0.647	1.375	-0.014	0.340	4.781	7.406	4.139	6.162	4.773	5.127	9.568
456	0.456	0.413	0.016	0.534	0.170	0.137	0.453	0.870	0.472	0.990	0.626	0.594	0.909
457	-15.437	-8.337	6.250	7.288	1.154	2.940	-15.458	-23.774	-9.187	-8.148	-14.283	-12.497	-30.895
458	0.452	0.410	-2.059	0.899	-0.022	0.214	0.449	0.863	-1.607	1.351	0.430	0.666	0.901
459	4.780	2.618	-5.520	1.310	0.252	0.227	4.775	7.398	-0.739	6.090	5.032	5.007	9.555
460	2.765	1.659	-3.906	0.929	0.008	0.161	2.757	4.425	-1.141	3.694	2.773	2.926	5.523
461	4.866	2.661	-6.459	1.315	-0.168	0.209	4.861	7.526	-1.593	6.181	4.698	5.075	9.726
462	0.334	0.349	-1.463	0.891	-0.080	0.219	0.330	0.683	-1.129	1.225	0.254	0.553	0.664
463	-15.557	-8.419	9.100	7.353	-1.183	2.840	-15.581	-23.976	-6.458	-8.204	-16.740	-12.718	-31.138
464	0.334	0.350	-1.483	0.756	-0.101	0.210	0.330	0.683	-1.149	1.090	0.233	0.544	0.664
465	4.865	2.660	-6.184	1.206	-0.032	0.265	4.859	7.525	-1.319	6.071	4.833	5.130	9.724
466	2.766	1.660	-3.842	0.220	-0.119	0.107	2.758	4.426	-1.076	2.986	2.647	2.873	5.524
467	4.780	2.618	-6.072	-0.655	-0.341	-0.020	4.774	7.397	-1.292	4.125	4.439	4.760	9.554
468	0.452	0.410	-1.114	0.015	-0.138	0.166	0.449	0.863	-0.662	0.468	0.314	0.618	0.901
469	-15.437	-8.337	11.863	6.303	-2.903	1.258	-15.458	-23.774	-3.573	-9.134	-18.340	-14.179	-30.895
470	0.456	0.413	-1.073	-2.068	-0.219	-0.024	0.453	0.870	-0.617	-1.612	0.237	0.432	0.909
471	4.787	2.620	-5.840	-5.532	-0.232	0.248	4.782	7.407	-1.053	-0.745	4.556	5.035	9.569
472	2.771	1.665	-3.583	-3.927	-0.177	0.008	2.763	4.436	-0.812	-1.156	2.594	2.779	5.534
473	4.797	2.630	-5.881	-6.601	-0.240	-0.249	4.792	7.428	-1.083	-1.804	4.558	4.548	9.589
474	0.473	0.429	-1.163	-1.315	-0.250	0.056	0.470	0.902	-0.691	-0.842	0.223	0.529	0.943
475	-15.387	-8.236	11.338	9.065	-3.032	-1.033	-15.404	-23.623	-4.049	-6.322	-18.419	-16.420	-30.790
476	0.365	0.377	-1.227	-1.500	-0.253	-0.063	0.362	0.741	-0.863	-1.136	0.112	0.301	0.726
477	4.905	2.691	-6.170	-6.201	-0.305	0.034	4.900	7.596	-1.265	-1.296	4.600	4.939	9.806
478	2.791	1.686	-3.912	-3.860	-0.123	-0.079	2.784	4.477	-1.121	-1.069	2.668	2.713	5.575
479	4.855	2.673	-6.141	-6.079	0.032	-0.267	4.851	7.528	-1.285	-1.223	4.888	4.588	9.707
480	0.283	0.361	-1.481	-1.098	-0.033	-0.232	0.282	0.644	-1.198	-0.815	0.250	0.051	0.565
481	-8.768	-4.603	4.215	5.866	-0.100	-2.544	-8.774	-13.371	-4.552	-2.901	-8.868	-11.312	-17.541
482	1.704	0.896	-2.782	-2.587	-0.042	-0.502	1.695	2.600	-1.078	-0.883	1.662	1.201	3.398
483	5.283	2.574	-5.191	-6.011	-0.094	-0.152	5.258	7.856	0.092	-0.728	5.188	5.131	10.540
484	-0.204	-0.265	-0.362	0.017	-0.466	0.297	-0.239	-0.469	-0.565	-0.187	-0.670	0.094	-0.443
485	5.696	2.319	-4.484	-6.891	0.003	-0.684	5.647	8.014	1.212	-1.195	5.699	5.011	11.342
486	1.508	0.515	-0.842	-3.224	0.403	-0.710	1.467	2.023	0.666	-1.716	1.912	0.798	2.975
487	-10.121	-5.685	4.966	8.325	0.937	-2.246	-10.185	-15.806	-5.155	-1.797	-9.185	-12.368	-20.306
488	1.508	0.515	0.133	-2.941	0.216	-0.781	1.467	2.023	1.641	-1.434	1.724	0.727	2.975
489	5.695	2.319	0.764	-6.379	0.460	-0.486	5.646	8.014	6.459	-0.684	6.155	5.209	11.341
490	-0.204	-0.265	0.298	0.363	0.107	0.538	-0.239	-0.469	0.094	0.159	-0.097	0.334	-0.443
491	5.282	2.574	0.708	-6.662	0.162	-0.047	5.257	7.856	5.990	-1.380	5.444	5.236	10.540
492	1.704	0.896	1.342	-3.360	0.377	-0.330	1.695	2.600	3.046	-1.656	2.081	1.374	3.399
493	-8.768	-4.603	5.310	3.017	1.861	-1.736	-8.774	-13.371	-3.458	-5.750	-6.907	-10.504	-17.541
494	1.391	0.879	1.659	-3.424	0.378	-0.307	1.388	2.271	3.050	-2.032	1.770	1.084	2.779
495	4.796	2.639	1.669	-6.740	0.258	-0.133	4.787	7.435	6.465	-1.944	5.054	4.663	9.583

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
496	4.266	2.404	1.514	-5.870	0.226	0.058	4.249	6.670	5.780	-1.604	4.492	4.324	8.516
497	4.846	2.654	1.801	-6.328	0.286	0.207	4.835	7.499	6.647	-1.482	5.132	5.053	9.681
498	1.469	0.895	1.917	-3.296	0.432	0.271	1.463	2.364	3.386	-1.827	1.901	1.740	2.932
499	-8.645	-4.595	5.866	2.797	1.943	0.990	-8.656	-13.240	-2.779	-5.848	-6.702	-7.655	-17.301
500	1.532	0.921	1.536	-0.220	0.375	0.323	1.526	2.453	3.067	1.312	1.907	1.854	3.057
501	4.779	2.608	1.409	-0.297	0.333	0.162	4.768	7.387	6.189	4.483	5.112	4.942	9.547
502	4.226	2.364	0.451	0.446	0.188	0.214	4.208	6.591	4.677	4.673	4.415	4.440	8.434
503	4.767	2.595	-0.284	1.404	0.124	0.343	4.755	7.361	4.482	6.171	4.891	5.110	9.522
504	1.504	0.892	-0.216	1.548	0.241	0.387	1.497	2.397	1.288	3.052	1.746	1.891	3.002
505	-8.727	-4.697	2.827	5.926	0.789	2.000	-8.742	-13.424	-5.900	-2.801	-7.938	-6.727	-17.469
506	1.500	0.889	-3.488	1.979	0.100	0.437	1.493	2.389	-1.988	3.479	1.600	1.936	2.992
507	4.760	2.590	-6.162	1.904	0.157	0.313	4.748	7.350	-1.402	6.664	4.916	5.073	9.508
508	4.221	2.357	-5.767	1.662	0.021	0.252	4.203	6.579	-1.545	5.883	4.242	4.473	8.424
509	4.787	2.604	-6.644	1.910	-0.107	0.304	4.776	7.391	-1.856	6.697	4.680	5.091	9.563
510	1.406	0.840	-3.279	1.981	-0.163	0.432	1.399	2.246	-1.873	3.387	1.242	1.838	2.804
511	-8.772	-4.734	3.693	5.931	-0.796	1.903	-8.789	-13.506	-5.079	-2.842	-9.569	-6.870	-17.561
512	1.406	0.840	-3.152	1.699	-0.196	0.417	1.399	2.246	-1.746	3.105	1.210	1.823	2.805
513	4.787	2.604	-6.296	1.329	-0.143	0.287	4.775	7.390	-1.509	6.116	4.644	5.074	9.562
514	4.222	2.358	-5.450	0.417	-0.191	0.162	4.203	6.580	-1.228	4.639	4.031	4.384	8.425
515	4.760	2.590	-6.069	-0.304	-0.335	0.108	4.748	7.350	-1.310	4.456	4.425	4.868	9.508
516	1.500	0.889	-2.518	-0.226	-0.384	0.235	1.493	2.389	-1.018	1.274	1.115	1.735	2.993
517	-8.727	-4.697	6.219	2.851	-1.982	0.849	-8.742	-13.424	-2.508	-5.876	-10.709	-7.877	-17.468
518	1.504	0.892	-2.379	-3.505	-0.447	0.100	1.497	2.396	-0.875	-2.001	1.056	1.604	3.001
519	4.767	2.595	-5.721	-6.191	-0.332	0.152	4.755	7.362	-0.955	-1.424	4.435	4.918	9.522
520	4.226	2.364	-4.999	-5.811	-0.281	0.017	4.207	6.590	-0.774	-1.585	3.944	4.242	8.433
521	4.780	2.608	-5.787	-6.723	-0.351	-0.124	4.768	7.388	-1.008	-1.944	4.428	4.656	9.548
522	1.531	0.921	-2.534	-3.193	-0.497	-0.041	1.525	2.452	-1.003	-1.662	1.035	1.491	3.057
523	-8.645	-4.595	5.764	3.618	-2.083	-0.679	-8.656	-13.240	-2.881	-5.027	-10.729	-9.324	-17.301
524	1.469	0.895	-2.728	-3.170	-0.501	-0.114	1.463	2.365	-1.259	-1.701	0.968	1.355	2.933
525	4.845	2.654	-6.239	-6.313	-0.352	-0.055	4.835	7.499	-1.393	-1.468	4.493	4.791	9.681
526	4.267	2.405	-5.579	-5.466	-0.199	-0.115	4.250	6.672	-1.312	-1.199	4.068	4.152	8.517
527	4.796	2.639	-6.330	-6.080	-0.091	-0.275	4.787	7.436	-1.533	-1.284	4.705	4.522	9.583
528	1.391	0.879	-3.101	-2.555	-0.055	-0.484	1.388	2.270	-1.710	-1.164	1.336	0.907	2.779
529	-4.991	-2.642	1.026	2.532	-0.176	-1.857	-4.996	-7.633	-3.965	-2.459	-5.167	-6.848	-9.987
530	1.207	0.602	-3.052	-2.182	-0.283	-0.588	1.195	1.808	-1.846	-0.976	0.923	0.619	2.402
531	3.743	1.828	-4.586	-4.064	-0.411	-0.041	3.714	5.571	-0.843	-0.321	3.332	3.702	7.457
532	1.804	0.807	-2.852	-1.659	-0.522	0.211	1.753	2.611	-1.048	0.145	1.282	2.014	3.557
533	4.070	1.801	-4.067	-4.634	0.205	-0.303	4.028	5.871	0.003	-0.564	4.275	3.767	8.098
534	1.394	0.550	-1.865	-2.689	0.604	-0.640	1.358	1.944	-0.471	-1.295	1.998	0.754	2.752
535	-5.891	-3.326	2.217	3.845	0.763	-1.865	-5.912	-9.216	-3.674	-2.046	-5.128	-7.756	-11.802
536	1.394	0.550	-0.323	-2.845	0.015	-0.883	1.358	1.944	1.071	-1.451	1.409	0.510	2.752
537	4.069	1.801	0.112	-4.970	0.063	-0.359	4.028	5.870	4.181	-0.901	4.133	3.710	8.097
538	1.804	0.807	0.749	-1.897	0.221	0.522	1.753	2.611	2.552	-0.093	2.025	2.325	3.557
539	3.743	1.828	1.253	-4.805	0.311	0.257	3.713	5.570	4.996	-1.062	4.054	4.000	7.456
540	1.206	0.602	2.264	-3.048	0.605	-0.223	1.195	1.808	3.471	-1.841	1.811	0.984	2.401

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
541	-4.991	-2.642	4.976	0.135	1.420	-1.201	-4.996	-7.633	-0.015	-4.855	-3.570	-6.192	-9.987
542	1.236	0.733	2.363	-3.874	0.501	-0.479	1.230	1.969	3.599	-2.638	1.736	0.757	2.466
543	3.732	2.053	1.861	-5.582	0.244	-0.128	3.715	5.785	5.593	-1.850	3.976	3.604	7.447
544	3.747	2.081	1.616	-5.215	0.168	0.062	3.714	5.828	5.363	-1.467	3.916	3.810	7.462
545	3.771	2.067	2.001	-5.257	0.269	0.199	3.753	5.838	5.772	-1.486	4.039	3.970	7.524
546	1.298	0.765	2.626	-3.022	0.543	0.423	1.290	2.062	3.924	-1.725	1.840	1.720	2.587
547	-4.887	-2.576	5.359	0.926	1.442	0.769	-4.894	-7.463	0.471	-3.962	-3.445	-4.119	-9.782
548	1.318	0.765	2.423	-0.578	0.573	0.301	1.310	2.083	3.742	0.740	1.891	1.619	2.628
549	3.737	2.036	1.344	-0.252	0.291	0.191	3.719	5.773	5.081	3.485	4.028	3.928	7.456
550	3.725	2.047	0.342	0.340	0.152	0.187	3.690	5.773	4.067	4.065	3.877	3.912	7.416
551	3.719	2.018	-0.239	1.350	0.136	0.311	3.700	5.737	3.481	5.069	3.855	4.031	7.420
552	1.282	0.727	-0.559	2.445	0.210	0.599	1.273	2.009	0.724	3.727	1.492	1.881	2.556
553	-4.968	-2.669	0.972	5.442	0.590	1.491	-4.978	-7.638	-3.996	0.473	-4.379	-3.477	-9.947
554	1.276	0.722	-3.086	2.713	0.261	0.561	1.266	1.997	-1.810	3.989	1.537	1.836	2.542
555	3.710	2.010	-5.161	2.123	0.121	0.293	3.691	5.721	-1.451	5.833	3.831	4.004	7.402
556	3.709	2.033	-5.127	1.795	0.019	0.195	3.674	5.742	-1.418	5.504	3.728	3.904	7.383
557	3.712	2.010	-5.474	2.126	-0.091	0.283	3.693	5.722	-1.762	5.838	3.621	3.995	7.405
558	1.220	0.690	-3.701	2.714	-0.289	0.542	1.210	1.910	-2.481	3.934	0.931	1.761	2.430
559	-5.010	-2.702	0.505	5.448	-0.595	1.406	-5.021	-7.712	-4.504	0.438	-5.605	-3.604	-10.030
560	1.220	0.690	-3.168	2.518	-0.188	0.581	1.210	1.910	-1.949	3.737	1.032	1.801	2.430
561	3.712	2.010	-5.057	1.319	-0.139	0.261	3.693	5.722	-1.345	5.031	3.573	3.972	7.404
562	3.709	2.033	-4.527	0.321	-0.144	0.127	3.674	5.742	-0.818	4.031	3.565	3.837	7.383
563	3.710	2.010	-4.726	-0.259	-0.295	0.118	3.691	5.721	-1.015	3.452	3.415	3.829	7.401
564	1.276	0.722	-2.609	-0.567	-0.589	0.206	1.266	1.997	-1.333	0.708	0.687	1.482	2.542
565	-4.968	-2.669	2.765	0.979	-1.488	0.626	-4.978	-7.637	-2.203	-3.989	-6.456	-4.342	-9.946
566	1.283	0.726	-2.304	-3.106	-0.578	0.270	1.273	2.009	-1.021	-1.823	0.705	1.552	2.556
567	3.720	2.017	-4.316	-5.193	-0.316	0.120	3.701	5.737	-0.597	-1.474	3.403	3.840	7.420
568	3.725	2.047	-3.949	-5.167	-0.229	0.026	3.690	5.772	-0.224	-1.442	3.497	3.751	7.416
569	3.738	2.036	-4.403	-5.527	-0.341	-0.075	3.719	5.773	-0.665	-1.789	3.397	3.663	7.457
570	1.318	0.765	-2.480	-3.685	-0.624	-0.198	1.310	2.083	-1.162	-2.367	0.695	1.120	2.629
571	-4.887	-2.576	2.364	0.421	-1.579	-0.483	-4.894	-7.463	-2.523	-4.467	-6.466	-5.371	-9.782
572	1.297	0.765	-2.887	-3.198	-0.690	-0.086	1.290	2.062	-1.590	-1.901	0.607	1.211	2.587
573	3.770	2.067	-4.922	-5.075	-0.333	-0.047	3.753	5.837	-1.151	-1.305	3.437	3.724	7.523
574	3.748	2.081	-4.665	-4.540	-0.155	-0.068	3.714	5.829	-0.917	-0.793	3.593	3.680	7.462
575	3.732	2.053	-5.088	-4.750	-0.085	-0.260	3.715	5.785	-1.356	-1.018	3.647	3.472	7.447
576	1.236	0.733	-3.027	-2.689	-0.025	-0.692	1.229	1.968	-1.791	-1.453	1.211	0.543	2.465
577	-3.461	-1.860	-0.388	1.056	-0.275	-1.411	-3.459	-5.321	-3.849	-2.405	-3.736	-4.872	-6.920
578	0.353	0.149	-2.727	-1.439	-0.425	-0.611	0.342	0.501	-2.374	-1.086	-0.073	-0.258	0.695
579	2.133	1.039	-3.219	-2.059	-0.427	0.019	2.098	3.173	-1.086	0.075	1.706	2.153	4.232
580	1.215	0.547	-1.975	-0.231	-0.364	0.269	1.140	1.762	-0.759	0.985	0.851	1.484	2.355
581	2.386	1.089	-2.741	-2.414	0.187	-0.093	2.344	3.474	-0.355	-0.028	2.572	2.293	4.730
582	0.465	0.142	-1.210	-1.605	0.645	-0.588	0.445	0.607	-0.745	-1.140	1.109	-0.123	0.910
583	-3.967	-2.214	0.819	1.723	0.598	-1.502	-3.970	-6.181	-3.148	-2.244	-3.369	-5.469	-7.938
584	0.465	0.142	-0.793	-2.124	-0.056	-0.881	0.445	0.607	-0.328	-1.659	0.409	-0.416	0.910
585	2.386	1.089	-0.253	-2.962	-0.067	-0.198	2.344	3.474	2.133	-0.577	2.319	2.188	4.730

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
586	1.215	0.547	0.368	-0.833	0.092	0.463	1.140	1.762	1.583	0.382	1.307	1.678	2.355
587	2.133	1.039	1.306	-2.833	0.286	0.314	2.098	3.173	3.439	-0.700	2.419	2.447	4.231
588	0.353	0.149	2.920	-2.124	0.716	-0.142	0.343	0.501	3.272	-1.771	1.069	0.211	0.695
589	-3.461	-1.860	5.212	-0.973	1.157	-0.828	-3.460	-5.321	1.751	-4.434	-2.304	-4.289	-6.920
590	0.426	0.252	2.742	-3.304	0.540	-0.548	0.419	0.677	3.168	-2.878	0.966	-0.122	0.845
591	2.184	1.201	1.672	-3.692	0.170	-0.145	2.158	3.386	3.856	-1.508	2.354	2.039	4.343
592	1.949	1.089	1.158	-2.817	0.025	0.053	1.886	3.038	3.107	-0.867	1.974	2.002	3.835
593	2.215	1.222	1.780	-3.210	0.183	0.193	2.189	3.436	3.994	-0.995	2.397	2.408	4.403
594	0.492	0.311	2.911	-1.828	0.553	0.492	0.485	0.802	3.403	-1.336	1.045	0.983	0.977
595	-3.329	-1.744	5.356	0.106	1.117	0.623	-3.327	-5.073	2.027	-3.224	-2.212	-2.706	-6.656
596	0.490	0.297	2.946	-0.817	0.651	0.225	0.483	0.787	3.436	-0.327	1.141	0.715	0.973
597	2.201	1.202	1.185	-0.437	0.229	0.124	2.174	3.402	3.386	1.764	2.429	2.324	4.374
598	1.943	1.069	-0.027	-0.027	0.050	0.085	1.878	3.011	1.916	1.916	1.992	2.027	3.820
599	2.182	1.182	-0.422	1.200	0.069	0.254	2.154	3.364	1.759	3.381	2.251	2.435	4.336
600	0.457	0.259	-0.795	2.977	0.144	0.689	0.449	0.717	-0.337	3.435	0.601	1.147	0.906
601	-3.404	-1.829	0.149	5.476	0.457	1.167	-3.404	-5.233	-3.255	2.073	-2.947	-2.237	-6.808
602	0.446	0.252	-1.821	3.012	0.356	0.576	0.438	0.698	-1.374	3.459	0.803	1.023	0.885
603	2.170	1.174	-3.145	1.897	0.122	0.205	2.143	3.344	-0.975	4.068	2.292	2.376	4.313
604	1.922	1.051	-2.753	1.321	0.022	0.046	1.857	2.973	-0.831	3.243	1.944	1.968	3.779
605	2.166	1.170	-3.607	1.899	-0.101	0.191	2.139	3.336	-1.441	4.065	2.066	2.358	4.305
606	0.414	0.231	-3.182	3.014	-0.371	0.549	0.405	0.645	-2.768	3.428	0.043	0.963	0.820
607	-3.450	-1.865	-0.820	5.484	-0.471	1.077	-3.451	-5.314	-4.269	2.035	-3.921	-2.372	-6.901
608	0.414	0.231	-2.247	3.006	-0.142	0.641	0.406	0.646	-1.833	3.421	0.273	1.056	0.820
609	2.166	1.170	-3.064	1.185	-0.064	0.205	2.139	3.336	-0.898	3.352	2.102	2.372	4.305
610	1.922	1.051	-1.865	-0.034	-0.021	0.031	1.857	2.973	0.056	1.888	1.901	1.953	3.778
611	2.170	1.174	-2.753	-0.433	-0.230	0.057	2.143	3.344	-0.582	1.737	1.941	2.228	4.313
612	0.447	0.252	-2.036	-0.795	-0.673	0.145	0.438	0.699	-1.589	-0.348	-0.226	0.592	0.885
613	-3.404	-1.829	1.155	0.143	-1.182	0.479	-3.404	-5.233	-2.249	-3.261	-4.586	-2.925	-6.808
614	0.457	0.259	-1.579	-1.836	-0.601	0.376	0.449	0.716	-1.122	-1.379	-0.143	0.833	0.906
615	2.182	1.182	-2.326	-3.169	-0.224	0.127	2.154	3.364	-0.144	-0.987	1.957	2.309	4.336
616	1.943	1.068	-1.228	-2.785	-0.066	0.034	1.878	3.011	0.714	-0.842	1.877	1.977	3.820
617	2.201	1.202	-2.411	-3.651	-0.245	-0.076	2.174	3.402	-0.210	-1.450	1.955	2.125	4.374
618	0.490	0.297	-1.731	-3.209	-0.631	-0.310	0.483	0.787	-1.241	-2.719	-0.141	0.180	0.973
619	-3.329	-1.744	0.802	-0.919	-1.263	-0.364	-3.327	-5.073	-2.527	-4.248	-4.592	-3.693	-6.656
620	0.492	0.311	-2.320	-2.290	-0.752	-0.046	0.486	0.803	-1.828	-1.798	-0.260	0.445	0.977
621	2.214	1.222	-2.929	-3.086	-0.264	0.011	2.188	3.436	-0.715	-0.871	1.950	2.225	4.403
622	1.949	1.089	-1.969	-1.880	-0.027	0.034	1.886	3.039	-0.020	0.070	1.922	1.983	3.835
623	2.184	1.202	-3.054	-2.779	-0.017	-0.218	2.158	3.386	-0.870	-0.595	2.167	1.966	4.342
624	0.426	0.252	-2.041	-2.105	-0.011	-0.770	0.420	0.678	-1.615	-1.679	0.415	-0.344	0.846
625	-3.523	-1.904	-1.438	0.444	-0.417	-1.298	-3.496	-5.428	-4.961	-3.079	-3.940	-4.822	-7.019
626	-0.311	-0.187	-1.447	-0.597	-0.307	-0.416	-0.312	-0.498	-1.758	-0.908	-0.617	-0.727	-0.623
627	0.585	0.273	-1.266	-0.162	-0.258	0.073	0.551	0.858	-0.682	0.423	0.327	0.658	1.135
628	-1.080	-0.613	1.172	3.420	-0.156	0.391	-1.207	-1.693	0.092	2.340	-1.236	-0.690	-2.287
629	0.712	0.308	-0.780	-0.317	0.113	0.035	0.676	1.020	-0.068	0.396	0.825	0.747	1.388
630	-0.270	-0.190	-0.585	-0.620	0.383	-0.393	-0.275	-0.460	-0.855	-0.890	0.113	-0.662	-0.544

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
631	-3.819	-2.097	0.039	0.800	0.529	-1.418	-3.793	-5.916	-3.780	-3.019	-3.290	-5.237	-7.611
632	-0.270	-0.190	-0.558	-0.993	-0.016	-0.561	-0.274	-0.460	-0.828	-1.263	-0.285	-0.831	-0.544
633	0.712	0.308	-0.421	-0.755	-0.098	-0.052	0.676	1.020	0.292	-0.043	0.614	0.660	1.388
634	-1.081	-0.613	-0.458	2.741	-0.094	0.428	-1.207	-1.693	-1.538	1.661	-1.174	-0.652	-2.288
635	0.584	0.273	0.760	-0.722	0.138	0.236	0.550	0.857	1.344	-0.137	0.722	0.820	1.135
636	-0.311	-0.187	2.390	-1.172	0.490	-0.093	-0.312	-0.498	2.079	-1.482	0.180	-0.403	-0.623
637	-3.523	-1.904	7.024	-1.796	1.128	-0.683	-3.496	-5.428	3.501	-5.319	-2.396	-4.206	-7.019
638	-0.285	-0.147	2.366	-1.696	0.390	-0.359	-0.284	-0.432	2.081	-1.981	0.105	-0.643	-0.569
639	0.597	0.333	0.909	-1.406	0.043	-0.106	0.567	0.930	1.506	-0.809	0.640	0.491	1.164
640	-0.861	-0.431	0.009	0.978	-0.198	0.051	-0.982	-1.292	-0.852	0.118	-1.059	-0.810	-1.843
641	0.618	0.352	0.958	-0.868	0.045	0.132	0.588	0.970	1.576	-0.250	0.663	0.750	1.206
642	-0.240	-0.101	2.433	-0.829	0.381	0.317	-0.239	-0.341	2.193	-1.069	0.141	0.077	-0.478
643	-3.388	-1.776	6.941	-0.377	1.031	0.624	-3.358	-5.164	3.553	-3.766	-2.357	-2.764	-6.746
644	-0.241	-0.108	2.350	-0.519	0.440	0.164	-0.240	-0.349	2.109	-0.760	0.199	-0.076	-0.481
645	0.612	0.342	0.659	-0.511	0.105	0.018	0.582	0.954	1.271	0.102	0.717	0.630	1.194
646	-0.862	-0.439	-0.677	-0.675	-0.107	-0.084	-0.983	-1.301	-1.538	-1.537	-0.969	-0.946	-1.845
647	0.600	0.329	-0.501	0.673	-0.017	0.123	0.570	0.929	0.100	1.273	0.583	0.723	1.170
648	-0.268	-0.140	-0.501	2.389	0.102	0.471	-0.268	-0.408	-0.769	2.121	-0.166	0.203	-0.536
649	-3.475	-1.872	-0.344	7.152	0.413	1.101	-3.449	-5.348	-3.819	3.677	-3.062	-2.374	-6.924
650	-0.275	-0.145	-0.808	2.514	0.232	0.402	-0.276	-0.420	-1.083	2.239	-0.043	0.127	-0.551
651	0.592	0.323	-0.830	1.032	0.092	0.059	0.562	0.915	-0.238	1.624	0.685	0.651	1.154
652	-0.875	-0.451	1.012	0.104	0.038	-0.188	-0.997	-1.327	0.137	-0.771	-0.837	-1.063	-1.872
653	0.589	0.320	-1.364	1.033	-0.076	0.048	0.559	0.909	-0.775	1.622	0.513	0.637	1.148
654	-0.295	-0.159	-1.621	2.515	-0.247	0.372	-0.295	-0.454	-1.916	2.221	-0.542	0.078	-0.590
655	-3.538	-1.923	-1.643	7.155	-0.458	0.960	-3.513	-5.460	-5.181	3.617	-3.996	-2.577	-7.051
656	-0.295	-0.159	-1.201	2.398	-0.111	0.425	-0.295	-0.454	-1.495	2.104	-0.406	0.131	-0.590
657	0.589	0.320	-0.805	0.665	0.027	0.091	0.559	0.910	-0.216	1.255	0.616	0.680	1.148
658	-0.876	-0.451	2.423	-0.677	0.179	-0.118	-0.997	-1.327	1.547	-1.553	-0.697	-0.993	-1.873
659	0.592	0.323	-0.625	-0.504	-0.099	-0.022	0.561	0.915	-0.033	0.088	0.493	0.570	1.153
660	-0.275	-0.145	-0.952	-0.499	-0.468	0.106	-0.276	-0.420	-1.227	-0.774	-0.743	-0.169	-0.551
661	-3.475	-1.872	0.495	-0.358	-1.155	0.429	-3.449	-5.348	-2.981	-3.833	-4.630	-3.046	-6.924
662	-0.268	-0.140	-0.667	-0.817	-0.423	0.248	-0.268	-0.408	-0.935	-1.085	-0.691	-0.020	-0.536
663	0.600	0.329	-0.296	-0.842	-0.066	0.099	0.570	0.929	0.304	-0.242	0.535	0.700	1.170
664	-0.861	-0.440	3.050	0.993	0.208	0.047	-0.983	-1.301	2.189	0.132	-0.654	-0.814	-1.844
665	0.612	0.342	-0.348	-1.393	-0.077	-0.060	0.582	0.954	0.264	-0.780	0.535	0.553	1.195
666	-0.241	-0.108	-0.786	-1.660	-0.445	-0.206	-0.240	-0.349	-1.027	-1.901	-0.686	-0.447	-0.481
667	-3.388	-1.776	0.103	-1.794	-1.253	-0.323	-3.358	-5.164	-3.285	-5.182	-4.641	-3.711	-6.746
668	-0.240	-0.101	-1.137	-1.242	-0.512	-0.051	-0.238	-0.341	-1.376	-1.481	-0.752	-0.290	-0.478
669	0.617	0.352	-0.729	-0.823	-0.117	0.067	0.588	0.970	-0.112	-0.206	0.500	0.684	1.205
670	-0.861	-0.430	2.373	2.412	0.176	0.205	-0.982	-1.292	1.511	1.551	-0.685	-0.657	-1.843
671	0.597	0.333	-0.777	-0.639	0.051	-0.098	0.567	0.930	-0.180	-0.042	0.648	0.499	1.164
672	-0.285	-0.147	-1.060	-0.995	-0.045	-0.532	-0.284	-0.432	-1.345	-1.280	-0.329	-0.816	-0.569
673	-2.780	-1.506	-4.217	-2.080	-0.640	-1.181	-2.676	-4.286	-6.997	-4.860	-3.420	-3.961	-5.456
674	-0.294	-0.155	0.426	0.426	0.000	0.048	-0.294	-0.450	0.132	0.132	-0.294	-0.247	-0.589
675	-0.288	-0.152	0.417	0.417	0.000	0.047	-0.288	-0.440	0.129	0.129	-0.288	-0.242	-0.576

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
676	-4.430	-2.342	5.775	8.666	0.067	0.576	-4.644	-6.772	1.345	4.237	-4.363	-3.853	-9.074
677	-0.288	-0.152	0.417	0.417	0.000	0.047	-0.288	-0.440	0.129	0.129	-0.288	-0.242	-0.576
678	-0.294	-0.155	0.426	0.426	0.000	0.048	-0.294	-0.450	0.132	0.132	-0.294	-0.247	-0.589
679	-2.904	-1.651	-2.355	-2.081	0.457	-1.468	-2.806	-4.555	-5.259	-4.985	-2.447	-4.372	-5.710
680	-0.294	-0.155	-0.102	0.426	-0.034	0.034	-0.294	-0.449	-0.396	0.132	-0.328	-0.261	-0.588
681	-0.288	-0.152	-0.100	0.417	-0.033	0.033	-0.288	-0.441	-0.389	0.129	-0.321	-0.255	-0.576
682	-4.430	-2.341	-1.631	8.135	-0.307	0.449	-4.644	-6.771	-6.061	3.705	-4.737	-3.982	-9.074
683	-0.288	-0.152	-0.100	0.418	-0.033	0.033	-0.288	-0.441	-0.389	0.129	-0.321	-0.255	-0.577
684	-0.294	-0.155	-0.102	0.426	-0.034	0.034	-0.294	-0.449	-0.396	0.132	-0.328	-0.260	-0.588
685	-2.780	-1.506	10.273	-4.243	1.067	-0.535	-2.676	-4.286	7.492	-7.023	-1.713	-3.316	-5.456
686	-0.294	-0.155	-0.102	0.426	-0.048	0.000	-0.294	-0.450	-0.397	0.132	-0.342	-0.294	-0.589
687	-0.288	-0.152	-0.100	0.417	-0.047	0.000	-0.288	-0.440	-0.388	0.129	-0.335	-0.288	-0.576
688	-4.430	-2.342	-1.710	5.775	-0.494	0.067	-4.644	-6.772	-6.139	1.345	-4.924	-4.363	-9.074
689	-0.288	-0.152	-0.100	0.417	-0.047	0.000	-0.288	-0.440	-0.388	0.129	-0.335	-0.288	-0.576
690	-0.294	-0.155	-0.102	0.426	-0.048	0.000	-0.294	-0.450	-0.397	0.132	-0.342	-0.294	-0.589
691	-2.665	-1.389	10.030	-2.777	0.933	0.695	-2.556	-4.054	7.365	-5.442	-1.732	-1.971	-5.221
692	-0.294	-0.155	-0.102	-0.102	-0.034	-0.034	-0.294	-0.449	-0.396	-0.396	-0.328	-0.328	-0.588
693	-0.288	-0.152	-0.100	-0.100	-0.033	-0.033	-0.288	-0.441	-0.389	-0.389	-0.321	-0.321	-0.577
694	-4.430	-2.341	-1.631	-1.631	-0.307	-0.307	-4.644	-6.771	-6.061	-6.061	-4.737	-4.737	-9.074
695	-0.288	-0.152	-0.100	-0.100	-0.033	-0.033	-0.288	-0.440	-0.388	-0.388	-0.321	-0.321	-0.576
696	-0.294	-0.156	-0.102	-0.103	-0.034	-0.034	-0.294	-0.450	-0.397	-0.397	-0.328	-0.328	-0.589
697	-2.791	-1.514	-2.761	10.403	0.347	1.041	-2.687	-4.304	-5.552	7.612	-2.444	-1.750	-5.477
698	-0.294	-0.155	0.426	-0.102	0.000	-0.048	-0.294	-0.450	0.132	-0.397	-0.294	-0.342	-0.589
699	-0.288	-0.152	0.417	-0.100	0.000	-0.047	-0.288	-0.440	0.129	-0.388	-0.288	-0.335	-0.576
700	-4.430	-2.342	5.775	-1.710	0.067	-0.494	-4.644	-6.772	1.345	-6.139	-4.363	-4.924	-9.074
701	-0.288	-0.152	0.417	-0.100	0.000	-0.047	-0.288	-0.440	0.129	-0.388	-0.288	-0.335	-0.576
702	-0.294	-0.155	0.426	-0.102	0.000	-0.048	-0.294	-0.450	0.132	-0.397	-0.294	-0.342	-0.589
703	-2.884	-1.590	-3.976	10.389	-0.485	0.798	-2.782	-4.474	-6.860	7.505	-3.369	-2.086	-5.666
704	-0.294	-0.155	0.426	-0.102	0.034	-0.034	-0.294	-0.450	0.132	-0.397	-0.261	-0.328	-0.589
705	-0.288	-0.152	0.417	-0.100	0.033	-0.033	-0.288	-0.440	0.129	-0.388	-0.255	-0.321	-0.576
706	-4.430	-2.341	8.136	-1.631	0.449	-0.307	-4.644	-6.772	3.705	-6.062	-3.982	-4.737	-9.075
707	-0.288	-0.152	0.417	-0.100	0.033	-0.033	-0.288	-0.441	0.129	-0.389	-0.255	-0.321	-0.577
708	-0.294	-0.155	0.426	-0.102	0.034	-0.034	-0.294	-0.449	0.132	-0.396	-0.260	-0.328	-0.588
709	-2.791	-1.514	-2.069	-2.797	-1.198	0.344	-2.687	-4.304	-4.860	-5.588	-3.989	-2.446	-5.478
710	-0.294	-0.155	0.426	0.426	0.048	0.000	-0.294	-0.450	0.132	0.132	-0.247	-0.294	-0.589
711	-0.288	-0.152	0.417	0.417	0.047	0.000	-0.288	-0.440	0.129	0.129	-0.242	-0.288	-0.576
712	-4.430	-2.342	8.666	5.775	0.576	0.067	-4.644	-6.772	4.237	1.345	-3.853	-4.363	-9.074
713	-0.288	-0.152	0.417	0.417	0.047	0.000	-0.288	-0.440	0.129	0.129	-0.242	-0.288	-0.576
714	-0.294	-0.155	0.426	0.426	0.048	0.000	-0.294	-0.450	0.132	0.132	-0.247	-0.294	-0.589
715	-2.665	-1.389	-2.602	-4.215	-1.367	-0.262	-2.556	-4.054	-5.267	-6.880	-4.032	-2.927	-5.221
716	-0.294	-0.155	0.426	0.426	0.034	0.034	-0.294	-0.449	0.132	0.132	-0.260	-0.260	-0.588
717	-0.288	-0.152	0.417	0.418	0.033	0.033	-0.288	-0.441	0.129	0.129	-0.255	-0.255	-0.577
718	-4.430	-2.341	8.135	8.135	0.449	0.449	-4.644	-6.771	3.705	3.705	-3.982	-3.982	-9.074
719	-0.288	-0.152	0.418	0.417	0.033	0.033	-0.288	-0.441	0.129	0.129	-0.255	-0.255	-0.577
720	-0.294	-0.155	0.426	0.426	0.034	0.034	-0.294	-0.449	0.132	0.132	-0.260	-0.260	-0.588

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
721	19.146	10.038	-7.815	-11.987	-0.279	6.593	19.157	29.184	11.332	7.159	18.867	25.739	38.303
722	21.803	11.484	-7.660	-10.246	-2.452	10.522	21.830	33.287	14.143	11.557	19.350	32.325	43.633
723	21.497	11.434	-9.080	-7.223	-5.994	13.445	21.538	32.931	12.417	14.274	15.503	34.942	43.035
724	29.904	15.629	-7.187	-18.198	-0.130	12.084	29.938	45.533	22.717	11.705	29.773	41.988	59.842
725	29.530	15.381	-7.981	-19.868	-0.110	10.186	29.555	44.910	21.549	9.662	29.419	39.716	59.084
726	25.198	13.064	-8.717	-18.097	-1.477	7.441	25.215	38.262	16.481	7.101	23.721	32.639	50.413
727	25.198	13.064	-13.221	-17.479	-4.202	6.310	25.216	38.262	11.977	7.720	20.996	31.509	50.414
728	29.530	15.381	-18.228	-18.280	-7.116	7.287	29.555	44.911	11.302	11.250	22.414	36.817	59.085
729	29.905	15.630	-19.872	-14.787	-8.449	8.641	29.939	45.534	10.033	15.117	21.456	38.546	59.844
730	21.498	11.434	-14.410	-0.480	-5.276	13.749	21.539	32.932	7.088	21.018	16.222	35.247	43.037
731	21.803	11.484	-15.357	-3.252	-5.708	9.179	21.830	33.287	6.446	18.551	16.095	30.981	43.633
732	19.146	10.038	-12.440	-5.289	-4.464	4.862	19.157	29.184	6.706	13.857	14.682	24.008	38.303
733	19.303	10.111	-14.436	-6.432	-5.342	1.856	19.312	29.414	4.868	12.871	13.961	21.159	38.615
734	24.080	12.665	-19.661	-5.604	-7.862	1.478	24.105	36.745	4.419	18.476	16.218	25.558	48.185
735	26.196	13.809	-21.735	-5.564	-8.931	0.489	26.233	40.005	4.461	20.633	17.265	26.685	52.430
736	26.300	13.903	-21.761	-5.277	-8.929	-0.159	26.339	40.204	4.539	21.023	17.371	26.141	52.639
737	24.373	12.936	-19.728	-5.603	-7.859	-1.058	24.404	37.310	4.646	18.770	16.514	23.316	48.777
738	19.766	10.551	-14.527	-6.124	-5.361	-1.456	19.783	30.316	5.238	13.642	14.404	18.309	39.548
739	19.792	10.593	-12.597	-9.661	-4.526	-3.524	19.811	30.385	7.195	10.131	15.266	16.268	39.603
740	24.483	13.102	-16.016	-13.819	-5.996	-5.584	24.520	37.585	8.467	10.664	18.487	18.899	49.003
741	26.586	14.233	-16.591	-16.343	-6.279	-6.754	26.635	40.819	9.995	10.243	20.307	19.832	53.221
742	26.628	14.274	-16.053	-16.957	-6.013	-6.959	26.679	40.903	10.575	9.671	20.615	19.669	53.307
743	24.611	13.229	-13.658	-16.413	-4.872	-6.542	24.652	37.840	10.953	8.198	19.739	18.069	49.264
744	19.989	10.780	-9.675	-12.962	-2.964	-4.868	20.014	30.769	10.315	7.028	17.025	15.122	40.004
745	20.023	10.818	-6.352	-14.816	-1.128	-5.534	20.049	30.841	13.671	5.207	18.894	14.489	40.072
746	24.719	13.345	-5.950	-20.011	-0.815	-7.927	24.764	38.063	18.769	4.708	23.904	16.792	49.483
747	26.808	14.463	-6.049	-22.019	-0.211	-8.891	26.866	41.272	20.759	4.789	26.597	17.917	53.675
748	26.834	14.483	-6.661	-22.014	0.172	-8.836	26.893	41.317	20.173	4.820	27.006	17.998	53.727
749	24.821	13.417	-7.012	-19.992	0.820	-7.759	24.869	38.238	17.810	4.829	25.642	17.062	49.690
750	20.091	10.879	-7.909	-14.784	1.098	-5.289	20.119	30.970	12.182	5.307	21.189	14.802	40.210
751	20.091	10.880	-7.698	-12.922	2.970	-4.512	20.119	30.970	12.393	7.169	23.061	15.579	40.210
752	24.821	13.416	-9.210	-16.476	4.912	-6.061	24.869	38.238	15.611	8.345	29.733	18.761	49.690
753	26.834	14.483	-10.861	-16.959	6.128	-6.364	26.893	41.317	15.973	9.876	32.962	20.470	53.727
754	26.809	14.464	-12.162	-16.356	6.438	-6.132	26.867	41.272	14.646	10.452	33.247	20.677	53.676
755	24.719	13.345	-12.921	-13.879	6.186	-5.024	24.765	38.064	11.798	10.841	30.905	19.695	49.484
756	20.023	10.818	-13.242	-9.781	4.716	-3.111	20.050	30.841	6.781	10.242	24.739	16.912	40.072
757	19.989	10.779	-13.741	-6.390	5.542	-1.343	20.014	30.769	6.248	13.599	25.531	18.646	40.003
758	24.611	13.229	-14.971	-5.973	8.072	-1.178	24.652	37.840	9.640	18.638	32.683	23.433	49.263
759	26.628	14.274	-15.652	-6.029	9.169	-0.666	26.679	40.902	10.976	20.598	35.797	25.962	53.306
760	26.586	14.233	-15.477	-6.602	9.211	-0.333	26.635	40.818	11.109	19.983	35.797	26.253	53.221
761	24.483	13.102	-14.455	-6.943	8.188	0.294	24.520	37.585	10.028	17.540	32.671	24.777	49.003
762	19.792	10.594	-13.024	-7.719	5.694	0.710	19.811	30.386	6.768	12.073	25.486	20.503	39.603
763	19.765	10.551	-12.348	-7.368	4.823	2.761	19.783	30.316	7.417	12.398	24.589	22.527	39.548
764	24.373	12.936	-11.579	-8.685	6.305	4.806	24.404	37.310	12.794	15.688	30.678	29.179	48.777
765	26.300	13.903	-10.615	-10.132	6.423	6.195	26.339	40.204	15.685	16.168	32.723	32.495	52.640

BEAM NO.	AXIAL FORCE:UNIT=TON												
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
811	1.067	0.716	4.288	4.669	2.509	1.470	1.076	1.783	5.355	5.736	3.576	2.537	2.143
812	9.247	4.751	-5.550	-5.514	1.372	1.889	9.253	13.998	3.697	3.733	10.619	11.136	18.500
813	2.767	1.626	1.363	1.064	1.652	1.645	2.772	4.393	4.130	3.831	4.419	4.412	5.538
814	9.202	4.729	-5.107	-5.810	1.901	1.385	9.208	13.931	4.095	3.392	11.103	10.587	18.410
815	1.165	0.787	4.314	4.072	1.156	2.794	1.174	1.952	5.479	5.237	2.321	3.959	2.339
816	4.164	2.020	4.392	2.249	0.656	4.431	4.172	6.183	8.556	6.413	4.820	8.595	8.335
817	0.928	0.414	2.963	2.270	0.061	1.901	0.932	1.341	3.891	3.198	0.989	2.828	1.860
818	-0.196	-0.061	2.644	3.814	-0.578	2.275	-0.186	-0.257	2.448	3.618	-0.774	2.079	-0.382
819	-0.331	0.095	0.960	4.401	-1.045	2.808	-0.308	-0.236	0.629	4.070	-1.376	2.477	-0.639
820	4.297	2.441	-1.903	-1.466	-0.054	1.939	4.296	6.738	2.394	2.831	4.243	6.235	8.593
821	2.089	1.480	-2.629	-0.248	-0.864	1.442	2.106	3.568	-0.540	1.841	1.225	3.531	4.195
822	2.762	1.529	-1.230	-0.122	-0.588	1.406	2.770	4.291	1.533	2.640	2.174	4.168	5.532
823	2.089	1.480	0.204	-0.253	-0.414	1.623	2.106	3.569	2.293	1.836	1.675	3.712	4.195
824	4.297	2.441	-2.099	-1.709	-1.329	1.401	4.296	6.738	2.198	2.588	2.968	5.698	8.593
825	-0.331	0.095	-2.955	5.175	-1.241	2.729	-0.308	-0.235	-3.285	4.844	-1.572	2.398	-0.639
826	-0.195	-0.061	-3.388	4.797	-1.200	2.017	-0.186	-0.257	-3.583	4.602	-1.395	1.822	-0.381
827	0.928	0.414	-4.151	3.584	-1.387	1.302	0.932	1.342	-3.223	4.512	-0.459	2.230	1.860
828	3.115	1.593	-4.987	1.813	-1.691	1.041	3.115	4.708	-1.872	4.928	1.424	4.155	6.230
829	0.478	0.215	-4.496	3.719	-1.531	0.599	0.482	0.693	-4.018	4.198	-1.053	1.077	0.960
830	0.666	0.335	-4.487	3.150	-1.581	0.341	0.671	1.001	-3.821	3.816	-0.915	1.007	1.337
831	1.019	0.521	-4.416	2.464	-1.579	0.120	1.026	1.540	-3.397	3.483	-0.560	1.139	2.045
832	0.702	0.357	-4.490	2.461	-1.564	-0.102	0.707	1.058	-3.788	3.163	-0.862	0.600	1.409
833	0.535	0.258	-4.531	2.130	-1.507	-0.382	0.540	0.794	-3.995	2.665	-0.971	0.154	1.075
834	3.090	1.652	-5.121	-0.271	-1.676	-0.816	3.094	4.742	-2.030	2.820	1.415	2.275	6.184
835	0.580	0.286	-4.236	-0.657	-1.345	-0.856	0.585	0.866	-3.655	-0.077	-0.765	-0.276	1.165
836	0.602	0.315	-3.453	-2.367	-1.136	-1.093	0.608	0.917	-2.851	-1.764	-0.534	-0.490	1.211
837	0.950	0.501	-3.007	-3.041	-1.066	-1.153	0.957	1.450	-2.057	-2.091	-0.116	-0.203	1.907
838	0.626	0.338	-2.363	-3.507	-0.996	-1.214	0.632	0.963	-1.738	-2.881	-0.370	-0.588	1.258
839	0.629	0.332	-0.700	-4.300	-0.756	-1.419	0.635	0.961	-0.071	-3.671	-0.127	-0.790	1.264
840	3.187	1.739	-0.388	-5.203	-0.683	-1.753	3.193	4.926	2.799	-2.015	2.504	1.434	6.381
841	0.645	0.345	1.887	-4.570	-0.396	-1.547	0.651	0.990	2.532	-3.925	0.249	-0.902	1.296
842	0.662	0.368	2.612	-4.506	-0.072	-1.554	0.670	1.031	3.274	-3.844	0.590	-0.891	1.332
843	1.022	0.556	2.472	-4.409	0.047	-1.540	1.031	1.578	3.494	-3.387	1.068	-0.519	2.052
844	0.718	0.401	3.005	-4.488	0.172	-1.526	0.726	1.119	3.723	-3.770	0.890	-0.808	1.444
845	0.567	0.313	3.435	-4.541	0.354	-1.468	0.573	0.879	4.001	-3.974	0.920	-0.902	1.140
846	3.139	1.727	1.393	-5.123	0.672	-1.619	3.146	4.866	4.532	-1.984	3.812	1.520	6.285
847	0.567	0.313	3.511	-4.169	0.789	-1.288	0.573	0.879	4.077	-3.603	1.356	-0.722	1.140
848	0.718	0.401	3.113	-3.670	0.957	-1.202	0.726	1.119	3.831	-2.952	1.675	-0.484	1.445
849	1.022	0.556	2.479	-3.159	1.055	-1.124	1.030	1.578	3.501	-2.137	2.076	-0.102	2.052
850	0.662	0.368	2.589	-2.459	1.149	-1.048	0.670	1.031	3.252	-1.797	1.811	-0.386	1.333
851	0.645	0.346	2.454	-0.764	1.374	-0.813	0.652	0.991	3.099	-0.119	2.019	-0.168	1.297
852	3.187	1.739	-0.569	-0.434	1.725	-0.754	3.193	4.926	2.619	2.754	4.912	2.433	6.381
853	0.629	0.332	2.273	1.847	1.539	-0.468	0.635	0.961	2.902	2.476	2.168	0.162	1.264
854	0.625	0.337	2.346	2.567	1.561	-0.154	0.632	0.963	2.972	3.192	2.187	0.472	1.258
855	0.950	0.501	2.021	2.407	1.567	-0.063	0.957	1.451	2.971	3.357	2.517	0.887	1.907

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
856	0.602	0.315	2.427	2.916	1.575	0.029	0.608	0.97	3.029	3.519	2.177	0.632	1.210
857	0.581	0.286	2.425	3.569	1.556	0.345	0.585	0.86	3.005	4.150	2.137	0.925	1.166
858	3.090	1.652	-0.278	1.511	1.763	0.608	3.094	4.72	2.812	4.601	4.853	3.699	6.184
859	0.535	0.258	2.620	3.613	1.335	0.795	0.540	0.74	3.155	4.149	1.870	1.331	1.075
860	0.702	0.357	2.697	3.230	1.176	1.034	0.708	1.09	3.399	3.932	1.878	1.736	1.410
861	1.019	0.521	2.556	2.627	1.029	1.200	1.026	1.54	3.575	3.646	2.048	2.219	2.044
862	0.666	0.335	3.168	2.782	0.876	1.358	0.672	1.01	3.834	3.448	1.542	2.024	1.338
863	0.478	0.215	3.574	2.686	0.660	1.506	0.482	0.63	4.053	3.164	1.138	1.984	0.960
864	3.115	1.593	1.542	-0.353	0.462	1.931	3.115	4.78	4.656	2.761	3.576	5.045	6.230
865	-1.389	-0.776	4.877	4.254	-0.029	1.406	-1.386	-2.16	3.488	2.865	-1.418	0.017	-2.775
866	-2.265	-1.141	4.868	5.937	-0.446	1.835	-2.253	-3.46	2.603	3.671	-2.711	-0.431	-4.519
867	-0.602	-0.159	1.271	4.185	-0.738	1.742	-0.580	-0.76	0.669	3.583	-1.339	1.140	-1.182
868	-2.439	-0.844	0.572	6.206	-0.917	1.837	-2.395	-3.23	-1.867	3.767	-3.356	-0.602	-4.834
869	0.640	0.558	-0.628	2.410	-0.283	1.365	0.583	1.19	0.012	3.050	0.356	2.005	1.222
870	3.112	1.740	-2.465	-1.708	-0.508	1.160	3.239	4.82	0.647	1.404	2.604	4.272	6.351
871	0.640	0.558	0.619	1.244	-0.809	1.171	0.583	1.19	1.259	1.884	-0.169	1.811	1.223
872	-2.439	-0.844	0.312	5.514	-0.619	1.945	-2.395	-3.23	-2.127	3.075	-3.057	-0.494	-4.834
873	-0.602	-0.159	-1.488	4.034	-0.702	1.752	-0.580	-0.76	-2.089	3.432	-1.304	1.151	-1.182
874	-2.265	-1.141	-3.131	6.410	-0.981	1.612	-2.253	-3.46	-5.396	4.145	-3.246	-0.653	-4.518
875	-1.389	-0.776	-3.531	5.380	-0.972	1.016	-1.386	-2.16	-4.920	3.990	-2.361	-0.373	-2.776
876	0.548	0.208	-3.673	3.213	-0.900	0.483	0.543	0.755	-3.125	3.760	-0.353	1.031	1.090
877	-1.232	-0.711	-3.941	5.162	-1.161	0.350	-1.231	-1.94	-5.173	3.930	-2.393	-0.882	-2.463
878	-2.171	-1.185	-4.267	6.080	-1.355	0.263	-2.165	-3.35	-6.438	3.909	-3.526	-1.908	-4.336
879	-2.055	-1.128	-4.286	5.577	-1.403	0.088	-2.046	-3.18	-6.341	3.522	-3.458	-1.967	-4.101
880	-2.128	-1.154	-4.268	5.113	-1.340	-0.114	-2.122	-3.28	-6.396	2.985	-3.468	-2.242	-4.250
881	-1.157	-0.645	-3.966	3.457	-1.138	-0.291	-1.156	-1.80	-5.123	2.300	-2.296	-1.448	-2.313
882	0.645	0.339	-3.851	0.939	-0.901	-0.510	0.643	0.985	-3.206	1.584	-0.256	0.135	1.289
883	-1.148	-0.638	-3.746	-0.253	-0.988	-0.670	-1.146	-1.78	-4.894	-1.400	-2.136	-1.818	-2.293
884	-2.097	-1.137	-3.575	-1.690	-1.054	-0.852	-2.091	-3.23	-5.672	-3.787	-3.151	-2.949	-4.189
885	-2.017	-1.102	-2.797	-2.814	-0.962	-1.004	-2.008	-3.11	-4.815	-4.831	-2.980	-3.021	-4.026
886	-2.078	-1.119	-1.696	-3.609	-0.802	-1.090	-2.072	-3.19	-3.774	-5.687	-2.880	-3.168	-4.150
887	-1.112	-0.606	-0.268	-3.796	-0.598	-1.024	-1.109	-1.71	-1.380	-4.908	-1.710	-2.135	-2.221
888	0.706	0.395	0.932	-3.920	-0.372	-0.933	0.705	1.10	1.637	-3.214	0.334	-0.227	1.411
889	-1.100	-0.596	3.394	-3.999	-0.265	-1.150	-1.097	-1.69	2.295	-5.098	-1.365	-2.250	-2.196
890	-2.056	-1.100	4.993	-4.272	-0.164	-1.334	-2.049	-3.15	2.937	-6.328	-2.220	-3.390	-4.105
891	-1.988	-1.074	5.483	-4.273	0.008	-1.370	-1.978	-3.06	3.494	-6.261	-1.981	-3.359	-3.967
892	-2.078	-1.108	5.940	-4.267	0.162	-1.305	-2.071	-3.18	3.863	-6.345	-1.916	-3.383	-4.149
893	-1.102	-0.592	4.955	-3.992	0.265	-1.104	-1.099	-1.69	3.853	-5.094	-0.837	-2.206	-2.201
894	0.739	0.420	2.824	-3.928	0.363	-0.869	0.739	1.15	3.563	-3.189	1.102	-0.130	1.478
895	-1.102	-0.592	4.926	-3.795	0.595	-0.968	-1.099	-1.69	3.823	-4.897	-0.507	-2.071	-2.202
896	-2.078	-1.108	6.147	-3.602	0.806	-1.041	-2.071	-3.18	4.069	-5.680	-1.272	-3.119	-4.149
897	-1.989	-1.074	5.892	-2.864	0.957	-0.979	-1.979	-3.06	3.904	-4.852	-1.031	-2.967	-3.967
898	-2.056	-1.100	5.625	-1.758	1.056	-0.829	-2.049	-3.15	3.568	-3.814	-1.000	-2.885	-4.105
899	-1.100	-0.596	3.888	-0.311	1.001	-0.624	-1.097	-1.69	2.788	-1.411	-0.099	-1.724	-2.197
900	0.706	0.395	0.658	0.917	0.927	-0.392	0.705	1.10	1.364	1.622	1.632	0.313	1.411

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON	CASE11	CASE12	CASE13
901	-1.112	-0.606	3.698	3.375	1.148	-0.299	-1.109	-1.718	2.586	2.264	0.036	-1.411	-2.221	
902	-2.078	-1.119	5.307	4.977	1.335	-0.205	-2.072	-3.197	3.229	2.899	-0.743	-2.283	-4.150	
903	-2.017	-1.102	5.380	5.485	1.385	-0.033	-2.008	-3.119	3.363	3.468	-0.632	-2.050	-4.026	
904	-2.097	-1.137	5.364	5.995	1.344	0.140	-2.091	-3.234	3.267	3.897	-0.753	-1.957	-4.189	
905	-1.147	-0.638	3.817	5.015	1.174	0.224	-1.146	-1.785	2.669	3.868	0.027	-0.923	-2.293	
906	0.645	0.339	0.913	2.896	1.002	0.278	0.643	0.985	1.559	3.542	1.647	0.923	1.289	
907	-1.158	-0.645	4.020	5.033	1.011	0.600	-1.156	-1.803	2.862	3.875	-0.147	-0.558	-2.314	
908	-2.128	-1.154	5.696	6.285	1.024	0.866	-2.122	-3.282	3.568	4.157	-1.104	-1.262	-4.250	
909	-2.055	-1.128	5.953	6.062	0.924	1.052	-2.046	-3.183	3.898	4.007	-1.131	-1.003	-4.101	
910	-2.171	-1.185	6.253	5.825	0.769	1.143	-2.165	-3.357	4.082	3.654	-1.402	-1.029	-4.336	
911	-1.232	-0.711	5.169	4.110	0.575	1.068	-1.231	-1.943	3.936	2.877	-0.657	-0.164	-2.463	
912	0.548	0.208	3.313	0.942	0.300	0.978	0.543	0.755	3.860	1.490	0.847	1.526	1.090	
913	-2.905	-1.549	6.105	5.356	-0.149	1.114	-2.907	-4.454	3.200	2.451	-3.054	-1.791	-5.812	
914	-3.982	-2.028	6.289	7.183	-0.405	1.450	-3.974	-6.010	2.306	3.201	-4.387	-2.532	-7.956	
915	-3.347	-1.608	4.867	6.676	-0.381	1.559	-3.329	-4.955	1.520	3.329	-3.728	-1.788	-6.676	
916	-3.758	-1.695	4.589	7.100	-0.183	1.651	-3.738	-5.454	0.830	3.341	-3.942	-2.107	-7.497	
917	-2.169	-0.910	2.573	4.780	-0.241	1.346	-2.155	-3.079	0.404	2.611	-2.410	-0.823	-4.324	
918	0.034	0.222	0.220	0.990	-0.398	0.961	0.055	0.256	0.255	1.024	-0.364	0.995	0.089	
919	-2.169	-0.910	-0.615	4.552	-0.783	1.116	-2.155	-3.079	-2.783	2.383	-2.952	-1.052	-4.323	
920	-3.758	-1.695	-1.792	6.694	-1.037	1.289	-3.738	-5.453	-5.551	2.936	-4.795	-2.469	-7.496	
921	-3.347	-1.608	-2.072	6.768	-0.840	1.363	-3.329	-4.955	-5.419	3.421	-4.187	-1.984	-6.676	
922	-3.982	-2.027	-2.611	8.011	-0.744	1.307	-3.974	-6.009	-6.593	4.029	-4.725	-2.674	-7.956	
923	-2.905	-1.549	-3.096	6.945	-0.681	0.894	-2.907	-4.453	-6.001	4.041	-3.585	-2.010	-5.811	
924	-0.634	-0.413	-3.598	4.608	-0.628	0.370	-0.644	-1.047	-4.232	3.974	-1.262	-0.264	-1.278	
925	-2.968	-1.642	-3.684	6.825	-0.898	0.187	-2.973	-4.610	-6.653	3.857	-3.866	-2.781	-5.941	
926	-4.408	-2.391	-3.874	8.178	-1.097	0.116	-4.404	-6.798	-8.282	3.770	-5.505	-4.292	-8.812	
927	-4.610	-2.496	-3.890	7.936	-1.156	0.015	-4.601	-7.106	-8.501	3.326	-5.766	-4.596	-9.212	
928	-4.398	-2.371	-3.911	7.130	-1.097	-0.102	-4.394	-6.770	-8.309	2.732	-5.495	-4.500	-8.792	
929	-2.947	-1.597	-3.798	4.976	-0.905	-0.216	-2.950	-4.545	-6.745	2.029	-3.853	-3.163	-5.897	
930	-0.581	-0.326	-3.920	1.597	-0.668	-0.436	-0.588	-0.907	-4.501	1.017	-1.249	-1.017	-1.169	
931	-2.938	-1.593	-3.461	0.047	-0.740	-0.615	-2.941	-4.531	-6.399	-2.891	-3.677	-3.553	-5.879	
932	-4.357	-2.349	-3.166	-1.346	-0.836	-0.748	-4.353	-6.706	-7.523	-5.703	-5.193	-5.105	-8.710	
933	-4.554	-2.460	-2.398	-2.428	-0.807	-0.837	-4.545	-7.014	-6.952	-6.982	-5.361	-5.392	-9.099	
934	-4.339	-2.335	-1.330	-3.211	-0.700	-0.858	-4.335	-6.674	-5.669	-7.550	-5.039	-5.197	-8.674	
935	-2.899	-1.561	0.050	-3.525	-0.531	-0.759	-2.901	-4.459	-2.848	-6.424	-3.430	-3.657	-5.799	
936	-0.503	-0.261	1.576	-4.008	-0.285	-0.688	-0.508	-0.764	1.073	-4.511	-0.787	-1.190	-1.011	
937	-2.893	-1.556	4.958	-3.841	-0.156	-0.906	-2.895	-4.449	2.065	-6.734	-3.049	-3.799	-5.788	
938	-4.329	-2.324	7.050	-3.928	-0.107	-1.084	-4.325	-6.653	2.721	-8.256	-4.436	-5.413	-8.653	
939	-4.539	-2.444	7.843	-3.902	-0.017	-1.128	-4.529	-6.982	3.304	-8.441	-4.556	-5.667	-9.068	
940	-4.329	-2.322	8.065	-3.928	0.077	-1.062	-4.324	-6.651	3.736	-8.257	-4.252	-5.391	-8.653	
941	-2.870	-1.539	6.660	-3.842	0.142	-0.865	-2.871	-4.409	3.790	-6.712	-2.727	-3.734	-5.741	
942	-0.469	-0.237	4.293	-4.008	0.261	-0.617	-0.474	-0.706	3.824	-4.477	-0.207	-1.086	-0.943	
943	-2.869	-1.539	6.831	-3.540	0.513	-0.713	-2.871	-4.408	3.962	-6.409	-2.356	-3.582	-5.740	
944	-4.329	-2.322	8.388	-3.201	0.690	-0.812	-4.324	-6.651	4.059	-7.530	-3.639	-5.141	-8.653	
945	-4.539	-2.443	8.343	-2.428	0.797	-0.795	-4.529	-6.982	3.805	-6.967	-3.742	-5.334	-9.067	

BEAM NO.	AXIAL FORCE:UNIT=TON										CASE11 CASE12 CASE13		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
946	-4.329	-2.324	7.693	-1.356	0.835	-0.696	-4.324	-6.653	3.365	-5.684	-3.494	-5.024	-8.653
947	-2.893	-1.555	5.339	0.038	0.752	-0.528	-2.895	-4.448	2.446	-2.855	-2.141	-3.421	-5.787
948	-0.503	-0.261	1.494	1.587	0.696	-0.277	-0.508	-0.764	0.991	1.084	0.194	-0.780	-1.011
949	-2.899	-1.561	5.140	4.969	0.914	-0.158	-2.901	-4.460	2.241	2.070	-1.984	-3.057	-5.800
950	-4.339	-2.335	7.266	7.067	1.096	-0.115	-4.335	-6.674	2.927	2.728	-3.244	-4.454	-8.675
951	-4.554	-2.460	7.635	7.878	1.152	-0.029	-4.545	-7.014	3.081	3.324	-3.403	-4.583	-9.099
952	-4.357	-2.349	7.326	8.124	1.115	0.057	-4.354	-6.706	2.969	3.767	-3.243	-4.300	-8.711
953	-2.938	-1.593	5.281	6.720	0.960	0.087	-2.941	-4.531	2.343	3.782	-1.978	-2.851	-5.879
954	-0.581	-0.326	1.784	4.395	0.789	0.166	-0.588	-0.907	1.203	3.814	0.208	-0.415	-1.169
955	-2.947	-1.597	5.489	6.936	0.794	0.489	-2.950	-4.544	2.542	3.989	-2.153	-2.458	-5.897
956	-4.398	-2.371	7.791	8.507	0.840	0.702	-4.394	-6.769	3.393	4.109	-3.558	-3.696	-8.792
957	-4.610	-2.496	8.438	8.473	0.794	0.825	-4.601	-7.106	3.828	3.863	-3.817	-3.786	-9.212
958	-4.408	-2.391	8.526	7.830	0.687	0.856	-4.404	-6.798	4.119	3.422	-3.720	-3.552	-8.812
959	-2.968	-1.641	7.056	5.490	0.505	0.767	-2.972	-4.609	4.088	2.522	-2.463	-2.201	-5.940
960	-0.634	-0.413	4.619	1.728	0.192	0.707	-0.644	-1.047	3.986	1.094	-0.442	0.073	-1.278
961	-4.343	-2.291	7.583	6.082	-0.112	0.851	-4.351	-6.634	3.240	1.739	-4.455	-3.492	-8.695
962	-5.587	-2.875	8.033	7.921	-0.224	1.110	-5.585	-8.462	2.446	2.334	-5.811	-4.477	-11.173
963	-5.433	-2.729	7.181	7.864	-0.200	1.235	-5.417	-8.162	1.748	2.430	-5.634	-4.199	-10.850
964	-5.480	-2.685	6.517	7.938	-0.169	1.293	-5.468	-8.165	1.037	2.458	-5.649	-4.187	-10.948
965	-4.145	-1.985	4.630	6.066	-0.173	1.142	-4.135	-6.129	0.485	1.922	-4.318	-3.002	-8.279
966	-1.636	-0.664	1.129	2.598	-0.422	1.042	-1.628	-2.300	-0.507	0.962	-2.058	-0.594	-3.264
967	-4.145	-1.985	-0.478	5.934	-0.681	0.926	-4.135	-6.129	-4.622	1.789	-4.826	-3.219	-8.279
968	-5.480	-2.685	-1.533	8.113	-0.803	1.021	-5.468	-8.165	-7.013	2.633	-6.283	-4.459	-10.948
969	-5.433	-2.729	-2.025	8.615	-0.749	0.997	-5.416	-8.162	-7.458	3.182	-6.182	-4.436	-10.849
970	-5.587	-2.875	-2.437	9.522	-0.636	0.933	-5.586	-8.462	-8.024	3.934	-6.224	-4.655	-11.173
971	-4.344	-2.292	-2.921	8.737	-0.522	0.680	-4.352	-6.635	-7.265	4.393	-4.866	-3.664	-8.696
972	-1.979	-1.104	-4.198	6.790	-0.597	0.329	-1.993	-3.082	-6.177	4.812	-2.575	-1.649	-3.972
973	-4.546	-2.481	-3.625	8.342	-0.709	0.052	-4.558	-7.027	-8.171	3.795	-5.256	-4.494	-9.104
974	-6.079	-3.290	-3.516	9.585	-0.854	-0.024	-6.084	-9.369	-9.595	3.506	-6.933	-6.103	-12.163
975	-6.325	-3.416	-3.470	9.375	-0.897	-0.063	-6.319	-9.741	-9.795	3.050	-7.222	-6.388	-12.644
976	-6.090	-3.280	-3.582	8.559	-0.858	-0.100	-6.094	-9.370	-9.672	2.469	-6.949	-6.190	-12.184
977	-4.569	-2.465	-3.780	6.250	-0.718	-0.178	-4.579	-7.034	-8.349	1.681	-5.286	-4.747	-9.148
978	-2.042	-1.119	-4.478	2.288	-0.606	-0.473	-2.054	-3.161	-6.520	0.247	-2.648	-2.515	-4.096
979	-4.568	-2.468	-3.170	0.299	-0.535	-0.620	-4.578	-7.036	-7.738	-4.269	-5.103	-5.188	-9.147
980	-6.067	-3.265	-2.629	-1.100	-0.617	-0.686	-6.071	-9.332	-8.697	-7.167	-6.684	-6.753	-12.138
981	-6.291	-3.386	-1.950	-2.003	-0.640	-0.689	-6.284	-9.677	-8.240	-8.294	-6.931	-6.980	-12.575
982	-6.043	-3.245	-1.067	-2.704	-0.606	-0.647	-6.046	-9.288	-7.110	-8.747	-6.648	-6.689	-12.088
983	-4.512	-2.422	0.305	-3.274	-0.490	-0.555	-4.521	-6.934	-4.207	-7.787	-5.002	-5.068	-9.033
984	-1.946	-1.038	2.263	-4.624	-0.271	-0.634	-1.956	-2.983	0.317	-6.570	-2.216	-2.579	-3.901
985	-4.510	-2.420	6.244	-3.863	-0.064	-0.722	-4.519	-6.930	1.733	-8.373	-4.574	-5.232	-9.029
986	-6.032	-3.236	8.516	-3.640	-0.041	-0.844	-6.035	-9.268	2.484	-9.672	-6.073	-6.876	-12.067
987	-6.267	-3.366	9.304	-3.537	-0.034	-0.868	-6.260	-9.633	3.037	-9.804	-6.301	-7.135	-12.527
988	-6.019	-3.227	8.484	-3.638	-0.017	-0.816	-6.022	-9.247	3.465	-9.657	-6.037	-6.835	-12.041
989	-4.477	-2.398	8.194	-3.858	0.022	-0.661	-4.485	-6.875	3.717	-8.335	-4.455	-5.138	-8.963
990	-1.900	-1.005	6.597	-4.617	0.229	-0.530	-1.910	-2.905	4.697	-6.517	-1.672	-2.431	-3.810

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
991	-4.478	-2.398	8.856	-3.273	0.452	-0.486	-4.486	-6.875	4.379	-7.751	-4.025	-4.963	-8.963
992	-6.019	-3.227	10.036	-2.686	0.576	-0.575	-6.022	-9.247	4.017	-8.705	-5.443	-6.595	-12.041
993	-6.267	-3.366	9.656	-1.978	0.615	-0.606	-6.260	-9.633	3.389	-8.245	-5.652	-6.873	-12.527
994	-6.032	-3.236	8.805	-1.074	0.613	-0.577	-6.035	-9.269	2.773	-7.107	-5.420	-6.609	-12.067
995	-4.511	-2.420	6.290	0.320	0.555	-0.464	-4.519	-6.931	1.779	-4.191	-3.956	-4.975	-9.030
996	-1.945	-1.037	2.747	2.296	0.653	-0.245	-1.955	-2.983	0.802	0.351	-1.292	-2.190	-3.900
997	-4.512	-2.422	6.138	6.277	0.741	-0.045	-4.521	-6.934	1.626	1.765	-3.771	-4.556	-9.032
998	-6.042	-3.245	8.219	8.556	0.876	-0.036	-6.045	-9.288	2.177	2.514	-5.166	-6.078	-12.088
999	-6.291	-3.386	8.539	9.356	0.921	-0.048	-6.284	-9.677	2.249	3.065	-5.369	-6.339	-12.575
1000	-6.067	-3.265	8.315	9.549	0.912	-0.059	-6.071	-9.332	2.248	3.482	-5.155	-6.126	-12.138
1001	-4.568	-2.468	6.357	8.276	0.818	-0.063	-4.578	-7.036	1.789	3.708	-3.750	-4.632	-9.146
1002	-2.042	-1.119	3.121	6.732	0.776	0.097	-2.054	-3.161	1.079	4.690	-1.265	-1.944	-4.096
1003	-4.569	-2.466	6.502	8.959	0.633	0.382	-4.579	-7.035	1.933	4.390	-3.936	-4.187	-9.148
1004	-6.090	-3.280	8.973	10.129	0.665	0.535	-6.094	-9.370	2.882	4.039	-5.426	-5.556	-12.184
1005	-6.325	-3.416	9.827	9.743	0.655	0.585	-6.319	-9.741	3.502	3.418	-5.669	-5.739	-12.643
1006	-6.079	-3.290	10.234	8.888	0.607	0.585	-6.084	-9.370	4.154	2.809	-5.472	-5.494	-12.163
1007	-4.547	-2.481	9.070	6.382	0.465	0.539	-4.559	-7.029	4.523	1.835	-4.082	-4.008	-9.106
1008	-1.979	-1.104	6.739	2.860	0.204	0.657	-1.993	-3.082	4.761	0.882	-1.775	-1.321	-3.971
1009	-5.096	-2.683	9.084	5.284	0.030	0.614	-5.104	-7.779	3.988	0.188	-5.066	-4.482	-10.200
1010	-6.650	-3.449	9.782	7.707	-0.059	0.869	-6.667	-10.100	3.131	1.057	-6.709	-5.782	-13.317
1011	-6.765	-3.467	9.020	7.914	-0.107	0.986	-6.767	-10.232	2.255	1.149	-6.872	-5.779	-13.532
1012	-6.607	-3.348	7.917	7.790	-0.174	1.066	-6.615	-9.954	1.310	1.183	-6.781	-5.541	-13.222
1013	-4.987	-2.488	5.019	5.390	-0.260	0.979	-4.982	-7.475	0.032	0.403	-5.248	-4.008	-9.969
1014	-2.276	-1.045	1.295	1.931	-0.410	0.995	-2.263	-3.321	-0.981	-0.345	-2.686	-1.281	-4.539
1015	-4.987	-2.487	-0.133	5.814	-0.523	0.863	-4.982	-7.475	-5.120	0.827	-5.510	-4.124	-9.969
1016	-6.606	-3.347	-1.386	8.800	-0.646	0.860	-6.615	-9.954	-7.993	2.193	-7.252	-5.747	-13.222
1017	-6.765	-3.467	-1.996	9.741	-0.645	0.749	-6.767	-10.232	-8.761	2.976	-7.410	-6.016	-13.532
1018	-6.650	-3.449	-2.484	10.549	-0.588	0.637	-6.666	-10.099	-9.134	3.898	-7.238	-6.013	-13.317
1019	-5.096	-2.683	-2.877	9.398	-0.472	0.396	-5.104	-7.779	-7.973	4.302	-5.568	-4.700	-10.200
1020	-2.498	-1.361	-4.370	7.920	-0.463	0.135	-2.504	-3.859	-6.869	5.422	-2.961	-2.363	-5.002
1021	-5.283	-2.856	-3.258	9.577	-0.531	-0.025	-5.295	-8.139	-8.541	4.294	-5.814	-5.308	-10.578
1022	-7.014	-3.782	-3.379	10.786	-0.680	-0.116	-7.038	-10.796	-10.393	3.772	-7.694	-7.130	-14.052
1023	-7.293	-3.931	-3.371	10.394	-0.704	-0.173	-7.307	-11.225	-10.664	3.100	-7.997	-7.467	-14.600
1024	-7.042	-3.792	-3.425	9.311	-0.673	-0.225	-7.065	-10.834	-10.467	2.269	-7.715	-7.267	-14.107
1025	-5.346	-2.887	-3.342	6.233	-0.511	-0.323	-5.357	-8.233	-8.688	0.887	-5.858	-5.669	-10.704
1026	-2.623	-1.442	-4.487	2.306	-0.409	-0.515	-2.628	-4.064	-7.110	-0.317	-3.031	-3.138	-5.250
1027	-5.340	-2.879	-2.919	0.570	-0.412	-0.553	-5.351	-8.219	-8.259	-4.770	-5.752	-5.893	-10.691
1028	-7.029	-3.775	-2.392	-0.936	-0.496	-0.638	-7.051	-10.803	-9.421	-7.965	-7.525	-7.667	-14.080
1029	-7.276	-3.906	-1.707	-1.791	-0.515	-0.622	-7.288	-11.182	-8.983	-9.067	-7.792	-7.898	-14.565
1030	-6.998	-3.750	-0.883	-2.510	-0.491	-0.571	-7.020	-10.748	-7.881	-9.508	-7.489	-7.569	-14.018
1031	-5.275	-2.824	0.589	-3.080	-0.353	-0.464	-5.284	-8.099	-4.686	-8.355	-5.627	-5.738	-10.559
1032	-2.501	-1.335	2.279	-4.737	-0.215	-0.456	-2.503	-3.836	-0.222	-7.238	-2.716	-2.957	-5.004
1033	-5.261	-2.814	6.217	-3.523	-0.111	-0.520	-5.270	-8.075	0.956	-8.784	-5.373	-5.781	-10.531
1034	-6.968	-3.726	9.276	-3.590	-0.064	-0.656	-6.989	-10.694	2.308	-10.558	-7.032	-7.624	-13.956
1035	-7.225	-3.867	10.335	-3.546	-0.054	-0.664	-7.236	-11.092	3.110	-10.771	-7.279	-7.889	-14.461

BEAM NO.	FORCE:UNIT=TON										AXIAL		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
1036	-6.950	-3.714	10.703	-3.585	-0.036	-0.616	-6.971	-10.665	3.753	-10.535	-6.986	-7.566	-13.921
1037	-5.224	-2.788	9.475	-3.512	0.014	-0.434	-5.232	-8.012	4.251	-8.735	-5.210	-5.658	-10.456
1038	-2.439	-1.290	7.792	-4.719	0.121	-0.297	-2.440	-3.729	5.353	-7.158	-2.317	-2.735	-4.878
1039	-5.224	-2.788	9.517	-3.064	0.277	-0.331	-5.232	-8.011	4.294	-8.287	-4.947	-5.554	-10.455
1040	-6.950	-3.714	10.880	-2.482	0.441	-0.427	-6.971	-10.664	3.930	-9.432	-6.509	-7.376	-13.921
1041	-7.225	-3.866	10.236	-1.754	0.480	-0.453	-7.236	-11.091	3.011	-8.979	-6.745	-7.678	-14.461
1042	-6.967	-3.726	9.105	-0.893	0.492	-0.435	-6.988	-10.693	2.138	-7.861	-6.475	-7.402	-13.956
1043	-5.261	-2.813	5.920	0.613	0.430	-0.302	-5.269	-8.074	0.659	-4.648	-4.831	-5.563	-10.530
1044	-2.501	-1.336	1.849	2.341	0.476	-0.168	-2.503	-3.836	-0.652	-0.160	-2.025	-2.669	-5.004
1045	-5.275	-2.824	5.398	6.279	0.565	-0.090	-5.284	-8.099	0.123	1.004	-4.710	-5.365	-10.558
1046	-6.998	-3.750	7.976	9.345	0.740	-0.071	-7.020	-10.748	0.978	2.347	-6.258	-7.069	-14.018
1047	-7.276	-3.906	8.332	10.413	0.785	-0.094	-7.288	-11.182	1.055	3.137	-6.491	-7.370	-14.565
1048	-7.029	-3.775	8.109	10.794	0.791	-0.115	-7.051	-10.804	1.080	3.765	-6.237	-7.144	-14.080
1049	-5.340	-2.879	5.678	9.586	0.669	-0.113	-5.351	-8.219	0.338	4.246	-4.671	-5.453	-10.691
1050	-2.622	-1.442	2.362	7.967	0.654	-0.078	-2.628	-4.064	-0.261	5.344	-1.969	-2.701	-5.250
1051	-5.346	-2.887	6.301	9.631	0.573	0.129	-5.357	-8.233	0.955	4.285	-4.773	-5.217	-10.703
1052	-7.042	-3.791	9.441	10.967	0.617	0.317	-7.065	-10.833	2.399	3.925	-6.425	-6.725	-14.107
1053	-7.293	-3.931	10.555	10.308	0.592	0.374	-7.307	-11.225	3.262	3.014	-6.701	-6.919	-14.600
1054	-7.014	-3.782	11.189	9.166	0.543	0.402	-7.038	-10.795	4.175	2.152	-6.471	-6.612	-14.051
1055	-5.283	-2.855	9.794	5.969	0.372	0.359	-5.295	-8.138	4.512	0.686	-4.911	-4.924	-10.577
1056	-2.498	-1.361	8.012	1.889	0.228	0.425	-2.504	-3.859	5.513	-0.609	-2.270	-2.074	-5.002
1057	-7.380	-3.898	13.707	3.189	0.026	0.271	-7.365	-11.278	6.327	-4.191	-7.354	-7.109	-14.745
1058	-11.818	-6.184	17.506	10.385	-0.056	1.133	-11.873	-18.001	5.688	-1.433	-11.873	-10.685	-23.691
1059	-14.618	-7.575	19.604	15.570	-0.106	1.940	-14.765	-22.193	4.986	0.953	-14.724	-12.678	-29.382
1060	-11.718	-6.081	14.461	10.622	-0.245	1.658	-11.765	-17.799	2.744	-1.096	-11.963	-10.060	-23.482
1061	-7.172	-3.689	7.828	3.681	-0.398	1.351	-7.141	-10.861	0.656	-3.491	-7.569	-5.820	-14.313
1062	0.874	0.536	-0.614	-7.900	-0.537	0.956	0.979	1.410	0.260	-7.026	0.337	1.830	1.853
1063	-7.172	-3.689	-0.409	5.280	-0.784	1.165	-7.141	-10.861	-7.581	-1.892	-7.956	-6.007	-14.313
1064	-11.718	-6.081	-1.918	13.986	-1.057	1.286	-11.765	-17.799	-13.637	2.267	-12.775	-10.432	-23.484
1065	-14.618	-7.574	-3.662	20.635	-1.283	1.420	-14.765	-22.192	-18.281	6.016	-15.902	-13.198	-29.383
1066	-11.819	-6.183	-3.607	17.913	-0.818	0.770	-11.874	-18.002	-15.425	6.094	-12.636	-11.048	-23.692
1067	-7.380	-3.898	-3.561	13.366	-0.311	0.076	-7.365	-11.277	-10.941	5.987	-7.691	-7.304	-14.745
1068	0.556	0.248	-2.217	4.008	0.440	-0.785	0.639	0.804	-1.661	4.563	0.996	-0.230	1.195
1069	-7.457	-4.005	-4.145	13.356	-0.341	-0.631	-7.448	-11.461	-11.602	5.899	-7.798	-8.087	-14.905
1070	-11.976	-6.397	-5.167	17.592	-0.892	-0.606	-12.044	-18.374	-17.143	5.616	-12.868	-12.582	-24.020
1071	-14.906	-7.903	-6.188	20.087	-1.386	-0.533	-15.070	-22.809	-21.094	5.181	-16.292	-15.439	-29.976
1072	-12.064	-6.474	-5.194	15.292	-0.857	-0.533	-12.131	-18.538	-17.258	3.228	-12.921	-12.597	-24.195
1073	-7.618	-4.142	-4.170	9.031	-0.261	-0.579	-7.609	-11.760	-11.787	1.413	-7.878	-8.196	-15.227
1074	0.369	0.111	-2.227	0.990	0.566	-0.563	0.455	0.480	-1.858	1.360	0.935	-0.193	0.824
1075	-7.640	-4.152	-3.189	1.019	-0.133	-0.904	-7.630	-11.792	-10.829	-6.621	-7.773	-8.544	-15.270
1076	-12.103	-6.492	-2.876	-0.725	-0.598	-1.155	-12.169	-18.595	-14.979	-12.828	-12.701	-13.258	-24.272
1077	-14.957	-7.929	-2.616	-2.789	-1.025	-1.333	-15.117	-22.885	-17.572	-17.746	-15.981	-16.289	-30.074
1078	-12.024	-6.425	-0.654	-3.161	-0.759	-0.823	-12.087	-18.449	-12.678	-15.185	-12.784	-12.848	-24.112
1079	-7.480	-4.017	0.993	-3.599	-0.412	-0.277	-7.467	-11.497	-6.487	-11.080	-7.892	-7.757	-14.947
1080	0.594	0.294	0.894	-2.728	0.013	0.524	0.685	0.888	1.488	-2.134	0.608	1.118	1.279

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
1081	-7.427	-3.976	8.970	-4.721	-0.049	-0.288	-7.412	-11.402	1.543	-12.148	-7.476	-7.715	-14.839
1082	-11.912	-6.337	15.268	-5.766	-0.064	-0.833	-11.973	-18.250	3.356	-17.678	-11.977	-12.745	-23.886
1083	-14.788	-7.797	20.109	-6.775	-0.107	-1.306	-14.946	-22.585	5.321	-21.563	-14.895	-16.094	-29.734
1084	-11.880	-6.315	17.652	-5.753	-0.215	-0.744	-11.941	-18.195	5.773	-17.633	-12.095	-12.624	-23.820
1085	-7.360	-3.929	13.426	-4.695	-0.280	-0.103	-7.345	-11.289	6.066	-12.055	-7.640	-7.463	-14.705
1086	0.677	0.348	4.097	-2.689	-0.466	0.770	0.769	1.025	4.775	-2.011	0.212	1.448	1.447
1087	-7.360	-3.928	13.378	-3.570	0.151	0.048	-7.345	-11.288	6.018	-10.930	-7.209	-7.312	-14.705
1088	-11.880	-6.314	17.840	-3.135	0.614	-0.436	-11.941	-18.194	5.960	-15.015	-11.265	-12.316	-23.820
1089	-14.789	-7.796	20.479	-2.762	1.009	-0.873	-14.946	-22.585	5.689	-17.551	-13.780	-15.662	-29.736
1090	-11.913	-6.337	13.626	-0.688	0.579	-0.610	-11.974	-18.250	1.713	-12.601	-11.334	-12.523	-23.887
1091	-7.427	-3.975	4.748	1.074	0.140	-0.260	-7.412	-11.402	-2.678	-6.353	-7.286	-7.687	-14.839
1092	0.594	0.294	-8.802	1.097	-0.567	0.200	0.685	0.888	-8.208	1.691	0.027	0.794	1.279
1093	-7.480	-4.017	3.332	9.156	0.405	0.015	-7.466	-11.497	-4.148	1.677	-7.075	-7.465	-14.946
1094	-12.023	-6.425	10.621	15.464	1.088	-0.102	-12.087	-18.449	-1.402	3.441	-10.935	-12.125	-24.110
1095	-14.956	-7.930	15.905	20.319	1.705	-0.240	-15.117	-22.885	0.949	5.363	-13.251	-15.196	-30.072
1096	-12.103	-6.492	10.946	17.883	1.208	-0.443	-12.168	-18.595	-1.157	5.781	-10.895	-12.546	-24.271
1097	-7.640	-4.152	3.995	13.686	0.651	-0.606	-7.631	-11.792	-3.645	6.046	-6.989	-8.246	-15.270
1098	0.369	0.111	-7.843	4.361	-0.190	-0.879	0.455	0.480	-7.473	4.730	0.179	-0.510	0.824
1099	-7.617	-4.142	5.613	13.585	0.494	-0.245	-7.609	-11.759	-2.004	5.968	-7.123	-7.862	-15.227
1100	-12.065	-6.474	14.382	17.962	0.926	0.239	-12.132	-18.538	2.317	5.897	-11.139	-11.826	-24.197
1101	-14.907	-7.902	21.147	20.521	1.366	0.645	-15.070	-22.809	6.240	5.614	-13.541	-14.262	-29.977
1102	-11.977	-6.397	18.462	13.606	0.994	0.221	-12.044	-18.375	6.484	1.628	-10.984	-11.756	-24.022
1103	-7.457	-4.004	14.032	4.698	0.566	-0.202	-7.448	-11.461	6.575	-2.759	-6.891	-7.659	-14.905
1104	0.556	0.248	4.998	-8.792	-0.010	-0.883	0.639	0.804	5.554	-8.236	0.546	-0.328	1.195
1105	-14.898	-7.861	15.735	12.750	0.479	0.980	-14.802	-22.759	0.837	-2.149	-14.419	-13.918	-29.701
1106	-14.242	-7.495	12.790	11.775	0.093	0.523	-14.168	-21.737	-1.453	-2.467	-14.150	-13.719	-28.411
1107	-14.654	-7.711	10.030	12.052	-0.543	0.075	-14.600	-22.365	-4.625	-2.603	-15.197	-14.580	-29.255
1108	-14.720	-7.727	10.412	12.021	0.423	-0.061	-14.667	-22.448	-4.308	-2.700	-14.298	-14.781	-29.387
1109	-14.358	-7.523	5.696	11.558	-0.498	0.063	-14.286	-21.881	-8.662	-2.800	-14.856	-14.295	-28.644
1110	-14.940	-7.865	1.174	12.164	-1.177	0.130	-14.850	-22.805	-13.766	-2.776	-16.117	-14.810	-29.789
1111	-14.939	-7.865	0.521	12.679	0.120	0.235	-14.851	-22.804	-14.418	-2.261	-14.820	-14.704	-29.790
1112	-14.357	-7.523	-2.832	12.016	-0.283	-0.245	-14.287	-21.880	-17.189	-2.341	-14.640	-14.602	-28.644
1113	-14.720	-7.727	-5.845	12.236	-0.827	-0.955	-14.667	-22.446	-20.564	-2.484	-15.546	-15.674	-29.387
1114	-14.654	-7.710	-1.250	16.239	-0.276	-0.112	-14.601	-22.364	-15.903	1.585	-14.929	-14.765	-29.255
1115	-14.242	-7.495	-3.158	14.898	-1.077	-0.263	-14.169	-21.736	-17.400	0.656	-15.319	-14.505	-28.411
1116	-14.898	-7.861	-3.935	14.076	-1.726	-0.246	-14.804	-22.759	-18.832	-0.821	-16.623	-15.143	-29.701
1117	-14.959	-7.936	2.110	16.721	-0.914	0.863	-14.866	-22.895	-12.849	1.762	-15.873	-14.096	-29.825
1118	-14.381	-7.678	0.211	13.671	-0.775	0.194	-14.315	-22.058	-14.170	-0.709	-15.156	-14.187	-28.696
1119	-14.873	-7.994	-0.551	10.797	-0.582	-0.703	-14.831	-22.867	-15.424	-4.076	-15.455	-15.576	-29.704
1120	-14.885	-8.014	-0.486	10.959	-0.567	0.166	-14.845	-22.899	-15.371	-3.926	-15.451	-14.719	-29.730
1121	-14.418	-7.739	0.409	5.955	-0.734	-0.720	-14.357	-22.157	-14.009	-8.462	-15.151	-15.137	-28.774
1122	-15.026	-8.047	2.432	1.059	-0.863	-1.394	-14.941	-23.073	-12.594	-13.967	-15.889	-16.419	-29.967
1123	-15.018	-8.043	-3.590	0.027	-1.681	-0.173	-14.935	-23.061	-18.608	-14.991	-16.699	-15.191	-29.954
1124	-14.403	-7.736	-2.947	-3.280	-1.082	-0.623	-14.344	-22.139	-17.350	-17.684	-15.486	-15.026	-28.748
1125	-14.871	-8.017	-1.180	-6.072	-0.353	-1.117	-14.834	-22.889	-16.051	-20.944	-15.225	-15.988	-29.705

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
1126	-14.875	-8.014	-5.951	-1.305	-0.992	-0.491	-14.837	-22.889	-20.826	-16.180	-15.867	-15.366	-29.712
1127	-14.419	-7.733	-3.170	-3.060	-0.536	-1.218	-14.359	-22.153	-17.589	-17.479	-14.956	-15.637	-28.779
1128	-15.061	-8.056	0.126	-3.661	-0.166	-1.805	-14.977	-23.117	-14.935	-18.722	-15.227	-16.866	-30.038
1129	-15.046	-8.040	1.075	2.346	-1.425	-0.942	-14.960	-23.086	-13.971	-12.701	-16.471	-15.988	-30.007
1130	-14.395	-7.702	5.859	0.296	-0.765	-0.785	-14.332	-22.097	-8.536	-14.099	-15.159	-15.180	-28.727
1131	-14.841	-7.968	10.758	-0.580	0.050	-0.581	-14.800	-22.809	-4.083	-15.421	-14.792	-15.422	-29.641
1132	-14.832	-7.959	10.521	-0.583	-0.922	-0.559	-14.790	-22.791	-4.312	-15.416	-15.754	-15.391	-29.623
1133	-14.369	-7.676	13.367	0.286	-0.119	-0.729	-14.305	-22.045	-1.002	-14.083	-14.488	-15.097	-28.674
1134	-15.010	-8.002	16.479	2.330	0.528	-0.875	-14.923	-23.013	1.469	-12.681	-14.483	-15.885	-29.933
1135	-15.010	-8.003	14.015	-3.673	-0.353	-1.692	-14.924	-23.012	-0.995	-18.683	-15.362	-16.702	-29.934
1136	-14.368	-7.676	15.065	-3.054	0.031	-1.078	-14.306	-22.044	0.697	-17.422	-14.337	-15.447	-28.674
1137	-14.832	-7.958	16.678	-1.289	0.499	-0.357	-14.791	-22.790	1.847	-16.121	-14.332	-15.188	-29.623
1138	-14.840	-7.967	12.771	-6.061	-0.235	-1.023	-14.800	-22.808	-2.069	-20.902	-15.076	-15.863	-29.641
1139	-14.394	-7.702	12.573	-3.284	0.455	-0.607	-14.333	-22.096	-1.822	-17.678	-13.939	-15.002	-28.727
1140	-15.046	-8.040	13.467	0.003	0.988	-0.280	-14.962	-23.086	-1.579	-15.043	-14.058	-15.326	-30.008
1141	-15.062	-8.056	13.050	1.000	0.923	-1.566	-14.976	-23.118	-2.012	-14.061	-14.138	-16.627	-30.038
1142	-14.420	-7.734	12.333	5.842	0.799	-0.879	-14.359	-22.154	-2.087	-8.578	-13.621	-15.299	-28.779
1143	-14.876	-8.015	12.860	10.791	0.627	-0.040	-14.836	-22.891	-2.016	-4.085	-14.249	-14.915	-29.712
1144	-14.872	-8.018	12.855	10.585	0.618	-0.985	-14.833	-22.890	-2.017	-4.287	-14.254	-15.857	-29.706
1145	-14.404	-7.736	12.292	13.436	0.764	-0.150	-14.343	-22.140	-2.112	-0.968	-13.640	-14.554	-28.747
1146	-15.019	-8.043	12.899	16.521	0.841	0.549	-14.934	-23.062	-2.120	1.502	-14.178	-14.470	-29.953
1147	-15.025	-8.047	13.353	14.066	0.910	-0.320	-14.943	-23.073	-1.673	-0.959	-14.116	-15.345	-29.968
1148	-14.417	-7.739	12.519	15.157	0.387	0.058	-14.358	-22.156	-1.899	0.740	-14.031	-14.360	-28.775
1149	-14.884	-8.013	12.673	16.789	-0.328	0.563	-14.846	-22.898	-2.211	1.905	-15.212	-14.321	-29.730
1150	-14.872	-7.994	16.455	12.880	0.362	-0.103	-14.832	-22.866	1.583	-1.993	-14.511	-14.976	-29.704
1151	-14.380	-7.677	14.650	12.644	-0.156	0.662	-14.316	-22.058	0.270	-1.736	-14.537	-13.719	-28.697
1152	-14.958	-7.936	13.350	13.429	-0.560	1.225	-14.868	-22.894	-1.608	-1.529	-15.518	-13.733	-29.826
1153	-4.919	-2.707	3.275	3.161	2.428	-3.072	-4.924	-7.626	-1.644	-1.758	-2.491	-7.992	-9.843
1154	2.276	1.117	0.090	1.120	-1.622	2.759	2.287	3.393	2.366	3.396	0.654	5.035	4.563
1155	-1.592	-1.023	-0.414	-1.763	2.058	-3.252	-1.606	-2.615	-2.006	-3.355	0.466	-4.844	-3.199
1156	0.276	0.062	-1.051	2.240	-2.837	2.303	0.286	0.338	-0.775	2.516	-2.561	2.579	0.562
1157	0.853	0.160	1.036	-2.533	3.044	-2.249	0.842	1.013	1.888	-1.680	3.896	-1.397	1.694
1158	5.858	2.649	-3.191	-5.337	-0.050	0.575	5.847	8.507	2.666	0.521	5.808	6.433	11.705
1159	7.850	3.732	-4.665	-6.212	0.274	1.292	7.827	11.582	3.185	1.638	8.124	9.142	15.676
1160	0.313	-0.198	-0.631	-1.325	-0.196	-1.418	0.306	0.116	-0.317	-1.012	0.118	-1.105	0.619
1161	0.804	0.175	0.559	1.175	0.174	1.466	0.811	0.979	1.363	1.979	0.978	2.270	1.615
1162	-3.006	-1.954	-0.621	1.494	-1.377	-2.253	-3.012	-4.960	-3.626	-1.512	-4.383	-5.258	-6.017
1163	3.389	1.539	0.489	-1.177	1.085	1.972	3.394	4.928	3.878	2.213	4.474	5.361	6.783
1164	-6.820	-3.849	-0.801	5.794	-1.896	-3.042	-6.825	-10.669	-7.621	-1.025	-8.715	-9.862	-13.645
1165	-6.820	-3.849	7.265	4.687	3.486	-0.810	-6.825	-10.669	0.444	-2.133	-3.334	-7.631	-13.646
1166	3.389	1.539	-3.327	-0.532	-2.166	0.628	3.394	4.928	0.062	2.857	1.223	4.017	6.783
1167	-3.006	-1.954	4.223	0.676	2.572	-0.620	-3.012	-4.960	1.218	-2.330	-0.434	-3.626	-6.018
1168	0.804	0.175	-1.157	2.458	-1.163	0.912	0.811	0.980	-0.353	3.262	-0.359	1.717	1.615
1169	0.313	-0.198	1.305	-2.773	1.145	-0.863	0.305	0.115	1.618	-2.460	1.458	-0.550	0.618
1170	7.851	3.733	-0.738	-6.458	-1.121	0.708	7.828	11.584	7.113	1.392	6.730	8.559	15.679

BEAM NO.	AXIAL FORCE:UNIT=TON										CASE11 CASE12 CASE13		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
1171	5.858	2.649	0.167	-7.078	-0.375	0.437	5.848	8.507	6.025	-1.220	5.483	6.295	11.706
1172	0.852	0.160	-1.108	-2.143	-0.558	-3.742	0.841	1.012	-0.256	-1.291	0.294	-2.890	1.693
1173	0.276	0.062	0.830	1.885	0.374	3.634	0.286	0.338	1.106	2.161	0.650	3.910	0.562
1174	-1.592	-1.022	2.166	-1.815	0.846	-3.755	-1.606	-2.615	0.574	-3.408	-0.746	-5.348	-3.199
1175	2.276	1.117	-1.861	1.169	-0.806	3.098	2.287	3.393	0.415	3.445	1.470	5.374	4.563
1176	-4.919	-2.707	1.887	0.636	0.454	-3.891	-4.924	-7.627	-3.033	-4.283	-4.465	-8.811	-9.844
1177	-5.201	-2.839	5.827	2.440	2.236	1.994	-5.202	-8.039	0.626	-2.761	-2.965	-3.206	-10.403
1178	3.685	1.853	-3.707	0.572	-1.822	-0.428	3.696	5.537	-0.022	4.257	1.863	3.256	7.380
1179	-3.381	-1.957	4.373	-0.968	2.062	0.544	-3.395	-5.337	0.993	-4.348	-1.319	-2.837	-6.775
1180	2.031	0.970	-1.654	-0.010	-0.883	-0.884	2.039	3.001	0.377	2.020	1.148	1.147	4.069
1181	-1.070	-0.722	1.553	-0.215	0.760	0.997	-1.080	-1.793	0.483	-1.286	-0.310	-0.073	-2.150
1182	0.652	0.246	-0.167	0.108	-0.110	-0.683	0.653	0.898	0.485	0.759	0.542	-0.032	1.305
1183	0.497	0.104	-0.128	-0.321	-0.112	0.683	0.495	0.601	0.369	0.176	0.384	1.180	0.992
1184	-0.920	-0.582	1.521	-0.442	0.761	-0.925	-0.926	-1.501	0.601	-1.362	-0.159	-1.845	-1.846
1185	1.897	0.845	-1.625	0.191	-0.883	0.820	1.903	2.742	0.272	2.088	1.014	2.717	3.800
1186	-3.238	-1.815	4.353	-0.708	2.044	-0.561	-3.250	-5.053	1.114	-3.946	-1.195	-3.800	-6.488
1187	3.572	1.741	-3.691	0.368	-1.807	0.442	3.581	5.313	-0.118	3.940	1.765	4.015	7.154
1188	-5.199	-2.881	5.805	-1.595	2.209	-1.410	-5.203	-8.080	0.605	-6.794	-2.990	-6.609	-10.403
1189	-5.247	-2.958	1.982	5.947	0.505	2.794	-5.254	-8.205	-3.265	0.700	-4.742	-2.453	-10.501
1190	3.628	1.822	-2.195	-3.142	-0.956	-1.599	3.640	5.450	1.433	0.486	2.672	2.029	7.267
1191	-3.309	-1.918	2.590	3.798	1.037	1.853	-3.324	-5.227	-0.718	0.489	-2.272	-1.456	-6.632
1192	2.021	0.961	-0.282	-2.137	-0.158	-1.048	2.030	2.981	1.739	-0.117	1.862	0.973	4.050
1193	-1.060	-0.712	0.133	2.232	0.012	1.015	-1.070	-1.772	-0.926	1.173	-1.048	-0.044	-2.129
1194	0.606	0.206	0.575	-0.799	0.260	-0.373	0.607	0.813	1.181	-0.193	0.867	0.233	1.213
1195	0.543	0.144	-0.749	0.630	-0.418	0.216	0.542	0.687	-0.206	1.173	0.126	0.759	1.085
1196	-0.991	-0.644	2.133	0.116	0.993	0.119	-0.999	-1.636	1.141	-0.875	0.002	-0.873	-1.991
1197	1.960	0.900	-2.054	-0.261	-1.028	-0.253	1.967	2.860	-0.094	1.699	0.932	1.707	3.927
1198	-3.250	-1.869	3.655	2.624	1.724	1.209	-3.264	-5.119	0.405	-0.626	-1.526	-2.041	-6.514
1199	3.582	1.783	-3.034	-2.217	-1.497	-1.092	3.593	5.365	0.548	1.365	2.084	2.490	7.175
1200	-5.261	-2.952	5.807	2.154	2.456	0.733	-5.267	-8.212	0.546	-3.107	-2.804	-4.528	-10.527
1201	-5.320	-3.021	-1.377	5.833	-1.333	2.133	-5.329	-8.341	-6.697	0.513	-6.653	-3.187	-10.649
1202	3.631	1.835	0.296	-3.682	0.386	-1.738	3.644	5.466	3.927	-0.051	4.017	1.893	7.275
1203	-3.313	-1.934	-0.605	4.350	-0.490	1.956	-3.329	-5.246	-3.917	1.038	-3.802	-1.357	-6.642
1204	2.012	0.952	-0.102	-1.603	0.612	-0.809	2.020	2.964	1.910	0.409	2.624	1.203	4.032
1205	-1.049	-0.702	-0.100	1.503	-0.691	0.676	-1.059	-1.751	-1.149	0.455	-1.740	-0.372	-2.108
1206	0.593	0.189	-0.558	-0.140	0.486	-0.070	0.594	0.783	0.035	0.454	1.079	0.524	1.187
1207	0.555	0.161	0.356	-0.147	-0.486	-0.152	0.555	0.716	0.911	0.408	0.069	0.403	1.110
1208	-0.988	-0.660	-0.458	1.514	0.726	0.766	-0.997	-1.648	-1.445	0.527	-0.262	-0.222	-1.984
1209	1.957	0.915	0.215	-1.612	-0.643	-0.888	1.965	2.872	2.172	0.345	1.314	1.069	3.923
1210	-3.342	-1.943	-1.023	4.362	0.460	2.021	-3.358	-5.285	-4.365	1.020	-2.883	-1.321	-6.700
1211	3.654	1.841	0.626	-3.691	-0.362	-1.789	3.667	5.496	4.280	-0.037	3.292	1.865	7.321
1212	-5.315	-3.010	2.431	5.829	1.369	2.143	-5.323	-8.325	-2.884	0.514	-3.946	-3.172	-10.638
1213	-5.315	-3.010	1.871	2.136	-2.485	0.545	-5.324	-8.326	-3.445	-3.179	-7.800	-4.770	-10.639
1214	3.654	1.841	-0.956	-2.285	1.520	-1.008	3.666	5.495	2.698	1.369	5.174	2.646	7.320
1215	-3.342	-1.942	0.826	2.711	-1.752	1.102	-3.358	-5.285	-2.516	-0.631	-5.094	-2.240	-6.700

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
1216	1.957	0.915	-1.156	-0.218	1.081	-0.173	1.965	2.872	0.801	1.739	3.038	1.784	3.923
1217	-0.988	-0.660	0.939	0.067	-1.053	0.029	-0.997	-1.648	-0.049	-0.921	-2.041	-0.959	-1.985
1218	0.556	0.161	-1.016	0.621	0.451	0.236	0.555	0.717	-0.461	1.177	1.007	0.791	1.111
1219	0.594	0.189	0.673	-0.790	-0.294	-0.393	0.594	0.783	1.266	-0.197	0.299	0.201	1.188
1220	-1.049	-0.703	-0.701	2.196	0.012	0.967	-1.059	-1.752	-1.750	1.146	-1.037	-0.082	-2.108
1221	2.011	0.952	0.299	-2.105	0.137	-1.005	2.020	2.963	2.310	-0.093	2.149	1.007	4.031
1222	-3.313	-1.934	-0.432	3.747	-1.036	1.728	-3.329	-5.246	-3.745	0.435	-4.349	-1.585	-6.642
1223	3.631	1.835	0.035	-3.102	0.956	-1.501	3.644	5.466	3.666	0.529	4.587	2.131	7.275
1224	-5.321	-3.021	3.399	5.882	-0.568	2.449	-5.330	-8.341	-1.922	0.562	-5.888	-2.872	-10.650
1225	-5.260	-2.952	4.113	-1.407	-2.255	-1.219	-5.266	-8.212	-1.147	-6.667	-7.515	-6.479	-10.526
1226	3.582	1.783	-0.843	0.306	1.829	0.287	3.593	5.365	2.739	3.888	5.410	3.869	7.174
1227	-3.250	-1.869	0.749	-0.618	-2.071	-0.364	-3.264	-5.119	-2.501	-3.868	-5.321	-3.614	-6.514
1228	1.960	0.900	-0.559	-0.072	0.903	0.548	1.967	2.861	1.401	1.888	2.863	2.508	3.928
1229	-0.991	-0.644	0.329	-0.134	-0.783	-0.618	-0.999	-1.635	-0.662	-1.125	-1.774	-1.609	-1.990
1230	0.543	0.144	-0.012	-0.529	0.142	0.448	0.542	0.687	0.531	0.013	0.685	0.991	1.085
1231	0.606	0.206	-0.273	0.327	0.080	-0.448	0.607	0.812	0.333	0.933	0.685	0.158	1.212
1232	-1.059	-0.712	0.600	-0.449	-0.724	0.710	-1.069	-1.771	-0.460	-1.509	-1.783	-0.349	-2.128
1233	2.021	0.961	-0.799	0.208	0.851	-0.629	2.030	2.982	1.222	2.228	2.872	1.392	4.051
1234	-3.308	-1.918	0.918	-0.920	-2.040	0.576	-3.324	-5.227	-2.390	-4.229	-5.349	-2.733	-6.632
1235	3.628	1.822	-0.976	0.545	1.805	-0.454	3.640	5.450	2.652	4.173	5.432	3.174	7.267
1236	-5.247	-2.958	4.034	2.457	-2.333	1.617	-5.254	-8.204	-1.213	-2.790	-7.580	-3.630	-10.501
1237	-5.200	-2.881	3.003	1.685	-0.566	-2.557	-5.203	-8.081	-2.196	-3.514	-5.766	-7.757	-10.403
1238	3.572	1.741	0.333	-0.845	0.964	1.588	3.581	5.313	3.905	2.728	4.536	5.161	7.154
1239	-3.238	-1.815	-0.810	0.670	-1.046	-1.839	-3.250	-5.053	-4.048	-2.568	-4.284	-5.077	-6.488
1240	1.897	0.845	0.443	-1.031	0.042	1.203	1.903	2.742	2.340	0.866	1.939	3.100	3.800
1241	-0.920	-0.582	-0.865	0.785	0.119	-1.190	-0.926	-1.502	-1.785	-0.135	-0.801	-2.110	-1.846
1242	0.497	0.104	0.725	-0.891	-0.404	0.563	0.496	0.602	1.223	-0.393	0.093	1.060	0.993
1243	0.652	0.246	-1.069	0.534	0.561	-0.405	0.653	0.898	-0.417	1.186	1.213	0.246	1.305
1244	-1.071	-0.722	0.797	-0.563	-1.240	0.169	-1.080	-1.793	-0.274	-1.633	-2.311	-0.902	-2.151
1245	2.031	0.970	-1.029	0.163	1.247	-0.002	2.039	3.001	1.001	2.194	3.278	2.029	4.070
1246	-3.381	-1.957	0.675	-0.403	-1.840	-1.071	-3.395	-5.337	-2.706	-3.784	-5.221	-4.452	-6.776
1247	3.684	1.852	-0.837	0.001	1.589	0.984	3.695	5.537	2.848	3.685	5.274	4.668	7.380
1248	-5.201	-2.839	0.574	3.474	-2.990	-0.170	-5.202	-8.040	-4.627	-1.727	-8.191	-5.371	-10.403
1249	-12.387	-6.646	7.225	10.005	-2.062	-1.818	-12.388	-19.032	-5.162	-2.381	-14.448	-14.204	-24.775
1250	-6.632	-3.454	4.515	7.135	-1.445	0.304	-6.632	-10.086	-2.117	0.503	-8.077	-6.328	-13.264
1251	-1.480	-0.626	-4.540	3.704	-4.614	1.916	-1.490	-2.106	-6.020	2.223	-6.094	0.436	-2.971
1252	-1.290	-0.412	0.964	1.645	-0.237	1.079	-1.296	-1.702	-0.326	0.356	-1.527	-0.210	-2.586
1253	-5.965	-2.742	3.135	5.334	0.091	-0.029	-5.950	-8.707	-2.831	-0.631	-5.875	-5.994	-11.916
1254	-10.793	-5.100	6.501	8.761	1.826	-1.108	-10.791	-15.894	-4.292	-2.033	-8.968	-11.901	-21.585
1255	-10.793	-5.100	1.978	9.407	-0.509	-2.079	-10.791	-15.892	-8.815	-1.386	-11.302	-12.872	-21.583
1256	-5.965	-2.742	1.496	5.238	-0.033	-0.085	-5.950	-8.707	-4.469	-0.728	-5.999	-6.050	-11.915
1257	-1.289	-0.412	-0.460	0.915	-0.593	0.928	-1.296	-1.701	-1.750	-0.375	-1.883	-0.362	-2.585
1258	-1.480	-0.626	4.833	3.857	1.906	4.614	-1.490	-2.106	3.353	2.377	0.426	3.134	-2.970
1259	-6.631	-3.454	1.962	6.749	0.806	1.236	-6.632	-10.085	-4.669	0.118	-5.825	-5.396	-13.263
1260	-12.386	-6.645	7.544	8.333	2.742	0.172	-12.387	-19.031	-4.841	-4.053	-9.644	-12.214	-24.773

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
1261	-11.752	-6.431	5.475	6.796	1.900	-2.832	-11.758	-18.183	-6.276	-4.956	-9.851	-14.584	-23.509
1262	-5.609	-3.126	0.939	5.541	0.425	-0.500	-5.613	-8.734	-4.670	-0.068	-5.184	-6.108	-11.221
1263	-4.563	-2.585	-0.134	5.146	0.056	-0.266	-4.572	-7.149	-4.698	0.583	-4.507	-4.829	-9.135
1264	-4.570	-2.583	-0.183	5.240	0.038	0.028	-4.578	-7.153	-4.753	0.670	-4.532	-4.542	-9.148
1265	-5.657	-3.146	0.831	5.087	0.372	0.163	-5.661	-8.803	-4.826	-0.570	-5.285	-5.494	-11.318
1266	-12.140	-6.605	5.012	9.105	1.692	2.027	-12.144	-18.745	-7.128	-3.035	-10.448	-10.114	-24.284
1267	-12.216	-6.622	7.058	4.421	2.527	0.077	-12.219	-18.838	-5.159	-7.795	-9.689	-12.139	-24.435
1268	-5.571	-3.091	0.754	1.629	0.346	0.175	-5.574	-8.662	-4.817	-3.942	-5.226	-5.396	-11.145
1269	-4.549	-2.565	0.159	0.278	0.078	-0.072	-4.557	-7.114	-4.390	-4.272	-4.471	-4.621	-9.106
1270	-4.546	-2.566	0.257	0.177	-0.072	0.085	-4.554	-7.112	-4.289	-4.369	-4.618	-4.461	-9.100
1271	-5.575	-3.107	1.601	0.791	0.139	0.361	-5.579	-8.682	-3.974	-4.784	-5.436	-5.214	-11.154
1272	-12.249	-6.709	4.369	7.195	-0.076	2.604	-12.257	-18.958	-7.880	-5.054	-12.326	-9.645	-24.507
1273	-12.222	-6.678	9.166	5.198	1.780	1.913	-12.228	-18.899	-3.055	-7.024	-10.442	-10.309	-24.450
1274	-5.563	-3.100	4.874	0.819	0.133	0.386	-5.566	-8.663	-0.689	-4.744	-5.430	-5.177	-11.129
1275	-4.531	-2.560	5.230	-0.240	0.105	0.022	-4.539	-7.091	0.699	-4.771	-4.425	-4.509	-9.070
1276	-4.537	-2.565	5.200	-0.236	-0.099	0.015	-4.545	-7.102	0.663	-4.773	-4.636	-4.522	-9.082
1277	-5.642	-3.147	5.750	0.826	-0.193	0.357	-5.646	-8.788	0.109	-4.816	-5.835	-5.284	-11.288
1278	-12.250	-6.724	8.027	5.240	-1.736	1.709	-12.259	-18.974	-4.223	-7.010	-13.986	-10.541	-24.509
1279	-12.250	-6.724	8.407	7.069	0.018	2.434	-12.259	-18.973	-3.843	-5.181	-12.232	-9.816	-24.508
1280	-5.641	-3.147	5.213	0.908	-0.115	0.388	-5.646	-8.788	-0.429	-4.733	-5.756	-5.253	-11.287
1281	-4.537	-2.565	5.175	0.166	0.064	0.082	-4.545	-7.102	0.638	-4.371	-4.474	-4.456	-9.082
1282	-4.531	-2.560	5.136	0.263	-0.086	-0.057	-4.539	-7.091	0.605	-4.268	-4.618	-4.589	-9.070
1283	-5.562	-3.100	5.680	1.623	-0.366	0.179	-5.566	-8.662	0.118	-3.939	-5.929	-5.383	-11.128
1284	-12.221	-6.678	10.107	4.436	-2.613	0.094	-12.228	-18.899	-2.114	-7.785	-14.834	-12.127	-24.449
1285	-12.250	-6.709	9.828	9.280	-1.790	1.896	-12.258	-18.959	-2.422	-2.970	-14.039	-10.354	-24.508
1286	-5.575	-3.107	5.464	4.904	-0.353	0.158	-5.579	-8.683	-0.111	-0.671	-5.928	-5.417	-11.154
1287	-4.546	-2.566	5.117	5.239	-0.005	0.113	-4.554	-7.112	0.571	0.694	-4.550	-4.433	-9.099
1288	-4.549	-2.565	5.115	5.198	0.000	-0.105	-4.557	-7.114	0.566	0.649	-4.549	-4.654	-9.106
1289	-5.571	-3.091	5.387	5.821	-0.367	-0.121	-5.574	-8.663	-0.185	0.249	-5.938	-5.693	-11.146
1290	-12.216	-6.622	9.465	7.826	-1.842	-1.734	-12.219	-18.838	-2.751	-4.390	-14.058	-13.950	-24.435
1291	-12.140	-6.605	9.880	8.406	-2.631	0.236	-12.144	-18.745	-2.260	-3.734	-14.771	-11.904	-24.285
1292	-5.657	-3.146	5.741	5.209	-0.378	-0.147	-5.660	-8.803	0.084	-0.447	-6.034	-5.804	-11.317
1293	-4.570	-2.583	5.235	5.172	-0.042	-0.005	-4.578	-7.153	0.665	0.602	-4.612	-4.575	-9.148
1294	-4.563	-2.586	5.342	5.092	0.153	-0.226	-4.572	-7.149	0.779	0.529	-4.411	-4.790	-9.135
1295	-5.608	-3.125	5.397	5.522	0.054	-0.654	-5.612	-8.734	-0.211	-0.086	-5.554	-6.262	-11.221
1296	-11.751	-6.431	8.754	9.236	0.658	-3.347	-11.757	-18.182	-2.997	-2.515	-11.093	-15.099	-23.508
1297	-18.716	-9.960	12.444	15.510	-2.294	-2.352	-18.719	-28.676	-6.273	-3.206	-21.010	-21.068	-37.436
1298	-7.119	-3.670	6.043	7.692	-1.145	0.496	-7.118	-10.789	-1.077	0.572	-8.265	-6.624	-14.237
1299	-4.543	-2.226	2.832	6.150	-1.850	1.401	-4.546	-6.769	-1.711	1.607	-6.393	-3.142	-9.089
1300	-3.347	-1.499	1.147	4.340	-0.882	0.968	-3.345	-4.847	-2.200	0.992	-4.229	-2.380	-6.692
1301	-6.713	-3.119	3.761	6.570	0.073	0.400	-6.674	-9.832	-2.952	-0.144	-6.641	-6.313	-13.387
1302	-17.328	-8.452	10.066	15.024	1.952	-1.364	-17.287	-25.780	-7.262	-2.304	-15.376	-18.692	-34.615
1303	-17.327	-8.452	4.038	15.062	-0.424	-2.359	-17.287	-25.780	-13.290	-2.265	-17.751	-19.687	-34.614
1304	-6.713	-3.119	1.451	6.296	-0.309	0.227	-6.674	-9.832	-5.262	-0.418	-7.023	-6.487	-13.387
1305	-3.347	-1.499	1.450	3.806	-0.047	1.310	-3.345	-4.846	-1.897	0.459	-3.394	-2.037	-6.692

BEAM NO.	AXIAL FORCE: UNIT=TON												
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
1306	-4.543	-2.226	1.157	5.871	0.325	2.300	-4.546	-6.769	-3.386	1.328	-4.218	-2.243	-9.089
1307	-7.119	-3.670	1.271	7.521	0.461	1.160	-7.117	-10.789	-5.849	0.402	-6.658	-5.959	-14.237
1308	-18.716	-9.960	8.873	14.626	3.284	-0.040	-18.719	-28.676	-9.843	-4.090	-15.432	-18.756	-37.435
1309	-18.140	-9.853	6.366	12.302	2.338	-3.217	-18.151	-27.993	-11.774	-5.839	-15.802	-21.357	-36.291
1310	-6.900	-3.792	0.326	7.339	0.155	-0.652	-6.903	-10.691	-6.574	0.439	-6.745	-7.552	-13.803
1311	-6.252	-3.454	-0.837	7.626	-0.227	-0.326	-6.259	-9.706	-7.088	1.374	-6.479	-6.578	-12.511
1312	-6.274	-3.458	-0.905	7.722	-0.250	-0.022	-6.281	-9.733	-7.179	1.448	-6.524	-6.296	-12.556
1313	-6.998	-3.825	0.126	7.305	0.081	0.243	-7.000	-10.823	-6.872	0.307	-6.917	-6.755	-13.998
1314	-18.563	-10.033	5.599	14.209	2.044	2.248	-18.569	-28.597	-12.965	-4.354	-16.520	-16.315	-37.133
1315	-18.505	-9.993	7.880	7.023	2.896	0.039	-18.510	-28.498	-10.625	-11.482	-15.609	-18.465	-37.014
1316	-7.053	-3.838	0.845	1.091	0.333	-0.262	-7.054	-10.890	-6.208	-5.961	-6.720	-7.315	-14.107
1317	-6.233	-3.418	-0.179	0.032	-0.127	-0.313	-6.239	-9.652	-6.412	-6.201	-6.360	-6.546	-12.473
1318	-6.230	-3.419	0.024	-0.169	-0.282	-0.146	-6.237	-9.650	-6.207	-6.399	-6.513	-6.376	-12.467
1319	-7.051	-3.848	1.090	0.867	-0.238	0.336	-7.053	-10.898	-5.961	-6.184	-7.288	-6.714	-14.103
1320	-18.542	-10.076	7.066	7.996	-0.003	2.996	-18.552	-28.618	-11.476	-10.546	-18.545	-15.546	-37.094
1321	-18.520	-10.052	13.944	5.768	1.963	2.239	-18.530	-28.572	-4.576	-12.753	-16.557	-16.281	-37.050
1322	-7.036	-3.837	7.507	0.083	0.379	0.114	-7.038	-10.873	0.471	-6.953	-6.657	-6.923	-14.075
1323	-6.215	-3.411	7.671	-1.008	0.097	-0.267	-6.221	-9.626	1.456	-7.223	-6.118	-6.482	-12.437
1324	-6.222	-3.416	7.656	-1.008	-0.118	-0.276	-6.229	-9.639	1.433	-7.230	-6.340	-6.499	-12.451
1325	-6.959	-3.804	7.542	0.087	-0.319	0.065	-6.961	-10.763	0.583	-6.871	-7.278	-6.894	-13.920
1326	-18.607	-10.131	13.472	5.722	-2.062	2.018	-18.619	-28.738	-5.135	-12.885	-20.669	-16.589	-37.227
1327	-18.607	-10.131	14.912	8.096	0.031	2.882	-18.619	-28.738	-3.696	-10.511	-18.577	-15.725	-37.227
1328	-6.959	-3.804	7.227	0.706	0.182	0.271	-6.961	-10.763	0.268	-6.253	-6.776	-6.688	-13.920
1329	-6.222	-3.416	7.466	-0.149	0.285	-0.110	-6.229	-9.639	1.243	-6.372	-5.938	-6.333	-12.451
1330	-6.215	-3.411	7.398	0.047	0.126	-0.255	-6.222	-9.626	1.183	-6.169	-6.090	-6.471	-12.437
1331	-7.036	-3.837	7.333	1.122	-0.347	-0.187	-7.038	-10.873	0.297	-5.915	-7.383	-7.223	-14.075
1332	-18.520	-10.051	15.523	7.178	-2.974	0.196	-18.529	-28.572	-2.997	-11.342	-21.494	-18.324	-37.050
1333	-18.542	-10.076	15.420	14.093	-2.118	2.124	-18.553	-28.619	-3.123	-4.449	-20.660	-16.418	-37.095
1334	-7.051	-3.848	7.144	7.551	-0.068	0.408	-7.053	-10.898	0.094	0.501	-7.119	-6.642	-14.104
1335	-6.230	-3.419	7.153	7.700	0.308	0.100	-6.236	-9.649	0.923	1.470	-5.922	-6.130	-12.466
1336	-6.233	-3.418	7.159	7.675	0.316	-0.129	-6.239	-9.652	0.925	1.442	-5.917	-6.362	-12.472
1337	-7.053	-3.838	7.135	7.410	-0.048	-0.421	-7.054	-10.890	0.083	0.357	-7.101	-7.474	-14.107
1338	-18.505	-9.993	15.211	13.420	-2.075	-2.022	-18.510	-28.498	-3.294	-5.085	-20.580	-20.527	-37.015
1339	-18.563	-10.033	15.321	14.827	-3.036	0.145	-18.569	-28.597	-3.242	-3.737	-21.599	-18.418	-37.133
1340	-6.998	-3.825	7.481	7.211	-0.228	0.115	-7.000	-10.824	0.483	0.213	-7.226	-6.883	-13.998
1341	-6.275	-3.459	7.608	7.444	0.198	0.163	-6.282	-9.733	1.334	1.170	-6.077	-6.111	-12.556
1342	-6.252	-3.455	7.725	7.324	0.397	-0.068	-6.260	-9.706	1.473	1.072	-5.855	-6.320	-12.511
1343	-6.900	-3.792	7.476	7.126	0.354	-0.571	-6.903	-10.691	0.576	0.226	-6.546	-7.471	-13.803
1344	-18.140	-9.853	15.211	14.580	0.622	-3.931	-18.150	-27.993	-2.929	-3.560	-17.518	-22.071	-36.290
1345	-20.041	-10.636	15.109	16.934	-1.749	-2.147	-20.043	-30.678	-4.933	-3.108	-21.790	-22.189	-40.084
1346	-6.436	-3.319	5.855	6.714	-0.797	0.371	-6.431	-9.755	-0.582	0.278	-7.233	-6.066	-12.868
1347	-5.393	-2.722	5.563	6.619	-0.788	1.087	-5.390	-8.114	0.170	1.226	-6.181	-4.306	-10.783
1348	-4.929	-2.438	4.078	6.032	-0.504	0.924	-4.918	-7.367	-0.851	1.103	-5.433	-4.005	-9.847
1349	-5.532	-2.804	6.263	6.219	1.151	0.724	-5.522	-8.336	0.732	0.687	-4.381	-4.808	-11.054
1350	-19.762	-9.892	12.625	17.228	1.873	-1.081	-19.684	-29.654	-7.137	-2.534	-17.889	-20.843	-39.446

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
1351	-19.761	-9.891	4.127	17.509	-0.544	-2.096	-19.684	-29.653	-15.634	-2.253	-20.305	-21.858	-39.445
1352	-5.532	-2.804	-1.914	5.442	-1.325	-0.304	-5.522	-8.335	-7.445	-0.089	-6.857	-5.836	-11.054
1353	-4.929	-2.438	0.551	6.011	-0.284	1.008	-4.919	-7.367	-4.377	1.082	-5.213	-3.921	-9.847
1354	-5.393	-2.722	-0.136	6.597	-0.203	1.325	-5.391	-8.115	-5.529	1.204	-5.596	-4.067	-10.783
1355	-6.436	-3.319	0.996	6.944	0.305	0.826	-6.431	-9.755	-5.440	0.507	-6.131	-5.610	-12.867
1356	-20.041	-10.636	7.535	16.477	2.756	-0.279	-20.042	-30.677	-12.506	-3.564	-17.285	-20.320	-40.083
1357	-19.839	-10.711	5.776	15.366	2.110	-2.638	-19.848	-30.550	-14.063	-4.473	-17.729	-22.477	-39.687
1358	-6.729	-3.678	-0.012	7.189	0.041	-0.673	-6.730	-10.407	-6.741	0.461	-6.687	-7.401	-13.458
1359	-6.059	-3.326	-1.078	7.594	-0.314	-0.326	-6.064	-9.385	-7.136	1.535	-6.373	-6.384	-12.122
1360	-6.082	-3.332	-1.158	7.723	-0.337	-0.033	-6.087	-9.414	-7.241	1.641	-6.420	-6.115	-12.169
1361	-6.810	-3.704	-0.264	7.450	-0.034	0.287	-6.809	-10.514	-7.074	0.640	-6.844	-6.523	-13.619
1362	-20.145	-10.876	4.915	14.668	1.812	1.713	-20.150	-31.021	-15.230	-5.477	-18.333	-18.432	-40.295
1363	-20.100	-10.842	6.582	8.448	2.432	0.110	-20.104	-30.942	-13.518	-11.653	-17.668	-19.991	-40.204
1364	-6.855	-3.711	0.778	1.040	0.276	-0.402	-6.853	-10.566	-6.077	-5.815	-6.579	-7.257	-13.708
1365	-6.074	-3.303	-0.159	-0.016	-0.175	-0.407	-6.077	-9.378	-6.233	-6.090	-6.249	-6.482	-12.152
1366	-6.069	-3.301	-0.023	-0.155	-0.358	-0.207	-6.071	-9.369	-6.092	-6.223	-6.427	-6.276	-12.140
1367	-6.840	-3.708	1.027	0.788	-0.349	0.270	-6.839	-10.548	-5.813	-6.052	-7.189	-6.570	-13.679
1368	-20.096	-10.886	8.416	6.673	0.107	2.510	-20.104	-30.982	-11.681	-13.423	-19.989	-17.587	-40.200
1369	-20.078	-10.866	14.420	5.016	1.559	1.960	-20.084	-30.944	-5.658	-15.062	-18.519	-18.118	-40.162
1370	-6.827	-3.698	7.580	-0.323	0.415	-0.012	-6.825	-10.524	0.753	-7.150	-6.412	-6.838	-13.652
1371	-6.047	-3.287	7.727	-1.294	0.117	-0.354	-6.050	-9.334	1.680	-7.341	-5.930	-6.402	-12.097
1372	-6.035	-3.282	7.615	-1.293	-0.121	-0.364	-6.037	-9.317	1.580	-7.328	-6.156	-6.398	-12.072
1373	-6.768	-3.673	7.333	-0.320	-0.378	-0.049	-6.767	-10.441	0.565	-7.087	-7.146	-6.817	-13.535
1374	-20.161	-10.939	16.285	5.007	-1.642	1.788	-20.170	-31.100	-3.875	-15.154	-21.803	-18.373	-40.331
1375	-20.160	-10.939	17.054	6.765	-0.099	2.422	-20.170	-31.099	-3.106	-13.395	-20.260	-17.738	-40.330
1376	-6.768	-3.674	7.392	0.672	0.306	0.231	-6.767	-10.441	0.624	-6.096	-6.462	-6.537	-13.535
1377	-6.035	-3.282	7.379	-0.173	0.350	-0.170	-6.038	-9.317	1.344	-6.207	-5.685	-6.205	-12.073
1378	-6.047	-3.287	7.228	-0.004	0.174	-0.331	-6.050	-9.334	1.181	-6.052	-5.874	-6.379	-12.097
1379	-6.827	-3.698	7.054	1.062	-0.284	-0.301	-6.825	-10.524	0.227	-5.765	-7.110	-7.127	-13.652
1380	-20.077	-10.866	17.373	8.531	-2.489	0.288	-20.084	-30.943	-2.704	-11.546	-22.566	-19.790	-40.161
1381	-20.097	-10.886	17.165	14.565	-1.850	1.706	-20.104	-30.983	-2.932	-5.531	-21.947	-18.391	-40.201
1382	-6.840	-3.708	6.893	7.626	0.057	0.441	-6.839	-10.548	0.053	0.786	-6.783	-6.399	-13.679
1383	-6.068	-3.301	6.883	7.756	0.405	0.111	-6.071	-9.369	0.815	1.687	-5.663	-5.957	-12.140
1384	-6.074	-3.303	6.903	7.612	0.417	-0.162	-6.077	-9.377	0.829	1.538	-5.657	-6.236	-12.151
1385	-6.855	-3.711	6.941	7.240	0.092	-0.479	-6.853	-10.566	0.086	0.385	-6.763	-7.334	-13.708
1386	-20.101	-10.842	17.078	16.245	-1.796	-1.645	-20.104	-30.943	-3.023	-3.856	-21.896	-21.745	-40.205
1387	-20.145	-10.876	17.336	16.987	-2.493	-0.069	-20.149	-31.021	-2.809	-3.158	-22.637	-20.213	-40.294
1388	-6.810	-3.704	7.230	7.376	-0.177	0.228	-6.809	-10.514	0.420	0.566	-6.987	-6.582	-13.619
1389	-6.083	-3.332	7.479	7.351	0.267	0.217	-6.087	-9.415	1.397	1.268	-5.815	-5.865	-12.169
1390	-6.059	-3.326	7.657	7.151	0.459	-0.007	-6.064	-9.385	1.598	1.092	-5.600	-6.066	-12.122
1391	-6.729	-3.678	7.637	6.875	0.451	-0.506	-6.730	-10.407	0.909	0.147	-6.278	-7.234	-13.458
1392	-19.839	-10.711	17.187	16.609	0.378	-3.360	-19.847	-30.549	-2.652	-3.230	-19.461	-23.199	-39.686
1393	-18.380	-9.745	15.293	15.729	-1.090	-1.704	-18.379	-28.125	-3.087	-2.651	-19.470	-20.084	-36.759
1394	-5.299	-2.753	5.061	5.298	-0.494	0.198	-5.290	-8.052	-0.238	-0.001	-5.793	-5.101	-10.589
1395	-4.722	-2.431	5.273	5.465	-0.439	0.770	-4.713	-7.153	0.552	0.743	-5.161	-3.952	-9.434

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
1396	-4.445	-2.308	4.492	5.132	-0.281	0.678	-4.433	-6.753	0.047	0.687	-4.726	-3.767	-8.878
1397	-4.800	-2.516	5.238	4.946	0.570	0.368	-4.789	-7.316	0.438	0.146	-4.230	-4.433	-9.589
1398	-18.307	-9.327	11.338	16.192	1.271	-0.902	-18.260	-27.633	-6.968	-2.115	-17.036	-19.209	-36.566
1399	-18.306	-9.327	5.529	16.582	-0.231	-1.532	-18.260	-27.633	-12.777	-1.724	-18.537	-19.839	-36.566
1400	-4.800	-2.516	-0.283	4.713	-0.662	-0.145	-4.789	-7.316	-5.083	-0.088	-5.462	-4.945	-9.589
1401	-4.445	-2.308	0.301	5.414	-0.279	0.673	-4.433	-6.753	-4.143	0.969	-4.724	-3.772	-8.878
1402	-4.722	-2.432	-0.226	5.754	-0.233	0.851	-4.713	-7.153	-4.947	1.032	-4.955	-3.871	-9.435
1403	-5.299	-2.753	0.682	5.836	0.212	0.490	-5.290	-8.052	-4.617	0.537	-5.087	-4.809	-10.589
1404	-18.380	-9.745	5.472	15.562	1.982	-0.426	-18.379	-28.124	-12.908	-2.818	-16.398	-18.806	-36.759
1405	-18.397	-9.884	4.551	15.605	1.633	-1.956	-18.401	-28.281	-13.846	-2.791	-16.764	-20.353	-36.798
1406	-5.593	-3.046	-0.137	5.838	0.028	-0.593	-5.589	-8.639	-5.730	0.246	-5.565	-6.186	-11.181
1407	-4.829	-2.651	-0.903	6.089	-0.263	-0.283	-4.827	-7.480	-5.732	1.260	-5.093	-5.113	-9.656
1408	-4.849	-2.659	-0.983	6.108	-0.283	-0.028	-4.846	-7.508	-5.832	1.260	-5.131	-4.877	-9.694
1409	-5.645	-3.069	-0.383	6.077	-0.032	0.272	-5.640	-8.714	-6.028	0.432	-5.677	-5.373	-11.284
1410	-18.640	-10.065	3.809	12.648	1.399	1.118	-18.643	-28.705	-14.832	-5.992	-17.241	-17.523	-37.283
1411	-18.608	-10.034	4.761	8.505	1.776	0.144	-18.610	-28.642	-13.847	-10.103	-16.831	-18.464	-37.218
1412	-5.677	-3.074	0.671	1.191	0.239	-0.375	-5.672	-8.751	-5.006	-4.486	-5.438	-6.052	-11.349
1413	-4.861	-2.642	-0.003	0.238	-0.143	-0.363	-4.857	-7.503	-4.864	-4.623	-5.005	-5.224	-9.718
1414	-4.853	-2.637	0.224	-0.001	-0.312	-0.178	-4.849	-7.490	-4.629	-4.854	-5.164	-5.031	-9.702
1415	-5.650	-3.058	1.158	0.667	-0.314	0.231	-5.644	-8.708	-4.492	-4.983	-5.964	-5.418	-11.294
1416	-18.583	-10.047	8.435	4.819	0.170	1.817	-18.587	-28.630	-10.147	-13.763	-18.412	-16.766	-37.170
1417	-18.563	-10.030	12.438	3.839	1.070	1.496	-18.567	-28.593	-6.126	-14.724	-17.493	-17.068	-37.131
1418	-5.639	-3.049	6.121	-0.449	0.369	-0.024	-5.634	-8.689	0.482	-6.088	-5.270	-5.664	-11.273
1419	-4.826	-2.619	6.129	-1.126	0.110	-0.301	-4.822	-7.446	1.302	-5.953	-4.716	-5.127	-9.648
1420	-4.812	-2.613	6.119	-1.125	-0.106	-0.307	-4.808	-7.426	1.306	-5.937	-4.919	-5.119	-9.620
1421	-5.608	-3.038	5.949	-0.444	-0.354	-0.044	-5.603	-8.646	0.340	-6.052	-5.963	-5.652	-11.211
1422	-18.624	-10.083	16.362	3.844	-1.123	1.373	-18.630	-28.708	-2.263	-14.780	-19.748	-17.251	-37.255
1423	-18.624	-10.083	16.270	4.883	-0.164	1.764	-18.630	-28.708	-2.354	-13.742	-18.788	-16.860	-37.255
1424	-5.608	-3.038	6.326	0.606	0.287	0.217	-5.603	-8.646	0.717	-5.002	-5.321	-5.391	-11.211
1425	-4.812	-2.614	5.887	-0.034	0.295	-0.145	-4.808	-7.426	1.074	-4.846	-4.518	-4.957	-9.620
1426	-4.826	-2.619	5.682	0.231	0.135	-0.292	-4.822	-7.445	0.856	-4.595	-4.691	-5.118	-9.648
1427	-5.639	-3.049	5.621	1.191	-0.243	-0.277	-5.633	-8.688	-0.018	-4.448	-5.882	-5.916	-11.272
1428	-18.563	-10.030	16.521	8.530	-1.810	0.311	-18.567	-28.593	-2.042	-10.034	-20.374	-18.252	-37.131
1429	-18.583	-10.048	16.141	12.560	-1.398	1.178	-18.587	-28.630	-2.442	-6.023	-19.981	-17.405	-37.170
1430	-5.650	-3.058	5.550	6.159	0.061	0.391	-5.644	-8.708	-0.100	0.509	-5.589	-5.259	-11.295
1431	-4.853	-2.637	5.311	6.149	0.347	0.097	-4.848	-7.490	0.458	1.296	-4.506	-4.756	-9.701
1432	-4.861	-2.642	5.339	6.110	0.359	-0.155	-4.857	-7.503	0.478	1.248	-4.502	-5.017	-9.718
1433	-5.677	-3.074	5.638	5.908	0.099	-0.435	-5.671	-8.751	-0.039	0.231	-5.579	-6.112	-11.349
1434	-18.608	-10.034	16.137	16.334	-1.350	-1.156	-18.610	-28.642	-2.471	-2.274	-19.958	-19.764	-37.218
1435	-18.640	-10.065	16.623	16.226	-1.775	-0.195	-18.643	-28.705	-2.017	-2.414	-20.415	-18.835	-37.283
1436	-5.645	-3.069	5.782	6.318	-0.169	0.218	-5.640	-8.714	0.137	0.673	-5.814	-5.427	-11.285
1437	-4.849	-2.660	5.913	5.863	0.221	0.181	-4.846	-7.508	1.064	1.014	-4.628	-4.668	-9.694
1438	-4.829	-2.651	6.112	5.616	0.389	-0.014	-4.827	-7.480	1.283	0.787	-4.440	-4.844	-9.656
1439	-5.592	-3.046	6.495	5.486	0.405	-0.441	-5.589	-8.639	0.903	-0.106	-5.187	-6.033	-11.181
1440	-18.397	-9.884	16.236	15.897	0.243	-2.541	-18.401	-28.281	-2.161	-2.500	-18.154	-20.938	-36.798

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
1441	-14.612	-7.754	12.848	12.628	-0.593	-1.267	-14.613	-22.366	-1.764	-1.984	-15.205	-15.879	-29.224
1442	-4.218	-2.220	4.252	4.086	-0.329	0.095	-4.206	-6.438	0.035	-0.132	-4.547	-4.123	-8.423
1443	-3.002	-1.593	3.308	3.178	-0.331	0.459	-2.982	-4.596	0.306	0.176	-3.333	-2.543	-5.985
1444	-2.820	-1.529	2.808	2.952	-0.168	0.406	-2.799	-4.349	-0.012	0.131	-2.988	-2.415	-5.620
1445	-3.894	-2.080	3.581	3.793	0.339	0.180	-3.881	-5.974	-0.313	-0.101	-3.555	-3.714	-7.775
1446	-14.578	-7.522	8.607	12.956	0.863	-0.755	-14.553	-22.099	-5.970	-1.622	-13.714	-15.333	-29.130
1447	-14.578	-7.522	5.215	13.184	-0.029	-1.133	-14.553	-22.099	-9.362	-1.394	-14.606	-15.710	-29.131
1448	-3.894	-2.080	0.684	3.838	-0.364	-0.117	-3.881	-5.974	-3.210	-0.056	-4.258	-4.011	-7.775
1449	-2.820	-1.529	0.456	3.273	-0.182	0.391	-2.800	-4.349	-2.364	0.453	-3.003	-2.429	-5.620
1450	-3.002	-1.593	0.118	3.536	-0.107	0.545	-2.982	-4.596	-2.884	0.534	-3.109	-2.457	-5.985
1451	-4.218	-2.220	0.451	4.537	0.164	0.299	-4.206	-6.438	-3.767	0.319	-4.054	-3.919	-8.424
1452	-14.612	-7.754	3.522	13.047	1.336	-0.457	-14.612	-22.366	-11.089	-1.565	-13.276	-15.068	-29.224
1453	-14.653	-7.848	2.969	12.926	1.131	-1.377	-14.657	-22.501	-11.684	-1.727	-13.521	-16.030	-29.310
1454	-4.359	-2.362	0.029	4.566	0.051	-0.462	-4.349	-6.720	-4.330	0.207	-4.307	-4.821	-8.708
1455	-2.890	-1.603	-0.286	3.502	-0.124	-0.220	-2.872	-4.493	-3.176	0.612	-3.014	-3.109	-5.762
1456	-2.906	-1.616	-0.343	3.340	-0.137	-0.005	-2.889	-4.522	-3.249	0.434	-3.043	-2.911	-5.795
1457	-4.412	-2.405	-0.143	3.969	0.011	0.205	-4.402	-6.817	-4.555	-0.443	-4.401	-4.207	-8.814
1458	-14.836	-8.016	2.449	9.379	0.984	0.723	-14.841	-22.852	-12.387	-5.457	-13.852	-14.113	-29.677
1459	-14.827	-8.004	3.110	7.010	1.219	0.101	-14.832	-22.831	-11.717	-7.817	-13.608	-14.726	-29.659
1460	-4.430	-2.405	0.499	1.577	0.189	-0.245	-4.421	-6.835	-3.932	-2.854	-4.241	-4.675	-8.851
1461	-2.926	-1.610	0.306	0.579	-0.055	-0.224	-2.908	-4.537	-2.620	-2.347	-2.982	-3.150	-5.835
1462	-2.919	-1.605	0.562	0.310	-0.189	-0.080	-2.901	-4.524	-2.357	-2.609	-3.108	-2.999	-5.820
1463	-4.407	-2.390	1.539	0.489	-0.201	0.178	-4.397	-6.797	-2.868	-3.918	-4.609	-4.229	-8.805
1464	-14.782	-7.986	6.916	3.114	0.148	1.232	-14.788	-22.768	-7.866	-11.669	-14.634	-13.550	-29.570
1465	-14.771	-7.976	9.218	2.429	0.726	1.025	-14.776	-22.747	-5.553	-12.342	-14.045	-13.746	-29.547
1466	-4.396	-2.381	3.965	-0.205	0.263	0.012	-4.386	-6.778	-0.431	-4.602	-4.133	-4.384	-8.782
1467	-2.896	-1.590	3.363	-0.452	0.086	-0.153	-2.878	-4.486	0.467	-3.349	-2.810	-3.049	-5.774
1468	-2.887	-1.586	3.551	-0.451	-0.089	-0.157	-2.869	-4.474	0.664	-3.338	-2.976	-3.044	-5.756
1469	-4.383	-2.377	4.699	-0.202	-0.258	0.001	-4.374	-6.761	0.316	-4.585	-4.641	-4.382	-8.757
1470	-14.805	-8.005	13.497	2.438	-0.738	0.963	-14.811	-22.810	-1.308	-12.367	-15.544	-13.842	-29.617
1471	-14.805	-8.005	13.626	3.153	-0.125	1.208	-14.812	-22.810	-1.179	-11.653	-14.931	-13.597	-29.617
1472	-4.384	-2.377	4.816	0.460	0.187	0.177	-4.374	-6.761	0.432	-3.924	-4.197	-4.207	-8.757
1473	-2.887	-1.586	3.365	0.278	0.162	-0.062	-2.869	-4.474	0.478	-2.609	-2.725	-2.949	-5.756
1474	-2.896	-1.590	3.196	0.560	0.033	-0.180	-2.878	-4.486	0.300	-2.336	-2.863	-3.076	-5.774
1475	-4.396	-2.382	4.327	1.560	-0.196	-0.177	-4.386	-6.778	-0.070	-2.836	-4.592	-4.573	-8.782
1476	-14.771	-7.976	13.200	6.985	-1.219	0.235	-14.776	-22.747	-1.570	-7.786	-15.990	-14.536	-29.547
1477	-14.782	-7.986	13.021	9.301	-0.953	0.795	-14.788	-22.768	-1.761	-5.481	-15.735	-13.987	-29.570
1478	-4.407	-2.390	4.215	3.990	0.018	0.275	-4.397	-6.797	-0.193	-0.417	-4.389	-4.133	-8.805
1479	-2.919	-1.605	2.893	3.371	0.178	0.072	-2.901	-4.524	-0.026	0.451	-2.741	-2.847	-5.820
1480	-2.926	-1.610	2.913	3.541	0.186	-0.127	-2.908	-4.536	-0.013	0.615	-2.741	-3.054	-5.835
1481	-4.431	-2.405	4.279	4.687	0.041	-0.311	-4.421	-6.836	-0.152	0.257	-4.390	-4.741	-8.851
1482	-14.827	-8.004	13.099	13.500	-0.911	-0.789	-14.831	-22.831	-1.728	-1.327	-15.738	-15.616	-29.658
1483	-14.836	-8.016	13.319	13.613	-1.188	-0.173	-14.841	-22.852	-1.518	-1.223	-16.024	-15.009	-29.678
1484	-4.412	-2.406	4.447	4.819	-0.154	0.141	-4.402	-6.817	0.036	0.407	-4.566	-4.271	-8.814
1485	-2.906	-1.616	3.339	3.348	0.087	0.091	-2.889	-4.522	0.433	0.442	-2.819	-2.815	-5.795

BEAM NO.	AXIAL FORCE:UNIT=TON												
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
1486	-2.889	-1.603	3.486	3.137	0.232	-0.072	-2.872	-4.492	0.596	0.248	-2.658	-2.961	-5.762
1487	-4.359	-2.362	4.867	4.194	0.296	-0.366	-4.349	-6.720	0.509	-0.165	-4.063	-4.724	-8.708
1488	-14.653	-7.848	13.506	12.716	0.209	-1.775	-14.657	-22.501	-1.146	-1.937	-14.444	-16.428	-29.310
1489	-10.163	-5.409	9.770	9.085	-0.274	-0.800	-10.170	-15.572	-0.394	-1.078	-10.437	-10.963	-20.334
1490	-3.027	-1.621	2.565	2.790	-0.321	-0.043	-3.017	-4.649	-0.462	-0.238	-3.348	-3.070	-6.045
1491	-0.789	-0.483	0.357	0.492	-0.327	0.172	-0.754	-1.272	-0.432	-0.297	-1.116	-0.617	-1.544
1492	-0.650	-0.439	0.023	0.307	-0.113	0.124	-0.616	-1.089	-0.627	-0.342	-0.763	-0.526	-1.266
1493	-2.795	-1.528	1.621	2.535	0.313	-0.029	-2.786	-4.324	-1.175	-0.260	-2.482	-2.824	-5.582
1494	-10.143	-5.276	5.414	9.236	0.632	-0.570	-10.137	-15.419	-4.729	-0.908	-9.512	-10.714	-20.280
1495	-10.143	-5.276	3.886	9.092	0.046	-0.826	-10.137	-15.419	-6.257	-1.051	-10.097	-10.969	-20.280
1496	-2.796	-1.528	0.909	2.492	-0.203	-0.254	-2.786	-4.324	-1.887	-0.304	-2.999	-3.049	-5.582
1497	-0.649	-0.439	0.723	0.415	-0.046	0.137	-0.616	-1.089	0.073	-0.234	-0.696	-0.513	-1.265
1498	-0.789	-0.483	0.751	0.554	0.068	0.324	-0.754	-1.272	-0.038	-0.235	-0.720	-0.465	-1.543
1499	-3.028	-1.621	0.983	2.804	0.246	0.191	-3.017	-4.649	-2.045	-0.223	-2.781	-2.837	-6.045
1500	-10.163	-5.409	1.359	10.348	0.810	-0.325	-10.171	-15.572	-8.805	0.185	-9.354	-10.488	-20.334
1501	-10.162	-5.434	1.005	9.689	0.658	-0.869	-10.170	-15.596	-9.157	-0.472	-9.503	-11.031	-20.332
1502	-3.053	-1.649	0.848	2.602	0.145	-0.400	-3.043	-4.702	-2.206	-0.451	-2.909	-3.453	-6.097
1503	-0.614	-0.389	0.705	0.279	0.067	-0.161	-0.578	-1.002	0.091	-0.335	-0.547	-0.775	-1.192
1504	-0.625	-0.401	0.683	0.081	0.059	0.045	-0.590	-1.026	0.058	-0.544	-0.567	-0.581	-1.215
1505	-3.093	-1.689	0.767	1.688	0.117	0.238	-3.084	-4.783	-2.326	-1.405	-2.976	-2.856	-6.177
1506	-10.286	-5.568	0.756	5.724	0.596	0.451	-10.298	-15.855	-9.530	-4.562	-9.691	-9.835	-20.584
1507	-10.294	-5.575	1.189	4.856	0.748	0.024	-10.305	-15.869	-9.104	-5.438	-9.546	-10.270	-20.599
1508	-3.108	-1.693	1.008	1.460	0.239	-0.093	-3.098	-4.801	-2.099	-1.647	-2.868	-3.201	-6.206
1509	-0.647	-0.407	0.820	0.811	0.078	-0.037	-0.612	-1.055	0.172	0.163	-0.569	-0.684	-1.259
1510	-0.647	-0.408	0.795	0.832	-0.036	0.075	-0.611	-1.055	0.149	0.185	-0.683	-0.572	-1.258
1511	-3.100	-1.691	1.432	1.012	-0.093	0.238	-3.091	-4.791	-1.668	-2.088	-3.192	-2.862	-6.191
1512	-10.236	-5.531	4.762	1.118	0.091	0.735	-10.247	-15.767	-5.473	-9.118	-10.144	-9.500	-20.482
1513	-10.236	-5.530	5.616	0.688	0.482	0.581	-10.246	-15.766	-4.620	-9.548	-9.754	-9.654	-20.482
1514	-3.095	-1.686	1.680	0.752	0.230	0.120	-3.085	-4.781	-1.415	-2.342	-2.865	-2.975	-6.180
1515	-0.637	-0.401	0.112	0.653	0.068	0.051	-0.601	-1.038	-0.524	0.016	-0.569	-0.585	-1.237
1516	-0.634	-0.401	0.348	0.654	-0.088	0.045	-0.598	-1.034	-0.285	0.020	-0.722	-0.589	-1.232
1517	-3.094	-1.688	2.752	0.755	-0.229	0.105	-3.085	-4.782	-0.342	-2.339	-3.323	-2.989	-6.179
1518	-10.238	-5.530	10.012	0.696	-0.441	0.594	-10.249	-15.768	-0.226	-9.543	-10.679	-9.644	-20.487
1519	-10.238	-5.530	10.646	1.140	-0.031	0.750	-10.249	-15.769	0.408	-9.099	-10.269	-9.489	-20.487
1520	-3.094	-1.688	2.915	0.996	0.086	0.222	-3.085	-4.782	-0.179	-2.099	-3.008	-2.872	-6.179
1521	-0.633	-0.401	0.299	0.804	-0.005	0.062	-0.598	-1.034	-0.334	0.171	-0.638	-0.571	-1.231
1522	-0.636	-0.401	0.278	0.791	-0.123	-0.040	-0.601	-1.037	-0.358	0.155	-0.759	-0.676	-1.237
1523	-3.095	-1.687	2.796	1.442	-0.257	-0.083	-3.085	-4.781	-0.298	-1.652	-3.351	-3.177	-6.180
1524	-10.236	-5.530	9.186	4.806	-0.701	0.122	-10.246	-15.766	-1.050	-5.429	-10.937	-10.113	-20.482
1525	-10.236	-5.531	9.359	5.655	-0.528	0.515	-10.246	-15.766	-0.876	-4.581	-10.763	-9.721	-20.482
1526	-3.100	-1.691	2.813	1.689	-0.107	0.236	-3.091	-4.791	-0.287	-1.412	-3.207	-2.864	-6.191
1527	-0.647	-0.408	0.181	0.105	-0.060	0.060	-0.612	-1.055	-0.466	-0.542	-0.708	-0.587	-1.259
1528	-0.648	-0.407	0.174	0.328	-0.062	-0.103	-0.612	-1.055	-0.473	-0.320	-0.710	-0.751	-1.260
1529	-3.108	-1.693	2.810	2.737	-0.107	-0.246	-3.098	-4.800	-0.297	-0.370	-3.215	-3.353	-6.206
1530	-10.294	-5.575	9.501	10.064	-0.489	-0.501	-10.305	-15.868	-0.792	-0.230	-10.783	-10.795	-20.599

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
1531	-10.286	-5.568	9.273	10.682	-0.689	-0.074	-10.298	-15.855	-1.013	0.396	-10.976	-10.361	-20.584
1532	-3.093	-1.690	2.793	2.911	-0.260	0.090	-3.084	-4.783	-0.300	-0.182	-3.353	-3.004	-6.177
1533	-0.625	-0.401	0.287	0.279	-0.112	-0.017	-0.590	-1.025	-0.338	-0.346	-0.736	-0.642	-1.214
1534	-0.613	-0.389	0.299	0.221	0.031	-0.171	-0.578	-1.002	-0.314	-0.392	-0.582	-0.785	-1.191
1535	-3.054	-1.649	2.888	2.661	0.180	-0.388	-3.044	-4.702	-0.166	-0.392	-2.874	-3.442	-6.097
1536	-10.162	-5.434	10.539	8.835	0.228	-1.077	-10.171	-15.596	0.377	-1.327	-9.934	-11.239	-20.333
1537	-7.414	-3.998	10.939	7.162	0.516	0.038	-7.383	-11.412	3.525	-0.252	-6.898	-7.376	-14.797
1538	0.913	0.510	-4.138	-1.394	-0.626	-0.655	0.883	1.423	-3.226	-0.482	0.287	0.258	1.796
1539	-0.770	-0.430	3.342	1.028	0.528	0.479	-0.744	-1.200	2.572	0.259	-0.242	-0.290	-1.514
1540	-0.543	-0.285	-3.699	0.305	-0.921	-0.620	-0.570	-0.828	-4.242	-0.238	-1.464	-1.164	-1.113
1541	0.498	0.261	3.236	-0.431	0.844	0.493	0.522	0.759	3.734	0.067	1.341	0.991	1.019
1542	-0.235	-0.247	-4.740	0.483	-1.189	-0.595	-0.259	-0.481	-4.975	0.249	-1.423	-0.830	-0.493
1543	-0.069	-0.205	4.762	0.561	1.190	-0.254	-0.093	-0.274	4.693	0.492	1.121	-0.323	-0.162
1544	0.438	0.247	-5.793	-0.656	-1.188	0.101	0.460	0.685	-5.355	-0.218	-0.750	0.539	0.898
1545	-0.478	-0.270	6.160	0.550	1.297	-0.193	-0.502	-0.748	5.682	0.072	0.819	-0.671	-0.980
1546	-0.683	-0.402	-5.422	0.596	-0.871	0.022	-0.662	-1.084	-6.105	-0.087	-1.554	-0.661	-1.345
1547	0.810	0.476	6.257	-0.882	1.033	-0.113	0.785	1.286	7.067	-0.072	1.843	0.698	1.595
1548	-7.350	-3.895	-4.743	6.646	-0.489	-0.572	-7.317	-11.244	-12.093	-0.704	-7.838	-7.922	-14.666
1549	-7.350	-3.895	7.467	5.936	0.865	-0.085	-7.317	-11.245	0.118	-1.414	-6.485	-7.434	-14.666
1550	0.810	0.476	-4.659	-0.960	-0.609	-0.744	0.785	1.287	-3.849	-0.150	0.201	0.066	1.595
1551	-0.684	-0.402	3.963	0.663	0.565	0.576	-0.663	-1.086	3.279	-0.021	-0.119	-0.108	-1.346
1552	-0.477	-0.269	-3.959	0.230	-0.756	-1.015	-0.502	-0.747	-4.436	-0.247	-1.233	-1.493	-0.979
1553	0.438	0.247	3.662	-0.363	0.745	0.877	0.460	0.685	4.100	0.075	1.183	1.315	0.898
1554	-0.069	-0.205	-3.252	-0.098	-0.670	-1.016	-0.093	-0.274	-3.320	-0.167	-0.738	-1.085	-0.161
1555	-0.234	-0.247	3.436	1.309	1.272	0.416	-0.259	-0.481	3.201	1.075	1.037	0.181	-0.493
1556	0.498	0.261	-2.281	-1.718	-0.988	-0.271	0.522	0.759	-1.783	-1.220	-0.491	0.227	1.020
1557	-0.543	-0.284	2.530	1.709	1.137	0.238	-0.569	-0.827	1.988	1.166	0.595	-0.305	-1.112
1558	-0.770	-0.430	-0.884	-1.078	-0.773	-0.072	-0.745	-1.201	-1.654	-1.849	-1.543	-0.842	-1.515
1559	0.913	0.510	1.091	1.105	0.978	0.024	0.883	1.423	2.003	2.018	1.891	0.937	1.796
1560	-7.414	-3.998	-0.532	6.429	-0.375	-0.294	-7.384	-11.412	-7.946	-0.985	-7.789	-7.708	-14.798
1561	-7.274	-3.825	3.356	11.056	0.311	0.607	-7.235	-11.099	-3.918	3.782	-6.963	-6.667	-14.509
1562	0.805	0.360	-2.634	-4.283	0.212	-1.019	0.767	1.164	-1.830	-3.479	1.016	-0.214	1.572
1563	-0.678	-0.303	2.256	3.464	-0.105	0.859	-0.647	-0.981	1.578	2.786	-0.784	0.181	-1.325
1564	-0.649	-0.417	-0.991	-3.850	0.284	-1.266	-0.680	-1.066	-1.639	-4.498	-0.365	-1.915	-1.329
1565	0.594	0.382	0.944	3.374	-0.185	1.160	0.623	0.977	1.538	3.969	0.409	1.754	1.218
1566	-0.167	-0.251	0.278	-5.017	0.445	-1.310	-0.193	-0.417	0.111	-5.184	0.278	-1.476	-0.359
1567	-0.137	-0.201	0.113	5.039	0.406	1.311	-0.159	-0.338	-0.024	4.902	0.270	1.174	-0.296
1568	0.564	0.332	1.104	-6.140	-0.154	-1.146	0.589	0.896	1.668	-5.576	0.411	-0.582	1.154
1569	-0.616	-0.362	-1.165	6.539	0.250	1.251	-0.644	-0.978	-1.781	5.923	-0.366	0.635	-1.260
1570	-0.714	-0.362	2.402	-5.861	-0.095	-0.865	-0.686	-1.076	1.689	-6.575	-0.809	-1.579	-1.400
1571	0.847	0.429	-2.808	6.778	0.199	1.026	0.814	1.276	-1.961	7.625	1.046	1.873	1.661
1572	-7.381	-3.978	3.544	-5.330	0.328	-0.701	-7.351	-11.359	-3.837	-12.712	-7.054	-8.082	-14.733
1573	-7.398	-3.988	-0.395	7.758	-0.345	0.828	-7.368	-11.386	-7.793	0.360	-7.743	-6.570	-14.766
1574	0.856	0.428	0.904	-4.595	0.909	-0.675	0.823	1.283	1.760	-3.739	1.765	0.181	1.679
1575	-0.722	-0.361	-0.727	3.909	-0.715	0.621	-0.694	-1.083	-1.449	3.187	-1.437	-0.101	-1.417

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
1576	-0.617	-0.371	2.345	-3.667	1.041	-0.689	-0.646	-0.988	1.727	-4.285	0.424	-1.306	-1.263
1577	0.566	0.340	-2.111	3.395	-0.901	0.684	0.592	0.906	-1.545	3.961	-0.335	1.250	1.158
1578	-0.156	-0.222	3.214	-3.036	1.162	-0.575	-0.180	-0.378	3.058	-3.192	1.006	-0.731	-0.336
1579	-0.147	-0.229	-3.030	3.220	-0.560	1.178	-0.172	-0.376	-3.177	3.073	-0.707	1.031	-0.319
1580	0.550	0.340	3.383	-2.096	0.638	-0.898	0.577	0.890	3.933	-1.545	1.188	-0.348	1.128
1581	-0.601	-0.371	-3.654	2.328	-0.638	1.039	-0.630	-0.972	-4.255	1.727	-1.239	0.438	-1.231
1582	-0.753	-0.379	3.896	-0.678	0.528	-0.701	-0.725	-1.131	3.143	-1.431	-0.225	-1.453	-1.477
1583	0.894	0.450	-4.579	0.846	-0.565	0.893	0.861	1.343	-3.686	1.740	0.329	1.786	1.754
1584	-7.388	-3.966	7.690	-0.451	0.778	-0.343	-7.357	-11.354	0.302	-7.840	-6.610	-7.731	-14.745
1585	-7.423	-4.003	-5.207	3.524	-0.662	0.227	-7.393	-11.426	-12.629	-3.899	-8.085	-7.196	-14.815
1586	0.907	0.471	6.621	-2.845	1.007	0.238	0.875	1.378	7.529	-1.937	1.915	1.145	1.782
1587	-0.765	-0.397	-5.729	2.433	-0.849	-0.127	-0.738	-1.161	-6.494	1.669	-1.614	-0.892	-1.503
1588	-0.589	-0.350	6.401	-1.141	1.157	0.299	-0.617	-0.939	5.812	-1.730	0.568	-0.290	-1.205
1589	0.539	0.321	-6.014	1.081	-1.059	-0.199	0.565	0.860	-5.475	1.620	-0.520	0.340	1.104
1590	-0.141	-0.214	4.944	0.191	1.183	0.453	-0.164	-0.355	4.803	0.051	1.042	0.312	-0.305
1591	-0.163	-0.237	-4.922	0.199	-1.182	0.398	-0.187	-0.400	-5.085	0.037	-1.344	0.236	-0.350
1592	0.560	0.342	3.341	1.074	1.046	-0.157	0.586	0.901	3.901	1.633	1.606	0.403	1.146
1593	-0.611	-0.373	-3.813	-1.133	-1.142	0.253	-0.640	-0.984	-4.424	-1.744	-1.753	-0.358	-1.251
1594	-0.753	-0.384	3.538	2.426	0.833	-0.115	-0.725	-1.137	2.785	1.673	0.080	-0.868	-1.478
1595	0.893	0.455	-4.371	-2.835	-0.988	0.223	0.860	1.348	-3.478	-1.942	-0.095	1.116	1.754
1596	-7.384	-3.962	11.190	3.521	0.763	0.324	-7.352	-11.346	3.806	-3.863	-6.621	-7.060	-14.736
1597	-7.384	-3.962	6.147	-0.463	-0.666	-0.351	-7.353	-11.346	-1.237	-7.846	-8.050	-7.735	-14.737
1598	0.893	0.455	1.424	0.872	0.583	0.930	0.861	1.348	2.317	1.765	1.476	1.823	1.754
1599	-0.753	-0.384	-1.348	-0.699	-0.543	-0.732	-0.726	-1.137	-2.101	-1.452	-1.296	-1.485	-1.479
1600	-0.611	-0.373	2.068	2.341	0.656	1.031	-0.640	-0.984	1.457	1.730	0.045	0.420	-1.252
1601	0.559	0.341	-2.045	-2.108	-0.654	-0.891	0.586	0.900	-1.486	-1.548	-0.095	-0.332	1.145
1602	-0.162	-0.237	1.429	3.214	0.552	1.128	-0.187	-0.399	1.267	3.052	0.390	0.966	-0.349
1603	-0.140	-0.214	-0.219	-3.029	-1.152	-0.526	-0.164	-0.354	-0.359	-3.170	-1.292	-0.666	-0.304
1604	0.539	0.321	-0.337	3.378	0.854	0.590	0.565	0.860	0.202	3.917	1.393	1.129	1.104
1605	-0.588	-0.350	0.202	-3.648	-0.990	-0.586	-0.616	-0.938	-0.386	-4.236	-1.578	-1.174	-1.204
1606	-0.765	-0.397	0.936	3.885	0.638	0.476	-0.739	-1.163	0.170	3.119	-0.127	-0.289	-1.504
1607	0.907	0.471	-1.284	-4.566	-0.818	-0.504	0.875	1.378	-0.377	-3.659	0.089	0.403	1.782
1608	-7.422	-4.003	6.456	7.697	0.339	0.685	-7.393	-11.426	-0.966	0.275	-7.083	-6.737	-14.815
1609	-7.388	-3.966	6.942	-5.311	-0.242	-0.694	-7.356	-11.353	-0.446	-12.699	-7.630	-8.082	-14.744
1610	0.893	0.449	-1.036	6.702	-0.192	1.043	0.860	1.342	-0.143	7.595	0.701	1.936	1.753
1611	-0.753	-0.379	0.727	-5.797	0.089	-0.880	-0.725	-1.131	-0.026	-6.550	-0.664	-1.632	-1.478
1612	-0.601	-0.371	0.635	6.466	-0.256	1.190	-0.630	-0.972	0.034	5.865	-0.857	0.590	-1.231
1613	0.550	0.340	-0.733	-6.074	0.160	-1.090	0.577	0.890	-0.183	-5.524	0.710	-0.540	1.127
1614	-0.147	-0.229	0.517	4.984	-0.436	1.215	-0.172	-0.377	0.370	4.837	-0.583	1.068	-0.319
1615	-0.156	-0.223	0.528	-4.962	-0.413	-1.214	-0.180	-0.379	0.372	-5.118	-0.570	-1.370	-0.336
1616	0.566	0.340	-0.777	3.346	0.128	1.085	0.592	0.906	-0.212	3.912	0.694	1.651	1.158
1617	-0.618	-0.371	0.683	-3.819	-0.222	-1.185	-0.646	-0.989	0.066	-4.436	-0.840	-1.803	-1.264
1618	-0.722	-0.360	0.597	3.506	0.033	0.894	-0.694	-1.082	-0.124	2.785	-0.688	0.172	-1.415
1619	0.856	0.427	-0.883	-4.334	-0.126	-1.061	0.823	1.283	-0.027	-3.478	0.730	-0.205	1.679
1620	-7.398	-3.988	6.919	11.224	-0.277	0.789	-7.368	-11.386	-0.479	3.826	-7.675	-6.609	-14.766

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
1621	-7.381	-3.978	6.350	6.159	0.295	-0.666	-7.352	-11.360	-1.032	-1.223	-7.086	-8.047	-14.733
1622	0.846	0.429	-1.199	1.480	-0.804	0.574	0.814	1.276	-0.353	2.327	0.042	1.421	1.661
1623	-0.714	-0.362	0.864	-1.395	0.626	-0.536	-0.687	-1.077	0.150	-2.109	-0.088	-1.250	-1.401
1624	-0.615	-0.362	0.144	2.092	-1.022	0.705	-0.643	-0.977	-0.472	1.477	-1.638	0.090	-1.258
1625	0.564	0.332	-0.284	-2.068	0.883	-0.699	0.590	0.896	0.281	-1.504	1.447	-0.135	1.154
1626	-0.136	-0.201	-0.376	1.427	-1.209	0.637	-0.159	-0.338	-0.512	1.290	-1.345	0.501	-0.295
1627	-0.167	-0.251	1.587	-0.216	0.609	-1.237	-0.193	-0.417	1.420	-0.383	0.442	-1.404	-0.359
1628	0.594	0.382	-2.277	-0.381	-0.713	0.944	0.623	0.977	-1.683	0.213	-0.119	1.538	1.218
1629	-0.648	-0.417	2.320	0.250	0.721	-1.089	-0.680	-1.065	1.672	-0.398	0.073	-1.737	-1.328
1630	-0.679	-0.304	-1.640	0.807	-0.567	0.674	-0.648	-0.982	-2.319	0.128	-1.246	-0.005	-1.326
1631	0.804	0.360	1.772	-1.131	0.611	-0.860	0.767	1.164	2.576	-0.327	1.415	-0.056	1.572
1632	-7.274	-3.825	5.711	6.071	-0.544	0.202	-7.235	-11.099	-1.563	-1.203	-7.818	-7.072	-14.509
1633	-7.647	-3.780	3.469	5.071	-0.323	-1.865	-7.650	-11.427	-4.178	-2.576	-7.970	-9.511	-15.297
1634	-0.918	-0.280	0.914	0.889	0.000	0.148	-0.918	-1.197	-0.004	-0.028	-0.918	-0.769	-1.835
1635	-0.891	-0.176	0.627	0.603	0.000	0.144	-0.891	-1.066	-0.264	-0.288	-0.891	-0.747	-1.781
1636	-15.203	-7.433	13.815	16.195	-0.107	1.235	-15.184	-22.636	-1.388	0.992	-15.310	-13.968	-30.387
1637	-0.900	0.000	0.000	0.000	0.000	0.145	-0.900	-0.900	-0.900	-0.900	-0.900	-0.754	-1.799
1638	-0.918	0.000	0.000	0.000	0.000	0.148	-0.918	-0.918	-0.917	-0.917	-0.918	-0.769	-1.835
1639	-9.671	-4.427	3.717	6.028	0.915	-2.216	-9.677	-14.099	-5.954	-3.643	-8.756	-11.887	-19.348
1640	-0.918	0.000	0.000	0.000	-0.105	0.105	-0.918	-0.918	-0.918	-0.918	-1.023	-0.813	-1.836
1641	-0.900	0.000	0.000	0.000	-0.103	0.103	-0.900	-0.900	-0.900	-0.900	-1.003	-0.797	-1.800
1642	-15.203	-7.433	-1.593	17.315	-0.801	0.948	-15.184	-22.636	-16.796	2.112	-16.004	-14.256	-30.387
1643	-0.891	-0.176	-0.306	0.609	-0.102	0.102	-0.891	-1.067	-1.197	-0.282	-0.993	-0.789	-1.782
1644	-0.917	-0.280	-0.378	0.895	-0.105	0.105	-0.917	-1.197	-1.296	-0.022	-1.022	-0.812	-1.835
1645	-7.647	-3.780	4.135	3.025	1.547	-1.091	-7.650	-11.427	-3.512	-4.622	-6.100	-8.738	-15.297
1646	-0.917	-0.280	-0.459	0.948	-0.148	0.000	-0.917	-1.197	-1.376	0.031	-1.066	-0.917	-1.835
1647	-0.900	-0.274	-0.450	0.930	-0.145	0.000	-0.900	-1.174	-1.349	0.030	-1.045	-0.900	-1.799
1648	-0.894	-0.272	-0.447	0.924	-0.144	0.000	-0.894	-1.166	-1.340	0.030	-1.038	-0.894	-1.787
1649	-0.900	-0.274	-0.450	0.930	-0.145	0.000	-0.900	-1.174	-1.349	0.030	-1.045	-0.900	-1.799
1650	-0.917	-0.280	-0.459	0.948	-0.148	0.000	-0.917	-1.197	-1.376	0.031	-1.066	-0.917	-1.835
1651	-7.834	-3.949	4.177	3.283	1.561	0.796	-7.841	-11.783	-3.657	-4.552	-6.274	-7.038	-15.675
1652	-0.918	-0.280	-0.378	-0.374	-0.105	-0.105	-0.918	-1.197	-1.296	-1.292	-1.023	-1.023	-1.835
1653	-0.900	-0.274	-0.371	-0.367	-0.103	-0.103	-0.900	-1.174	-1.271	-1.267	-1.003	-1.003	-1.800
1654	-0.893	-0.272	-0.369	-0.365	-0.102	-0.102	-0.893	-1.165	-1.262	-1.258	-0.996	-0.996	-1.787
1655	-0.900	-0.274	-0.371	-0.367	-0.103	-0.103	-0.900	-1.175	-1.271	-1.267	-1.003	-1.003	-1.800
1656	-0.917	-0.279	-0.378	-0.375	-0.105	-0.105	-0.917	-1.197	-1.296	-1.292	-1.022	-1.022	-1.835
1657	-7.912	-4.026	3.328	4.292	0.646	1.648	-7.920	-11.937	-4.584	-3.620	-7.266	-6.264	-15.832
1658	-0.918	-0.280	0.956	-0.453	0.000	-0.148	-0.918	-1.197	0.038	-1.371	-0.918	-1.066	-1.835
1659	-0.900	-0.274	0.937	-0.445	0.000	-0.145	-0.900	-1.174	0.038	-1.344	-0.900	-1.045	-1.799
1660	-0.894	-0.272	0.931	-0.442	0.000	-0.144	-0.894	-1.166	0.037	-1.335	-0.894	-1.038	-1.787
1661	-0.900	-0.274	0.937	-0.445	0.000	-0.145	-0.900	-1.174	0.038	-1.344	-0.900	-1.045	-1.799
1662	-0.918	-0.280	0.956	-0.453	0.000	-0.148	-0.918	-1.197	0.038	-1.371	-0.918	-1.066	-1.835
1663	-7.940	-4.053	3.729	4.280	-0.642	1.546	-7.950	-11.993	-4.211	-3.660	-8.582	-6.394	-15.890
1664	-0.918	-0.280	0.862	-0.374	0.105	-0.105	-0.918	-1.197	-0.056	-1.292	-0.813	-1.023	-1.835
1665	-0.900	-0.274	0.845	-0.367	0.103	-0.103	-0.900	-1.174	-0.055	-1.267	-0.797	-1.003	-1.800

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
1666	-0.893	-0.272	0.839	-0.365	0.102	-0.102	-0.893	-1.165	-0.054	-1.258	-0.791	-0.996	-1.787
1667	-0.900	-0.274	0.845	-0.367	0.103	-0.103	-0.900	-1.175	-0.055	-1.267	-0.797	-1.003	-1.800
1668	-0.917	-0.279	0.862	-0.375	0.105	-0.105	-0.917	-1.197	-0.056	-1.292	-0.812	-1.022	-1.834
1669	-7.912	-4.026	5.576	3.354	-1.624	0.707	-7.920	-11.937	-2.336	-4.558	-9.535	-7.204	-15.832
1670	-0.917	-0.280	0.901	0.956	0.148	0.000	-0.917	-1.197	-0.016	0.038	-0.769	-0.917	-1.835
1671	-0.900	-0.274	0.884	0.937	0.145	0.000	-0.900	-1.174	-0.016	0.038	-0.754	-0.900	-1.799
1672	-0.894	-0.272	0.878	0.931	0.144	0.000	-0.894	-1.166	-0.016	0.037	-0.749	-0.894	-1.787
1673	-0.900	-0.274	0.884	0.937	0.145	0.000	-0.900	-1.174	-0.016	0.038	-0.754	-0.900	-1.799
1674	-0.917	-0.280	0.901	0.956	0.148	0.000	-0.917	-1.197	-0.016	0.038	-0.769	-0.917	-1.835
1675	-7.834	-3.949	5.303	3.638	-1.668	-0.541	-7.841	-11.783	-2.532	-4.197	-9.502	-8.375	-15.675
1676	-0.918	-0.280	0.862	0.853	0.105	0.105	-0.918	-1.197	-0.056	-0.064	-0.813	-0.813	-1.835
1677	-0.900	-0.274	0.845	0.837	0.103	0.103	-0.900	-1.174	-0.055	-0.063	-0.797	-0.797	-1.800
1678	-0.893	-0.272	0.839	0.831	0.102	0.102	-0.893	-1.165	-0.054	-0.062	-0.791	-0.791	-1.787
1679	-0.900	-0.274	0.845	0.837	0.103	0.103	-0.900	-1.174	-0.055	-0.063	-0.797	-0.797	-1.800
1680	-0.918	-0.280	0.862	0.853	0.105	0.105	-0.918	-1.197	-0.056	-0.064	-0.813	-0.813	-1.835
1681	-8.258	-4.199	-1.152	4.621	-6.215	-0.137	-8.262	-12.457	-9.410	-3.636	-14.473	-8.395	-16.519
1682	-3.580	-2.039	7.703	3.944	3.697	-1.393	-3.583	-5.619	4.122	0.364	0.117	-4.973	-7.163
1683	5.501	2.702	-9.958	-5.844	-4.004	1.246	5.503	8.203	-4.458	-0.344	1.496	6.747	11.004
1684	-12.177	-6.014	16.146	13.116	3.248	-0.699	-12.179	-18.191	3.969	0.939	-8.929	-12.876	-24.355
1685	-21.473	-9.777	6.706	24.433	-8.763	3.622	-21.440	-31.250	-14.767	2.960	-30.237	-17.851	-42.913
1686	14.870	7.174	-7.430	-16.225	3.867	-1.389	14.841	22.044	7.440	-1.355	18.737	13.481	29.711
1687	12.452	6.179	-17.071	-12.899	-3.473	-0.841	12.446	18.631	-4.620	-0.448	8.979	11.611	24.898
1688	-21.697	-9.381	22.329	20.405	3.240	1.819	-21.675	-31.079	0.632	-1.292	-18.458	-19.878	-43.372
1689	-16.650	-5.566	-5.835	13.269	-8.151	-0.264	-16.630	-22.216	-22.485	-3.381	-24.801	-16.914	-33.280
1690	5.894	2.290	3.414	-4.860	3.484	1.309	5.885	8.184	9.308	1.034	9.378	7.204	11.779
1691	-3.944	-2.114	-3.152	4.488	-3.217	-1.451	-3.936	-6.058	-7.096	0.544	-7.161	-5.395	-7.880
1692	-11.841	-4.457	15.014	1.807	8.287	-2.462	-11.869	-16.298	3.173	-10.034	-3.555	-14.303	-23.710
1693	-11.840	-4.456	-6.257	0.718	-4.131	-7.599	-11.868	-16.296	-18.097	-11.122	-15.971	-19.439	-23.708
1694	-3.945	-2.115	6.699	3.994	3.296	1.251	-3.936	-6.059	2.755	0.050	-0.649	-2.694	-7.881
1695	5.895	2.290	-7.255	-4.326	-3.384	-1.540	5.886	8.186	-1.360	1.569	2.511	4.356	11.781
1696	-16.650	-5.566	14.706	14.600	5.937	5.565	-16.631	-22.216	-1.945	-2.050	-10.714	-11.086	-33.281
1697	-21.697	-9.381	-7.488	21.102	-3.574	-1.002	-21.675	-31.078	-29.185	-0.594	-25.270	-22.699	-43.372
1698	12.451	6.179	6.530	-13.108	3.056	1.864	12.446	18.630	18.982	-0.657	15.507	14.315	24.897
1699	14.871	7.174	-3.964	-18.070	-1.752	-3.716	14.841	22.045	10.907	-3.199	13.118	11.154	29.712
1700	-21.472	-9.776	7.477	27.074	3.636	8.759	-21.439	-31.248	-13.995	5.602	-17.836	-12.714	-42.911
1701	-12.177	-6.014	-5.275	11.779	-1.805	-2.791	-12.178	-18.190	-17.452	-0.398	-13.981	-14.968	-24.355
1702	5.501	2.703	5.095	-4.492	1.953	3.713	5.504	8.203	10.596	1.009	7.454	9.214	11.004
1703	-3.581	-2.039	-4.087	2.685	-1.632	-3.600	-3.584	-5.620	-7.668	-0.896	-5.213	-7.181	-7.165
1704	-8.256	-4.198	10.548	6.539	4.495	4.299	-8.260	-12.455	2.292	-1.718	-3.761	-3.957	-16.516
1705	-11.154	-5.881	1.054	1.522	0.772	-7.981	-11.174	-17.034	-10.100	-9.631	-10.382	-19.135	-22.327
1706	-1.336	-0.829	1.760	5.233	0.765	4.196	-1.330	-2.165	0.424	3.897	-0.571	2.860	-2.666
1707	3.070	1.393	-1.095	-7.345	-0.566	-4.544	3.063	4.462	1.975	-4.275	2.504	-1.475	6.133
1708	-9.142	-4.581	0.062	14.252	0.430	4.132	-9.137	-13.723	-9.080	5.110	-8.712	-5.010	-18.279
1709	-6.734	-3.395	-1.808	3.983	-0.377	-3.139	-6.739	-10.130	-8.542	-2.751	-7.111	-9.873	-13.473
1710	0.823	0.284	0.340	2.696	0.114	2.625	0.825	1.108	1.164	3.519	0.937	3.449	1.648

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
1711	0.736	0.191	0.439	-4.308	0.138	-2.625	0.734	0.927	1.175	-3.572	0.874	-1.889	1.470
1712	-6.642	-3.290	-1.964	11.706	-0.419	2.847	-6.643	-9.932	-8.606	5.064	-7.061	-3.795	-13.285
1713	-9.388	-4.768	0.017	3.413	0.411	-3.661	-9.387	-14.156	-9.370	-5.975	-8.976	-13.049	-18.775
1714	3.293	1.575	-1.167	3.362	-0.588	3.766	3.292	4.869	2.127	6.655	2.706	7.060	6.585
1715	-1.543	-0.998	1.826	-4.653	0.785	-3.478	-1.541	-2.540	0.283	-6.195	-0.758	-5.020	-3.084
1716	-11.224	-5.748	0.490	16.568	0.548	6.104	-11.233	-16.972	-10.733	5.345	-10.676	-5.120	-22.457
1717	-11.365	-5.781	10.677	-4.627	4.491	-3.679	-11.372	-17.145	-0.688	-15.991	-6.874	-15.044	-22.737
1718	-1.500	-1.003	-4.459	7.651	-1.731	2.831	-1.500	-2.503	-5.959	6.151	-3.231	1.331	-3.000
1719	3.247	1.581	5.498	-7.623	2.060	-2.880	3.247	4.828	8.745	-4.376	5.307	0.367	6.494
1720	-9.312	-4.743	-6.237	7.611	-2.058	2.592	-9.312	-14.055	-15.549	-1.701	-11.370	-6.720	-18.623
1721	-6.642	-3.287	3.074	-5.511	1.463	-2.123	-6.643	-9.929	-3.568	-12.153	-5.179	-8.765	-13.285
1722	0.773	0.221	-3.716	4.373	-1.461	1.675	0.773	0.994	-2.943	5.147	-0.688	2.449	1.546
1723	0.785	0.254	4.359	-3.736	1.640	-1.497	0.785	1.038	5.144	-2.952	2.424	-0.712	1.570
1724	-6.651	-3.323	-5.485	3.083	-2.037	1.464	-6.654	-9.975	-12.136	-3.568	-8.688	-5.187	-13.305
1725	-9.280	-4.681	7.484	-6.171	2.434	-1.963	-9.277	-13.961	-1.795	-15.450	-6.845	-11.243	-18.556
1726	3.219	1.515	-7.488	5.426	-2.678	1.935	3.215	4.733	-4.269	8.645	0.541	5.154	6.434
1727	-1.474	-0.942	7.532	-4.399	2.644	-1.615	-1.471	-2.416	6.057	-5.873	1.170	-3.089	-2.945
1728	-11.360	-5.884	-4.539	10.615	-3.422	4.377	-11.375	-17.244	-15.899	-0.745	-14.782	-6.983	-22.735
1729	-11.276	-5.775	16.352	0.787	5.439	0.933	-11.286	-17.052	5.076	-10.489	-5.837	-10.343	-22.562
1730	-1.528	-1.012	-4.463	1.667	-3.035	0.596	-1.528	-2.540	-5.991	0.138	-4.563	-0.932	-3.057
1731	3.278	1.591	3.142	-1.003	3.287	-0.384	3.278	4.869	6.420	2.275	6.565	2.894	6.556
1732	-9.323	-4.745	3.574	-0.164	-3.126	0.232	-9.323	-14.067	-5.749	-9.487	-12.448	-9.091	-18.646
1733	-6.625	-3.283	11.467	-1.947	2.424	-0.354	-6.625	-9.908	4.842	-8.572	-4.201	-6.979	-13.250
1734	0.776	0.228	-4.146	0.386	-2.150	0.087	0.775	1.004	-3.370	1.162	-1.374	0.863	1.551
1735	0.783	0.247	2.521	0.384	2.150	0.165	0.784	1.031	3.305	1.168	2.933	0.948	1.567
1736	-6.653	-3.317	4.200	-1.943	-2.442	-0.442	-6.655	-9.969	-2.453	-8.596	-9.095	-7.095	-13.308
1737	-9.289	-4.705	13.902	-0.163	3.128	0.349	-9.287	-13.994	4.613	-9.452	-6.161	-8.940	-18.576
1738	3.225	1.537	-6.905	-0.997	-3.305	-0.516	3.224	4.763	-3.680	2.228	-0.080	2.709	6.449
1739	-1.480	-0.963	4.815	1.661	3.052	0.719	-1.478	-2.443	3.335	0.181	1.572	-0.761	-2.958
1740	-11.364	-5.875	3.019	0.843	-5.456	0.667	-11.378	-17.239	-8.345	-10.521	-16.820	-10.697	-22.742
1741	-11.363	-5.875	9.265	10.547	3.388	4.329	-11.377	-17.238	-2.099	-0.816	-7.976	-7.034	-22.740
1742	-1.480	-0.963	1.099	-4.389	-2.667	-1.650	-1.479	-2.444	-0.381	-5.869	-4.147	-3.130	-2.959
1743	3.226	1.538	-2.715	5.415	2.702	1.972	3.224	4.763	0.511	8.641	5.928	5.198	6.450
1744	-9.289	-4.705	9.308	-6.138	-2.457	-1.965	-9.287	-13.993	0.019	-15.427	-11.746	-11.254	-18.576
1745	-6.652	-3.316	8.132	3.061	2.042	1.415	-6.654	-9.968	1.480	-3.592	-4.610	-5.237	-13.306
1746	0.782	0.247	-1.315	-3.684	-1.637	-1.404	0.783	1.029	-0.532	-2.902	-0.854	-0.622	1.566
1747	0.775	0.227	-0.149	4.321	1.458	1.583	0.775	1.003	0.626	5.097	2.234	2.358	1.550
1748	-6.624	-3.283	6.795	-5.453	-1.460	-1.964	-6.625	-9.907	0.170	-12.077	-8.084	-8.588	-13.249
1749	-9.323	-4.745	10.665	7.529	2.046	2.375	-9.323	-14.067	1.343	-1.794	-7.277	-6.947	-18.645
1750	3.278	1.591	-4.011	-7.534	-2.051	-2.596	3.278	4.869	-0.733	-4.257	1.226	0.682	6.556
1751	-1.529	-1.013	2.296	7.569	1.723	2.568	-1.529	-2.541	0.767	6.040	0.194	1.040	-3.057
1752	-11.276	-5.775	7.241	-4.516	-3.186	-11.285	-17.050	-4.035	-15.792	-15.780	-14.462	-22.561	
1753	-11.361	-5.884	7.270	16.535	-0.676	5.515	-11.376	-17.245	-4.091	5.174	-12.037	-5.846	-22.737
1754	-1.473	-0.942	2.291	-4.528	-0.727	-3.011	-1.470	-2.415	0.818	-6.001	-2.201	-4.484	-2.944
1755	3.219	1.514	-4.076	3.213	0.525	3.261	3.215	4.733	-0.857	6.431	3.744	6.480	6.434

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
1756	-9.280	-4.682	10.422	3.522	-0.332	-3.107	-9.277	-13.961	1.142	-5.758	-9.612	-12.387	-18.557
1757	-6.652	-3.324	7.206	11.555	0.407	2.477	-6.654	-9.975	0.554	4.903	-6.245	-4.175	-13.306
1758	0.785	0.254	-0.782	-4.221	-0.101	-2.217	0.786	1.039	0.003	-3.436	0.684	-1.432	1.571
1759	0.774	0.221	-0.749	2.596	-0.151	2.217	0.773	0.995	0.025	3.371	0.623	2.992	1.548
1760	-6.643	-3.287	7.175	4.138	0.469	-2.533	-6.644	-9.931	0.532	-2.506	-6.174	-9.177	-13.287
1761	-9.312	-4.743	10.547	14.032	-0.378	3.288	-9.312	-14.055	1.235	4.720	-9.690	-6.025	-18.624
1762	3.247	1.581	-4.207	-7.036	0.581	-3.492	3.247	4.828	-0.960	-3.789	3.828	-0.245	6.494
1763	-1.500	-1.003	2.412	4.935	-0.779	3.225	-1.500	-2.503	0.913	3.436	-2.278	1.725	-3.000
1764	-11.365	-5.781	7.044	2.750	-0.572	-5.776	-11.372	-17.146	-4.321	-8.615	-11.937	-17.141	-22.738
1765	-11.223	-5.748	6.893	9.445	-4.702	3.930	-11.232	-16.971	-4.330	-1.779	-15.925	-7.294	-22.456
1766	-1.543	-0.998	2.494	0.969	1.903	-3.014	-1.542	-2.541	0.951	-0.574	0.360	-4.557	-3.084
1767	3.293	1.575	-4.225	-2.558	-2.246	3.079	3.292	4.869	-0.932	0.736	1.047	6.372	6.585
1768	-9.387	-4.768	11.056	9.161	2.298	-2.880	-9.387	-14.155	1.668	-0.227	-7.089	-12.267	-18.774
1769	-6.641	-3.290	6.412	8.273	-1.714	2.310	-6.642	-9.931	-0.229	1.632	-8.355	-4.331	-13.283
1770	0.735	0.190	0.398	-1.442	1.758	-1.954	0.733	0.925	1.133	-0.707	2.493	-1.219	1.468
1771	0.823	0.284	-1.862	-0.008	-1.936	1.776	0.825	1.107	-1.039	0.815	-1.113	2.599	1.647
1772	-6.734	-3.395	9.000	6.611	2.488	-1.953	-6.739	-10.129	2.266	-0.122	-4.246	-8.686	-13.472
1773	-9.143	-4.582	7.875	10.851	-3.224	2.617	-9.138	-13.724	-1.268	1.708	-12.367	-6.525	-18.281
1774	3.071	1.393	-1.006	-4.278	3.612	-2.813	3.064	4.464	2.065	-1.207	6.683	0.258	6.135
1775	-1.336	-0.829	-0.479	2.556	-3.506	2.426	-1.330	-2.165	-1.815	1.220	-4.842	1.091	-2.666
1776	-11.153	-5.881	12.009	6.161	5.097	-6.190	-11.173	-17.034	0.856	-4.992	-6.056	-17.343	-22.326
1777	9.749	5.132	-2.766	-5.750	2.182	1.915	9.755	14.881	6.983	3.999	11.931	11.664	19.504
1778	-4.311	-2.197	-2.654	0.607	-0.994	-2.306	-4.316	-6.508	-6.965	-3.704	-5.305	-6.617	-8.627
1779	5.345	2.594	-0.314	-3.050	0.856	1.345	5.345	7.940	5.031	2.295	6.201	6.690	10.690
1780	-0.946	-0.469	-3.999	-1.591	-0.470	-1.820	-0.946	-1.415	-4.945	-2.537	-1.416	-2.766	-1.893
1781	0.531	0.189	2.202	1.570	-0.470	1.580	0.521	0.721	2.733	2.101	0.061	2.111	1.053
1782	6.510	3.379	-13.831	-6.343	-4.111	0.089	6.500	9.889	-7.321	0.167	2.399	6.599	13.010
1783	7.931	3.433	1.195	-9.275	3.888	-1.138	7.904	11.365	9.126	-1.344	11.819	6.793	15.836
1784	-1.066	-0.390	-5.627	2.034	-3.361	0.489	-1.056	-1.456	-6.693	0.969	-4.427	-0.577	-2.122
1785	-1.704	-1.205	7.228	-0.176	2.922	-1.052	-1.720	-2.908	5.524	-1.879	1.219	-2.756	-3.424
1786	5.943	2.707	-7.521	-3.814	-2.050	0.849	5.945	8.649	-1.578	2.129	3.892	6.792	11.888
1787	-6.331	-3.633	7.810	3.628	2.136	-1.938	-6.340	-9.964	1.479	-2.704	-4.196	-8.269	-12.671
1788	10.347	5.157	-10.749	-7.430	-3.026	1.492	10.346	15.504	-0.402	2.916	7.320	11.838	20.693
1789	10.347	5.157	1.568	-6.931	1.082	3.199	10.346	15.504	11.914	3.416	11.429	13.546	20.693
1790	-6.331	-3.633	-1.332	2.636	-0.135	-2.881	-6.340	-9.964	-7.663	-3.696	-6.466	-9.212	-12.671
1791	5.943	2.707	2.714	-2.814	0.843	2.051	5.945	8.649	8.657	3.129	6.786	7.994	11.888
1792	-1.703	-1.205	-4.821	-1.350	-1.321	-2.810	-1.720	-2.908	-6.525	-3.053	-3.025	-4.514	-3.424
1793	-1.065	-0.390	5.886	3.678	2.024	2.720	-1.055	-1.455	4.821	2.613	0.958	1.655	-2.121
1794	7.931	3.433	-5.477	-11.506	-1.945	-3.555	7.904	11.364	2.454	-3.575	5.986	4.376	15.835
1795	6.510	3.379	7.201	-4.490	2.837	2.964	6.500	9.888	13.710	2.020	9.347	9.474	13.009
1796	0.532	0.190	-2.394	-0.229	-0.798	1.443	0.522	0.722	-1.862	0.303	-0.266	1.975	1.054
1797	-0.946	-0.469	4.412	0.366	1.626	-0.952	-0.947	-1.415	3.466	-0.580	0.680	-1.899	-1.893
1798	5.345	2.594	-3.790	-4.602	-1.562	0.344	5.345	7.940	1.555	0.743	3.783	5.689	10.690
1799	-4.311	-2.197	5.972	2.098	2.337	-0.928	-4.316	-6.508	1.661	-2.213	-1.974	-5.239	-8.627
1800	9.749	5.132	-6.655	-8.354	-2.900	-0.189	9.756	14.881	3.094	1.396	6.849	9.560	19.505

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
1801	9.373	5.172	-1.755	-1.591	-1.393	4.047	9.395	14.545	7.618	7.782	7.981	13.420	18.768
1802	-3.346	-1.881	2.470	-4.868	1.305	-3.092	-3.364	-5.227	-0.875	-8.214	-2.041	-6.438	-6.710
1803	3.878	2.078	-0.771	1.372	-0.676	2.261	3.891	5.956	3.106	5.250	3.201	6.138	7.768
1804	-0.018	-0.081	1.261	-6.603	0.593	-2.589	-0.033	-0.099	1.243	-6.621	0.575	-2.608	-0.052
1805	1.832	1.042	-0.033	2.953	-0.224	2.319	1.842	2.875	1.799	4.785	1.608	4.152	3.674
1806	1.843	0.886	0.780	-6.890	0.175	-2.026	1.836	2.729	2.623	-5.047	2.018	-0.183	3.678
1807	2.135	1.155	0.657	1.704	0.163	2.056	2.135	3.290	2.791	3.839	2.298	4.191	4.269
1808	1.556	0.781	0.133	-5.624	-0.197	-2.080	1.558	2.338	1.689	-4.067	1.359	-0.524	3.115
1809	0.311	0.214	1.129	3.059	0.574	2.390	0.303	0.525	1.440	3.369	0.884	2.701	0.614
1810	3.638	1.849	-0.563	-5.892	-0.625	-1.862	3.645	5.487	3.076	-2.253	3.013	1.776	7.283
1811	-2.947	-1.567	2.367	4.305	1.278	2.565	-2.959	-4.514	-0.580	1.358	-1.669	-0.382	-5.906
1812	9.325	4.995	-1.255	-9.580	-1.223	-3.045	9.337	14.320	8.070	-0.255	8.102	6.280	18.662
1813	9.479	5.106	-6.994	-0.399	-2.959	1.393	9.493	14.585	2.485	9.080	6.519	10.872	18.972
1814	-3.058	-1.680	6.803	-2.440	2.532	-0.797	-3.073	-4.738	3.745	-5.499	-0.526	-3.855	-6.132
1815	3.816	1.980	-4.355	2.325	-1.714	0.919	3.825	5.795	-0.539	6.141	2.101	4.734	7.640
1816	0.060	0.022	5.717	-4.033	1.973	-1.228	0.048	0.081	5.777	-3.973	2.032	-1.168	0.108
1817	1.693	0.901	-4.131	3.752	-1.466	1.283	1.698	2.593	-2.438	5.445	0.227	2.976	3.391
1818	1.952	0.995	4.427	-3.666	1.366	-1.191	1.948	2.947	6.379	-1.714	3.318	0.761	3.900
1819	2.006	1.025	-3.700	4.386	-1.110	1.461	2.002	3.031	-1.694	6.392	0.896	3.468	4.008
1820	1.640	0.874	3.772	-4.082	1.162	-1.522	1.645	2.514	5.412	-2.442	2.802	0.118	3.285
1821	0.115	0.047	-4.054	5.663	-1.116	2.058	0.103	0.162	-3.939	5.778	-1.001	2.173	0.218
1822	3.765	1.960	2.341	-4.309	0.798	-1.764	3.775	5.725	6.107	-0.543	4.563	2.002	7.541
1823	-3.011	-1.671	-2.455	6.746	-0.691	2.599	-3.027	-4.682	-5.466	3.735	-3.703	-0.412	-6.039
1824	9.387	5.087	-0.376	-6.882	1.143	-2.957	9.403	14.474	9.010	2.505	10.530	6.429	18.789
1825	9.382	5.067	-9.529	-1.352	-2.795	-1.329	9.397	14.449	-0.147	8.030	6.587	8.053	18.779
1826	-3.031	-1.676	4.210	2.475	2.222	1.320	-3.047	-4.707	1.179	-0.556	-0.809	-1.711	-6.078
1827	3.778	1.961	-6.091	-0.620	-1.730	-0.664	3.787	5.739	-2.313	3.157	2.048	3.114	7.565
1828	0.086	0.036	3.350	1.229	2.137	0.607	0.075	0.122	3.436	1.316	2.223	0.694	0.162
1829	1.654	0.877	-5.624	0.072	-1.817	-0.219	1.659	2.531	-3.969	1.727	-0.162	1.436	3.314
1830	1.973	1.009	1.777	0.758	1.715	0.174	1.969	2.982	3.750	2.730	3.687	2.147	3.942
1831	1.980	1.006	-6.913	0.761	-1.707	0.181	1.976	2.986	-4.933	2.741	0.273	2.161	3.956
1832	1.667	0.892	2.939	0.067	1.826	-0.217	1.672	2.559	4.605	1.734	3.493	1.449	3.339
1833	0.164	0.065	-6.564	1.241	-2.063	0.595	0.152	0.229	-6.399	1.406	-1.899	0.759	0.317
1834	3.727	1.946	1.283	-0.636	1.683	-0.646	3.737	5.673	5.010	3.091	5.410	3.081	7.464
1835	-3.096	-1.724	-4.711	2.487	-2.273	1.303	-3.113	-4.819	-7.807	-0.609	-5.369	-1.792	-6.209
1836	9.422	5.111	-2.208	-1.397	2.829	-1.281	9.439	14.533	7.214	8.025	12.251	8.141	18.861
1837	9.422	5.111	-8.590	-6.897	-1.095	-2.904	9.439	14.533	0.832	2.525	8.327	6.518	18.861
1838	-3.096	-1.724	1.797	6.833	0.686	2.527	-3.113	-4.819	-1.299	3.737	-2.410	-0.569	-6.209
1839	3.727	1.946	-3.636	-4.188	-0.735	-1.647	3.737	5.673	0.091	-0.461	2.992	2.080	7.464
1840	0.165	0.065	0.126	5.492	1.039	1.879	0.153	0.230	0.291	5.656	1.204	2.044	0.317
1841	1.667	0.893	-2.771	-4.085	-1.140	-1.446	1.673	2.560	-1.104	-2.418	0.527	0.221	3.340
1842	1.980	1.006	-0.833	4.359	1.079	1.335	1.975	2.985	1.147	6.339	3.058	3.315	3.955
1843	1.973	1.009	-4.115	-3.647	-1.335	-1.090	1.969	2.982	-2.142	-1.675	0.637	0.882	3.941
1844	1.655	0.877	0.438	3.730	1.436	1.130	1.660	2.532	2.093	5.385	3.091	2.785	3.315
1845	0.086	0.036	-3.399	-3.998	-1.939	-1.083	0.075	0.122	-3.313	-3.912	-1.852	-0.997	0.161

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
1846	3.777	1.961	-0.861	2.295	1.690	0.754	3.787	5.738	2.916	6.073	5.468	4.532	7.564
1847	-3.031	-1.676	-1.401	-2.402	-2.504	-0.640	-3.047	-4.707	-4.432	-5.433	-5.535	-3.671	-6.078
1848	9.382	5.067	-4.727	-0.439	2.916	1.037	9.397	14.449	4.655	8.943	12.298	10.419	18.779
1849	9.386	5.087	-5.816	-9.618	1.282	-2.900	9.403	14.474	3.570	-0.231	10.668	6.486	18.789
1850	-3.011	-1.671	0.076	4.249	-1.347	2.326	-3.027	-4.682	-2.936	1.238	-4.358	-0.686	-6.039
1851	3.766	1.960	-2.009	-6.128	0.680	-1.811	3.775	5.726	1.757	-2.362	4.446	1.955	7.541
1852	0.115	0.047	-1.670	3.379	-0.663	2.243	0.103	0.162	-1.555	3.494	-0.548	2.358	0.218
1853	1.640	0.874	-0.863	-5.654	0.252	-1.898	1.645	2.514	0.776	-4.015	1.892	-0.258	3.284
1854	2.006	1.025	-2.495	1.798	-0.248	1.817	2.002	3.032	-0.489	3.804	1.758	3.823	4.009
1855	1.952	0.995	-2.248	-6.954	-0.123	-1.808	1.948	2.947	-0.296	-5.002	1.829	0.144	3.900
1856	1.692	0.900	-1.097	2.964	0.126	1.942	1.697	2.592	0.595	4.657	1.818	3.634	3.390
1857	0.060	0.021	-1.422	-6.726	-0.524	-2.263	0.048	0.081	-1.362	-6.666	-0.465	-2.203	0.108
1858	3.816	1.980	-2.214	1.410	0.560	1.861	3.825	5.796	1.602	5.226	4.376	5.677	7.641
1859	-3.058	-1.680	0.243	-4.712	-1.225	-2.355	-3.073	-4.738	-2.815	-7.770	-4.283	-5.413	-6.132
1860	9.479	5.106	-6.055	-2.125	1.106	3.080	9.493	14.585	3.424	7.354	10.585	12.558	18.972
1861	9.325	4.995	-4.358	-8.629	3.017	-1.291	9.337	14.320	4.967	0.696	12.342	8.034	18.662
1862	-2.947	-1.567	-2.033	1.781	-2.716	0.912	-2.959	-4.514	-4.980	-1.166	-5.663	-2.035	-5.906
1863	3.638	1.849	-0.470	-3.627	1.756	-0.877	3.645	5.487	3.168	0.011	5.394	2.761	7.283
1864	0.311	0.214	-4.080	0.115	-2.093	1.287	0.303	0.525	-3.770	0.426	-1.783	1.598	0.614
1865	1.557	0.782	0.949	-2.772	1.607	-1.333	1.559	2.339	2.506	-1.215	3.164	0.224	3.116
1866	2.134	1.155	-4.833	-0.843	-1.568	1.340	2.134	3.289	-2.699	1.292	0.566	3.474	4.269
1867	1.843	0.886	-0.184	-4.111	1.307	-1.556	1.835	2.729	1.659	-2.268	3.150	0.287	3.678
1868	1.833	1.043	-3.662	0.470	-1.483	1.798	1.842	2.875	-1.829	2.303	0.350	3.631	3.675
1869	-0.019	-0.081	1.038	-3.431	1.411	-2.249	-0.034	-0.100	1.019	-3.450	1.393	-2.268	-0.053
1870	3.878	2.078	-4.543	-0.776	-1.121	2.075	3.891	5.956	-0.665	3.102	2.756	5.953	7.769
1871	-3.345	-1.881	2.976	-1.482	1.264	-3.108	-3.364	-5.226	-0.369	-4.827	-2.082	-6.453	-6.709
1872	9.373	5.172	-10.055	-4.241	-1.877	3.846	9.395	14.545	-0.682	5.132	7.496	13.219	18.768
1873	-7.781	-4.087	1.473	5.814	-1.675	-1.446	-7.782	-11.867	-6.308	-1.967	-9.455	-9.227	-15.563
1874	0.536	0.276	4.804	0.856	1.379	0.990	0.536	0.813	5.340	1.392	1.915	1.526	1.073
1875	-2.881	-1.324	-2.524	2.006	-1.596	-0.582	-2.876	-4.206	-5.405	-0.875	-4.477	-3.464	-5.758
1876	0.810	0.279	5.152	-0.005	1.778	0.594	0.807	1.089	5.962	0.804	2.588	1.404	1.616
1877	-0.562	-0.070	-4.128	-0.269	-0.902	-0.693	-0.547	-0.632	-4.690	-0.830	-1.464	-1.255	-1.109
1878	-3.787	-2.131	12.217	3.819	3.473	0.078	-3.794	-5.917	8.430	0.032	-0.314	-3.708	-7.581
1879	-8.822	-3.834	-0.746	9.825	-3.152	0.846	-8.783	-12.656	-9.568	1.003	-11.974	-7.976	-17.605
1880	0.332	-0.057	6.341	-0.560	2.738	-0.329	0.325	0.276	6.674	-0.227	3.070	0.004	0.657
1881	2.278	1.500	-6.231	-1.399	-1.581	0.721	2.289	3.778	-3.954	0.879	0.696	2.998	4.567
1882	-2.023	-0.694	6.788	0.745	2.477	-0.029	-2.030	-2.717	4.764	-1.278	0.454	-2.053	-4.053
1883	0.749	0.736	-4.689	0.382	-1.862	0.701	0.759	1.485	-3.940	1.131	-1.113	1.450	1.508
1884	-7.681	-3.767	12.773	7.107	3.537	-0.267	-7.682	-11.448	5.092	-0.574	-4.144	-7.948	-15.363
1885	-7.681	-3.767	-6.124	5.171	-2.310	-2.695	-7.682	-11.448	-13.805	-2.510	-9.991	-10.376	-15.364
1886	0.749	0.736	3.263	1.389	0.812	1.815	0.759	1.485	4.012	2.138	1.561	2.565	1.509
1887	-2.023	-0.694	-5.451	-0.613	-1.719	-1.776	-2.030	-2.717	-7.474	-2.636	-3.742	-3.799	-4.053
1888	2.277	1.500	3.544	-0.511	0.610	1.624	2.289	3.778	5.821	1.767	2.887	3.902	4.566
1889	0.332	-0.057	-5.983	-2.288	-1.698	-2.161	0.325	0.275	-5.651	-1.956	-1.366	-1.829	0.657
1890	-8.821	-3.834	5.327	12.107	1.639	2.833	-8.783	-12.655	-3.494	3.285	-7.182	-5.988	-17.604

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
1891	-3.787	-2.130	-7.146	1.763	-2.513	-2.401	-3.794	-5.917	-10.933	-2.023	-6.300	-6.188	-7.581
1892	-0.562	-0.071	3.471	1.410	1.139	0.153	-0.548	-0.632	2.910	0.849	0.578	-0.409	-1.110
1893	0.809	0.279	-4.681	-1.435	-1.680	-0.837	0.806	1.088	-3.872	-0.626	-0.871	-0.028	1.615
1894	-2.881	-1.324	3.946	3.734	1.545	0.718	-2.876	-4.205	1.065	0.852	-1.336	-2.163	-5.757
1895	0.537	0.276	-4.492	-0.316	-1.676	-0.274	0.537	0.813	-3.956	0.221	-1.140	0.262	1.073
1896	-7.781	-4.087	5.107	8.207	2.209	0.162	-7.782	-11.868	-2.674	0.426	-5.571	-7.619	-15.563
1897	-7.969	-4.372	0.983	1.205	0.914	-2.737	-7.985	-12.341	-6.986	-6.764	-7.055	-10.706	-15.954
1898	0.656	0.441	-1.141	5.335	-0.557	2.289	0.666	1.096	-0.485	5.991	0.099	2.944	1.322
1899	-2.187	-1.192	-0.049	-3.078	0.230	-2.341	-2.198	-3.379	-2.236	-5.265	-1.958	-4.528	-4.385
1900	-0.584	-0.260	-0.847	5.926	-0.334	2.065	-0.574	-0.844	-1.431	5.341	-0.918	1.481	-1.159
1901	-1.287	-0.743	-0.238	-3.208	0.039	-2.201	-1.294	-2.031	-1.525	-4.496	-1.249	-3.488	-2.581
1902	-1.831	-0.883	-0.770	6.903	-0.174	2.101	-1.824	-2.714	-2.601	5.073	-2.005	0.270	-3.655
1903	-1.979	-1.071	-0.606	-1.936	-0.150	-2.130	-1.979	-3.051	-2.585	-3.915	-2.129	-4.109	-3.959
1904	-1.151	-0.558	-0.425	5.811	0.010	2.124	-1.151	-1.709	-1.576	4.660	-1.141	0.973	-2.302
1905	-0.727	-0.436	-0.718	-2.633	-0.317	-2.057	-0.724	-1.163	-1.445	-3.360	-1.044	-2.784	-1.451
1906	-2.085	-1.018	-0.275	6.416	0.192	2.261	-2.087	-3.103	-2.360	4.331	-1.893	0.176	-4.172
1907	0.489	0.267	-1.067	-3.223	-0.554	-2.206	0.494	0.756	-0.577	-2.734	-0.065	-1.717	0.983
1908	-7.823	-4.178	0.586	9.944	0.829	2.523	-7.829	-12.000	-7.237	2.121	-6.993	-5.300	-15.652
1909	-7.907	-4.293	5.431	-1.728	2.238	-1.285	-7.918	-12.200	-2.475	-9.635	-5.669	-9.192	-15.825
1910	0.684	0.421	-5.248	4.314	-1.852	1.104	0.692	1.105	-4.565	4.998	-1.168	1.788	1.376
1911	-2.399	-1.235	4.678	-5.177	1.738	-1.542	-2.405	-3.634	2.279	-7.576	-0.661	-3.941	-4.804
1912	-0.560	-0.293	-4.654	4.054	-1.556	1.144	-0.553	-0.853	-5.214	3.494	-2.116	0.584	-1.113
1913	-1.239	-0.655	3.924	-4.445	1.344	-1.407	-1.241	-1.894	2.686	-5.684	0.106	-2.646	-2.480
1914	-1.875	-0.956	-4.505	3.788	-1.419	1.245	-1.871	-2.830	-6.379	1.913	-3.293	-0.630	-3.745
1915	-1.917	-0.980	3.808	-4.477	1.173	-1.504	-1.913	-2.897	1.891	-6.394	-0.744	-3.421	-3.830
1916	-1.196	-0.630	-4.454	3.888	-1.304	1.407	-1.198	-1.825	-5.649	2.692	-2.500	0.211	-2.394
1917	-0.597	-0.313	4.060	-4.621	1.069	-1.634	-0.590	-0.910	3.463	-5.218	0.472	-2.231	-1.187
1918	-2.354	-1.208	-5.158	4.628	-1.403	1.809	-2.360	-3.561	-7.512	2.274	-3.757	-0.545	-4.714
1919	0.657	0.409	4.292	-5.204	1.018	-1.920	0.665	1.066	4.949	-4.547	1.675	-1.263	1.322
1920	-7.866	-4.262	-1.630	5.349	-1.062	2.324	-7.877	-12.129	-9.496	-2.517	-8.928	-5.542	-15.743
1921	-7.892	-4.276	9.898	0.674	2.280	0.833	-7.903	-12.168	2.006	-7.218	-5.612	-7.059	-15.795
1922	0.675	0.416	-3.483	-1.173	-2.000	-0.591	0.683	1.091	-2.808	-0.498	-1.326	0.084	1.358
1923	-2.370	-1.212	7.005	-0.190	2.187	0.239	-2.376	-3.582	4.635	-2.560	-0.183	-2.131	-4.746
1924	-0.580	-0.306	-2.808	-0.827	-1.834	-0.345	-0.573	-0.886	-3.388	-1.407	-2.414	-0.925	-1.153
1925	-1.202	-0.629	5.727	-0.340	1.850	0.031	-1.204	-1.831	4.525	-1.542	0.648	-1.171	-2.406
1926	-1.911	-0.978	-1.892	-0.733	-1.821	-0.172	-1.907	-2.889	-3.803	-2.643	-3.732	-2.083	-3.818
1927	-1.876	-0.952	6.812	-0.722	1.814	-0.168	-1.872	-2.828	4.936	-2.598	-0.062	-2.044	-3.748
1928	-1.238	-0.656	-3.138	-0.354	-1.869	0.025	-1.241	-1.894	-4.376	-1.592	-3.107	-1.213	-2.479
1929	-0.626	-0.322	5.838	-0.819	1.778	-0.330	-0.618	-0.947	5.212	-1.445	1.152	-0.956	-1.244
1930	-2.169	-1.118	-2.992	-0.200	-2.010	0.204	-2.175	-3.287	-5.161	-2.369	-4.179	-1.965	-4.344
1931	0.594	0.383	5.222	-1.156	1.928	-0.563	0.603	0.978	5.816	-0.562	2.522	0.032	1.197
1932	-7.867	-4.274	1.206	0.584	-2.338	0.807	-7.878	-12.141	-6.661	-7.284	-10.205	-7.060	-15.746
1933	-7.867	-4.274	8.940	5.397	1.084	2.221	-7.879	-12.141	1.072	-2.470	-6.783	-5.647	-15.746
1934	0.595	0.383	-0.854	-5.039	-0.964	-1.759	0.603	0.978	-0.259	-4.444	-0.370	-1.164	1.198
1935	-2.169	-1.118	3.481	4.236	1.279	1.565	-2.175	-3.287	1.313	2.068	-0.889	-0.604	-4.343

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
1936	-0.626	-0.322	-0.055	-4.507	-1.025	-1.490	-0.619	-0.948	-0.682	-5.133	-1.651	-2.116	-1.245
1937	-1.239	-0.656	2.834	3.929	1.305	1.340	-1.241	-1.895	1.595	2.691	0.066	0.102	-2.480
1938	-1.876	-0.952	0.800	-4.489	-1.163	-1.402	-1.871	-2.828	-1.075	-6.364	-3.039	-3.277	-3.747
1939	-1.910	-0.978	3.939	3.806	1.409	1.167	-1.907	-2.888	2.029	1.896	-0.501	-0.743	-3.817
1940	-1.202	-0.629	-0.395	-4.436	-1.328	-1.286	-1.204	-1.831	-1.597	-5.638	-2.530	-2.488	-2.406
1941	-0.580	-0.306	2.928	4.037	1.540	1.055	-0.573	-0.887	2.348	3.456	0.960	0.475	-1.154
1942	-2.370	-1.212	-0.037	-5.124	-1.714	-1.378	-2.375	-3.581	-2.407	-7.493	-4.084	-3.748	-4.745
1943	0.675	0.416	2.069	4.265	1.833	0.999	0.683	1.091	2.743	4.940	2.508	1.674	1.358
1944	-7.892	-4.276	4.355	-1.564	-2.202	-1.024	-7.903	-12.168	-3.537	-9.456	-10.094	-8.916	-15.795
1945	-7.866	-4.262	6.199	9.938	-0.891	2.395	-7.877	-12.128	-1.667	2.072	-8.757	-5.471	-15.743
1946	0.657	0.409	0.553	-3.495	0.637	-2.076	0.665	1.066	1.209	-2.838	1.294	-1.419	1.322
1947	-2.354	-1.208	1.617	7.027	-0.284	2.271	-2.360	-3.562	-0.737	4.672	-2.638	-0.083	-4.714
1948	-0.597	-0.313	1.395	-2.815	0.398	-1.910	-0.589	-0.910	0.798	-3.411	-0.198	-2.507	-1.186
1949	-1.196	-0.630	0.977	5.738	-0.071	1.917	-1.198	-1.825	-0.219	4.543	-1.267	0.721	-2.393
1950	-1.917	-0.980	2.380	-1.886	0.234	-1.891	-1.913	-2.897	0.463	-3.803	-1.684	-3.808	-3.830
1951	-1.875	-0.956	2.164	6.825	0.122	1.883	-1.871	-2.831	0.289	4.950	-1.753	0.008	-3.746
1952	-1.238	-0.655	1.204	-3.130	0.046	-1.944	-1.241	-1.893	-0.034	-4.368	-1.192	-3.182	-2.479
1953	-0.560	-0.293	1.193	5.947	0.290	1.909	-0.552	-0.852	0.634	5.387	-0.269	1.350	-1.112
1954	-2.399	-1.235	1.898	-3.303	-0.136	-2.319	-2.405	-3.635	-0.501	-5.702	-2.535	-4.718	-4.805
1955	0.683	0.421	0.373	5.378	0.528	2.092	0.692	1.105	1.057	6.061	1.211	2.775	1.375
1956	-7.907	-4.293	6.591	1.196	-0.673	-2.494	-7.918	-12.200	-1.316	-6.711	-8.580	-10.401	-15.825
1957	-7.822	-4.177	3.803	8.860	-2.370	1.200	-7.829	-12.000	-4.019	1.038	-10.192	-6.622	-15.651
1958	0.489	0.267	2.631	-0.839	1.952	-1.170	0.494	0.756	3.120	-0.349	2.441	-0.680	0.984
1959	-2.084	-1.018	-0.537	3.470	-1.732	1.465	-2.087	-3.102	-2.622	1.386	-3.816	-0.619	-4.171
1960	-0.728	-0.436	3.480	-0.056	1.677	-1.232	-0.724	-1.164	2.752	-0.784	0.949	-1.960	-1.452
1961	-1.152	-0.558	-0.879	2.846	-1.507	1.496	-1.151	-1.710	-2.031	1.694	-2.659	0.344	-2.303
1962	-1.979	-1.071	4.519	0.771	1.611	-1.401	-1.979	-3.050	2.540	-1.208	-0.368	-3.380	-3.958
1963	-1.831	-0.883	0.287	3.974	-1.361	1.608	-1.824	-2.714	-1.544	2.144	-3.192	-0.223	-3.654
1964	-1.288	-0.743	3.447	-0.461	1.529	-1.583	-1.294	-2.031	2.160	-1.748	0.242	-2.871	-2.582
1965	-0.584	-0.260	-0.552	2.988	-1.223	1.695	-0.574	-0.844	-1.136	2.403	-1.808	1.111	-1.159
1966	-2.188	-1.192	4.071	-0.148	1.493	-1.817	-2.198	-3.380	1.883	-2.336	-0.695	-4.005	-4.386
1967	0.655	0.440	-1.399	2.147	-1.223	2.011	0.666	1.096	-0.744	2.803	-0.568	2.667	1.321
1968	-7.968	-4.372	9.519	4.232	1.289	-2.582	-7.985	-12.340	1.550	-3.737	-6.679	-10.550	-15.953
1969	3.608	1.877	0.884	-1.719	0.860	1.072	3.611	5.485	4.491	1.888	4.468	4.680	7.219
1970	-0.639	-0.301	-5.969	-1.628	-1.199	-1.502	-0.643	-0.940	-6.608	-2.267	-1.838	-2.141	-1.282
1971	0.952	0.404	3.593	0.646	0.804	0.999	0.951	1.356	4.545	1.598	1.756	1.951	1.903
1972	-1.147	-0.528	-4.389	0.157	-1.275	-0.928	-1.149	-1.675	-5.536	-0.990	-2.422	-2.075	-2.296
1973	-0.522	-0.293	4.733	1.833	0.706	1.121	-0.526	-0.815	4.210	1.311	0.184	0.599	-1.048
1974	3.046	1.631	-10.807	-3.097	-3.343	-0.297	3.043	4.677	-7.761	-0.051	-0.297	2.749	6.089
1975	2.680	1.264	3.601	-2.930	2.762	-0.010	2.661	3.944	6.281	-0.250	5.442	2.670	5.341
1976	0.116	0.240	-7.259	0.393	-2.977	0.112	0.119	0.356	-7.143	0.509	-2.861	0.227	0.235
1977	0.215	0.143	5.991	-1.456	2.737	-0.113	0.178	0.358	6.206	-1.241	2.952	0.102	0.392
1978	2.877	1.508	-5.940	-1.857	-1.417	0.614	2.869	4.385	-3.063	1.020	1.460	3.492	5.746
1979	-2.148	-1.299	8.687	0.279	2.767	-0.958	-2.175	-3.446	6.540	-1.868	0.620	-3.105	-4.322
1980	5.555	2.898	-4.463	-3.489	-0.515	1.311	5.515	8.452	1.091	2.065	5.040	6.866	11.070

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON	CASE11	CASE12	CASE13
1981	5.555	2.897	-0.565	-2.234	-0.560	1.308	5.515	8.452	4.990	3.321	4.995	6.862	11.070	
1982	-2.147	-1.298	-6.208	-1.116	-1.271	-2.632	-2.174	-3.446	-8.356	-3.264	-3.418	-4.779	-4.322	
1983	2.877	1.508	3.276	-0.777	0.563	1.440	2.869	4.385	6.153	2.100	3.440	4.317	5.746	
1984	0.215	0.143	-5.965	-2.882	-1.865	-2.019	0.178	0.359	-5.750	-2.667	-1.650	-1.803	0.393	
1985	0.116	0.240	6.516	2.088	2.018	2.187	0.119	0.356	6.632	2.204	2.134	2.303	0.235	
1986	2.680	1.264	-5.716	-5.734	-1.945	-1.952	2.661	3.944	-3.036	-3.054	0.735	0.728	5.342	
1987	3.046	1.631	7.359	-0.673	2.572	2.151	3.043	4.677	10.405	2.373	5.618	5.197	6.089	
1988	-0.522	-0.292	-3.931	-0.055	-1.299	0.292	-0.526	-0.814	-4.453	-0.577	-1.821	-0.230	-1.048	
1989	-1.147	-0.528	4.586	2.171	1.561	0.246	-1.148	-1.675	3.439	1.024	0.414	-0.901	-2.295	
1990	0.952	0.404	-3.506	-1.191	-1.280	0.137	0.952	1.356	-2.554	-0.239	-0.328	1.089	1.904	
1991	-0.639	-0.301	5.497	0.433	1.912	-0.215	-0.643	-0.940	4.857	-0.207	1.273	-0.854	-1.282	
1992	3.608	1.877	-3.232	-4.708	-1.369	0.149	3.611	5.485	0.375	-1.100	2.239	3.757	7.219	
1993	3.467	1.986	0.083	1.403	-0.571	1.643	3.482	5.453	3.550	4.870	2.896	5.110	6.949	
1994	-0.385	-0.339	1.403	-7.132	0.778	-2.440	-0.402	-0.724	1.018	-7.517	0.393	-2.826	-0.787	
1995	1.198	0.682	-0.310	3.948	-0.444	1.749	1.209	1.880	0.888	5.146	0.754	2.947	2.407	
1996	-0.644	-0.416	0.629	-5.086	0.331	-1.970	-0.658	-1.060	-0.015	-5.730	-0.313	-2.614	-1.302	
1997	0.512	0.335	-0.079	4.267	-0.209	1.799	0.520	0.847	0.433	4.780	0.303	2.312	1.032	
1998	0.606	0.229	0.414	-5.502	0.046	-1.863	0.597	0.835	1.019	-4.896	0.651	-1.257	1.203	
1999	0.798	0.454	0.228	3.692	0.032	1.889	0.797	1.252	1.026	4.490	0.830	2.687	1.595	
2000	0.347	0.131	0.112	-4.351	-0.193	-1.726	0.347	0.478	0.459	-4.004	0.154	-1.379	0.694	
2001	-0.456	-0.187	0.442	4.448	0.317	1.937	-0.462	-0.643	-0.014	3.991	-0.140	1.481	-0.918	
2002	1.085	0.504	-0.081	-4.255	-0.415	-1.662	1.088	1.589	1.004	-3.171	0.669	-0.577	2.173	
2003	-0.241	-0.107	1.217	3.883	0.759	2.300	-0.249	-0.348	0.976	3.642	0.518	2.058	-0.490	
2004	3.398	1.798	0.504	-5.468	-0.498	-1.509	3.403	5.196	3.902	-2.070	2.900	1.889	6.801	
2005	3.506	1.918	-3.477	1.787	-1.386	0.920	3.516	5.424	0.030	5.293	2.121	4.427	7.022	
2006	-0.529	-0.330	6.433	-4.472	2.106	-1.119	-0.542	-0.860	5.903	-5.002	1.577	-1.649	-1.071	
2007	1.270	0.655	-4.144	3.260	-1.430	0.950	1.277	1.925	-2.874	4.530	-0.160	2.220	2.546	
2008	-0.541	-0.303	4.577	-3.778	1.410	-1.053	-0.550	-0.843	4.036	-4.319	0.869	-1.594	-1.091	
2009	0.459	0.246	-3.995	3.643	-1.246	1.072	0.462	0.705	-3.536	4.102	-0.787	1.531	0.921	
2010	0.659	0.310	4.247	-3.992	1.209	-1.232	0.653	0.969	4.906	-3.333	1.867	-0.573	1.312	
2011	0.724	0.355	-4.038	4.200	-1.143	1.309	0.720	1.079	-3.314	4.924	-0.419	2.033	1.444	
2012	0.398	0.204	3.675	-3.944	0.962	-1.318	0.401	0.602	4.073	-3.546	1.360	-0.920	0.799	
2013	-0.474	-0.258	-3.824	4.526	-0.957	1.505	-0.483	-0.732	-4.298	4.052	-1.431	1.031	-0.957	
2014	1.210	0.613	3.277	-4.090	0.821	-1.499	1.216	1.823	4.486	-2.880	2.031	-0.289	2.426	
2015	-0.463	-0.289	-4.491	6.368	-0.989	2.204	-0.475	-0.752	-4.954	5.905	-1.452	1.741	-0.939	
2016	3.422	1.849	1.776	-3.380	0.687	-1.443	3.429	5.270	5.198	0.041	4.108	1.979	6.851	
2017	3.455	1.869	-5.504	0.470	-1.422	-0.464	3.463	5.324	-2.049	3.924	2.032	2.991	6.917	
2018	-0.502	-0.311	4.337	1.327	2.145	0.782	-0.514	-0.813	3.835	0.825	1.643	0.280	-1.017	
2019	1.240	0.629	-4.509	-0.146	-1.555	-0.422	1.246	1.869	-3.269	1.094	-0.316	0.817	2.485	
2020	-0.512	-0.281	4.340	0.552	1.641	0.308	-0.521	-0.793	3.829	0.040	1.129	-0.204	-1.033	
2021	0.431	0.222	-4.375	0.041	-1.524	-0.193	0.434	0.653	-3.944	0.472	-1.093	0.237	0.864	
2022	0.689	0.333	3.757	0.347	1.634	0.034	0.684	1.022	4.446	1.036	2.323	0.723	1.373	
2023	0.696	0.330	-5.526	0.350	-1.622	0.052	0.690	1.026	-4.830	1.046	-0.926	0.747	1.386	
2024	0.425	0.225	4.311	0.042	1.536	-0.208	0.429	0.650	4.736	0.467	1.962	0.217	0.854	
2025	-0.564	-0.314	-5.101	0.552	-1.690	0.333	-0.574	-0.878	-5.665	-0.012	-2.254	-0.232	-1.139	

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
2026	1.154	0.591	3.966	-0.144	1.496	-0.426	1.161	1.745	5.120	1.010	2.650	0.728	2.315
2027	-0.365	-0.249	-7.054	1.335	-2.027	0.777	-0.378	-0.614	-7.419	0.970	-2.392	0.412	-0.743
2028	3.419	1.855	1.564	0.498	1.448	-0.502	3.427	5.274	4.983	3.917	4.867	2.917	6.846
2029	3.419	1.854	-5.027	-3.392	-0.671	-1.377	3.427	5.273	-1.608	0.027	2.747	2.042	6.846
2030	-0.365	-0.249	0.887	6.106	0.884	1.981	-0.378	-0.614	0.522	5.741	0.519	1.616	-0.743
2031	1.154	0.591	-2.043	-3.945	-0.759	-1.360	1.160	1.745	-0.889	-2.791	0.394	-0.206	2.314
2032	-0.564	-0.314	1.966	4.628	0.961	1.430	-0.574	-0.878	1.402	4.064	0.397	0.866	-1.138
2033	0.426	0.225	-1.824	-3.950	-0.942	-1.235	0.429	0.651	-1.398	-3.525	-0.516	-0.809	0.855
2034	0.695	0.330	1.178	4.178	1.111	1.184	0.690	1.026	1.873	4.874	1.806	1.879	1.385
2035	0.689	0.333	-2.707	-3.991	-1.179	-1.131	0.684	1.022	-2.018	-3.302	-0.490	-0.443	1.373
2036	0.431	0.222	1.841	3.616	1.212	0.940	0.434	0.653	2.272	4.047	1.643	1.371	0.865
2037	-0.512	-0.281	-2.097	-3.768	-1.376	-0.943	-0.521	-0.792	-2.608	-4.280	-1.888	-1.455	-1.033
2038	1.240	0.629	1.604	3.222	1.396	0.801	1.246	1.869	2.843	4.462	2.636	2.041	2.486
2039	-0.502	-0.310	-3.558	-4.430	-2.069	-0.965	-0.514	-0.812	-4.060	-4.932	-2.571	-1.468	-1.016
2040	3.455	1.869	-0.157	1.716	1.333	0.677	3.463	5.324	3.298	5.171	4.787	4.131	6.917
2041	3.422	1.849	-1.865	-5.526	0.532	-1.508	3.430	5.270	1.557	-2.105	3.954	1.913	6.851
2042	-0.464	-0.289	-1.398	4.357	-0.858	2.257	-0.476	-0.753	-1.862	3.893	-1.321	1.793	-0.939
2043	1.210	0.613	0.017	-4.532	0.476	-1.641	1.216	1.823	1.227	-3.322	1.686	-0.431	2.426
2044	-0.474	-0.258	-0.198	4.354	-0.385	1.741	-0.483	-0.732	-0.673	3.879	-0.859	1.267	-0.958
2045	0.398	0.204	0.279	-4.401	0.249	-1.612	0.401	0.602	0.677	-4.003	0.647	-1.215	0.798
2046	0.724	0.355	-0.825	3.766	-0.116	1.733	0.720	1.079	-0.101	4.491	0.608	2.457	1.444
2047	0.659	0.310	-0.521	-5.558	0.018	-1.725	0.654	0.969	0.138	-4.899	0.676	-1.066	1.313
2048	0.459	0.246	-0.012	4.321	0.121	1.638	0.462	0.705	0.447	4.780	0.579	2.097	0.921
2049	-0.541	-0.303	0.108	-5.050	-0.250	-1.741	-0.551	-0.844	-0.433	-5.591	-0.791	-2.282	-1.092
2050	1.270	0.655	-0.292	4.091	0.336	1.682	1.277	1.925	0.978	5.360	1.606	2.952	2.547
2051	-0.530	-0.330	-1.066	-7.281	-0.696	-2.282	-0.542	-0.860	-1.596	-7.810	-1.225	-2.811	-1.072
2052	3.506	1.918	-2.342	1.569	0.327	1.632	3.516	5.424	1.165	5.076	3.833	5.139	7.022
2053	3.398	1.798	0.186	-4.992	1.417	-0.718	3.403	5.195	3.584	-1.594	4.815	2.680	6.801
2054	-0.241	-0.106	-4.218	0.861	-2.161	1.092	-0.248	-0.348	-4.459	0.620	-2.402	0.851	-0.490
2055	1.085	0.504	2.034	-2.023	1.466	-0.884	1.088	1.589	3.118	-0.938	2.551	0.201	2.173
2056	-0.456	-0.187	-2.706	1.955	-1.591	1.148	-0.462	-0.643	-3.162	1.499	-2.047	0.692	-0.918
2057	0.347	0.131	2.313	-1.814	1.354	-1.085	0.347	0.478	2.660	-1.467	1.701	-0.738	0.694
2058	0.797	0.454	-3.316	1.185	-1.357	1.315	0.797	1.251	-2.519	1.982	-0.560	2.112	1.594
2059	0.606	0.229	1.731	-2.711	1.285	-1.349	0.597	0.835	2.337	-2.106	1.891	-0.744	1.203
2060	0.512	0.335	-2.425	1.873	-1.126	1.420	0.520	0.848	-1.912	2.385	-0.613	1.932	1.032
2061	-0.644	-0.416	2.574	-2.137	1.159	-1.626	-0.658	-1.060	1.930	-2.781	0.515	-2.270	-1.302
2062	1.198	0.682	-2.596	1.677	-0.925	1.550	1.209	1.881	-1.398	2.876	0.274	2.748	2.408
2063	-0.385	-0.338	1.657	-3.710	1.175	-2.275	-0.402	-0.723	1.272	-4.095	0.790	-2.660	-0.786
2064	3.467	1.986	-5.612	-0.080	-0.759	1.566	3.482	5.452	-2.145	3.387	2.707	5.033	6.949
2065	-3.433	-1.769	-0.950	2.937	-0.983	-0.628	-3.432	-5.202	-4.383	-0.496	-4.416	-4.061	-6.865
2066	0.849	0.413	4.723	-0.164	1.389	0.764	0.848	1.262	5.571	0.684	2.238	1.612	1.697
2067	-1.437	-0.641	-3.959	0.869	-1.364	-0.645	-1.433	-2.078	-5.396	-0.568	-2.801	-2.082	-2.869
2068	0.688	0.244	4.762	-0.485	1.593	0.385	0.687	0.932	5.450	0.203	2.281	1.074	1.375
2069	0.878	0.534	-5.873	-1.551	-1.227	-0.721	0.884	1.413	-4.994	-0.673	-0.349	0.157	1.763
2070	-2.920	-1.653	9.454	3.160	2.169	0.307	-2.921	-4.573	6.534	0.240	-0.751	-2.613	-5.841

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2071	-2.827	-1.244	-2.897	2.900	-1.880	-0.012	-2.804	-4.070	-5.724	0.073	-4.707	-2.839	-5.630
2072	0.074	-0.242	6.812	-0.245	2.267	-0.147	0.058	-0.167	6.886	-0.171	2.341	-0.073	0.132
2073	-0.377	-0.115	-5.371	1.193	-1.935	0.144	-0.330	-0.492	-5.748	0.817	-2.312	-0.233	-0.707
2074	-2.677	-1.331	8.248	2.614	2.308	0.026	-2.667	-4.008	5.571	-0.063	-0.369	-2.651	-5.344
2075	1.272	0.739	-8.655	-0.771	-2.950	0.106	1.293	2.011	-7.383	0.502	-1.678	1.378	2.565
2076	-5.309	-2.773	7.437	4.343	1.248	-0.567	-5.266	-8.083	2.128	-0.966	-4.062	-5.876	-10.575
2077	-5.309	-2.773	-2.908	2.972	-0.479	-1.319	-5.266	-8.082	-8.217	-2.337	-5.788	-6.628	-10.575
2078	1.272	0.738	7.870	1.141	1.991	2.158	1.293	2.010	9.141	2.413	3.262	3.430	2.564
2079	-2.677	-1.331	-6.597	0.603	-1.631	-1.616	-2.667	-4.008	-9.274	-2.073	-4.307	-4.292	-5.343
2080	-0.377	-0.116	5.099	2.555	1.289	1.468	-0.330	-0.493	4.722	2.178	0.912	1.091	-0.707
2081	0.074	-0.242	-5.857	-1.919	-1.505	-1.705	0.058	-0.167	-5.783	-1.845	-1.431	-1.631	0.132
2082	-2.827	-1.244	4.659	5.007	1.344	1.316	-2.804	-4.071	1.832	2.180	-1.484	-1.511	-5.631
2083	-2.920	-1.653	-5.680	1.688	-1.756	-1.319	-2.921	-4.573	-8.600	-1.232	-4.676	-4.238	-5.841
2084	0.878	0.534	4.297	0.188	1.384	0.358	0.884	1.412	5.175	1.066	2.262	1.236	1.762
2085	0.688	0.244	-4.223	-2.036	-1.401	-0.854	0.687	0.932	-3.536	-1.348	-0.713	-0.166	1.375
2086	-1.436	-0.641	3.920	2.887	1.425	0.509	-1.432	-2.078	2.484	1.451	-0.012	-0.928	-2.869
2087	0.848	0.413	-4.396	-1.772	-1.522	-0.440	0.848	1.261	-3.547	-0.924	-0.674	0.408	1.696
2088	-3.433	-1.769	2.750	5.446	1.141	0.251	-3.432	-5.202	-0.683	2.013	-2.292	-3.181	-6.865
2089	-3.613	-1.995	-0.747	-0.890	0.144	-1.438	-3.622	-5.607	-4.360	-4.503	-3.469	-5.051	-7.235
2090	0.698	0.466	-0.598	4.990	-0.335	1.856	0.708	1.163	0.100	5.688	0.363	2.553	1.405
2091	-1.774	-0.980	-0.228	-3.634	0.184	-1.855	-1.783	-2.754	-2.002	-5.409	-1.590	-3.629	-3.557
2092	0.557	0.354	-0.369	4.489	-0.161	1.730	0.567	0.911	0.188	5.046	0.396	2.287	1.123
2093	-0.524	-0.337	-0.109	-4.466	0.082	-1.874	-0.530	-0.861	-0.634	-4.990	-0.442	-2.398	-1.054
2094	-0.602	-0.235	-0.404	5.567	-0.044	1.837	-0.594	-0.837	-1.006	4.965	-0.646	1.235	-1.196
2095	-0.743	-0.420	-0.211	-3.833	-0.030	-1.862	-0.742	-1.163	-0.954	-4.576	-0.773	-2.605	-1.485
2096	-0.382	-0.150	-0.318	5.151	0.067	1.889	-0.380	-0.532	-0.699	4.770	-0.314	1.507	-0.761
2097	0.421	0.178	-0.196	-4.503	-0.150	-1.789	0.424	0.598	0.225	-4.082	0.271	-1.369	0.844
2098	-1.614	-0.785	-0.460	6.177	0.171	1.939	-1.615	-2.399	-2.074	4.563	-1.443	0.325	-3.229
2099	0.552	0.284	-0.473	-4.395	-0.337	-1.911	0.555	0.836	0.079	-3.843	0.215	-1.359	1.107
2100	-3.329	-1.761	-0.998	6.711	0.144	1.536	-3.331	-5.090	-4.327	3.382	-3.185	-1.792	-6.659
2101	-3.485	-1.914	2.957	-3.111	1.131	-1.053	-3.492	-5.399	-0.528	-6.596	-2.354	-4.538	-6.976
2102	0.682	0.418	-4.574	4.587	-1.459	1.022	0.689	1.099	-3.893	5.268	-0.778	1.704	1.370
2103	-1.712	-0.905	4.017	-4.743	1.356	-1.203	-1.717	-2.616	2.305	-6.455	-0.355	-2.915	-3.428
2104	0.521	0.295	-4.133	4.140	-1.249	1.091	0.528	0.816	-3.612	4.661	-0.729	1.612	1.049
2105	-0.526	-0.287	4.278	-4.648	1.309	-1.290	-0.528	-0.813	3.752	-5.174	0.783	-1.816	-1.054
2106	-0.631	-0.296	-4.469	4.223	-1.246	1.260	-0.626	-0.928	-5.100	3.591	-1.877	0.629	-1.258
2107	-0.694	-0.341	4.269	-4.422	1.182	-1.334	-0.689	-1.034	3.575	-5.116	0.489	-2.028	-1.383
2108	-0.460	-0.238	-4.695	4.225	-1.193	1.387	-0.461	-0.698	-5.155	3.766	-1.653	0.927	-0.921
2109	0.460	0.251	4.193	-4.090	1.025	-1.337	0.466	0.711	4.653	-3.630	1.485	-0.877	0.926
2110	-1.635	-0.846	-4.810	3.960	-1.106	1.441	-1.639	-2.481	-6.445	2.325	-2.741	-0.194	-3.274
2111	0.620	0.375	4.647	-4.526	0.962	-1.545	0.626	0.995	5.266	-3.906	1.582	-0.925	1.246
2112	-3.369	-1.822	-3.247	2.870	-0.929	1.200	-3.374	-5.192	-6.617	-0.499	-4.299	-2.169	-6.744
2113	-3.414	-1.853	6.788	-0.941	1.430	0.094	-3.419	-5.266	3.375	-4.355	-1.983	-3.319	-6.832
2114	0.658	0.398	-4.453	-0.592	-1.686	-0.337	0.664	1.056	-3.795	0.066	-1.029	0.321	1.322
2115	-1.676	-0.872	6.130	-0.355	1.710	0.159	-1.680	-2.547	4.454	-2.031	0.035	-1.517	-3.355

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
2116	0.497	0.275	-4.521	-0.309	-1.581	-0.147	0.504	0.773	-4.024	0.188	-1.083	0.351	1.002
2117	-0.499	-0.261	5.294	-0.227	1.732	0.073	-0.500	-0.759	4.795	-0.725	1.233	-0.426	-0.998
2118	-0.650	-0.314	-3.923	-0.330	-1.680	-0.036	-0.645	-0.964	-4.573	-0.980	-2.330	-0.686	-1.295
2119	-0.677	-0.322	5.618	-0.338	1.668	-0.047	-0.672	-0.999	4.942	-1.015	0.991	-0.724	-1.349
2120	-0.453	-0.243	-4.526	-0.218	-1.704	0.084	-0.455	-0.696	-4.979	-0.671	-2.157	-0.369	-0.908
2121	0.505	0.284	4.517	-0.318	1.584	-0.165	0.512	0.789	5.022	0.187	2.090	0.341	1.018
2122	-1.701	-0.889	-3.719	-0.346	-1.735	0.189	-1.706	-2.591	-5.420	-2.048	-3.437	-1.513	-3.407
2123	0.661	0.405	4.986	-0.608	1.676	-0.356	0.668	1.065	5.647	0.053	2.337	0.305	1.328
2124	-3.409	-1.850	-1.177	-0.890	-1.406	0.170	-3.414	-5.259	-4.585	-4.298	-4.815	-3.239	-6.823
2125	-3.408	-1.850	5.885	2.851	0.877	1.112	-3.414	-5.258	2.477	-0.557	-2.531	-2.296	-6.822
2126	0.660	0.405	-1.979	-4.516	-0.932	-1.434	0.668	1.065	-1.319	-3.856	-0.272	-0.773	1.328
2127	-1.701	-0.889	3.677	4.014	1.095	1.359	-1.706	-2.590	1.976	2.313	-0.606	-0.342	-3.407
2128	0.505	0.284	-2.128	-4.101	-1.004	-1.236	0.512	0.789	-1.623	-3.596	-0.499	-0.731	1.017
2129	-0.453	-0.243	2.316	4.150	1.147	1.265	-0.455	-0.696	1.863	3.697	0.693	0.812	-0.908
2130	-0.677	-0.322	-1.132	-4.383	-1.147	-1.214	-0.672	-0.999	-1.809	-5.060	-1.824	-1.890	-1.348
2131	-0.650	-0.314	2.598	4.204	1.212	1.163	-0.645	-0.963	1.948	3.554	0.563	0.514	-1.295
2132	-0.499	-0.261	-1.566	-4.633	-1.275	-1.174	-0.500	-0.760	-2.065	-5.131	-1.774	-1.673	-0.999
2133	0.497	0.275	1.504	4.143	1.221	1.016	0.504	0.772	2.001	4.641	1.719	1.513	1.001
2134	-1.676	-0.872	-0.589	-4.754	-1.321	-1.099	-1.680	-2.547	-2.265	-6.430	-2.997	-2.774	-3.355
2135	0.658	0.398	1.741	4.603	1.432	0.957	0.664	1.056	2.398	5.260	2.089	1.615	1.322
2136	-3.413	-1.853	1.188	-3.198	-1.078	-0.945	-3.419	-5.266	-2.225	-6.612	-4.491	-4.358	-6.832
2137	-3.369	-1.822	3.147	6.787	-0.189	1.508	-3.374	-5.192	-0.222	3.417	-3.558	-1.862	-6.744
2138	0.620	0.375	-0.124	-4.456	0.412	-1.771	0.627	0.995	0.496	-3.836	1.032	-1.151	1.247
2139	-1.635	-0.846	1.336	6.142	-0.236	1.801	-1.639	-2.482	-0.299	4.507	-1.871	0.165	-3.274
2140	0.460	0.251	-0.287	-4.532	0.219	-1.668	0.467	0.712	0.173	-4.071	0.680	-1.208	0.927
2141	-0.460	-0.238	0.189	5.319	-0.136	1.824	-0.461	-0.698	-0.271	4.860	-0.596	1.364	-0.921
2142	-0.694	-0.341	0.787	-3.948	0.106	-1.778	-0.689	-1.034	0.093	-4.642	-0.588	-2.472	-1.383
2143	-0.632	-0.296	0.504	5.665	-0.011	1.771	-0.627	-0.928	-0.128	5.033	-0.643	1.139	-1.258
2144	-0.526	-0.287	0.491	-4.594	-0.013	-1.837	-0.528	-0.812	-0.035	-5.120	-0.538	-2.362	-1.053
2145	0.521	0.295	-0.555	4.527	0.111	1.655	0.528	0.816	-0.034	5.048	0.632	2.177	1.050
2146	-1.712	-0.905	1.673	-3.694	-0.107	-1.810	-1.717	-2.617	-0.039	-5.406	-1.819	-3.522	-3.429
2147	0.682	0.418	-0.380	5.016	0.309	1.757	0.689	1.099	0.301	5.698	0.991	2.438	1.371
2148	-3.485	-1.914	3.581	-1.188	-0.053	-1.547	-3.492	-5.399	0.096	-4.673	-3.538	-5.032	-6.976
2149	-3.329	-1.761	0.758	5.908	-1.187	0.988	-3.331	-5.090	-2.570	2.579	-4.516	-2.341	-6.659
2150	0.552	0.284	2.303	-1.975	1.590	-1.115	0.555	0.836	2.855	-1.423	2.142	-0.563	1.107
2151	-1.614	-0.784	-1.108	3.673	-1.491	1.252	-1.614	-2.398	-2.722	2.059	-3.105	-0.362	-3.228
2152	0.420	0.177	2.018	-2.124	1.370	-1.161	0.423	0.598	2.438	-1.704	1.790	-0.741	0.844
2153	-0.382	-0.150	-2.035	2.313	-1.382	1.289	-0.380	-0.532	-2.417	1.931	-1.764	0.907	-0.762
2154	-0.743	-0.420	3.096	-1.135	1.336	-1.297	-0.742	-1.163	2.353	-1.878	0.594	-2.039	-1.485
2155	-0.602	-0.235	-1.577	2.599	-1.267	1.330	-0.594	-0.837	-2.179	1.997	-1.869	0.728	-1.196
2156	-0.524	-0.337	2.786	-1.569	1.267	-1.383	-0.530	-0.862	2.262	-2.093	0.742	-1.907	-1.054
2157	0.557	0.354	-2.512	1.511	-1.109	1.336	0.567	0.911	-1.955	2.067	-0.552	1.893	1.123
2158	-1.774	-0.980	4.081	-0.570	1.181	-1.441	-1.783	-2.754	2.307	-2.344	-0.593	-3.216	-3.557
2159	0.697	0.465	-2.395	1.769	-1.074	1.548	0.707	1.163	-1.698	2.466	-0.376	2.245	1.404
2160	-3.613	-1.995	6.264	1.365	0.917	-1.119	-3.622	-5.607	2.651	-2.247	-2.695	-4.731	-7.235

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2161	0.721	0.383	2.634	0.825	0.377	0.887	0.727	1.104	3.355	1.545	1.098	1.608	1.447
2162	-0.395	-0.193	-6.690	-1.719	-1.216	-1.499	-0.402	-0.588	-7.085	-2.114	-1.611	-1.895	-0.797
2163	-0.083	-0.081	4.977	1.650	0.754	1.096	-0.080	-0.164	4.894	1.567	0.671	1.013	-0.163
2164	-0.970	-0.457	-4.527	0.244	-1.244	-0.790	-0.976	-1.427	-5.496	-0.726	-2.213	-1.759	-1.946
2165	-0.454	-0.231	4.492	1.438	0.824	0.788	-0.453	-0.686	4.038	0.984	0.369	0.333	-0.907
2166	0.869	0.492	-6.058	-0.747	-1.844	-0.168	0.862	1.361	-5.189	0.122	-0.975	0.701	1.731
2167	0.960	0.485	3.789	-0.780	1.793	0.089	0.953	1.445	4.749	0.180	2.752	1.049	1.913
2168	0.081	0.170	-5.012	0.330	-2.004	0.322	0.081	0.252	-4.931	0.411	-1.923	0.403	0.162
2169	-1.713	-0.715	6.289	1.859	2.549	0.003	-1.705	-2.428	4.576	0.146	0.837	-1.710	-3.417
2170	1.329	0.747	-3.706	0.369	-0.700	1.094	1.334	2.076	-2.377	1.698	0.629	2.423	2.663
2171	-1.871	-0.951	3.864	0.053	1.128	-1.375	-1.872	-2.822	1.992	-1.818	-0.743	-3.246	-3.743
2172	1.649	0.909	-2.772	-0.948	-0.598	0.643	1.666	2.558	-1.123	0.700	1.051	2.292	3.315
2173	1.649	0.909	0.233	1.627	-0.040	0.852	1.666	2.558	1.882	3.276	1.609	2.501	3.315
2174	-1.871	-0.951	-1.802	-2.333	0.176	-1.781	-1.872	-2.822	-3.674	-4.204	-1.696	-3.652	-3.744
2175	1.329	0.747	1.016	1.839	-0.287	1.269	1.334	2.076	2.345	3.168	1.042	2.598	2.663
2176	-1.713	-0.715	-5.808	-1.468	-1.777	-1.801	-1.704	-2.427	-7.521	-3.181	-3.490	-3.514	-3.417
2177	0.081	0.171	4.402	2.449	1.179	1.645	0.081	0.252	4.483	2.530	1.260	1.726	0.162
2178	0.960	0.485	-4.142	-3.503	-1.319	-1.201	0.953	1.445	-3.182	-2.544	-0.359	-0.242	1.913
2179	0.869	0.492	4.553	1.445	1.423	1.186	0.862	1.361	5.422	2.314	2.292	2.056	1.731
2180	-0.454	-0.231	-3.442	-0.838	-1.140	-0.026	-0.452	-0.685	-3.896	-1.292	-1.594	-0.480	-0.907
2181	-0.970	-0.457	4.442	2.748	1.441	0.323	-0.976	-1.427	3.473	1.778	0.471	-0.647	-1.946
2182	-0.083	-0.081	-3.722	-0.741	-1.312	0.240	-0.080	-0.164	-3.804	-0.824	-1.395	0.157	-0.163
2183	-0.395	-0.193	5.730	1.271	1.921	-0.201	-0.402	-0.588	5.335	0.875	1.526	-0.597	-0.798
2184	0.721	0.383	-2.015	-2.592	-0.897	0.358	0.726	1.103	-1.294	-1.871	-0.177	1.079	1.447
2185	0.977	0.621	0.806	2.893	-0.353	0.890	0.991	1.598	1.783	3.870	0.623	1.867	1.968
2186	-0.371	-0.336	1.156	-7.386	0.757	-2.046	-0.389	-0.707	0.784	-7.757	0.386	-2.418	-0.761
2187	0.166	0.146	-0.345	5.376	-0.491	1.453	0.178	0.312	-0.179	5.542	-0.325	1.619	0.344
2188	-0.780	-0.504	0.428	-5.045	0.289	-1.733	-0.797	-1.284	-0.353	-5.826	-0.492	-2.514	-1.577
2189	-0.217	-0.055	-0.214	5.417	-0.265	1.528	-0.209	-0.272	-0.431	5.200	-0.483	1.311	-0.426
2190	-0.333	-0.264	0.154	-4.526	-0.025	-1.628	-0.345	-0.597	-0.179	-4.859	-0.358	-1.962	-0.678
2191	-0.140	-0.031	-0.062	5.124	-0.027	1.632	-0.143	-0.170	-0.201	4.984	-0.167	1.493	-0.282
2192	-0.398	-0.272	0.000	-3.667	-0.263	-1.523	-0.398	-0.670	-0.398	-4.065	-0.661	-1.921	-0.796
2193	-0.585	-0.257	0.193	5.206	0.282	1.724	-0.593	-0.842	-0.392	4.621	-0.303	1.139	-1.178
2194	-0.009	-0.066	-0.109	-3.351	-0.485	-1.464	-0.005	-0.075	-0.118	-3.360	-0.494	-1.473	-0.014
2195	-0.162	-0.047	0.856	4.598	0.737	2.040	-0.169	-0.209	0.695	4.436	0.576	1.879	-0.330
2196	0.698	0.346	1.166	-3.119	-0.336	-0.908	0.703	1.043	1.864	-2.421	0.361	-0.210	1.400
2197	0.842	0.485	-2.191	2.133	-0.897	0.616	0.851	1.327	-1.349	2.975	-0.055	1.458	1.693
2198	-0.344	-0.231	6.027	-4.364	1.857	-0.940	-0.357	-0.575	5.683	-4.708	1.513	-1.284	-0.701
2199	0.100	0.057	-3.979	3.104	-1.286	0.712	0.108	0.157	-3.879	3.203	-1.186	0.812	0.208
2200	-0.726	-0.409	4.554	-4.008	1.314	-1.018	-0.738	-1.135	3.828	-4.734	0.589	-1.743	-1.464
2201	-0.247	-0.126	-4.058	3.561	-1.191	0.919	-0.242	-0.372	-4.305	3.314	-1.437	0.672	-0.488
2202	-0.271	-0.177	4.014	-4.043	1.039	-1.166	-0.279	-0.448	3.743	-4.314	0.767	-1.438	-0.551
2203	-0.185	-0.112	-4.113	3.946	-1.072	1.141	-0.192	-0.297	-4.299	3.761	-1.257	0.956	-0.377
2204	-0.330	-0.189	3.627	-3.990	0.814	-1.276	-0.326	-0.519	3.297	-4.320	0.484	-1.606	-0.656
2205	-0.636	-0.342	-4.082	4.487	-0.915	1.421	-0.647	-0.978	-4.718	3.851	-1.551	0.785	-1.283

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2206	0.015	-0.009	3.174	-3.913	0.604	-1.367	0.022	0.006	3.189	-3.898	0.619	-1.352	0.037
2207	-0.244	-0.156	-4.438	5.952	-0.811	1.977	-0.255	-0.399	-4.682	5.708	-1.054	1.734	-0.498
2208	0.714	0.379	2.246	-2.090	0.437	-0.956	0.720	1.093	2.959	-1.377	1.151	-0.242	1.434
2209	0.761	0.413	-3.225	1.151	-0.914	-0.275	0.768	1.174	-2.464	1.912	-0.153	0.487	1.530
2210	-0.305	-0.197	4.730	0.983	1.845	0.718	-0.317	-0.502	4.425	0.678	1.539	0.413	-0.622
2211	0.061	0.022	-3.354	-0.187	-1.305	-0.460	0.068	0.083	-3.292	-0.126	-1.244	-0.399	0.130
2212	-0.690	-0.379	5.277	0.303	1.540	0.262	-0.702	-1.070	4.587	-0.388	0.850	-0.429	-1.393
2213	-0.284	-0.159	-3.790	-0.081	-1.384	-0.247	-0.280	-0.443	-4.074	-0.365	-1.668	-0.531	-0.564
2214	-0.240	-0.149	5.205	0.054	1.457	-0.044	-0.247	-0.389	4.965	-0.186	1.217	-0.284	-0.487
2215	-0.227	-0.146	-4.622	0.067	-1.458	-0.007	-0.235	-0.374	-4.849	-0.161	-1.685	-0.234	-0.462
2216	-0.312	-0.170	5.515	-0.093	1.371	-0.282	-0.308	-0.482	5.203	-0.405	1.059	-0.594	-0.620
2217	-0.683	-0.380	-5.144	0.315	-1.544	0.300	-0.695	-1.063	-5.827	-0.368	-2.227	-0.383	-1.378
2218	0.070	0.029	5.505	-0.197	1.326	-0.501	0.077	0.099	5.575	-0.127	1.396	-0.431	0.147
2219	-0.278	-0.188	-7.524	0.993	-1.837	0.756	-0.290	-0.466	-7.802	0.715	-2.115	0.478	-0.568
2220	0.725	0.392	3.334	1.118	0.901	-0.364	0.732	1.117	4.059	1.843	1.626	0.361	1.457
2221	0.725	0.392	-2.948	-2.066	-0.386	-0.894	0.732	1.117	-2.222	-1.341	0.339	-0.169	1.458
2222	-0.278	-0.188	1.674	5.930	0.766	1.832	-0.290	-0.466	1.395	5.652	0.488	1.554	-0.568
2223	0.070	0.029	-1.310	-3.958	-0.588	-1.293	0.077	0.099	-1.241	-3.888	-0.518	-1.223	0.147
2224	-0.683	-0.379	2.724	4.497	0.884	1.305	-0.695	-1.062	2.041	3.814	0.201	0.622	-1.378
2225	-0.312	-0.170	-1.343	-3.961	-0.774	-1.170	-0.308	-0.482	-1.655	-4.273	-1.086	-1.482	-0.620
2226	-0.228	-0.146	2.727	3.950	1.039	1.028	-0.235	-0.374	2.499	3.722	0.812	0.800	-0.463
2227	-0.240	-0.149	-1.885	-4.037	-0.996	-1.060	-0.247	-0.389	-2.125	-4.277	-1.236	-1.300	-0.487
2228	-0.284	-0.159	3.057	3.559	1.151	0.803	-0.280	-0.443	2.773	3.275	0.867	0.519	-0.564
2229	-0.690	-0.379	-2.181	-4.005	-1.270	-0.903	-0.702	-1.070	-2.871	-4.695	-1.961	-1.594	-1.393
2230	0.061	0.022	3.105	3.107	1.244	0.596	0.068	0.083	3.167	3.168	1.306	0.658	0.129
2231	-0.305	-0.197	-4.097	-4.351	-1.811	-0.798	-0.317	-0.502	-4.402	-4.656	-2.116	-1.103	-0.622
2232	0.761	0.413	2.376	2.185	0.837	0.449	0.768	1.174	3.137	2.946	1.598	1.211	1.530
2233	0.714	0.379	0.505	-3.225	0.362	-0.989	0.720	1.093	1.219	-2.511	1.076	-0.275	1.434
2234	-0.243	-0.156	-1.452	4.740	-0.822	1.971	-0.255	-0.399	-1.695	4.497	-1.065	1.728	-0.498
2235	0.015	-0.009	1.184	-3.363	0.535	-1.396	0.022	0.006	1.200	-3.348	0.551	-1.380	0.037
2236	-0.636	-0.342	0.111	5.288	-0.353	1.653	-0.647	-0.978	-0.525	4.652	-0.989	1.017	-1.283
2237	-0.330	-0.189	1.095	-3.801	0.323	-1.479	-0.326	-0.519	0.766	-4.131	-0.007	-1.809	-0.656
2238	-0.185	-0.112	0.296	5.216	-0.046	1.566	-0.192	-0.297	0.110	5.031	-0.231	1.381	-0.377
2239	-0.271	-0.177	0.661	-4.630	0.094	-1.558	-0.279	-0.448	0.390	-4.901	-0.177	-1.829	-0.550
2240	-0.247	-0.126	0.740	5.542	0.189	1.490	-0.242	-0.373	0.493	5.295	-0.057	1.244	-0.489
2241	-0.726	-0.409	0.496	-5.149	-0.205	-1.648	-0.738	-1.135	-0.230	-5.875	-0.931	-2.373	-1.464
2242	0.100	0.057	0.821	5.478	0.402	1.412	0.108	0.157	0.921	5.578	0.501	1.511	0.208
2243	-0.344	-0.231	-1.004	-7.561	-0.646	-1.979	-0.357	-0.575	-1.348	-7.904	-0.990	-2.323	-0.700
2244	0.842	0.485	-0.015	3.323	0.194	1.071	0.851	1.327	0.827	4.166	1.036	1.913	1.694
2245	0.698	0.345	2.629	-2.954	0.876	-0.408	0.702	1.043	3.326	-2.256	1.573	0.290	1.400
2246	-0.162	-0.047	-4.742	1.626	-1.962	0.925	-0.169	-0.209	-4.903	1.464	-2.124	0.763	-0.331
2247	-0.009	-0.066	3.553	-1.283	1.373	-0.695	-0.005	-0.075	3.544	-1.292	1.364	-0.704	-0.014
2248	-0.585	-0.257	-2.748	2.691	-1.414	1.023	-0.593	-0.842	-3.333	2.106	-1.999	0.438	-1.178
2249	-0.398	-0.272	3.532	-1.314	1.259	-0.893	-0.398	-0.670	3.134	-1.713	0.861	-1.291	-0.796
2250	-0.140	-0.031	-2.429	2.703	-1.131	1.176	-0.143	-0.171	-2.569	2.563	-1.271	1.036	-0.283

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2296	1.187	0.660	-3.893	4.083	-1.087	1.001	1.195	1.847	-2.706	5.270	0.100	2.188	2.382
2297	-0.312	-0.179	4.102	-4.280	1.166	-1.065	-0.313	-0.491	3.790	-4.592	0.854	-1.377	-0.625
2298	0.256	0.167	-4.139	4.170	-1.047	1.154	0.264	0.423	-3.882	4.426	-0.790	1.410	0.520
2299	0.181	0.110	4.234	-4.076	1.079	-1.130	0.188	0.291	4.415	-3.895	1.260	-0.948	0.370
2300	-0.233	-0.118	-4.351	4.037	-0.986	1.249	-0.233	-0.351	-4.584	3.803	-1.220	1.015	-0.467
2301	1.116	0.605	4.150	-3.840	0.940	-1.175	1.123	1.721	5.266	-2.724	2.056	-0.059	2.239
2302	-1.270	-0.668	-4.539	3.698	-0.892	1.282	-1.273	-1.937	-5.809	2.428	-2.162	0.013	-2.542
2303	1.358	0.755	4.487	-4.161	0.853	-1.362	1.363	2.113	5.846	-2.803	2.211	-0.004	2.721
2304	-1.386	-0.741	-4.274	2.093	-0.849	0.859	-1.389	-2.127	-5.660	0.707	-2.235	-0.526	-2.775
2305	-1.443	-0.783	5.761	-1.458	1.143	-0.105	-1.447	-2.226	4.318	-2.901	-0.300	-1.547	-2.890
2306	1.410	0.791	-5.615	-0.387	-1.470	-0.274	1.416	2.201	-4.205	1.023	-0.059	1.136	2.826
2307	-1.324	-0.705	5.704	-0.230	1.444	0.186	-1.327	-2.029	4.380	-1.554	0.120	-1.138	-2.651
2308	1.165	0.639	-5.591	-0.135	-1.402	-0.090	1.172	1.803	-4.427	1.030	-0.237	1.075	2.336
2309	-0.282	-0.151	4.924	-0.053	1.488	0.111	-0.282	-0.433	4.642	-0.335	1.206	-0.171	-0.564
2310	0.234	0.145	-5.180	-0.052	-1.465	0.037	0.241	0.379	-4.947	0.182	-1.232	0.271	0.474
2311	0.214	0.138	4.621	-0.064	1.467	0.012	0.222	0.353	4.835	0.150	1.681	0.226	0.436
2312	-0.261	-0.143	-4.977	-0.040	-1.482	0.139	-0.262	-0.403	-5.238	-0.301	-1.743	-0.121	-0.522
2313	1.166	0.643	3.795	-0.146	1.413	-0.116	1.174	1.809	4.962	1.020	2.579	1.050	2.340
2314	-1.350	-0.721	-4.171	-0.217	-1.475	0.230	-1.354	-2.071	-5.522	-1.568	-2.826	-1.120	-2.704
2315	1.404	0.790	4.211	-0.398	1.471	-0.303	1.410	2.194	5.615	1.006	2.874	1.101	2.813
2316	-1.411	-0.762	-2.837	-1.435	-1.121	-0.019	-1.415	-2.173	-4.248	-2.845	-2.532	-1.430	-2.826
2317	-1.411	-0.762	4.645	2.071	0.812	0.777	-1.415	-2.173	3.234	0.660	-0.599	-0.635	-2.826
2318	1.404	0.790	-3.283	-4.164	-0.823	-1.250	1.410	2.194	-1.879	-2.760	0.581	0.154	2.813
2319	-1.350	-0.721	3.556	3.770	0.881	1.204	-1.354	-2.071	2.206	2.420	-0.469	-0.146	-2.704
2320	1.166	0.643	-3.233	-3.861	-0.917	-1.080	1.174	1.809	-2.067	-2.695	0.250	0.086	2.340
2321	-0.261	-0.143	2.263	4.020	0.949	1.145	-0.262	-0.404	2.002	3.759	0.688	0.885	-0.522
2322	0.214	0.139	-2.478	-4.073	-1.048	-1.031	0.222	0.353	-2.263	-3.858	-0.834	-0.817	0.436
2323	0.234	0.145	1.671	4.156	1.007	1.062	0.241	0.379	1.905	4.390	1.240	1.296	0.475
2324	-0.282	-0.151	-2.014	-4.283	-1.131	-0.976	-0.282	-0.432	-2.295	-4.564	-1.413	-1.258	-0.564
2325	1.165	0.639	0.794	4.084	1.055	0.931	1.172	1.804	1.959	5.249	2.220	2.096	2.337
2326	-1.324	-0.705	-1.036	-4.471	-1.154	-0.892	-1.327	-2.029	-2.360	-5.795	-2.477	-2.216	-2.651
2327	1.410	0.791	1.035	4.424	1.236	0.850	1.416	2.201	2.446	5.834	2.647	2.260	2.826
2328	-1.443	-0.783	-0.567	-4.222	-0.732	-0.881	-1.447	-2.226	-2.010	-5.665	-2.175	-2.324	-2.890
2329	-1.385	-0.741	1.637	5.741	-0.002	1.212	-1.389	-2.127	0.252	4.356	-1.387	-0.173	-2.774
2330	1.358	0.754	-1.106	-5.615	0.362	-1.563	1.363	2.112	0.252	-4.257	1.720	-0.205	2.721
2331	-1.270	-0.668	1.127	5.705	-0.275	1.536	-1.273	-1.937	-0.143	4.435	-1.545	0.266	-2.543
2332	1.116	0.605	-1.173	-5.599	0.166	-1.493	1.122	1.721	-0.057	-4.483	1.282	-0.377	2.238
2333	-0.233	-0.118	-0.024	4.934	-0.186	1.578	-0.233	-0.351	-0.258	4.701	-0.419	1.345	-0.467
2334	0.181	0.110	-0.303	-5.199	0.033	-1.561	0.188	0.291	-0.122	-5.017	0.214	-1.380	0.369
2335	0.256	0.167	-0.614	4.636	-0.079	1.553	0.264	0.423	-0.358	4.892	0.177	1.809	0.520
2336	-0.312	-0.179	0.300	-4.998	-0.072	-1.578	-0.313	-0.491	-0.012	-5.309	-0.383	-1.889	-0.625
2337	1.187	0.660	-1.467	3.792	0.060	1.477	1.195	1.847	-0.280	4.979	1.247	2.664	2.382
2338	-1.356	-0.737	1.475	-4.121	-0.160	-1.525	-1.361	-2.093	0.119	-5.477	-1.516	-2.881	-2.717
2339	1.431	0.811	-1.411	4.223	0.252	1.542	1.437	2.242	0.020	5.654	1.684	2.973	2.868
2340	-1.496	-0.840	2.088	-2.824	0.127	-1.240	-1.502	-2.336	0.592	-4.320	-1.369	-2.736	-2.998

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON		
											CASE11	CASE12	CASE13
2341	-1.355	-0.693	-0.953	4.644	-0.820	0.882	-1.356	-2.048	-2.308	3.289	-2.175	-0.473	-2.711
2342	1.313	0.681	1.536	-3.249	1.360	-0.948	1.315	1.994	2.849	-1.936	2.673	0.365	2.628
2343	-1.265	-0.619	-1.517	3.530	-1.300	0.998	-1.265	-1.884	-2.782	2.266	-2.565	-0.267	-2.530
2344	1.091	0.546	1.235	-3.202	1.166	-1.020	1.094	1.636	2.325	-2.111	2.257	0.070	2.185
2345	-0.182	-0.048	-2.447	2.231	-1.228	1.053	-0.179	-0.230	-2.629	2.049	-1.410	0.871	-0.361
2346	0.147	0.049	2.078	-2.442	1.094	-1.134	0.151	0.196	2.225	-2.295	1.242	-0.987	0.298
2347	0.306	0.234	-2.876	1.634	-1.133	1.093	0.317	0.540	-2.570	1.940	-0.827	1.400	0.623
2348	-0.348	-0.234	2.623	-1.966	1.021	-1.192	-0.352	-0.582	2.275	-2.314	0.673	-1.541	-0.701
2349	1.242	0.725	-3.582	0.759	-0.988	1.135	1.252	1.966	-2.341	2.001	0.253	2.377	2.493
2350	-1.451	-0.811	3.859	-0.960	0.934	-1.217	-1.457	-2.261	2.408	-2.411	-0.517	-2.667	-2.908
2351	1.472	0.871	-3.637	1.000	-0.891	1.298	1.480	2.343	-2.165	2.472	0.581	2.770	2.952
2352	-1.593	-0.902	4.934	-0.370	0.814	-0.673	-1.600	-2.495	3.341	-1.963	-0.779	-2.267	-3.193
2353	-1.079	-0.546	3.793	2.303	0.201	0.738	-1.071	-1.625	2.713	1.224	-0.878	-0.342	-2.150
2354	-0.187	-0.105	-6.503	-1.692	-0.996	-1.401	-0.195	-0.292	-6.690	-1.879	-1.183	-1.588	-0.382
2355	-0.500	-0.260	5.331	1.886	0.671	1.078	-0.492	-0.760	4.831	1.386	0.171	0.578	-0.992
2356	-0.800	-0.395	-4.541	0.154	-1.081	-0.779	-0.813	-1.196	-5.342	-0.646	-1.881	-1.580	-1.614
2357	-0.608	-0.295	5.122	1.501	0.941	0.737	-0.601	-0.903	4.515	0.893	0.333	0.129	-1.209
2358	-0.273	-0.117	-4.147	0.456	-1.304	-0.175	-0.287	-0.390	-4.421	0.182	-1.578	-0.448	-0.560
2359	-0.241	-0.111	4.914	0.793	1.443	0.226	-0.249	-0.352	4.673	0.551	1.201	-0.015	-0.491
2360	-0.485	-0.169	-3.980	0.976	-1.541	0.301	-0.478	-0.654	-4.465	0.491	-2.026	-0.184	-0.963
2361	-1.008	-0.468	5.738	0.948	1.729	-0.147	-1.016	-1.476	4.730	-0.060	0.721	-1.155	-2.024
2362	0.019	0.030	-3.116	1.075	-1.007	0.687	0.023	0.049	-3.097	1.094	-0.988	0.706	0.042
2363	-0.922	-0.434	4.619	-0.326	1.327	-0.828	-0.913	-1.356	3.696	-1.248	0.405	-1.751	-1.836
2364	-0.640	-0.313	-1.774	1.446	-0.409	0.399	-0.633	-0.953	-2.414	0.806	-1.049	-0.241	-1.274
2365	-0.640	-0.313	1.849	3.678	-0.007	0.565	-0.633	-0.953	1.209	3.038	-0.647	-0.075	-1.273
2366	-0.922	-0.433	-3.534	-3.418	-0.347	-1.526	-0.913	-1.356	-4.456	-4.340	-1.269	-2.448	-1.835
2367	0.019	0.030	2.407	3.217	0.217	1.195	0.023	0.049	2.426	3.236	0.236	1.214	0.042
2368	-1.008	-0.468	-4.631	-2.108	-1.109	-1.324	-1.016	-1.476	-5.639	-3.117	-2.118	-2.333	-2.024
2369	-0.485	-0.169	3.788	3.499	0.872	1.300	-0.478	-0.654	3.303	3.014	0.387	0.815	-0.963
2370	-0.241	-0.111	-4.059	-2.152	-1.166	-0.855	-0.249	-0.352	-4.300	-2.394	-1.407	-1.096	-0.491
2371	-0.273	-0.116	3.726	3.082	1.054	0.803	-0.287	-0.390	3.453	2.809	0.780	0.530	-0.560
2372	-0.608	-0.295	-3.668	-1.226	-1.188	-0.146	-0.601	-0.903	-4.276	-1.834	-1.796	-0.754	-1.209
2373	-0.800	-0.395	4.207	3.214	1.323	0.218	-0.813	-1.195	3.407	2.414	0.523	-0.583	-1.613
2374	-0.500	-0.261	-3.496	-0.907	-1.243	0.285	-0.492	-0.761	-3.996	-1.407	-1.743	-0.215	-0.993
2375	-0.186	-0.105	5.105	2.053	1.697	-0.286	-0.195	-0.291	4.919	1.867	1.511	-0.473	-0.381
2376	-1.079	-0.546	-1.161	-1.813	-0.672	0.373	-1.071	-1.626	-2.240	-2.892	-1.751	-0.706	-2.150
2377	-0.898	-0.401	1.522	4.297	-0.210	0.554	-0.885	-1.299	0.624	3.399	-1.108	-0.344	-1.783
2378	-0.221	-0.237	0.717	-7.224	0.686	-1.582	-0.237	-0.457	0.496	-7.444	0.466	-1.803	-0.458
2379	-0.440	-0.179	-0.273	6.079	-0.507	1.185	-0.427	-0.619	-0.714	5.639	-0.947	0.744	-0.868
2380	-0.871	-0.554	0.175	-4.926	0.265	-1.491	-0.891	-1.425	-0.696	-5.797	-0.606	-2.362	-1.762
2381	-0.495	-0.206	-0.308	5.889	-0.294	1.302	-0.485	-0.701	-0.803	5.394	-0.789	0.806	-0.980
2382	-0.880	-0.547	-0.075	-3.901	-0.064	-1.420	-0.897	-1.427	-0.956	-4.782	-0.944	-2.301	-1.778
2383	-0.691	-0.320	-0.325	5.997	-0.062	1.412	-0.700	-1.011	-1.016	5.306	-0.753	0.721	-1.391
2384	-0.677	-0.417	-0.074	-3.335	-0.299	-1.333	-0.674	-1.094	-0.751	-4.011	-0.976	-2.009	-1.351
2385	-0.673	-0.309	-0.121	5.674	0.260	1.505	-0.683	-0.982	-0.793	5.001	-0.413	0.832	-1.356

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2386	-0.628	-0.385	-0.032	-2.758	-0.514	-1.246	-0.622	-1.013	-0.660	-3.386	-1.142	-1.874	-1.251
2387	0.024	0.053	0.316	4.682	0.668	1.660	0.018	0.077	0.340	4.706	0.691	1.683	0.041
2388	-1.146	-0.640	1.861	-1.828	-0.226	-0.648	-1.140	-1.786	0.716	-2.973	-1.372	-1.794	-2.285
2389	-1.011	-0.504	-1.277	2.575	-0.652	0.533	-1.000	-1.515	-2.287	1.565	-1.662	-0.478	-2.011
2390	-0.145	-0.126	5.196	-3.937	1.578	-0.784	-0.157	-0.271	5.051	-4.082	1.433	-0.929	-0.301
2391	-0.513	-0.256	-3.668	2.898	-1.174	0.556	-0.503	-0.769	-4.181	2.385	-1.688	0.043	-1.017
2392	-0.822	-0.467	4.223	-3.876	1.189	-0.941	-0.838	-1.288	3.401	-4.698	0.367	-1.763	-1.659
2393	-0.530	-0.269	-3.855	3.268	-1.100	0.776	-0.522	-0.799	-4.384	2.739	-1.630	0.246	-1.052
2394	-0.830	-0.467	3.710	-3.945	0.907	-1.098	-0.843	-1.297	2.880	-4.775	0.077	-1.927	-1.673
2395	-0.729	-0.388	-4.032	3.625	-0.996	1.009	-0.741	-1.117	-4.761	2.897	-1.725	0.280	-1.469
2396	-0.627	-0.345	3.355	-3.773	0.678	-1.194	-0.621	-0.972	2.728	-4.400	0.051	-1.821	-1.248
2397	-0.713	-0.381	-3.972	4.138	-0.830	1.300	-0.727	-1.094	-4.685	3.425	-1.543	0.587	-1.439
2398	-0.614	-0.337	2.994	-3.586	0.458	-1.265	-0.606	-0.950	2.380	-4.200	-0.156	-1.879	-1.219
2399	-0.013	-0.021	-4.057	5.102	-0.649	1.705	-0.023	-0.035	-4.070	5.088	-0.663	1.692	-0.036
2400	-1.154	-0.629	2.701	-1.148	0.352	-0.713	-1.147	-1.783	1.547	-2.303	-0.802	-1.867	-2.302
2401	-1.098	-0.587	-1.911	1.854	-0.688	-0.149	-1.090	-1.685	-3.009	0.756	-1.787	-1.247	-2.188
2402	-0.089	-0.076	4.768	0.438	1.534	0.623	-0.099	-0.165	4.679	0.349	1.445	0.534	-0.188
2403	-0.558	-0.296	-2.771	-0.116	-1.127	-0.475	-0.549	-0.854	-3.329	-0.674	-1.685	-1.033	-1.107
2404	-0.777	-0.428	5.768	-0.013	1.392	0.227	-0.792	-1.205	4.991	-0.790	0.614	-0.551	-1.570
2405	-0.571	-0.306	-3.443	-0.173	-1.227	-0.272	-0.565	-0.877	-4.014	-0.744	-1.798	-0.843	-1.136
2406	-0.792	-0.434	6.097	-0.214	1.310	-0.090	-0.805	-1.226	5.305	-1.006	0.518	-0.882	-1.597
2407	-0.770	-0.424	-4.023	-0.200	-1.307	-0.041	-0.783	-1.194	-4.792	-0.970	-2.077	-0.811	-1.553
2408	-0.593	-0.316	5.996	-0.186	1.218	-0.321	-0.587	-0.909	5.402	-0.779	0.625	-0.914	-1.180
2409	-0.757	-0.419	-5.069	0.000	-1.390	0.279	-0.772	-1.177	-5.826	-0.757	-2.147	-0.478	-1.530
2410	-0.553	-0.294	6.224	-0.128	1.143	-0.533	-0.544	-0.847	5.671	-0.681	0.590	-1.086	-1.097
2411	-0.072	-0.068	-7.458	0.454	-1.541	0.689	-0.083	-0.140	-7.530	0.382	-1.613	0.617	-0.155
2412	-1.139	-0.616	4.709	1.832	0.682	-0.261	-1.132	-1.755	3.570	0.693	-0.458	-1.400	-2.272
2413	-1.140	-0.616	-1.983	-1.141	-0.311	-0.669	-1.132	-1.755	-3.122	-2.281	-1.450	-1.808	-2.272
2414	-0.072	-0.068	2.318	5.120	0.606	1.576	-0.082	-0.140	2.247	5.048	0.535	1.505	-0.154
2415	-0.553	-0.294	-1.116	-3.634	-0.439	-1.187	-0.544	-0.847	-1.669	-4.187	-0.992	-1.740	-1.097
2416	-0.757	-0.419	3.427	4.143	0.794	1.184	-0.772	-1.177	2.670	3.386	0.037	0.427	-1.530
2417	-0.593	-0.316	-1.397	-3.765	-0.639	-1.090	-0.587	-0.909	-1.990	-4.358	-1.233	-1.683	-1.180
2418	-0.770	-0.424	3.831	3.630	0.962	0.901	-0.783	-1.194	3.061	2.860	0.192	0.131	-1.553
2419	-0.792	-0.434	-1.505	-3.941	-0.854	-0.985	-0.805	-1.226	-2.297	-4.733	-1.646	-1.777	-1.597
2420	-0.571	-0.306	3.668	3.278	1.056	0.674	-0.565	-0.877	3.096	2.707	0.485	0.103	-1.136
2421	-0.777	-0.428	-2.332	-3.878	-1.136	-0.820	-0.792	-1.205	-3.109	-4.655	-1.913	-1.598	-1.569
2422	-0.558	-0.296	3.975	2.917	1.127	0.458	-0.549	-0.854	3.417	2.359	0.569	-0.100	-1.107
2423	-0.089	-0.076	-4.529	-3.951	-1.522	-0.645	-0.099	-0.164	-4.617	-4.039	-1.611	-0.733	-0.188
2424	-1.098	-0.587	4.262	2.632	0.583	0.374	-1.090	-1.685	3.164	1.534	-0.515	-0.724	-2.188
2425	-1.154	-0.629	2.096	-1.897	0.244	-0.762	-1.147	-1.783	0.942	-3.051	-0.910	-1.916	-2.302
2426	-0.014	-0.022	-1.466	4.766	-0.742	1.666	-0.023	-0.035	-1.480	4.752	-0.756	1.652	-0.037
2427	-0.614	-0.337	1.695	-2.766	0.563	-1.222	-0.606	-0.950	1.081	-3.380	-0.050	-1.835	-1.219
2428	-0.713	-0.382	0.316	5.771	-0.324	1.509	-0.727	-1.094	-0.397	5.058	-1.036	0.796	-1.439
2429	-0.627	-0.345	1.346	-3.439	0.360	-1.325	-0.621	-0.972	0.720	-4.065	-0.266	-1.952	-1.248
2430	-0.728	-0.388	0.985	6.101	-0.001	1.421	-0.741	-1.117	0.256	5.372	-0.729	0.693	-1.469

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2431	-0.829	-0.467	1.393	-4.018	0.143	-1.413	-0.843	-1.297	0.563	-4.848	-0.686	-2.243	-1.673
2432	-0.529	-0.269	0.956	5.997	0.225	1.325	-0.522	-0.798	0.426	5.467	-0.304	0.795	-1.052
2433	-0.822	-0.467	0.760	-5.061	-0.167	-1.503	-0.838	-1.289	-0.062	-5.883	-0.989	-2.325	-1.660
2434	-0.513	-0.255	1.293	6.177	0.430	1.222	-0.503	-0.769	0.780	5.664	-0.083	0.708	-1.016
2435	-0.145	-0.126	-0.929	-7.439	-0.557	-1.670	-0.157	-0.271	-1.074	-7.584	-0.702	-1.815	-0.302
2436	-1.011	-0.504	1.524	4.647	0.074	0.836	-1.000	-1.515	0.513	3.636	-0.937	-0.174	-2.011
2437	-1.146	-0.640	4.457	-1.995	0.609	-0.304	-1.140	-1.786	3.312	-3.140	-0.537	-1.450	-2.285
2438	0.024	0.053	-5.072	2.259	-1.642	0.706	0.018	0.077	-5.048	2.283	-1.618	0.729	0.042
2439	-0.628	-0.385	4.395	-1.080	1.237	-0.522	-0.623	-1.013	3.767	-1.708	0.609	-1.150	-1.251
2440	-0.673	-0.309	-2.821	3.376	-1.238	0.885	-0.683	-0.982	-3.494	2.704	-1.911	0.212	-1.356
2441	-0.677	-0.417	4.115	-1.354	1.149	-0.734	-0.674	-1.094	3.439	-2.031	0.472	-1.410	-1.351
2442	-0.691	-0.320	-1.963	3.781	-0.946	1.046	-0.700	-1.011	-2.654	3.090	-1.637	0.355	-1.392
2443	-0.880	-0.547	4.319	-1.456	1.057	-0.957	-0.897	-1.427	3.439	-2.337	0.177	-1.837	-1.778
2444	-0.495	-0.206	-1.814	3.612	-0.716	1.127	-0.485	-0.702	-2.309	3.117	-1.212	0.632	-0.980
2445	-0.871	-0.554	3.938	-2.271	0.875	-1.239	-0.891	-1.424	3.067	-3.142	0.004	-2.110	-1.761
2446	-0.440	-0.179	-1.485	3.891	-0.487	1.194	-0.427	-0.619	-1.925	3.450	-0.927	0.753	-0.868
2447	-0.220	-0.236	2.852	-4.411	0.636	-1.602	-0.237	-0.457	2.632	-4.631	0.415	-1.822	-0.457
2448	-0.898	-0.401	-2.389	3.984	-0.255	0.538	-0.885	-1.300	-3.287	3.086	-1.154	-0.360	-1.783
2449	0.007	0.036	-3.934	0.388	-0.650	-0.286	0.003	0.043	-3.927	0.395	-0.643	-0.279	0.010
2450	1.770	0.895	3.400	-1.539	1.003	0.602	1.770	2.665	5.170	0.231	2.773	2.372	3.540
2451	-1.180	-0.579	-3.931	1.025	-0.958	-0.628	-1.181	-1.759	-5.110	-0.154	-2.138	-1.808	-2.361
2452	1.072	0.493	3.933	-1.085	1.041	0.428	1.076	1.565	5.005	-0.013	2.113	1.500	2.148
2453	0.255	0.158	-5.239	-0.577	-1.066	-0.495	0.256	0.413	-4.984	-0.322	-0.811	-0.240	0.510
2454	0.252	0.052	4.381	-0.465	1.138	0.142	0.261	0.304	4.633	-0.213	1.390	0.394	0.513
2455	0.242	0.166	-5.117	-0.734	-1.270	-0.191	0.254	0.408	-4.875	-0.492	-1.028	0.051	0.496
2456	0.185	-0.010	4.676	-0.213	1.390	-0.123	0.180	0.175	4.861	-0.029	1.575	0.061	0.364
2457	1.201	0.593	-5.595	-1.612	-1.326	-0.053	1.205	1.793	-4.394	-0.411	-0.125	1.148	2.406
2458	-1.466	-0.767	5.410	1.633	1.203	-0.192	-1.469	-2.233	3.944	0.167	-0.263	-1.658	-2.935
2459	2.095	1.035	-5.547	-2.373	-1.151	0.137	2.086	3.130	-3.452	-0.278	0.944	2.232	4.181
2460	-0.336	-0.215	4.857	1.151	0.857	0.030	-0.343	-0.550	4.522	0.815	0.521	-0.305	-0.679
2461	-0.336	-0.215	-4.065	-1.731	-0.613	-0.586	-0.343	-0.550	-4.401	-2.066	-0.948	-0.922	-0.679
2462	2.095	1.035	3.931	0.131	0.719	0.919	2.086	3.130	6.026	2.226	2.814	3.013	4.180
2463	-1.466	-0.767	-3.828	-0.751	-0.713	-0.990	-1.469	-2.233	-5.294	-2.216	-2.178	-2.456	-2.935
2464	1.201	0.592	4.199	0.870	0.974	0.902	1.205	1.793	5.399	2.070	2.175	2.102	2.405
2465	0.184	-0.010	-4.045	-2.606	-0.900	-1.072	0.180	0.175	-3.860	-2.422	-0.716	-0.888	0.364
2466	0.242	0.166	3.889	1.649	1.024	0.757	0.254	0.408	4.131	1.891	1.266	0.999	0.496
2467	0.252	0.052	-3.569	-2.542	-0.915	-0.707	0.261	0.304	-3.317	-2.290	-0.663	-0.455	0.513
2468	0.255	0.158	3.712	1.598	1.100	0.399	0.256	0.413	3.967	1.852	1.355	0.654	0.511
2469	1.072	0.493	-3.623	-3.155	-1.040	-0.431	1.075	1.565	-2.551	-2.083	0.031	0.640	2.147
2470	-1.180	-0.579	3.410	3.137	1.120	0.231	-1.181	-1.759	2.230	1.957	-0.059	-0.949	-2.361
2471	1.770	0.895	-3.688	-3.645	-1.130	-0.278	1.770	2.664	-1.918	-1.876	0.640	1.492	3.539
2472	0.007	0.036	1.582	3.734	0.669	0.262	0.004	0.044	1.589	3.741	0.676	0.269	0.011
2473	-0.200	-0.158	-1.848	-3.968	-0.201	-0.810	-0.208	-0.358	-2.048	-4.168	-0.401	-1.010	-0.408
2474	1.940	1.107	-0.272	3.255	-0.200	1.230	1.946	3.047	1.667	5.195	1.739	3.169	3.885
2475	-1.400	-0.783	-0.028	-3.982	0.182	-1.263	-1.406	-2.183	-1.428	-5.381	-1.218	-2.663	-2.805

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2476	1.404	0.810	-0.047	3.605	-0.070	1.302	1.414	2.213	1.357	5.009	1.333	2.706	2.818
2477	-0.142	-0.117	0.208	-5.343	0.136	-1.335	-0.145	-0.259	0.067	-5.484	-0.006	-1.477	-0.287
2478	0.826	0.497	0.100	3.962	0.067	1.364	0.842	1.323	0.926	4.788	0.893	2.190	1.668
2479	0.684	0.335	0.284	-5.975	0.053	-1.357	0.693	1.019	0.968	-5.291	0.737	-0.673	1.377
2480	0.006	0.044	0.040	4.624	0.155	1.401	0.009	0.050	0.046	4.631	0.161	1.407	0.015
2481	1.268	0.649	0.142	-6.135	-0.079	-1.346	1.272	1.917	1.410	-4.867	1.189	-0.078	2.540
2482	-1.257	-0.632	-0.165	5.594	0.208	1.365	-1.258	-1.889	-1.422	4.338	-1.049	0.108	-2.515
2483	1.804	0.945	-0.071	-6.144	-0.201	-1.324	1.803	2.749	1.733	-4.340	1.603	0.480	3.607
2484	-0.008	0.030	-1.919	5.214	-0.128	1.051	-0.012	0.021	-1.927	5.205	-0.136	1.042	-0.020
2485	-0.137	-0.110	1.713	-4.999	0.630	-0.924	-0.146	-0.247	1.575	-5.137	0.493	-1.062	-0.283
2486	1.903	1.057	-3.611	4.013	-1.026	0.808	1.907	2.960	-1.708	5.916	0.877	2.711	3.810
2487	-1.345	-0.740	3.440	-4.113	1.037	-0.805	-1.350	-2.085	2.095	-5.457	-0.308	-2.150	-2.695
2488	1.362	0.756	-3.604	3.996	-0.964	0.926	1.371	2.118	-2.242	5.359	0.398	2.288	2.733
2489	-0.108	-0.076	3.872	-3.987	1.052	-0.903	-0.110	-0.184	3.763	-4.096	0.944	-1.011	-0.218
2490	0.789	0.444	-3.754	3.989	-0.900	1.062	0.803	1.233	-2.965	4.778	-0.111	1.852	1.592
2491	0.707	0.378	4.063	-3.681	0.986	-0.977	0.719	1.086	4.771	-2.973	1.693	-0.270	1.427
2492	-0.026	-0.010	-4.067	3.798	-0.839	1.139	-0.026	-0.036	-4.093	3.773	-0.865	1.113	-0.052
2493	1.284	0.693	4.072	-3.540	0.864	-1.051	1.291	1.977	5.355	-2.257	2.147	0.233	2.574
2494	-1.265	-0.674	-4.196	3.368	-0.755	1.126	-1.269	-1.940	-5.461	2.103	-2.020	-0.139	-2.534
2495	1.826	0.995	4.088	-3.552	0.754	-1.119	1.829	2.822	5.915	-1.726	2.580	0.708	3.655
2496	-0.023	-0.004	-5.106	1.583	-0.820	0.704	-0.028	-0.028	-5.129	1.559	-0.844	0.681	-0.052
2497	-0.092	-0.055	5.307	-1.854	1.017	-0.208	-0.098	-0.147	5.216	-1.946	0.926	-0.299	-0.189
2498	1.883	1.036	-6.195	-0.187	-1.229	-0.175	1.886	2.919	-4.312	1.695	0.654	1.708	3.769
2499	-1.322	-0.716	5.589	-0.052	1.241	0.175	-1.327	-2.038	4.267	-1.374	-0.081	-1.148	-2.649
2500	1.338	0.733	-6.170	0.039	-1.260	-0.054	1.346	2.071	-4.832	1.377	0.077	1.284	2.684
2501	-0.080	-0.049	4.687	0.151	1.307	0.130	-0.081	-0.130	4.607	0.071	1.226	0.050	-0.161
2502	0.758	0.415	-6.034	0.204	-1.303	0.080	0.770	1.173	-5.277	0.962	-0.546	0.838	1.528
2503	0.743	0.409	4.041	0.193	1.301	0.046	0.755	1.152	4.784	0.936	2.043	0.788	1.498
2504	-0.069	-0.045	-5.407	0.162	-1.310	0.167	-0.070	-0.114	-5.476	0.093	-1.379	0.098	-0.139
2505	1.332	0.731	3.686	0.030	1.272	-0.086	1.340	2.063	5.018	1.361	2.604	1.245	2.672
2506	-1.331	-0.721	-4.048	-0.044	-1.261	0.216	-1.336	-2.053	-5.379	-1.375	-2.593	-1.115	-2.667
2507	1.873	1.032	3.357	-0.196	1.238	-0.207	1.876	2.905	5.229	1.677	3.110	1.665	3.749
2508	-0.052	-0.026	-4.263	-1.841	-0.998	-0.106	-0.057	-0.078	-4.314	-1.892	-1.050	-0.158	-0.108
2509	-0.052	-0.026	4.069	1.574	0.793	0.629	-0.057	-0.078	4.018	1.522	0.742	0.578	-0.109
2510	1.872	1.032	-4.075	-3.562	-0.722	-1.015	1.876	2.905	-2.203	-1.690	1.150	0.857	3.748
2511	-1.331	-0.721	3.602	3.416	0.737	1.041	-1.336	-2.052	2.271	2.085	-0.594	-0.291	-2.667
2512	1.332	0.731	-3.765	-3.561	-0.837	-0.959	1.340	2.063	-2.433	-2.229	0.495	0.372	2.671
2513	-0.069	-0.045	2.212	3.806	0.804	1.042	-0.070	-0.114	2.143	3.737	0.735	0.973	-0.139
2514	0.743	0.409	-3.401	-3.688	-0.960	-0.894	0.755	1.152	-2.658	-2.945	-0.217	-0.151	1.498
2515	0.758	0.415	1.166	3.987	0.857	0.975	0.770	1.173	1.924	4.744	1.614	1.732	1.528
2516	-0.080	-0.049	-2.409	-3.996	-1.020	-0.837	-0.081	-0.130	-2.489	-4.076	-1.100	-0.917	-0.161
2517	1.338	0.733	0.708	3.996	0.930	0.857	1.346	2.070	2.046	5.334	2.268	2.195	2.683
2518	-1.322	-0.716	-0.940	-4.126	-1.004	-0.758	-1.327	-2.038	-2.262	-5.448	-2.326	-2.081	-2.649
2519	1.882	1.036	0.423	4.016	1.000	0.753	1.886	2.918	2.306	5.899	2.882	2.636	3.768
2520	-0.092	-0.055	-1.964	-5.044	-0.566	-0.862	-0.098	-0.147	-2.056	-5.135	-0.658	-0.953	-0.189

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2521	-0.023	-0.004	0.646	5.272	0.093	1.086	-0.028	-0.028	0.623	5.248	0.069	1.062	-0.052
2522	1.827	0.995	-1.804	-6.188	0.263	-1.318	1.829	2.822	0.023	-4.362	2.089	0.508	3.656
2523	-1.265	-0.675	1.326	5.579	-0.263	1.327	-1.269	-1.940	0.061	4.314	-1.528	0.062	-2.534
2524	1.284	0.693	-1.470	-6.170	0.132	-1.350	1.291	1.977	-0.186	-4.886	1.416	-0.067	2.575
2525	-0.026	-0.010	-0.165	4.680	-0.215	1.394	-0.026	-0.036	-0.191	4.655	-0.241	1.369	-0.052
2526	0.707	0.378	-0.979	-6.038	-0.014	-1.390	0.719	1.086	-0.272	-5.331	0.693	-0.683	1.426
2527	0.789	0.444	-1.305	4.038	-0.122	1.382	0.803	1.233	-0.516	4.827	0.667	2.172	1.592
2528	-0.108	-0.076	0.159	-5.404	-0.109	-1.384	-0.110	-0.184	0.051	-5.512	-0.217	-1.492	-0.218
2529	1.362	0.756	-1.784	3.676	0.027	1.336	1.371	2.118	-0.422	5.038	1.389	2.698	2.733
2530	-1.345	-0.740	1.638	-4.013	-0.165	-1.305	-1.350	-2.085	0.293	-5.358	-1.510	-2.650	-2.695
2531	1.903	1.057	-2.114	3.357	0.159	1.302	1.907	2.960	-0.210	5.260	2.063	3.205	3.811
2532	-0.137	-0.110	1.107	-4.219	0.218	-1.101	-0.145	-0.247	0.970	-4.356	0.081	-1.238	-0.283
2533	-0.009	0.030	-2.320	4.060	-0.646	0.841	-0.012	0.021	-2.329	4.052	-0.654	0.833	-0.020
2534	1.803	0.945	0.807	-4.026	1.085	-0.795	1.803	2.748	2.610	-2.222	2.888	1.008	3.606
2535	-1.257	-0.632	-1.348	3.560	-1.114	0.821	-1.258	-1.888	-2.605	2.303	-2.371	-0.435	-2.515
2536	1.268	0.649	1.062	-3.716	1.008	-0.898	1.272	1.917	-2.330	-2.448	2.276	0.370	2.540
2537	0.006	0.044	-2.793	2.165	-1.104	0.882	0.008	0.050	-2.787	2.170	-1.098	0.888	0.014
2538	0.684	0.335	1.470	-3.348	0.912	-1.000	0.693	1.019	2.153	-2.664	1.596	-0.316	1.377
2539	0.826	0.497	-3.733	1.114	-1.019	0.914	0.842	1.323	-2.907	1.941	-0.193	1.740	1.668
2540	-0.142	-0.117	2.462	-2.350	0.844	-1.041	-0.145	-0.259	2.320	-2.492	0.702	-1.182	-0.287
2541	1.403	0.810	-4.038	0.653	-0.869	0.969	1.414	2.213	-2.635	2.057	0.535	2.373	2.818
2542	-1.399	-0.783	3.790	-0.880	0.763	-1.021	-1.406	-2.183	2.390	-2.280	-0.636	-2.421	-2.805
2543	1.939	1.107	-4.301	0.359	-0.720	1.011	1.945	3.046	-2.362	2.298	1.219	2.950	3.884
2544	-0.199	-0.158	4.263	-1.760	0.727	-0.429	-0.208	-0.357	4.064	-1.960	0.528	-0.629	-0.407
2545	-2.158	-1.108	4.027	2.722	0.102	0.505	-2.147	-3.265	1.869	0.564	-2.056	-1.653	-4.305
2546	0.053	0.014	-5.427	-1.195	-0.688	-1.069	0.048	0.067	-5.374	-1.142	-0.635	-1.016	0.101
2547	-0.529	-0.257	5.234	1.563	0.632	0.989	-0.518	-0.786	4.706	1.035	0.103	0.460	-1.047
2548	-0.626	-0.323	-4.544	0.156	-0.893	-0.780	-0.642	-0.949	-5.170	-0.470	-1.519	-1.406	-1.268
2549	-0.663	-0.316	5.568	1.355	0.925	0.734	-0.649	-0.980	4.905	0.691	0.262	0.071	-1.312
2550	-1.021	-0.517	-3.365	1.366	-1.071	-0.236	-1.046	-1.538	-4.386	0.345	-2.092	-1.257	-2.067
2551	-0.905	-0.457	6.006	1.699	1.245	0.338	-0.924	-1.362	5.101	0.793	0.340	-0.568	-1.829
2552	-0.698	-0.326	-3.505	0.957	-1.265	0.162	-0.688	-1.024	-4.203	0.259	-1.963	-0.536	-1.386
2553	-0.698	-0.325	5.689	0.781	1.361	-0.069	-0.705	-1.023	4.992	0.084	0.663	-0.767	-1.403
2554	-0.338	-0.183	-2.780	0.992	-0.978	0.451	-0.333	-0.521	-3.118	0.653	-1.316	0.113	-0.671
2555	-0.254	-0.077	4.092	-0.340	0.993	-0.388	-0.246	-0.330	3.838	-0.594	0.739	-0.642	-0.500
2556	-2.026	-1.076	-0.913	2.263	-0.314	0.041	-2.020	-3.102	-2.939	0.237	-2.340	-1.985	-4.046
2557	-2.026	-1.076	2.440	4.846	0.166	0.242	-2.020	-3.102	0.414	2.820	-1.860	-1.784	-4.046
2558	-0.254	-0.077	-3.143	-3.581	-0.417	-0.975	-0.246	-0.331	-3.397	-3.835	-0.671	-1.229	-0.500
2559	-0.338	-0.183	2.661	3.664	0.360	1.006	-0.333	-0.521	2.323	3.326	0.022	0.668	-0.671
2560	-0.698	-0.325	-4.225	-2.628	-0.899	-1.004	-0.705	-1.023	-4.923	-3.325	-1.597	-1.702	-1.403
2561	-0.698	-0.326	3.617	4.068	0.773	1.006	-0.688	-1.024	2.919	3.371	0.075	0.308	-1.386
2562	-0.906	-0.457	-4.172	-1.629	-1.099	-0.630	-0.924	-1.363	-5.077	-2.535	-2.005	-1.535	-1.830
2563	-1.021	-0.517	3.478	4.630	0.943	0.601	-1.046	-1.538	2.457	3.609	-0.078	-0.420	-2.067
2564	-0.663	-0.316	-3.757	-1.783	-1.178	-0.138	-0.649	-0.979	-4.420	-2.446	-1.841	-0.801	-1.312
2565	-0.626	-0.323	3.750	3.882	1.196	0.087	-0.642	-0.950	3.124	3.255	0.570	-0.540	-1.268

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2566	-0.529	-0.257	-3.187	-1.518	-1.154	0.247	-0.518	-0.786	-3.716	-2.047	-1.683	-0.281	-1.046
2567	0.053	0.014	3.536	2.800	1.249	-0.267	0.048	0.067	3.589	2.853	1.302	-0.214	0.101
2568	-2.157	-1.107	0.069	-2.215	-0.448	0.271	-2.147	-3.265	-2.088	-4.373	-2.605	-1.887	-4.304
2569	-2.146	-1.092	2.688	4.669	0.012	0.270	-2.133	-3.238	0.542	2.524	-2.134	-1.876	-4.279
2570	0.060	-0.049	-0.236	-6.081	0.421	-1.046	0.049	0.011	-0.176	-6.021	0.481	-0.986	0.109
2571	-0.568	-0.254	-0.090	5.992	-0.444	0.966	-0.555	-0.823	-0.658	5.424	-1.012	0.398	-1.124
2572	-0.713	-0.460	-0.266	-5.034	0.205	-1.259	-0.734	-1.173	-0.979	-5.747	-0.508	-1.972	-1.447
2573	-0.616	-0.275	-0.365	6.266	-0.282	1.148	-0.601	-0.891	-0.981	5.649	-0.898	0.532	-1.217
2574	-1.256	-0.736	-0.343	-3.583	-0.099	-1.269	-1.284	-1.992	-1.599	-4.838	-1.355	-2.525	-2.540
2575	-1.103	-0.540	-0.621	6.768	-0.088	1.268	-1.123	-1.643	-1.725	5.665	-1.191	0.164	-2.227
2576	-0.763	-0.457	-0.120	-3.366	-0.298	-1.215	-0.755	-1.220	-0.883	-4.129	-1.060	-1.978	-1.518
2577	-0.557	-0.256	-0.594	5.872	0.213	1.316	-0.569	-0.813	-1.151	5.315	-0.344	0.759	-1.126
2578	-0.700	-0.411	0.133	-2.600	-0.465	-1.062	-0.693	-1.111	-0.567	-3.300	-1.165	-1.761	-1.393
2579	0.206	0.137	-0.611	4.210	0.428	1.179	0.205	0.344	-0.405	4.416	0.634	1.385	0.411
2580	-2.276	-1.237	2.926	-1.066	-0.050	-0.446	-2.268	-3.513	0.650	-3.342	-2.325	-2.721	-4.544
2581	-2.155	-1.109	0.039	2.715	-0.408	0.556	-2.143	-3.264	-2.116	0.560	-2.563	-1.599	-4.299
2582	0.069	-0.013	3.442	-3.000	1.120	-0.680	0.062	0.056	3.511	-2.931	1.189	-0.611	0.130
2583	-0.590	-0.287	-3.162	2.593	-1.041	0.493	-0.579	-0.877	-3.752	2.003	-1.632	-0.097	-1.170
2584	-0.698	-0.407	3.668	-3.635	1.065	-0.910	-0.715	-1.105	2.970	-4.333	0.367	-1.608	-1.413
2585	-0.631	-0.315	-3.669	3.167	-1.043	0.724	-0.618	-0.946	-4.300	2.536	-1.673	0.093	-1.249
2586	-1.237	-0.680	3.414	-3.852	0.831	-1.082	-1.262	-1.917	2.177	-5.089	-0.406	-2.319	-2.499
2587	-1.117	-0.585	-3.959	3.308	-0.963	0.940	-1.140	-1.702	-5.077	2.191	-2.080	-0.177	-2.257
2588	-0.742	-0.405	3.272	-3.570	0.625	-1.153	-0.732	-1.147	2.529	-4.312	-0.118	-1.895	-1.474
2589	-0.566	-0.301	-3.757	3.556	-0.780	1.184	-0.581	-0.867	-4.323	2.990	-1.346	0.618	-1.147
2590	-0.699	-0.377	2.700	-3.063	0.396	-1.139	-0.690	-1.076	2.000	-3.763	-0.303	-1.839	-1.390
2591	0.212	0.106	-3.139	3.325	-0.540	1.237	0.208	0.318	-2.927	3.537	-0.328	1.449	0.419
2592	-2.314	-1.253	2.847	0.221	0.359	-0.468	-2.306	-3.566	0.533	-2.093	-1.955	-2.781	-4.620
2593	-2.248	-1.203	-1.131	2.944	-0.525	0.049	-2.239	-3.451	-3.379	0.696	-2.773	-2.199	-4.487
2594	0.133	0.048	4.263	-0.517	1.138	0.363	0.128	0.181	4.396	-0.384	1.270	0.496	0.261
2595	-0.635	-0.329	-2.631	0.044	-0.991	-0.415	-0.625	-0.963	-3.266	-0.591	-1.626	-1.050	-1.259
2596	-0.643	-0.357	5.952	-0.492	1.267	0.160	-0.658	-1.000	5.309	-1.135	0.624	-0.482	-1.301
2597	-0.672	-0.353	-3.459	-0.244	-1.147	-0.258	-0.660	-1.024	-4.131	-0.916	-1.819	-0.929	-1.332
2598	-1.189	-0.638	6.865	-0.518	1.235	-0.132	-1.213	-1.828	5.675	-1.707	0.046	-1.322	-2.402
2599	-1.159	-0.623	-3.704	-0.504	-1.222	-0.064	-1.183	-1.781	-4.863	-1.663	-2.381	-1.223	-2.342
2600	-0.696	-0.366	6.365	-0.258	1.141	-0.324	-0.685	-1.062	5.669	-0.954	0.444	-1.020	-1.381
2601	-0.614	-0.341	-5.185	-0.477	-1.264	0.238	-0.630	-0.956	-5.799	-1.091	-1.878	-0.377	-1.244
2602	-0.645	-0.336	6.103	0.032	0.996	-0.487	-0.635	-0.982	5.458	-0.613	0.351	-1.132	-1.281
2603	0.158	0.064	-6.264	-0.503	-1.143	0.451	0.153	0.222	-6.106	-0.344	-0.985	0.610	0.312
2604	-2.303	-1.244	5.011	2.928	0.517	-0.100	-2.295	-3.547	2.708	0.625	-1.786	-2.403	-4.599
2605	-2.303	-1.244	-2.223	0.220	-0.321	-0.444	-2.296	-3.547	-4.527	-2.083	-2.625	-2.747	-4.599
2606	0.158	0.064	3.026	3.345	0.497	1.129	0.153	0.222	3.184	3.503	0.655	1.287	0.311
2607	-0.645	-0.337	-1.627	-3.093	-0.371	-1.052	-0.635	-0.982	-2.272	-3.739	-1.016	-1.697	-1.281
2608	-0.614	-0.341	4.195	3.565	0.739	1.069	-0.630	-0.956	3.581	2.951	0.124	0.454	-1.244
2609	-0.696	-0.366	-1.944	-3.572	-0.584	-1.039	-0.684	-1.062	-2.640	-4.268	-1.280	-1.734	-1.380
2610	-1.159	-0.622	5.056	3.309	0.928	0.831	-1.183	-1.781	3.897	2.150	-0.231	-0.328	-2.342

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2611	-1.189	-0.639	-1.456	-3.850	-0.761	-0.956	-1.213	-1.828	-2.645	-5.039	-1.950	-2.146	-2.403
2612	-0.672	-0.353	4.178	3.174	0.987	0.627	-0.660	-1.024	3.506	2.503	0.315	-0.045	-1.332
2613	-0.643	-0.357	-2.821	-3.640	-0.996	-0.776	-0.659	-1.000	-3.464	-4.284	-1.639	-1.419	-1.302
2614	-0.635	-0.329	4.140	2.610	0.986	0.403	-0.625	-0.963	3.506	1.975	0.351	-0.232	-1.259
2615	0.133	0.048	-4.226	-3.023	-1.055	-0.545	0.128	0.181	-4.094	-2.890	-0.922	-0.413	0.260
2616	-2.248	-1.203	5.228	2.764	0.317	0.391	-2.239	-3.451	2.980	0.516	-1.931	-1.857	-4.487
2617	-2.314	-1.253	2.649	-1.105	0.055	-0.602	-2.306	-3.566	0.335	-3.419	-2.259	-2.915	-4.620
2618	0.212	0.106	-1.026	4.249	-0.486	1.260	0.208	0.318	-0.814	4.460	-0.274	1.472	0.419
2619	-0.699	-0.377	1.481	-2.615	0.515	-1.091	-0.690	-1.076	0.782	-3.315	-0.184	-1.791	-1.390
2620	-0.566	-0.300	0.362	5.943	-0.273	1.394	-0.580	-0.866	-0.203	5.377	-0.838	0.828	-1.146
2621	-0.743	-0.405	1.276	-3.442	0.367	-1.259	-0.732	-1.147	0.533	-4.185	-0.376	-2.002	-1.475
2622	-1.117	-0.585	1.560	6.857	0.034	1.354	-1.140	-1.702	0.442	5.740	-1.083	0.237	-2.257
2623	-1.237	-0.680	2.032	-3.685	0.195	-1.343	-1.262	-1.917	0.796	-4.922	-1.042	-2.580	-2.498
2624	-0.631	-0.315	0.836	6.348	0.219	1.247	-0.618	-0.946	0.205	5.717	-0.412	0.616	-1.249
2625	-0.698	-0.407	0.888	-5.152	-0.097	-1.390	-0.715	-1.105	0.190	-5.850	-0.795	-2.088	-1.413
2626	-0.591	-0.287	1.055	6.054	0.378	1.082	-0.579	-0.878	0.464	5.464	-0.213	0.491	-1.170
2627	0.069	-0.013	-0.457	-6.214	-0.305	-1.271	0.062	0.056	-0.388	-6.145	-0.236	-1.202	0.131
2628	-2.155	-1.109	2.016	4.900	-0.125	0.676	-2.143	-3.264	-0.139	2.745	-2.280	-1.479	-4.298
2629	-2.276	-1.237	5.355	-2.265	0.330	-0.290	-2.268	-3.513	3.079	-4.541	-1.946	-2.566	-4.544
2630	0.206	0.137	-4.592	2.985	-1.129	0.536	0.204	0.344	-4.386	3.192	-0.923	0.742	0.411
2631	-0.700	-0.411	4.503	-1.594	1.070	-0.427	-0.693	-1.111	3.803	-2.294	0.370	-1.127	-1.393
2632	-0.557	-0.256	-3.216	4.146	-1.067	0.785	-0.569	-0.813	-3.773	3.589	-1.624	0.228	-1.126
2633	-0.763	-0.457	4.584	-1.898	1.063	-0.652	-0.755	-1.220	3.822	-2.661	0.300	-1.415	-1.518
2634	-1.104	-0.540	-1.813	5.002	-0.814	0.965	-1.124	-1.643	-2.917	3.899	-1.918	-0.139	-2.227
2635	-1.256	-0.736	5.458	-1.400	0.985	-0.822	-1.284	-1.992	4.202	-2.655	-0.271	-2.077	-2.540
2636	-0.616	-0.275	-2.241	4.118	-0.618	1.009	-0.601	-0.891	-2.857	3.502	-1.234	0.393	-1.217
2637	-0.714	-0.460	4.546	-2.743	0.758	-1.031	-0.734	-1.174	3.833	-3.457	0.044	-1.745	-1.447
2638	-0.568	-0.254	-1.836	4.073	-0.380	0.994	-0.555	-0.823	-2.404	3.505	-0.948	0.426	-1.124
2639	0.059	-0.049	3.228	-4.117	0.449	-1.035	0.049	0.011	3.288	-4.057	0.508	-0.976	0.109
2640	-2.146	-1.092	-2.373	5.004	-0.225	0.179	-2.133	-3.237	-4.518	2.859	-2.371	-1.967	-4.278
2641	0.822	0.458	-4.115	0.059	-0.531	-0.141	0.813	1.280	-3.293	0.881	0.291	0.681	1.635
2642	1.522	0.771	3.161	-1.757	0.753	0.464	1.525	2.293	4.683	-0.235	2.275	1.986	3.047
2643	-1.089	-0.552	-4.423	1.195	-0.903	-0.654	-1.099	-1.642	-5.513	0.106	-1.992	-1.743	-2.188
2644	1.196	0.587	3.606	-1.424	0.864	0.445	1.204	1.782	4.802	-0.228	2.059	1.641	2.400
2645	0.027	0.019	-5.324	-0.076	-1.032	-0.504	0.018	0.046	-5.297	-0.049	-1.005	-0.477	0.045
2646	0.977	0.464	3.589	-1.355	1.017	0.194	0.998	1.441	4.566	-0.378	1.994	1.171	1.975
2647	0.878	0.473	-6.132	-1.595	-1.185	-0.292	0.899	1.351	-5.254	-0.717	-0.307	0.586	1.777
2648	0.093	-0.008	4.702	0.203	1.250	-0.005	0.082	0.085	4.795	0.295	1.343	0.087	0.175
2649	1.231	0.623	-6.092	-1.850	-1.150	-0.096	1.237	1.854	-4.862	-0.619	0.081	1.135	2.468
2650	-1.202	-0.630	5.565	1.676	1.190	-0.143	-1.211	-1.831	4.363	0.475	-0.012	-1.345	-2.413
2651	1.682	0.841	-5.676	-2.315	-0.913	-0.015	1.679	2.522	-3.994	-0.634	0.768	1.667	3.360
2652	0.666	0.343	4.537	0.528	0.752	0.225	0.656	1.009	5.203	1.194	1.418	0.891	1.322
2653	0.666	0.343	-4.632	-2.493	-0.661	-0.371	0.656	1.009	-3.966	-1.827	0.005	0.295	1.322
2654	1.682	0.841	3.683	0.178	0.661	0.643	1.679	2.523	5.364	1.860	2.342	2.325	3.361
2655	-1.202	-0.630	-4.132	-1.111	-0.740	-0.948	-1.211	-1.831	-5.334	-2.313	-1.942	-2.150	-2.413

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2656	1.231	0.623	3.925	0.727	0.877	0.744	1.237	1.854	5.156	1.958	2.108	1.975	2.468
2657	0.093	-0.007	-3.924	-2.554	-0.882	-0.889	0.082	0.085	-3.831	-2.461	-0.789	-0.796	0.175
2658	0.878	0.473	3.895	0.942	1.026	0.619	0.899	1.351	4.773	1.820	1.904	1.497	1.777
2659	0.977	0.464	-3.227	-3.830	-0.876	-0.591	0.998	1.441	-2.250	-2.853	0.101	0.386	1.975
2660	0.027	0.019	3.623	2.199	1.085	0.370	0.018	0.046	3.650	2.226	1.113	0.397	0.045
2661	1.196	0.586	-3.071	-3.792	-0.932	-0.296	1.204	1.782	-1.876	-2.596	0.264	0.900	2.400
2662	-1.089	-0.552	3.490	3.330	1.100	0.171	-1.099	-1.642	2.401	2.241	0.011	-0.918	-2.189
2663	1.522	0.771	-2.858	-3.836	-0.856	-0.198	1.525	2.293	-1.336	-2.314	0.666	1.324	3.047
2664	0.822	0.458	0.586	3.808	0.495	0.289	0.812	1.280	1.407	4.630	1.317	1.111	1.634
2665	0.717	0.336	-2.568	-4.204	-0.326	-0.559	0.703	1.052	-1.852	-3.487	0.390	0.157	1.420
2666	1.651	0.935	0.184	3.113	-0.044	0.910	1.659	2.586	1.835	4.764	1.607	2.561	3.309
2667	-1.188	-0.676	0.109	-4.640	0.169	-1.128	-1.203	-1.864	-1.079	-5.828	-1.019	-2.316	-2.391
2668	1.380	0.793	0.362	3.595	-0.019	1.119	1.394	2.173	1.742	4.975	1.360	2.499	2.774
2669	-0.132	-0.112	0.248	-5.586	0.124	-1.190	-0.143	-0.244	0.116	-5.718	-0.008	-1.322	-0.275
2670	1.184	0.676	0.379	3.627	0.102	1.217	1.210	1.860	1.563	4.811	1.286	2.401	2.394
2671	1.087	0.552	0.550	-6.694	0.078	-1.215	1.108	1.639	1.637	-5.607	1.165	-0.128	2.195
2672	-0.030	0.016	0.103	4.885	0.153	1.278	-0.036	-0.014	0.073	4.855	0.123	1.248	-0.066
2673	1.289	0.671	0.550	-6.570	-0.039	-1.187	1.297	1.960	1.838	-5.281	1.250	0.102	2.586
2674	-1.082	-0.545	-0.012	5.804	0.201	1.277	-1.090	-1.626	-1.094	4.723	-0.881	0.195	-2.172
2675	1.567	0.822	0.375	-6.183	-0.056	-1.060	1.569	2.389	1.942	-4.617	1.510	0.506	3.136
2676	0.840	0.475	-2.570	4.847	-0.236	0.866	0.831	1.315	-1.730	5.686	0.604	1.705	1.671
2677	0.741	0.363	0.643	-5.151	0.445	-0.905	0.728	1.104	1.384	-4.410	1.186	-0.163	1.469
2678	1.645	0.912	-2.743	3.664	-0.763	0.758	1.651	2.557	-1.098	5.308	0.882	2.402	3.296
2679	-1.165	-0.647	3.420	-4.163	0.988	-0.761	-1.179	-1.812	2.255	-5.328	-0.177	-1.927	-2.344
2680	1.372	0.764	-3.023	3.688	-0.851	0.890	1.384	2.136	-1.651	5.059	0.521	2.261	2.756
2681	-0.123	-0.089	3.557	-3.755	0.981	-0.834	-0.133	-0.212	3.434	-3.877	0.858	-0.956	-0.255
2682	1.177	0.645	-3.259	3.700	-0.807	1.019	1.201	1.822	-2.082	4.877	0.370	2.197	2.378
2683	1.089	0.574	3.784	-3.176	0.934	-0.883	1.111	1.663	4.873	-2.087	2.023	0.206	2.200
2684	-0.039	-0.021	-3.838	3.480	-0.775	1.075	-0.047	-0.060	-3.877	3.441	-0.813	1.037	-0.086
2685	1.285	0.694	3.772	-2.947	0.816	-0.937	1.296	1.979	5.057	-1.662	2.102	0.349	2.581
2686	-1.087	-0.583	-4.244	3.351	-0.719	1.087	-1.099	-1.670	-5.331	2.264	-1.806	0.000	-2.186
2687	1.567	0.848	3.742	-2.685	0.704	-0.850	1.572	2.415	5.310	-1.118	2.271	0.717	3.139
2688	0.852	0.468	-5.240	0.485	-0.790	0.513	0.843	1.320	-4.388	1.338	0.062	1.366	1.695
2689	0.781	0.414	4.917	-2.533	0.873	-0.330	0.770	1.196	5.698	-1.752	1.654	0.452	1.552
2690	1.624	0.890	-6.212	0.275	-1.010	-0.018	1.630	2.514	-4.587	1.899	0.615	1.606	3.254
2691	-1.151	-0.630	5.823	0.111	1.181	0.161	-1.163	-1.781	4.672	-1.039	0.031	-0.990	-2.314
2692	1.341	0.735	-6.591	0.469	-1.148	0.001	1.353	2.076	-5.249	1.811	0.193	1.342	2.694
2693	-0.099	-0.066	4.928	0.221	1.211	0.119	-0.108	-0.165	4.829	0.122	1.112	0.020	-0.208
2694	1.138	0.611	-6.729	0.498	-1.205	0.117	1.161	1.749	-5.591	1.636	-0.067	1.256	2.300
2695	1.122	0.603	3.686	0.486	1.193	0.072	1.145	1.725	4.808	1.608	2.315	1.194	2.267
2696	-0.087	-0.061	-5.630	0.232	-1.213	0.163	-0.097	-0.148	-5.717	0.145	-1.300	0.076	-0.184
2697	1.329	0.729	3.672	0.459	1.153	-0.044	1.340	2.058	5.001	1.788	2.481	1.284	2.669
2698	-1.148	-0.628	-4.707	0.120	-1.190	0.205	-1.160	-1.776	-5.855	-1.027	-2.338	-0.943	-2.308
2699	1.611	0.884	3.212	0.267	1.018	-0.057	1.617	2.495	4.823	1.878	2.629	1.554	3.228
2700	0.829	0.451	-4.531	-2.523	-0.850	-0.205	0.819	1.280	-3.702	-1.693	-0.021	0.625	1.649

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2701	0.830	0.451	4.020	0.483	0.775	0.460	0.819	1.280	4.850	1.313	1.604	1.290	1.649
2702	1.611	0.884	-4.256	-2.694	-0.673	-0.754	1.617	2.495	-2.645	-1.083	0.939	0.857	3.228
2703	-1.148	-0.628	3.703	3.378	0.695	0.982	-1.160	-1.776	2.556	2.230	-0.452	-0.165	-2.308
2704	1.329	0.729	-4.277	-2.962	-0.787	-0.849	1.340	2.058	-2.949	-1.634	0.541	0.480	2.669
2705	-0.087	-0.061	2.581	3.489	0.740	0.972	-0.097	-0.148	2.494	3.402	0.653	0.884	-0.184
2706	1.122	0.603	-4.273	-3.181	-0.912	-0.806	1.145	1.725	-3.151	-2.059	0.210	0.317	2.267
2707	1.139	0.611	0.808	3.701	0.751	0.926	1.161	1.749	1.946	4.840	1.890	2.064	2.300
2708	-0.099	-0.066	-2.466	-3.757	-0.942	-0.777	-0.108	-0.165	-2.565	-3.856	-1.041	-0.876	-0.208
2709	1.341	0.735	0.705	3.687	0.807	0.813	1.353	2.077	2.046	5.029	2.149	2.155	2.694
2710	-1.151	-0.630	-1.239	-4.164	-0.952	-0.728	-1.163	-1.781	-2.390	-5.315	-2.103	-1.879	-2.314
2711	1.624	0.890	0.334	3.666	0.733	0.710	1.630	2.514	1.958	5.291	2.358	2.335	3.254
2712	0.781	0.414	-2.610	-5.170	-0.365	-0.837	0.770	1.196	-1.829	-4.389	0.416	-0.056	1.551
2713	0.853	0.468	0.229	4.872	0.220	0.939	0.843	1.320	1.082	5.725	1.072	1.791	1.695
2714	1.567	0.848	-2.007	-6.196	0.108	-1.092	1.572	2.415	-0.440	-4.629	1.675	0.476	3.139
2715	-1.087	-0.583	1.405	5.801	-0.260	1.272	-1.099	-1.670	0.318	4.714	-1.347	0.185	-2.186
2716	1.285	0.694	-1.705	-6.583	0.080	-1.238	1.296	1.979	-0.420	-5.298	1.366	0.047	2.581
2717	-0.039	-0.021	0.107	4.911	-0.213	1.304	-0.047	-0.060	0.069	4.872	-0.251	1.265	-0.086
2718	1.089	0.574	-1.556	-6.724	-0.054	-1.291	1.111	1.663	-0.467	-5.635	1.035	-0.202	2.200
2719	1.177	0.645	-1.902	3.671	-0.167	1.281	1.201	1.821	-0.725	4.848	1.010	2.457	2.378
2720	-0.123	-0.089	0.437	-5.623	-0.104	-1.283	-0.133	-0.212	0.314	-5.745	-0.227	-1.406	-0.255
2721	1.372	0.764	-2.050	3.653	-0.032	1.227	1.384	2.136	-0.678	5.025	1.340	2.599	2.756
2722	-1.165	-0.647	1.713	-4.690	-0.160	-1.239	-1.178	-1.812	0.548	-5.855	-1.326	-2.404	-2.344
2723	1.644	0.912	-2.319	3.206	0.008	1.079	1.651	2.557	-0.675	4.850	1.653	2.723	3.295
2724	0.741	0.363	0.689	-4.462	0.348	-0.951	0.728	1.104	1.431	-3.720	1.090	-0.210	1.469
2725	0.840	0.475	-2.872	4.033	-0.426	0.794	0.831	1.315	-2.033	4.873	0.414	1.634	1.671
2726	1.567	0.822	0.613	-4.210	0.796	-0.712	1.569	2.389	2.180	-2.643	2.362	0.855	3.136
2727	-1.082	-0.545	-1.619	3.652	-1.046	0.765	-1.091	-1.626	-2.701	2.571	-2.128	-0.317	-2.172
2728	1.289	0.671	0.969	-4.235	0.862	-0.815	1.297	1.960	2.258	-2.946	2.151	0.474	2.586
2729	-0.030	0.016	-2.798	2.534	-1.012	0.797	-0.036	-0.014	-2.828	2.504	-1.042	0.768	-0.065
2730	1.088	0.552	1.025	-4.230	0.785	-0.920	1.108	1.639	2.112	-3.142	1.873	0.167	2.196
2731	1.184	0.676	-4.534	0.761	-0.950	0.782	1.210	1.860	-3.350	1.945	0.234	1.966	2.394
2732	-0.132	-0.112	2.747	-2.418	0.752	-0.928	-0.143	-0.244	2.615	-2.550	0.620	-1.060	-0.276
2733	1.380	0.793	-4.453	0.648	-0.781	0.803	1.394	2.173	-3.073	2.028	0.599	2.183	2.774
2734	-1.189	-0.676	3.823	-1.182	0.675	-0.915	-1.203	-1.865	2.634	-2.370	-0.513	-2.104	-2.391
2735	1.651	0.935	-4.318	0.260	-0.605	0.674	1.659	2.586	-2.667	1.911	1.045	2.325	3.310
2736	0.716	0.336	4.127	-2.415	0.654	-0.161	0.703	1.052	4.844	-1.698	1.370	0.556	1.419
2737	-3.278	-1.698	4.309	3.651	0.079	0.429	-3.271	-4.976	1.031	0.373	-3.199	-2.849	-6.549
2738	1.222	0.625	-5.819	-1.667	-0.488	-0.896	1.221	1.847	-4.597	-0.445	0.734	0.327	2.443
2739	-0.972	-0.481	6.022	2.073	0.612	1.052	-0.970	-1.452	5.051	1.101	-0.359	0.080	-1.941
2740	-0.121	-0.077	-4.817	-0.542	-0.721	-0.863	-0.122	-0.198	-4.939	-0.663	-0.842	-0.984	-0.243
2741	-0.556	-0.255	5.590	0.925	0.841	0.751	-0.530	-0.811	5.034	0.369	0.285	0.195	-1.086
2742	-1.436	-0.752	-2.773	1.929	-0.889	-0.326	-1.475	-2.188	-4.208	0.494	-2.325	-1.761	-2.911
2743	-1.271	-0.646	6.493	2.310	1.070	0.476	-1.303	-1.917	5.221	1.039	-0.202	-0.796	-2.574
2744	-0.679	-0.340	-3.329	0.532	-1.057	-0.013	-0.659	-1.019	-4.008	-0.147	-1.736	-0.692	-1.339
2745	-0.093	-0.011	4.742	0.031	1.085	0.025	-0.083	-0.104	4.649	-0.062	0.993	-0.068	-0.176

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2746	-0.930	-0.503	-1.977	1.554	-0.912	0.343	-0.935	-1.433	-2.907	0.624	-1.842	-0.587	-1.865
2747	1.134	0.656	3.354	-1.002	0.793	-0.035	1.145	1.790	4.488	0.132	1.927	1.098	2.279
2748	-3.282	-1.771	-0.296	3.236	-0.310	-0.262	-3.282	-5.053	-3.577	-0.045	-3.592	-3.544	-6.564
2749	-3.282	-1.771	3.003	6.627	0.358	0.017	-3.283	-5.053	-0.278	3.345	-2.924	-3.265	-6.565
2750	1.134	0.656	-3.019	-5.012	-0.515	-0.576	1.145	1.790	-1.885	-3.878	0.619	0.558	2.279
2751	-0.930	-0.503	2.755	5.047	0.402	0.889	-0.935	-1.433	1.825	4.117	-0.528	-0.041	-1.865
2752	-0.093	-0.012	-3.590	-3.967	-0.780	-0.745	-0.083	-0.104	-3.683	-4.060	-0.872	-0.837	-0.176
2753	-0.679	-0.340	3.455	4.442	0.747	0.730	-0.660	-1.019	2.776	3.762	0.068	0.051	-1.339
2754	-1.271	-0.645	-4.033	-1.637	-1.063	-0.399	-1.302	-1.917	-5.304	-2.909	-2.334	-1.670	-2.574
2755	-1.436	-0.752	3.085	5.997	0.890	0.415	-1.475	-2.187	1.649	4.561	-0.545	-1.021	-2.911
2756	-0.556	-0.255	-3.580	-2.709	-1.137	-0.067	-0.530	-0.811	-4.136	-3.265	-1.693	-0.623	-1.086
2757	-0.121	-0.077	3.270	3.998	1.126	-0.098	-0.122	-0.198	3.149	3.877	1.004	-0.220	-0.244
2758	-0.971	-0.481	-3.351	-1.505	-1.175	0.314	-0.969	-1.452	-4.322	-2.477	-2.147	-0.658	-1.941
2759	1.222	0.625	1.950	3.289	0.995	-0.277	1.221	1.848	3.172	4.511	2.217	0.945	2.443
2760	-3.278	-1.698	1.426	-3.040	-0.392	0.222	-3.271	-4.976	-1.852	-6.318	-3.671	-3.056	-6.549
2761	-3.364	-1.751	4.153	5.004	0.163	0.175	-3.357	-5.115	0.789	1.640	-3.201	-3.189	-6.721
2762	1.295	0.633	-1.710	-6.528	0.162	-0.732	1.292	1.928	-0.415	-5.233	1.457	0.563	2.587
2763	-1.049	-0.515	-0.387	6.770	-0.443	0.846	-1.047	-1.564	-1.436	5.721	-1.492	-0.203	-2.096
2764	-0.128	-0.133	-0.427	-5.455	0.190	-1.038	-0.131	-0.261	-0.555	-5.584	0.061	-1.167	-0.260
2765	-0.559	-0.251	-0.387	6.267	-0.237	1.009	-0.534	-0.810	-0.946	5.708	-0.796	0.450	-1.093
2766	-1.482	-0.840	-0.568	-3.267	-0.138	-1.110	-1.524	-2.322	-2.051	-4.749	-1.621	-2.593	-3.006
2767	-1.402	-0.705	-0.820	7.143	-0.101	1.123	-1.436	-2.107	-2.222	5.741	-1.503	-0.279	-2.838
2768	-0.640	-0.380	-0.175	-3.583	-0.277	-1.104	-0.622	-1.020	-0.815	-4.224	-0.917	-1.745	-1.262
2769	-0.055	-0.005	-0.705	5.101	0.231	1.122	-0.051	-0.060	-0.760	5.045	0.176	1.067	-0.106
2770	-1.121	-0.627	-0.215	-2.053	-0.488	-0.986	-1.125	-1.748	-1.336	-3.174	-1.609	-2.107	-2.246
2771	1.345	0.732	-1.985	3.666	0.226	0.944	1.348	2.076	-0.640	5.011	1.571	2.289	2.693
2772	-3.397	-1.821	4.225	-0.599	0.035	-0.361	-3.394	-5.218	0.828	-3.996	-3.362	-3.758	-6.791
2773	-3.295	-1.703	1.482	2.969	-0.342	0.685	-3.287	-4.998	-1.813	-0.326	-3.637	-2.610	-6.581
2774	1.229	0.597	1.722	-2.733	0.858	-0.750	1.227	1.825	2.951	-1.504	2.086	0.478	2.455
2775	-1.027	-0.514	-3.138	2.498	-1.029	0.462	-1.026	-1.540	-4.165	1.471	-2.056	-0.565	-2.053
2776	-0.169	-0.134	3.041	-3.002	0.982	-0.842	-0.170	-0.303	2.872	-3.171	0.813	-1.012	-0.339
2777	-0.534	-0.256	-3.298	2.997	-0.983	0.715	-0.511	-0.791	-3.833	2.462	-1.517	0.181	-1.045
2778	-1.511	-0.825	2.884	-3.521	0.762	-1.070	-1.550	-2.336	1.373	-5.033	-0.749	-2.581	-3.062
2779	-1.373	-0.713	-3.655	2.749	-0.924	0.890	-1.409	-2.086	-5.028	1.376	-2.297	-0.483	-2.782
2780	-0.661	-0.358	3.122	-3.176	0.603	-1.120	-0.640	-1.019	2.462	-3.836	-0.058	-1.781	-1.300
2781	-0.018	-0.009	-3.150	2.893	-0.688	1.119	-0.015	-0.027	-3.168	2.875	-0.706	1.102	-0.033
2782	-1.145	-0.611	2.618	-3.020	0.360	-1.154	-1.147	-1.756	1.473	-4.165	-0.785	-2.299	-2.292
2783	1.400	0.746	-2.899	1.540	-0.568	0.986	1.402	2.145	-1.499	2.939	0.832	2.386	2.802
2784	-3.483	-1.877	3.108	1.768	0.417	-0.408	-3.481	-5.360	-0.375	-1.715	-3.066	-3.891	-6.964
2785	-3.400	-1.814	-0.649	4.302	-0.511	0.172	-3.396	-5.214	-4.048	0.902	-3.911	-3.228	-6.795
2786	1.303	0.674	3.697	-1.921	0.969	0.122	1.304	1.977	4.999	-0.618	2.272	1.425	2.606
2787	-1.062	-0.550	-2.093	-0.324	-0.946	-0.419	-1.062	-1.612	-3.155	-1.386	-2.008	-1.481	-2.124
2788	-0.110	-0.078	5.150	-0.618	1.131	0.149	-0.109	-0.188	5.040	-0.728	1.021	0.039	-0.219
2789	-0.572	-0.292	-3.657	-0.309	-1.082	-0.214	-0.550	-0.864	-4.228	-0.881	-1.654	-0.786	-1.121
2790	-1.456	-0.775	7.212	-0.743	1.155	-0.173	-1.493	-2.231	5.756	-2.198	-0.301	-1.629	-2.949

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2791	-1.417	-0.753	-3.363	-0.723	-1.131	-0.074	-1.454	-2.170	-4.779	-2.140	-2.548	-1.491	-2.871
2792	-0.605	-0.312	6.344	-0.327	1.073	-0.307	-0.583	-0.917	5.738	-0.932	0.467	-0.912	-1.188
2793	-0.070	-0.053	-5.576	-0.599	-1.135	0.263	-0.069	-0.124	-5.646	-0.669	-1.205	0.192	-0.140
2794	-1.087	-0.566	6.861	-0.339	0.952	-0.514	-1.087	-1.653	5.774	-1.426	-0.135	-1.601	-2.174
2795	1.351	0.707	-6.707	-1.903	-0.964	0.266	1.352	2.057	-5.356	-0.552	0.387	1.616	2.703
2796	-3.482	-1.876	5.363	4.281	0.505	-0.051	-3.479	-5.358	1.881	0.799	-2.977	-3.533	-6.961
2797	-3.482	-1.876	-2.988	1.765	-0.364	-0.409	-3.479	-5.358	-6.470	-1.717	-3.846	-3.891	-6.961
2798	1.351	0.707	3.528	1.551	0.511	0.879	1.352	2.058	4.879	2.902	1.862	2.229	2.703
2799	-1.087	-0.566	-1.677	-3.035	-0.308	-1.035	-1.087	-1.653	-2.764	-4.122	-1.395	-2.122	-2.175
2800	-0.070	-0.053	4.340	2.899	0.620	0.993	-0.069	-0.124	4.270	2.829	0.550	0.923	-0.139
2801	-0.605	-0.312	-2.952	-3.176	-0.550	-0.982	-0.583	-0.917	-3.557	-3.781	-1.155	-1.587	-1.188
2802	-1.417	-0.753	6.321	2.745	0.880	0.769	-1.454	-2.170	4.904	1.327	-0.537	-0.648	-2.871
2803	-1.456	-0.775	-1.704	-3.515	-0.662	-0.922	-1.493	-2.231	-3.160	-4.971	-2.118	-2.378	-2.949
2804	-0.572	-0.293	4.550	2.992	0.905	0.611	-0.550	-0.865	3.978	2.420	0.333	0.039	-1.122
2805	-0.110	-0.078	-4.199	-3.001	-0.899	-0.692	-0.109	-0.188	-4.309	-3.111	-1.009	-0.802	-0.219
2806	-1.062	-0.550	5.379	2.498	0.966	0.375	-1.062	-1.612	4.317	1.436	-0.096	-0.687	-2.124
2807	1.303	0.674	-5.461	-2.753	-0.755	-0.589	1.304	1.977	-4.158	-1.449	0.548	0.714	2.607
2808	-3.400	-1.814	6.956	2.988	0.205	0.456	-3.396	-5.214	3.556	-0.412	-3.195	-2.944	-6.796
2809	-3.483	-1.877	3.641	-0.619	-0.042	-0.612	-3.480	-5.360	0.158	-4.102	-3.525	-4.095	-6.963
2810	1.399	0.746	-1.532	3.668	-0.281	1.108	1.402	2.145	-0.133	5.067	1.118	2.508	2.801
2811	-1.145	-0.611	2.014	-2.063	0.562	-1.069	-1.147	-1.756	0.869	-3.208	-0.583	-2.214	-2.292
2812	-0.018	-0.009	-0.384	5.130	-0.301	1.279	-0.015	-0.026	-0.402	5.112	-0.319	1.261	-0.033
2813	-0.661	-0.358	0.887	-3.629	0.355	-1.220	-0.640	-1.019	0.226	-4.289	-0.306	-1.880	-1.301
2814	-1.373	-0.713	1.990	7.195	0.053	1.295	-1.409	-2.086	0.617	5.822	-1.320	-0.078	-2.782
2815	-1.511	-0.825	2.549	-3.331	0.245	-1.278	-1.550	-2.336	1.037	-4.842	-1.266	-2.790	-3.062
2816	-0.534	-0.256	0.378	6.321	0.179	1.195	-0.511	-0.791	-0.157	5.787	-0.355	0.660	-1.045
2817	-0.169	-0.134	0.229	-5.527	-0.095	-1.285	-0.170	-0.303	0.060	-5.696	-0.265	-1.454	-0.339
2818	-1.027	-0.514	1.537	6.821	0.402	1.055	-1.026	-1.540	0.510	5.795	-0.625	0.028	-2.052
2819	1.228	0.596	-0.833	-6.623	-0.062	-1.128	1.226	1.825	0.395	-5.395	1.166	0.100	2.455
2820	-3.295	-1.703	2.861	5.199	-0.276	0.715	-3.286	-4.997	-0.434	1.905	-3.571	-2.580	-6.581
2821	-3.397	-1.821	6.985	-3.092	0.196	-0.293	-3.394	-5.218	3.588	-6.489	-3.202	-3.691	-6.791
2822	1.345	0.732	-5.715	3.535	-0.811	0.512	1.349	2.077	-4.370	4.879	0.534	1.857	2.693
2823	-1.121	-0.627	5.715	-1.653	1.042	-0.352	-1.125	-1.748	4.595	-2.774	-0.079	-1.473	-2.246
2824	-0.056	-0.005	-4.487	4.319	-0.950	0.630	-0.051	-0.060	-4.543	4.264	-1.006	0.574	-0.107
2825	-0.640	-0.380	4.886	-2.918	0.964	-0.589	-0.622	-1.020	4.246	-3.558	0.324	-1.229	-1.262
2826	-1.402	-0.705	-1.950	6.288	-0.690	0.874	-1.436	-2.106	-3.351	4.886	-2.092	-0.528	-2.837
2827	-1.483	-0.840	6.607	-1.662	0.910	-0.677	-1.524	-2.322	5.124	-3.145	-0.573	-2.159	-3.007
2828	-0.559	-0.251	-3.131	4.509	-0.553	0.875	-0.534	-0.810	-3.690	3.950	-1.112	0.316	-1.093
2829	-0.128	-0.133	4.518	-4.142	0.603	-0.867	-0.131	-0.261	4.389	-4.271	0.474	-0.995	-0.260
2830	-1.049	-0.515	-1.771	5.332	-0.282	0.911	-1.047	-1.564	-2.820	4.283	-1.331	-0.138	-2.096
2831	1.295	0.633	3.521	-5.364	0.420	-0.630	1.292	1.928	4.816	-4.069	1.715	0.665	2.587
2832	-3.364	-1.751	-3.072	6.773	-0.281	0.003	-3.357	-5.115	-6.437	3.409	-3.645	-3.361	-6.721
2833	0.947	0.518	-3.306	0.080	-0.354	-0.189	0.926	1.466	-2.359	1.027	0.593	0.758	1.873
2834	0.974	0.478	2.755	-2.628	0.522	0.220	1.013	1.451	3.729	-1.654	1.496	1.194	1.987
2835	-1.048	-0.533	-4.397	1.993	-0.796	-0.597	-1.091	-1.581	-5.446	0.945	-1.844	-1.646	-2.140

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
2836	1.784	0.923	2.819	-2.502	0.781	0.497	1.819	2.706	4.602	-0.718	2.565	2.281	3.602
2837	-1.152	-0.617	-4.232	2.125	-1.009	-0.492	-1.215	-1.769	-5.384	0.972	-2.161	-1.644	-2.368
2838	1.384	0.701	3.439	-1.914	1.025	0.241	1.420	2.086	4.823	-0.530	2.410	1.625	2.804
2839	1.230	0.648	-7.031	-2.180	-1.199	-0.386	1.263	1.878	-5.801	-0.950	0.030	0.844	2.493
2840	-1.030	-0.578	6.748	2.427	1.274	0.135	-1.091	-1.608	5.718	1.396	0.244	-0.896	-2.121
2841	1.763	0.911	-7.458	-2.913	-1.150	-0.139	1.794	2.674	-5.695	-1.151	0.613	1.623	3.556
2842	-1.096	-0.561	7.134	2.457	1.182	-0.002	-1.136	-1.657	6.039	1.361	0.086	-1.097	-2.232
2843	1.048	0.502	-7.454	-3.081	-0.829	-0.323	1.083	1.551	-6.406	-2.033	0.219	0.726	2.131
2844	0.874	0.485	4.674	0.491	0.635	0.320	0.855	1.359	5.548	1.365	1.509	1.194	1.730
2845	0.875	0.485	-4.305	-2.303	-0.613	-0.209	0.855	1.359	-3.430	-1.429	0.262	0.665	1.730
2846	1.048	0.502	3.954	-0.981	0.777	0.338	1.083	1.550	5.003	0.067	1.825	1.386	2.131
2847	-1.096	-0.561	-4.562	-0.068	-0.812	-0.825	-1.136	-1.657	-5.657	-1.164	-1.907	-1.921	-2.232
2848	1.763	0.911	3.869	-0.637	0.882	0.696	1.794	2.674	5.632	1.126	2.645	2.459	3.556
2849	-1.030	-0.577	-4.242	-0.266	-0.961	-0.784	-1.091	-1.608	-5.272	-1.297	-1.991	-1.815	-2.122
2850	1.230	0.648	3.884	0.133	1.093	0.556	1.263	1.878	5.114	1.363	2.323	1.785	2.492
2851	1.384	0.701	-2.968	-4.342	-0.927	-0.571	1.420	2.085	-1.584	-2.958	0.457	0.813	2.804
2852	-1.153	-0.617	3.064	4.169	1.101	0.385	-1.215	-1.769	1.911	3.016	-0.052	-0.767	-2.368
2853	1.784	0.922	-2.315	-4.912	-0.937	-0.218	1.819	2.706	-0.531	-3.128	0.846	1.565	3.602
2854	-1.048	-0.533	2.598	3.830	1.014	0.152	-1.091	-1.581	1.550	2.782	-0.034	-0.897	-2.140
2855	0.974	0.477	-0.608	-4.779	-0.568	-0.236	1.013	1.451	0.366	-3.805	0.406	0.738	1.987
2856	0.948	0.518	-0.521	4.136	0.430	0.148	0.926	1.466	0.427	5.084	1.378	1.096	1.873
2857	0.921	0.445	-3.143	-3.484	-0.319	-0.364	0.896	1.366	-2.222	-2.562	0.602	0.557	1.817
2858	1.035	0.600	2.675	2.859	0.287	0.694	1.080	1.635	3.710	3.894	1.322	1.728	2.115
2859	-1.093	-0.632	-0.912	-4.702	0.037	-1.018	-1.141	-1.725	-2.005	-5.795	-1.056	-2.111	-2.234
2860	1.844	1.045	1.140	3.072	0.017	1.072	1.884	2.888	2.984	4.916	1.861	2.915	3.728
2861	-1.205	-0.695	-0.382	-4.603	0.053	-1.188	-1.270	-1.900	-1.586	-5.808	-1.152	-2.393	-2.475
2862	1.420	0.792	0.600	3.770	0.127	1.222	1.459	2.212	2.020	5.190	1.547	2.641	2.879
2863	1.365	0.699	0.741	-7.513	0.104	-1.234	1.399	2.064	2.106	-6.148	1.469	0.131	2.764
2864	-1.141	-0.593	-0.506	7.130	0.079	1.304	-1.201	-1.734	-1.647	5.989	-1.062	0.163	-2.342
2865	1.798	0.960	1.298	-7.895	-0.007	-1.164	1.833	2.758	3.096	-6.097	1.791	0.634	3.631
2866	-1.018	-0.519	-1.021	7.459	0.067	1.229	-1.060	-1.537	-2.039	6.441	-0.951	0.211	-2.078
2867	0.998	0.528	2.828	-7.940	0.252	-0.923	1.038	1.525	3.825	-6.942	1.250	0.075	2.035
2868	0.976	0.533	-3.079	5.033	-0.212	0.696	0.955	1.509	-2.102	6.009	0.765	1.672	1.931
2869	0.920	0.462	-0.543	-4.545	0.370	-0.845	0.895	1.382	0.377	-3.625	1.290	0.075	1.815
2870	1.048	0.590	-0.479	3.921	-0.473	0.935	1.091	1.638	0.569	4.969	0.575	1.983	2.140
2871	-1.073	-0.590	2.429	-4.496	0.874	-0.839	-1.118	-1.663	1.357	-5.569	-0.199	-1.912	-2.191
2872	1.854	1.026	-2.180	3.544	-0.819	0.912	1.892	2.880	-0.326	5.398	1.035	2.766	3.746
2873	-1.203	-0.670	2.845	-3.978	0.953	-0.901	-1.266	-1.873	1.642	-5.181	-0.250	-2.104	-2.469
2874	1.431	0.770	-2.839	3.512	-0.802	1.049	1.468	2.201	-1.408	4.943	0.629	2.480	2.899
2875	1.354	0.714	3.584	-2.766	0.958	-0.875	1.389	2.068	4.938	-1.412	2.312	0.479	2.743
2876	-1.131	-0.617	-4.044	2.777	-0.833	1.044	-1.193	-1.748	-5.175	1.647	-1.964	-0.087	-2.323
2877	1.774	0.965	3.616	-2.103	0.820	-0.893	1.811	2.740	5.390	-0.329	2.595	0.882	3.585
2878	-1.008	-0.542	-4.550	2.374	-0.782	0.961	-1.052	-1.550	-5.558	1.366	-1.790	-0.047	-2.061
2879	0.967	0.522	3.985	-0.397	0.835	-0.532	1.009	1.489	4.953	0.571	1.802	0.436	1.976
2880	1.024	0.557	-4.598	-0.725	-0.682	0.428	1.002	1.581	-3.575	0.299	0.342	1.452	2.026

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
2881	0.959	0.511	5.065	-3.108	0.751	-0.315	0.936	1.469	6.024	-2.149	1.709	0.643	1.895
2882	1.010	0.549	-7.907	2.807	-0.910	0.301	1.052	1.559	-6.897	3.818	0.100	1.311	2.062
2883	-1.059	-0.576	7.441	-0.936	1.149	0.032	-1.104	-1.635	6.382	-1.995	0.090	-1.027	-2.163
2884	1.818	0.994	-7.865	1.268	-1.134	0.034	1.855	2.812	-6.047	3.086	0.684	1.852	3.673
2885	-1.182	-0.651	7.129	-0.416	1.242	0.048	-1.245	-1.834	5.947	-1.599	0.060	-1.134	-2.427
2886	1.393	0.739	-7.510	0.715	-1.218	0.140	1.429	2.132	-6.118	2.108	0.175	1.533	2.822
2887	1.381	0.736	3.794	0.700	1.195	0.099	1.417	2.117	5.175	2.081	2.576	1.480	2.798
2888	-1.173	-0.650	-4.638	-0.401	-1.212	0.087	-1.236	-1.823	-5.811	-1.574	-2.385	-1.086	-2.409
2889	1.807	0.990	3.137	1.253	1.117	-0.012	1.845	2.797	4.945	3.061	2.924	1.795	3.652
2890	-1.055	-0.576	-4.805	-0.923	-1.135	0.070	-1.100	-1.631	-5.860	-1.978	-2.190	-0.985	-2.155
2891	0.992	0.539	3.011	2.796	0.885	0.244	1.034	1.531	4.003	3.788	1.877	1.236	2.026
2892	1.013	0.551	-3.840	-3.093	-0.718	-0.163	0.992	1.565	-2.826	-2.080	0.295	0.850	2.005
2893	1.013	0.552	4.290	-0.723	0.685	0.408	0.992	1.565	5.304	0.290	1.698	1.421	2.005
2894	0.992	0.539	-5.140	-0.402	-0.838	-0.478	1.034	1.531	-4.148	0.590	0.154	0.514	2.026
2895	-1.055	-0.576	4.191	2.386	0.778	0.868	-1.100	-1.631	3.136	1.331	-0.277	-0.187	-2.155
2896	1.807	0.990	-5.303	-2.110	-0.811	-0.820	1.845	2.797	-3.495	-0.303	0.996	0.987	3.652
2897	-1.173	-0.649	4.507	2.778	0.832	0.943	-1.236	-1.823	3.333	1.605	-0.341	-0.231	-2.409
2898	1.381	0.736	-4.634	-2.759	-0.943	-0.797	1.417	2.117	-3.253	-1.377	0.438	0.584	2.799
2899	1.393	0.739	0.176	3.503	0.732	0.945	1.429	2.132	1.569	4.896	2.125	2.338	2.822
2900	-1.182	-0.651	-0.270	-3.962	-0.875	-0.828	-1.245	-1.833	-1.452	-5.144	-2.057	-2.010	-2.427
2901	1.818	0.994	-0.534	3.534	0.748	0.811	1.855	2.812	1.284	5.352	2.566	2.629	3.674
2902	-1.059	-0.576	-0.222	-4.476	-0.811	-0.783	-1.104	-1.635	-1.281	-5.535	-1.870	-1.843	-2.163
2903	1.010	0.549	-0.806	3.918	0.393	0.839	1.052	1.559	0.204	4.928	1.403	1.849	2.062
2904	0.959	0.511	-2.474	-4.519	-0.263	-0.722	0.936	1.470	-1.515	-3.560	0.696	0.237	1.895
2905	1.024	0.557	0.238	5.028	0.231	0.821	1.002	1.581	1.262	6.052	1.255	1.845	2.026
2906	0.967	0.522	-2.917	-7.905	-0.251	-0.979	1.009	1.489	-1.950	-6.938	0.717	-0.012	1.976
2907	-1.008	-0.542	2.246	7.432	-0.102	1.235	-1.052	-1.551	1.238	6.424	-1.110	0.227	-2.061
2908	1.774	0.965	-2.767	-7.870	0.023	-1.221	1.811	2.740	-0.992	-6.096	1.797	0.553	3.585
2909	-1.131	-0.617	2.292	7.124	-0.112	1.338	-1.192	-1.748	1.161	5.994	-1.243	0.207	-2.323
2910	1.354	0.714	-2.038	-7.516	-0.086	-1.306	1.389	2.068	-0.684	-6.162	1.268	0.048	2.743
2911	1.431	0.771	-2.345	3.785	-0.202	1.290	1.468	2.202	-0.914	5.216	1.229	2.721	2.899
2912	-1.203	-0.670	2.583	-4.638	-0.001	-1.290	-1.266	-1.873	1.380	-5.841	-1.204	-2.493	-2.469
2913	1.854	1.026	-3.089	3.116	-0.093	1.206	1.892	2.880	-1.235	4.970	1.760	3.059	3.746
2914	-1.073	-0.591	2.517	-4.800	0.000	-1.196	-1.118	-1.663	1.445	-5.872	-1.072	-2.269	-2.191
2915	1.048	0.590	-3.260	2.977	-0.363	0.973	1.092	1.638	-2.212	4.025	0.685	2.022	2.140
2916	0.920	0.462	0.705	-3.757	0.387	-0.846	0.895	1.382	1.625	-2.837	1.307	0.074	1.815
2917	0.976	0.533	-2.607	4.346	-0.297	0.669	0.955	1.510	-1.631	5.323	0.679	1.646	1.931
2918	0.997	0.527	-0.662	-5.143	0.436	-0.846	1.038	1.525	0.336	-4.145	1.433	0.152	2.035
2919	-1.018	-0.518	-0.521	4.162	-0.891	0.833	-1.060	-1.536	-1.538	3.144	-1.909	-0.185	-2.078
2920	1.798	0.960	-0.340	-5.291	0.797	-0.828	1.833	2.758	1.458	-3.493	2.595	0.970	3.631
2921	-1.141	-0.593	-0.552	4.480	-0.940	0.881	-1.201	-1.734	-1.693	3.339	-2.081	-0.260	-2.342
2922	1.365	0.699	0.374	-4.611	0.769	-0.955	1.399	2.064	1.740	-3.246	2.134	0.411	2.764
2923	1.420	0.792	-4.871	0.145	-0.981	0.764	1.459	2.212	-3.451	1.565	0.439	2.184	2.879
2924	-1.205	-0.695	4.686	-0.225	0.838	-0.863	-1.270	-1.900	3.481	-1.430	-0.367	-2.068	-2.475
2925	1.844	1.044	-5.455	-0.588	-0.799	0.737	1.884	2.888	-3.612	1.256	1.045	2.581	3.728

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON		
											CASE11	CASE12	CASE13
2971	2.344	1.270	1.216	0.205	-0.092	0.600	2.456	3.615	3.560	2.549	2.252	2.945	4.800
2972	-3.175	-1.688	-1.027	-0.410	-0.124	-0.799	-3.257	-4.863	-4.202	-3.585	-3.299	-3.974	-6.431
2973	3.820	2.029	1.243	0.560	0.173	0.919	3.910	5.849	5.063	4.380	3.992	4.739	7.729
2974	-4.783	-2.554	-0.646	-0.878	-0.299	-0.904	-4.857	-7.337	-5.428	-5.661	-5.082	-5.687	-9.640
2975	6.145	3.280	0.898	1.181	0.401	1.137	6.234	9.424	7.043	7.325	6.546	7.281	12.379
2976	-7.573	-4.046	-0.454	0.514	-0.595	-1.003	-7.689	-11.619	-8.027	-7.059	-8.167	-8.576	-15.262
2977	-7.419	-3.923	9.651	-1.513	0.001	-0.913	-7.532	-11.342	2.232	-8.932	-7.418	-8.332	-14.951
2978	5.974	3.144	-7.314	2.534	0.244	0.817	6.061	9.119	-1.340	8.509	6.219	6.792	12.035
2979	-4.644	-2.444	5.625	-1.990	-0.201	-0.629	-4.715	-7.088	0.981	-6.634	-4.845	-5.272	-9.359
2980	3.666	1.906	-4.481	1.603	0.270	0.524	3.753	5.572	-0.816	5.269	3.936	4.190	7.418
2981	-3.036	-1.576	3.649	-1.353	-0.244	-0.429	-3.115	-4.612	0.613	-4.388	-3.280	-3.465	-6.150
2982	2.211	1.162	-2.257	0.854	0.251	0.143	2.319	3.373	-0.047	3.065	2.461	2.353	4.529
2983	2.289	1.217	-3.609	0.882	-0.319	0.359	2.398	3.506	-1.320	3.171	1.970	2.648	4.687
2984	-3.108	-1.628	5.205	-1.379	0.303	-0.633	-3.188	-4.736	2.097	-4.487	-2.805	-3.741	-6.296
2985	3.745	1.963	-6.203	1.633	-0.335	0.750	3.834	5.709	-2.458	5.378	3.410	4.495	7.579
2986	-4.707	-2.490	7.766	-2.014	0.260	-0.816	-4.779	-7.197	3.058	-6.722	-4.447	-5.524	-9.487
2987	6.052	3.200	-9.917	2.563	-0.317	1.046	6.139	9.252	-3.866	8.615	5.735	7.097	12.191
2988	-7.533	-4.008	8.419	-1.549	0.169	-1.239	-7.648	-11.541	0.886	-9.082	-7.364	-8.772	-15.181
2989	-7.533	-4.007	4.320	0.507	0.874	-0.912	-7.648	-11.540	-3.213	-7.027	-6.660	-8.445	-15.181
2990	6.052	3.200	-4.106	1.182	-0.601	0.905	6.139	9.251	1.946	7.234	5.451	6.956	12.191
2991	-4.707	-2.489	2.988	-0.879	0.463	-0.713	-4.779	-7.196	-1.720	-5.586	-4.244	-5.421	-9.487
2992	3.746	1.962	-0.887	0.556	-0.366	0.719	3.834	5.708	2.859	4.302	3.379	4.464	7.579
2993	-3.109	-1.628	0.400	-0.406	0.299	-0.618	-3.188	-4.736	-2.708	-3.515	-2.809	-3.726	-6.297
2994	2.290	1.217	0.849	0.192	-0.105	0.432	2.399	3.507	3.139	2.482	2.185	2.722	4.689
2995	2.211	1.161	-9.113	1.464	-0.351	-0.120	2.319	3.372	-6.902	3.675	1.860	2.091	4.530
2996	-3.036	-1.576	9.811	-1.264	0.539	-0.090	-3.114	-4.612	6.775	-4.300	-2.497	-3.126	-6.150
2997	3.667	1.906	-11.300	1.505	-0.631	0.135	3.754	5.573	-7.633	5.172	3.036	3.802	7.420
2998	-4.645	-2.444	11.564	-0.863	0.653	-0.256	-4.716	-7.088	6.919	-5.508	-3.992	-4.901	-9.360
2999	5.974	3.144	-14.536	1.163	-0.832	0.349	6.061	9.118	-8.561	7.138	5.143	6.323	12.035
3000	-7.419	-3.923	17.860	-0.725	0.755	-0.570	-7.532	-11.342	10.441	-8.145	-6.665	-7.989	-14.951
3001	-7.572	-4.047	13.183	9.706	1.229	-0.233	-7.688	-11.618	5.611	2.134	-6.343	-7.805	-15.260
3002	6.143	3.280	-9.202	-7.409	-1.163	0.479	6.234	9.423	-3.059	-1.265	4.980	6.622	12.377
3003	-4.783	-2.555	7.177	5.703	0.913	-0.394	-4.857	-7.338	2.395	0.920	-3.870	-5.177	-9.640
3004	3.819	2.030	-6.411	-4.556	-0.839	0.497	3.910	5.849	-2.591	-0.736	2.980	4.316	7.730
3005	-3.175	-1.688	5.393	3.716	0.713	-0.449	-3.257	-4.863	2.218	0.541	-2.461	-3.624	-6.432
3006	2.344	1.271	-4.794	-2.318	-0.431	0.459	2.456	3.615	-2.450	0.027	1.913	2.803	4.800
3007	2.155	1.109	-4.009	-3.548	-0.154	-0.527	2.262	3.264	-1.854	-1.393	2.001	1.628	4.417
3008	-3.000	-1.538	4.662	5.156	0.455	0.485	-3.077	-4.538	1.662	2.156	-2.545	-2.515	-6.077
3009	3.626	1.864	-5.602	-6.149	-0.553	-0.536	3.711	5.489	-1.976	-2.523	3.073	3.090	7.337
3010	-4.630	-2.424	6.530	7.733	0.681	0.408	-4.700	-7.054	1.899	3.103	-3.949	-4.222	-9.331
3011	5.958	3.120	-8.414	-9.878	-0.881	-0.496	6.043	9.078	-2.456	-3.920	5.077	5.462	12.001
3012	-7.350	-3.852	12.217	8.280	0.874	0.449	-7.460	-11.202	4.867	0.930	-6.476	-6.901	-14.810
3013	-7.393	-3.917	17.776	4.161	0.715	0.987	-7.506	-11.310	10.383	-3.231	-6.678	-6.405	-14.899
3014	6.009	3.196	-14.763	-4.050	-0.915	-0.585	6.099	9.206	-8.754	1.960	5.094	5.424	12.108
3015	-4.673	-2.487	11.751	2.942	0.722	0.450	-4.747	-7.160	7.077	-1.732	-3.952	-4.223	-9.421

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3016	3.679	1.933	-11.416	-0.817	-0.680	-0.389	3.769	5.612	-7.737	2.862	2.999	3.289	7.448
3017	-3.047	-1.601	9.916	0.336	0.583	0.320	-3.128	-4.648	6.869	-2.711	-2.464	-2.727	-6.175
3018	2.210	1.170	-9.144	0.919	-0.369	-0.164	2.320	3.380	-6.934	3.129	1.840	2.046	4.529
3019	2.290	1.208	0.880	-9.183	-0.086	-0.292	2.397	3.498	3.171	-6.892	2.204	1.998	4.688
3020	-3.116	-1.630	0.428	9.865	0.312	0.441	-3.195	-4.746	-2.688	6.748	-2.804	-2.676	-6.311
3021	3.756	1.966	-0.919	-11.359	-0.380	-0.523	3.842	5.721	2.837	-7.604	3.375	3.233	7.598
3022	-4.717	-2.493	3.044	11.581	0.518	0.502	-4.788	-7.209	-1.673	6.864	-4.199	-4.215	-9.504
3023	6.062	3.204	-4.174	-14.556	-0.667	-0.648	6.148	9.266	1.888	-8.495	5.395	5.414	12.210
3024	-7.471	-3.950	4.076	17.818	0.832	0.590	-7.582	-11.421	-3.395	10.348	-6.638	-6.881	-15.053
3025	2.963	1.523	-5.071	-9.674	-0.454	-1.166	3.070	4.486	-2.108	-6.711	2.509	1.797	6.033
3026	-0.211	-0.111	0.305	0.305	0.000	0.034	-0.211	-0.322	0.094	0.094	-0.211	-0.177	-0.421
3027	-0.211	-0.111	0.305	0.305	0.000	0.034	-0.211	-0.322	0.094	0.094	-0.211	-0.177	-0.421
3028	-3.262	-1.725	4.252	6.381	0.049	0.424	-3.419	-4.986	0.990	3.119	-3.212	-2.837	-6.681
3029	-0.211	-0.111	0.305	0.305	0.000	0.034	-0.211	-0.322	0.094	0.094	-0.211	-0.177	-0.421
3030	-0.211	-0.111	0.305	0.305	0.000	0.034	-0.211	-0.322	0.094	0.094	-0.211	-0.177	-0.421
3031	2.968	1.508	-3.960	-9.366	0.200	-0.741	3.077	4.475	-0.992	-6.398	3.168	2.227	6.045
3032	-0.210	-0.111	-0.073	0.305	-0.024	0.024	-0.210	-0.321	-0.283	0.094	-0.234	-0.186	-0.420
3033	-0.211	-0.111	-0.073	0.305	-0.024	0.024	-0.211	-0.322	-0.284	0.094	-0.235	-0.187	-0.422
3034	-3.262	-1.724	-1.201	5.990	-0.226	0.330	-3.419	-4.985	-4.463	2.728	-3.488	-2.932	-6.681
3035	-0.211	-0.111	-0.073	0.305	-0.024	0.024	-0.211	-0.322	-0.284	0.094	-0.235	-0.187	-0.422
3036	-0.210	-0.111	-0.073	0.305	-0.024	0.024	-0.210	-0.321	-0.283	0.094	-0.234	-0.186	-0.420
3037	2.963	1.523	5.037	-5.465	0.984	-0.615	3.070	4.486	7.999	-2.503	3.947	2.348	6.033
3038	-0.211	-0.111	-0.073	0.305	-0.034	0.000	-0.211	-0.322	-0.284	0.094	-0.245	-0.211	-0.421
3039	-0.211	-0.111	-0.073	0.305	-0.034	0.000	-0.211	-0.322	-0.284	0.094	-0.245	-0.211	-0.421
3040	-3.262	-1.725	-1.259	4.252	-0.364	0.049	-3.419	-4.986	-4.520	0.990	-3.625	-3.212	-6.681
3041	-0.211	-0.111	-0.073	0.305	-0.034	0.000	-0.211	-0.322	-0.284	0.094	-0.245	-0.211	-0.421
3042	-0.211	-0.111	-0.073	0.305	-0.034	0.000	-0.211	-0.322	-0.284	0.094	-0.245	-0.211	-0.421
3043	3.006	1.591	4.883	-3.820	0.962	0.318	3.118	4.597	7.889	-0.814	3.968	3.323	6.124
3044	-0.210	-0.111	-0.073	-0.073	-0.024	-0.024	-0.210	-0.321	-0.283	-0.283	-0.234	-0.234	-0.420
3045	-0.211	-0.111	-0.073	-0.073	-0.024	-0.024	-0.211	-0.322	-0.284	-0.284	-0.235	-0.235	-0.422
3046	-3.262	-1.724	-1.201	-1.201	-0.226	-0.226	-3.419	-4.985	-4.463	-4.463	-3.488	-3.488	-6.681
3047	-0.211	-0.111	-0.073	-0.073	-0.024	-0.024	-0.211	-0.322	-0.284	-0.284	-0.235	-0.235	-0.421
3048	-0.211	-0.111	-0.073	-0.073	-0.024	-0.024	-0.211	-0.322	-0.284	-0.284	-0.235	-0.235	-0.422
3049	3.021	1.592	-3.846	4.919	0.323	1.009	3.132	4.613	-0.826	7.940	3.344	4.030	6.153
3050	-0.211	-0.111	0.305	-0.073	0.000	-0.034	-0.211	-0.322	0.094	-0.284	-0.211	-0.245	-0.421
3051	-0.211	-0.111	0.305	-0.073	0.000	-0.034	-0.211	-0.322	0.094	-0.284	-0.211	-0.245	-0.421
3052	-3.262	-1.725	4.252	-1.259	0.049	-0.364	-3.419	-4.986	0.990	-4.520	-3.212	-3.625	-6.681
3053	-0.211	-0.111	0.305	-0.073	0.000	-0.034	-0.211	-0.322	0.094	-0.284	-0.211	-0.245	-0.421
3054	-0.211	-0.111	0.305	-0.073	0.000	-0.034	-0.211	-0.322	0.094	-0.284	-0.211	-0.245	-0.421
3055	3.000	1.571	-5.395	4.926	-0.513	0.967	3.111	4.572	-2.395	7.926	2.488	3.968	6.111
3056	-0.211	-0.111	0.305	-0.073	0.024	-0.024	-0.211	-0.322	0.094	-0.284	-0.186	-0.235	-0.421
3057	-0.210	-0.111	0.305	-0.073	0.024	-0.024	-0.210	-0.321	0.094	-0.283	-0.186	-0.234	-0.420
3058	-3.262	-1.724	5.990	-1.201	0.330	-0.226	-3.419	-4.986	2.728	-4.463	-2.932	-3.488	-6.681
3059	-0.211	-0.111	0.305	-0.073	0.024	-0.024	-0.211	-0.322	0.094	-0.284	-0.187	-0.235	-0.422
3060	-0.210	-0.111	0.305	-0.073	0.024	-0.024	-0.210	-0.321	0.094	-0.283	-0.186	-0.234	-0.420

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3061	3.020	1.592	-9.752	-3.801	-1.098	0.382	3.132	4.613	-6.731	-0.780	1.923	3.402	6.152
3062	-0.211	-0.111	0.305	0.305	0.034	0.000	-0.211	-0.322	0.094	0.094	-0.177	-0.211	-0.421
3063	-0.211	-0.111	0.305	0.305	0.034	0.000	-0.211	-0.322	0.094	0.094	-0.177	-0.211	-0.421
3064	-3.262	-1.725	6.381	4.252	0.424	0.049	-3.419	-4.986	3.119	0.990	-2.837	-3.212	-6.681
3065	-0.211	-0.111	0.305	0.305	0.034	0.000	-0.211	-0.322	0.094	0.094	-0.177	-0.211	-0.421
3066	-0.211	-0.111	0.305	0.305	0.034	0.000	-0.211	-0.322	0.094	0.094	-0.177	-0.211	-0.421
3067	3.006	1.591	-9.691	-5.417	-1.061	-0.525	3.118	4.597	-6.685	-2.411	1.945	2.481	6.124
3068	-0.210	-0.111	0.305	0.305	0.024	0.024	-0.210	-0.321	0.094	0.094	-0.186	-0.186	-0.420
3069	-0.211	-0.111	0.305	0.305	0.024	0.024	-0.211	-0.322	0.094	0.094	-0.187	-0.187	-0.422
3070	-3.262	-1.724	5.990	5.990	0.330	0.330	-3.419	-4.985	2.728	2.728	-2.932	-2.932	-6.681
3071	-0.211	-0.111	0.305	0.305	0.024	0.024	-0.211	-0.322	0.094	0.094	-0.187	-0.187	-0.422
3072	-0.210	-0.111	0.305	0.305	0.024	0.024	-0.210	-0.321	0.094	0.094	-0.186	-0.186	-0.420
3073	9.506	4.747	-2.646	-8.999	-0.315	0.775	9.483	14.253	6.860	0.507	9.191	10.281	18.989
3074	8.157	4.102	-1.984	-7.597	-0.337	0.818	8.146	12.259	6.173	0.560	7.819	8.975	16.303
3075	8.157	4.102	-1.243	-7.626	-0.336	0.820	8.146	12.259	6.914	0.531	7.821	8.977	16.303
3076	9.506	4.747	-0.859	-9.074	-0.324	0.775	9.483	14.253	8.647	0.432	9.182	10.281	18.989
3077	8.795	4.390	-0.563	-8.417	-0.365	0.691	8.774	13.185	8.232	0.378	8.431	9.486	17.569
3078	6.315	3.176	-0.686	-5.928	-0.479	0.547	6.306	9.491	5.628	0.387	5.836	6.862	12.621
3079	5.112	2.575	-0.181	-4.671	-0.329	0.692	5.105	7.686	4.931	0.440	4.782	5.804	10.216
3080	5.769	2.873	0.639	-5.327	-0.034	0.930	5.751	8.642	6.408	0.442	5.735	6.699	11.520
3081	4.155	2.091	1.111	-3.479	0.266	1.131	4.140	6.246	5.265	0.676	4.420	5.286	8.295
3082	0.864	0.560	1.549	0.470	0.780	1.622	0.867	1.424	2.413	1.334	1.644	2.486	1.731
3083	-0.481	-0.115	0.835	1.402	0.481	1.012	-0.473	-0.596	0.354	0.921	0.000	0.531	-0.954
3084	-0.481	-0.114	-0.823	0.967	-1.053	0.376	-0.472	-0.595	-1.304	0.486	-1.533	-0.104	-0.953
3085	0.864	0.560	-2.565	-0.126	-1.694	0.597	0.868	1.424	-1.700	0.739	-0.830	1.461	1.732
3086	4.155	2.091	-3.765	-3.525	-0.984	0.614	4.141	6.246	0.390	0.630	3.171	4.769	8.296
3087	5.769	2.873	-4.026	-5.166	-0.628	0.682	5.751	8.643	1.743	0.603	5.141	6.452	11.521
3088	5.112	2.575	-2.565	-4.534	-0.251	0.722	5.105	7.687	2.547	0.578	4.861	5.834	10.217
3089	6.315	3.176	-2.267	-5.798	-0.042	0.723	6.306	9.491	4.047	0.516	6.273	7.038	12.621
3090	8.795	4.390	-3.407	-8.297	-0.225	0.742	8.773	13.185	5.388	0.498	8.570	9.537	17.568
3091	4.951	2.520	-2.108	-4.335	-0.555	0.268	4.945	7.471	2.843	0.616	4.396	5.219	9.897
3092	2.900	1.481	-0.723	-2.489	-0.228	0.200	2.893	4.381	2.177	0.412	2.672	3.100	5.794
3093	2.900	1.481	0.099	-2.500	0.022	0.304	2.893	4.381	2.999	0.401	2.923	3.205	5.794
3094	4.951	2.520	0.627	-4.375	0.204	0.586	4.946	7.471	5.579	0.576	5.155	5.537	9.897
3095	5.139	2.613	0.863	-4.598	0.336	0.720	5.133	7.751	6.002	0.541	5.475	5.859	10.272
3096	3.176	1.615	0.536	-2.856	0.222	0.497	3.168	4.791	3.712	0.320	3.398	3.673	6.345
3097	3.119	1.582	0.709	-2.783	0.301	0.695	3.111	4.701	3.828	0.336	3.421	3.814	6.231
3098	4.696	2.378	1.577	-4.082	0.633	1.408	4.688	7.074	6.272	0.614	5.328	6.103	9.384
3099	4.008	2.063	1.920	-2.981	0.852	2.005	4.001	6.071	5.928	1.027	4.860	6.013	8.009
3100	0.754	0.485	1.714	0.733	0.933	2.159	0.748	1.238	2.467	1.487	1.687	2.913	1.502
3101	1.074	0.584	0.127	0.011	-0.165	1.461	1.064	1.658	1.201	1.085	0.909	2.535	2.138
3102	1.074	0.584	-0.690	0.100	-0.923	1.151	1.064	1.658	0.384	1.173	0.151	2.224	2.138
3103	0.753	0.484	-2.894	0.308	-2.185	0.868	0.748	1.238	-2.141	1.062	-1.431	1.622	1.502
3104	4.008	2.063	-5.065	-2.986	-2.016	0.817	4.001	6.071	-1.057	1.022	1.992	4.825	8.009
3105	4.696	2.378	-5.044	-3.926	-1.438	0.550	4.688	7.073	-0.349	0.770	3.257	5.245	9.384

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3106	3.119	1.582	-2.876	-2.666	-0.699	0.278	3.111	4.701	0.244	0.454	2.421	3.398	6.231
3107	3.176	1.615	-2.340	-2.760	-0.503	0.194	3.168	4.791	0.836	0.416	2.673	3.370	6.344
3108	5.139	2.613	-3.231	-4.520	-0.742	0.269	5.133	7.751	1.908	0.618	4.396	5.408	10.272
3109	2.092	1.070	-1.508	-1.318	-0.691	-0.064	2.092	3.162	0.584	0.774	1.400	2.028	4.184
3110	1.297	0.665	-0.023	-0.784	-0.207	-0.065	1.288	1.963	1.274	0.513	1.091	1.232	2.585
3111	1.297	0.665	1.026	-0.806	0.193	0.102	1.288	1.962	2.324	0.491	1.490	1.399	2.585
3112	2.092	1.070	1.739	-1.382	0.531	0.447	2.092	3.162	3.831	0.710	2.623	2.539	4.184
3113	2.288	1.168	1.929	-1.612	0.721	0.618	2.289	3.456	4.217	0.677	3.009	2.907	4.577
3114	1.904	0.967	1.739	-1.480	0.777	0.623	1.894	2.871	3.644	0.424	2.681	2.528	3.798
3115	2.146	1.089	1.804	-1.677	0.898	0.950	2.135	3.235	3.950	0.469	3.044	3.096	4.281
3116	2.838	1.451	2.258	-1.943	1.160	1.745	2.836	4.289	5.096	0.895	3.998	4.583	5.674
3117	2.309	1.203	2.370	-1.072	1.261	2.248	2.307	3.512	4.679	1.237	3.570	4.557	4.616
3118	0.450	0.253	1.549	0.902	0.873	2.042	0.439	0.703	1.999	1.353	1.323	2.492	0.889
3119	-3.831	-1.981	0.916	6.018	0.490	2.225	-3.841	-5.812	-2.916	2.187	-3.341	-1.606	-7.672
3120	-3.831	-1.981	1.922	5.444	-1.921	1.230	-3.840	-5.812	-1.909	1.613	-5.751	-2.601	-7.671
3121	0.450	0.253	-2.515	0.645	-2.056	0.832	0.439	0.704	-2.064	1.096	-1.606	1.282	0.889
3122	2.309	1.203	-5.010	-1.176	-2.475	0.703	2.307	3.512	-2.701	1.133	-0.166	3.012	4.616
3123	2.838	1.451	-5.223	-1.901	-2.047	0.417	2.836	4.289	-2.384	0.937	0.791	3.255	5.674
3124	2.146	1.089	-4.010	-1.593	-1.297	0.037	2.135	3.235	-1.864	0.553	0.849	2.183	4.281
3125	1.904	0.967	-3.309	-1.389	-0.982	-0.112	1.894	2.871	-1.405	0.516	0.922	1.793	3.798
3126	2.288	1.168	-2.980	-1.518	-0.944	-0.078	2.288	3.456	-0.692	0.770	1.344	2.210	4.577
3127	-0.210	-0.094	-1.214	1.214	-0.877	-0.437	-0.214	-0.304	-1.424	1.004	-1.086	-0.647	-0.424
3128	-0.285	-0.135	0.694	0.962	-0.192	-0.339	-0.298	-0.420	0.409	0.677	-0.477	-0.623	-0.583
3129	-0.285	-0.135	2.041	0.935	0.373	-0.100	-0.298	-0.420	1.756	0.650	0.088	-0.385	-0.583
3130	-0.210	-0.094	3.165	1.141	0.917	0.316	-0.214	-0.304	2.955	0.930	0.707	0.106	-0.424
3131	0.120	0.071	3.438	0.770	1.218	0.586	0.116	0.191	3.558	0.890	1.339	0.706	0.236
3132	0.718	0.366	3.100	-0.151	1.317	0.741	0.703	1.084	3.818	0.567	2.035	1.459	1.421
3133	1.256	0.637	2.883	-0.671	1.422	1.116	1.241	1.894	4.140	0.585	2.678	2.373	2.497
3134	1.631	0.830	2.805	-0.654	1.549	1.772	1.625	2.461	4.436	0.977	3.180	3.403	3.256
3135	1.412	0.714	2.232	-0.358	1.342	1.890	1.404	2.126	3.644	1.053	2.754	3.302	2.816
3136	-0.076	-0.062	1.011	0.995	0.744	1.376	-0.093	-0.138	0.935	0.919	0.668	1.300	-0.169
3137	-2.657	-1.394	0.418	3.721	0.415	1.084	-2.666	-4.051	-2.239	1.064	-2.242	-1.573	-5.323
3138	-0.814	-0.457	0.219	0.968	0.103	0.058	-0.812	-1.272	-0.595	0.154	-0.712	-0.756	-1.626
3139	-0.813	-0.457	1.253	0.697	-0.111	-0.023	-0.811	-1.270	0.440	-0.117	-0.924	-0.836	-1.625
3140	-2.657	-1.394	1.591	3.260	-1.051	0.484	-2.666	-4.051	-1.066	0.604	-3.708	-2.172	-5.323
3141	-0.076	-0.062	-1.720	0.797	-1.487	0.459	-0.093	-0.138	-1.796	0.720	-1.563	0.383	-0.169
3142	1.412	0.714	-4.766	-0.418	-2.275	0.399	1.404	2.126	-3.354	0.993	-0.863	1.810	2.816
3143	1.631	0.830	-5.686	-0.645	-2.336	0.164	1.624	2.461	-4.055	0.986	-0.704	1.795	3.256
3144	1.256	0.637	-5.108	-0.603	-1.778	-0.216	1.240	1.894	-3.851	0.653	-0.522	1.041	2.497
3145	0.718	0.366	-4.306	-0.058	-1.444	-0.415	0.703	1.084	-3.588	0.660	-0.726	0.303	1.421
3146	0.120	0.071	-3.201	0.873	-1.277	-0.462	0.116	0.191	-3.081	0.993	-1.156	-0.341	0.236
3147	-2.728	-1.370	-0.897	4.312	-1.135	-0.870	-2.778	-4.098	-3.625	1.584	-3.863	-3.597	-5.506
3148	-1.928	-0.944	1.509	2.644	-0.243	-0.718	-1.923	-2.872	-0.419	0.716	-2.171	-2.646	-3.851
3149	-1.928	-0.944	3.475	2.621	0.663	-0.334	-1.924	-2.872	1.547	0.694	-1.265	-2.262	-3.851
3150	-2.728	-1.370	4.943	4.229	1.388	0.202	-2.778	-4.098	2.215	1.501	-1.340	-2.526	-5.506

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3151	-2.257	-1.135	5.346	3.707	1.830	0.589	-2.307	-3.392	3.090	1.451	-0.427	-1.668	-4.564
3152	-0.465	-0.219	5.509	1.009	2.087	0.936	-0.461	-0.684	5.045	0.544	1.622	0.472	-0.925
3153	0.485	0.250	4.891	0.047	2.177	1.403	0.489	0.735	5.376	0.532	2.662	1.888	0.974
3154	0.174	0.061	3.636	1.270	2.083	1.906	0.125	0.235	3.810	1.444	2.256	2.080	0.299
3155	0.205	0.059	2.325	1.243	1.594	1.855	0.155	0.263	2.529	1.447	1.799	2.059	0.359
3156	0.335	0.123	1.187	0.447	0.832	1.465	0.342	0.457	1.522	0.782	1.167	1.800	0.677
3157	0.224	0.064	-0.656	0.726	-0.130	0.921	0.232	0.288	-0.432	0.950	0.094	1.145	0.456
3158	0.444	0.171	-2.877	1.121	-1.195	0.151	0.398	0.614	-2.433	1.564	-0.751	0.595	0.842
3159	-0.011	-0.015	-2.794	1.829	-1.322	0.103	-0.050	-0.026	-2.805	1.818	-1.334	0.091	-0.061
3160	-0.011	-0.015	3.599	1.506	0.836	1.009	-0.050	-0.027	3.588	1.495	0.825	0.998	-0.061
3161	0.444	0.170	3.109	0.825	0.713	0.953	0.398	0.614	3.553	1.269	1.157	1.397	0.841
3162	0.224	0.064	-0.129	0.338	-0.562	0.753	0.232	0.288	0.096	0.562	-0.338	0.977	0.457
3163	0.335	0.123	-3.059	0.209	-1.614	0.463	0.342	0.458	-2.724	0.544	-1.279	0.798	0.677
3164	0.205	0.059	-4.810	1.171	-2.422	0.205	0.155	0.264	-4.606	1.376	-2.217	0.410	0.359
3165	0.174	0.062	-6.462	1.257	-2.801	-0.110	0.125	0.235	-6.288	1.431	-2.628	0.064	0.299
3166	0.485	0.250	-7.403	0.135	-2.515	-0.546	0.490	0.735	-6.918	0.620	-2.030	-0.061	0.975
3167	-0.465	-0.219	-6.331	1.134	-2.130	-0.828	-0.461	-0.684	-6.795	0.669	-2.595	-1.293	-0.925
3168	-2.256	-1.136	-3.360	3.833	-1.717	-0.912	-2.307	-3.392	-5.616	1.577	-3.973	-3.168	-4.563
3169	-8.879	-4.416	-0.496	11.423	-2.407	-2.176	-8.955	-13.294	-9.375	2.545	-11.286	-11.055	-17.833
3170	-6.150	-3.010	3.025	7.121	-0.433	-1.653	-6.117	-9.160	-3.125	0.971	-6.583	-7.803	-12.267
3171	-6.150	-3.009	6.621	7.153	1.396	-0.886	-6.117	-9.159	0.472	1.003	-4.753	-7.036	-12.266
3172	-8.879	-4.415	10.086	11.519	3.161	0.159	-8.955	-13.294	1.207	2.640	-5.718	-8.719	-17.833
3173	-7.947	-3.962	12.409	10.500	4.454	1.276	-8.021	-11.909	4.463	2.553	-3.492	-6.671	-15.967
3174	-3.434	-1.690	12.361	4.153	4.823	2.026	-3.398	-5.124	8.927	0.719	1.389	-1.408	-6.832
3175	-1.517	-0.757	10.734	2.156	4.691	2.658	-1.479	-2.273	9.217	0.639	3.175	1.141	-2.996
3176	-1.806	-0.968	7.354	4.048	4.045	3.148	-1.876	-2.774	5.548	2.242	2.239	1.342	-3.682
3177	-0.572	-0.387	3.759	2.861	2.662	3.041	-0.637	-0.960	3.187	2.289	2.089	2.468	-1.209
3178	2.918	1.371	0.174	-2.442	0.619	1.900	2.964	4.289	3.092	0.476	3.537	4.818	5.882
3179	4.403	2.112	-4.936	-3.712	-1.798	0.524	4.451	6.516	-0.533	0.691	2.605	4.927	8.855
3180	3.431	1.601	-11.975	-0.274	-4.759	-1.048	3.372	5.032	-8.544	3.157	-1.327	2.383	6.803
3181	-1.053	-0.610	-16.009	5.837	-6.767	-2.312	-1.115	-1.663	-17.061	4.784	-7.820	-3.365	-2.168
3182	1.810	0.757	-9.602	1.394	-4.198	-0.942	1.735	2.568	-7.792	3.204	-2.387	0.869	3.545
3183	-0.099	-0.105	-4.826	3.849	-2.514	0.270	-0.126	-0.205	-4.925	3.750	-2.614	0.170	-0.225
3184	-0.100	-0.106	4.904	2.999	1.537	1.929	-0.126	-0.206	4.804	2.899	1.437	1.829	-0.226
3185	1.810	0.756	8.706	0.929	3.571	2.264	1.735	2.567	10.517	2.739	5.382	4.074	3.545
3186	-1.053	-0.611	17.575	4.952	6.357	3.113	-1.115	-1.664	16.522	3.899	5.304	2.060	-2.168
3187	3.431	1.600	8.821	-0.659	4.052	2.607	3.371	5.031	12.253	2.772	7.483	6.038	6.803
3188	4.403	2.112	-0.775	-3.724	0.858	1.633	4.451	6.515	3.629	0.679	5.261	6.036	8.854
3189	2.918	1.372	-5.971	-2.411	-1.811	0.904	2.965	4.290	-3.053	0.507	1.107	3.822	5.883
3190	-0.572	-0.386	-7.675	2.697	-4.044	0.273	-0.637	-0.958	-8.247	2.125	-4.616	-0.299	-1.209
3191	-1.806	-0.967	-10.199	3.965	-5.100	-0.629	-1.876	-2.773	-12.005	2.159	-6.906	-2.435	-3.682
3192	-1.517	-0.756	-13.284	2.248	-5.226	-1.448	-1.479	-2.273	-14.801	0.731	-6.743	-2.964	-2.996
3193	-3.434	-1.690	-12.188	4.266	-4.883	-2.003	-3.398	-5.124	-15.621	0.832	-8.317	-5.437	-6.832
3194	-7.946	-3.963	-6.946	10.440	-4.098	-2.292	-8.020	-11.909	-14.892	2.494	-12.045	-10.238	-15.966
3195	-3.984	-2.083	1.370	3.881	0.121	-0.400	-3.972	-6.067	-2.615	-0.103	-3.863	-4.384	-7.956

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3196	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
3197	2.023	0.953	-0.026	-1.998	0.000	-0.002	2.014	2.976	1.997	0.025	2.023	2.020	4.036
3198	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	0.000	0.000	0.001	0.001
3199	-3.984	-2.083	0.666	3.934	0.194	-0.376	-3.972	-6.067	-3.318	-0.050	-3.791	-4.360	-7.956
3200	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3201	1.905	0.896	0.673	-1.828	0.218	0.239	1.896	2.801	2.578	0.077	2.123	2.144	3.801
3202	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3203	-2.407	-1.259	0.321	2.748	0.284	0.154	-2.397	-3.666	-2.086	0.341	-2.123	-2.253	-4.804
3204	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3205	1.753	0.749	-0.179	-2.173	-0.375	-0.370	1.743	2.501	1.574	-0.420	1.378	1.382	3.495
3206	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3207	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3208	1.753	0.749	-0.491	-1.764	0.523	0.002	1.744	2.502	1.262	-0.010	2.276	1.756	3.497
3209	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-0.001	0.000	0.000	0.000	-0.001	-0.001
3210	-2.407	-1.259	0.966	2.482	-0.317	-0.095	-2.397	-3.665	-1.440	0.076	-2.723	-2.502	-4.803
3211	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3212	1.905	0.896	-1.790	-1.821	-0.326	0.015	1.896	2.801	0.116	0.084	1.579	1.920	3.801
3213	0.001	0.000	0.000	-0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.001	0.001	0.001
3214	-3.349	-1.710	0.726	3.217	-0.082	-0.440	-3.331	-5.059	-2.623	-0.132	-3.431	-3.789	-6.680
3215	0.958	0.505	0.062	-0.990	-0.004	-0.002	0.949	1.463	1.020	-0.032	0.954	0.956	1.907
3216	3.049	1.504	0.064	-2.907	-0.011	0.014	3.009	4.553	3.113	0.142	3.038	3.063	6.058
3217	0.958	0.505	0.160	-0.972	0.000	-0.003	0.949	1.463	1.118	-0.014	0.958	0.955	1.907
3218	-3.349	-1.710	1.285	3.292	0.363	-0.265	-3.331	-5.059	-2.064	-0.057	-2.986	-3.613	-6.680
3219	0.922	0.487	0.445	-0.872	0.159	0.161	0.913	1.409	1.367	0.049	1.080	1.083	1.835
3220	2.795	1.381	1.008	-2.481	0.388	0.449	2.755	4.175	3.802	0.313	3.183	3.244	5.550
3221	0.733	0.397	0.541	-0.588	0.208	0.276	0.725	1.131	1.274	0.145	0.941	1.009	1.458
3222	-2.289	-1.160	0.737	2.598	0.436	0.280	-2.273	-3.449	-1.552	0.309	-1.854	-2.010	-4.562
3223	0.091	0.008	-0.144	-0.179	-0.207	-0.198	0.083	0.099	-0.053	-0.087	-0.116	-0.107	0.174
3224	0.556	0.106	-0.237	-0.751	-0.395	-0.620	0.523	0.663	0.320	-0.194	0.162	-0.063	1.079
3225	-6.807	-3.321	3.490	7.983	2.428	0.975	-6.790	-10.128	-3.318	1.175	-4.379	-5.832	-13.597
3226	-6.808	-3.321	-0.240	6.299	-2.391	-1.031	-6.790	-10.129	-7.048	-0.509	-9.199	-7.838	-13.598
3227	0.557	0.107	0.552	-0.537	0.709	-0.163	0.524	0.664	1.109	0.020	1.266	0.394	1.081
3228	0.091	0.008	0.274	-0.121	0.279	0.003	0.083	0.099	0.365	-0.030	0.370	0.094	0.174
3229	-2.289	-1.160	0.187	2.282	-0.518	-0.115	-2.273	-3.449	-2.102	-0.007	-2.807	-2.404	-4.562
3230	0.733	0.397	-1.090	-0.684	-0.349	0.046	0.725	1.130	-0.357	0.049	0.384	0.779	1.458
3231	2.795	1.381	-2.683	-2.556	-0.602	0.042	2.755	4.175	0.111	0.238	2.193	2.837	5.550
3232	0.922	0.488	-1.005	-0.924	-0.232	0.004	0.914	1.410	-0.083	-0.002	0.690	0.926	1.836
3233	-2.900	-1.447	0.084	2.561	-0.252	-0.532	-2.867	-4.346	-2.816	-0.339	-3.152	-3.432	-5.766
3234	0.842	0.448	-0.015	-0.782	-0.046	-0.026	0.827	1.289	0.827	0.059	0.795	0.816	1.669
3235	2.135	1.065	0.099	-1.565	-0.028	0.049	2.051	3.199	2.233	0.569	2.107	2.184	4.185
3236	0.842	0.448	0.320	-0.751	0.044	0.006	0.827	1.289	1.162	0.090	0.885	0.848	1.669
3237	-2.900	-1.447	1.880	2.664	0.543	-0.217	-2.867	-4.347	-1.020	-0.236	-2.357	-3.117	-5.766
3238	0.783	0.420	0.657	-0.597	0.234	0.206	0.769	1.203	1.440	0.187	1.017	0.989	1.552
3239	1.893	0.948	0.583	-1.075	0.325	0.438	1.810	2.841	2.476	0.818	2.218	2.331	3.703
3240	0.617	0.338	0.701	-0.317	0.270	0.337	0.603	0.955	1.318	0.300	0.887	0.954	1.220

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
3241	-2.075	-1.047	1.011	2.041	0.415	0.042	-2.043	-3.122	-1.064	-0.034	-1.660	-2.033	-4.118
3242	-0.639	-0.354	0.230	0.919	-0.006	0.040	-0.652	-0.993	-0.409	0.280	-0.644	-0.599	-1.291
3243	-2.441	-1.332	0.774	3.805	0.396	0.515	-2.513	-3.773	-1.667	1.364	-2.044	-1.925	-4.954
3244	-7.452	-3.742	5.076	10.359	2.715	2.988	-7.438	-11.193	-2.376	2.907	-4.737	-4.464	-14.890
3245	-7.451	-3.741	-1.020	8.475	-4.034	0.183	-7.438	-11.192	-8.471	1.023	-11.486	-7.268	-14.889
3246	-2.441	-1.332	1.168	3.381	-0.657	0.077	-2.513	-3.773	-1.273	0.941	-3.098	-2.364	-4.953
3247	-0.639	-0.355	0.308	0.811	-0.036	0.026	-0.652	-0.993	-0.331	0.173	-0.675	-0.613	-1.291
3248	-2.075	-1.047	-0.253	1.751	-0.346	-0.274	-2.042	-3.122	-2.328	-0.324	-2.421	-2.348	-4.117
3249	0.617	0.338	-1.112	-0.466	-0.443	0.043	0.603	0.955	-0.495	0.151	0.174	0.660	1.220
3250	1.893	0.948	-1.479	-1.243	-0.555	0.077	1.810	2.842	0.414	0.650	1.338	1.970	3.703
3251	0.784	0.420	-1.013	-0.686	-0.322	-0.016	0.769	1.204	-0.230	0.098	0.461	0.768	1.553
3252	-1.968	-0.939	-0.968	1.139	-0.462	-0.616	-1.887	-2.907	-2.936	-0.829	-2.430	-2.584	-3.855
3253	0.079	0.054	-0.130	0.109	-0.060	-0.006	0.065	0.132	-0.051	0.187	0.018	0.073	0.144
3254	0.160	0.065	0.138	1.168	-0.044	0.087	0.000	0.225	0.298	1.328	0.116	0.247	0.160
3255	0.078	0.054	0.242	0.138	0.039	0.028	0.065	0.132	0.321	0.216	0.117	0.107	0.143
3256	-1.968	-0.939	2.529	1.264	0.740	-0.147	-1.887	-2.907	0.561	-0.704	-1.228	-2.115	-3.855
3257	0.041	0.035	0.431	0.264	0.156	0.152	0.027	0.076	0.472	0.305	0.196	0.192	0.068
3258	0.041	0.008	-0.394	1.595	0.139	0.282	-0.117	0.049	-0.353	1.636	0.180	0.322	-0.077
3259	-0.017	0.004	0.408	0.391	0.144	0.206	-0.030	-0.013	0.391	0.374	0.127	0.188	-0.047
3260	-1.422	-0.699	1.888	0.948	0.552	0.109	-1.340	-2.121	0.466	-0.475	-0.870	-1.314	-2.762
3261	-1.157	-0.600	0.497	1.684	0.164	0.188	-1.167	-1.757	-0.660	0.526	-0.993	-0.970	-2.325
3262	-2.303	-1.213	0.235	4.463	0.452	0.505	-2.457	-3.516	-2.068	2.160	-1.851	-1.797	-4.759
3263	-2.068	-1.022	2.303	3.378	1.183	1.262	-2.068	-3.091	0.235	1.310	-0.885	-0.806	-4.136
3264	-1.140	-0.516	-0.718	1.808	-0.339	0.424	-1.067	-1.656	-1.859	0.668	-1.479	-0.716	-2.207
3265	-1.140	-0.516	0.075	1.319	-0.068	-0.523	-1.067	-1.656	-1.065	0.179	-1.208	-0.617	-2.207
3266	-2.068	-1.022	-1.568	2.609	-1.730	0.050	-2.067	-3.090	-3.636	0.541	-3.798	-2.018	-4.135
3267	-2.303	-1.213	1.475	4.028	-0.692	0.029	-2.457	-3.516	-0.827	1.725	-2.995	-2.274	-4.760
3268	-1.158	-0.600	0.299	1.498	-0.264	0.009	-1.167	-1.758	-0.859	0.340	-1.421	-1.149	-2.325
3269	-1.422	-0.699	-1.716	0.647	-0.514	-0.334	-1.340	-2.121	-3.138	-0.776	-1.936	-1.756	-2.762
3270	-0.017	0.004	-0.247	0.258	-0.262	0.038	-0.030	-0.013	-0.264	0.241	-0.280	0.021	-0.047
3271	0.041	0.008	1.067	1.322	-0.314	0.097	-0.117	0.049	1.108	1.363	-0.273	0.138	-0.076
3272	0.041	0.036	-0.210	0.174	-0.229	0.002	0.028	0.076	-0.170	0.214	-0.189	0.042	0.068
3273	-0.157	0.034	-3.025	-1.752	-0.862	-0.752	0.042	-0.123	-3.183	-1.910	-1.019	-0.909	-0.115
3274	-0.625	-0.326	-0.257	0.916	-0.041	0.098	-0.625	-0.952	-0.882	0.291	-0.666	-0.527	-1.250
3275	-2.144	-1.116	0.286	4.390	-0.045	0.095	-2.407	-3.261	-1.859	2.245	-2.189	-2.050	-4.551
3276	-0.625	-0.327	-0.256	0.916	-0.041	0.098	-0.625	-0.952	-0.882	0.291	-0.666	-0.527	-1.250
3277	-0.157	0.033	3.588	-1.604	1.105	0.003	0.042	-0.124	3.431	-1.761	0.948	-0.154	-0.115
3278	-0.625	-0.327	-0.256	0.916	-0.098	0.041	-0.625	-0.952	-0.881	0.291	-0.723	-0.585	-1.250
3279	-2.145	-1.116	-1.749	4.794	-0.107	0.036	-2.407	-3.261	-3.894	2.649	-2.251	-2.108	-4.552
3280	-0.625	-0.327	-0.256	0.916	-0.098	0.041	-0.625	-0.952	-0.881	0.291	-0.723	-0.584	-1.250
3281	0.429	0.290	4.011	-1.822	1.087	0.721	0.633	0.720	4.440	-1.392	1.516	1.150	1.062
3282	-0.625	-0.327	-0.256	0.916	-0.098	-0.041	-0.625	-0.952	-0.882	0.291	-0.723	-0.666	-1.251
3283	-2.144	-1.116	-1.748	5.154	-0.106	-0.044	-2.406	-3.260	-3.892	3.011	-2.250	-2.188	-4.550
3284	-0.626	-0.327	-0.256	0.916	-0.098	-0.041	-0.626	-0.953	-0.882	0.291	-0.724	-0.666	-1.251
3285	-2.579	-1.199	-0.640	2.725	-0.534	0.210	-2.368	-3.778	-3.219	0.145	-3.114	-2.370	-4.947

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3286	-3.294	-1.607	-2.006	3.977	-0.992	-0.789	-3.256	-4.901	-5.300	0.683	-4.287	-4.084	-6.550
3287	-3.294	-1.607	5.002	3.693	1.256	0.137	-3.256	-4.901	1.708	0.404	-2.038	-3.157	-6.550
3288	-2.579	-1.198	-0.210	1.773	0.215	0.487	-2.368	-3.777	-2.789	-0.807	-2.364	-2.093	-4.948
3289	-0.625	-0.327	0.916	0.916	0.098	0.041	-0.625	-0.952	0.291	0.291	-0.528	-0.585	-1.251
3290	-2.144	-1.116	3.722	4.793	0.095	0.036	-2.407	-3.260	1.578	2.649	-2.049	-2.108	-4.551
3291	-0.626	-0.327	0.916	0.916	0.098	0.041	-0.626	-0.953	0.291	0.291	-0.528	-0.585	-1.251
3292	0.429	0.289	-5.644	-2.121	-1.373	-0.303	0.633	0.719	-5.215	-1.691	-0.943	0.127	1.063
3293	-0.625	-0.327	0.916	0.916	0.041	0.098	-0.625	-0.952	0.291	0.291	-0.585	-0.528	-1.251
3294	-2.144	-1.116	4.277	4.389	0.036	0.095	-2.406	-3.260	2.133	2.245	-2.107	-2.049	-4.550
3295	-0.625	-0.327	0.916	0.916	0.041	0.098	-0.625	-0.952	0.291	0.291	-0.585	-0.527	-1.251
3296	2.313	1.236	-0.181	-1.809	0.048	0.742	2.313	3.549	2.132	0.503	2.360	3.054	4.626
3297	7.781	3.854	-1.349	-7.217	-0.291	0.704	7.771	11.635	6.432	0.565	7.491	8.486	15.553
3298	2.313	1.236	-1.903	-1.779	-0.554	0.494	2.313	3.549	0.409	0.534	1.759	2.807	4.626
3299	0.763	0.370	-2.500	-0.227	-0.952	0.112	0.758	1.133	-1.737	0.536	-0.188	0.875	1.521
3300	1.974	1.069	-1.741	-1.405	-0.747	0.409	1.974	3.043	0.233	0.569	1.227	2.383	3.948
3301	7.017	3.477	-0.032	-6.362	-0.294	0.924	7.007	10.494	6.985	0.655	6.723	7.941	14.025
3302	1.710	0.938	-1.745	-1.331	-0.899	-0.015	1.711	2.647	-0.035	0.379	0.811	1.695	3.421
3303	-0.485	-0.243	-2.212	0.749	-1.206	-0.687	-0.489	-0.729	-2.697	0.264	-1.691	-1.172	-0.974
3304	2.593	1.269	-2.052	-3.338	-1.417	-1.049	2.589	3.862	0.541	-0.745	1.176	1.544	5.182
3305	7.807	3.545	-1.720	-9.780	-1.993	-1.706	7.788	11.352	6.087	-1.973	5.814	6.101	15.596
3306	0.681	0.256	0.610	-0.744	0.257	0.010	0.683	0.937	1.292	-0.062	0.939	0.692	1.364
3307	0.681	0.256	-1.044	-0.763	-0.189	-0.175	0.683	0.937	-0.362	-0.081	0.493	0.507	1.364
3308	7.808	3.545	-1.303	-7.861	2.603	0.204	7.789	11.353	6.505	-0.053	10.410	8.011	15.596
3309	2.593	1.269	1.648	-2.489	1.742	0.263	2.589	3.862	4.240	0.104	4.334	2.856	5.182
3310	-0.485	-0.243	3.828	0.816	1.336	0.366	-0.488	-0.728	3.343	0.331	0.850	-0.119	-0.974
3311	1.710	0.937	1.663	-1.216	0.652	0.626	1.711	2.647	3.373	0.494	2.361	2.336	3.420
3312	7.017	3.477	-3.504	-6.249	-0.443	0.860	7.007	10.494	3.513	0.768	6.574	7.877	14.024
3313	1.974	1.069	0.714	-1.393	0.245	0.816	1.975	3.043	2.688	0.581	2.219	2.790	3.949
3314	0.763	0.370	1.640	-0.335	0.595	0.754	0.758	1.133	2.403	0.428	1.358	1.517	1.521
3315	0.544	0.277	0.221	0.109	0.089	0.610	0.544	0.821	0.765	0.653	0.633	1.153	1.088
3316	1.241	0.627	-0.883	-0.563	-0.221	0.535	1.247	1.868	0.357	0.678	1.020	1.775	2.488
3317	0.544	0.277	-1.663	0.144	-0.492	0.368	0.544	0.821	-1.119	0.688	0.052	0.912	1.088
3318	-0.452	-0.229	-2.496	1.017	-0.807	0.135	-0.457	-0.681	-2.948	0.565	-1.259	-0.317	-0.909
3319	0.251	0.133	-1.660	0.505	-0.587	0.350	0.251	0.384	-1.409	0.756	-0.336	0.601	0.502
3320	0.667	0.345	-1.216	0.108	-0.513	0.397	0.673	1.011	-0.549	0.775	0.154	1.064	1.340
3321	-0.143	-0.061	-1.352	0.864	-0.627	0.109	-0.143	-0.204	-1.495	0.721	-0.769	-0.033	-0.285
3322	-1.152	-0.584	-1.944	1.509	-0.991	-0.601	-1.157	-1.736	-3.096	0.357	-2.143	-1.753	-2.309
3323	0.436	0.210	-0.399	0.073	-0.381	0.323	0.435	0.646	0.038	0.510	0.055	0.759	0.871
3324	1.808	0.975	1.947	-0.846	0.748	1.822	1.812	2.783	3.754	0.962	2.556	3.630	3.620
3325	1.669	1.145	6.295	1.154	3.156	5.313	1.664	2.814	7.964	2.823	4.825	6.982	3.333
3326	1.669	1.145	-9.366	0.585	-5.989	1.522	1.664	2.813	-7.698	2.254	-4.321	3.191	3.332
3327	1.808	0.975	-3.071	-0.679	-1.820	0.757	1.812	2.783	-1.263	1.129	-0.013	2.565	3.620
3328	0.437	0.210	1.120	0.353	0.037	0.495	0.435	0.646	1.556	0.789	0.473	0.932	0.871
3329	-1.152	-0.584	4.197	1.615	1.122	0.274	-1.157	-1.736	3.044	0.463	-0.031	-0.879	-2.309
3330	-0.143	-0.061	2.463	0.865	0.362	0.520	-0.143	-0.204	2.320	0.722	0.219	0.377	-0.285

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
3331	0.666	0.345	1.387	0.086	0.078	0.644	0.673	1.011	2.053	0.752	0.745	1.311	1.340
3332	0.251	0.133	1.540	0.453	0.167	0.665	0.251	0.384	1.791	0.704	0.418	0.916	0.502
3333	-0.452	-0.229	1.844	0.945	0.478	0.670	-0.457	-0.680	1.392	0.494	0.027	0.219	-0.908
3334	-1.338	-0.690	0.613	2.141	0.143	0.604	-1.341	-2.028	-0.726	0.802	-1.195	-0.734	-2.679
3335	-1.276	-0.652	-0.785	2.109	-0.213	0.508	-1.264	-1.928	-2.061	0.833	-1.489	-0.768	-2.540
3336	-1.338	-0.690	-1.840	2.202	-0.529	0.321	-1.341	-2.029	-3.178	0.864	-1.868	-1.017	-2.679
3337	-1.369	-0.710	-3.298	2.073	-1.013	0.069	-1.381	-2.079	-4.667	0.705	-2.382	-1.300	-2.750
3338	-1.670	-0.853	-2.254	2.628	-0.742	0.174	-1.673	-2.523	-3.924	0.957	-2.412	-1.496	-3.343
3339	-1.894	-0.955	-1.886	2.868	-0.712	0.134	-1.881	-2.849	-3.780	0.974	-2.606	-1.760	-3.775
3340	-2.137	-1.086	-1.768	3.097	-0.731	-0.114	-2.140	-3.223	-3.905	0.959	-2.869	-2.252	-4.278
3341	-2.392	-1.222	-2.175	3.010	-1.031	-0.751	-2.404	-3.613	-4.567	0.618	-3.423	-3.142	-4.796
3342	-1.510	-0.769	-0.195	2.346	-0.129	0.179	-1.514	-2.279	-1.705	0.836	-1.639	-1.331	-3.024
3343	0.295	0.176	1.665	0.351	0.674	0.897	0.305	0.472	1.960	0.646	0.969	1.192	0.600
3344	7.418	3.793	1.989	-8.476	0.630	0.129	7.397	11.211	9.407	-1.058	8.049	7.547	14.816
3345	3.413	1.714	0.898	-4.554	0.493	-0.265	3.366	5.126	4.310	-1.141	3.905	3.147	6.779
3346	3.412	1.713	-3.456	-3.351	-0.158	-0.537	3.366	5.126	-0.043	0.062	3.255	2.876	6.778
3347	7.418	3.793	-7.488	-7.410	-0.547	-0.363	7.397	11.211	-0.070	0.008	6.871	7.055	14.815
3348	0.295	0.177	-1.562	0.464	-1.123	0.148	0.305	0.472	-1.267	0.759	-0.828	0.443	0.600
3349	-1.510	-0.769	2.320	2.337	-0.047	0.209	-1.514	-2.279	0.810	0.827	-1.557	-1.300	-3.024
3350	-2.392	-1.222	5.681	2.986	1.250	0.192	-2.404	-3.613	3.289	0.594	-1.141	-2.199	-4.796
3351	-2.137	-1.086	4.391	2.985	0.584	0.434	-2.140	-3.223	2.253	0.848	-1.553	-1.704	-4.277
3352	-1.894	-0.956	3.716	2.747	0.395	0.600	-1.881	-2.850	1.822	0.852	-1.499	-1.294	-3.776
3353	-1.670	-0.853	3.173	2.494	0.393	0.654	-1.673	-2.523	1.503	0.824	-1.277	-1.017	-3.343
3354	-1.369	-0.710	2.708	1.955	0.669	0.773	-1.381	-2.079	1.339	0.586	-0.700	-0.595	-2.750
3355	-2.911	-1.496	1.092	3.863	0.315	0.681	-2.923	-4.408	-1.819	0.951	-2.597	-2.230	-5.834
3356	-3.227	-1.655	-0.835	4.318	-0.221	0.510	-3.230	-4.882	-4.061	1.092	-3.448	-2.716	-6.457
3357	-2.911	-1.496	-2.384	3.957	-0.714	0.243	-2.922	-4.407	-5.295	1.046	-3.625	-2.668	-5.833
3358	-1.999	-1.040	-4.512	2.796	-1.406	-0.064	-2.010	-3.040	-6.511	0.797	-3.405	-2.063	-4.009
3359	-3.196	-1.633	-3.490	4.367	-1.153	-0.136	-3.206	-4.829	-6.686	1.171	-4.349	-3.332	-6.402
3360	-3.777	-1.919	-3.162	5.046	-1.166	-0.313	-3.779	-5.695	-6.939	1.269	-4.942	-4.090	-7.556
3361	-3.736	-1.892	-2.870	4.933	-1.179	-0.616	-3.748	-5.628	-6.606	1.196	-4.915	-4.352	-7.484
3362	-3.271	-1.645	-3.039	4.096	-1.410	-1.142	-3.286	-4.917	-6.310	0.824	-4.681	-4.413	-6.557
3363	-2.698	-1.338	-0.848	3.785	-0.370	-0.348	-2.714	-4.036	-3.546	1.088	-3.068	-3.046	-5.411
3364	-0.634	-0.274	0.258	1.366	0.146	-0.060	-0.649	-0.908	-0.376	0.732	-0.487	-0.694	-1.283
3365	2.292	1.207	0.290	-2.228	0.124	-0.284	2.263	3.498	2.581	0.064	2.415	2.007	4.554
3366	1.816	0.968	1.382	-1.834	0.725	0.253	1.781	2.784	3.198	-0.018	2.540	2.069	3.596
3367	2.705	1.418	0.925	-2.470	0.493	0.451	2.654	4.123	3.631	0.235	3.198	3.156	5.359
3368	2.705	1.417	-2.676	-2.496	-0.661	-0.021	2.654	4.123	0.029	0.209	2.044	2.685	5.359
3369	1.816	0.969	-2.704	-1.599	-0.680	-0.330	1.781	2.784	-0.888	0.217	1.136	1.485	3.597
3370	2.291	1.207	-1.664	-1.847	0.109	-0.294	2.262	3.498	0.627	0.444	2.400	1.997	4.554
3371	-0.634	-0.274	0.806	1.421	-0.081	-0.160	-0.649	-0.909	0.172	0.787	-0.715	-0.794	-1.284
3372	-2.698	-1.339	4.030	3.610	0.480	-0.001	-2.714	-4.036	1.332	0.912	-2.218	-2.699	-5.411
3373	-3.271	-1.646	7.650	3.923	1.780	0.177	-3.286	-4.917	4.379	0.652	-1.491	-3.094	-6.557
3374	-3.736	-1.892	6.918	4.681	1.234	0.391	-3.748	-5.628	3.181	0.945	-2.502	-3.345	-7.484
3375	-3.776	-1.918	6.336	4.800	1.012	0.605	-3.779	-5.695	2.560	1.023	-2.764	-3.171	-7.555

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON	CASE11	CASE12	CASE13
3376	-3.196	-1.633	5.170	4.121	0.885	0.731	-3.206	-4.828	1.975	0.925	-2.310	-2.465	-6.401	
3377	-1.999	-1.040	3.726	2.616	1.030	0.965	-2.010	-3.039	1.727	0.616	-0.969	-1.034	-4.009	
3378	-5.642	-2.904	1.946	6.894	0.806	1.094	-5.647	-8.546	-3.696	1.252	-4.836	-4.549	-11.289	
3379	-7.974	-4.089	-0.879	10.749	-0.319	0.699	-8.129	-12.063	-8.852	2.776	-8.293	-7.275	-16.103	
3380	-5.643	-2.905	-4.201	7.005	-1.377	0.162	-5.648	-8.548	-9.844	1.362	-7.020	-5.481	-11.291	
3381	0.427	0.201	-7.298	-1.080	-2.560	-0.424	0.544	0.629	-6.871	-0.652	-2.132	0.004	0.972	
3382	-5.807	-2.972	-7.105	7.528	-2.471	-0.792	-5.815	-8.779	-12.912	1.721	-8.278	-6.599	-11.622	
3383	-8.526	-4.333	-7.663	12.077	-2.591	-1.227	-8.688	-12.859	-16.189	3.551	-11.117	-9.754	-17.214	
3384	-6.832	-3.443	-5.827	8.759	-2.500	-1.621	-6.842	-10.274	-12.659	1.928	-9.332	-8.452	-13.674	
3385	-2.874	-1.367	-4.115	2.848	-2.454	-2.019	-2.759	-4.241	-6.989	-0.027	-5.329	-4.893	-5.634	
3386	-5.810	-2.879	-3.733	8.060	-1.657	-1.485	-5.818	-8.688	-9.543	2.250	-7.467	-7.295	-11.628	
3387	-6.863	-3.412	-2.897	10.898	-0.735	-0.936	-7.021	-10.275	-9.760	4.035	-7.599	-7.799	-13.885	
3388	-4.860	-2.405	1.061	6.736	0.653	-0.138	-4.862	-7.266	-3.799	1.876	-4.207	-4.998	-9.723	
3389	-2.901	-1.350	8.499	2.292	3.544	1.657	-2.756	-4.251	5.598	-0.609	0.644	-1.244	-5.657	
3390	3.066	1.559	4.799	-2.157	2.394	1.932	3.111	4.625	7.866	0.909	5.461	4.999	6.177	
3391	7.168	3.651	0.265	-4.798	0.514	1.641	7.168	10.819	7.433	2.371	7.682	8.809	14.337	
3392	7.168	3.651	-7.635	-5.529	-1.527	0.776	7.168	10.819	-0.467	1.639	5.641	7.944	14.337	
3393	3.066	1.559	-9.251	-2.509	-3.052	-0.354	3.110	4.625	-6.185	0.557	0.014	2.712	6.176	
3394	-2.901	-1.349	-8.198	1.844	-3.697	-1.381	-2.757	-4.249	-11.099	-1.056	-6.598	-4.282	-5.657	
3395	-4.861	-2.405	3.041	6.163	-0.373	-0.584	-4.863	-7.266	-1.820	1.302	-5.233	-5.445	-9.723	
3396	-6.863	-3.412	9.593	10.019	1.144	-0.177	-7.022	-10.275	2.730	3.156	-5.720	-7.040	-13.885	
3397	-5.810	-2.879	10.293	7.393	2.165	0.085	-5.818	-8.690	4.483	1.582	-3.645	-5.725	-11.629	
3398	-2.875	-1.368	8.565	2.476	3.044	0.270	-2.759	-4.243	5.691	-0.399	0.169	-2.605	-5.634	
3399	-6.832	-3.443	12.855	8.229	2.826	0.613	-6.842	-10.275	6.023	1.397	-4.006	-6.219	-13.674	
3400	-8.525	-4.332	14.873	11.308	2.609	0.973	-8.687	-12.858	6.348	2.783	-5.917	-7.553	-17.212	
3401	-5.807	-2.972	10.221	7.052	2.235	1.216	-5.814	-8.778	4.414	1.245	-3.572	-4.590	-11.621	
3402	0.426	0.202	3.930	-1.193	2.008	1.539	0.543	0.629	4.357	-0.767	2.435	1.965	0.970	
3403	-8.284	-4.102	1.114	8.103	-0.369	-0.397	-8.141	-12.386	-7.169	-0.181	-8.652	-8.681	-16.425	
3404	-8.041	-4.003	-0.288	7.943	-0.223	-0.359	-7.937	-12.044	-8.328	-0.098	-8.264	-8.399	-15.978	
3405	-8.041	-4.003	1.069	8.260	0.240	-0.188	-7.937	-12.043	-6.971	0.219	-7.801	-8.228	-15.977	
3406	-8.283	-4.102	0.311	8.448	0.364	-0.126	-8.140	-12.385	-7.972	0.165	-7.919	-8.409	-16.423	
3407	-8.285	-4.099	0.950	8.746	0.540	-0.096	-8.142	-12.384	-7.335	0.460	-7.745	-8.381	-16.427	
3408	-7.692	-3.822	-0.317	7.991	0.340	-0.176	-7.587	-11.514	-8.009	0.299	-7.352	-7.868	-15.279	
3409	-7.225	-3.589	0.640	8.105	0.407	0.190	-7.121	-10.815	-6.585	0.879	-6.819	-7.035	-14.346	
3410	-6.614	-3.263	0.790	7.250	0.431	0.295	-6.471	-9.877	-5.824	0.636	-6.183	-6.319	-13.085	
3411	-4.775	-2.337	0.483	5.463	0.226	0.254	-4.637	-7.111	-4.291	0.688	-4.549	-4.521	-9.412	
3412	-2.611	-1.274	-0.957	2.402	-0.408	-0.569	-2.514	-3.885	-3.568	-0.209	-3.018	-3.180	-5.125	
3413	-0.648	-0.298	-3.611	1.083	-1.188	-0.995	-0.552	-0.946	-4.258	0.435	-1.836	-1.643	-1.200	
3414	-0.146	-0.043	-4.063	0.435	-1.521	-1.157	-0.012	-0.190	-4.209	0.289	-1.667	-1.303	-0.158	
3415	0.527	0.281	-6.125	1.393	-1.824	-0.459	0.657	0.808	-5.598	1.920	-1.297	0.068	1.183	
3416	2.243	1.095	-5.404	-0.682	-1.585	-0.403	2.299	3.337	-3.161	1.560	0.658	1.839	4.542	
3417	2.046	0.932	-3.671	0.005	0.080	0.595	2.083	2.978	-1.625	2.051	2.126	2.641	4.129	
3418	2.046	0.932	-3.653	-0.061	0.023	0.653	2.083	2.978	-1.606	1.985	2.069	2.699	4.129	
3419	2.046	0.933	-0.014	-1.459	-0.555	0.329	2.084	2.979	2.032	0.587	1.491	2.375	4.130	
3420	2.046	0.933	0.052	-1.393	-0.554	0.248	2.084	2.979	2.098	0.653	1.492	2.294	4.130	

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
3421	2.243	1.095	2.374	-1.837	1.329	0.690	2.299	3.338	4.617	0.406	3.573	2.934	4.543
3422	0.527	0.282	2.689	0.001	1.541	0.801	0.656	0.809	3.216	0.528	2.068	1.329	1.183
3423	-0.146	-0.043	2.697	-0.121	1.809	0.204	-0.012	-0.189	2.551	-0.267	1.662	0.057	-0.159
3424	-0.648	-0.299	2.515	0.639	1.447	0.075	-0.553	-0.946	1.868	-0.009	0.799	-0.573	-1.201
3425	-2.611	-1.274	3.126	2.265	0.552	-0.204	-2.514	-3.885	0.515	-0.345	-2.058	-2.815	-5.124
3426	-4.775	-2.337	2.669	4.805	-0.496	-0.087	-4.637	-7.112	-2.105	0.031	-5.270	-4.862	-9.411
3427	-6.614	-3.263	3.743	6.574	-0.772	-0.102	-6.471	-9.877	-2.871	-0.040	-7.386	-6.716	-13.085
3428	-7.226	-3.589	3.672	7.300	-0.659	-0.147	-7.120	-10.815	-3.554	0.075	-7.884	-7.373	-14.346
3429	-7.693	-3.823	4.521	7.499	-0.331	-0.314	-7.588	-11.515	-3.171	-0.193	-8.024	-8.006	-15.280
3430	-8.286	-4.099	2.777	8.081	-0.534	-0.376	-8.143	-12.385	-5.508	-0.205	-8.819	-8.662	-16.428
3431	-4.072	-2.054	1.030	4.099	0.028	-0.265	-4.057	-6.127	-3.042	0.027	-4.044	-4.337	-8.129
3432	-2.824	-1.421	0.322	3.063	-0.011	0.045	-2.811	-4.245	-2.502	0.239	-2.835	-2.778	-5.635
3433	-2.824	-1.421	0.044	3.071	-0.020	0.042	-2.811	-4.245	-2.780	0.247	-2.844	-2.782	-5.635
3434	-4.073	-2.054	0.481	4.112	0.170	-0.205	-4.057	-6.127	-3.591	0.039	-3.903	-4.278	-8.129
3435	-3.881	-1.958	0.113	3.954	0.116	-0.258	-3.865	-5.839	-3.768	0.073	-3.765	-4.139	-7.746
3436	-2.603	-1.312	-1.055	2.826	-0.390	-0.329	-2.590	-3.915	-3.659	0.223	-2.994	-2.933	-5.194
3437	-2.232	-1.128	-1.256	2.393	-0.466	-0.455	-2.219	-3.360	-3.488	0.161	-2.698	-2.687	-4.451
3438	-2.194	-1.137	-0.804	1.949	-0.234	-0.833	-2.180	-3.332	-2.999	-0.246	-2.428	-3.027	-4.374
3439	-1.802	-0.919	-0.598	1.683	-0.095	-0.675	-1.789	-2.722	-2.400	-0.119	-1.898	-2.478	-3.591
3440	-1.834	-0.823	-0.266	2.469	0.262	0.108	-1.819	-2.657	-2.100	0.635	-1.571	-1.726	-3.653
3441	-1.846	-0.852	0.282	2.720	0.601	0.420	-1.833	-2.698	-1.564	0.874	-1.245	-1.426	-3.679
3442	0.517	0.234	0.705	0.556	0.303	0.749	0.523	0.750	1.221	1.073	0.820	1.265	1.040
3443	0.517	0.234	-1.190	0.178	-0.741	0.316	0.523	0.751	-0.673	0.695	-0.224	0.833	1.040
3444	-1.847	-0.852	0.072	1.980	-0.713	-0.127	-1.834	-2.698	-1.774	0.134	-2.560	-1.973	-3.680
3445	-1.834	-0.823	0.895	1.950	-0.254	-0.108	-1.820	-2.657	-0.939	0.116	-2.087	-1.941	-3.653
3446	-1.803	-0.919	1.632	1.595	0.550	-0.410	-1.789	-2.722	-0.171	-0.207	-1.252	-2.212	-3.592
3447	-2.194	-1.137	2.177	1.957	0.757	-0.422	-2.180	-3.332	-0.017	-0.237	-1.437	-2.616	-4.375
3448	-2.232	-1.128	2.771	2.365	0.656	0.009	-2.219	-3.360	0.539	0.133	-1.576	-2.222	-4.451
3449	-2.604	-1.312	2.596	2.786	0.514	0.044	-2.591	-3.916	-0.007	0.183	-2.090	-2.559	-5.194
3450	-3.881	-1.958	1.579	3.897	0.103	-0.263	-3.865	-5.839	-2.302	0.016	-3.777	-4.144	-7.746
3451	-5.403	-2.751	1.595	5.356	0.145	-0.329	-5.377	-8.154	-3.809	-0.047	-5.258	-5.732	-10.780
3452	-3.504	-1.783	0.432	3.659	0.016	-0.009	-3.477	-5.287	-3.071	0.155	-3.487	-3.512	-6.981
3453	-3.504	-1.783	0.040	3.671	0.002	-0.013	-3.477	-5.287	-3.464	0.168	-3.502	-3.517	-6.981
3454	-5.403	-2.751	0.304	5.399	0.137	-0.330	-5.377	-8.154	-5.099	-0.004	-5.266	-5.733	-10.781
3455	-5.211	-2.655	-0.030	5.208	0.026	-0.448	-5.185	-7.866	-5.241	-0.003	-5.185	-5.659	-10.397
3456	-3.150	-1.609	-1.081	3.223	-0.440	-0.470	-3.124	-4.759	-4.231	0.073	-3.589	-3.620	-6.273
3457	-2.567	-1.321	-1.363	2.534	-0.556	-0.662	-2.541	-3.888	-3.930	-0.033	-3.123	-3.229	-5.109
3458	-2.847	-1.487	-1.260	2.430	-0.459	-1.226	-2.822	-4.334	-4.106	-0.417	-3.306	-4.072	-5.669
3459	-2.280	-1.161	-0.884	2.052	-0.211	-0.966	-2.256	-3.441	-3.164	-0.228	-2.491	-3.246	-4.536
3460	-0.497	-0.159	-0.819	0.648	-0.074	-0.318	-0.473	-0.657	-1.316	0.151	-0.572	-0.815	-0.971
3461	3.169	1.700	-1.750	-3.759	-0.580	-0.918	3.184	4.869	1.419	-0.590	2.589	2.251	6.352
3462	0.457	0.326	0.549	1.297	0.404	2.192	0.469	0.783	1.006	1.754	0.861	2.649	0.926
3463	0.457	0.326	-1.961	0.962	-1.833	1.266	0.469	0.783	-1.504	1.419	-1.375	1.724	0.926
3464	3.168	1.700	-1.052	-3.600	1.071	-0.233	3.183	4.868	2.117	-0.432	4.239	2.935	6.352
3465	-0.498	-0.159	0.690	0.395	0.290	-0.169	-0.474	-0.657	0.193	-0.102	-0.208	-0.667	-0.971

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3466	-2.280	-1.161	2.349	1.936	0.843	-0.534	-2.256	-3.441	0.069	-0.344	-1.437	-2.814	-4.537
3467	-2.847	-1.487	3.261	2.456	1.199	-0.539	-2.823	-4.334	0.414	-0.391	-1.648	-3.386	-5.670
3468	-2.567	-1.321	3.152	2.565	0.870	-0.071	-2.541	-3.888	0.585	-0.002	-1.697	-2.639	-5.109
3469	-3.150	-1.610	2.934	3.223	0.652	-0.019	-3.124	-4.759	-0.215	0.073	-2.498	-3.169	-6.274
3470	-5.211	-2.655	2.358	5.142	0.306	-0.331	-5.186	-7.867	-2.853	-0.069	-4.905	-5.543	-10.397
3471	-5.339	-2.723	1.965	5.205	0.235	-0.318	-5.310	-8.062	-3.374	-0.134	-5.104	-5.657	-10.649
3472	-2.883	-1.472	0.546	2.749	0.035	-0.080	-2.837	-4.355	-2.337	-0.134	-2.848	-2.964	-5.720
3473	-2.883	-1.472	0.121	2.770	0.040	-0.075	-2.837	-4.355	-2.762	-0.113	-2.843	-2.959	-5.720
3474	-5.339	-2.722	0.103	5.278	0.074	-0.380	-5.310	-8.062	-5.236	-0.061	-5.265	-5.719	-10.649
3475	-5.134	-2.621	-0.065	5.068	0.004	-0.472	-5.105	-7.755	-5.199	-0.066	-5.130	-5.606	-10.239
3476	-2.516	-1.292	-0.567	2.282	-0.292	-0.426	-2.471	-3.808	-3.083	-0.234	-2.808	-2.942	-4.987
3477	-1.835	-0.952	-0.833	1.513	-0.394	-0.570	-1.790	-2.788	-2.669	-0.323	-2.229	-2.406	-3.626
3478	-2.618	-1.356	-1.193	2.235	-0.446	-1.087	-2.590	-3.974	-3.811	-0.383	-3.064	-3.705	-5.208
3479	-1.989	-1.008	-1.111	1.759	-0.340	-0.925	-1.963	-2.996	-3.100	-0.230	-2.329	-2.914	-3.951
3480	-0.423	-0.164	-0.845	0.327	-0.233	-0.320	-0.382	-0.587	-1.268	-0.096	-0.656	-0.744	-0.805
3481	-1.917	-0.934	-1.166	2.512	-0.272	0.113	-1.873	-2.850	-3.083	0.596	-2.189	-1.804	-3.789
3482	-2.571	-1.240	-1.439	4.564	-0.363	0.934	-2.541	-3.810	-4.010	1.993	-2.933	-1.636	-5.111
3483	0.913	0.431	0.273	-0.487	-0.151	-0.142	0.920	1.345	1.186	0.426	0.762	0.771	1.833
3484	0.913	0.432	-0.216	-0.789	0.209	0.007	0.920	1.345	0.697	0.125	1.122	0.921	1.834
3485	-2.571	-1.240	3.246	3.605	-0.377	0.930	-2.541	-3.811	0.675	1.034	-2.948	-1.642	-5.112
3486	-1.917	-0.934	2.228	2.064	0.125	0.277	-1.873	-2.851	0.311	0.147	-1.792	-1.640	-3.790
3487	-0.423	-0.164	0.860	0.183	0.404	-0.059	-0.382	-0.587	0.437	-0.240	-0.019	-0.483	-0.805
3488	-1.989	-1.007	2.533	1.647	0.914	-0.413	-1.963	-2.997	0.544	-0.343	-1.075	-2.402	-3.952
3489	-2.618	-1.356	3.133	2.239	1.098	-0.448	-2.590	-3.974	0.514	-0.379	-1.520	-3.067	-5.208
3490	-1.835	-0.952	2.005	1.574	0.690	-0.120	-1.790	-2.788	0.170	-0.261	-1.145	-1.955	-3.626
3491	-2.516	-1.293	1.855	2.313	0.517	-0.090	-2.471	-3.809	-0.662	-0.203	-1.999	-2.606	-4.987
3492	-5.134	-2.621	2.295	4.978	0.349	-0.329	-5.105	-7.755	-2.839	-0.156	-4.784	-5.463	-10.239
3493	-4.728	-2.407	2.444	4.527	0.311	-0.310	-4.709	-7.135	-2.284	-0.201	-4.417	-5.039	-9.437
3494	-1.495	-0.758	0.484	0.950	0.002	-0.178	-1.423	-2.253	-1.011	-0.545	-1.493	-1.673	-2.918
3495	-1.495	-0.758	0.349	0.990	0.128	-0.125	-1.423	-2.253	-1.146	-0.505	-1.367	-1.620	-2.918
3496	-4.728	-2.406	-0.062	4.652	0.031	-0.418	-4.709	-7.135	-4.791	-0.077	-4.698	-5.146	-9.438
3497	-4.493	-2.290	0.195	4.443	0.137	-0.361	-4.475	-6.783	-4.298	-0.050	-4.356	-4.854	-8.968
3498	-1.231	-0.628	0.404	0.610	0.018	-0.242	-1.160	-1.859	-0.827	-0.621	-1.213	-1.473	-2.391
3499	-0.526	-0.275	0.167	-0.135	-0.054	-0.279	-0.455	-0.801	-0.359	-0.661	-0.580	-0.804	-0.981
3500	-2.231	-1.142	-0.638	1.945	-0.206	-0.770	-2.213	-3.373	-2.869	-0.286	-2.436	-3.001	-4.444
3501	-2.194	-1.113	-1.005	2.139	-0.297	-0.661	-2.178	-3.307	-3.199	-0.055	-2.491	-2.855	-4.372
3502	-0.605	-0.290	0.063	0.142	0.015	-0.032	-0.534	-0.894	-0.541	-0.463	-0.589	-0.637	-1.138
3503	-2.291	-1.147	-0.030	2.747	0.133	0.525	-2.218	-3.438	-2.321	0.455	-2.158	-1.766	-4.509
3504	-2.090	-1.062	-1.673	3.529	-0.446	0.265	-2.073	-3.152	-3.763	1.439	-2.536	-1.825	-4.163
3505	0.077	0.005	-0.886	0.520	-0.452	-0.349	0.081	0.082	-0.808	0.598	-0.374	-0.272	0.159
3506	-5.107	-2.364	0.895	7.065	0.135	1.331	-5.077	-7.471	-4.212	1.958	-4.972	-3.776	-10.184
3507	-5.107	-2.364	1.287	6.591	-1.029	0.839	-5.077	-7.471	-3.820	1.484	-6.136	-4.268	-10.184
3508	0.078	0.004	1.395	0.199	0.593	0.079	0.082	0.082	1.473	0.276	0.670	0.157	0.159
3509	-2.090	-1.063	3.549	2.695	0.171	0.524	-2.073	-3.153	1.459	0.605	-1.920	-1.566	-4.163
3510	-2.291	-1.147	1.249	2.119	-0.455	0.279	-2.218	-3.438	-1.042	-0.172	-2.746	-2.012	-4.509

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
3511	-0.605	-0.290	0.078	-0.002	0.019	-0.035	-0.534	-0.894	-0.527	-0.607	-0.585	-0.640	-1.138
3512	-2.194	-1.113	2.849	1.948	0.712	-0.257	-2.178	-3.307	0.655	-0.246	-1.482	-2.451	-4.372
3513	-2.231	-1.142	2.528	1.909	0.715	-0.392	-2.213	-3.373	0.298	-0.322	-1.516	-2.623	-4.444
3514	-0.526	-0.275	-0.093	-0.079	0.235	-0.154	-0.455	-0.802	-0.619	-0.605	-0.291	-0.680	-0.982
3515	-1.231	-0.629	-0.091	0.654	0.162	-0.176	-1.160	-1.860	-1.323	-0.577	-1.070	-1.407	-2.391
3516	-4.492	-2.290	1.641	4.285	0.196	-0.333	-4.474	-6.783	-2.851	-0.208	-4.296	-4.826	-8.967
3517	-4.419	-2.193	4.881	3.965	0.300	-0.386	-4.349	-6.612	0.462	-0.455	-4.119	-4.805	-8.768
3518	0.274	0.111	-1.544	-0.314	0.049	-0.073	0.229	0.385	-1.270	-0.040	0.322	0.200	0.503
3519	-0.237	-0.096	1.426	-0.072	0.021	-0.088	-0.199	-0.333	1.189	-0.309	-0.216	-0.325	-0.435
3520	-0.021	-0.038	-1.236	-0.098	0.030	-0.099	-0.027	-0.059	-1.258	-0.119	0.009	-0.120	-0.048
3521	-0.022	-0.038	1.133	-0.081	0.044	-0.083	-0.028	-0.059	1.111	-0.102	0.023	-0.105	-0.049
3522	-0.236	-0.096	-0.673	-0.045	0.042	-0.091	-0.198	-0.333	-0.909	-0.281	-0.194	-0.327	-0.434
3523	0.273	0.112	0.893	-0.346	0.024	-0.071	0.229	0.385	1.166	-0.072	0.297	0.203	0.502
3524	-4.419	-2.193	-0.717	4.237	0.113	-0.463	-4.349	-6.612	-5.136	-0.183	-4.307	-4.883	-8.768
3525	-4.416	-2.198	2.883	4.488	0.824	0.128	-4.346	-6.615	-1.533	0.072	-3.592	-4.288	-8.762
3526	0.669	0.312	-1.392	-0.985	-0.224	-0.254	0.626	0.981	-0.723	-0.316	0.445	0.415	1.295
3527	-0.577	-0.269	1.295	0.505	0.345	0.156	-0.540	-0.846	0.718	-0.071	-0.232	-0.421	-1.116
3528	0.464	0.205	-0.469	-0.826	-0.023	-0.149	0.458	0.669	-0.005	-0.362	0.441	0.315	0.921
3529	-0.507	-0.280	0.656	0.616	0.204	0.074	-0.513	-0.787	0.150	0.109	-0.303	-0.433	-1.019
3530	0.593	0.317	0.209	-1.057	0.075	-0.060	0.630	0.910	0.803	-0.464	0.668	0.534	1.224
3531	-0.690	-0.368	-0.132	0.830	0.089	-0.003	-0.732	-1.058	-0.821	0.140	-0.601	-0.693	-1.422
3532	-1.335	-0.645	0.981	0.756	0.247	-0.410	-1.271	-1.980	-0.354	-0.579	-1.088	-1.745	-2.606
3533	-4.747	-2.364	1.550	5.815	0.628	0.877	-4.674	-7.111	-3.197	1.068	-4.119	-3.870	-9.421
3534	2.441	1.199	-1.587	-3.587	-0.598	-1.044	2.395	3.640	0.854	-1.146	1.843	1.397	4.836
3535	-2.102	-1.032	1.463	2.745	0.667	0.962	-2.062	-3.134	-0.639	0.643	-1.436	-1.140	-4.164
3536	2.019	0.976	-1.107	-3.066	-0.539	-0.894	2.011	2.995	0.912	-1.048	1.480	1.125	4.030
3537	-2.063	-1.052	1.294	2.845	0.720	0.968	-2.067	-3.115	-0.769	0.783	-1.343	-1.094	-4.130
3538	0.487	0.248	-0.375	-0.857	-0.172	-0.236	0.525	0.735	0.112	-0.370	0.315	0.251	1.012
3539	-0.566	-0.287	0.548	0.597	0.376	0.347	-0.610	-0.853	-0.018	0.031	-0.190	-0.218	-1.175
3540	0.712	0.349	-1.489	0.001	-0.495	-0.060	0.772	1.060	-0.777	0.713	0.216	0.652	1.483
3541	-0.537	-0.254	-2.476	1.393	-0.885	-0.401	-0.468	-0.790	-3.013	0.856	-1.422	-0.938	-1.005
3542	1.936	0.917	0.834	-2.416	0.362	0.064	1.853	2.853	2.769	-0.480	2.297	1.999	3.788
3543	-1.667	-0.790	-0.665	1.889	-0.276	0.030	-1.596	-2.457	-2.332	0.222	-1.943	-1.637	-3.262
3544	-0.504	-0.191	1.837	1.299	0.571	0.972	-0.621	-0.695	1.333	0.795	0.066	0.468	-1.125
3545	-1.574	-0.872	-3.508	1.579	-1.589	-1.142	-1.625	-2.446	-5.082	0.005	-3.163	-2.716	-3.199
3546	0.000	0.000	0.053	-0.192	0.035	0.085	0.000	0.000	0.054	-0.192	0.035	0.085	0.000
3547	0.000	0.000	-0.192	-0.192	-0.085	0.035	0.000	0.000	-0.192	-0.192	-0.085	0.035	0.000
3548	-1.574	-0.872	4.367	2.763	1.909	0.298	-1.625	-2.446	2.792	1.189	0.335	-1.276	-3.199
3549	-0.504	-0.191	-0.112	1.676	-1.101	0.293	-0.621	-0.696	-0.617	1.171	-1.606	-0.212	-1.125
3550	-1.667	-0.790	0.179	1.658	0.177	0.199	-1.596	-2.457	-1.488	-0.009	-1.490	-1.468	-3.263
3551	1.936	0.917	-0.430	-2.149	-0.304	-0.190	1.853	2.853	1.506	-0.213	1.632	1.746	3.789
3552	-0.537	-0.254	1.249	0.759	0.980	0.346	-0.469	-0.791	0.712	0.222	0.443	-0.191	-1.006
3553	0.712	0.349	1.139	-0.852	0.483	0.363	0.772	1.061	1.851	-0.140	1.195	1.075	1.484
3554	-0.566	-0.288	-0.339	0.723	-0.525	-0.030	-0.610	-0.854	-0.904	0.158	-1.091	-0.596	-1.176
3555	0.487	0.248	-0.052	-0.966	0.300	-0.037	0.525	0.735	0.436	-0.479	0.787	0.450	1.012

BEAM NO.	AXIAL FORCE:UNIT=TON												
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3556	-2.063	-1.053	-0.356	2.426	-1.207	0.165	-2.067	-3.116	-2.419	0.363	-3.270	-1.898	-4.130
3557	2.019	0.976	0.191	-2.634	1.025	-0.240	2.011	2.995	2.210	-0.615	3.044	1.779	4.029
3558	-2.102	-1.032	-0.672	2.239	-1.169	0.192	-2.062	-3.134	-2.773	0.137	-3.271	-1.910	-4.164
3559	2.441	1.199	0.381	-2.999	1.181	-0.296	2.395	3.640	2.822	-0.558	3.622	2.145	4.836
3560	-4.747	-2.364	1.712	4.859	-1.025	0.150	-4.674	-7.111	-3.036	0.112	-5.773	-4.598	-9.422
3561	-1.335	-0.645	1.576	0.775	0.134	-0.468	-1.271	-1.980	0.241	-0.560	-1.201	-1.803	-2.605
3562	-0.690	-0.368	-0.214	0.686	-0.036	-0.052	-0.732	-1.058	-0.904	-0.004	-0.726	-0.742	-1.422
3563	0.594	0.317	-0.159	-0.934	-0.032	-0.107	0.631	0.911	0.435	-0.340	0.562	0.487	1.225
3564	-0.508	-0.281	-1.066	0.457	-0.189	-0.078	-0.514	-0.788	-1.574	-0.051	-0.697	-0.586	-1.022
3565	0.463	0.204	0.871	-0.633	0.114	-0.105	0.457	0.667	1.335	-0.170	0.577	0.359	0.921
3566	-0.576	-0.268	-1.922	0.337	-0.359	-0.112	-0.539	-0.845	-2.498	-0.240	-0.935	-0.688	-1.115
3567	0.669	0.312	1.833	-0.789	0.343	-0.046	0.626	0.980	2.502	-0.121	1.012	0.623	1.295
3568	-4.416	-2.198	-2.106	4.006	-0.605	-0.425	-4.345	-6.614	-6.522	-0.409	-5.020	-4.840	-8.761
3569	-4.296	-2.056	0.665	3.970	0.171	-0.271	-4.289	-6.352	-3.632	-0.326	-4.125	-4.567	-8.585
3570	-0.878	-0.420	0.431	0.913	-0.015	0.028	-0.870	-1.298	-0.448	0.035	-0.893	-0.850	-1.749
3571	0.929	0.444	-0.456	-0.966	0.016	-0.030	0.921	1.373	0.474	-0.037	0.945	0.900	1.850
3572	-4.803	-2.263	0.559	4.725	0.002	0.007	-4.781	-7.066	-4.244	-0.078	-4.801	-4.796	-9.583
3573	-4.803	-2.263	-0.434	4.764	-0.001	0.005	-4.781	-7.066	-5.236	-0.039	-4.803	-4.798	-9.584
3574	0.929	0.444	0.265	-0.997	0.008	-0.031	0.921	1.373	1.194	-0.068	0.937	0.898	1.850
3575	-0.878	-0.420	-0.250	0.943	-0.008	0.029	-0.870	-1.298	-1.128	0.064	-0.886	-0.849	-1.749
3576	-4.296	-2.056	0.159	3.968	0.071	-0.309	-4.289	-6.352	-4.137	-0.328	-4.225	-4.605	-8.585
3577	-3.289	-1.550	-0.259	3.036	0.129	-0.189	-3.283	-4.838	-3.548	-0.252	-3.160	-3.478	-6.571
3578	-1.614	-0.790	-0.080	1.620	-0.075	-0.093	-1.606	-2.404	-1.694	0.006	-1.689	-1.708	-3.220
3579	1.709	0.836	0.085	-1.715	0.079	0.099	1.699	2.544	1.793	-0.006	1.788	1.808	3.408
3580	-5.329	-2.529	-1.259	5.181	-0.417	-0.471	-5.306	-7.858	-6.588	-0.147	-5.746	-5.800	-10.635
3581	-3.718	-1.724	-1.936	3.499	-0.618	-0.665	-3.697	-5.441	-5.654	-0.219	-4.335	-4.383	-7.414
3582	0.453	0.206	0.564	-0.452	0.203	0.163	0.445	0.658	1.017	0.001	0.656	0.616	0.898
3583	-0.428	-0.194	-0.533	0.427	-0.192	-0.154	-0.421	-0.622	-0.961	-0.001	-0.620	-0.582	-0.849
3584	-2.961	-1.411	-0.708	2.330	-0.160	-0.868	-2.955	-4.372	-3.669	-0.631	-3.121	-3.829	-5.916
3585	-0.674	-0.302	-1.377	-0.289	-0.584	-1.153	-0.673	-0.976	-2.051	-0.963	-1.259	-1.827	-1.347
3586	-2.142	-0.997	0.285	2.570	0.335	0.320	-2.130	-3.138	-1.856	0.429	-1.807	-1.822	-4.272
3587	2.267	1.055	-0.302	-2.720	-0.355	-0.338	2.254	3.321	1.964	-0.454	1.912	1.928	4.521
3588	-5.063	-2.229	-0.054	5.783	0.690	0.471	-5.036	-7.292	-5.117	0.721	-4.373	-4.592	-10.098
3589	-3.261	-1.326	0.903	4.536	1.090	1.288	-3.241	-4.587	-2.358	1.275	-2.171	-1.973	-6.502
3590	0.400	0.095	-0.694	-1.166	-0.400	-0.842	0.393	0.495	-0.294	-0.766	0.000	-0.442	0.793
3591	-0.313	-0.074	0.543	0.911	0.313	0.658	-0.307	-0.387	0.230	0.599	0.000	0.345	-0.620
3592	-0.313	-0.074	-0.535	0.629	-0.685	0.245	-0.307	-0.387	-0.848	0.316	-0.997	-0.068	-0.620
3593	0.400	0.095	0.684	-0.804	0.876	-0.313	0.393	0.495	1.084	-0.404	1.275	0.087	0.793
3594	-3.262	-1.326	0.000	3.455	-1.670	0.142	-3.241	-4.588	-3.262	0.193	-4.932	-3.119	-6.503
3595	-5.063	-2.229	2.333	4.918	-0.811	-0.153	-5.036	-7.292	-2.730	-0.145	-5.874	-5.216	-10.099
3596	2.267	1.055	-0.827	-2.342	0.489	0.012	2.255	3.322	1.440	-0.075	2.756	2.279	4.522
3597	-2.142	-0.997	0.781	2.212	-0.462	-0.011	-2.130	-3.138	-1.360	0.071	-2.604	-2.153	-4.272
3598	-0.674	-0.302	2.136	0.067	1.233	-0.402	-0.673	-0.977	1.462	-0.607	0.558	-1.076	-1.347
3599	-2.962	-1.411	2.506	2.392	0.729	-0.498	-2.955	-4.372	-0.456	-0.570	-2.233	-3.460	-5.917
3600	-0.428	-0.194	0.951	0.411	0.246	0.026	-0.421	-0.622	0.523	-0.017	-0.182	-0.402	-0.849

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON		
											CASE11	CASE12	CASE13
3601	0.453	0.206	-1.007	-0.435	-0.260	-0.027	0.445	0.659	-0.554	0.018	0.193	0.426	0.898
3602	-3.718	-1.724	4.448	3.476	0.913	-0.033	-3.697	-5.442	0.730	-0.242	-2.805	-3.751	-7.415
3603	-5.329	-2.529	4.049	5.169	0.634	-0.036	-5.306	-7.858	-1.279	-0.160	-4.695	-5.364	-10.635
3604	1.708	0.835	-0.785	-1.721	-0.126	0.013	1.699	2.544	0.923	-0.013	1.582	1.721	3.407
3605	-1.614	-0.790	0.742	1.627	0.119	-0.012	-1.606	-2.404	-0.872	0.012	-1.495	-1.627	-3.220
3606	-3.289	-1.550	1.744	2.975	0.045	-0.224	-3.283	-4.838	-1.545	-0.313	-3.244	-3.513	-6.571
3607	3.792	1.946	-2.043	-3.457	-0.740	0.139	3.791	5.738	1.749	0.335	3.053	3.931	7.583
3608	-1.284	-0.641	0.611	1.091	0.481	-0.065	-1.296	-1.925	-0.673	-0.193	-0.803	-1.349	-2.580
3609	1.953	1.000	-0.444	-1.825	-0.399	0.052	1.955	2.953	1.509	0.128	1.554	2.005	3.908
3610	0.541	0.291	0.172	-0.436	0.346	0.153	0.525	0.832	0.713	0.105	0.887	0.694	1.066
3611	0.541	0.291	-0.076	-0.522	-0.357	-0.135	0.525	0.832	0.465	0.020	0.185	0.406	1.066
3612	1.953	1.000	0.045	-1.755	0.245	0.315	1.955	2.953	1.998	0.198	2.198	2.269	3.908
3613	-1.284	-0.641	0.128	1.026	-0.299	-0.388	-1.296	-1.925	-1.156	-0.257	-1.582	-1.671	-2.580
3614	3.792	1.946	0.654	-3.468	0.425	0.621	3.791	5.738	4.446	0.324	4.217	4.413	7.583
3615	2.718	1.408	0.762	-2.388	0.040	0.247	2.718	4.126	3.480	0.330	2.758	2.965	5.436
3616	-0.056	-0.026	-0.234	-0.155	0.112	0.008	-0.069	-0.082	-0.289	-0.210	0.056	-0.048	-0.125
3617	0.911	0.479	0.609	-0.692	0.057	0.145	0.914	1.391	1.521	0.219	0.968	1.057	1.826
3618	1.461	0.751	-0.116	-1.354	0.089	0.292	1.444	2.212	1.344	0.106	1.550	1.753	2.904
3619	-0.523	-0.240	0.469	0.665	0.090	-0.071	-0.537	-0.763	-0.053	0.143	-0.433	-0.593	-1.060
3620	2.353	1.202	0.270	-2.109	0.129	0.593	2.354	3.555	2.623	0.244	2.482	2.946	4.707
3621	-2.028	-1.010	0.290	1.896	0.081	-0.406	-2.039	-3.038	-1.738	-0.132	-1.948	-2.435	-4.068
3622	3.344	1.733	1.008	-2.682	0.471	1.397	3.342	5.077	4.352	0.661	3.815	4.741	6.686
3623	1.900	0.977	1.418	-1.620	0.537	0.728	1.900	2.876	3.318	0.280	2.437	2.627	3.799
3624	-0.528	-0.239	-0.493	0.766	-0.163	0.082	-0.540	-0.766	-1.020	0.239	-0.691	-0.446	-1.068
3625	0.518	0.203	0.269	-0.797	-0.061	-0.253	0.521	0.722	0.787	-0.278	0.458	0.265	1.040
3626	1.086	0.543	-0.569	-0.864	-0.466	0.060	1.068	1.629	0.518	0.223	0.620	1.146	2.154
3627	-2.348	-1.221	0.507	2.363	0.445	-0.323	-2.355	-3.568	-1.840	0.016	-1.903	-2.670	-4.702
3628	3.638	1.827	-1.226	-3.956	-1.207	-0.203	3.632	5.465	2.412	-0.318	2.431	3.435	7.270
3629	-0.739	-0.313	-1.180	0.239	-0.526	-0.817	-0.746	-1.052	-1.919	-0.501	-1.265	-1.556	-1.485
3630	-0.740	-0.313	1.773	0.444	0.947	-0.206	-0.746	-1.053	1.033	-0.296	0.207	-0.946	-1.486
3631	3.638	1.827	-0.122	-3.107	0.992	0.711	3.633	5.465	3.516	0.531	4.630	4.350	7.271
3632	-2.348	-1.221	0.750	2.028	-0.089	-0.546	-2.355	-3.568	-1.598	-0.319	-2.437	-2.894	-4.702
3633	1.086	0.543	0.351	-0.734	0.285	0.372	1.068	1.629	1.437	0.352	1.371	1.458	2.154
3634	0.519	0.203	-0.543	-0.578	0.216	-0.138	0.521	0.722	-0.024	-0.060	0.734	0.381	1.040
3635	-0.528	-0.239	0.975	0.566	0.057	0.171	-0.540	-0.766	0.447	0.038	-0.471	-0.357	-1.068
3636	1.900	0.977	-3.260	-1.571	-0.897	0.136	1.900	2.876	-1.360	0.329	1.003	2.036	3.799
3637	3.344	1.733	-3.386	-2.686	-1.317	0.654	3.342	5.076	-0.042	0.658	2.026	3.997	6.685
3638	-2.028	-1.010	0.656	1.757	0.224	-0.344	-2.039	-3.038	-1.372	-0.271	-1.805	-2.372	-4.067
3639	2.353	1.202	-1.562	-2.085	-0.511	0.326	2.354	3.555	0.791	0.268	1.842	2.678	4.707
3640	-0.523	-0.240	-0.381	0.584	-0.017	-0.112	-0.537	-0.763	-0.904	0.061	-0.540	-0.635	-1.060
3641	1.461	0.751	-0.561	-1.360	-0.273	0.141	1.444	2.212	0.899	0.101	1.187	1.602	2.904
3642	0.911	0.479	-1.234	-0.726	-0.144	0.063	0.914	1.391	-0.322	0.185	0.767	0.975	1.826
3643	-0.056	-0.026	0.353	-0.172	-0.089	-0.073	-0.069	-0.082	0.297	-0.228	-0.145	-0.129	-0.125
3644	2.718	1.408	-1.667	-2.348	-0.202	0.143	2.718	4.126	1.051	0.370	2.516	2.861	5.436
3645	-1.886	-0.980	0.252	1.806	0.453	-0.028	-1.887	-2.866	-1.634	-0.080	-1.433	-1.914	-3.773

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3646	-0.157	-0.087	0.388	0.193	-0.224	0.013	-0.147	-0.243	0.231	0.037	-0.381	-0.143	-0.303
3647	-0.793	-0.414	-0.472	0.786	0.241	-0.012	-0.795	-1.207	-1.266	-0.007	-0.552	-0.806	-1.588
3648	-0.507	-0.273	0.407	0.396	-0.189	-0.087	-0.492	-0.780	-0.100	-0.111	-0.696	-0.594	-1.000
3649	-0.507	-0.272	-0.496	0.502	0.199	0.070	-0.492	-0.780	-1.004	-0.005	-0.308	-0.437	-1.000
3650	-0.793	-0.414	0.342	0.682	-0.163	-0.175	-0.795	-1.207	-0.451	-0.111	-0.956	-0.968	-1.588
3651	-0.157	-0.087	-0.474	0.275	0.154	0.168	-0.147	-0.243	-0.631	0.118	-0.003	0.011	-0.303
3652	-1.886	-0.980	-0.203	1.759	-0.300	-0.336	-1.887	-2.866	-2.088	-0.127	-2.186	-2.222	-3.772
3653	-0.700	-0.385	-0.706	0.618	0.027	-0.027	-0.703	-1.085	-1.406	-0.082	-0.674	-0.728	-1.403
3654	-1.245	-0.633	0.020	1.292	-0.174	-0.151	-1.234	-1.878	-1.225	0.047	-1.418	-1.396	-2.478
3655	0.395	0.182	-0.466	-0.494	0.025	-0.002	0.392	0.577	-0.072	-0.099	0.420	0.393	0.786
3656	-1.530	-0.788	0.267	1.444	-0.027	-0.156	-1.515	-2.319	-1.263	-0.086	-1.558	-1.686	-3.045
3657	0.651	0.309	-0.598	-0.798	-0.141	-0.052	0.665	0.959	0.052	-0.148	0.510	0.599	1.315
3658	-1.636	-0.840	0.343	1.553	0.100	-0.175	-1.637	-2.476	-1.293	-0.082	-1.535	-1.811	-3.273
3659	0.851	0.418	-0.836	-0.911	-0.291	-0.095	0.861	1.270	0.016	-0.059	0.560	0.756	1.712
3660	-2.403	-1.232	-0.008	2.309	-0.010	-0.402	-2.403	-3.635	-2.411	-0.093	-2.413	-2.805	-4.806
3661	0.603	0.274	-1.084	-0.794	-0.429	-0.383	0.599	0.877	-0.481	-0.192	0.174	0.219	1.202
3662	-1.745	-0.865	0.309	1.834	0.195	0.018	-1.733	-2.610	-1.437	0.089	-1.550	-1.727	-3.478
3663	1.756	0.907	-0.183	-1.763	0.000	0.179	1.752	2.664	1.574	-0.007	1.757	1.936	3.508
3664	-1.000	-0.546	-0.527	0.494	-0.287	-0.575	-0.986	-1.545	-1.527	-0.506	-1.286	-1.574	-1.985
3665	2.183	1.181	0.584	-1.900	0.306	0.821	2.192	3.364	2.767	0.283	2.489	3.004	4.374
3666	2.210	1.044	-2.826	-4.022	-1.466	-2.181	2.203	3.254	-0.616	-1.812	0.744	0.029	4.413
3667	2.260	1.113	0.645	-1.229	-0.010	1.572	2.256	3.373	2.905	1.031	2.250	3.832	4.516
3668	2.260	1.113	-1.899	-1.110	-1.109	1.120	2.257	3.373	0.361	1.150	1.151	3.381	4.517
3669	2.210	1.044	1.807	-3.089	2.574	-0.505	2.203	3.255	4.018	-0.879	4.784	1.705	4.414
3670	2.183	1.181	-2.291	-1.922	-0.789	0.368	2.192	3.364	-0.108	0.261	1.393	2.550	4.374
3671	-1.000	-0.546	1.259	0.708	0.605	-0.204	-0.985	-1.545	0.259	-0.291	-0.395	-1.204	-1.985
3672	1.756	0.907	-0.913	-1.715	-0.118	0.128	1.752	2.664	0.844	0.041	1.638	1.885	3.508
3673	-1.745	-0.865	0.603	1.735	-0.152	-0.124	-1.733	-2.610	-1.142	-0.010	-1.898	-1.869	-3.478
3674	0.603	0.274	1.297	-0.700	0.581	0.031	0.599	0.877	1.900	-0.097	1.183	0.634	1.202
3675	-2.403	-1.232	1.437	2.236	0.288	-0.275	-2.403	-3.634	-0.966	-0.167	-2.114	-2.677	-4.805
3676	0.851	0.418	0.816	-0.813	0.280	0.137	0.861	1.270	1.667	0.038	1.131	0.988	1.712
3677	-1.636	-0.841	0.228	1.546	0.053	-0.191	-1.637	-2.476	-1.407	-0.089	-1.582	-1.827	-3.273
3678	0.651	0.309	0.727	-0.732	0.140	0.060	0.665	0.959	1.377	-0.082	0.790	0.711	1.315
3679	-1.530	-0.788	0.157	1.460	0.133	-0.087	-1.514	-2.319	-1.373	-0.070	-1.397	-1.618	-3.045
3680	0.395	0.183	0.770	-0.471	-0.016	-0.021	0.392	0.577	1.165	-0.076	0.379	0.374	0.786
3681	-1.245	-0.634	0.223	1.318	0.234	0.016	-1.234	-1.878	-1.021	0.073	-1.010	-1.228	-2.478
3682	-0.700	-0.385	1.425	0.570	0.001	-0.035	-0.703	-1.085	0.724	-0.131	-0.699	-0.736	-1.403
3683	1.973	1.016	-1.730	-1.685	-0.845	-0.096	1.979	2.989	0.243	0.288	1.128	1.877	3.953
3684	-1.172	-0.595	0.488	1.023	0.658	-0.002	-1.188	-1.767	-0.684	-0.150	-0.514	-1.174	-2.360
3685	0.858	0.437	-0.467	-0.656	-0.577	-0.019	0.866	1.296	0.391	0.203	0.282	0.839	1.725
3686	-0.452	-0.217	0.247	0.710	0.540	0.243	-0.474	-0.670	-0.205	0.258	0.088	-0.210	-0.927
3687	-0.452	-0.217	-0.213	0.617	-0.557	-0.208	-0.474	-0.669	-0.665	0.165	-1.009	-0.660	-0.926
3688	0.858	0.437	0.051	-0.576	0.422	0.390	0.866	1.296	0.910	0.283	1.280	1.248	1.724
3689	-1.172	-0.595	0.110	0.939	-0.468	-0.466	-1.188	-1.767	-1.062	-0.233	-1.640	-1.638	-2.360
3690	1.973	1.015	0.993	-1.678	0.663	0.527	1.979	2.989	2.966	0.296	2.637	2.500	3.952

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3691	0.726	0.391	1.445	-0.428	0.150	0.080	0.733	1.118	2.172	0.298	0.876	0.806	1.460
3692	0.497	0.241	-0.533	-0.699	0.171	0.093	0.480	0.739	-0.035	-0.202	0.668	0.590	0.977
3693	-0.530	-0.257	0.624	0.816	-0.073	-0.037	-0.521	-0.787	0.094	0.287	-0.603	-0.566	-1.050
3694	0.949	0.486	-0.823	-0.719	-0.038	0.249	0.927	1.435	0.126	0.230	0.911	1.198	1.876
3695	-1.841	-0.914	0.404	2.111	-0.024	-0.260	-1.861	-2.755	-1.437	0.270	-1.865	-2.101	-3.702
3696	1.809	0.918	-0.416	-1.518	-0.050	0.483	1.816	2.726	1.393	0.291	1.759	2.292	3.625
3697	-2.331	-1.183	0.680	2.143	0.128	-0.523	-2.346	-3.514	-1.652	-0.189	-2.203	-2.855	-4.677
3698	2.605	1.333	0.551	-2.153	0.368	1.015	2.610	3.939	3.156	0.452	2.973	3.620	5.215
3699	0.313	0.173	2.139	0.093	0.906	0.921	0.319	0.486	2.452	0.406	1.219	1.233	0.632
3700	0.553	0.257	-1.625	-0.746	-0.710	-0.658	0.537	0.811	-1.072	-0.192	-0.156	-0.105	1.090
3701	-1.097	-0.530	1.662	1.579	0.759	0.749	-1.087	-1.627	0.565	0.482	-0.338	-0.348	-2.184
3702	-0.278	-0.159	-1.452	0.622	-0.675	-0.478	-0.299	-0.438	-1.730	0.344	-0.953	-0.756	-0.577
3703	-2.686	-1.263	2.451	3.883	1.457	1.600	-2.704	-3.949	-0.235	1.197	-1.229	-1.086	-5.390
3704	-2.198	-1.215	-0.552	2.782	-0.418	-0.319	-2.184	-3.412	-2.750	0.584	-2.616	-2.517	-4.382
3705	-0.785	-0.402	2.778	2.785	1.052	3.207	-0.803	-1.187	1.993	2.000	0.266	2.421	-1.588
3706	-0.786	-0.402	-3.018	2.651	-3.036	1.516	-0.803	-1.188	-3.804	1.866	-3.822	0.730	-1.589
3707	-2.198	-1.215	3.181	2.426	0.526	0.070	-2.184	-3.413	0.983	0.228	-1.672	-2.128	-4.382
3708	-2.686	-1.263	-1.833	3.391	-2.170	0.097	-2.704	-3.950	-4.519	0.704	-4.856	-2.589	-5.390
3709	-0.278	-0.159	2.442	0.484	0.819	0.140	-0.299	-0.438	2.163	0.206	0.540	-0.138	-0.577
3710	-1.097	-0.530	-1.510	1.467	-1.074	-0.009	-1.087	-1.627	-2.607	0.370	-2.171	-1.106	-2.184
3711	0.553	0.257	1.879	-0.787	0.971	0.035	0.537	0.811	2.432	-0.234	1.524	0.589	1.090
3712	0.313	0.173	-3.291	0.101	-1.297	0.011	0.319	0.486	-2.978	0.414	-0.985	0.324	0.632
3713	2.605	1.333	-2.521	-2.173	-0.974	0.457	2.609	3.938	0.084	0.432	1.631	3.062	5.214
3714	-2.331	-1.183	0.460	2.092	0.272	-0.459	-2.346	-3.514	-1.871	-0.239	-2.059	-2.791	-4.677
3715	1.809	0.918	-0.396	-1.523	-0.306	0.374	1.816	2.727	1.413	0.286	1.503	2.183	3.625
3716	-1.841	-0.914	0.635	2.057	0.197	-0.165	-1.861	-2.755	-1.206	0.216	-1.644	-2.006	-3.702
3717	0.949	0.486	0.556	-0.758	-0.150	0.200	0.927	1.435	1.505	0.191	0.799	1.150	1.876
3718	-0.530	-0.257	-0.286	0.816	0.076	0.027	-0.521	-0.787	-0.816	0.287	-0.454	-0.503	-1.051
3719	0.497	0.241	0.340	-0.740	-0.190	-0.054	0.480	0.738	0.837	-0.243	0.307	0.443	0.977
3720	0.727	0.392	-1.184	-0.360	-0.165	-0.054	0.733	1.118	-0.457	0.367	0.561	0.673	1.460
3721	-1.293	-0.670	-0.123	1.307	0.487	0.073	-1.300	-1.963	-1.416	0.014	-0.806	-1.220	-2.593
3722	0.514	0.259	0.635	-0.559	-0.266	-0.001	0.521	0.773	1.149	-0.046	0.247	0.513	1.034
3723	-0.434	-0.221	-0.600	0.397	0.322	0.023	-0.436	-0.655	-1.034	-0.037	-0.112	-0.411	-0.870
3724	0.424	0.204	0.538	-0.690	-0.278	-0.131	0.445	0.628	0.962	-0.265	0.146	0.293	0.869
3725	0.424	0.204	-0.570	-0.555	0.294	0.099	0.445	0.628	-0.146	-0.131	0.718	0.523	0.869
3726	-0.434	-0.221	0.509	0.267	-0.248	-0.205	-0.436	-0.655	0.075	-0.166	-0.681	-0.639	-0.870
3727	0.513	0.259	-0.623	-0.449	0.196	0.186	0.521	0.773	-0.110	0.065	0.709	0.699	1.034
3728	-1.293	-0.670	-0.131	1.232	-0.395	-0.286	-1.300	-1.963	-1.424	-0.062	-1.688	-1.579	-2.593
3729	0.112	0.035	-1.063	-0.123	0.009	0.056	0.104	0.147	-0.951	-0.011	0.121	0.168	0.216
3730	-0.766	-0.383	0.378	0.779	-0.115	-0.081	-0.758	-1.149	-0.388	0.013	-0.881	-0.847	-1.524
3731	0.940	0.468	-0.599	-1.083	0.051	0.044	0.937	1.409	0.341	-0.143	0.991	0.984	1.878
3732	-0.900	-0.461	0.907	0.722	0.130	-0.019	-0.879	-1.360	0.008	-0.178	-0.770	-0.919	-1.779
3733	1.736	0.861	-0.514	-2.026	-0.071	0.030	1.756	2.598	1.222	-0.290	1.665	1.766	3.492
3734	-1.678	-0.842	0.877	1.667	0.272	0.039	-1.680	-2.520	-0.801	-0.011	-1.406	-1.639	-3.358
3735	1.689	0.849	-0.971	-1.816	-0.312	-0.091	1.696	2.538	0.718	-0.127	1.377	1.598	3.385

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3736	-2.559	-1.286	0.658	2.780	0.253	0.107	-2.565	-3.845	-1.901	0.221	-2.306	-2.452	-5.124
3737	1.465	0.719	-1.718	-1.734	-0.654	-0.576	1.457	2.185	-0.253	-0.269	0.811	0.889	2.922
3738	-1.954	-0.974	0.956	2.246	0.398	0.487	-1.945	-2.927	-0.997	0.292	-1.556	-1.467	-3.899
3739	2.753	1.370	-1.363	-3.407	-0.610	-0.738	2.748	4.123	1.390	-0.654	2.143	2.014	5.501
3740	-3.178	-1.635	1.150	3.552	0.489	0.733	-3.157	-4.813	-2.028	0.374	-2.689	-2.445	-6.335
3741	5.958	2.969	-2.087	-7.778	-1.223	-1.786	5.973	8.927	3.872	-1.819	4.735	4.172	11.932
3742	-11.550	-5.865	2.547	14.515	1.595	2.835	-11.539	-17.415	-9.004	2.965	-9.956	-8.715	-23.089
3743	-2.755	-1.434	-1.762	2.784	-0.563	-1.111	-2.745	-4.188	-4.517	0.030	-3.318	-3.866	-5.499
3744	-2.755	-1.434	4.613	2.395	1.205	-0.379	-2.745	-4.189	1.859	-0.360	-1.549	-3.134	-5.499
3745	-11.551	-5.865	5.082	13.189	-3.145	0.870	-11.539	-17.416	-6.468	1.638	-14.696	-10.681	-23.090
3746	5.959	2.969	-1.373	-7.050	2.140	-0.392	5.973	8.928	4.585	-1.091	8.099	5.566	11.932
3747	-3.178	-1.635	0.802	3.415	-0.873	0.170	-3.157	-4.812	-2.376	0.237	-4.051	-3.008	-6.335
3748	2.753	1.370	-0.111	-3.162	0.963	-0.089	2.748	4.123	2.642	-0.410	3.715	2.664	5.500
3749	-1.954	-0.974	0.075	2.161	-0.630	0.063	-1.945	-2.927	-1.879	0.207	-2.584	-1.890	-3.899
3750	1.465	0.719	1.454	-1.642	0.882	0.054	1.457	2.185	2.919	-0.177	2.347	1.519	2.922
3751	-2.559	-1.286	0.734	2.674	-0.258	-0.099	-2.565	-3.845	-1.825	0.115	-2.818	-2.658	-5.124
3752	1.689	0.849	0.463	-1.741	0.293	0.153	1.695	2.538	2.151	-0.052	1.982	1.842	3.384
3753	-1.678	-0.842	-0.469	1.637	-0.222	-0.159	-1.679	-2.520	-2.147	-0.041	-1.900	-1.837	-3.357
3754	1.736	0.861	-0.066	-1.969	0.032	0.067	1.756	2.598	1.670	-0.233	1.768	1.803	3.492
3755	-0.900	-0.461	-1.051	0.751	-0.075	-0.100	-0.879	-1.360	-1.951	-0.149	-0.975	-1.000	-1.779
3756	0.940	0.468	0.608	-1.084	-0.069	-0.008	0.937	1.409	1.548	-0.144	0.871	0.932	1.878
3757	-0.766	-0.383	-0.567	0.813	0.146	0.025	-0.758	-1.148	-1.333	0.047	-0.620	-0.740	-1.523
3758	0.112	0.035	1.504	-0.200	-0.043	0.037	0.104	0.147	1.616	-0.088	0.069	0.149	0.216
3759	1.102	0.572	-1.986	-0.862	-1.055	-0.284	1.119	1.675	-0.884	0.241	0.048	0.819	2.221
3760	-0.968	-0.498	0.643	0.833	0.876	0.124	-0.986	-1.467	-0.325	-0.135	-0.092	-0.844	-1.954
3761	0.163	0.083	-0.624	0.054	-0.732	-0.086	0.179	0.246	-0.461	0.217	-0.569	0.078	0.342
3762	-0.916	-0.464	0.431	1.319	0.723	0.318	-0.951	-1.380	-0.485	0.403	-0.193	-0.598	-1.867
3763	-0.916	-0.464	-0.395	1.216	-0.738	-0.283	-0.951	-1.380	-1.311	0.300	-1.654	-1.199	-1.867
3764	0.163	0.083	0.154	0.140	0.579	0.453	0.178	0.246	0.317	0.303	0.742	0.616	0.341
3765	-0.968	-0.498	-0.267	0.727	-0.709	-0.528	-0.986	-1.467	-1.235	-0.241	-1.677	-1.496	-1.954
3766	1.103	0.572	1.565	-0.852	0.939	0.540	1.119	1.675	2.667	0.251	2.041	1.642	2.221
3767	-0.430	-0.193	2.134	0.701	0.248	-0.048	-0.413	-0.623	1.705	0.271	-0.182	-0.478	-0.842
3768	1.048	0.509	-1.186	-1.311	0.064	0.123	1.030	1.558	-0.138	-0.263	1.112	1.172	2.078
3769	-1.477	-0.738	0.788	1.791	-0.117	-0.147	-1.461	-2.215	-0.689	0.314	-1.595	-1.624	-2.939
3770	0.879	0.434	-1.494	-0.566	-0.165	0.186	0.843	1.313	-0.615	0.312	0.714	1.064	1.722
3771	-2.596	-1.307	0.587	3.043	-0.008	-0.331	-2.631	-3.903	-2.009	0.446	-2.605	-2.927	-5.227
3772	1.596	0.800	-1.114	-1.418	-0.272	0.283	1.611	2.396	0.482	0.178	1.324	1.879	3.207
3773	-2.581	-1.310	1.060	2.440	0.205	-0.477	-2.598	-3.891	-1.521	-0.141	-2.377	-3.058	-5.179
3774	2.612	1.316	-0.093	-2.469	0.123	0.615	2.627	3.928	2.519	0.143	2.735	3.227	5.239
3775	-0.635	-0.300	3.209	1.138	1.383	1.211	-0.619	-0.935	2.574	0.503	0.748	0.576	-1.254
3776	1.659	0.808	-3.024	-2.241	-1.324	-1.314	1.642	2.467	-1.365	-0.582	0.335	0.345	3.301
3777	-1.794	-0.868	2.708	2.477	1.230	1.203	-1.777	-2.662	0.914	0.683	-0.564	-0.591	-3.571
3778	1.743	0.875	-3.107	-1.892	-1.365	-1.387	1.709	2.618	-1.364	-0.149	0.379	0.357	3.452
3779	-1.615	-0.764	2.607	2.502	1.416	1.377	-1.656	-2.379	0.992	0.887	-0.199	-0.238	-3.271
3780	5.586	2.827	-2.994	-7.047	-1.688	-2.175	5.599	8.413	2.591	-1.461	3.898	3.411	11.185

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3781	-1.366	-0.697	0.846	1.532	0.508	0.905	-1.395	-2.062	-0.519	0.167	-0.858	-0.460	-2.761
3782	1.771	0.929	0.356	-1.300	-0.142	0.309	1.799	2.700	2.127	0.471	1.629	2.080	3.570
3783	-2.223	-1.154	-0.187	2.194	0.074	0.071	-2.194	-3.377	-2.409	-0.029	-2.149	-2.152	-4.417
3784	-2.223	-1.154	1.321	2.057	-0.104	-0.005	-2.194	-3.377	-0.902	-0.166	-2.327	-2.228	-4.417
3785	1.771	0.929	-1.444	-1.641	-0.127	0.315	1.798	2.700	0.327	0.130	1.644	2.086	3.569
3786	-1.366	-0.697	-0.786	1.955	-1.013	0.277	-1.395	-2.063	-2.152	0.590	-2.379	-1.089	-2.761
3787	5.586	2.828	0.192	-6.471	2.743	-0.339	5.600	8.414	5.778	-0.885	8.330	5.248	11.186
3788	-1.615	-0.764	-2.703	2.429	-1.989	-0.033	-1.656	-2.380	-4.319	0.814	-3.604	-1.648	-3.272
3789	1.743	0.875	2.988	-1.829	1.956	-0.012	1.708	2.618	4.731	-0.086	3.699	1.731	3.452
3790	-1.794	-0.868	-2.368	2.328	-1.730	-0.022	-1.777	-2.662	-4.162	0.534	-3.524	-1.816	-3.571
3791	1.659	0.808	2.872	-2.140	1.875	0.010	1.642	2.468	4.531	-0.481	3.534	1.669	3.301
3792	-0.635	-0.300	-4.163	1.068	-1.844	-0.121	-0.619	-0.935	-4.798	0.433	-2.479	-0.756	-1.254
3793	2.612	1.316	-2.028	-2.432	-0.520	0.348	2.627	3.928	0.584	0.180	2.092	2.960	5.239
3794	-2.581	-1.310	0.355	2.426	0.188	-0.480	-2.598	-3.891	-2.226	-0.156	-2.393	-3.061	-5.179
3795	1.596	0.800	0.425	-1.394	-0.005	0.390	1.611	2.396	2.021	0.203	1.591	1.986	3.207
3796	-2.596	-1.307	1.129	2.987	0.237	-0.227	-2.631	-3.903	-1.468	0.391	-2.359	-2.824	-5.227
3797	0.878	0.434	1.233	-0.608	-0.013	0.245	0.843	1.313	2.111	0.270	0.865	1.124	1.721
3798	-1.477	-0.738	0.274	1.803	0.185	-0.020	-1.461	-2.215	-1.203	0.326	-1.293	-1.497	-2.939
3799	1.048	0.509	0.476	-1.327	-0.131	0.042	1.030	1.557	1.524	-0.279	0.917	1.090	2.078
3800	-0.430	-0.193	-0.963	0.779	-0.150	-0.216	-0.413	-0.623	-1.392	0.350	-0.580	-0.645	-0.842
3801	-1.180	-0.610	-0.248	1.306	0.536	0.132	-1.200	-1.790	-1.428	0.126	-0.644	-1.047	-2.380
3802	0.824	0.422	0.932	-0.952	-0.291	-0.038	0.833	1.246	1.755	-0.128	0.533	0.786	1.657
3803	-0.197	-0.099	-0.882	0.220	0.320	0.023	-0.208	-0.296	-1.080	0.023	0.122	-0.174	-0.406
3804	0.860	0.436	0.663	-1.270	-0.323	-0.147	0.893	1.296	1.523	-0.410	0.537	0.713	1.753
3805	0.860	0.436	-0.697	-1.111	0.337	0.114	0.893	1.296	0.163	-0.251	1.197	0.975	1.753
3806	-0.197	-0.099	0.775	0.072	-0.251	-0.203	-0.208	-0.296	0.578	-0.125	-0.449	-0.400	-0.406
3807	0.824	0.422	-0.669	-0.810	0.242	0.173	0.833	1.246	0.155	0.013	1.066	0.997	1.657
3808	-1.180	-0.610	-0.160	1.222	-0.468	-0.272	-1.200	-1.789	-1.339	0.042	-1.648	-1.452	-2.380
3809	0.374	0.167	-1.441	-0.289	-0.039	0.070	0.353	0.541	-1.067	0.086	0.336	0.444	0.728
3810	-0.582	-0.281	0.859	0.581	0.014	0.003	-0.573	-0.863	0.277	-0.001	-0.569	-0.579	-1.155
3811	1.269	0.635	-0.709	-1.373	0.055	0.045	1.258	1.905	0.561	-0.103	1.324	1.314	2.528
3812	-0.656	-0.322	1.391	0.389	0.256	0.099	-0.623	-0.978	0.734	-0.267	-0.401	-0.557	-1.279
3813	2.270	1.142	-0.539	-2.715	-0.093	0.037	2.303	3.411	1.730	-0.445	2.177	2.307	4.572
3814	-1.717	-0.858	1.301	1.840	0.440	0.205	-1.727	-2.574	-0.416	0.123	-1.276	-1.512	-3.444
3815	2.155	1.091	-0.987	-2.334	-0.312	-0.084	2.164	3.246	1.168	-0.179	1.843	2.071	4.319
3816	-2.990	-1.506	1.019	3.345	0.411	0.206	-3.010	-4.496	-1.971	0.355	-2.579	-2.784	-6.000
3817	1.941	0.959	-2.576	-2.225	-0.982	-0.837	1.920	2.900	-0.635	-0.284	0.959	1.104	3.861
3818	-2.871	-1.440	1.957	3.344	0.809	0.865	-2.861	-4.311	-0.914	0.473	-2.062	-2.005	-5.732
3819	3.489	1.737	-2.302	-4.206	-1.004	-1.044	3.476	5.226	1.187	-0.717	2.485	2.444	6.964
3820	-4.087	-2.079	2.886	4.435	1.232	1.283	-4.049	-6.167	-1.201	0.347	-2.855	-2.805	-8.137
3821	3.967	1.975	-2.417	-5.008	-1.280	-1.274	4.000	5.942	1.550	-1.041	2.687	2.693	7.967
3822	-4.964	-2.509	3.353	5.876	1.719	1.694	-4.972	-7.473	-1.611	0.913	-3.245	-3.269	-9.935
3823	0.207	0.106	-0.861	0.262	-0.349	-0.164	0.225	0.313	-0.654	0.469	-0.142	0.043	0.432
3824	-0.127	-0.127	0.757	-0.911	0.442	-0.366	-0.163	-0.255	0.630	-1.038	0.314	-0.493	-0.290
3825	0.993	0.526	-0.358	-0.520	-0.205	-0.024	0.965	1.519	0.635	0.473	0.788	0.969	1.958

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3826	0.993	0.526	0.629	-0.727	0.175	0.139	0.965	1.519	1.622	0.266	1.168	1.133	1.958
3827	-0.127	-0.128	-0.637	-0.241	-0.057	-0.570	-0.163	-0.255	-0.764	-0.368	-0.184	-0.697	-0.290
3828	0.207	0.106	1.001	-0.224	0.381	0.137	0.225	0.313	1.208	-0.017	0.588	0.344	0.432
3829	-4.963	-2.509	-0.574	5.407	-2.433	-0.027	-4.972	-7.472	-5.537	0.443	-7.396	-4.990	-9.935
3830	3.967	1.975	0.214	-4.707	1.824	0.012	4.000	5.943	4.182	-0.739	5.791	3.979	7.968
3831	-4.087	-2.079	-0.482	4.144	-1.793	0.030	-4.049	-6.166	-4.570	0.056	-5.880	-4.057	-8.136
3832	3.489	1.737	0.317	-3.906	1.459	-0.026	3.476	5.226	3.806	-0.418	4.947	3.462	6.964
3833	-2.871	-1.440	-0.293	3.126	-1.192	0.039	-2.861	-4.311	-3.164	0.255	-4.063	-2.832	-5.732
3834	1.941	0.959	2.132	-2.080	1.306	0.101	1.920	2.900	4.073	-0.139	3.247	2.042	3.861
3835	-2.990	-1.506	0.786	3.218	-0.438	-0.136	-3.010	-4.496	-2.204	0.228	-3.428	-3.126	-6.000
3836	2.155	1.091	0.193	-2.270	0.288	0.154	2.164	3.246	2.348	-0.115	2.443	2.309	4.319
3837	-1.716	-0.857	-0.966	1.759	-0.463	-0.158	-1.727	-2.574	-2.682	0.042	-2.179	-1.875	-3.444
3838	2.270	1.141	-0.376	-2.641	0.039	0.084	2.302	3.411	1.894	-0.371	2.308	2.354	4.572
3839	-0.656	-0.322	-1.842	0.406	-0.249	-0.101	-0.623	-0.978	-2.498	-0.250	-0.905	-0.757	-1.279
3840	1.269	0.635	0.676	-1.379	-0.078	-0.014	1.258	1.905	1.946	-0.110	1.191	1.255	2.528
3841	-0.582	-0.281	-1.311	0.588	-0.003	-0.001	-0.573	-0.862	-1.893	0.006	-0.585	-0.583	-1.155
3842	0.374	0.167	1.862	-0.380	-0.015	0.081	0.353	0.541	2.237	-0.006	0.359	0.456	0.727
3843	0.422	0.230	-2.681	-0.169	-1.409	-0.492	0.442	0.652	-2.259	0.253	-0.988	-0.070	0.864
3844	-0.276	-0.156	1.002	0.087	1.173	0.308	-0.287	-0.431	0.726	-0.189	0.897	0.032	-0.563
3845	-0.323	-0.169	-0.929	0.561	-0.956	-0.173	-0.303	-0.492	-1.252	0.238	-1.279	-0.496	-0.626
3846	-1.004	-0.515	0.929	1.453	1.013	0.422	-1.049	-1.518	-0.075	0.449	0.009	-0.581	-2.052
3847	-1.004	-0.515	-0.800	1.354	-1.014	-0.415	-1.048	-1.518	-1.804	0.350	-2.018	-1.419	-2.052
3848	-0.323	-0.169	0.421	0.636	0.801	0.554	-0.303	-0.492	0.098	0.313	0.478	0.231	-0.626
3849	-0.275	-0.155	-0.980	-0.032	-1.043	-0.603	-0.287	-0.431	-1.255	-0.307	-1.318	-0.878	-0.563
3850	0.422	0.230	2.504	-0.185	1.328	0.642	0.442	0.651	2.926	0.237	1.749	1.063	0.864
3851	-1.312	-0.632	2.855	1.613	0.373	-0.180	-1.291	-1.944	1.543	0.301	-0.939	-1.492	-2.603
3852	1.948	0.950	-1.830	-2.367	-0.061	0.230	1.936	2.898	0.118	-0.419	1.887	2.178	3.884
3853	-2.135	-1.071	0.977	2.471	-0.148	-0.278	-2.115	-3.206	-1.158	0.336	-2.283	-2.413	-4.250
3854	1.069	0.515	-2.054	-0.749	-0.255	0.206	1.024	1.584	-0.985	0.320	0.813	1.274	2.092
3855	-2.973	-1.495	0.873	3.536	0.042	-0.420	-3.019	-4.468	-2.099	0.563	-2.931	-3.392	-5.991
3856	1.538	0.756	-1.720	-1.463	-0.443	0.208	1.560	2.295	-0.182	0.075	1.096	1.746	3.098
3857	-2.432	-1.226	1.447	2.262	0.305	-0.407	-2.446	-3.658	-0.985	-0.170	-2.127	-2.840	-4.879
3858	2.736	1.362	-0.451	-2.695	0.015	0.583	2.760	4.098	2.285	0.041	2.751	3.319	5.496
3859	-1.209	-0.583	4.664	1.782	2.016	1.541	-1.187	-1.791	3.455	0.573	0.807	0.332	-2.396
3860	3.240	1.596	-4.779	-4.175	-2.110	-1.738	3.229	4.836	-1.539	-0.934	1.131	1.502	6.469
3861	-2.267	-1.108	3.368	2.856	1.542	1.261	-2.250	-3.375	1.101	0.589	-0.725	-1.006	-4.517
3862	2.485	1.242	-4.615	-2.460	-2.051	-1.692	2.441	3.727	-2.130	0.025	0.435	0.794	4.927
3863	-2.347	-1.157	2.888	3.063	1.564	1.213	-2.397	-3.504	0.541	0.716	-0.783	-1.134	-4.744
3864	2.301	1.153	-3.669	-2.523	-1.886	-1.491	2.325	3.455	-1.368	-0.221	0.415	0.811	4.626
3865	-1.414	-0.734	2.008	0.717	1.065	0.568	-1.442	-2.148	0.594	-0.697	-0.348	-0.846	-2.856
3866	-0.090	-0.005	-2.036	1.329	-1.168	-0.110	-0.045	-0.095	-2.125	1.239	-1.258	-0.199	-0.135
3867	-0.774	-0.427	-0.432	0.657	-0.096	0.065	-0.755	-1.201	-1.206	-0.117	-0.871	-0.709	-1.530
3868	0.771	0.413	0.851	-0.552	0.001	-0.112	0.767	1.184	1.622	0.219	0.772	0.660	1.538
3869	-3.466	-1.778	-1.834	3.334	-0.535	-0.571	-3.418	-5.243	-5.299	-0.132	-4.000	-4.036	-6.883
3870	-3.466	-1.778	3.521	3.355	0.785	-0.035	-3.418	-5.244	0.055	-0.111	-2.681	-3.501	-6.884

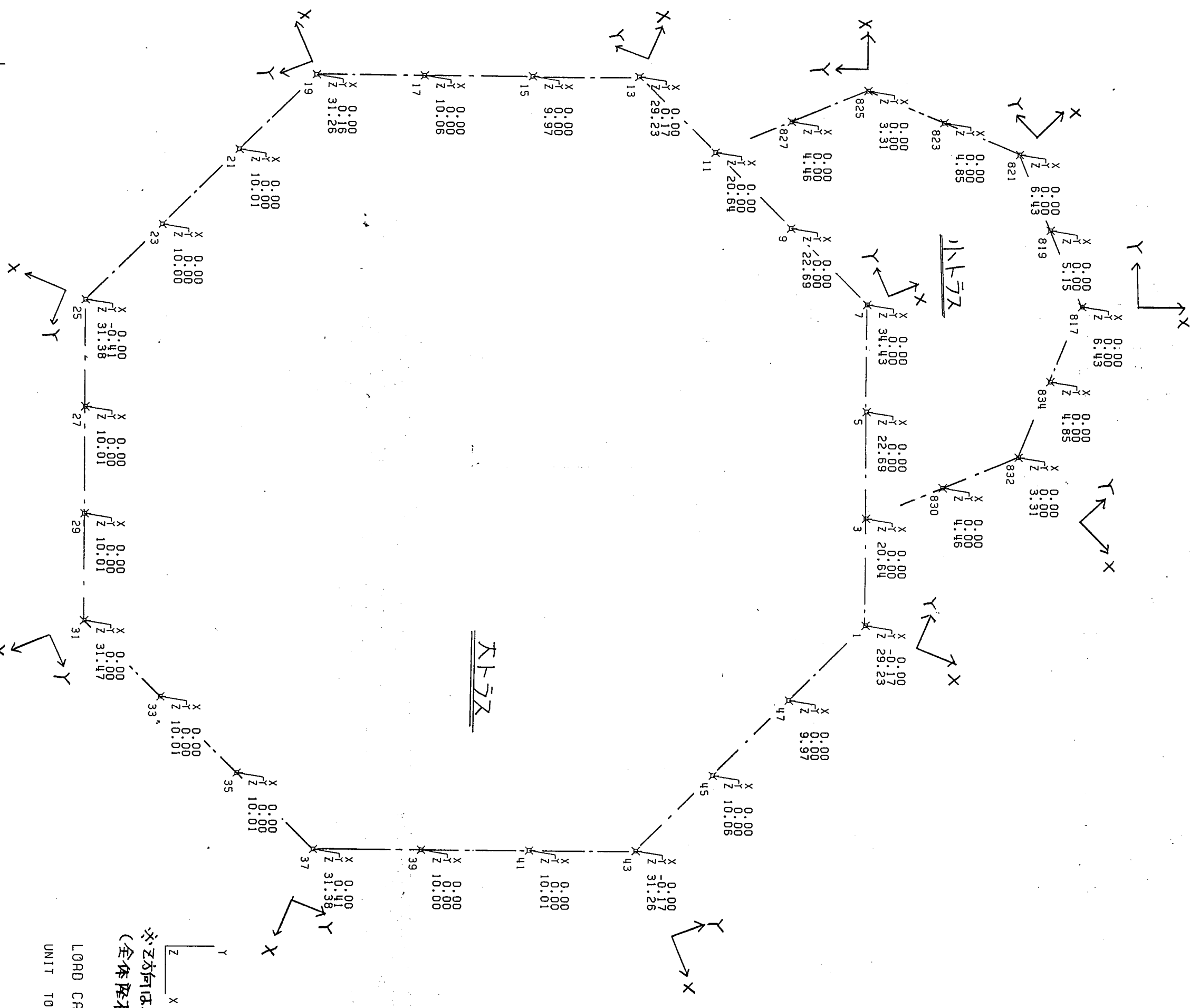
BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON	CASE11	CASE12	CASE13
3871	0.771	0.413	-0.191	-0.578	0.071	-0.078	0.767	1.184	0.580	0.193	0.842	0.693	1.538	
3872	-0.774	-0.427	0.286	0.600	0.005	0.108	-0.755	-1.201	-0.489	-0.174	-0.769	-0.667	-1.530	
3873	-0.090	-0.005	2.493	0.771	0.893	0.739	-0.045	-0.095	2.403	0.681	0.803	0.650	-0.135	
3874	-1.414	-0.735	-1.598	1.206	-1.162	-0.350	-1.442	-2.149	-3.012	-0.208	-2.576	-1.764	-2.856	
3875	2.301	1.153	3.270	-2.325	2.395	0.283	2.325	3.455	5.571	-0.024	4.697	2.584	4.626	
3876	-2.347	-1.157	-2.225	3.002	-1.970	-0.250	-2.398	-3.504	-4.572	0.655	-4.317	-2.597	-4.745	
3877	2.485	1.241	4.182	-2.335	2.656	0.257	2.441	3.727	6.667	0.151	5.141	2.742	4.926	
3878	-2.267	-1.108	-2.740	2.742	-1.986	-0.198	-2.250	-3.375	-5.007	0.475	-4.254	-2.465	-4.517	
3879	3.240	1.596	3.892	-3.860	2.740	0.269	3.229	4.836	7.132	-0.620	5.980	3.510	6.469	
3880	-1.209	-0.583	-5.764	1.663	-2.531	-0.335	-1.187	-1.791	-6.972	0.454	-3.740	-1.544	-2.396	
3881	2.736	1.362	-2.139	-2.613	-0.425	0.400	2.760	4.099	0.597	0.124	2.311	3.137	5.496	
3882	-2.432	-1.226	0.038	2.278	0.078	-0.498	-2.446	-3.658	-2.394	-0.154	-2.355	-2.931	-4.878	
3883	1.538	0.756	0.880	-1.371	0.173	0.460	1.559	2.294	2.418	0.167	1.711	1.998	3.097	
3884	-2.972	-1.495	1.363	3.441	0.266	-0.326	-3.018	-4.468	-1.610	0.468	-2.706	-3.298	-5.991	
3885	1.069	0.516	1.434	-0.768	0.039	0.324	1.024	1.584	2.503	0.300	1.108	1.393	2.092	
3886	-2.135	-1.071	0.694	2.479	0.302	-0.093	-2.114	-3.206	-1.441	0.344	-1.833	-2.228	-4.250	
3887	1.948	0.950	0.227	-2.291	-0.110	0.203	1.935	2.898	2.175	-0.343	1.838	2.151	3.883	
3888	-1.312	-0.632	-0.725	1.673	-0.154	-0.402	-1.291	-1.944	-2.038	0.351	-1.466	-1.714	-2.603	
3889	-1.146	-0.597	0.036	1.439	0.665	0.202	-1.188	-1.744	-1.110	0.293	-0.482	-0.944	-2.334	
3890	0.971	0.525	1.236	-1.586	-0.345	-0.160	1.034	1.496	2.207	-0.615	0.626	0.811	2.005	
3891	-0.438	-0.237	-1.195	0.999	0.346	0.082	-0.516	-0.675	-1.633	0.561	-0.091	-0.355	-0.953	
3892	0.946	0.485	0.844	-1.400	-0.285	-0.112	0.988	1.431	1.790	-0.454	0.661	0.834	1.934	
3893	0.946	0.485	-0.966	-1.245	0.286	0.105	0.988	1.431	-0.020	-0.299	1.232	1.051	1.934	
3894	-0.437	-0.237	0.866	0.840	-0.318	-0.175	-0.516	-0.674	0.429	0.403	-0.755	-0.612	-0.953	
3895	0.970	0.525	-0.430	-1.412	0.365	0.112	1.034	1.495	0.540	-0.441	1.335	1.082	2.005	
3896	-1.147	-0.597	-0.504	1.370	-0.605	-0.307	-1.188	-1.744	-1.650	0.223	-1.751	-1.454	-2.335	
3897	0.352	0.147	-1.819	-0.118	-0.149	0.072	0.311	0.500	-1.467	0.234	0.203	0.425	0.663	
3898	-0.340	-0.129	1.943	-0.089	0.282	0.085	-0.275	-0.469	1.603	-0.429	-0.058	-0.256	-0.616	
3899	0.910	0.436	-1.474	-0.447	-0.087	0.003	0.831	1.346	-0.564	0.463	0.823	0.913	1.741	
3900	-0.496	-0.235	1.632	0.207	0.357	0.193	-0.453	-0.731	1.136	-0.289	-0.139	-0.303	-0.948	
3901	2.290	1.158	-0.519	-2.833	-0.155	0.009	2.332	3.448	1.770	-0.543	2.135	2.299	4.622	
3902	-2.332	-1.185	0.907	3.128	0.453	0.216	-2.411	-3.517	-1.425	0.796	-1.879	-2.117	-4.744	
3903	2.696	1.387	-0.338	-3.387	-0.240	-0.075	2.762	4.083	2.358	-0.691	2.456	2.621	5.458	
3904	-3.553	-1.797	0.996	4.109	0.442	0.109	-3.599	-5.350	-2.557	0.556	-3.111	-3.444	-7.152	
3905	1.971	0.963	-3.588	-2.176	-1.401	-1.144	1.931	2.933	-1.618	-0.205	0.569	0.827	3.901	
3906	-3.104	-1.528	3.694	3.403	1.392	1.370	-3.039	-4.632	0.590	0.299	-1.712	-1.734	-6.143	
3907	2.824	1.381	-3.260	-2.943	-1.247	-1.252	2.747	4.205	-0.436	-0.119	1.577	1.572	5.571	
3908	-2.929	-1.465	3.323	3.136	1.366	1.360	-2.888	-4.395	0.394	0.206	-1.563	-1.570	-5.817	
3909	2.799	1.386	-1.695	-3.703	-0.908	-0.908	2.846	4.184	1.104	-0.905	1.891	1.890	5.645	
3910	-2.607	-1.312	2.287	3.408	1.255	1.037	-2.690	-3.919	-0.320	0.801	-1.352	-1.570	-5.297	
3911	1.341	0.699	-0.156	-1.299	-0.183	0.041	1.420	2.040	1.185	0.042	1.158	1.382	2.762	
3912	-0.382	-0.216	1.586	-0.343	0.887	0.146	-0.444	-0.598	1.204	-0.726	0.505	-0.237	-0.826	
3913	1.510	0.758	-0.853	-0.829	-0.371	-0.004	1.470	2.268	0.657	0.681	1.139	1.506	2.980	
3914	-1.232	-0.608	0.958	0.417	0.642	0.208	-1.181	-1.841	-0.274	-0.815	-0.591	-1.025	-2.414	
3915	4.288	2.159	0.187	-3.483	-0.110	0.483	4.187	6.448	4.475	0.805	4.178	4.771	8.475	

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
3916	4.288	2.159	-1.765	-3.438	-0.282	0.429	4.188	6.448	2.523	0.851	4.006	4.717	8.476
3917	-1.233	-0.608	-1.704	0.375	-0.581	-0.308	-1.181	-1.841	-2.937	-0.858	-1.814	-1.540	-2.414
3918	1.510	0.758	0.712	-0.921	0.278	0.268	1.470	2.268	2.222	0.589	1.788	1.778	2.980
3919	-0.382	-0.216	-1.421	0.218	-0.730	-0.514	-0.444	-0.598	-1.803	-0.164	-1.113	-0.896	-0.826
3920	1.341	0.699	-1.219	-1.815	0.128	0.164	1.421	2.041	0.122	-0.473	1.470	1.506	2.762
3921	-2.607	-1.312	-0.777	3.313	-1.651	-0.165	-2.690	-3.919	-3.384	0.706	-4.258	-2.772	-5.297
3922	2.799	1.386	-0.085	-3.484	1.305	0.007	2.846	4.185	2.714	-0.685	4.104	2.806	5.645
3923	-2.929	-1.466	-1.759	2.855	-1.951	-0.014	-2.888	-4.395	-4.689	-0.074	-4.880	-2.943	-5.817
3924	2.824	1.381	1.838	-2.615	1.780	0.002	2.747	4.205	4.662	0.209	4.604	2.826	5.571
3925	-3.104	-1.528	-2.234	2.945	-1.978	-0.027	-3.039	-4.632	-5.338	-0.159	-5.082	-3.131	-6.143
3926	1.970	0.963	3.308	-1.968	1.829	0.181	1.930	2.933	5.279	0.002	3.799	2.152	3.901
3927	-3.553	-1.796	1.523	3.912	-0.385	-0.220	-3.599	-5.349	-2.030	0.359	-3.938	-3.774	-7.152
3928	2.696	1.387	-0.825	-3.298	0.216	0.099	2.762	4.083	1.871	-0.602	2.912	2.795	5.458
3929	-2.332	-1.185	-0.096	2.924	-0.478	-0.154	-2.411	-3.517	-2.428	0.592	-2.810	-2.486	-4.743
3930	2.290	1.158	-0.245	-2.700	0.097	0.100	2.332	3.447	2.045	-0.410	2.387	2.390	4.622
3931	-0.496	-0.235	-2.390	0.182	-0.385	-0.098	-0.453	-0.731	-2.886	-0.314	-0.881	-0.594	-0.949
3932	0.910	0.436	2.142	-0.449	0.044	0.044	0.831	1.346	3.052	0.461	0.954	0.955	1.741
3933	-0.340	-0.129	-2.924	-0.158	-0.254	-0.118	-0.275	-0.469	-3.264	-0.499	-0.595	-0.458	-0.616
3934	0.352	0.147	2.262	-0.198	0.067	0.162	0.311	0.499	2.614	0.155	0.419	0.514	0.663
3935	-3.177	-1.654	-5.519	5.411	-2.505	-0.752	-3.322	-4.831	-8.696	2.234	-5.682	-3.929	-6.499
3936	3.240	1.672	3.868	-5.069	2.109	0.497	3.355	4.912	7.108	-1.828	5.349	3.737	6.595
3937	-2.124	-1.092	-3.003	3.382	-1.733	-0.512	-2.220	-3.216	-5.127	1.258	-3.857	-2.636	-4.344
3938	1.132	0.590	3.309	-2.286	1.783	0.688	1.271	1.722	4.441	-1.154	2.916	1.820	2.403
3939	1.132	0.589	-3.611	-2.347	-1.736	-0.788	1.270	1.721	-2.479	-1.215	-0.605	0.344	2.402
3940	-2.124	-1.091	3.199	3.438	1.586	0.881	-2.220	-3.215	1.075	1.314	-0.538	-1.243	-4.344
3941	3.241	1.671	-3.515	-5.137	-1.842	-1.161	3.356	4.912	-0.274	-1.896	1.399	2.080	6.596
3942	-3.178	-1.654	5.363	5.336	2.302	1.281	-3.324	-4.832	2.185	2.158	-0.875	-1.896	-6.501
3943	-4.743	-2.413	1.462	7.047	0.131	-0.594	-4.892	-7.157	-3.281	2.304	-4.613	-5.337	-9.635
3944	5.126	2.588	0.095	-7.230	0.446	0.769	5.242	7.713	5.221	-2.105	5.571	5.895	10.368
3945	-3.707	-1.861	0.167	5.196	-0.280	-0.685	-3.805	-5.568	-3.540	1.490	-3.987	-4.392	-7.512
3946	2.976	1.487	-0.643	-4.451	-0.071	0.589	3.116	4.463	2.333	-1.475	2.906	3.565	6.092
3947	-0.713	-0.309	2.487	-0.609	0.182	-0.627	-0.575	-1.021	1.774	-1.321	-0.530	-1.340	-1.288
3948	0.042	-0.031	-2.877	1.241	-0.526	0.416	-0.052	0.011	-2.835	1.284	-0.484	0.458	-0.010
3949	0.663	0.410	3.718	-2.522	0.739	-0.541	0.776	1.072	4.381	-1.859	1.401	0.121	1.438
3950	0.224	0.000	-2.580	1.681	-0.154	0.997	0.083	0.224	-2.355	1.905	0.071	1.221	0.307
3951	-1.847	-0.976	3.456	3.674	2.170	1.177	-1.997	-2.823	1.609	1.827	0.322	-0.670	-3.845
3952	4.045	2.045	-3.642	-6.127	-2.103	-1.183	4.162	6.090	0.403	-2.082	1.942	2.863	8.208
3953	-2.799	-1.404	3.306	4.269	1.860	1.032	-2.897	-4.203	0.507	1.470	-0.938	-1.766	-5.696
3954	2.560	1.302	-3.994	-3.942	-2.269	-1.300	2.700	3.863	-1.434	-1.381	0.291	1.260	5.261
3955	-0.297	-0.124	5.839	-1.498	2.381	1.347	-0.160	-0.422	5.541	-1.796	2.084	1.050	-0.458
3956	-0.563	-0.298	-6.126	2.614	-2.581	-1.376	-0.659	-0.861	-6.689	2.050	-3.145	-1.940	-1.223
3957	1.384	0.727	7.586	-4.156	3.185	1.684	1.498	2.111	8.970	-2.772	4.569	3.068	2.882
3958	-1.754	-0.950	-9.763	4.950	-4.161	-1.987	-1.904	-2.704	-11.517	3.196	-5.916	-3.741	-3.658
3959	5.774	2.763	-2.991	-5.310	-0.789	0.135	5.629	8.537	2.783	0.464	4.985	5.910	11.404
3960	-6.853	-3.325	0.478	6.872	-0.591	-1.035	-6.735	-10.178	-6.374	0.020	-7.444	-7.887	-13.588

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL FORCE:UNIT=TON CASE11	CASE12	CASE13
3961	0.167	0.103	-4.012	0.709	-1.433	-0.556	0.146	0.270	-3.845	0.876	-1.266	-0.389	0.313
3962	-2.790	-1.340	4.194	2.885	1.433	0.890	-2.714	-4.131	1.404	0.094	-1.358	-1.900	-5.504
3963	0.885	0.319	-4.996	-1.840	-1.807	-1.441	0.867	1.204	-4.111	-0.955	-0.922	-0.557	1.751
3964	-1.566	-0.719	4.885	1.690	2.102	0.921	-1.551	-2.286	3.319	0.124	0.536	-0.645	-3.117
3965	-1.566	-0.719	-3.980	1.674	-2.112	-0.835	-1.551	-2.285	-5.547	0.108	-3.679	-2.401	-3.117
3966	0.885	0.319	4.510	-1.436	2.281	0.254	0.867	1.203	5.394	-0.552	3.165	1.139	1.751
3967	-2.791	-1.340	-2.807	2.547	-1.634	-0.389	-2.714	-4.131	-5.597	-0.244	-4.425	-3.180	-5.505
3968	0.167	0.102	3.754	0.577	1.410	0.627	0.146	0.270	3.921	0.744	1.577	0.794	0.313
3969	-6.852	-3.324	5.702	6.360	1.137	-0.337	-6.735	-10.177	-1.150	-0.493	-5.715	-7.190	-13.588
3970	5.774	2.762	-0.883	-4.666	0.449	0.679	5.630	8.536	4.892	1.108	6.224	6.454	11.404
3971	-1.755	-0.951	13.817	4.756	4.319	1.530	-1.905	-2.706	12.062	3.001	2.564	-0.225	-3.659
3972	1.384	0.728	-10.664	-3.762	-3.432	-1.053	1.498	2.112	-9.280	-2.378	-2.048	0.332	2.882
3973	-0.563	-0.298	8.080	2.282	2.789	0.845	-0.659	-0.861	7.517	1.719	2.226	0.282	-1.222
3974	-0.297	-0.124	-6.963	-1.266	-2.617	-0.720	-0.160	-0.421	-7.260	-1.563	-2.915	-1.018	-0.458
3975	2.560	1.301	3.035	-3.793	2.517	0.682	2.700	3.862	5.595	-1.233	5.078	3.242	5.260
3976	-2.799	-1.404	-1.952	4.095	-2.030	-0.580	-2.897	-4.202	-4.750	1.296	-4.828	-3.378	-5.696
3977	4.045	2.044	1.278	-5.921	2.305	0.644	4.163	6.089	5.324	-1.875	6.350	4.689	8.208
3978	-1.848	-0.975	-3.275	3.850	-2.322	-0.674	-1.998	-2.822	-5.122	2.003	-4.169	-2.522	-3.845
3979	0.224	0.001	0.965	1.720	-0.548	0.840	0.083	0.225	1.189	1.944	-0.324	1.065	0.307
3980	0.663	0.409	-3.783	-2.337	-0.156	-0.921	0.776	1.072	-3.120	-1.675	0.506	-0.258	1.438
3981	0.043	-0.030	2.300	1.086	0.092	-0.680	-0.052	0.012	2.343	1.128	0.135	0.722	-0.009
3982	-0.713	-0.310	-1.202	-0.375	0.311	-0.585	-0.576	-1.023	-1.915	-1.088	-0.402	-1.298	-1.289
3983	2.976	1.487	-3.312	-4.257	-0.350	0.485	3.115	4.463	-0.337	-1.282	2.626	3.460	6.091
3984	-3.706	-1.861	4.214	5.042	0.677	-0.303	-3.804	-5.567	0.508	1.336	-3.029	-4.009	-7.510
3985	5.125	2.588	-6.062	-7.047	-0.852	0.249	5.241	7.713	-0.937	-1.922	4.273	5.374	10.366
3986	-4.743	-2.414	5.311	7.061	0.336	-0.559	-4.891	-7.157	0.568	2.319	-4.407	-5.302	-9.634
3987	1.942	1.051	-1.347	-3.984	0.153	-0.014	2.109	2.993	0.595	-2.042	2.096	1.928	4.051
3988	-0.446	-0.233	-0.183	0.654	-0.029	0.070	-0.446	-0.680	-0.630	0.208	-0.475	-0.376	-0.893
3989	-1.558	-0.811	0.208	3.188	-0.032	0.069	-1.748	-2.368	-1.350	1.630	-1.590	-1.489	-3.306
3990	-0.447	-0.233	-0.183	0.654	-0.029	0.070	-0.447	-0.680	-0.630	0.208	-0.476	-0.377	-0.894
3991	1.943	1.050	-0.076	-3.893	-0.108	-0.174	2.110	2.993	1.866	-1.950	1.835	1.769	4.053
3992	-0.447	-0.233	-0.183	0.654	-0.070	0.029	-0.447	-0.680	-0.630	0.208	-0.517	-0.418	-0.894
3993	-1.558	-0.811	-1.270	3.482	-0.077	0.026	-1.748	-2.368	-2.827	1.924	-1.635	-1.531	-3.306
3994	-0.447	-0.233	-0.183	0.654	-0.070	0.029	-0.447	-0.680	-0.630	0.208	-0.517	-0.418	-0.894
3995	0.612	0.383	1.633	-2.205	-0.010	-0.220	0.780	0.994	2.245	-1.594	0.602	0.392	1.392
3996	-0.447	-0.234	-0.183	0.655	-0.070	-0.029	-0.447	-0.681	-0.630	0.208	-0.517	-0.476	-0.894
3997	-1.557	-0.811	-1.270	3.744	-0.077	-0.032	-1.748	-2.368	-2.827	2.186	-1.634	-1.589	-3.305
3998	-0.447	-0.234	-0.184	0.655	-0.070	-0.029	-0.447	-0.681	-0.631	0.208	-0.517	-0.476	-0.894
3999	-2.216	-1.016	2.949	1.353	1.012	0.568	-2.044	-3.232	0.733	-0.864	-1.204	-1.648	-4.260
4000	-0.250	-0.131	-0.102	0.366	-0.016	-0.039	-0.250	-0.380	-0.352	0.116	-0.266	-0.289	-0.500
4001	1.311	0.703	0.552	-0.719	0.258	0.379	1.271	2.014	1.863	0.592	1.569	1.691	2.582
4002	-0.250	-0.131	-0.102	0.366	-0.016	-0.039	-0.250	-0.380	-0.352	0.116	-0.266	-0.289	-0.500
4003	-0.250	-0.130	0.366	0.366	0.039	-0.016	-0.250	-0.380	0.116	0.116	-0.211	-0.266	-0.500
4004	1.312	0.703	-1.172	-0.764	-0.445	0.093	1.271	2.014	0.139	0.548	0.867	1.404	2.583
4005	-0.250	-0.131	0.366	0.366	0.039	-0.016	-0.250	-0.381	0.116	0.116	-0.211	-0.266	-0.500

BEAM NO.	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	AXIAL CASE11	FORCE:UNIT=TON CASE12	CASE13
4051	0.117	0.075	2.569	-1.010	0.491	0.219	0.164	0.192	2.686	-0.893	0.608	0.336	0.281
4052	-0.107	-0.068	-2.344	0.922	-0.448	-0.200	-0.150	-0.176	-2.451	0.814	-0.555	-0.307	-0.257
4053	-0.107	-0.068	3.105	-0.478	0.470	0.172	-0.149	-0.174	2.998	-0.585	0.363	0.065	-0.256
4054	0.118	0.074	-3.403	0.523	-0.515	-0.188	0.164	0.192	-3.286	0.641	-0.397	-0.070	0.282
4055	-3.710	-1.659	4.299	-0.032	1.902	-0.607	-3.643	-5.369	0.589	-3.742	-1.808	-4.317	-7.352
4056	0.000	0.000	0.000	0.001	0.000	0.000	0.000	-0.001	0.000	0.000	0.000	0.000	-0.001
4057	0.001	0.000	0.000	-0.001	0.000	0.000	0.001	0.001	0.000	0.000	0.001	0.001	0.001
4058	-3.710	-1.659	-1.537	0.116	-0.908	-1.769	-3.643	-5.369	-5.247	-3.594	-4.617	-5.479	-7.353
4059	1.537	0.984	-2.462	-0.249	-1.526	0.332	1.544	2.520	-0.925	1.287	0.010	1.869	3.080
4060	1.376	0.905	-1.202	0.009	-0.731	0.645	1.382	2.281	0.174	1.385	0.645	2.021	2.758
4061	1.377	0.905	-0.124	0.138	0.030	0.964	1.382	2.282	1.252	1.514	1.407	2.341	2.759
4062	1.537	0.984	0.956	0.114	0.812	1.313	1.544	2.520	2.493	1.651	2.348	2.849	3.080
4063	-11.058	-5.349	-6.994	13.013	-3.642	-2.759	-10.914	-16.406	-18.052	1.955	-14.699	-13.816	-21.972
4064	-10.053	-4.421	0.365	13.949	-1.116	1.066	-10.005	-14.474	-9.689	3.896	-11.169	-8.987	-20.058
4065	-10.105	-4.480	4.336	13.407	-0.544	1.306	-10.084	-14.585	-5.769	3.301	-10.650	-8.800	-20.189
4066	-10.053	-4.421	7.823	12.290	0.021	1.546	-10.004	-14.474	-2.230	2.237	-10.032	-8.507	-20.058
4067	-11.058	-5.348	16.860	11.964	4.512	0.601	-10.914	-16.406	5.803	0.906	-6.546	-10.457	-21.972
4068	-2.202	-1.077	1.238	5.509	0.191	1.161	-2.205	-3.280	-0.965	3.307	-2.011	-1.041	-4.407
4069	-1.997	-0.921	-0.067	4.535	-0.409	0.928	-1.911	-2.917	-2.064	2.538	-2.406	-1.069	-3.908
4070	-2.202	-1.077	0.206	4.771	-0.971	0.653	-2.205	-3.280	-1.997	2.569	-3.174	-1.550	-4.408
4071	3.827	2.295	-5.014	-0.378	-1.770	1.544	3.853	6.122	-1.187	3.449	2.056	5.371	7.680
4072	3.826	2.295	0.609	-1.145	0.007	2.321	3.853	6.121	4.436	2.681	3.833	6.148	7.679
4073	-4.347	-1.589	6.898	6.544	2.876	3.838	-4.349	-5.936	2.551	2.196	-1.472	-0.509	-8.696
4074	-5.094	-2.744	1.132	-1.474	0.459	-3.896	-5.114	-7.838	-3.962	-6.568	-4.635	-8.990	-10.208
4075	4.943	2.279	-2.932	-3.945	-1.600	-0.450	4.911	7.222	2.012	0.999	3.343	4.493	9.854
4076	0.830	0.064	-6.121	1.790	-2.129	-0.766	0.790	0.894	-5.290	2.620	-1.299	0.065	1.620
4077	-5.094	-2.744	4.451	0.595	2.422	-3.099	-5.114	-7.838	-0.643	-4.499	-2.672	-8.193	-10.208
4078	0.830	0.064	6.158	2.126	2.056	0.956	0.790	0.894	6.988	2.956	2.887	1.786	1.620
4079	-4.348	-1.589	-4.668	4.548	-4.766	0.679	-4.349	-5.937	-9.016	0.201	-9.114	-3.669	-8.697
4080	4.943	2.278	-0.817	-3.518	1.446	0.816	4.910	7.222	4.126	1.425	6.389	5.759	9.854
4081	0.347	0.182	0.092	-0.327	-0.011	-0.026	0.347	0.529	0.439	0.020	0.337	0.322	0.695
4082	0.203	0.106	0.090	-0.322	0.087	0.014	0.203	0.308	0.293	-0.120	0.290	0.217	0.405
4083	-0.399	-0.209	-0.164	0.585	-0.026	-0.063	-0.399	-0.608	-0.563	0.185	-0.425	-0.462	-0.798
4084	0.450	0.271	-0.447	0.540	-0.495	0.386	0.451	0.721	0.003	0.990	-0.045	0.836	0.901
4085	-1.932	-1.065	-0.177	0.273	0.203	-0.815	-1.888	-2.997	-2.110	-1.659	-1.729	-2.747	-3.820
4086	1.959	1.044	0.820	-1.427	0.334	0.515	1.910	3.003	2.779	0.531	2.293	2.474	3.869
4087	1.806	0.968	0.760	-0.991	0.355	0.522	1.750	2.773	2.566	0.815	2.161	2.328	3.556
4088	4.177	1.959	1.908	-5.608	0.665	-0.535	4.155	6.135	6.085	-1.432	4.841	3.642	8.332
4089	-7.176	-3.376	-0.385	9.370	-0.116	1.310	-7.141	-10.552	-7.560	2.194	-7.292	-5.866	-14.316
4090	1.691	0.811	1.270	-1.993	0.296	0.053	1.688	2.502	2.961	-0.302	1.987	1.744	3.379
4091	0.314	0.226	-0.565	0.306	-0.311	0.057	0.295	0.539	-0.251	0.620	0.003	0.371	0.609
4092	-1.672	-0.870	-0.530	1.357	0.039	-0.095	-1.653	-2.542	-2.202	-0.315	-1.633	-1.767	-3.325
4093	1.489	0.720	1.057	-1.703	0.232	0.050	1.485	2.209	2.546	-0.214	1.722	1.539	2.974
4094	0.317	0.228	-0.570	0.309	-0.313	0.057	0.298	0.544	-0.253	0.625	0.003	0.374	0.615
4095	-2.345	-1.063	-1.724	1.249	-0.997	-0.818	-2.310	-3.407	-4.069	-1.096	-3.342	-3.163	-4.655

BEAM NO.											AXIAL FORCE:UNIT=TON		
	CASE 1	CASE 2	CASE 3	CASE 4	CASE 5	CASE 6	CASE 7	CASE 8	CASE 9	CASE10	CASE11	CASE12	CASE13
4096	-2.345	-1.063	3.546	0.846	1.245	0.106	-2.311	-3.409	1.201	-1.499	-1.100	-2.240	-4.656
4097	-4.572	-2.035	2.801	5.069	0.644	0.714	-4.419	-6.607	-1.771	0.497	-3.928	-3.858	-8.991
4098	2.851	1.275	-6.353	-2.465	-2.173	-1.014	2.787	4.126	-3.501	0.386	-0.678	1.837	5.638
4099	6.548	3.390	-0.762	-3.923	-0.545	1.370	6.570	9.938	5.785	2.625	6.003	7.917	13.118
4100	-4.572	-2.035	-0.704	5.577	-0.884	0.140	-4.419	-6.607	-5.276	1.005	-5.456	-4.432	-8.991
4101	2.851	1.275	2.392	-1.273	2.225	0.782	2.786	4.126	5.243	1.578	5.076	3.633	5.638
4102	6.548	3.389	-4.412	-5.423	-0.598	1.357	6.570	9.937	2.136	1.125	5.950	7.904	13.118
4103	0.899	0.802	7.746	3.946	3.747	8.729	0.886	1.701	8.645	4.845	4.645	9.628	1.785
4104	2.627	1.233	0.876	-2.402	-0.025	-0.372	2.624	3.860	3.503	0.225	2.602	2.255	5.251
4105	2.627	1.233	-1.408	-2.434	0.285	-0.245	2.624	3.861	1.220	0.193	2.912	2.383	5.251
4106	-15.558	-8.029	9.531	18.342	-3.523	1.661	-15.539	-23.587	-6.027	2.784	-19.081	-13.897	-31.097
4107	7.599	3.788	1.523	-7.015	3.415	1.205	7.576	11.388	9.122	0.584	11.014	8.804	15.175
4108	-1.768	-0.908	4.654	-0.091	3.133	-1.699	-1.755	-2.676	2.886	-1.859	1.365	-3.467	-3.523
4109	7.599	3.788	-4.638	-9.167	-3.278	-1.577	7.575	11.387	2.960	-1.568	4.321	6.021	15.174
4110	-15.559	-8.029	2.242	20.331	1.309	3.664	-15.539	-23.588	-13.317	4.772	-14.250	-11.894	-31.098
4111	-1.768	-0.908	-2.898	-0.169	-1.000	-3.407	-1.755	-2.676	-4.665	-1.937	-2.767	-5.175	-3.523
4112	-0.175	-0.056	-0.730	1.354	-0.577	0.279	-0.169	-0.232	-0.905	1.178	-0.752	0.104	-0.344



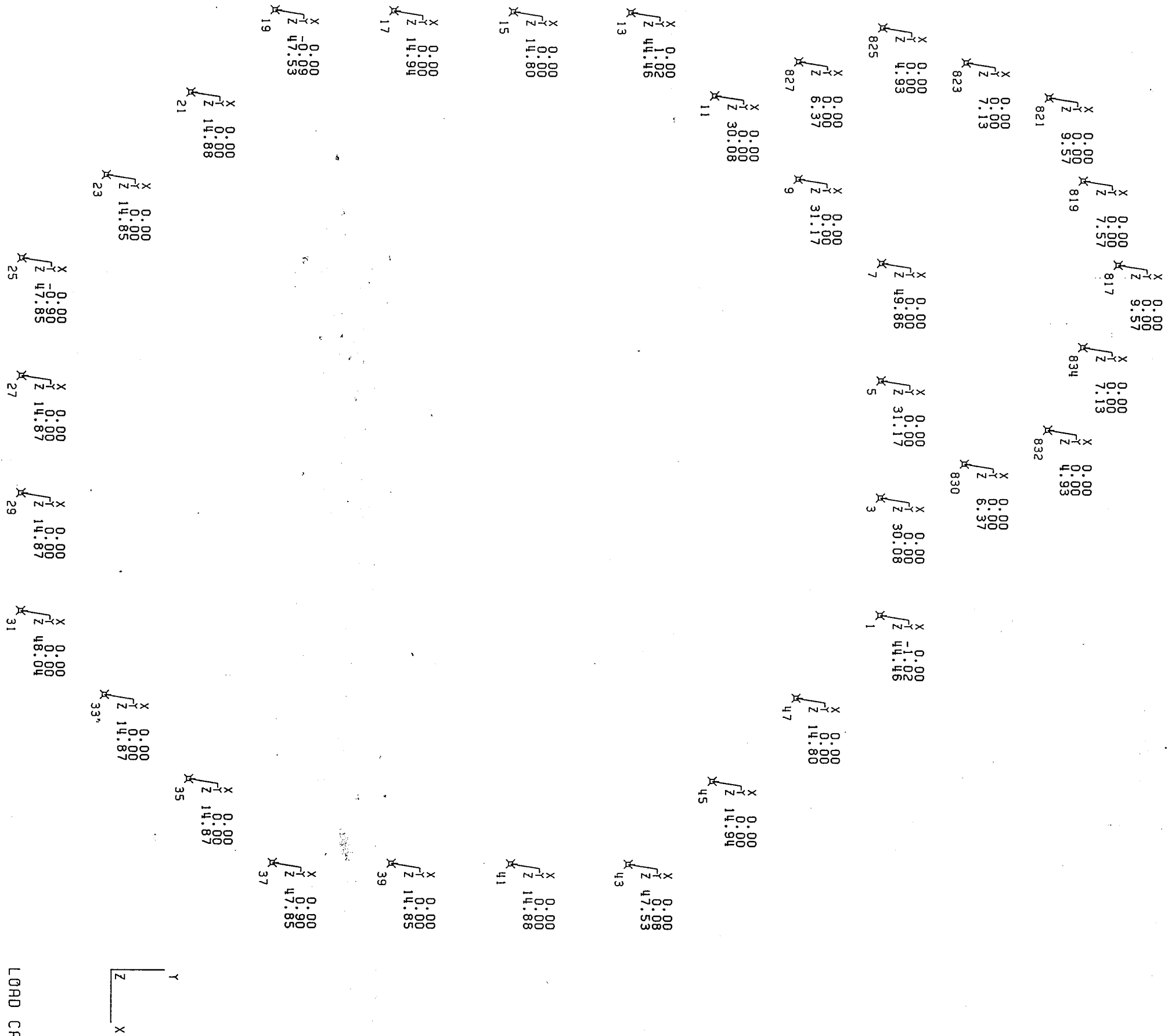
(局所座標系)

※反力は全て局所座標系で示す

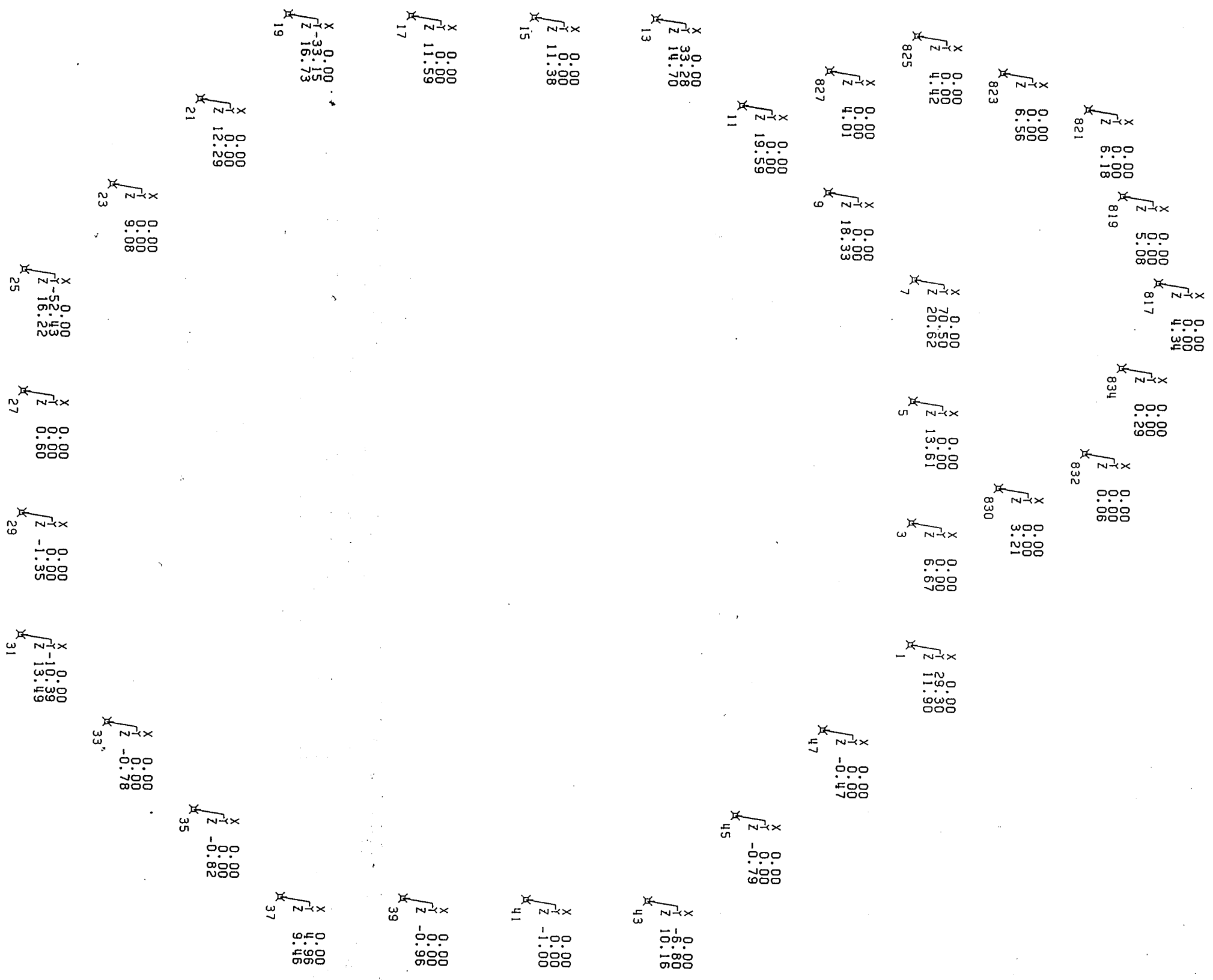
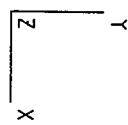
※Z方向は上向きを正とする
(全体座標系)

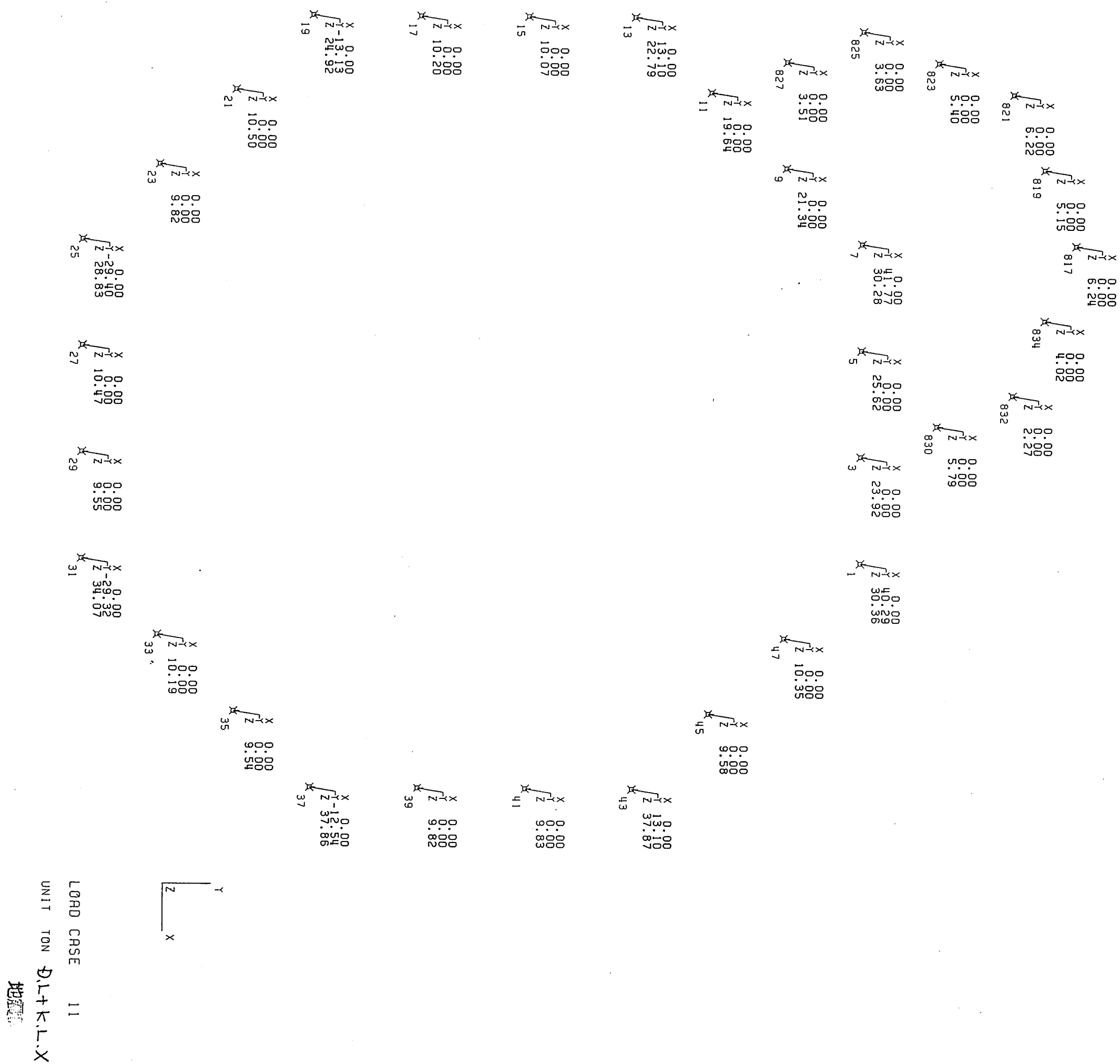
LOAD CASE 1
UNIT TON
常時

2) 支点反力図

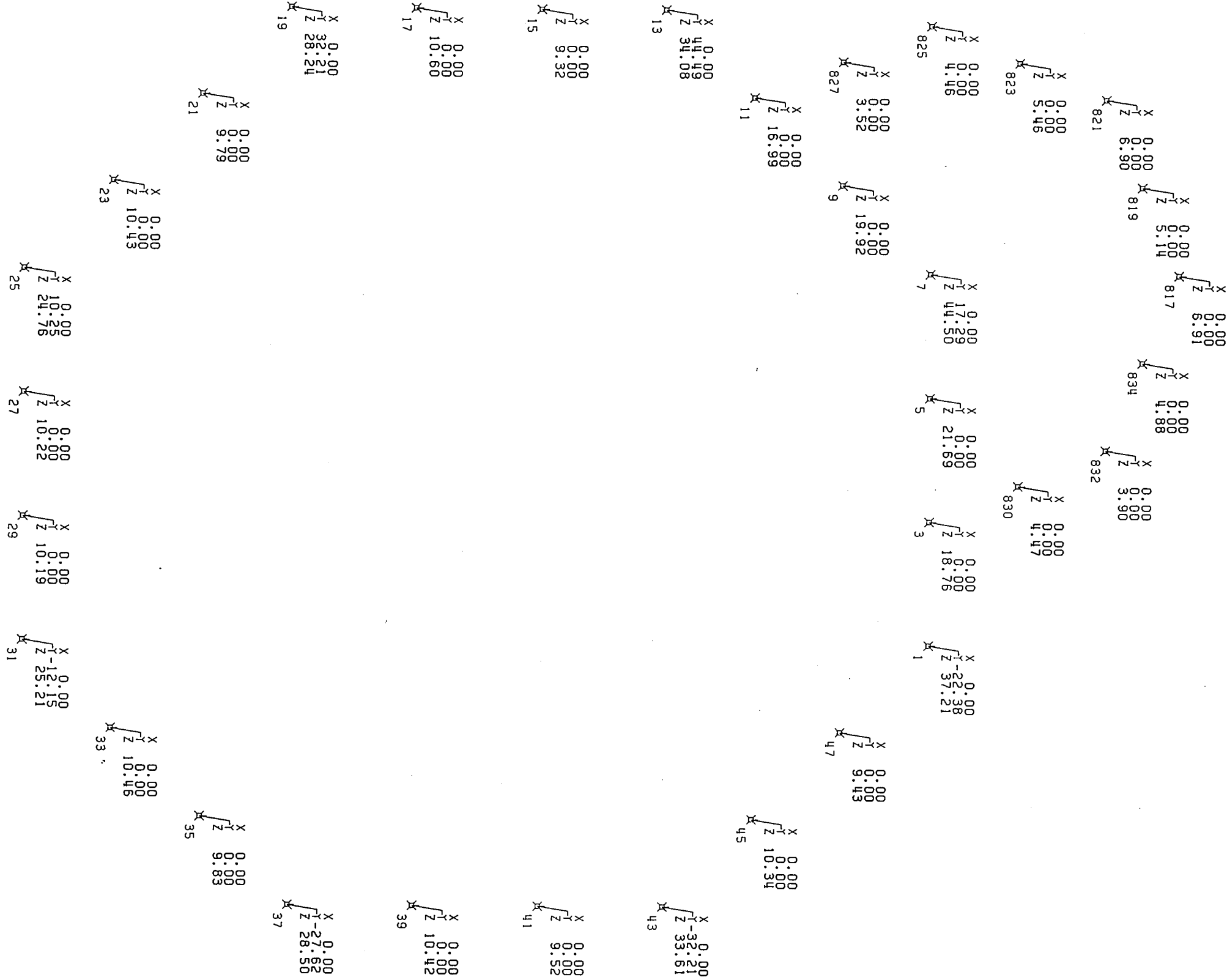
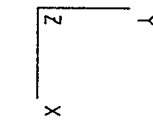


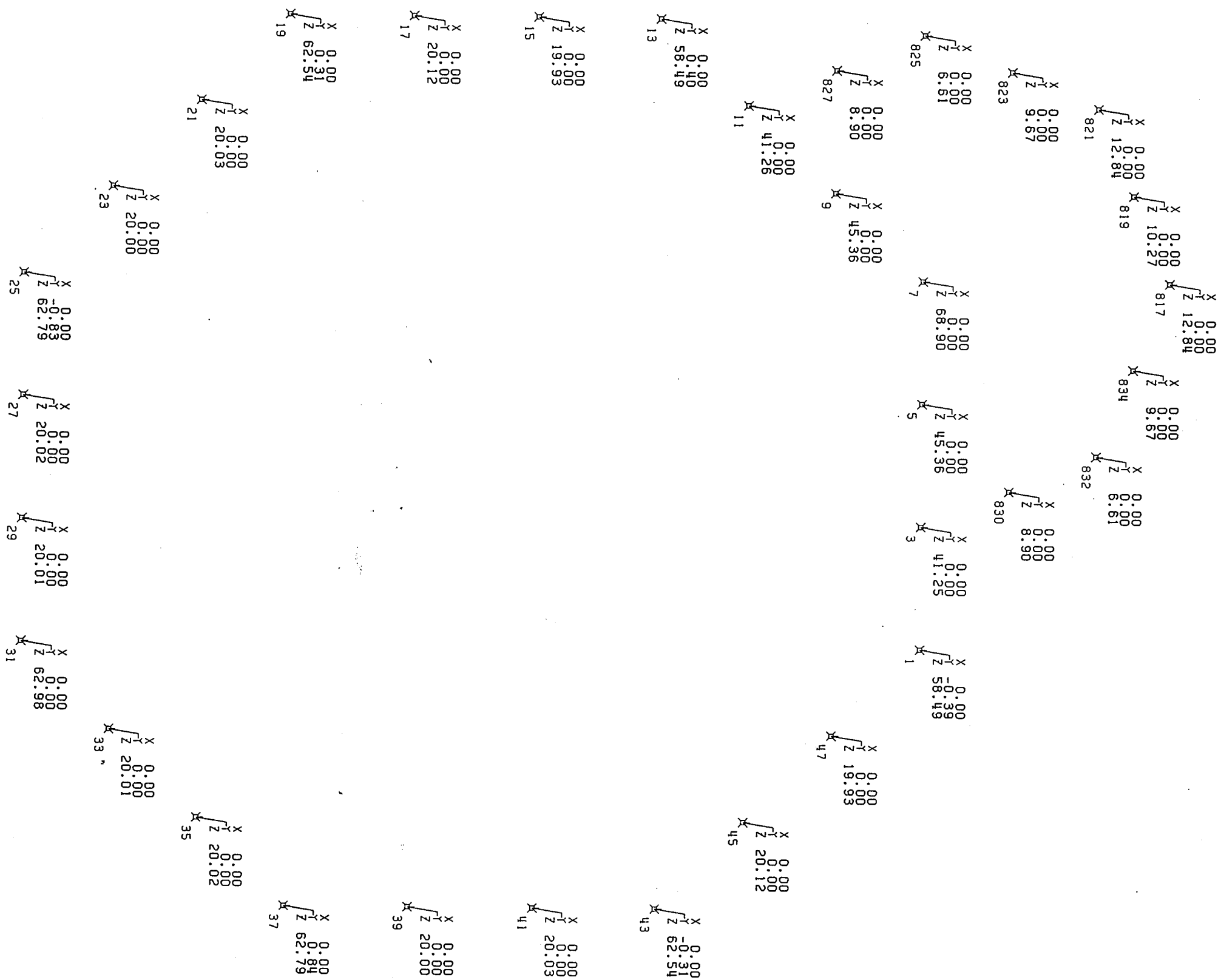
LOAD CASE 9
UNIT TON DL+W.L.X
地震時





LOAD CASE 12
UNIT TON D.L.+K.L.Y
地震時





LOAD CASE 13
UNIT TON 地震時

5-4 部材算定

1) シンボル対応表

P : パイプの外径 (mm)

T : パイプの厚さ (mm)

M : ボルトの呼び径

SW : ワッパの呼び径

L : 部材長さ (m)

N : 軸力 (t)

(1) : パイプ許容圧縮力 (t)

鋼構造設計規準【日本建築学会】{ 5.3 } { 5.4 }

{ 5.5 } 式による。

(2) : ワッパの許容圧縮力 (t)

TMトラス標準仕様書 1) 設計規準7-2-⑧式による。

(3) : パイプの引張応力 (組立孔の無い部材) (t)

TMトラス標準仕様書 1) 設計規準5-3-⑤式による。

(4) : パイプの許容圧縮、引張応力 (組立孔の有る部材) (t)

TMトラス標準仕様書 1) 設計規準5-2-②

5-3-④式による。

(5) : ボルト許容引張力 (ネジ谷断面で計算) (t)

TMトラス標準仕様書 1) 設計規準6-2-⑦

(6) : ボルト許容引張力 (ピン孔を考慮) (t)

TMトラス標準仕様書 1) 設計規準6-2-⑥

(S) : ボルトスリーブ間、ワッパスリーブ間の許容支圧力 (t)

(7) : (1) - (S) の最小値をとる。

(F) : 許容応力 (t)

長期の許容応力は、(7) の1.0 倍

短期の許容応力は、(7) の1.5 倍

(A) : 安全判定

$A = N / F \leq 1.0$ ならばOK

(H) : 細長比

余白

CHECK OF BEAMS

CASE 1:D.L 常時

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
3906	60.5	3.2	16	24	1.6690	-3.10	6.19	6.59	9.22	4.64			5.33	4.64	4.64	0.67	82.26
3909	60.5	3.2	16	24	1.6690	2.80			9.22	4.64	4.66	4.93	7.88	4.64	4.64	0.60	
3855	60.5	3.2	16	24	1.8207	-2.97	5.73	6.59	9.22	4.64			5.33	4.64	4.64	0.64	89.73
3907	60.5	3.2	16	24	1.8207	2.82			9.22	4.64	4.66	4.93	7.88	4.64	4.64	0.61	
3740	60.5	3.2	16	24	1.9318	-3.18	5.39	6.59	9.22	4.64			5.33	4.64	4.64	0.69	95.21
3834	60.5	3.2	16	24	1.9318	1.94			9.22	4.64	4.66	4.93	7.88	4.64	4.64	0.42	
3708	60.5	3.2	16	24	2.0203	-2.69	5.11	6.59	9.22	4.64			5.33	4.64	4.64	0.58	99.57
3739	60.5	3.2	16	24	2.0203	2.75			9.22	4.64	4.66	4.93	7.88	4.64	4.64	0.59	
3794	60.5	3.2	16	24	2.1437	-2.58	4.73	6.59	9.22	4.64			5.33	4.64	4.64	0.56	105.65
3669	60.5	3.2	16	24	2.1437	2.21			9.22	4.64	4.66	4.93	7.88	4.64	4.64	0.48	
3697	60.5	3.2	16	24	2.2208	-2.33	4.49	6.59	9.22	4.64			5.33	4.49	4.49	0.52	109.45
3596	60.5	3.2	16	24	2.2208	2.27			9.22	4.64	4.66	4.93	7.88	4.64	4.64	0.49	
3621	60.5	3.2	16	24	2.3643	-2.03	4.04	6.59	9.22	4.64			5.33	4.04	4.04	0.50	116.52
3999	76.3	3.2	20	30	1.1486	-2.22	10.48	10.88	11.76	6.12			8.70	6.12	6.12	0.36	44.40
3991	76.3	3.2	20	30	1.1486	1.94			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.32	
3945	76.3	3.2	20	30	1.5403	-3.71	9.55	10.88	11.76	6.12			8.70	6.12	6.12	0.61	59.54
3968	76.3	3.2	20	30	1.5403	0.17			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.03	
3820	76.3	3.2	20	30	1.7712	-4.09	8.93	10.88	11.76	6.12			8.70	6.12	6.12	0.67	68.47
3830	76.3	3.2	20	30	1.7712	3.97			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.65	
4043	76.3	3.2	20	30	1.8979	-3.44	8.57	10.88	11.76	6.12			8.70	6.12	6.12	0.56	73.36
3819	76.3	3.2	20	30	1.8979	3.49			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.57	
4111	76.3	3.2	20	30	2.0504	-1.77	8.13	10.88	11.76	6.12			8.70	6.12	6.12	0.29	79.26
3631	76.3	3.2	20	30	2.0504	3.64			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.60	
4036	76.3	3.2	20	30	2.1897	-3.84	7.71	10.88	11.76	6.12			8.70	6.12	6.12	0.63	84.64
4050	76.3	3.2	20	30	2.1897	3.84			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.63	
2425	76.3	3.2	20	30	2.3157	-1.15	7.33	10.88	11.76	6.12			8.70	6.12	6.12	0.19	89.51

CHECK OF BEAMS

CASE 1:D.L

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
2872	76.3	3.2	20	30	2.3157	1.85			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.30	
2778	76.3	3.2	20	30	2.4769	-1.51	6.83	10.88	11.76	6.12			8.70	6.12	6.12	0.25	95.75
1992	76.3	3.2	20	30	2.4769	3.61			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.59	
2635	76.3	3.2	20	30	2.5833	-1.26	6.50	10.88	11.76	6.12			8.70	6.12	6.12	0.21	99.86
1978	76.3	3.2	20	30	2.5833	2.88			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.47	
2266	76.3	3.2	20	30	2.7360	-1.88	6.02	10.88	11.76	6.12			8.70	6.02	6.02	0.31	105.76
2066	76.3	3.2	20	30	2.7360	0.85			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.14	
2269	76.3	3.2	20	30	2.8075	-1.89	5.80	10.88	11.76	6.12			8.70	5.80	5.80	0.33	108.53
1881	76.3	3.2	20	30	2.8075	2.28			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.37	
2089	76.3	3.2	20	30	2.9305	-3.61	5.42	10.88	11.76	6.12			8.70	5.42	5.42	0.67	113.28
1999	76.3	3.2	20	30	2.9305	0.80			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.13	
1875	76.3	3.2	20	30	3.0593	-2.88	5.02	10.88	11.76	6.12			8.70	5.02	5.02	0.57	118.26
1984	76.3	3.2	20	30	3.0593	0.22			11.76	6.12	7.28	7.48	11.51	6.12	6.12	0.04	
3943	89.1	4.2	24	38	1.4566	-4.74	15.62	18.70	17.92	9.04			14.31	9.04	9.04	0.52	48.47
3970	89.1	4.2	24	38	1.4566	5.77			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.64	
3560	89.1	4.2	24	38	1.7038	-4.75	14.85	18.70	17.92	9.04			14.31	9.04	9.04	0.53	56.69
3049	89.1	4.2	24	38	1.7038	3.02			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.33	
3822	89.1	4.2	24	38	1.8348	-4.96	14.41	18.70	17.92	9.04			14.31	9.04	9.04	0.55	61.05
3787	89.1	4.2	24	38	1.8348	5.59			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.62	
3507	89.1	4.2	24	38	2.0412	-5.11	13.68	18.70	17.92	9.04			14.31	9.04	9.04	0.57	67.92
3746	89.1	4.2	24	38	2.0412	5.96			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.66	
3454	89.1	4.2	24	38	2.1633	-5.40	13.23	18.70	17.92	9.04			14.31	9.04	9.04	0.60	71.98
3368	89.1	4.2	24	38	2.1633	2.71			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.30	
3576	89.1	4.2	24	38	2.2802	-4.30	12.78	18.70	17.92	9.04			14.31	9.04	9.04	0.48	75.87
3345	89.1	4.2	24	38	2.2802	3.41			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.38	
3340	89.1	4.2	24	38	2.4682	-2.14	12.05	18.70	17.92	9.04			14.31	9.04	9.04	0.24	82.13

CHECK OF BEAMS

CASE 1:D.L

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
1980	89.1	4.2	24	38	2.4682	5.55			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.61	
4097	89.1	4.2	24	38	2.6833	-4.57	11.20	18.70	17.92	9.04			14.31	9.04	9.04	0.51	89.28
1786	89.1	4.2	24	38	2.6833	5.94			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.66	
2070	89.1	4.2	24	38	2.8347	-2.92	10.58	18.70	17.92	9.04			14.31	9.04	9.04	0.32	94.32
1868	89.1	4.2	24	38	2.8347	1.83			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.20	
2076	89.1	4.2	24	38	2.9586	-5.31	10.08	18.70	17.92	9.04			14.31	9.04	9.04	0.59	98.44
3095	89.1	4.2	24	38	2.9586	5.14			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.57	
1954	89.1	4.2	24	38	3.0344	-2.40	9.77	18.70	17.92	9.04			14.31	9.04	9.04	0.27	100.97
581	89.1	4.2	24	38	3.0344	2.39			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.26	
2174	89.1	4.2	24	38	3.1936	-1.87	9.12	18.70	17.92	9.04			14.31	9.04	9.04	0.21	106.26
1695	89.1	4.2	24	38	3.1936	5.90			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.65	
583	89.1	4.2	24	38	3.2826	-3.97	8.76	18.70	17.92	9.04			14.31	8.76	8.76	0.45	109.23
3078	89.1	4.2	24	38	3.2826	6.31			17.92	9.04	10.48	11.62	15.83	9.04	9.04	0.70	
1799	89.1	4.2	24	38	3.4086	-4.31	8.24	18.70	17.92	9.04			14.31	8.24	8.24	0.52	113.42
3430	101.6	4.2	24	38	1.4565	-8.29	18.52	18.70	20.56	11.75			14.31	11.75	11.75	0.71	42.26
3179	101.6	4.2	24	38	1.4565	4.40			20.56	11.75	10.48	11.62	15.83	10.48	10.48	0.42	
3394	101.6	4.2	24	38	1.6029	-2.90	18.12	18.70	20.56	11.75			14.31	11.75	11.75	0.25	46.50
3381	101.6	4.2	24	38	1.6029	0.43			20.56	11.75	10.48	11.62	15.83	10.48	10.48	0.04	
3379	101.6	4.2	24	38	1.8657	-7.97	17.32	18.70	20.56	11.75			14.31	11.75	11.75	0.68	54.13
3392	101.6	4.2	24	38	1.8657	7.17			20.56	11.75	10.48	11.62	15.83	10.48	10.48	0.68	
3244	101.6	4.2	24	38	2.0657	-7.45	16.66	18.70	20.56	11.75			14.31	11.75	11.75	0.63	59.93
2974	101.6	4.2	24	38	2.2451	-4.78	16.04	18.70	20.56	11.75			14.31	11.75	11.75	0.41	65.14
1585	101.6	4.2	24	38	2.3734	-7.42	15.57	18.70	20.56	11.75			14.31	11.75	11.75	0.63	68.86
2946	101.6	4.2	24	38	2.3734	2.36			20.56	11.75	10.48	11.62	15.83	10.48	10.48	0.23	
270	101.6	4.2	24	38	2.5310	-5.46	14.99	18.70	20.56	11.75			14.31	11.75	11.75	0.46	73.43
3344	101.6	4.2	24	38	2.5310	7.42			20.56	11.75	10.48	11.62	15.83	10.48	10.48	0.71	

CHECK OF BEAMS

CASE 1:D.L

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
975	101.6	4.2	24	38	2.7395	-6.32	14.19	18.70	20.56	11.75			14.31	11.75	11.75	0.54	79.48
4102	101.6	4.2	24	38	2.7395	6.55			20.56	11.75	10.48	11.62	15.83	10.48	10.48	0.62	
222	101.6	4.2	24	38	2.8995	-3.91	13.56	18.70	20.56	11.75			14.31	11.75	11.75	0.33	84.12
4071	101.6	4.2	24	38	2.8995	3.83			20.56	11.75	10.48	11.62	15.83	10.48	10.48	0.37	
1897	101.6	4.2	24	38	3.1056	-7.97	12.73	18.70	20.56	11.75			14.31	11.75	11.75	0.68	90.10
449	101.6	4.2	24	38	3.1056	4.91			20.56	11.75	10.48	11.62	15.83	10.48	10.48	0.47	
679	101.6	4.2	24	38	3.2075	-2.90	12.32	18.70	20.56	11.75			14.31	11.75	11.75	0.25	93.06
870	101.6	4.2	24	38	3.2075	3.11			20.56	11.75	10.48	11.62	15.83	10.48	10.48	0.30	
1790	101.6	4.2	24	38	3.4718	-6.33	11.24	18.70	20.56	11.75			14.31	11.24	11.24	0.56	100.73
871	101.6	4.2	24	38	3.4718	0.64			20.56	11.75	10.48	11.62	15.83	10.48	10.48	0.06	
1246	101.6	4.2	24	38	3.5980	-3.38	10.73	18.70	20.56	11.75			14.31	10.73	10.73	0.32	104.39
103	101.6	4.2	24	38	3.5980	3.24			20.56	11.75	10.48	11.62	15.83	10.48	10.48	0.31	
1165	101.6	4.2	24	38	3.8380	-6.82	9.75	18.70	20.56	11.75			14.31	9.75	9.75	0.70	111.35
823	101.6	4.2	24	38	3.8380	2.09			20.56	11.75	10.48	11.62	15.83	10.48	10.48	0.20	
3172	114.3	4.5	27	41	1.4498	-8.88	22.89	21.97	24.84	14.31			16.84	14.31	14.31	0.62	37.32
1639	114.3	4.5	27	41	1.8144	-9.67	21.86	21.97	24.84	14.31			16.84	14.31	14.31	0.68	46.70
4107	114.3	4.5	27	41	1.8144	7.60			24.84	14.31	13.74	13.88	21.33	13.74	13.74	0.55	
2976	114.3	4.5	27	41	2.1316	-7.57	20.82	21.97	24.84	14.31			16.84	14.31	14.31	0.53	54.86
4065	114.3	4.5	27	41	2.4701	-10.11	19.60	21.97	24.84	14.31			16.84	14.31	14.31	0.71	63.58
1800	114.3	4.5	27	41	2.4701	9.75			24.84	14.31	13.74	13.88	21.33	13.74	13.74	0.71	
1879	114.3	4.5	27	41	2.6008	-8.82	19.10	21.97	24.84	14.31			16.84	14.31	14.31	0.62	66.94
1713	114.3	4.5	27	41	3.0122	-9.39	17.45	21.97	24.84	14.31			16.84	14.31	14.31	0.66	77.53
1783	114.3	4.5	27	41	3.0122	7.93			24.84	14.31	13.74	13.88	21.33	13.74	13.74	0.58	
1298	114.3	4.5	27	41	3.0870	-7.12	17.14	21.97	24.84	14.31			16.84	14.31	14.31	0.50	79.45
389	114.3	4.5	27	41	3.0870	8.14			24.84	14.31	13.74	13.88	21.33	13.74	13.74	0.59	
1507	114.3	4.5	27	41	3.3029	-10.29	16.23	21.97	24.84	14.31			16.84	14.31	14.31	0.72	85.01

CHECK OF BEAMS

CASE 1:D.L

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
3073	114.3	4.5	27	41	3.3029	9.51			24.84	14.31	13.74	13.88	21.33	13.74	13.74	0.69	
4077	114.3	4.5	27	41	4.2582	-5.09	12.07	21.97	24.84	14.31			16.84	12.07	12.07	0.42	109.60
824	114.3	4.5	27	41	4.2582	4.30			24.84	14.31	13.74	13.88	21.33	13.74	13.74	0.31	
3745	139.8	4.5	30	46	1.9400	-11.55	27.80	28.56	30.60	19.26			22.42	19.26	19.26	0.60	40.53
1062	139.8	4.5	30	46	1.9400	0.87			30.60	19.26	16.73	16.33	25.27	16.33	16.33	0.05	
1076	139.8	4.5	30	46	2.0921	-12.10	27.36	28.56	30.60	19.26			22.42	19.26	19.26	0.63	43.71
4063	139.8	4.5	30	46	2.4701	-11.06	26.19	28.56	30.60	19.26			22.42	19.26	19.26	0.57	51.61
1789	139.8	4.5	30	46	2.4701	10.35			30.60	19.26	16.73	16.33	25.27	16.33	16.33	0.63	
1249	139.8	4.5	30	46	3.2062	-12.39	23.53	28.56	30.60	19.26			22.42	19.26	19.26	0.64	66.99
54	139.8	4.5	30	46	3.9228	10.92			30.60	19.26	16.73	16.33	25.27	16.33	16.33	0.67	
794	139.8	4.5	30	46	4.2041	9.34			30.60	19.26	16.73	16.33	25.27	16.33	16.33	0.57	
771	139.8	4.5	30	46	4.4388	-10.76	18.40	28.56	30.60	19.26			22.42	18.40	18.40	0.58	92.74
4110	165.2	4.5	36	55	1.5015	-15.56	34.89	41.35	36.35	22.86			32.39	22.86	22.86	0.68	26.42
1642	165.2	4.5	36	55	1.7134	-15.20	34.46	41.35	36.35	22.86			32.39	22.86	22.86	0.67	30.15
1077	165.2	4.5	36	55	2.0072	-14.96	33.79	41.35	36.35	22.86			32.39	22.86	22.86	0.65	35.31
1687	165.2	4.5	36	55	2.9895	12.45			36.35	22.86	24.42	24.86	36.92	22.86	22.86	0.54	
445	165.2	4.5	36	55	3.2061	-15.78	30.17	41.35	36.35	22.86			32.39	22.86	22.86	0.69	56.41
1699	165.2	4.5	36	55	3.2061	14.87			36.35	22.86	24.42	24.86	36.92	22.86	22.86	0.65	
367	216.3	5.8	42	70	1.7259	-20.19	59.47	67.90	61.37	38.94			53.06	38.94	38.94	0.52	23.18
1685	216.3	5.8	42	70	2.9304	-21.47	56.05	67.90	61.37	38.94			53.06	38.94	38.94	0.55	39.36
1688	216.3	5.8	42	70	3.0497	-21.70	55.63	67.90	61.37	38.94			53.06	38.94	38.94	0.56	40.96
439	216.3	5.8	42	70	3.2061	-20.43	55.05	67.90	61.37	38.94			53.06	38.94	38.94	0.52	43.06
778	216.3	5.8	48	80	3.9694	23.01			61.37	36.11	42.66	48.79	59.65	36.11	36.11	0.64	
776	216.3	5.8	48	80	4.2040	24.60			61.37	36.11	42.66	48.79	59.65	36.11	36.11	0.68	
391	267.4	9.3	56	90	3.2062	-32.10	112.25	104.72	120.65	70.94			75.95	70.94	70.94	0.45	35.11
7	267.4	9.3	56	90	4.2890	41.02			120.65	70.94	59.02	65.04	92.74	59.02	59.02	0.69	
729	267.4	9.3	56	90	4.4878	29.90			120.65	70.94	59.02	65.04	92.74	59.02	59.02	0.51	

CHECK OF BEAMS

CASE 8:D.L+S.L 積雪時

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
3925	60.5	3.2	16	24	1.6690	-4.63	6.19	6.59	9.22	4.64			5.33	4.64	6.96	0.67	82.26
3922	60.5	3.2	16	24	1.6690	4.18			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.60	
3855	60.5	3.2	16	24	1.8207	-4.47	5.73	6.59	9.22	4.64			5.33	4.64	6.96	0.64	89.73
3924	60.5	3.2	16	24	1.8207	4.21			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.60	
3740	60.5	3.2	16	24	1.9318	-4.81	5.39	6.59	9.22	4.64			5.33	4.64	6.96	0.69	95.21
3834	60.5	3.2	16	24	1.9318	2.90			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.42	
3708	60.5	3.2	16	24	2.0203	-3.95	5.11	6.59	9.22	4.64			5.33	4.64	6.96	0.57	99.57
3739	60.5	3.2	16	24	2.0203	4.12			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.59	
3794	60.5	3.2	16	24	2.1437	-3.89	4.73	6.59	9.22	4.64			5.33	4.64	6.96	0.56	105.65
3669	60.5	3.2	16	24	2.1437	3.25			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.47	
3697	60.5	3.2	16	24	2.2208	-3.51	4.49	6.59	9.22	4.64			5.33	4.49	6.73	0.52	109.45
3596	60.5	3.2	16	24	2.2208	3.32			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.48	
3621	60.5	3.2	16	24	2.3643	-3.04	4.04	6.59	9.22	4.64			5.33	4.04	6.07	0.50	116.52
3999	76.3	3.2	20	30	1.1486	-3.23	10.48	10.88	11.76	6.12			8.70	6.12	9.17	0.35	44.40
3987	76.3	3.2	20	30	1.1486	2.99			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.33	
3945	76.3	3.2	20	30	1.5403	-5.57	9.55	10.88	11.76	6.12			8.70	6.12	9.17	0.61	59.54
3961	76.3	3.2	20	30	1.5403	0.27			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.03	
3820	76.3	3.2	20	30	1.7712	-6.17	8.93	10.88	11.76	6.12			8.70	6.12	9.17	0.67	68.47
3830	76.3	3.2	20	30	1.7712	5.94			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.65	
4043	76.3	3.2	20	30	1.8979	-5.03	8.57	10.88	11.76	6.12			8.70	6.12	9.17	0.55	73.36
3819	76.3	3.2	20	30	1.8979	5.23			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.57	
4111	76.3	3.2	20	30	2.0504	-2.68	8.13	10.88	11.76	6.12			8.70	6.12	9.17	0.29	79.26
3631	76.3	3.2	20	30	2.0504	5.47			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.60	
4036	76.3	3.2	20	30	2.1897	-5.65	7.71	10.88	11.76	6.12			8.70	6.12	9.17	0.62	84.64
4050	76.3	3.2	20	30	2.1897	5.61			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.61	
2388	76.3	3.2	20	30	2.3157	-1.79	7.33	10.88	11.76	6.12			8.70	6.12	9.17	0.20	89.51

CHECK OF BEAMS

CASE 8:D.L+S.L

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
2860	76.3	3.2	20	30	2.3157	2.89			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.32	
2815	76.3	3.2	20	30	2.4769	-2.34	6.83	10.88	11.76	6.12			8.70	6.12	9.17	0.26	95.75
1969	76.3	3.2	20	30	2.4769	5.48			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.60	
2635	76.3	3.2	20	30	2.5833	-1.99	6.50	10.88	11.76	6.12			8.70	6.12	9.17	0.22	99.86
1978	76.3	3.2	20	30	2.5833	4.39			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.48	
2266	76.3	3.2	20	30	2.7360	-2.86	6.02	10.88	11.76	6.12			8.70	6.02	9.03	0.32	105.76
2066	76.3	3.2	20	30	2.7360	1.26			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.14	
2269	76.3	3.2	20	30	2.8075	-2.94	5.80	10.88	11.76	6.12			8.70	5.80	8.70	0.34	108.53
1881	76.3	3.2	20	30	2.8075	3.78			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.41	
2089	76.3	3.2	20	30	2.9305	-5.61	5.42	10.88	11.76	6.12			8.70	5.42	8.13	0.69	113.28
1999	76.3	3.2	20	30	2.9305	1.25			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.14	
1875	76.3	3.2	20	30	3.0593	-4.21	5.02	10.88	11.76	6.12			8.70	5.02	7.53	0.56	118.26
1984	76.3	3.2	20	30	3.0593	0.36			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.04	
3986	89.1	4.2	24	38	1.4566	-7.16	15.62	18.70	17.92	9.04			14.31	9.04	13.56	0.53	48.47
3959	89.1	4.2	24	38	1.4566	8.54			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.63	
3560	89.1	4.2	24	38	1.7038	-7.11	14.85	18.70	17.92	9.04			14.31	9.04	13.56	0.52	56.69
3049	89.1	4.2	24	38	1.7038	4.61			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.34	
3822	89.1	4.2	24	38	1.8348	-7.47	14.41	18.70	17.92	9.04			14.31	9.04	13.56	0.55	61.05
3787	89.1	4.2	24	38	1.8348	8.41			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.62	
3507	89.1	4.2	24	38	2.0412	-7.47	13.68	18.70	17.92	9.04			14.31	9.04	13.56	0.55	67.92
3746	89.1	4.2	24	38	2.0412	8.93			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.66	
3451	89.1	4.2	24	38	2.1633	-8.15	13.23	18.70	17.92	9.04			14.31	9.04	13.56	0.60	71.98
3368	89.1	4.2	24	38	2.1633	4.12			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.30	
3576	89.1	4.2	24	38	2.2802	-6.35	12.78	18.70	17.92	9.04			14.31	9.04	13.56	0.47	75.87
3345	89.1	4.2	24	38	2.2802	5.13			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.38	
3351	89.1	4.2	24	38	2.4682	-3.22	12.05	18.70	17.92	9.04			14.31	9.04	13.56	0.24	82.13

CHECK OF BEAMS

CASE 8:D.L+S.L

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
1980	89.1	4.2	24	38	2.4682	8.45			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.62	
4097	89.1	4.2	24	38	2.6833	-6.61	11.20	18.70	17.92	9.04			14.31	9.04	13.56	0.49	89.28
1786	89.1	4.2	24	38	2.6833	8.65			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.64	
2070	89.1	4.2	24	38	2.8347	-4.57	10.58	18.70	17.92	9.04			14.31	9.04	13.56	0.34	94.32
1868	89.1	4.2	24	38	2.8347	2.88			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.21	
2076	89.1	4.2	24	38	2.9586	-8.08	10.08	18.70	17.92	9.04			14.31	9.04	13.56	0.60	98.44
3095	89.1	4.2	24	38	2.9586	7.75			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.57	
1954	89.1	4.2	24	38	3.0344	-3.63	9.77	18.70	17.92	9.04			14.31	9.04	13.56	0.27	100.97
581	89.1	4.2	24	38	3.0344	3.47			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.26	
1785	89.1	4.2	24	38	3.1936	-2.91	9.12	18.70	17.92	9.04			14.31	9.04	13.56	0.21	106.26
1702	89.1	4.2	24	38	3.1936	8.20			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.60	
583	89.1	4.2	24	38	3.2826	-6.18	8.76	18.70	17.92	9.04			14.31	8.76	13.13	0.47	109.23
3078	89.1	4.2	24	38	3.2826	9.49			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.70	
1799	89.1	4.2	24	38	3.4086	-6.51	8.24	18.70	17.92	9.04			14.31	8.24	12.36	0.53	113.42
3403	101.6	4.2	24	38	1.4565	-12.39	18.52	18.70	20.56	11.75			14.31	11.75	17.63	0.70	42.26
3179	101.6	4.2	24	38	1.4565	6.52			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.41	
3389	101.6	4.2	24	38	1.6029	-4.25	18.12	18.70	20.56	11.75			14.31	11.75	17.63	0.24	46.50
3381	101.6	4.2	24	38	1.6029	0.63			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.04	
3379	101.6	4.2	24	38	1.8657	-12.06	17.32	18.70	20.56	11.75			14.31	11.75	17.63	0.68	54.13
3391	101.6	4.2	24	38	1.8657	10.82			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.69	
3244	101.6	4.2	24	38	2.0657	-11.19	16.66	18.70	20.56	11.75			14.31	11.75	17.63	0.63	59.93
3003	101.6	4.2	24	38	2.2451	-7.34	16.04	18.70	20.56	11.75			14.31	11.75	17.63	0.42	65.14
1608	101.6	4.2	24	38	2.3734	-11.43	15.57	18.70	20.56	11.75			14.31	11.75	17.63	0.65	68.86
2935	101.6	4.2	24	38	2.3734	3.63			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.23	
270	101.6	4.2	24	38	2.5310	-8.40	14.99	18.70	20.56	11.75			14.31	11.75	17.63	0.48	73.43
3344	101.6	4.2	24	38	2.5310	11.21			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.71	

CHECK OF BEAMS

CASE 8:D.L+S.L

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
975	101.6	4.2	24	38	2.7395	-9.74	14.19	18.70	20.56	11.75			14.31	11.75	17.63	0.55	79.48
4099	101.6	4.2	24	38	2.7395	9.94			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.63	
222	101.6	4.2	24	38	2.8995	-6.01	13.56	18.70	20.56	11.75			14.31	11.75	17.63	0.34	84.12
4071	101.6	4.2	24	38	2.8995	6.12			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.39	
1897	101.6	4.2	24	38	3.1056	-12.34	12.73	18.70	20.56	11.75			14.31	11.75	17.63	0.70	90.10
449	101.6	4.2	24	38	3.1056	7.60			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.48	
679	101.6	4.2	24	38	3.2075	-4.55	12.32	18.70	20.56	11.75			14.31	11.75	17.63	0.26	93.06
870	101.6	4.2	24	38	3.2075	4.85			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.31	
1790	101.6	4.2	24	38	3.4718	-9.96	11.24	18.70	20.56	11.75			14.31	11.24	16.86	0.59	100.73
871	101.6	4.2	24	38	3.4718	1.20			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.08	
1246	101.6	4.2	24	38	3.5980	-5.34	10.73	18.70	20.56	11.75			14.31	10.73	16.09	0.33	104.39
852	101.6	4.2	24	38	3.5980	4.93			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.31	
1165	101.6	4.2	24	38	3.8380	-10.67	9.75	18.70	20.56	11.75			14.31	9.75	14.62	0.73	111.35
823	101.6	4.2	24	38	3.8380	3.57			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.23	
3169	114.3	4.5	27	41	1.4498	-13.29	22.89	21.97	24.84	14.31			16.84	14.31	21.46	0.62	37.32
1639	114.3	4.5	27	41	1.8144	-14.10	21.86	21.97	24.84	14.31			16.84	14.31	21.46	0.66	46.70
4107	114.3	4.5	27	41	1.8144	11.39			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.55	
2976	114.3	4.5	27	41	2.1316	-11.62	20.82	21.97	24.84	14.31			16.84	14.31	21.46	0.54	54.86
4065	114.3	4.5	27	41	2.4701	-14.59	19.60	21.97	24.84	14.31			16.84	14.31	21.46	0.68	63.58
1800	114.3	4.5	27	41	2.4701	14.88			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.72	
1879	114.3	4.5	27	41	2.6008	-12.66	19.10	21.97	24.84	14.31			16.84	14.31	21.46	0.59	66.94
1713	114.3	4.5	27	41	3.0122	-14.16	17.45	21.97	24.84	14.31			16.84	14.31	21.46	0.66	77.53
1783	114.3	4.5	27	41	3.0122	11.36			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.55	
1334	114.3	4.5	27	41	3.0870	-10.90	17.14	21.97	24.84	14.31			16.84	14.31	21.46	0.51	79.45
389	114.3	4.5	27	41	3.0870	11.64			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.56	
1507	114.3	4.5	27	41	3.3029	-15.87	16.23	21.97	24.84	14.31			16.84	14.31	21.46	0.74	85.01

CHECK OF BEAMS

CASE 8:D.L+S.L

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
3073	114.3	4.5	27	41	3.3029	14.25			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.69	
4074	114.3	4.5	27	41	4.2582	-7.84	12.07	21.97	24.84	14.31			16.84	12.07	18.10	0.43	109.60
824	114.3	4.5	27	41	4.2582	6.74			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.33	
3745	139.8	4.5	30	46	1.9400	-17.42	27.80	28.56	30.60	19.26			22.42	19.26	28.89	0.60	40.53
1062	139.8	4.5	30	46	1.9400	1.41			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.06	
1076	139.8	4.5	30	46	2.0921	-18.60	27.36	28.56	30.60	19.26			22.42	19.26	28.89	0.64	43.71
4063	139.8	4.5	30	46	2.4701	-16.41	26.19	28.56	30.60	19.26			22.42	19.26	28.89	0.57	51.61
1789	139.8	4.5	30	46	2.4701	15.50			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.63	
1249	139.8	4.5	30	46	3.2062	-19.03	23.53	28.56	30.60	19.26			22.42	19.26	28.89	0.66	66.99
54	139.8	4.5	30	46	3.9228	16.50			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.67	
794	139.8	4.5	30	46	4.2041	14.22			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.58	
771	139.8	4.5	30	46	4.4388	-15.65	18.40	28.56	30.60	19.26			22.42	18.40	27.60	0.57	92.74
4110	165.2	4.5	36	55	1.5015	-23.59	34.89	41.35	36.35	22.86			32.39	22.86	34.29	0.69	26.42
1642	165.2	4.5	36	55	1.7134	-22.64	34.46	41.35	36.35	22.86			32.39	22.86	34.29	0.66	30.15
1095	165.2	4.5	36	55	2.0072	-22.89	33.79	41.35	36.35	22.86			32.39	22.86	34.29	0.67	35.31
1687	165.2	4.5	36	55	2.9895	18.63			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.54	
445	165.2	4.5	36	55	3.2061	-24.08	30.17	41.35	36.35	22.86			32.39	22.86	34.29	0.70	56.41
1699	165.2	4.5	36	55	3.2061	22.05			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.64	
367	216.3	5.8	42	70	1.7259	-31.00	59.47	67.90	61.37	38.94			53.06	38.94	58.40	0.53	23.18
1685	216.3	5.8	42	70	2.9304	-31.25	56.05	67.90	61.37	38.94			53.06	38.94	58.40	0.54	39.36
1688	216.3	5.8	42	70	3.0497	-31.08	55.63	67.90	61.37	38.94			53.06	38.94	58.40	0.53	40.96
439	216.3	5.8	42	70	3.2061	-31.50	55.05	67.90	61.37	38.94			53.06	38.94	58.40	0.54	43.06
778	216.3	5.8	48	80	3.9694	34.46			61.37	36.11	42.66	48.79	59.65	36.11	54.16	0.64	
776	216.3	5.8	48	80	4.2040	36.01			61.37	36.11	42.66	48.79	59.65	36.11	54.16	0.66	
391	267.4	9.3	56	90	3.2062	-48.81	112.25	104.72	120.65	70.94			75.95	70.94	106.41	0.46	35.11
7	267.4	9.3	56	90	4.2890	60.98			120.65	70.94	59.02	65.04	92.74	59.02	88.54	0.69	
729	267.4	9.3	56	90	4.4878	45.53			120.65	70.94	59.02	65.04	92.74	59.02	88.54	0.51	

CHECK OF BEAMS

CASE 9:D.L+W.LX 梁端時

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
3925	60.5	3.2	16	24	1.6690	-5.34	6.19	6.59	9.22	4.64			5.33	4.64	6.96	0.77	82.26
3698	60.5	3.2	16	24	1.6690	3.16			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.45	
3876	60.5	3.2	16	24	1.8207	-4.57	5.73	6.59	9.22	4.64			5.33	4.64	6.96	0.66	89.73
3926	60.5	3.2	16	24	1.8207	5.28			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.76	
3743	60.5	3.2	16	24	1.9318	-4.52	5.39	6.59	9.22	4.64			5.33	4.64	6.96	0.65	95.21
3789	60.5	3.2	16	24	1.9318	4.73			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.68	
3708	60.5	3.2	16	24	2.0203	-4.52	5.11	6.59	9.22	4.64			5.33	4.64	6.96	0.65	99.57
4047	60.5	3.2	16	24	2.0203	3.77			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.54	
3660	60.5	3.2	16	24	2.1437	-2.41	4.73	6.59	9.22	4.64			5.33	4.64	6.96	0.35	105.65
3791	60.5	3.2	16	24	2.1437	4.53			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.65	
3706	60.5	3.2	16	24	2.2208	-3.80	4.49	6.59	9.22	4.64			5.33	4.49	6.73	0.56	109.45
4051	60.5	3.2	16	24	2.2208	2.69			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.39	
3621	60.5	3.2	16	24	2.3643	-1.74	4.04	6.59	9.22	4.64			5.33	4.04	6.07	0.29	116.52
3635	60.5	3.2	16	24	2.3643	0.45			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.06	
4006	76.3	3.2	20	30	1.1486	-5.60	10.48	10.88	11.76	6.12			8.70	6.12	9.17	0.61	44.40
3995	76.3	3.2	20	30	1.1486	2.24			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.24	
3880	76.3	3.2	20	30	1.5403	-6.97	9.55	10.88	11.76	6.12			8.70	6.12	9.17	0.76	59.54
3973	76.3	3.2	20	30	1.5403	7.52			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.82	
3974	76.3	3.2	20	30	1.7712	-7.26	8.93	10.88	11.76	6.12			8.70	6.12	9.17	0.79	68.47
3877	76.3	3.2	20	30	1.7712	6.67			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.73	
3545	76.3	3.2	20	30	1.8979	-5.08	8.57	10.88	11.76	6.12			8.70	6.12	9.17	0.55	73.36
3832	76.3	3.2	20	30	1.8979	3.81			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.42	
4111	76.3	3.2	20	30	2.0504	-4.67	8.13	10.88	11.76	6.12			8.70	6.12	9.17	0.51	79.26
3879	76.3	3.2	20	30	2.0504	7.13			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.78	
2797	76.3	3.2	20	30	2.1897	-6.47	7.71	10.88	11.76	6.12			8.70	6.12	9.17	0.71	84.64
4045	76.3	3.2	20	30	2.1897	3.83			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.42	

CHECK OF BEAMS

CASE 9:D.L+W.LX

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
2882	76.3	3.2	20	30	2.3157	-6.90	7.33	10.88	11.76	6.12			8.70	6.12	9.17	0.75	89.51
2794	76.3	3.2	20	30	2.3157	5.77			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.63	
2886	76.3	3.2	20	30	2.4769	-6.12	6.83	10.88	11.76	6.12			8.70	6.12	9.17	0.67	95.75
2883	76.3	3.2	20	30	2.4769	6.38			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.70	
2698	76.3	3.2	20	30	2.5833	-5.85	6.50	10.88	11.76	6.12			8.70	6.12	9.17	0.64	99.86
1983	76.3	3.2	20	30	2.5833	6.15			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.67	
2302	76.3	3.2	20	30	2.7360	-5.81	6.02	10.88	11.76	6.12			8.70	6.02	9.03	0.64	105.76
2123	76.3	3.2	20	30	2.7360	5.65			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.62	
2409	76.3	3.2	20	30	2.8075	-5.83	5.80	10.88	11.76	6.12			8.70	5.80	8.70	0.67	108.53
2072	76.3	3.2	20	30	2.8075	6.89			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.75	
2112	76.3	3.2	20	30	2.9305	-6.62	5.42	10.88	11.76	6.12			8.70	5.42	8.13	0.81	113.28
1927	76.3	3.2	20	30	2.9305	4.94			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.54	
1984	76.3	3.2	20	30	3.0593	-5.75	5.02	10.88	11.76	6.12			8.70	5.02	7.53	0.76	118.26
1977	76.3	3.2	20	30	3.0593	6.21			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.68	
3935	89.1	4.2	24	38	1.4566	-8.70	15.62	18.70	17.92	9.04			14.31	9.04	13.56	0.64	48.47
3185	89.1	4.2	24	38	1.4566	10.52			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.78	
3061	89.1	4.2	24	38	1.7038	-6.73	14.85	18.70	17.92	9.04			14.31	9.04	13.56	0.50	56.69
3037	89.1	4.2	24	38	1.7038	8.00			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.59	
3972	89.1	4.2	24	38	1.8348	-9.28	14.41	18.70	17.92	9.04			14.31	9.04	13.56	0.68	61.05
3957	89.1	4.2	24	38	1.8348	8.97			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.66	
3358	89.1	4.2	24	38	2.0412	-6.51	13.68	18.70	17.92	9.04			14.31	9.04	13.56	0.48	67.92
4031	89.1	4.2	24	38	2.0412	7.83			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.58	
4014	89.1	4.2	24	38	2.1633	-10.55	13.23	18.70	17.92	9.04			14.31	9.04	13.56	0.78	71.98
4103	89.1	4.2	24	38	2.1633	8.65			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.64	
3337	89.1	4.2	24	38	2.2802	-4.67	12.78	18.70	17.92	9.04			14.31	9.04	13.56	0.34	75.87
3134	89.1	4.2	24	38	2.2802	4.44			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.33	

CHECK OF BEAMS

CASE 9:D.L+W.LX

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
4076	89.1	4.2	24	38	2.4682	-5.29	12.05	18.70	17.92	9.04			14.31	9.04	13.56	0.39	82.13
4078	89.1	4.2	24	38	2.4682	6.99			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.52	
2075	89.1	4.2	24	38	2.6833	-7.38	11.20	18.70	17.92	9.04			14.31	9.04	13.56	0.54	89.28
2078	89.1	4.2	24	38	2.6833	9.14			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.67	
2079	89.1	4.2	24	38	2.8347	-9.27	10.58	18.70	17.92	9.04			14.31	9.04	13.56	0.68	94.32
3325	89.1	4.2	24	38	2.8347	7.96			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.59	
2077	89.1	4.2	24	38	2.9586	-8.22	10.08	18.70	17.92	9.04			14.31	9.04	13.56	0.61	98.44
1987	89.1	4.2	24	38	2.9586	10.41			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.77	
2411	89.1	4.2	24	38	3.0344	-7.53	9.77	18.70	17.92	9.04			14.31	9.04	13.56	0.56	100.97
1818	89.1	4.2	24	38	3.0344	6.38			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.47	
2219	89.1	4.2	24	38	3.1936	-7.80	9.12	18.70	17.92	9.04			14.31	9.04	13.56	0.58	106.26
1702	89.1	4.2	24	38	3.1936	10.60			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.78	
1982	89.1	4.2	24	38	3.2826	-8.36	8.76	18.70	17.92	9.04			14.31	8.76	13.13	0.64	109.23
1880	89.1	4.2	24	38	3.2826	6.67			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.49	
1835	89.1	4.2	24	38	3.4086	-7.81	8.24	18.70	17.92	9.04			14.31	8.24	12.36	0.63	113.42
1814	89.1	4.2	24	38	3.4086	3.74			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.28	
3194	101.6	4.2	24	38	1.4565	-14.89	18.52	18.70	20.56	11.75			14.31	11.75	17.63	0.84	42.26
3187	101.6	4.2	24	38	1.4565	12.25			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.78	
3394	101.6	4.2	24	38	1.6029	-11.10	18.12	18.70	20.56	11.75			14.31	11.75	17.63	0.63	46.50
3398	101.6	4.2	24	38	1.6029	5.69			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.36	
3382	101.6	4.2	24	38	1.8657	-12.91	17.32	18.70	20.56	11.75			14.31	11.75	17.63	0.73	54.13
3390	101.6	4.2	24	38	1.8657	7.87			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.50	
3245	101.6	4.2	24	38	2.0657	-8.47	16.66	18.70	20.56	11.75			14.31	11.75	17.63	0.48	59.93
1026	101.6	4.2	24	38	2.2451	-7.11	16.04	18.70	20.56	11.75			14.31	11.75	17.63	0.40	65.14
3015	101.6	4.2	24	38	2.2451	7.08			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.45	
1585	101.6	4.2	24	38	2.3734	-12.63	15.57	18.70	20.56	11.75			14.31	11.75	17.63	0.72	68.86

CHECK OF BEAMS

CASE 9:D.L+W.LX

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
1055	101.6	4.2	24	38	2.3734	4.51			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.29	
3016	101.6	4.2	24	38	2.5310	-7.74	14.99	18.70	20.56	11.75			14.31	11.75	17.63	0.44	73.43
3344	101.6	4.2	24	38	2.5310	9.41			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.60	
975	101.6	4.2	24	38	2.7395	-9.79	14.19	18.70	20.56	11.75			14.31	11.75	17.63	0.56	79.48
2954	101.6	4.2	24	38	2.7395	8.43			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.54	
930	101.6	4.2	24	38	2.8995	-4.50	13.56	18.70	20.56	11.75			14.31	11.75	17.63	0.26	84.12
1586	101.6	4.2	24	38	2.8995	7.53			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.48	
1885	101.6	4.2	24	38	3.1056	-13.81	12.73	18.70	20.56	11.75			14.31	11.75	17.63	0.78	90.10
497	101.6	4.2	24	38	3.1056	6.65			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.42	
673	101.6	4.2	24	38	3.2075	-7.00	12.32	18.70	20.56	11.75			14.31	11.75	17.63	0.40	93.06
685	101.6	4.2	24	38	3.2075	7.49			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.48	
1790	101.6	4.2	24	38	3.4718	-7.66	11.24	18.70	20.56	11.75			14.31	11.24	16.86	0.45	100.73
910	101.6	4.2	24	38	3.4718	4.08			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.26	
1210	101.6	4.2	24	38	3.5980	-4.36	10.73	18.70	20.56	11.75			14.31	10.73	16.09	0.27	104.39
104	101.6	4.2	24	38	3.5980	4.75			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.30	
4079	101.6	4.2	24	38	3.8380	-9.02	9.75	18.70	20.56	11.75			14.31	9.75	14.62	0.62	111.35
847	101.6	4.2	24	38	3.8380	4.08			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.26	
3181	114.3	4.5	27	41	1.4498	-17.06	22.89	21.97	24.84	14.31			16.84	14.31	21.46	0.79	37.32
3186	114.3	4.5	27	41	1.4498	16.52			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.80	
3383	114.3	4.5	27	41	1.8144	-16.19	21.86	21.97	24.84	14.31			16.84	14.31	21.46	0.75	46.70
4107	114.3	4.5	27	41	1.8144	9.12			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.44	
2964	114.3	4.5	27	41	2.1316	-8.96	20.82	21.97	24.84	14.31			16.84	14.31	21.46	0.42	54.86
3000	114.3	4.5	27	41	2.1316	10.44			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.51	
4064	114.3	4.5	27	41	2.4701	-9.69	19.60	21.97	24.84	14.31			16.84	14.31	21.46	0.45	63.58
1824	114.3	4.5	27	41	2.4701	9.01			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.44	
1879	114.3	4.5	27	41	2.6008	-9.57	19.10	21.97	24.84	14.31			16.84	14.31	21.46	0.45	66.94

CHECK OF BEAMS

CASE 9:D.L+W.LX

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
1720	114.3	4.5	27	41	3.0122	-15.55	17.45	21.97	24.84	14.31			16.84	14.31	21.46	0.72	77.53
1783	114.3	4.5	27	41	3.0122	9.13			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.44	
1724	114.3	4.5	27	41	3.0870	-12.14	17.14	21.97	24.84	14.31			16.84	14.31	21.46	0.57	79.45
443	114.3	4.5	27	41	3.0870	7.61			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.37	
1506	114.3	4.5	27	41	3.3029	-9.53	16.23	21.97	24.84	14.31			16.84	14.31	21.46	0.44	85.01
1795	114.3	4.5	27	41	3.3029	13.71			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.67	
4074	114.3	4.5	27	41	4.2582	-3.96	12.07	21.97	24.84	14.31			16.84	12.07	18.10	0.22	109.60
820	114.3	4.5	27	41	4.2582	2.39			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.12	
3742	139.8	4.5	30	46	1.9400	-9.00	27.80	28.56	30.60	19.26			22.42	19.26	28.89	0.31	40.53
1104	139.8	4.5	30	46	1.9400	5.55			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.23	
1072	139.8	4.5	30	46	2.0921	-17.26	27.36	28.56	30.60	19.26			22.42	19.26	28.89	0.60	43.71
325	139.8	4.5	30	46	2.0921	6.66			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.27	
4063	139.8	4.5	30	46	2.4701	-18.05	26.19	28.56	30.60	19.26			22.42	19.26	28.89	0.62	51.61
1789	139.8	4.5	30	46	2.4701	11.91			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.49	
1693	139.8	4.5	30	46	3.2062	-18.10	23.53	28.56	30.60	19.26			22.42	19.26	28.89	0.63	66.99
1729	139.8	4.5	30	46	3.2062	5.08			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.21	
786	139.8	4.5	30	46	3.9228	-5.82	20.61	28.56	30.60	19.26			22.42	19.26	28.89	0.20	81.96
798	139.8	4.5	30	46	3.9228	9.31			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.38	
785	139.8	4.5	30	46	4.2041	-6.39	19.42	28.56	30.60	19.26			22.42	19.26	28.89	0.22	87.84
797	139.8	4.5	30	46	4.2041	6.66			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.27	
777	139.8	4.5	30	46	4.4388	-18.09	18.40	28.56	30.60	19.26			22.42	18.40	27.60	0.66	92.74
771	139.8	4.5	30	46	4.4388	2.62			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.11	
4110	165.2	4.5	36	55	1.5015	-13.32	34.89	41.35	36.35	22.86			32.39	22.86	34.29	0.39	26.42
1642	165.2	4.5	36	55	1.7134	-16.80	34.46	41.35	36.35	22.86			32.39	22.86	34.29	0.49	30.15
1071	165.2	4.5	36	55	2.0072	-21.09	33.79	41.35	36.35	22.86			32.39	22.86	34.29	0.62	35.31
1101	165.2	4.5	36	55	2.0072	6.24			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.18	

CHECK OF BEAMS

CASE 9:D.L+W.LX

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
1687	165.2	4.5	36	55	2.9895	-4.62	30.91	41.35	36.35	22.86			32.39	22.86	34.29	0.13	52.60
1698	165.2	4.5	36	55	2.9895	18.98			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.55	
1458	165.2	4.5	36	55	3.2061	-12.39	30.17	41.35	36.35	22.86			32.39	22.86	34.29	0.36	56.41
1699	165.2	4.5	36	55	3.2061	10.91			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.32	
1126	216.3	5.8	42	70	1.7259	-20.83	59.47	67.90	61.37	38.94			53.06	38.94	58.40	0.36	23.18
373	216.3	5.8	42	70	1.7259	13.37			61.37	38.94	32.39	35.33	46.08	32.39	48.59	0.28	
1689	216.3	5.8	42	70	2.9304	-22.48	56.05	67.90	61.37	38.94			53.06	38.94	58.40	0.38	39.36
1684	216.3	5.8	42	70	2.9304	3.97			61.37	38.94	32.39	35.33	46.08	32.39	48.59	0.08	
1697	216.3	5.8	42	70	3.0497	-29.18	55.63	67.90	61.37	38.94			53.06	38.94	58.40	0.50	40.96
1688	216.3	5.8	42	70	3.0497	0.63			61.37	38.94	32.39	35.33	46.08	32.39	48.59	0.01	
1351	216.3	5.8	42	70	3.2061	-15.63	55.05	67.90	61.37	38.94			53.06	38.94	58.40	0.27	43.06
778	216.3	5.8	48	80	3.9694	19.36			61.37	36.11	42.66	48.79	59.65	36.11	54.16	0.36	
776	216.3	5.8	48	80	4.2040	18.03			61.37	36.11	42.66	48.79	59.65	36.11	54.16	0.33	
391	267.4	9.3	56	90	3.2062	-17.98	112.25	104.72	120.65	70.94			75.95	70.94	106.41	0.17	35.11
7	267.4	9.3	56	90	4.2890	-7.74	106.03	104.72	120.65	70.94			75.95	70.94	106.41	0.07	46.97
6	267.4	9.3	56	90	4.2890	54.49			120.65	70.94	59.02	65.04	92.74	59.02	88.54	0.62	
724	267.4	9.3	56	90	4.4878	22.72			120.65	70.94	59.02	65.04	92.74	59.02	88.54	0.26	

CHECK OF BEAMS

CASE 10:D.L+W.LY 梁風時

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
4085	60.5	3.2	16	24	1.6690	-1.66	6.19	6.59	9.22	4.64			5.33	4.64	6.96	0.24	82.26
3866	60.5	3.2	16	24	1.6690	1.24			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.18	
3912	60.5	3.2	16	24	1.8207	-0.73	5.73	6.59	9.22	4.64			5.33	4.64	6.96	0.10	89.73
3910	60.5	3.2	16	24	1.8207	0.80			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.11	
3824	60.5	3.2	16	24	1.9318	-1.04	5.39	6.59	9.22	4.64			5.33	4.64	6.96	0.15	95.21
3779	60.5	3.2	16	24	1.9318	0.89			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.13	
4041	60.5	3.2	16	24	2.0203	-0.84	5.11	6.59	9.22	4.64			5.33	4.64	6.96	0.12	99.57
3703	60.5	3.2	16	24	2.0203	1.20			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.17	
3666	60.5	3.2	16	24	2.1437	-1.81	4.73	6.59	9.22	4.64			5.33	4.64	6.96	0.26	105.65
4094	60.5	3.2	16	24	2.1437	0.63			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.09	
4051	60.5	3.2	16	24	2.2208	-0.89	4.49	6.59	9.22	4.64			5.33	4.49	6.73	0.13	109.45
3705	60.5	3.2	16	24	2.2208	2.00			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.29	
3638	60.5	3.2	16	24	2.3643	-0.27	4.04	6.59	9.22	4.64			5.33	4.04	6.07	0.04	116.52
3624	60.5	3.2	16	24	2.3643	0.24			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.03	
3987	76.3	3.2	20	30	1.1486	-2.04	10.48	10.88	11.76	6.12			8.70	6.12	9.17	0.22	44.40
3997	76.3	3.2	20	30	1.1486	2.19			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.24	
3956	76.3	3.2	20	30	1.5403	2.05			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.22	
3955	76.3	3.2	20	30	1.7712	-1.80	8.93	10.88	11.76	6.12			8.70	6.12	9.17	0.20	68.47
3541	76.3	3.2	20	30	1.7712	0.86			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.09	
4096	76.3	3.2	20	30	1.8979	-1.50	8.57	10.88	11.76	6.12			8.70	6.12	9.17	0.16	73.36
3548	76.3	3.2	20	30	1.8979	1.19			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.13	
4111	76.3	3.2	20	30	2.0504	-1.94	8.13	10.88	11.76	6.12			8.70	6.12	9.17	0.21	79.26
4101	76.3	3.2	20	30	2.0504	1.58			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.17	
2821	76.3	3.2	20	30	2.1897	-6.49	7.71	10.88	11.76	6.12			8.70	6.12	9.17	0.71	84.64
2832	76.3	3.2	20	30	2.1897	3.41			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.37	
2867	76.3	3.2	20	30	2.3157	-6.94	7.33	10.88	11.76	6.12			8.70	6.12	9.17	0.76	89.51

CHECK OF BEAMS

CASE 10:D.L+W.LY

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
2818	76.3	3.2	20	30	2.3157	5.79			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.63	
2910	76.3	3.2	20	30	2.4769	-6.16	6.83	10.88	11.76	6.12			8.70	6.12	9.17	0.67	95.75
2866	76.3	3.2	20	30	2.4769	6.44			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.70	
2722	76.3	3.2	20	30	2.5833	-5.86	6.50	10.88	11.76	6.12			8.70	6.12	9.17	0.64	99.86
2294	76.3	3.2	20	30	2.5833	5.85			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.64	
2625	76.3	3.2	20	30	2.7360	-5.85	6.02	10.88	11.76	6.12			8.70	6.02	9.03	0.65	105.76
2147	76.3	3.2	20	30	2.7360	5.70			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.62	
2433	76.3	3.2	20	30	2.8075	-5.88	5.80	10.88	11.76	6.12			8.70	5.80	8.70	0.68	108.53
1955	76.3	3.2	20	30	2.8075	6.06			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.66	
2136	76.3	3.2	20	30	2.9305	-6.61	5.42	10.88	11.76	6.12			8.70	5.42	8.13	0.81	113.28
1902	76.3	3.2	20	30	2.9305	5.07			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.55	
1996	76.3	3.2	20	30	3.0593	-5.73	5.02	10.88	11.76	6.12			8.70	5.02	7.53	0.76	118.26
1906	76.3	3.2	20	30	3.0593	4.33			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.47	
3183	89.1	4.2	24	38	1.4566	3.75			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.28	
3025	89.1	4.2	24	38	1.7038	-6.71	14.85	18.70	17.92	9.04			14.31	9.04	13.56	0.49	56.69
3049	89.1	4.2	24	38	1.7038	7.94			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.59	
3957	89.1	4.2	24	38	1.8348	-2.77	14.41	18.70	17.92	9.04			14.31	9.04	13.56	0.20	61.05
3159	89.1	4.2	24	38	1.8348	1.82			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.13	
3741	89.1	4.2	24	38	2.0412	-1.82	13.68	18.70	17.92	9.04			14.31	9.04	13.56	0.13	67.92
3283	89.1	4.2	24	38	2.0412	3.01			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.22	
4055	89.1	4.2	24	38	2.1633	-3.74	13.23	18.70	17.92	9.04			14.31	9.04	13.56	0.28	71.98
4103	89.1	4.2	24	38	2.1633	4.84			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.36	
3345	89.1	4.2	24	38	2.2802	-1.14	12.78	18.70	17.92	9.04			14.31	9.04	13.56	0.08	75.87
3137	89.1	4.2	24	38	2.2802	1.06			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.08	
4088	89.1	4.2	24	38	2.4682	-1.43	12.05	18.70	17.92	9.04			14.31	9.04	13.56	0.11	82.13
1981	89.1	4.2	24	38	2.4682	3.32			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.24	

CHECK OF BEAMS

CASE 10:D.L+W.LY

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
1986	89.1	4.2	24	38	2.6833	-3.05	11.20	18.70	17.92	9.04			14.31	9.04	13.56	0.22	89.28
1815	89.1	4.2	24	38	2.6833	6.14			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.45	
1808	89.1	4.2	24	38	2.8347	-4.07	10.58	18.70	17.92	9.04			14.31	9.04	13.56	0.30	94.32
1817	89.1	4.2	24	38	2.8347	5.44			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.40	
1715	89.1	4.2	24	38	2.9586	-6.20	10.08	18.70	17.92	9.04			14.31	9.04	13.56	0.46	98.44
1718	89.1	4.2	24	38	2.9586	6.15			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.45	
2435	89.1	4.2	24	38	3.0344	-7.58	9.77	18.70	17.92	9.04			14.31	9.04	13.56	0.56	100.97
1819	89.1	4.2	24	38	3.0344	6.39			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.47	
2243	89.1	4.2	24	38	3.1936	-7.90	9.12	18.70	17.92	9.04			14.31	9.04	13.56	0.58	106.26
1726	89.1	4.2	24	38	3.1936	8.64			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.64	
2051	89.1	4.2	24	38	3.2826	-7.81	8.76	18.70	17.92	9.04			14.31	8.76	13.13	0.59	109.23
2015	89.1	4.2	24	38	3.2826	5.90			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.43	
1802	89.1	4.2	24	38	3.4086	-8.21	8.24	18.70	17.92	9.04			14.31	8.24	12.36	0.66	113.42
1838	89.1	4.2	24	38	3.4086	3.74			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.28	
3425	101.6	4.2	24	38	1.4565	-0.35	18.52	18.70	20.56	11.75			14.31	11.75	17.63	0.02	42.26
3958	101.6	4.2	24	38	1.4565	3.20			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.20	
3394	101.6	4.2	24	38	1.6029	-1.06	18.12	18.70	20.56	11.75			14.31	11.75	17.63	0.06	46.50
1645	101.6	4.2	24	38	1.8657	-4.62	17.32	18.70	20.56	11.75			14.31	11.75	17.63	0.26	54.13
3387	101.6	4.2	24	38	1.8657	4.03			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.26	
3226	101.6	4.2	24	38	2.0657	-0.51	16.66	18.70	20.56	11.75			14.31	11.75	17.63	0.03	59.93
3244	101.6	4.2	24	38	2.0657	2.91			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.19	
1032	101.6	4.2	24	38	2.2451	-7.24	16.04	18.70	20.56	11.75			14.31	11.75	17.63	0.41	65.14
3022	101.6	4.2	24	38	2.2451	6.86			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.44	
1572	101.6	4.2	24	38	2.3734	-12.71	15.57	18.70	20.56	11.75			14.31	11.75	17.63	0.72	68.86
1019	101.6	4.2	24	38	2.3734	4.30			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.27	
3021	101.6	4.2	24	38	2.5310	-7.60	14.99	18.70	20.56	11.75			14.31	11.75	17.63	0.43	73.43

CHECK OF BEAMS

CASE 10:D.L+W.LY

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
2985	101.6	4.2	24	38	2.5310	5.38			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.34	
987	101.6	4.2	24	38	2.7395	-9.80	14.19	18.70	20.56	11.75			14.31	11.75	17.63	0.56	79.48
2987	101.6	4.2	24	38	2.7395	8.61			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.55	
936	101.6	4.2	24	38	2.8995	-4.51	13.56	18.70	20.56	11.75			14.31	11.75	17.63	0.26	84.12
1571	101.6	4.2	24	38	2.8995	7.62			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.48	
1909	101.6	4.2	24	38	3.1056	-9.64	12.73	18.70	20.56	11.75			14.31	11.75	17.63	0.55	90.10
509	101.6	4.2	24	38	3.1056	6.70			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.43	
685	101.6	4.2	24	38	3.2075	-7.02	12.32	18.70	20.56	11.75			14.31	11.75	17.63	0.40	93.06
697	101.6	4.2	24	38	3.2075	7.61			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.48	
892	101.6	4.2	24	38	3.4718	-6.35	11.24	18.70	20.56	11.75			14.31	11.24	16.86	0.38	100.73
825	101.6	4.2	24	38	3.4718	4.84			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.31	
1179	101.6	4.2	24	38	3.5980	-4.35	10.73	18.70	20.56	11.75			14.31	10.73	16.09	0.27	104.39
828	101.6	4.2	24	38	3.5980	4.93			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.31	
1188	101.6	4.2	24	38	3.8380	-6.79	9.75	18.70	20.56	11.75			14.31	9.75	14.62	0.46	111.35
826	101.6	4.2	24	38	3.8380	4.60			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.29	
3181	114.3	4.5	27	41	1.4498	4.78			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.23	
1639	114.3	4.5	27	41	1.8144	-3.64	21.86	21.97	24.84	14.31			16.84	14.31	21.46	0.17	46.70
3383	114.3	4.5	27	41	1.8144	3.55			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.17	
2988	114.3	4.5	27	41	2.1316	-9.08	20.82	21.97	24.84	14.31			16.84	14.31	21.46	0.42	54.86
3024	114.3	4.5	27	41	2.1316	10.35			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.50	
1812	114.3	4.5	27	41	2.4701	-0.25	19.60	21.97	24.84	14.31			16.84	14.31	21.46	0.01	63.58
1813	114.3	4.5	27	41	2.4701	9.08			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.44	
1890	114.3	4.5	27	41	2.6008	3.29			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.16	
1725	114.3	4.5	27	41	3.0122	-15.45	17.45	21.97	24.84	14.31			16.84	14.31	21.46	0.72	77.53
1708	114.3	4.5	27	41	3.0122	5.11			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.25	
1721	114.3	4.5	27	41	3.0870	-12.15	17.14	21.97	24.84	14.31			16.84	14.31	21.46	0.57	79.45

CHECK OF BEAMS

CASE 10:D.L+W.LY

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
1712	114.3	4.5	27	41	3.0870	5.06			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.25	
1513	114.3	4.5	27	41	3.3029	-9.55	16.23	21.97	24.84	14.31			16.84	14.31	21.46	0.44	85.01
1795	114.3	4.5	27	41	3.3029	2.02			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.10	
4074	114.3	4.5	27	41	4.2582	-6.57	12.07	21.97	24.84	14.31			16.84	12.07	18.10	0.36	109.60
820	114.3	4.5	27	41	4.2582	2.83			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.14	
1104	139.8	4.5	30	46	1.9400	-8.24	27.80	28.56	30.60	19.26			22.42	19.26	28.89	0.29	40.53
1098	139.8	4.5	30	46	1.9400	4.73			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.19	
1082	139.8	4.5	30	46	2.0921	-17.68	27.36	28.56	30.60	19.26			22.42	19.26	28.89	0.61	43.71
289	139.8	4.5	30	46	2.0921	6.64			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.27	
1789	139.8	4.5	30	46	2.4701	3.42			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.14	
1717	139.8	4.5	30	46	3.2062	-15.99	23.53	28.56	30.60	19.26			22.42	19.26	28.89	0.55	66.99
1716	139.8	4.5	30	46	3.2062	5.34			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.22	
792	139.8	4.5	30	46	3.9228	-5.96	20.61	28.56	30.60	19.26			22.42	19.26	28.89	0.21	81.96
780	139.8	4.5	30	46	3.9228	10.13			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.41	
793	139.8	4.5	30	46	4.2041	-6.42	19.42	28.56	30.60	19.26			22.42	19.26	28.89	0.22	87.84
779	139.8	4.5	30	46	4.2041	7.16			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.29	
777	139.8	4.5	30	46	4.4388	7.68			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.31	
4110	165.2	4.5	36	55	1.5015	4.77			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.14	
1642	165.2	4.5	36	55	1.7134	2.11			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.06	
1083	165.2	4.5	36	55	2.0072	-21.56	33.79	41.35	36.35	22.86			32.39	22.86	34.29	0.63	35.31
1065	165.2	4.5	36	55	2.0072	6.02			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.18	
1698	165.2	4.5	36	55	2.9895	-0.66	30.91	41.35	36.35	22.86			32.39	22.86	34.29	0.02	52.60
1470	165.2	4.5	36	55	3.2061	-12.37	30.17	41.35	36.35	22.86			32.39	22.86	34.29	0.36	56.41
1125	216.3	5.8	42	70	1.7259	-20.94	59.47	67.90	61.37	38.94			53.06	38.94	58.40	0.36	23.18
337	216.3	5.8	42	70	1.7259	13.26			61.37	38.94	32.39	35.33	46.08	32.39	48.59	0.27	
1689	216.3	5.8	42	70	2.9304	-3.38	56.05	67.90	61.37	38.94			53.06	38.94	58.40	0.06	39.36

CHECK OF BEAMS

CASE 10:D.L+W.LY

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
1700	216.3	5.8	42	70	2.9304	5.60			61.37	38.94	32.39	35.33	46.08	32.39	48.59	0.12	
1688	216.3	5.8	42	70	3.0497	-1.29	55.63	67.90	61.37	38.94			53.06	38.94	58.40	0.02	40.96
394	216.3	5.8	42	70	3.0497	2.88			61.37	38.94	32.39	35.33	46.08	32.39	48.59	0.06	
1374	216.3	5.8	42	70	3.2061	-15.15	55.05	67.90	61.37	38.94			53.06	38.94	58.40	0.26	43.06
778	216.3	5.8	48	80	3.9694	5.12			61.37	36.11	42.66	48.79	59.65	36.11	54.16	0.09	
776	216.3	5.8	48	80	4.2040	6.05			61.37	36.11	42.66	48.79	59.65	36.11	54.16	0.11	
415	267.4	9.3	56	90	3.2062	-17.04	112.25	104.72	120.65	70.94			75.95	70.94	106.41	0.16	35.11
19	267.4	9.3	56	90	4.2890	-2.75	106.03	104.72	120.65	70.94			75.95	70.94	106.41	0.03	46.97
18	267.4	9.3	56	90	4.2890	41.61			120.65	70.94	59.02	65.04	92.74	59.02	88.54	0.47	
736	267.4	9.3	56	90	4.4878	21.02			120.65	70.94	59.02	65.04	92.74	59.02	88.54	0.24	

CHECK OF BEAMS

CASE 11:D.L+K.LX

地震時

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
3925	60.5	3.2	16	24	1.6690	-5.08	6.19	6.59	9.22	4.64			5.33	4.64	6.96	0.73	82.26
3922	60.5	3.2	16	24	1.6690	4.10			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.59	
3876	60.5	3.2	16	24	1.8207	-4.32	5.73	6.59	9.22	4.64			5.33	4.64	6.96	0.62	89.73
3924	60.5	3.2	16	24	1.8207	4.60			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.66	
3747	60.5	3.2	16	24	1.9318	-4.05	5.39	6.59	9.22	4.64			5.33	4.64	6.96	0.58	95.21
3789	60.5	3.2	16	24	1.9318	3.70			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.53	
3708	60.5	3.2	16	24	2.0203	-4.86	5.11	6.59	9.22	4.64			5.33	4.64	6.96	0.70	99.57
3748	60.5	3.2	16	24	2.0203	3.72			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.53	
3597	60.5	3.2	16	24	2.1437	-2.60	4.73	6.59	9.22	4.64			5.33	4.64	6.96	0.37	105.65
3669	60.5	3.2	16	24	2.1437	4.78			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.69	
3706	60.5	3.2	16	24	2.2208	-3.82	4.49	6.59	9.22	4.64			5.33	4.49	6.73	0.57	109.45
3596	60.5	3.2	16	24	2.2208	2.76			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.40	
3621	60.5	3.2	16	24	2.3643	-1.95	4.04	6.59	9.22	4.64			5.33	4.04	6.07	0.32	116.52
3616	60.5	3.2	16	24	2.3643	0.06			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.01	
4006	76.3	3.2	20	30	1.1486	-3.33	10.48	10.88	11.76	6.12			8.70	6.12	9.17	0.36	44.40
3987	76.3	3.2	20	30	1.1486	2.10			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.23	
3976	76.3	3.2	20	30	1.5403	-4.83	9.55	10.88	11.76	6.12			8.70	6.12	9.17	0.53	59.54
3973	76.3	3.2	20	30	1.5403	2.23			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.24	
3831	76.3	3.2	20	30	1.7712	-5.88	8.93	10.88	11.76	6.12			8.70	6.12	9.17	0.64	68.47
3830	76.3	3.2	20	30	1.7712	5.79			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.63	
4043	76.3	3.2	20	30	1.8979	-3.45	8.57	10.88	11.76	6.12			8.70	6.12	9.17	0.38	73.36
3832	76.3	3.2	20	30	1.8979	4.95			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.54	
4111	76.3	3.2	20	30	2.0504	-2.77	8.13	10.88	11.76	6.12			8.70	6.12	9.17	0.30	79.26
3879	76.3	3.2	20	30	2.0504	5.98			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.65	
4036	76.3	3.2	20	30	2.1897	-4.33	7.71	10.88	11.76	6.12			8.70	6.12	9.17	0.47	84.64
4045	76.3	3.2	20	30	2.1897	4.07			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.44	

CHECK OF BEAMS

CASE 11:D.L+K.LX

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
2758	76.3	3.2	20	30	2.3157	-2.15	7.33	10.88	11.76	6.12			8.70	6.12	9.17	0.23	89.51
2889	76.3	3.2	20	30	2.3157	2.92			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.32	
2791	76.3	3.2	20	30	2.4769	-2.55	6.83	10.88	11.76	6.12			8.70	6.12	9.17	0.28	95.75
2028	76.3	3.2	20	30	2.4769	4.87			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.53	
2599	76.3	3.2	20	30	2.5833	-2.38	6.50	10.88	11.76	6.12			8.70	6.12	9.17	0.26	99.86
1983	76.3	3.2	20	30	2.5833	3.44			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.37	
2314	76.3	3.2	20	30	2.7360	-2.83	6.02	10.88	11.76	6.12			8.70	6.02	9.03	0.31	105.76
2123	76.3	3.2	20	30	2.7360	2.34			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.26	
2316	76.3	3.2	20	30	2.8075	-2.53	5.80	10.88	11.76	6.12			8.70	5.80	8.70	0.29	108.53
1888	76.3	3.2	20	30	2.8075	2.89			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.32	
2124	76.3	3.2	20	30	2.9305	-4.81	5.42	10.88	11.76	6.12			8.70	5.42	8.13	0.59	113.28
2022	76.3	3.2	20	30	2.9305	2.32			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.25	
1875	76.3	3.2	20	30	3.0593	-4.48	5.02	10.88	11.76	6.12			8.70	5.02	7.53	0.59	118.26
1977	76.3	3.2	20	30	3.0593	2.95			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.32	
3935	89.1	4.2	24	38	1.4566	-5.68	15.62	18.70	17.92	9.04			14.31	9.04	13.56	0.42	48.47
3970	89.1	4.2	24	38	1.4566	6.22			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.46	
3560	89.1	4.2	24	38	1.7038	-5.77	14.85	18.70	17.92	9.04			14.31	9.04	13.56	0.43	56.69
3043	89.1	4.2	24	38	1.7038	3.97			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.29	
3829	89.1	4.2	24	38	1.8348	-7.40	14.41	18.70	17.92	9.04			14.31	9.04	13.56	0.55	61.05
3787	89.1	4.2	24	38	1.8348	8.33			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.61	
3507	89.1	4.2	24	38	2.0412	-6.14	13.68	18.70	17.92	9.04			14.31	9.04	13.56	0.45	67.92
3746	89.1	4.2	24	38	2.0412	8.10			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.60	
4014	89.1	4.2	24	38	2.1633	-7.94	13.23	18.70	17.92	9.04			14.31	9.04	13.56	0.59	71.98
4103	89.1	4.2	24	38	2.1633	4.65			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.34	
3576	89.1	4.2	24	38	2.2802	-4.23	12.78	18.70	17.92	9.04			14.31	9.04	13.56	0.31	75.87
3345	89.1	4.2	24	38	2.2802	3.91			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.29	

CHECK OF BEAMS

CASE 11:D.L+K.LX

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
3340	89.1	4.2	24	38	2.4682	-2.87	12.05	18.70	17.92	9.04			14.31	9.04	13.56	0.21	82.13
1980	89.1	4.2	24	38	2.4682	5.04			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.37	
3120	89.1	4.2	24	38	2.6833	-5.75	11.20	18.70	17.92	9.04			14.31	9.04	13.56	0.42	89.28
1791	89.1	4.2	24	38	2.6833	6.79			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.50	
2071	89.1	4.2	24	38	2.8347	-4.71	10.58	18.70	17.92	9.04			14.31	9.04	13.56	0.35	94.32
3325	89.1	4.2	24	38	2.8347	4.82			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.36	
1691	89.1	4.2	24	38	2.9586	-7.16	10.08	18.70	17.92	9.04			14.31	9.04	13.56	0.53	98.44
4080	89.1	4.2	24	38	2.9586	6.39			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.47	
1942	89.1	4.2	24	38	3.0344	-4.08	9.77	18.70	17.92	9.04			14.31	9.04	13.56	0.30	100.97
1830	89.1	4.2	24	38	3.0344	3.69			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.27	
1792	89.1	4.2	24	38	3.1936	-3.02	9.12	18.70	17.92	9.04			14.31	9.04	13.56	0.22	106.26
1690	89.1	4.2	24	38	3.1936	9.38			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.69	
667	89.1	4.2	24	38	3.2826	-4.64	8.76	18.70	17.92	9.04			14.31	8.76	13.13	0.35	109.23
3089	89.1	4.2	24	38	3.2826	6.27			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.46	
1862	89.1	4.2	24	38	3.4086	-5.66	8.24	18.70	17.92	9.04			14.31	8.24	12.36	0.46	113.42
3194	101.6	4.2	24	38	1.4565	-12.04	18.52	18.70	20.56	11.75			14.31	11.75	17.63	0.68	42.26
3187	101.6	4.2	24	38	1.4565	7.48			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.48	
3394	101.6	4.2	24	38	1.6029	-6.60	18.12	18.70	20.56	11.75			14.31	11.75	17.63	0.37	46.50
3402	101.6	4.2	24	38	1.6029	2.43			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.15	
1669	101.6	4.2	24	38	1.8657	-9.54	17.32	18.70	20.56	11.75			14.31	11.75	17.63	0.54	54.13
3391	101.6	4.2	24	38	1.8657	7.68			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.49	
3245	101.6	4.2	24	38	2.0657	-11.49	16.66	18.70	20.56	11.75			14.31	11.75	17.63	0.65	59.93
2962	101.6	4.2	24	38	2.2451	-5.44	16.04	18.70	20.56	11.75			14.31	11.75	17.63	0.31	65.14
1585	101.6	4.2	24	38	2.3734	-8.08	15.57	18.70	20.56	11.75			14.31	11.75	17.63	0.46	68.86
2947	101.6	4.2	24	38	2.3734	2.66			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.17	
259	101.6	4.2	24	38	2.5310	-5.81	14.99	18.70	20.56	11.75			14.31	11.75	17.63	0.33	73.43

CHECK OF BEAMS

CASE 11:D.L+K.LX

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
3344	101.6	4.2	24	38	2.5310	8.05			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.51	
975	101.6	4.2	24	38	2.7395	-7.22	14.19	18.70	20.56	11.75			14.31	11.75	17.63	0.41	79.48
2963	101.6	4.2	24	38	2.7395	7.00			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.45	
211	101.6	4.2	24	38	2.8995	-4.56	13.56	18.70	20.56	11.75			14.31	11.75	17.63	0.26	84.12
1235	101.6	4.2	24	38	2.8995	5.43			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.35	
1932	101.6	4.2	24	38	3.1056	-10.21	12.73	18.70	20.56	11.75			14.31	11.75	17.63	0.58	90.10
453	101.6	4.2	24	38	3.1056	5.14			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.33	
715	101.6	4.2	24	38	3.2075	-4.03	12.32	18.70	20.56	11.75			14.31	11.75	17.63	0.23	93.06
1157	101.6	4.2	24	38	3.2075	3.90			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.25	
1790	101.6	4.2	24	38	3.4718	-6.47	11.24	18.70	20.56	11.75			14.31	11.24	16.86	0.38	100.73
1169	101.6	4.2	24	38	3.4718	1.46			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.09	
1234	101.6	4.2	24	38	3.5980	-5.35	10.73	18.70	20.56	11.75			14.31	10.73	16.09	0.33	104.39
852	101.6	4.2	24	38	3.5980	4.91			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.31	
4079	101.6	4.2	24	38	3.8380	-9.11	9.75	18.70	20.56	11.75			14.31	9.75	14.62	0.62	111.35
855	101.6	4.2	24	38	3.8380	2.52			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.16	
3169	114.3	4.5	27	41	1.4498	-11.29	22.89	21.97	24.84	14.31			16.84	14.31	21.46	0.53	37.32
3186	114.3	4.5	27	41	1.4498	5.30			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.26	
3383	114.3	4.5	27	41	1.8144	-11.12	21.86	21.97	24.84	14.31			16.84	14.31	21.46	0.52	46.70
4107	114.3	4.5	27	41	1.8144	11.01			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.53	
2964	114.3	4.5	27	41	2.1316	-8.50	20.82	21.97	24.84	14.31			16.84	14.31	21.46	0.40	54.86
4064	114.3	4.5	27	41	2.4701	-11.17	19.60	21.97	24.84	14.31			16.84	14.31	21.46	0.52	63.58
1861	114.3	4.5	27	41	2.4701	12.34			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.60	
1879	114.3	4.5	27	41	2.6008	-11.97	19.10	21.97	24.84	14.31			16.84	14.31	21.46	0.56	66.94
1732	114.3	4.5	27	41	3.0122	-12.45	17.45	21.97	24.84	14.31			16.84	14.31	21.46	0.58	77.53
1783	114.3	4.5	27	41	3.0122	11.82			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.57	
1736	114.3	4.5	27	41	3.0870	-9.09	17.14	21.97	24.84	14.31			16.84	14.31	21.46	0.42	79.45

CHECK OF BEAMS

CASE 11:D.L+K.LX

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
389	114.3	4.5	27	41	3.0870	9.35			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.45	
1531	114.3	4.5	27	41	3.3029	-10.98	16.23	21.97	24.84	14.31			16.84	14.31	21.46	0.51	85.01
3308	114.3	4.5	27	41	3.3029	10.41			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.51	
4074	114.3	4.5	27	41	4.2582	-4.63	12.07	21.97	24.84	14.31			16.84	12.07	18.10	0.26	109.60
820	114.3	4.5	27	41	4.2582	4.24			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.21	
3745	139.8	4.5	30	46	1.9400	-14.70	27.80	28.56	30.60	19.26			22.42	19.26	28.89	0.51	40.53
1068	139.8	4.5	30	46	1.9400	1.00			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.04	
1072	139.8	4.5	30	46	2.0921	-12.92	27.36	28.56	30.60	19.26			22.42	19.26	28.89	0.45	43.71
4063	139.8	4.5	30	46	2.4701	-14.70	26.19	28.56	30.60	19.26			22.42	19.26	28.89	0.51	51.61
1789	139.8	4.5	30	46	2.4701	11.43			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.47	
1740	139.8	4.5	30	46	3.2062	-16.82	23.53	28.56	30.60	19.26			22.42	19.26	28.89	0.58	66.99
90	139.8	4.5	30	46	3.9228	10.31			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.42	
785	139.8	4.5	30	46	4.2041	-1.75	19.42	28.56	30.60	19.26			22.42	19.26	28.89	0.06	87.84
808	139.8	4.5	30	46	4.2041	11.63			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.47	
777	139.8	4.5	30	46	4.4388	-13.72	18.40	28.56	30.60	19.26			22.42	18.40	27.60	0.50	92.74
4106	165.2	4.5	36	55	1.5015	-19.08	34.89	41.35	36.35	22.86			32.39	22.86	34.29	0.56	26.42
1642	165.2	4.5	36	55	1.7134	-16.00	34.46	41.35	36.35	22.86			32.39	22.86	34.29	0.47	30.15
1071	165.2	4.5	36	55	2.0072	-16.29	33.79	41.35	36.35	22.86			32.39	22.86	34.29	0.48	35.31
1698	165.2	4.5	36	55	2.9895	15.51			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.45	
475	165.2	4.5	36	55	3.2061	-18.42	30.17	41.35	36.35	22.86			32.39	22.86	34.29	0.54	56.41
1686	165.2	4.5	36	55	3.2061	18.74			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.55	
355	216.3	5.8	42	70	1.7259	-20.70	59.47	67.90	61.37	38.94			53.06	38.94	58.40	0.35	23.18
1685	216.3	5.8	42	70	2.9304	-30.24	56.05	67.90	61.37	38.94			53.06	38.94	58.40	0.52	39.36
1697	216.3	5.8	42	70	3.0497	-25.27	55.63	67.90	61.37	38.94			53.06	38.94	58.40	0.43	40.96
1387	216.3	5.8	42	70	3.2061	-22.64	55.05	67.90	61.37	38.94			53.06	38.94	58.40	0.39	43.06
770	216.3	5.8	48	80	3.9694	21.72			61.37	36.11	42.66	48.79	59.65	36.11	54.16	0.40	

CHECK OF BEAMS

CASE 11:D.L+K.LX

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
772	216.3	5.8	48	80	4.2040	25.00			61.37	36.11	42.66	48.79	59.65	36.11	54.16	0.46	
421	267.4	9.3	56	90	3.2062	-34.00	112.25	104.72	120.65	70.94			75.95	70.94	106.41	0.32	35.11
48	267.4	9.3	56	90	4.2890	56.94			120.65	70.94	59.02	65.04	92.74	59.02	88.54	0.64	
760	267.4	9.3	56	90	4.4878	35.80			120.65	70.94	59.02	65.04	92.74	59.02	88.54	0.40	

CHECK OF BEAMS

CASE 12:D.L+K.LY 地震時

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
3925	60.5	3.2	16	24	1.6690	-3.13	6.19	6.59	9.22	4.64			5.33	4.64	6.96	0.45	82.26
3698	60.5	3.2	16	24	1.6690	3.62			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.52	
3855	60.5	3.2	16	24	1.8207	-3.39	5.73	6.59	9.22	4.64			5.33	4.64	6.96	0.49	89.73
3924	60.5	3.2	16	24	1.8207	2.83			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.41	
3743	60.5	3.2	16	24	1.9318	-3.87	5.39	6.59	9.22	4.64			5.33	4.64	6.96	0.56	95.21
3834	60.5	3.2	16	24	1.9318	2.04			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.29	
3882	60.5	3.2	16	24	2.0203	-2.93	5.11	6.59	9.22	4.64			5.33	4.64	6.96	0.42	99.57
3667	60.5	3.2	16	24	2.0203	3.83			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.55	
3794	60.5	3.2	16	24	2.1437	-3.06	4.73	6.59	9.22	4.64			5.33	4.64	6.96	0.44	105.65
3663	60.5	3.2	16	24	2.1437	1.94			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.28	
3697	60.5	3.2	16	24	2.2208	-2.85	4.49	6.59	9.22	4.64			5.33	4.49	6.73	0.42	109.45
3705	60.5	3.2	16	24	2.2208	2.42			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.35	
3621	60.5	3.2	16	24	2.3643	-2.43	4.04	6.59	9.22	4.64			5.33	4.04	6.07	0.40	116.52
4006	76.3	3.2	20	30	1.1486	-2.55	10.48	10.88	11.76	6.12			8.70	6.12	9.17	0.28	44.40
3987	76.3	3.2	20	30	1.1486	1.93			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.21	
3945	76.3	3.2	20	30	1.5403	-4.39	9.55	10.88	11.76	6.12			8.70	6.12	9.17	0.48	59.54
3968	76.3	3.2	20	30	1.5403	0.79			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.09	
3831	76.3	3.2	20	30	1.7712	-4.06	8.93	10.88	11.76	6.12			8.70	6.12	9.17	0.44	68.47
3830	76.3	3.2	20	30	1.7712	3.98			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.43	
4043	76.3	3.2	20	30	1.8979	-3.91	8.57	10.88	11.76	6.12			8.70	6.12	9.17	0.43	73.36
3832	76.3	3.2	20	30	1.8979	3.46			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.38	
4111	76.3	3.2	20	30	2.0504	-5.17	8.13	10.88	11.76	6.12			8.70	6.12	9.17	0.56	79.26
3631	76.3	3.2	20	30	2.0504	4.35			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.47	
4036	76.3	3.2	20	30	2.1897	-4.56	7.71	10.88	11.76	6.12			8.70	6.12	9.17	0.50	84.64
4045	76.3	3.2	20	30	2.1897	4.43			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.48	
2782	76.3	3.2	20	30	2.3157	-2.30	7.33	10.88	11.76	6.12			8.70	6.12	9.17	0.25	89.51

CHECK OF BEAMS

CASE 12:D.L+K.LY

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
2913	76.3	3.2	20	30	2.3157	3.06			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.33	
2815	76.3	3.2	20	30	2.4769	-2.79	6.83	10.88	11.76	6.12			8.70	6.12	9.17	0.30	95.75
2052	76.3	3.2	20	30	2.4769	5.14			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.56	
2623	76.3	3.2	20	30	2.5833	-2.58	6.50	10.88	11.76	6.12			8.70	6.12	9.17	0.28	99.86
1983	76.3	3.2	20	30	2.5833	4.32			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.47	
2271	76.3	3.2	20	30	2.7360	-3.01	6.02	10.88	11.76	6.12			8.70	6.02	9.03	0.33	105.76
2090	76.3	3.2	20	30	2.7360	2.55			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.28	
1905	76.3	3.2	20	30	2.8075	-2.78	5.80	10.88	11.76	6.12			8.70	5.80	8.70	0.32	108.53
1888	76.3	3.2	20	30	2.8075	3.90			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.43	
2089	76.3	3.2	20	30	2.9305	-5.05	5.42	10.88	11.76	6.12			8.70	5.42	8.13	0.62	113.28
1999	76.3	3.2	20	30	2.9305	2.69			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.29	
1899	76.3	3.2	20	30	3.0593	-4.53	5.02	10.88	11.76	6.12			8.70	5.02	7.53	0.60	118.26
2001	76.3	3.2	20	30	3.0593	1.48			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.16	
3943	89.1	4.2	24	38	1.4566	-5.34	15.62	18.70	17.92	9.04			14.31	9.04	13.56	0.39	48.47
3970	89.1	4.2	24	38	1.4566	6.45			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.48	
3524	89.1	4.2	24	38	1.7038	-4.88	14.85	18.70	17.92	9.04			14.31	9.04	13.56	0.36	56.69
3049	89.1	4.2	24	38	1.7038	4.03			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.30	
3829	89.1	4.2	24	38	1.8348	-4.99	14.41	18.70	17.92	9.04			14.31	9.04	13.56	0.37	61.05
3944	89.1	4.2	24	38	1.8348	5.89			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.43	
3362	89.1	4.2	24	38	2.0412	-4.41	13.68	18.70	17.92	9.04			14.31	9.04	13.56	0.33	67.92
3746	89.1	4.2	24	38	2.0412	5.57			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.41	
3580	89.1	4.2	24	38	2.1633	-5.80	13.23	18.70	17.92	9.04			14.31	9.04	13.56	0.43	71.98
4103	89.1	4.2	24	38	2.1633	9.63			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.71	
3576	89.1	4.2	24	38	2.2802	-4.61	12.78	18.70	17.92	9.04			14.31	9.04	13.56	0.34	75.87
3134	89.1	4.2	24	38	2.2802	3.40			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.25	
3340	89.1	4.2	24	38	2.4682	-2.25	12.05	18.70	17.92	9.04			14.31	9.04	13.56	0.17	82.13

CHECK OF BEAMS

CASE 12:D.L+K.LY

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
1980	89.1	4.2	24	38	2.4682	6.87			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.51	
4100	89.1	4.2	24	38	2.6833	-4.43	11.20	18.70	17.92	9.04			14.31	9.04	13.56	0.33	89.28
1791	89.1	4.2	24	38	2.6833	7.99			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.59	
2079	89.1	4.2	24	38	2.8347	-4.29	10.58	18.70	17.92	9.04			14.31	9.04	13.56	0.32	94.32
3325	89.1	4.2	24	38	2.8347	6.98			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.51	
1703	89.1	4.2	24	38	2.9586	-7.18	10.08	18.70	17.92	9.04			14.31	9.04	13.56	0.53	98.44
3098	89.1	4.2	24	38	2.9586	6.10			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.45	
1954	89.1	4.2	24	38	3.0344	-4.72	9.77	18.70	17.92	9.04			14.31	9.04	13.56	0.35	100.97
1807	89.1	4.2	24	38	3.0344	4.19			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.31	
1792	89.1	4.2	24	38	3.1936	-4.51	9.12	18.70	17.92	9.04			14.31	9.04	13.56	0.33	106.26
1702	89.1	4.2	24	38	3.1936	9.21			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.68	
583	89.1	4.2	24	38	3.2826	-5.47	8.76	18.70	17.92	9.04			14.31	8.76	13.13	0.42	109.23
3089	89.1	4.2	24	38	3.2826	7.04			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.52	
1778	89.1	4.2	24	38	3.4086	-6.62	8.24	18.70	17.92	9.04			14.31	8.24	12.36	0.54	113.42
3194	101.6	4.2	24	38	1.4565	-10.24	18.52	18.70	20.56	11.75			14.31	11.75	17.63	0.58	42.26
3187	101.6	4.2	24	38	1.4565	6.04			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.38	
3385	101.6	4.2	24	38	1.6029	-4.89	18.12	18.70	20.56	11.75			14.31	11.75	17.63	0.28	46.50
3402	101.6	4.2	24	38	1.6029	1.97			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.13	
1633	101.6	4.2	24	38	1.8657	-9.51	17.32	18.70	20.56	11.75			14.31	11.75	17.63	0.54	54.13
3391	101.6	4.2	24	38	1.8657	8.81			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.56	
3226	101.6	4.2	24	38	2.0657	-7.84	16.66	18.70	20.56	11.75			14.31	11.75	17.63	0.44	59.93
2974	101.6	4.2	24	38	2.2451	-5.69	16.04	18.70	20.56	11.75			14.31	11.75	17.63	0.32	65.14
1572	101.6	4.2	24	38	2.3734	-8.08	15.57	18.70	20.56	11.75			14.31	11.75	17.63	0.46	68.86
2971	101.6	4.2	24	38	2.3734	2.94			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.19	
271	101.6	4.2	24	38	2.5310	-6.06	14.99	18.70	20.56	11.75			14.31	11.75	17.63	0.34	73.43
3344	101.6	4.2	24	38	2.5310	7.55			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.48	

CHECK OF BEAMS

CASE 12:D.L+K.LY

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
987	101.6	4.2	24	38	2.7395	-7.14	14.19	18.70	20.56	11.75			14.31	11.75	17.63	0.41	79.48
4099	101.6	4.2	24	38	2.7395	7.92			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.50	
223	101.6	4.2	24	38	2.8995	-4.74	13.56	18.70	20.56	11.75			14.31	11.75	17.63	0.27	84.12
4072	101.6	4.2	24	38	2.8995	6.15			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.39	
1897	101.6	4.2	24	38	3.1056	-10.71	12.73	18.70	20.56	11.75			14.31	11.75	17.63	0.61	90.10
449	101.6	4.2	24	38	3.1056	5.14			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.33	
679	101.6	4.2	24	38	3.2075	-4.37	12.32	18.70	20.56	11.75			14.31	11.75	17.63	0.25	93.06
870	101.6	4.2	24	38	3.2075	4.27			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.27	
1790	101.6	4.2	24	38	3.4718	-9.21	11.24	18.70	20.56	11.75			14.31	11.24	16.86	0.55	100.73
819	101.6	4.2	24	38	3.4718	2.48			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.16	
1174	101.6	4.2	24	38	3.5980	-5.35	10.73	18.70	20.56	11.75			14.31	10.73	16.09	0.33	104.39
864	101.6	4.2	24	38	3.5980	5.05			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.32	
1164	101.6	4.2	24	38	3.8380	-9.86	9.75	18.70	20.56	11.75			14.31	9.75	14.62	0.67	111.35
823	101.6	4.2	24	38	3.8380	3.71			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.24	
3169	114.3	4.5	27	41	1.4498	-11.06	22.89	21.97	24.84	14.31			16.84	14.31	21.46	0.52	37.32
3186	114.3	4.5	27	41	1.4498	2.06			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.10	
1639	114.3	4.5	27	41	1.8144	-11.89	21.86	21.97	24.84	14.31			16.84	14.31	21.46	0.55	46.70
4107	114.3	4.5	27	41	1.8144	8.80			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.43	
2988	114.3	4.5	27	41	2.1316	-8.77	20.82	21.97	24.84	14.31			16.84	14.31	21.46	0.41	54.86
4064	114.3	4.5	27	41	2.4701	-8.99	19.60	21.97	24.84	14.31			16.84	14.31	21.46	0.42	63.58
1801	114.3	4.5	27	41	2.4701	13.42			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.65	
1879	114.3	4.5	27	41	2.6008	-7.98	19.10	21.97	24.84	14.31			16.84	14.31	21.46	0.37	66.94
1713	114.3	4.5	27	41	3.0122	-13.05	17.45	21.97	24.84	14.31			16.84	14.31	21.46	0.61	77.53
1783	114.3	4.5	27	41	3.0122	6.79			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.33	
1709	114.3	4.5	27	41	3.0870	-9.87	17.14	21.97	24.84	14.31			16.84	14.31	21.46	0.46	79.45
389	114.3	4.5	27	41	3.0870	7.92			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.38	

CHECK OF BEAMS

CASE 12:D.L+K.LY

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
1536	114.3	4.5	27	41	3.3029	-11.24	16.23	21.97	24.84	14.31			16.84	14.31	21.46	0.52	85.01
3076	114.3	4.5	27	41	3.3029	10.28			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.50	
4074	114.3	4.5	27	41	4.2582	-8.99	12.07	21.97	24.84	14.31			16.84	12.07	18.10	0.50	109.60
820	114.3	4.5	27	41	4.2582	6.24			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.30	
3745	139.8	4.5	30	46	1.9400	-10.68	27.80	28.56	30.60	19.26			22.42	19.26	28.89	0.37	40.53
1062	139.8	4.5	30	46	1.9400	1.83			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.07	
1076	139.8	4.5	30	46	2.0921	-13.26	27.36	28.56	30.60	19.26			22.42	19.26	28.89	0.46	43.71
4063	139.8	4.5	30	46	2.4701	-13.82	26.19	28.56	30.60	19.26			22.42	19.26	28.89	0.48	51.61
1789	139.8	4.5	30	46	2.4701	13.55			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.55	
1693	139.8	4.5	30	46	3.2062	-19.44	23.53	28.56	30.60	19.26			22.42	19.26	28.89	0.67	66.99
55	139.8	4.5	30	46	3.9228	14.03			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.57	
793	139.8	4.5	30	46	4.2041	-1.73	19.42	28.56	30.60	19.26			22.42	19.26	28.89	0.06	87.84
773	139.8	4.5	30	46	4.2041	11.27			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.46	
777	139.8	4.5	30	46	4.4388	-7.25	18.40	28.56	30.60	19.26			22.42	18.40	27.60	0.26	92.74
4106	165.2	4.5	36	55	1.5015	-13.90	34.89	41.35	36.35	22.86			32.39	22.86	34.29	0.41	26.42
1642	165.2	4.5	36	55	1.7134	-14.26	34.46	41.35	36.35	22.86			32.39	22.86	34.29	0.42	30.15
1077	165.2	4.5	36	55	2.0072	-16.29	33.79	41.35	36.35	22.86			32.39	22.86	34.29	0.48	35.31
1698	165.2	4.5	36	55	2.9895	14.31			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.42	
433	165.2	4.5	36	55	3.2061	-19.55	30.17	41.35	36.35	22.86			32.39	22.86	34.29	0.57	56.41
1686	165.2	4.5	36	55	3.2061	13.48			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.39	
367	216.3	5.8	42	70	1.7259	-21.74	59.47	67.90	61.37	38.94			53.06	38.94	58.40	0.37	23.18
1685	216.3	5.8	42	70	2.9304	-17.85	56.05	67.90	61.37	38.94			53.06	38.94	58.40	0.31	39.36
1697	216.3	5.8	42	70	3.0497	-22.70	55.63	67.90	61.37	38.94			53.06	38.94	58.40	0.39	40.96
439	216.3	5.8	42	70	3.2061	-24.14	55.05	67.90	61.37	38.94			53.06	38.94	58.40	0.41	43.06
770	216.3	5.8	48	80	3.9694	26.94			61.37	36.11	42.66	48.79	59.65	36.11	54.16	0.50	

CHECK OF BEAMS

CASE 12:D.L+K.LY

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
772	216.3	5.8	48	80	4.2040	28.25				61.37	36.11	42.66	48.79	59.65	36.11	54.16	0.52
391	267.4	9.3	56	90	3.2062	-37.68	112.25	104.72	120.65	70.94			75.95	70.94	106.41	0.35	35.11
12	267.4	9.3	56	90	4.2890	62.07			120.65	70.94	59.02	65.04	92.74	59.02	88.54	0.70	
724	267.4	9.3	56	90	4.4878	41.99			120.65	70.94	59.02	65.04	92.74	59.02	88.54	0.47	

CHECK OF BEAMS

CASE 13:D.L+K.L-Z

地震時

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
3906	60.5	3.2	16	24	1.6690	-6.14	6.19	6.59	9.22	4.64			5.33	4.64	6.96	0.88	82.26
3909	60.5	3.2	16	24	1.6690	5.65			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.81	
3855	60.5	3.2	16	24	1.8207	-5.99	5.73	6.59	9.22	4.64			5.33	4.64	6.96	0.86	89.73
3907	60.5	3.2	16	24	1.8207	5.57			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.80	
3740	60.5	3.2	16	24	1.9318	-6.34	5.39	6.59	9.22	4.64			5.33	4.64	6.96	0.91	95.21
3834	60.5	3.2	16	24	1.9318	3.86			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.55	
3708	60.5	3.2	16	24	2.0203	-5.39	5.11	6.59	9.22	4.64			5.33	4.64	6.96	0.77	99.57
3739	60.5	3.2	16	24	2.0203	5.50			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.79	
3794	60.5	3.2	16	24	2.1437	-5.18	4.73	6.59	9.22	4.64			5.33	4.64	6.96	0.74	105.65
3669	60.5	3.2	16	24	2.1437	4.41			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.63	
3697	60.5	3.2	16	24	2.2208	-4.68	4.49	6.59	9.22	4.64			5.33	4.49	6.73	0.70	109.45
3596	60.5	3.2	16	24	2.2208	4.52			9.22	4.64	4.66	4.93	7.88	4.64	6.96	0.65	
3621	60.5	3.2	16	24	2.3643	-4.07	4.04	6.59	9.22	4.64			5.33	4.04	6.07	0.67	116.52
3999	76.3	3.2	20	30	1.1486	-4.26	10.48	10.88	11.76	6.12			8.70	6.12	9.17	0.46	44.40
3991	76.3	3.2	20	30	1.1486	4.05			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.44	
3945	76.3	3.2	20	30	1.5403	-7.51	9.55	10.88	11.76	6.12			8.70	6.12	9.17	0.82	59.54
3968	76.3	3.2	20	30	1.5403	0.31			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.03	
3820	76.3	3.2	20	30	1.7712	-8.14	8.93	10.88	11.76	6.12			8.70	6.12	9.17	0.89	68.47
3830	76.3	3.2	20	30	1.7712	7.97			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.87	
4043	76.3	3.2	20	30	1.8979	-6.84	8.57	10.88	11.76	6.12			8.70	6.12	9.17	0.75	73.36
3819	76.3	3.2	20	30	1.8979	6.96			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.76	
4111	76.3	3.2	20	30	2.0504	-3.52	8.13	10.88	11.76	6.12			8.70	6.12	9.17	0.38	79.26
3631	76.3	3.2	20	30	2.0504	7.27			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.79	
4036	76.3	3.2	20	30	2.1897	-7.66	7.71	10.88	11.76	6.12			8.70	6.12	9.17	0.83	84.64
4050	76.3	3.2	20	30	2.1897	7.62			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.83	
2425	76.3	3.2	20	30	2.3157	-2.30	7.33	10.88	11.76	6.12			8.70	6.12	9.17	0.25	89.51

CHECK OF BEAMS

CASE 13:D.L+K.L-Z

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
2872	76.3	3.2	20	30	2.3157	3.75			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.41	
2778	76.3	3.2	20	30	2.4769	-3.06	6.83	10.88	11.76	6.12			8.70	6.12	9.17	0.33	95.75
1992	76.3	3.2	20	30	2.4769	7.22			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.79	
2635	76.3	3.2	20	30	2.5833	-2.54	6.50	10.88	11.76	6.12			8.70	6.12	9.17	0.28	99.86
1978	76.3	3.2	20	30	2.5833	5.75			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.63	
2266	76.3	3.2	20	30	2.7360	-3.77	6.02	10.88	11.76	6.12			8.70	6.02	9.03	0.42	105.76
2066	76.3	3.2	20	30	2.7360	1.70			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.19	
2269	76.3	3.2	20	30	2.8075	-3.79	5.80	10.88	11.76	6.12			8.70	5.80	8.70	0.44	108.53
1881	76.3	3.2	20	30	2.8075	4.57			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.50	
2089	76.3	3.2	20	30	2.9305	-7.23	5.42	10.88	11.76	6.12			8.70	5.42	8.13	0.89	113.28
1999	76.3	3.2	20	30	2.9305	1.59			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.17	
1875	76.3	3.2	20	30	3.0593	-5.76	5.02	10.88	11.76	6.12			8.70	5.02	7.53	0.76	118.26
1984	76.3	3.2	20	30	3.0593	0.39			11.76	6.12	7.28	7.48	11.51	6.12	9.17	0.04	
3943	89.1	4.2	24	38	1.4566	-9.64	15.62	18.70	17.92	9.04			14.31	9.04	13.56	0.71	48.47
3970	89.1	4.2	24	38	1.4566	11.40			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.84	
3560	89.1	4.2	24	38	1.7038	-9.42	14.85	18.70	17.92	9.04			14.31	9.04	13.56	0.69	56.69
3049	89.1	4.2	24	38	1.7038	6.15			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.45	
3822	89.1	4.2	24	38	1.8348	-9.94	14.41	18.70	17.92	9.04			14.31	9.04	13.56	0.73	61.05
3787	89.1	4.2	24	38	1.8348	11.19			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.82	
3507	89.1	4.2	24	38	2.0412	-10.18	13.68	18.70	17.92	9.04			14.31	9.04	13.56	0.75	67.92
3746	89.1	4.2	24	38	2.0412	11.93			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.88	
3454	89.1	4.2	24	38	2.1633	-10.78	13.23	18.70	17.92	9.04			14.31	9.04	13.56	0.79	71.98
3368	89.1	4.2	24	38	2.1633	5.36			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.40	
3576	89.1	4.2	24	38	2.2802	-8.59	12.78	18.70	17.92	9.04			14.31	9.04	13.56	0.63	75.87
3345	89.1	4.2	24	38	2.2802	6.78			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.50	
3340	89.1	4.2	24	38	2.4682	-4.28	12.05	18.70	17.92	9.04			14.31	9.04	13.56	0.32	82.13

CHECK OF BEAMS

CASE 13:D.L+K.L-Z

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
1980	89.1	4.2	24	38	2.4682	11.07			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.82	
4097	89.1	4.2	24	38	2.6833	-8.99	11.20	18.70	17.92	9.04			14.31	9.04	13.56	0.66	89.28
1786	89.1	4.2	24	38	2.6833	11.89			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.88	
2070	89.1	4.2	24	38	2.8347	-5.84	10.58	18.70	17.92	9.04			14.31	9.04	13.56	0.43	94.32
1868	89.1	4.2	24	38	2.8347	3.68			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.27	
2076	89.1	4.2	24	38	2.9586	-10.57	10.08	18.70	17.92	9.04			14.31	9.04	13.56	0.78	98.44
3095	89.1	4.2	24	38	2.9586	10.27			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.76	
1954	89.1	4.2	24	38	3.0344	-4.80	9.77	18.70	17.92	9.04			14.31	9.04	13.56	0.35	100.97
581	89.1	4.2	24	38	3.0344	4.73			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.35	
2174	89.1	4.2	24	38	3.1936	-3.74	9.12	18.70	17.92	9.04			14.31	9.04	13.56	0.28	106.26
1695	89.1	4.2	24	38	3.1936	11.78			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.87	
583	89.1	4.2	24	38	3.2826	-7.94	8.76	18.70	17.92	9.04			14.31	8.76	13.13	0.60	109.23
3078	89.1	4.2	24	38	3.2826	12.62			17.92	9.04	10.48	11.62	15.83	9.04	13.56	0.93	
1799	89.1	4.2	24	38	3.4086	-8.63	8.24	18.70	17.92	9.04			14.31	8.24	12.36	0.70	113.42
3430	101.6	4.2	24	38	1.4565	-16.43	18.52	18.70	20.56	11.75			14.31	11.75	17.63	0.93	42.26
3179	101.6	4.2	24	38	1.4565	8.85			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.56	
3394	101.6	4.2	24	38	1.6029	-5.66	18.12	18.70	20.56	11.75			14.31	11.75	17.63	0.32	46.50
3381	101.6	4.2	24	38	1.6029	0.97			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.06	
3379	101.6	4.2	24	38	1.8657	-16.10	17.32	18.70	20.56	11.75			14.31	11.75	17.63	0.91	54.13
3392	101.6	4.2	24	38	1.8657	14.34			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.91	
3244	101.6	4.2	24	38	2.0657	-14.89	16.66	18.70	20.56	11.75			14.31	11.75	17.63	0.84	59.93
3003	101.6	4.2	24	38	2.2451	-9.64	16.04	18.70	20.56	11.75			14.31	11.75	17.63	0.55	65.14
1585	101.6	4.2	24	38	2.3734	-14.82	15.57	18.70	20.56	11.75			14.31	11.75	17.63	0.84	68.86
2946	101.6	4.2	24	38	2.3734	4.83			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.31	
270	101.6	4.2	24	38	2.5310	-10.93	14.99	18.70	20.56	11.75			14.31	11.75	17.63	0.62	73.43
3344	101.6	4.2	24	38	2.5310	14.82			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.94	

CHECK OF BEAMS

CASE 13:D.L+K.L-Z

BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
975	101.6	4.2	24	38	2.7395	-12.64	14.19	18.70	20.56	11.75			14.31	11.75	17.63	0.72	79.48
4102	101.6	4.2	24	38	2.7395	13.12			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.83	
222	101.6	4.2	24	38	2.8995	-7.80	13.56	18.70	20.56	11.75			14.31	11.75	17.63	0.44	84.12
4071	101.6	4.2	24	38	2.8995	7.68			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.49	
1897	101.6	4.2	24	38	3.1056	-15.95	12.73	18.70	20.56	11.75			14.31	11.75	17.63	0.90	90.10
449	101.6	4.2	24	38	3.1056	9.81			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.62	
679	101.6	4.2	24	38	3.2075	-5.71	12.32	18.70	20.56	11.75			14.31	11.75	17.63	0.32	93.06
870	101.6	4.2	24	38	3.2075	6.35			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.40	
1790	101.6	4.2	24	38	3.4718	-12.67	11.24	18.70	20.56	11.75			14.31	11.24	16.86	0.75	100.73
871	101.6	4.2	24	38	3.4718	1.22			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.08	
1246	101.6	4.2	24	38	3.5980	-6.78	10.73	18.70	20.56	11.75			14.31	10.73	16.09	0.42	104.39
103	101.6	4.2	24	38	3.5980	6.47			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.41	
1165	101.6	4.2	24	38	3.8380	-13.65	9.75	18.70	20.56	11.75			14.31	9.75	14.62	0.93	111.35
823	101.6	4.2	24	38	3.8380	4.20			20.56	11.75	10.48	11.62	15.83	10.48	15.73	0.27	
3172	114.3	4.5	27	41	1.4498	-17.83	22.89	21.97	24.84	14.31			16.84	14.31	21.46	0.83	37.32
1639	114.3	4.5	27	41	1.8144	-19.35	21.86	21.97	24.84	14.31			16.84	14.31	21.46	0.90	46.70
4107	114.3	4.5	27	41	1.8144	15.18			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.74	
2976	114.3	4.5	27	41	2.1316	-15.26	20.82	21.97	24.84	14.31			16.84	14.31	21.46	0.71	54.86
4065	114.3	4.5	27	41	2.4701	-20.19	19.60	21.97	24.84	14.31			16.84	14.31	21.46	0.94	63.58
1800	114.3	4.5	27	41	2.4701	19.50			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.95	
1879	114.3	4.5	27	41	2.6008	-17.61	19.10	21.97	24.84	14.31			16.84	14.31	21.46	0.82	66.94
1713	114.3	4.5	27	41	3.0122	-18.77	17.45	21.97	24.84	14.31			16.84	14.31	21.46	0.87	77.53
1783	114.3	4.5	27	41	3.0122	15.84			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.77	
1298	114.3	4.5	27	41	3.0870	-14.24	17.14	21.97	24.84	14.31			16.84	14.31	21.46	0.66	79.45
389	114.3	4.5	27	41	3.0870	16.27			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.79	
1507	114.3	4.5	27	41	3.3029	-20.60	16.23	21.97	24.84	14.31			16.84	14.31	21.46	0.96	85.01 X

CHECK OF BEAMS

CASE 13:D.L+K.L-Z

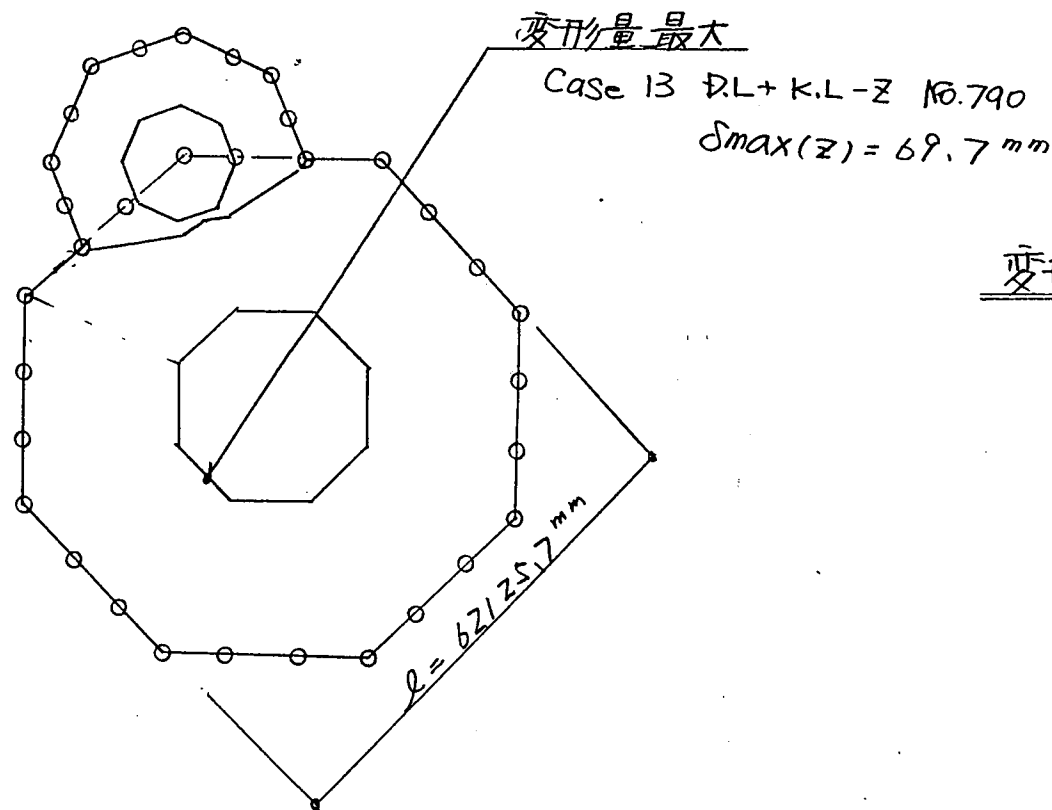
BEAM NO.	P	T	M	SW	L	N	(1)	(2)	(3)	(4)	(5)	(6)	(S)	(7)	(F)	(A)	(H)
3073	114.3	4.5	27	41	3.3029	18.99			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.92	
4077	114.3	4.5	27	41	4.2582	-10.21	12.07	21.97	24.84	14.31			16.84	12.07	18.10	0.56	109.60
824	114.3	4.5	27	41	4.2582	8.59			24.84	14.31	13.74	13.88	21.33	13.74	20.60	0.42	
3745	139.8	4.5	30	46	1.9400	-23.09	27.80	28.56	30.60	19.26			22.42	19.26	28.89	0.80	40.53
1062	139.8	4.5	30	46	1.9400	1.85			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.08	
1076	139.8	4.5	30	46	2.0921	-24.27	27.36	28.56	30.60	19.26			22.42	19.26	28.89	0.84	43.71
4063	139.8	4.5	30	46	2.4701	-21.97	26.19	28.56	30.60	19.26			22.42	19.26	28.89	0.76	51.61
1789	139.8	4.5	30	46	2.4701	20.69			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.84	
1249	139.8	4.5	30	46	3.2062	-24.77	23.53	28.56	30.60	19.26			22.42	19.26	28.89	0.86	66.99
54	139.8	4.5	30	46	3.9228	21.83			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.89	
794	139.8	4.5	30	46	4.2041	18.69			30.60	19.26	16.73	16.33	25.27	16.33	24.50	0.76	
771	139.8	4.5	30	46	4.4388	-21.48	18.40	28.56	30.60	19.26			22.42	18.40	27.60	0.78	92.74
4110	165.2	4.5	36	55	1.5015	-31.10	34.89	41.35	36.35	22.86			32.39	22.86	34.29	0.91	26.42
1642	165.2	4.5	36	55	1.7134	-30.39	34.46	41.35	36.35	22.86			32.39	22.86	34.29	0.89	30.15
1077	165.2	4.5	36	55	2.0072	-30.07	33.79	41.35	36.35	22.86			32.39	22.86	34.29	0.88	35.31
1687	165.2	4.5	36	55	2.9895	24.90			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.73	
445	165.2	4.5	36	55	3.2061	-31.56	30.17	41.35	36.35	22.86			32.39	22.86	34.29	0.92	56.41
1699	165.2	4.5	36	55	3.2061	29.71			36.35	22.86	24.42	24.86	36.92	22.86	34.29	0.87	
367	216.3	5.8	42	70	1.7259	-40.52	59.47	67.90	61.37	38.94			53.06	38.94	58.40	0.69	23.18
1685	216.3	5.8	42	70	2.9304	-42.91	56.05	67.90	61.37	38.94			53.06	38.94	58.40	0.73	39.36
1688	216.3	5.8	42	70	3.0497	-43.37	55.63	67.90	61.37	38.94			53.06	38.94	58.40	0.74	40.96
439	216.3	5.8	42	70	3.2061	-40.83	55.05	67.90	61.37	38.94			53.06	38.94	58.40	0.70	43.06
778	216.3	5.8	48	80	3.9694	46.02			61.37	36.11	42.66	48.79	59.65	36.11	54.16	0.85	
776	216.3	5.8	48	80	4.2040	49.19			61.37	36.11	42.66	48.79	59.65	36.11	54.16	0.91	
391	267.4	9.3	56	90	3.2062	-64.18	112.25	104.72	120.65	70.94			75.95	70.94	106.41	0.60	35.11
7	267.4	9.3	56	90	4.2890	82.04			120.65	70.94	59.02	65.04	92.74	59.02	88.54	0.93	
729	267.4	9.3	56	90	4.4878	59.84			120.65	70.94	59.02	65.04	92.74	59.02	88.54	0.68	

5-5. 変形量の検討

最大変形量

				NODAL DISPLACEMENTS (GLOBAL)						NODAL DISPLACEMENTS (SKEWED)				
				NUMBER	NUMBER	X(M)	Y(M)	Z(M)				R(M)	S(M)	T(M)
MIN	15	29	790	1	-0.0148	-0.0148	-0.0347	16	28	790	-0.0130	-0.0131	-0.0347	
MIN	17	29	808	2	-0.0079	-0.0081	-0.0187	16	28	808	-0.0071	-0.0072	-0.0187	
MIN	39	796	784	3	-0.0118	-0.0150	-0.0192	825	819	784	-0.0157	-0.0201	-0.0192	
MIN	784	3	796	4	-0.0148	-0.0117	-0.0201	784	6	796	-0.0148	-0.0087	-0.0201	
MIN	31	957	1063	5	0.0004	-0.0043	-0.0044	823	817	1063	-0.0091	-0.0118	-0.0044	
MIN	956	43	792	6	-0.0037	0.0003	-0.0036	27	825	792	-0.0037	-0.0090	-0.0036	
MIN	15	29	790	7	-0.0148	-0.0149	-0.0349	16	28	790	-0.0130	-0.0131	-0.0349	
MIN	17	29	808	8	-0.0226	-0.0229	-0.0534	16	28	808	-0.0201	-0.0203	-0.0534	
MIN	17	556	784	9	-0.0071	-0.0101	-0.0537	825	819	784	-0.0087	-0.0201	-0.0537	
MIN	543	29	796	10	-0.0100	-0.0072	-0.0545	543	827	796	-0.0100	-0.0081	-0.0545	
MIN	17	29	784	11	-0.0109	-0.0151	-0.0379	16	28	784	-0.0090	-0.0131	-0.0379	
MIN	15	29	790	12	-0.0149	-0.0112	-0.0383	16	827	790	-0.0128	-0.0162	-0.0383	
MIN	15	29	790	13	-0.0295	-0.0297	-0.0697	16	28	790	-0.0260	-0.0262	-0.0697	
← MAX														
MAX	39	5	387	1	0.0147	0.0156	0.0061	819	818	387	0.0158	0.0131	0.0061	
MAX	39	3	425	2	0.0080	0.0080	0.0033	819	818	425	0.0082	0.0069	0.0033	
MAX	1063	1085	814	3	0.0248	0.0172	0.0441	1063	1085	814	0.0248	0.0172	0.0441	
MAX	808	796	814	4	0.0150	0.0209	0.0433	808	796	814	0.0150	0.0209	0.0433	
MAX	1062	1085	1084	5	0.0128	0.0041	0.0053	1062	1085	1084	0.0128	0.0041	0.0053	
MAX	1064	1057	774	6	0.0025	0.0101	0.0035	817	1057	774	0.0094	0.0101	0.0035	
MAX	39	5	395	7	0.0148	0.0156	0.0061	819	818	395	0.0158	0.0131	0.0061	
MAX	39	5	395	8	0.0227	0.0235	0.0093	819	818	395	0.0239	0.0199	0.0093	
MAX	1063	819	814	9	0.0284	0.0169	0.0096	1063	1085	814	0.0284	0.0169	0.0096	
MAX	568	796	778	10	0.0099	0.0277	0.0092	568	796	778	0.0099	0.0277	0.0092	
MAX	41	819	387	11	0.0186	0.0158	0.0066	41	818	387	0.0186	0.0144	0.0066	
MAX	41	819	407	12	0.0147	0.0241	0.0062	819	818	407	0.0241	0.0227	0.0062	
MAX	39	5	387	13	0.0295	0.0313	0.0123	819	818	387	0.0315	0.0262	0.0123	

MIN: 負方向 MAX: 正方向

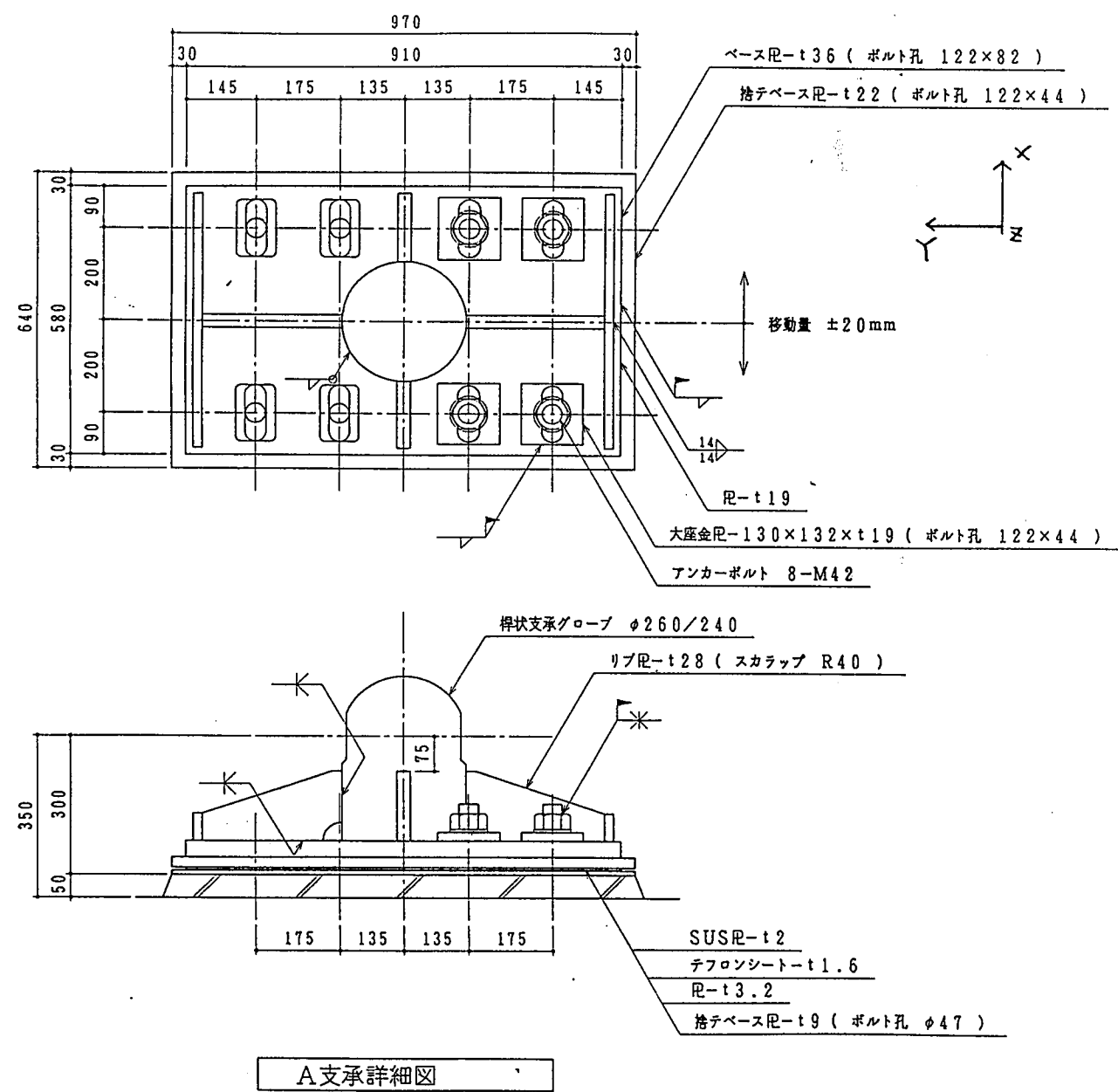


変形量の検討

$$\frac{\delta_{max(z)}}{l} = \frac{69.7}{62125.7} = \frac{1}{891} < \frac{1}{300} \quad \text{O.K.}$$

§-6. 支承部の設計

6-1. 支承概略図



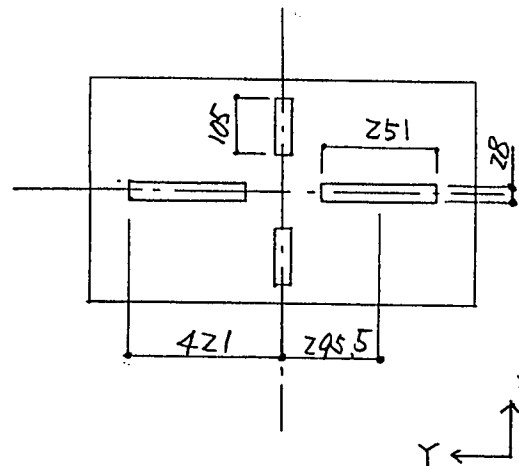
6-2. 設計能力

	荷重ケース	節点番号	N	Q _x	Q _y
A 支承	Case 9 D.L+W.LX	7	20.62t (毎)	0.0t	70.50t

6-3. A支承の設計

i) 溶接部の検討

(イ) ベースプレートとリブプレート



溶接部断面性能

$$I_x = \left(\frac{1}{12} \times 2.8 \times (25.1)^3 + 2.8 \times 25.1 \times (29.55)^2 \right) \times 2$$

$$= 130116.9 \text{ cm}^4$$

$$Z_x = \frac{130116.9}{42.1} = 3090.7 \text{ cm}^3$$

$$A = 25.1 \times 2.8 \times 2 + 10.5 \times 2.8 \times 2$$

$$= 199.36 \text{ cm}^2$$

応力と判定

曲げ $M_Y = 70.50 \times 30 = 2115 \text{ t} \cdot \text{cm}$

$$\sigma_b = \frac{M_Y}{Z_x} = \frac{2115}{3090.7} = 0.684 \text{ t/cm}^2$$

$$\therefore \frac{\sigma_b}{f_b} = \frac{0.684}{1.44 \times 1.5} = 0.32 < 1.0 \quad \text{OK}$$

圧縮 $\sigma_c = \frac{N}{A} = \frac{20.62}{199.36} = 0.103 \text{ t/cm}^2$

$$\therefore \frac{\sigma_c}{f_c} = \frac{0.103}{1.44 \times 1.5} = 0.05 < 1.0 \quad \text{OK}$$

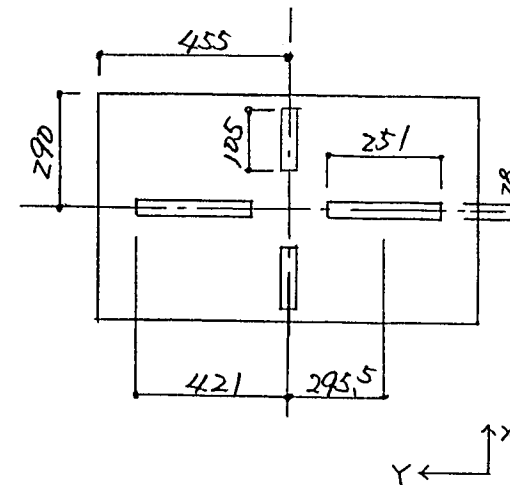
剪断 $\sigma_s = \frac{Q_Y}{A} = \frac{70.50}{199.36} = 0.354 \text{ t/cm}^2$

$$\therefore \frac{1.50\sigma_s}{f_s} = \frac{1.5 \times 0.354}{0.83 \times 1.5} = 0.43 < 1.0 \quad \text{OK}$$

組合せ $\sigma = \sqrt{(\sigma_b + \sigma_c)^2 + 3 \times \sigma_s^2} = 0.998 \text{ t/cm}^2$

$$\therefore \frac{\sigma}{f} = \frac{0.998}{1.44 \times 1.5} = 0.46 < 1.0 \quad \text{OK}$$

ii) リブプレートの検討



断面性能

$$I_x = \left(\frac{1}{12} \times 2.8 \times (25.1)^3 + 2.8 \times 25.1 \times (29.55)^2 \right) \times 2$$

$$= 130116.9 \text{ cm}^4$$

$$Z_x = \frac{130116.9}{42.1} = 3090.7 \text{ cm}^3$$

$$A = 25.1 \times 2.8 \times 2 + 10.5 \times 2.8 \times 2$$

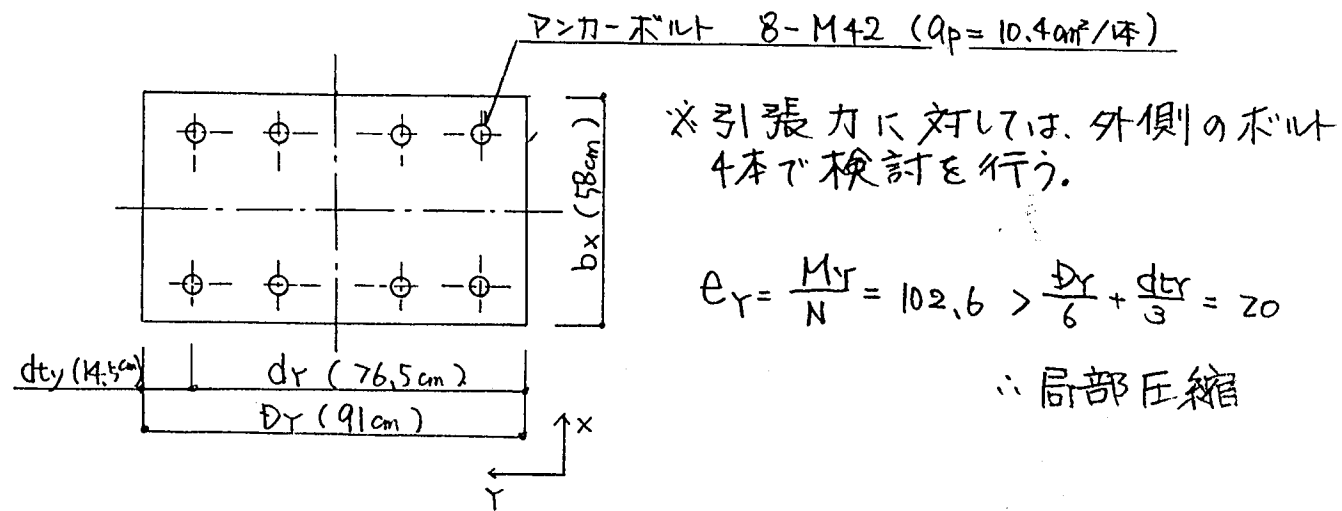
$$= 199.36 \text{ cm}^2$$

幅厚比

$$\frac{455}{36} = 12.6 < 16 \quad \text{OK}$$

リブプレートの断面性能は、溶接部断面性能と等しく、許容応力度が大きい為、明らかに安全側と考え検討を省略する。

iii) アンカーボルトの検討



$$X_n^3 + 3(e - \frac{D}{2})X_n^2 - \frac{6N \times 2A_p}{b}(e + \frac{D}{2} - dt) \times (D - dt - X_n) = 0 \text{ より}$$

$$\therefore X_{ny} = 31.1 \text{ cm}$$

$$\therefore T_y = 21.03 \text{ t}$$

$$\therefore \sigma_{cy} = 0.046 \text{ t/cm}^2$$

応力と判定

引張 $\sigma_t = \frac{T_y}{2A_p} = \frac{21.03}{2 \times 10.4} = 1.011 \text{ t/cm}^2$

$$\therefore \frac{\sigma_t}{f_t} = \frac{1.011}{1.6 \times 1.5} = 0.42 < 1.0 \quad \text{OK}$$

剪断 $\sigma_s = \frac{Q_y}{8A_p} = \frac{70.50}{8 \times 10.4} = 0.847 \text{ t/cm}^2$

$$\therefore \frac{4/3 \sigma_s}{f_s} = \frac{4/3 \times 0.847}{1.2 \times 1.5} = 0.50 < 1.0 \quad \text{OK}$$

組合せ $\sigma = \sqrt{\sigma_t^2 + 3\sigma_s^2} = 1.782 \text{ t/cm}^2$

$$\therefore \frac{\sigma}{f} = \frac{1.782}{1.6 \times 1.5} = 0.74 < 1.0 \quad \text{OK}$$

iv) ハースプレート の検討

<引張側>

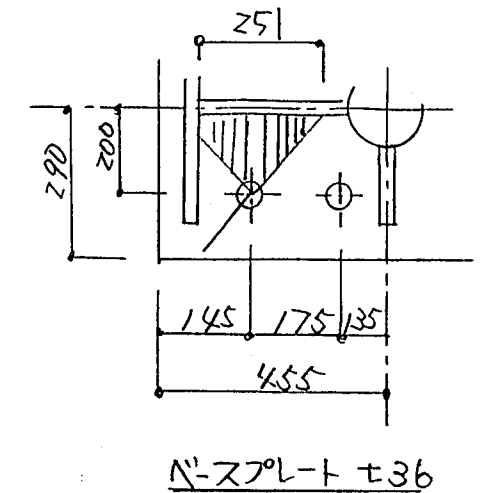
iii) より $T = T_y/2 = 10.515 \text{ t}$

$$M = \frac{T}{2} \times 20.0 = 105.15 \text{ t}\cdot\text{cm}$$

$$Z = \frac{25.1 \times (3.6)^2}{6} = 54.21 \text{ cm}^3$$

$$\sigma_b = \frac{M}{Z} = \frac{105.15}{54.21} = 1.940 \text{ t/cm}^2$$

$$\therefore \frac{\sigma_b}{f_b} = \frac{1.940}{1.846 \times 1.5} = 0.70 < 1.0 \quad \text{OK}$$



<圧縮側>

ハースプレートと3隣り固定辺
自由スラッグと仮定する

$$l_y = 430.3 \quad l_x = 290$$

$$\frac{l_y}{l_x} = 1.48 \rightarrow 0.185$$

最大圧縮応力を平均化する

$$\sigma_c = \frac{\sigma_{cy}}{2} = 0.023 \text{ t/cm}^2$$

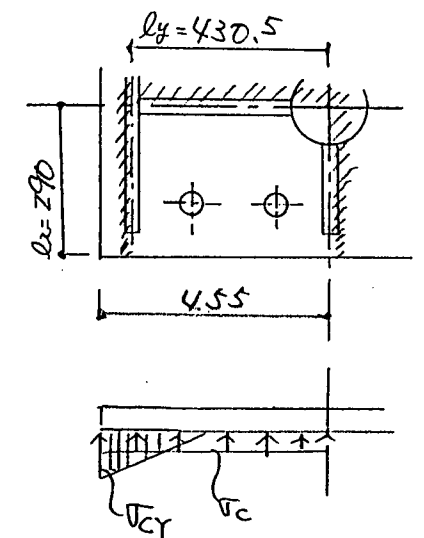
$$M = 0.185 \times 0.023 \times (43.03 \times 29.0) = 5.31 \text{ t}\cdot\text{cm/cm}$$

ハースプレート単位巾当たりの断面係数

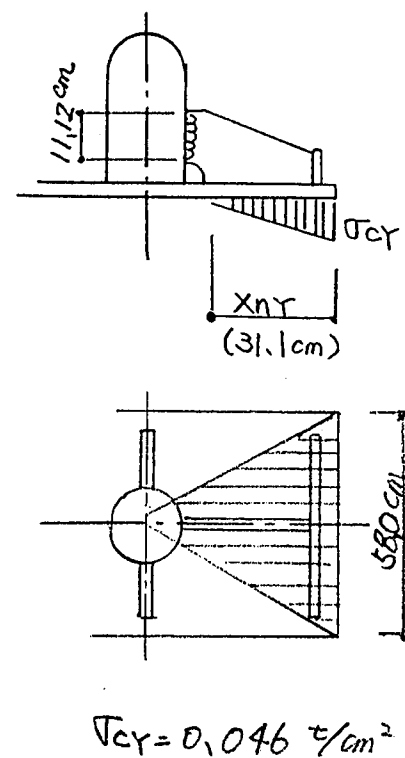
$$Z = \frac{1.0 \times (3.6)^2}{6} = 2.16 \text{ cm}^3/\text{cm}$$

$$\sigma_b = \frac{M}{Z} = \frac{5.31}{2.16} = 2.458 \text{ t/cm}^2$$

$$\therefore \frac{\sigma_b}{f_b} = \frac{2.458}{1.846 \times 1.5} = 0.89 < 1.0 \quad \text{OK}$$



V) 溶接部の検討(棒状グローブとリアプレート)



溶接部断面積

$$A = 2.8 \times 11.12 = 31.136 \text{ cm}^2$$

剪断力

$$Q = \frac{bx \times X_{nr} \times \tau_{cy}}{2} \times \frac{1}{2}$$

$$= \frac{58.0 \times 31.1 \times 0.046}{2} \times \frac{1}{2}$$

$$= 20.744 \text{ t}$$

$$\tau_s = \frac{Q}{A} = \frac{20.744}{31.136}$$

$$= 0.67 \text{ t/cm}^2$$

$$\therefore \frac{\tau_s}{\tau_s} = \frac{0.67}{0.83 \times 1.5} = 0.54 < 1.0 \text{ OK}$$

余 白

