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Job Information

	Engineer	Checked	Approved
Name:			
Date:	24-Mar-24		

Structure Type | SPACE FRAME

Number of Nodes	292	Highest Node	292
Number of Elements	653	Highest Beam	653

Number of Basic Load Cases	6
Number of Combination Load Cases	18

Included in this printout are data for:

Beams	1,357,615,614,40,469,79,619,61
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Included in this printout are results for load cases:

Type	L/C	Name
Primary	1	DL
Primary	2	LL
Primary	3	WLX+CPI
Primary	4	WLZ+CPI
Primary	5	WLX-CPI
Primary	6	WLZ-CPI
Combination	101	1.5 DL+1.5 LL
Combination	102	1.2 DL+1.2 LL+1.2 WLX+CPI
Combination	103	1.2 DL+1.2 LL+1.2 WLX-CPI
Combination	104	1.2 DL+1.2 LL+1.2 WLZ+CPI
Combination	105	1.2 DL+1.2 LL+1.2 WLZ-CPI
Combination	106	1.5 DL+1.5 WLX+CPI
Combination	107	1.5 DL+1.5 WLX-CPI
Combination	108	1.5 DL+1.5 WLZ+CPI
Combination	109	1.5 DL+1.5 WLZ-CPI
Combination	110	.9 DL+1.5 WLX+CPI
Combination	111	.9 DL+1.5 WLX-CPI
Combination	112	.9 DL+1.5 WLZ+CPI
Combination	113	.9 DL+1.5 WLZ-CPI
Combination	201	1 DL+1 LL
Combination	202	1 DL+0.8 LL+0.8 WLX+CPI
Combination	203	1 DL+0.8 LL+0.8 WLX-CPI
Combination	204	1 DL+0.8 LL+0.8 WLZ+CPI
Combination	205	1 DL+0.8 LL+0.8 WLZ-CPI



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Beams

Beam	Node A	Node B	Length (m)	Property	β (degrees)
1	1	2	7.000	2	0
4	2	199	1.020	1	0
6	6	200	1.020	1	0
7	7	201	1.020	1	0
8	8	202	1.020	1	0
9	9	203	1.020	1	0
10	10	11	2.000	1	0
11	6	10	0.400	3	0
12	11	12	2.000	1	0
13	7	11	0.800	3	0
14	12	13	2.000	1	0
15	8	12	1.200	3	0
16	13	14	2.000	1	0
17	9	13	1.600	3	0
18	14	22	2.000	1	0
19	5	14	2.000	3	0
20	6	11	2.040	3	0
21	7	12	2.154	3	0
22	8	13	2.332	3	0
23	9	14	2.561	3	0
24	15	210	1.020	1	0
25	16	211	1.020	1	0
26	17	212	1.020	1	0
27	18	213	1.020	1	0
28	19	4	2.000	1	0
29	20	19	2.000	1	0
30	21	20	2.000	1	0
31	22	21	2.000	1	0
32	15	19	0.400	3	0
33	16	20	0.800	3	0
34	17	21	1.200	3	0
35	18	22	1.600	3	0
36	15	20	2.040	3	0
37	16	21	2.154	3	0
38	17	22	2.332	3	0
39	18	14	2.561	3	0
40	23	24	7.000	2	0
41	25	26	7.000	2	0
42	24	32	2.000	1	0
43	24	219	1.020	1	0
44	26	220	1.020	1	0
45	28	221	1.020	1	0
46	29	222	1.020	1	0
47	30	223	1.020	1	0
48	31	224	1.020	1	0
49	32	33	2.000	1	0
50	28	32	0.400	3	0
51	33	34	2.000	1	0
52	29	33	0.800	3	0



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Beams Cont...

Beam	Node A	Node B	Length (m)	Property	β (degrees)
53	34	35	2.000	1	0
54	30	34	1.200	3	0
55	35	36	2.000	1	0
56	31	35	1.600	3	0
57	36	44	2.000	1	0
58	27	36	2.000	3	0
59	28	33	2.040	3	0
60	29	34	2.154	3	0
61	30	35	2.332	3	0
62	31	36	2.561	3	0
63	37	225	1.020	1	0
64	38	226	1.020	1	0
65	39	227	1.020	1	0
66	40	228	1.020	1	0
67	41	26	2.000	1	0
68	42	41	2.000	1	0
69	43	42	2.000	1	0
70	44	43	2.000	1	0
71	37	41	0.400	3	0
72	38	42	0.800	3	0
73	39	43	1.200	3	0
74	40	44	1.600	3	0
75	37	42	2.040	3	0
76	38	43	2.154	3	0
77	39	44	2.332	3	0
78	40	36	2.561	3	0
79	45	46	7.000	2	0
80	47	48	7.000	2	0
81	46	54	2.000	1	0
82	46	229	1.020	1	0
83	48	230	1.020	1	0
84	50	231	1.020	1	0
85	51	232	1.020	1	0
86	52	233	1.020	1	0
87	53	234	1.020	1	0
88	54	55	2.000	1	0
89	50	54	0.400	3	0
90	55	56	2.000	1	0
91	51	55	0.800	3	0
92	56	57	2.000	1	0
93	52	56	1.200	3	0
94	57	58	2.000	1	0
95	53	57	1.600	3	0
96	58	66	2.000	1	0
97	49	58	2.000	3	0
98	50	55	2.040	3	0
99	51	56	2.154	3	0
100	52	57	2.332	3	0
101	53	58	2.561	3	0



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Beams Cont...

Beam	Node A	Node B	Length (m)	Property	β (degrees)
102	59	235	1.020	1	0
103	60	236	1.020	1	0
104	61	237	1.020	1	0
105	62	238	1.020	1	0
106	63	48	2.000	1	0
107	64	63	2.000	1	0
108	65	64	2.000	1	0
109	66	65	2.000	1	0
110	59	63	0.400	3	0
111	60	64	0.800	3	0
112	61	65	1.200	3	0
113	62	66	1.600	3	0
114	59	64	2.040	3	0
115	60	65	2.154	3	0
116	61	66	2.332	3	0
117	62	58	2.561	3	0
118	67	68	7.000	2	0
119	69	70	7.000	2	0
120	68	76	2.000	1	0
121	68	239	1.020	1	0
122	70	240	1.020	1	0
123	72	241	1.020	1	0
124	73	242	1.020	1	0
125	74	243	1.020	1	0
126	75	244	1.020	1	0
127	76	77	2.000	1	0
128	72	76	0.400	3	0
129	77	78	2.000	1	0
130	73	77	0.800	3	0
131	78	79	2.000	1	0
132	74	78	1.200	3	0
133	79	80	2.000	1	0
134	75	79	1.600	3	0
135	80	88	2.000	1	0
136	71	80	2.000	3	0
137	72	77	2.040	3	0
138	73	78	2.154	3	0
139	74	79	2.332	3	0
140	75	80	2.561	3	0
141	81	245	1.020	1	0
142	82	246	1.020	1	0
143	83	247	1.020	1	0
144	84	248	1.020	1	0
145	85	70	2.000	1	0
146	86	85	2.000	1	0
147	87	86	2.000	1	0
148	88	87	2.000	1	0
149	81	85	0.400	3	0
150	82	86	0.800	3	0



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Beams Cont...

Beam	Node A	Node B	Length (m)	Property	β (degrees)
151	83	87	1.200	3	0
152	84	88	1.600	3	0
153	81	86	2.040	3	0
154	82	87	2.154	3	0
155	83	88	2.332	3	0
156	84	80	2.561	3	0
157	89	90	7.000	2	0
158	91	92	7.000	2	0
159	90	98	2.000	1	0
160	90	249	1.020	1	0
161	92	250	1.020	1	0
162	94	251	1.020	1	0
163	95	252	1.020	1	0
164	96	253	1.020	1	0
165	97	254	1.020	1	0
196	111	112	7.000	2	0
235	133	134	7.000	2	0
274	155	156	7.000	2	0
313	177	178	7.000	2	0
352	199	6	1.020	1	0
353	200	7	1.020	1	0
354	201	8	1.020	1	0
355	202	9	1.020	1	0
356	203	5	1.020	1	0
357	2	24	6.000	4	11
463	156	178	6.000	4	11
464	134	156	6.000	4	11
465	112	134	6.000	4	11
466	90	112	6.000	4	11
467	68	90	6.000	4	11
468	46	68	6.000	4	11
469	24	46	6.000	4	11
614	1	24	9.220	6	0
615	2	23	9.220	6	0
618	45	68	9.220	6	0
619	46	67	9.220	6	0
622	155	178	9.220	6	0
623	156	177	9.220	6	0
626	111	134	9.220	6	0
627	112	133	9.220	6	0

Nodes

There is no data of this type.

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Section Properties

Prop	Section	Area (cm ²)	I _{yy} (cm ⁴)	I _{zz} (cm ⁴)	J (cm ⁴)	Material
1	ISMB600	154.000	2.57E+3	90.3E+3	195.000	STEEL
2	ISMB600	154.000	2.57E+3	90.3E+3	195.000	STEEL
3	ISA75X75X5	7.270	63.504	16.152	0.615	STEEL
4	ISMB600	154.000	2.57E+3	90.3E+3	195.000	STEEL
5	ISMB600	154.000	2.57E+3	90.3E+3	195.000	STEEL
6	Cir 0.02	3.142	0.785	0.785	1.571	STEEL
7	ISMB225	39.700	218.000	3.44E+3	18.300	STEEL

Materials

Mat	Name	E (kN/mm ²)	v	Density (kg/m ³)	α (/°C)
1	STEEL	205.000	0.300	7.83E+3	12E -6
2	STAINLESSSTEEL	197.930	0.300	7.83E+3	18E -6
3	ALUMINUM	68.948	0.330	2.71E+3	23E -6
4	CONCRETE	21.718	0.170	2.4E+3	10E -6

Supports

There is no data of this type.

Primary Load Cases

Number	Name	Type
1	DL	Dead
2	LL	Live
3	WLX+CPI	Live
4	WLZ+CPI	Live
5	WLX-CPI	Live
6	WLZ-CPI	Live



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Combination Load Cases

Comb.	Combination L/C Name	Primary	Primary L/C Name	Factor
101	1.5 DL+1.5 LL	1	DL	1.50
		2	LL	1.50
102	1.2 DL+1.2 LL+1.2 WLX+CPI	1	DL	1.20
		2	LL	1.20
		3	WLX+CPI	1.20
103	1.2 DL+1.2 LL+1.2 WLX-CPI	1	DL	1.20
		2	LL	1.20
		4	WLX-CPI	1.20
104	1.2 DL+1.2 LL+1.2 WLZ+CPI	1	DL	1.20
		2	LL	1.20
		5	WLZ-CPI	1.20
105	1.2 DL+1.2 LL+1.2 WLZ-CPI	1	DL	1.20
		2	LL	1.20
		6	WLZ-CPI	1.20
106	1.5 DL+1.5 WLX+CPI	1	DL	1.50
		3	WLX+CPI	1.50
107	1.5 DL+1.5 WLX-CPI	1	DL	1.50
		4	WLX-CPI	1.50
108	1.5 DL+1.5 WLZ+CPI	1	DL	1.50
		5	WLZ-CPI	1.50
109	1.5 DL+1.5 WLZ-CPI	1	DL	1.50
		6	WLZ-CPI	1.50
110	.9 DL+1.5 WLX+CPI	1	DL	0.90
		3	WLX+CPI	1.50
111	.9 DL+1.5 WLX-CPI	1	DL	0.90
		4	WLX-CPI	1.50
112	.9 DL+1.5 WLZ+CPI	1	DL	0.90
		5	WLZ-CPI	1.50
113	.9 DL+1.5 WLZ-CPI	1	DL	0.90
		6	WLZ-CPI	1.50
201	1 DL+1 LL	1	DL	1.00
		2	LL	1.00
202	1 DL+0.8 LL+0.8 WLX+CPI	1	DL	1.00
		2	LL	0.80
		3	WLX+CPI	0.80
203	1 DL+0.8 LL+0.8 WLX-CPI	1	DL	1.00
		2	LL	0.80
		4	WLX-CPI	0.80
204	1 DL+0.8 LL+0.8 WLZ+CPI	1	DL	1.00
		2	LL	0.80
		5	WLZ-CPI	0.80
205	1 DL+0.8 LL+0.8 WLZ-CPI	1	DL	1.00
		2	LL	0.80
		6	WLZ-CPI	0.80

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1 DL : Beam Loads

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
1	UNI kN/m	GY	-0.300	-	-	-	-
	UNI kN/m	GY	-0.504	-	-	-	-
40	UNI kN/m	GY	-0.600	-	-	-	-
	UNI kN/m	GY	-1.008	-	-	-	-
41	UNI kN/m	GY	-1.008	-	-	-	-
	UNI kN/m	GY	-0.600	-	-	-	-
79	UNI kN/m	GY	-1.008	-	-	-	-
	UNI kN/m	GY	-0.600	-	-	-	-
80	UNI kN/m	GY	-1.008	-	-	-	-
	UNI kN/m	GY	-0.600	-	-	-	-
118	UNI kN/m	GY	-1.008	-	-	-	-
	UNI kN/m	GY	-0.600	-	-	-	-
119	UNI kN/m	GY	-0.600	-	-	-	-
	UNI kN/m	GY	-1.008	-	-	-	-
157	UNI kN/m	GY	-1.008	-	-	-	-
	UNI kN/m	GY	-0.600	-	-	-	-
158	UNI kN/m	GY	-1.008	-	-	-	-
	UNI kN/m	GY	-0.600	-	-	-	-
196	UNI kN/m	GY	-1.008	-	-	-	-
	UNI kN/m	GY	-0.600	-	-	-	-
235	UNI kN/m	GY	-1.008	-	-	-	-
	UNI kN/m	GY	-0.600	-	-	-	-
274	UNI kN/m	GY	-0.600	-	-	-	-
	UNI kN/m	GY	-1.008	-	-	-	-
313	UNI kN/m	GY	-0.300	-	-	-	-
	UNI kN/m	GY	-0.504	-	-	-	-
357	UNI kN/m	GY	-0.102	-	-	-	-
463	UNI kN/m	GY	-0.102	-	-	-	-
464	UNI kN/m	GY	-0.102	-	-	-	-
465	UNI kN/m	GY	-0.102	-	-	-	-
466	UNI kN/m	GY	-0.102	-	-	-	-
467	UNI kN/m	GY	-0.102	-	-	-	-
468	UNI kN/m	GY	-0.102	-	-	-	-
469	UNI kN/m	GY	-0.102	-	-	-	-

1 DL : Selfweight

Direction	Factor	Assigned Geometry
Y	-1.100	357, 359, 360, 362, 363, 365, 366, 368, 369, 371, 372, ...

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2 LL : Beam Loads

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
357	UNI kN/m	GY	-0.382	-	-	-	-
463	UNI kN/m	GY	-0.382	-	-	-	-
464	UNI kN/m	GY	-0.382	-	-	-	-
465	UNI kN/m	GY	-0.382	-	-	-	-
466	UNI kN/m	GY	-0.382	-	-	-	-
467	UNI kN/m	GY	-0.382	-	-	-	-
468	UNI kN/m	GY	-0.382	-	-	-	-
469	UNI kN/m	GY	-0.382	-	-	-	-

3 WLX+CPI : Beam Loads

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
1	UNI kN/m	GZ	-2.412	-	-	-	-
	UNI kN/m	GX	0.438	-	-	-	-
40	UNI kN/m	GX	0.876	-	-	-	-
41	UNI kN/m	GX	3.288	-	-	-	-
79	UNI kN/m	GX	0.876	-	-	-	-
80	UNI kN/m	GX	3.288	-	-	-	-
118	UNI kN/m	GX	0.876	-	-	-	-
119	UNI kN/m	GX	3.288	-	-	-	-
157	UNI kN/m	GX	0.876	-	-	-	-
158	UNI kN/m	GX	3.288	-	-	-	-
196	UNI kN/m	GX	0.876	-	-	-	-
235	UNI kN/m	GX	0.876	-	-	-	-
274	UNI kN/m	GX	0.876	-	-	-	-
313	UNI kN/m	GZ	2.412	-	-	-	-
	UNI kN/m	GX	0.438	-	-	-	-
357	UNI kN/m	Y	0.633	-	-	-	-
463	UNI kN/m	Y	0.633	-	-	-	-
464	UNI kN/m	Y	0.633	-	-	-	-
465	UNI kN/m	Y	0.633	-	-	-	-
466	UNI kN/m	Y	0.633	-	-	-	-
467	UNI kN/m	Y	0.633	-	-	-	-
468	UNI kN/m	Y	0.633	-	-	-	-
469	UNI kN/m	Y	0.633	-	-	-	-



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4 WLZ+CPI : Beam Loads

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
1	UNI kN/m	GZ	0.438	-	-	-	-
	UNI kN/m	GX	-2.193	-	-	-	-
40	UNI kN/m	GX	-4.386	-	-	-	-
41	UNI kN/m	GX	4.386	-	-	-	-
79	UNI kN/m	GX	-4.386	-	-	-	-
80	UNI kN/m	GX	4.386	-	-	-	-
118	UNI kN/m	GX	-4.386	-	-	-	-
119	UNI kN/m	GX	4.386	-	-	-	-
157	UNI kN/m	GX	-4.386	-	-	-	-
158	UNI kN/m	GX	4.386	-	-	-	-
196	UNI kN/m	GX	-4.386	-	-	-	-
235	UNI kN/m	GX	-4.386	-	-	-	-
274	UNI kN/m	GX	-4.386	-	-	-	-
313	UNI kN/m	GZ	1.320	-	-	-	-
	UNI kN/m	GX	-2.193	-	-	-	-
357	UNI kN/m	Y	0.484	-	-	-	-
463	UNI kN/m	Y	0.484	-	-	-	-
464	UNI kN/m	Y	0.484	-	-	-	-
465	UNI kN/m	Y	0.420	-	-	-	-
466	UNI kN/m	Y	0.420	-	-	-	-
467	UNI kN/m	Y	0.420	-	-	-	-
468	UNI kN/m	Y	0.420	-	-	-	-
469	UNI kN/m	Y	0.484	-	-	-	-

5 WLX-CPI : Beam Loads

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
1	UNI kN/m	GZ	-0.210	-	-	-	-
	UNI kN/m	GX	2.640	-	-	-	-
40	UNI kN/m	GX	5.280	-	-	-	-
41	UNI kN/m	GX	1.080	-	-	-	-
79	UNI kN/m	GX	5.280	-	-	-	-
80	UNI kN/m	GX	1.080	-	-	-	-
118	UNI kN/m	GX	5.280	-	-	-	-
119	UNI kN/m	GX	1.080	-	-	-	-
157	UNI kN/m	GX	5.280	-	-	-	-
158	UNI kN/m	GX	1.080	-	-	-	-
196	UNI kN/m	GX	5.280	-	-	-	-
235	UNI kN/m	GX	5.280	-	-	-	-
274	UNI kN/m	GX	5.280	-	-	-	-
313	UNI kN/m	GZ	0.210	-	-	-	-
	UNI kN/m	GX	2.640	-	-	-	-
357	UNI kN/m	Y	0.261	-	-	-	-
463	UNI kN/m	Y	0.261	-	-	-	-
464	UNI kN/m	Y	0.261	-	-	-	-
465	UNI kN/m	Y	0.261	-	-	-	-
466	UNI kN/m	Y	0.261	-	-	-	-

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5 WLX-CPI : Beam Loads Cont...

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
467	UNI kN/m	Y	0.261	-	-	-	-
468	UNI kN/m	Y	0.261	-	-	-	-
469	UNI kN/m	Y	0.261	-	-	-	-

6 WLZ-CPI : Beam Loads

Beam	Type	Direction	Fa	Da (m)	Fb	Db	Ecc. (m)
1	UNI kN/m	GZ	2.631	-	-	-	-
	UNI kN/m	GX	0.000	-	-	-	-
40	UNI kN/m	GX	0.000	-	-	-	-
41	UNI kN/m	GX	0.000	-	-	-	-
79	UNI kN/m	GX	0.000	-	-	-	-
80	UNI kN/m	GX	0.000	-	-	-	-
118	UNI kN/m	GX	0.000	-	-	-	-
119	UNI kN/m	GX	0.000	-	-	-	-
157	UNI kN/m	GX	0.000	-	-	-	-
158	UNI kN/m	GX	0.000	-	-	-	-
196	UNI kN/m	GX	0.000	-	-	-	-
235	UNI kN/m	GX	0.000	-	-	-	-
274	UNI kN/m	GX	0.000	-	-	-	-
313	UNI kN/m	GZ	1.752	-	-	-	-
	UNI kN/m	GX	0.000	-	-	-	-
357	UNI kN/m	Y	0.114	-	-	-	-
463	UNI kN/m	Y	0.114	-	-	-	-
464	UNI kN/m	Y	0.114	-	-	-	-
465	UNI kN/m	Y	0.375	-	-	-	-
466	UNI kN/m	Y	0.375	-	-	-	-
467	UNI kN/m	Y	0.375	-	-	-	-
468	UNI kN/m	Y	0.375	-	-	-	-
469	UNI kN/m	Y	0.114	-	-	-	-

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Node Displacement Summary

There is no data of this type - Analysis results are not available

Beam Displacement Detail Summary

Displacements shown in *italic* indicate the presence of an offset

	Beam	L/C	d (m)	X (mm)	Y (mm)	Z (mm)	Resultant (mm)
Max X	80	108:1.5 DL+1.5	6.300	14.916	-0.282	-0.057	14.919
Min X	627	109:1.5 DL+1.5	1.844	-13.201	-0.312	2.021	13.358
Max Y	623	110:.9 DL+1.5	6.454	2.056	8.436	9.844	13.126
Min Y	94	101:1.5 DL+1.5	1.800	-0.026	-14.194	0.001	14.194
Max Z	58	109:1.5 DL+1.5	0.000	0.000	-7.676	155.357	155.546
Min Z	1	106:1.5 DL+1.5	3.500	2.323	-0.012	-21.171	21.298
Max Rst	136	109:1.5 DL+1.5	0.000	0.000	-8.615	155.349	155.587

Beam End Displacement Summary

Displacements shown in *italic* indicate the presence of an offset

	Beam	Node	L/C	X (mm)	Y (mm)	Z (mm)	Resultant (mm)
Max X	80	48	108:1.5 DL+1.5	14.889	-0.313	-0.014	14.892
Min X	79	46	101:1.5 DL+1.5	-1.224	-0.483	-0.017	1.316
Max Y	94	58	3:WLX+CPI	4.541	3.826	-0.202	5.941
Min Y	94	58	101:1.5 DL+1.5	0.000	-14.191	0.000	14.191
Max Z	58	27	109:1.5 DL+1.5	0.000	-7.676	155.357	155.546
Min Z	12	12	110:.9 DL+1.5	3.604	0.004	-7.645	8.451
Max Rst	136	71	109:1.5 DL+1.5	0.000	-8.615	155.349	155.587



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Beam Force Detail Summary

Sign convention as diagrams:- positive above line, negative below line except Fx where positive is compression. Distance d is given from beam end A.

	Beam	L/C	d (m)	Axial	Shear		Torsion	Bending	
				Fx (kN)	Fy (kN)	Fz (kN)	Mx (kNm)	My (kNm)	Mz (kNm)
Max Fx	103	101:1.5 DL+1.5	0.000	454.923	13.799	-0.000	-0.001	0.001	-72.950
Min Fx	109	101:1.5 DL+1.5	0.000	-418.352	14.624	-0.005	-0.002	-0.000	-46.891
Max Fy	83	101:1.5 DL+1.5	0.000	397.088	64.093	-0.044	-0.008	0.066	91.245
Min Fy	106	101:1.5 DL+1.5	0.000	-351.777	-54.610	0.022	-0.011	0.020	-25.250
Max Fz	30	113:9 DL+1.5 \	0.000	-5.936	5.491	22.519	0.008	-36.641	7.961
Min Fz	12	113:9 DL+1.5 \	0.000	-5.936	-5.491	-22.519	-0.008	8.398	-3.022
Max Mx	24	113:9 DL+1.5 \	0.000	8.567	0.242	0.685	0.976	3.339	-2.314
Min Mx	4	113:9 DL+1.5 \	0.000	9.637	3.741	-5.466	-1.796	4.422	2.244
Max My	12	110:9 DL+1.5 \	2.000	-3.679	-0.478	19.417	0.002	22.373	1.190
Min My	30	109:1.5 DL+1.5	0.000	-11.566	10.420	22.517	0.014	-36.645	15.285
Max Mz	79	101:1.5 DL+1.5	7.000	209.519	-25.031	0.036	-0.000	0.249	175.214
Min Mz	80	104:1.2 DL+1.2	7.000	161.216	24.288	0.028	0.000	0.197	-201.770

Beam Combined Axial and Bending Stresses Summary

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
1	1:DL	7.000	2.538	7.000	3	-0.626	7.000	1
	2:LL	7.000	1.241	7.000	3	-0.388	7.000	1
	3:WLX+CPI	7.000	61.664	3.500	2	-63.041	3.500	4
	4:WLZ+CPI	7.000	12.030	3.500	4	-13.841	3.500	2
	5:WLX-CPI	7.000	14.846	4.083	2	-15.975	4.083	4
	6:WLZ-CPI	7.000	62.346	3.500	1	-63.828	3.500	2
	101:1.5 DL+1.5	7.000	5.668	7.000	3	-1.520	7.000	1
	102:1.2 DL+1.2	7.000	74.798	3.500	2	-72.695	3.500	4
	103:1.2 DL+1.2	7.000	17.391	3.500	4	-15.807	3.500	2
	104:1.2 DL+1.2	7.000	18.401	4.083	2	-16.072	4.083	4
	105:1.2 DL+1.2	7.000	77.621	3.500	4	-75.643	3.500	2
	106:1.5 DL+1.5	7.000	93.328	3.500	2	-91.978	3.500	4
	107:1.5 DL+1.5	7.000	20.629	3.500	4	-19.929	3.500	2
	108:1.5 DL+1.5	7.000	22.910	4.083	2	-21.278	4.083	4
	109:1.5 DL+1.5	7.000	95.916	3.500	1	-94.723	3.500	2
	110:9 DL+1.5 \	7.000	92.995	3.500	2	-93.012	3.500	4
	111:9 DL+1.5 \	7.000	19.595	3.500	4	-20.262	3.500	2
	112:9 DL+1.5 \	7.000	22.654	4.083	2	-22.352	4.083	4
	113:9 DL+1.5 \	7.000	94.883	3.500	1	-95.056	3.500	2
	201:1 DL+1 LL	7.000	3.779	7.000	3	-1.014	7.000	1
	202:1 DL+0.8 L	7.000	49.976	3.500	2	-48.119	3.500	4
4	203:1 DL+0.8 L	7.000	11.938	3.500	4	-10.427	3.500	2
	204:1 DL+0.8 L	7.000	12.353	4.083	2	-10.357	4.083	4
	205:1 DL+0.8 L	7.000	52.092	3.500	4	-50.317	3.500	2
	1:DL	1.020	1.802	0.000	3	-0.304	0.000	1
	2:LL	1.020	0.933	0.000	3	-0.153	0.000	1
	3:WLX+CPI	1.020	27.256	0.000	1	-28.044	0.000	2
	4:WLZ+CPI	1.020	4.233	1.020	1	-5.449	1.020	3



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	7.197	0.000	1	-6.735	0.000	3
	6:WLZ-CPI	1.020	12.127	0.000	2	-12.192	0.000	1
	101:1.5 DL+1.5	1.020	4.103	0.000	3	-0.685	0.000	1
	102:1.2 DL+1.2	1.020	32.315	0.000	1	-30.526	0.000	2
	103:1.2 DL+1.2	1.020	7.900	1.020	1	-6.625	1.020	3
	104:1.2 DL+1.2	1.020	8.245	0.000	1	-4.955	0.000	3
	105:1.2 DL+1.2	1.020	17.422	0.000	2	-14.764	0.000	1
	106:1.5 DL+1.5	1.020	40.564	0.000	1	-39.497	0.000	2
	107:1.5 DL+1.5	1.020	8.684	1.020	1	-8.261	1.020	3
	108:1.5 DL+1.5	1.020	10.476	0.000	1	-7.534	0.000	3
	109:1.5 DL+1.5	1.020	20.437	0.000	2	-18.286	0.000	1
	110:.9 DL+1.5 \	1.020	40.692	0.000	1	-40.525	0.000	2
	111:.9 DL+1.5 \	1.020	7.750	1.020	1	-8.226	1.020	3
	112:.9 DL+1.5 \	1.020	10.604	0.000	1	-8.561	0.000	3
	113:.9 DL+1.5 \	1.020	19.410	0.000	2	-18.158	0.000	1
	201:1 DL+1 LL	1.020	2.736	0.000	3	-0.457	0.000	1
	202:1 DL+0.8 L	1.020	21.501	0.000	1	-20.008	0.000	2
	203:1 DL+0.8 L	1.020	5.578	1.020	1	-4.428	1.020	3
	204:1 DL+0.8 L	1.020	5.498	1.020	1	-3.005	1.020	3
	205:1 DL+0.8 L	1.020	11.957	0.000	2	-9.886	0.000	1
6	1:DL	1.020	1.860	1.020	1	-0.535	1.020	3
	2:LL	1.020	0.961	1.020	1	-0.267	1.020	3
	3:WLX+CPI	1.020	3.022	0.000	1	-3.955	0.000	2
	4:WLZ+CPI	1.020	4.959	1.020	4	-6.238	1.020	2
	5:WLX-CPI	1.020	2.263	0.000	1	-2.021	0.000	3
	6:WLZ-CPI	1.020	11.104	1.020	4	-11.157	1.020	2
	101:1.5 DL+1.5	1.020	4.232	1.020	1	-1.202	1.020	3
	102:1.2 DL+1.2	1.020	6.885	0.000	1	-5.581	0.000	2
	103:1.2 DL+1.2	1.020	8.581	0.000	1	-7.693	0.000	2
	104:1.2 DL+1.2	1.020	5.974	0.000	1	-3.259	0.000	3
	105:1.2 DL+1.2	1.020	16.348	1.020	1	-13.988	1.020	3
	106:1.5 DL+1.5	1.020	7.223	0.000	1	-6.635	0.000	2
	107:1.5 DL+1.5	1.020	9.343	0.000	1	-9.274	0.000	2
	108:1.5 DL+1.5	1.020	6.085	0.000	1	-3.733	0.000	3
	109:1.5 DL+1.5	1.020	18.993	1.020	1	-17.086	1.020	3
	110:.9 DL+1.5 \	1.020	6.147	0.000	1	-6.354	0.000	2
	111:.9 DL+1.5 \	1.020	8.267	0.000	1	-8.994	0.000	2
	112:.9 DL+1.5 \	1.020	5.009	0.000	1	-3.452	0.000	3
	113:.9 DL+1.5 \	1.020	17.877	1.020	1	-16.765	1.020	3
	201:1 DL+1 LL	1.020	2.821	1.020	1	-0.802	1.020	3
	202:1 DL+0.8 L	1.020	4.948	0.000	1	-3.814	0.000	3
	203:1 DL+0.8 L	1.020	6.084	1.020	1	-5.227	1.020	3
	204:1 DL+0.8 L	1.020	4.342	0.000	1	-2.267	0.000	3
	205:1 DL+0.8 L	1.020	11.270	1.020	1	-9.432	1.020	3
7	1:DL	1.020	0.759	1.020	3			
	2:LL	1.020	0.384	1.020	3			
	3:WLX+CPI	1.020	0.022	0.000	1	-0.993	0.000	2
	4:WLZ+CPI	1.020	4.951	0.000	1	-6.228	0.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	0.388	0.000	1	-0.356	0.000	3
	6:WLZ-CPI	1.020	11.982	1.020	1	-12.013	1.020	3
	101:1.5 DL+1.5	1.020	1.715	1.020	3			
	102:1.2 DL+1.2	1.020	1.140	1.020	4	-0.422	1.020	2
	103:1.2 DL+1.2	1.020	7.052	1.020	4	-6.701	1.020	2
	104:1.2 DL+1.2	1.020	1.630	1.020	3			
	105:1.2 DL+1.2	1.020	15.542	1.020	4	-13.695	1.020	2
	106:1.5 DL+1.5	1.020	0.848	1.020	4	-0.766	1.020	2
	107:1.5 DL+1.5	1.020	8.238	1.020	4	-8.616	1.020	2
	108:1.5 DL+1.5	1.020	1.461	1.020	3			
	109:1.5 DL+1.5	1.020	18.851	1.020	4	-17.358	1.020	2
	110:.9 DL+1.5 \	1.020	0.393	1.020	4	-0.926	1.020	2
	111:.9 DL+1.5 \	1.020	7.782	1.020	4	-8.776	1.020	2
	112:.9 DL+1.5 \	1.020	1.006	1.020	3	-0.036	1.020	1
	113:.9 DL+1.5 \	1.020	18.395	1.020	4	-17.518	1.020	2
	201:1 DL+1 LL	1.020	1.143	1.020	3			
	202:1 DL+0.8 L	1.020	0.912	1.020	4	-0.228	1.020	2
	203:1 DL+0.8 L	1.020	4.853	1.020	4	-4.414	1.020	2
	204:1 DL+0.8 L	1.020	1.239	1.020	3			
	205:1 DL+0.8 L	1.020	10.513	1.020	4	-9.077	1.020	2
8	1:DL	1.020	2.407	0.000	3	-1.118	0.000	1
	2:LL	1.020	1.220	0.000	3	-0.542	0.000	1
	3:WLX+CPI	1.020	0.106	0.000	1	-1.368	0.000	3
	4:WLZ+CPI	1.020	5.436	0.000	1	-6.984	0.000	2
	5:WLX-CPI	1.020	0.582	1.020	3	-0.683	1.020	1
	6:WLZ-CPI	1.020	12.250	0.000	1	-12.353	0.000	2
	101:1.5 DL+1.5	1.020	5.440	0.000	3	-2.490	0.000	1
	102:1.2 DL+1.2	1.020	2.810	0.000	3	-1.964	0.000	1
	103:1.2 DL+1.2	1.020	8.989	0.000	1	-8.486	0.000	2
	104:1.2 DL+1.2	1.020	4.564	0.000	3	-2.325	0.000	1
	105:1.2 DL+1.2	1.020	18.305	0.000	1	-16.069	0.000	2
	106:1.5 DL+1.5	1.020	1.683	0.000	3	-1.641	0.000	1
	107:1.5 DL+1.5	1.020	9.407	0.000	1	-9.794	0.000	2
	108:1.5 DL+1.5	1.020	3.876	0.000	3	-2.092	0.000	1
	109:1.5 DL+1.5	1.020	21.052	0.000	1	-19.273	0.000	2
	110:.9 DL+1.5 \	1.020	0.466	1.020	4	-1.198	1.020	2
	111:.9 DL+1.5 \	1.020	7.962	0.000	1	-9.124	0.000	2
	112:.9 DL+1.5 \	1.020	2.432	0.000	3	-1.422	0.000	1
	113:.9 DL+1.5 \	1.020	19.608	0.000	1	-18.602	0.000	2
	201:1 DL+1 LL	1.020	3.627	0.000	3	-1.660	0.000	1
	202:1 DL+0.8 L	1.020	2.355	0.000	3	-1.533	0.000	1
	203:1 DL+0.8 L	1.020	6.474	0.000	1	-5.881	0.000	2
	204:1 DL+0.8 L	1.020	3.524	0.000	3	-1.773	0.000	1
	205:1 DL+0.8 L	1.020	12.685	0.000	1	-10.936	0.000	2
9	1:DL	1.020	2.144	1.020	1	-0.893	1.020	3
	2:LL	1.020	1.100	1.020	1	-0.442	1.020	3
	3:WLX+CPI	1.020	0.553	1.020	4	-1.863	1.020	2
	4:WLZ+CPI	1.020	5.404	1.020	4	-7.039	1.020	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	0.627	1.020	3	-0.703	1.020	1
	6:WLZ-CPI	1.020	12.063	1.020	4	-12.196	1.020	2
	101:1.5 DL+1.5	1.020	4.865	1.020	1	-2.002	1.020	3
	102:1.2 DL+1.2	1.020	1.782	1.020	1	-1.065	1.020	3
	103:1.2 DL+1.2	1.020	8.385	1.020	1	-8.058	1.020	3
	104:1.2 DL+1.2	1.020	3.056	1.020	1	-0.858	1.020	3
	105:1.2 DL+1.2	1.020	17.828	1.020	1	-15.697	1.020	3
	106:1.5 DL+1.5	1.020	0.580	1.020	1	-0.669	1.020	3
	107:1.5 DL+1.5	1.020	8.834	1.020	1	-9.410	1.020	3
	108:1.5 DL+1.5	1.020	2.172	1.020	1	-0.410	1.020	3
	109:1.5 DL+1.5	1.020	20.636	1.020	1	-18.959	1.020	3
	110:.9 DL+1.5 \	1.020	0.221	0.000	3	-1.061	0.000	1
	111:.9 DL+1.5 \	1.020	7.725	0.000	1	-9.052	0.000	2
	112:.9 DL+1.5 \	1.020	0.949	0.000	1			
	113:.9 DL+1.5 \	1.020	19.351	1.020	1	-18.425	1.020	3
	201:1 DL+1 LL	1.020	3.243	1.020	1	-1.335	1.020	3
	202:1 DL+0.8 L	1.020	1.617	1.020	1	-0.888	1.020	3
	203:1 DL+0.8 L	1.020	6.019	1.020	1	-5.550	1.020	3
	204:1 DL+0.8 L	1.020	2.466	1.020	1	-0.750	1.020	3
	205:1 DL+0.8 L	1.020	12.313	1.020	1	-10.643	1.020	3
10	1:DL	2.000	1.149	0.000	1	-2.405	0.000	3
	2:LL	2.000	0.575	0.000	1	-1.230	0.000	3
	3:WLX+CPI	2.000	44.250	2.000	1	-43.889	2.000	2
	4:WLZ+CPI	2.000	12.967	2.000	4	-13.145	2.000	2
	5:WLX-CPI	2.000	4.555	2.000	1	-4.471	2.000	3
	6:WLZ-CPI	2.000	4.663	0.000	1	-4.632	0.000	2
	101:1.5 DL+1.5	2.000	2.585	0.000	1	-5.453	0.000	3
	102:1.2 DL+1.2	2.000	52.291	2.000	1	-54.153	2.000	2
	103:1.2 DL+1.2	2.000	15.243	2.000	1	-17.751	2.000	3
	104:1.2 DL+1.2	2.000	6.802	2.000	1	-8.995	2.000	3
	105:1.2 DL+1.2	2.000	6.915	0.000	1	-9.173	0.000	2
	106:1.5 DL+1.5	2.000	64.803	2.000	1	-66.147	2.000	2
	107:1.5 DL+1.5	2.000	18.492	2.000	1	-20.644	2.000	3
	108:1.5 DL+1.5	2.000	7.942	2.000	1	-9.699	2.000	3
	109:1.5 DL+1.5	2.000	7.837	0.000	1	-9.677	0.000	2
	110:.9 DL+1.5 \	2.000	64.515	2.000	1	-65.105	2.000	2
	111:.9 DL+1.5 \	2.000	18.049	2.000	1	-19.447	2.000	2
	112:.9 DL+1.5 \	2.000	7.498	2.000	1	-8.502	2.000	3
	113:.9 DL+1.5 \	2.000	7.194	0.000	1	-8.280	0.000	2
	201:1 DL+1 LL	2.000	1.723	0.000	1	-3.635	0.000	3
	202:1 DL+0.8 L	2.000	35.009	2.000	1	-36.501	2.000	3
	203:1 DL+0.8 L	2.000	10.310	2.000	1	-12.233	2.000	3
	204:1 DL+0.8 L	2.000	4.683	2.000	1	-6.396	2.000	3
	205:1 DL+0.8 L	2.000	4.824	0.000	1	-6.581	0.000	2
11	1:DL	0.400	5.036	0.000	1			
	2:LL	0.400	2.567	0.000	1			
	3:WLX+CPI	0.400				-4.665	0.000	1
	4:WLZ+CPI	0.400				-3.443	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	0.400				-2.381	0.000	1
	6:WLZ-CPI	0.400				-0.713	0.000	1
	101:1.5 DL+1.5	0.400	11.404	0.000	1			
	102:1.2 DL+1.2	0.400	3.525	0.000	1			
	103:1.2 DL+1.2	0.400	4.991	0.000	1			
	104:1.2 DL+1.2	0.400	6.266	0.000	1			
	105:1.2 DL+1.2	0.400	8.268	0.000	1			
	106:1.5 DL+1.5	0.400	0.557	0.000	1			
	107:1.5 DL+1.5	0.400	2.389	0.000	1			
	108:1.5 DL+1.5	0.400	3.982	0.000	1			
	109:1.5 DL+1.5	0.400	6.485	0.000	1			
	110:.9 DL+1.5 \	0.400				-2.465	0.000	1
	111:.9 DL+1.5 \	0.400				-0.633	0.000	1
	112:.9 DL+1.5 \	0.400	0.961	0.000	1			
	113:.9 DL+1.5 \	0.400	3.463	0.000	1			
	201:1 DL+1 LL	0.400	7.602	0.000	1			
	202:1 DL+0.8 L	0.400	3.357	0.000	1			
	203:1 DL+0.8 L	0.400	4.335	0.000	1			
	204:1 DL+0.8 L	0.400	5.184	0.000	1			
	205:1 DL+0.8 L	0.400	6.519	0.000	1			
12	1:DL	2.000	3.477	2.000	3	-4.695	2.000	1
	2:LL	2.000	1.738	2.000	3	-2.377	2.000	1
	3:WLX+CPI	2.000	63.237	2.000	2	-62.824	2.000	1
	4:WLZ+CPI	2.000	28.103	2.000	1	-28.191	2.000	3
	5:WLX-CPI	2.000	5.718	2.000	2	-5.433	2.000	1
	6:WLZ-CPI	2.000	100.406	2.000	1	-100.188	2.000	2
	101:1.5 DL+1.5	2.000	7.823	2.000	3	-10.608	2.000	1
	102:1.2 DL+1.2	2.000	76.829	2.000	2	-78.563	2.000	1
	103:1.2 DL+1.2	2.000	34.962	2.000	4	-37.296	2.000	2
	104:1.2 DL+1.2	2.000	12.942	2.000	3	-14.829	2.000	1
	105:1.2 DL+1.2	2.000	125.136	2.000	4	-127.104	2.000	2
	106:1.5 DL+1.5	2.000	93.472	2.000	2	-94.681	2.000	1
	107:1.5 DL+1.5	2.000	41.095	2.000	4	-43.055	2.000	2
	108:1.5 DL+1.5	2.000	13.612	2.000	3	-15.014	2.000	1
	109:1.5 DL+1.5	2.000	153.813	2.000	1	-155.315	2.000	2
	110:.9 DL+1.5 \	2.000	91.420	2.000	2	-91.898	2.000	1
	111:.9 DL+1.5 \	2.000	39.009	2.000	1	-40.238	2.000	2
	112:.9 DL+1.5 \	2.000	11.561	2.000	3	-12.231	2.000	1
	113:.9 DL+1.5 \	2.000	151.727	2.000	1	-152.498	2.000	2
	201:1 DL+1 LL	2.000	5.215	2.000	3	-7.072	2.000	1
	202:1 DL+0.8 L	2.000	51.903	2.000	3	-53.303	2.000	1
	203:1 DL+0.8 L	2.000	24.004	2.000	4	-25.803	2.000	2
	204:1 DL+0.8 L	2.000	9.312	2.000	3	-10.814	2.000	1
	205:1 DL+0.8 L	2.000	84.119	2.000	4	-85.675	2.000	2
13	1:DL	0.800	10.228	0.000	1			
	2:LL	0.800	5.197	0.000	1			
	3:WLX+CPI	0.800				-8.153	0.000	1
	4:WLZ+CPI	0.800				-6.427	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	0.800				-3.454	0.000	1
	6:WLZ-CPI	0.800				-1.532	0.000	1
	101:1.5 DL+1.5	0.800	23.138	0.000	1			
	102:1.2 DL+1.2	0.800	8.726	0.000	1			
	103:1.2 DL+1.2	0.800	10.797	0.000	1			
	104:1.2 DL+1.2	0.800	14.365	0.000	1			
	105:1.2 DL+1.2	0.800	16.672	0.000	1			
	106:1.5 DL+1.5	0.800	3.112	0.000	1			
	107:1.5 DL+1.5	0.800	5.700	0.000	1			
	108:1.5 DL+1.5	0.800	10.160	0.000	1			
	109:1.5 DL+1.5	0.800	13.044	0.000	1			
	110:.9 DL+1.5 \	0.800				-3.025	0.000	1
	111:.9 DL+1.5 \	0.800				-0.436	0.000	1
	112:.9 DL+1.5 \	0.800	4.024	0.000	1			
	113:.9 DL+1.5 \	0.800	6.907	0.000	1			
	201:1 DL+1 LL	0.800	15.425	0.000	1			
	202:1 DL+0.8 L	0.800	7.863	0.000	1			
	203:1 DL+0.8 L	0.800	9.244	0.000	1			
	204:1 DL+0.8 L	0.800	11.622	0.000	1			
	205:1 DL+0.8 L	0.800	13.160	0.000	1			
14	1:DL	2.000	3.620	0.000	3	-4.552	0.000	1
	2:LL	2.000	1.810	0.000	3	-2.305	0.000	1
	3:WLX+CPI	2.000	63.174	0.000	2	-62.887	0.000	1
	4:WLZ+CPI	2.000	28.037	0.000	1	-28.258	0.000	2
	5:WLX-CPI	2.000	5.800	0.000	2	-5.352	0.000	1
	6:WLZ-CPI	2.000	100.377	0.000	1	-100.217	0.000	2
	101:1.5 DL+1.5	2.000	8.146	0.000	3	-10.285	0.000	1
	102:1.2 DL+1.2	2.000	77.013	0.000	2	-78.379	0.000	1
	103:1.2 DL+1.2	2.000	35.141	0.000	1	-37.118	0.000	2
	104:1.2 DL+1.2	2.000	13.299	0.000	3	-14.472	0.000	1
	105:1.2 DL+1.2	2.000	125.361	0.000	1	-126.879	0.000	2
	106:1.5 DL+1.5	2.000	93.593	0.000	2	-94.560	0.000	1
	107:1.5 DL+1.5	2.000	41.210	0.000	1	-42.940	0.000	2
	108:1.5 DL+1.5	2.000	13.950	0.000	2	-14.676	0.000	1
	109:1.5 DL+1.5	2.000	153.985	0.000	1	-155.142	0.000	2
	110:.9 DL+1.5 \	2.000	91.455	0.000	2	-91.863	0.000	1
	111:.9 DL+1.5 \	2.000	39.038	0.000	1	-40.209	0.000	2
	112:.9 DL+1.5 \	2.000	11.813	0.000	2	-11.979	0.000	1
	113:.9 DL+1.5 \	2.000	151.813	0.000	1	-152.411	0.000	2
	201:1 DL+1 LL	2.000	5.431	0.000	3	-6.857	0.000	1
	202:1 DL+0.8 L	2.000	52.054	0.000	2	-53.152	0.000	1
	203:1 DL+0.8 L	2.000	24.151	0.000	1	-25.656	0.000	2
	204:1 DL+0.8 L	2.000	9.578	0.000	3	-10.547	0.000	1
	205:1 DL+0.8 L	2.000	84.298	0.000	1	-85.497	0.000	2
15	1:DL	1.200	21.143	0.000	1			
	2:LL	1.200	10.719	0.000	1			
	3:WLX+CPI	1.200				-14.753	0.000	1
	4:WLZ+CPI	1.200				-12.285	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.200				-4.395	0.000	1
	6:WLZ-CPI	1.200				-3.242	0.000	1
	101:1.5 DL+1.5	1.200	47.793	0.000	1			
	102:1.2 DL+1.2	1.200	20.531	0.000	1			
	103:1.2 DL+1.2	1.200	23.492	0.000	1			
	104:1.2 DL+1.2	1.200	32.960	0.000	1			
	105:1.2 DL+1.2	1.200	34.344	0.000	1			
	106:1.5 DL+1.5	1.200	9.586	0.000	1			
	107:1.5 DL+1.5	1.200	13.287	0.000	1			
	108:1.5 DL+1.5	1.200	25.122	0.000	1			
	109:1.5 DL+1.5	1.200	26.852	0.000	1			
	110:.9 DL+1.5 \	1.200				-3.100	0.000	1
	111:.9 DL+1.5 \	1.200	0.602	0.000	1			
	112:.9 DL+1.5 \	1.200	12.436	0.000	1			
	113:.9 DL+1.5 \	1.200	14.166	0.000	1			
	201:1 DL+1 LL	1.200	31.862	0.000	1			
	202:1 DL+0.8 L	1.200	17.916	0.000	1			
	203:1 DL+0.8 L	1.200	19.890	0.000	1			
	204:1 DL+0.8 L	1.200	26.202	0.000	1			
	205:1 DL+0.8 L	1.200	27.125	0.000	1			
16	1:DL	2.000	2.016	2.000	1	-3.066	2.000	3
	2:LL	2.000	1.011	2.000	1	-1.566	2.000	3
	3:WLX+CPI	2.000	50.995	2.000	1	-50.687	2.000	2
	4:WLZ+CPI	2.000	20.095	0.000	1	-20.267	0.000	2
	5:WLX-CPI	2.000	5.732	2.000	4	-5.225	2.000	2
	6:WLZ-CPI	2.000	47.105	0.000	1	-46.930	0.000	2
	101:1.5 DL+1.5	2.000	4.541	2.000	1	-6.949	2.000	3
	102:1.2 DL+1.2	2.000	61.181	2.000	1	-62.738	2.000	2
	103:1.2 DL+1.2	2.000	23.529	0.000	1	-25.662	0.000	2
	104:1.2 DL+1.2	2.000	9.168	2.000	1	-10.486	2.000	3
	105:1.2 DL+1.2	2.000	57.561	0.000	1	-59.277	0.000	2
	106:1.5 DL+1.5	2.000	75.000	2.000	1	-76.114	2.000	2
	107:1.5 DL+1.5	2.000	28.790	0.000	1	-30.624	0.000	2
	108:1.5 DL+1.5	2.000	9.985	2.000	1	-10.800	2.000	3
	109:1.5 DL+1.5	2.000	71.330	0.000	1	-72.643	0.000	2
	110:.9 DL+1.5 \	2.000	73.825	2.000	1	-74.309	2.000	2
	111:.9 DL+1.5 \	2.000	28.453	0.000	1	-29.657	0.000	2
	112:.9 DL+1.5 \	2.000	8.809	2.000	1	-8.995	2.000	3
	113:.9 DL+1.5 \	2.000	70.834	0.000	1	-71.517	0.000	2
	201:1 DL+1 LL	2.000	3.027	2.000	1	-4.632	2.000	3
	202:1 DL+0.8 L	2.000	41.179	2.000	1	-42.427	2.000	3
	203:1 DL+0.8 L	2.000	15.851	0.000	1	-17.483	0.000	2
	204:1 DL+0.8 L	2.000	6.504	2.000	1	-7.593	2.000	3
	205:1 DL+0.8 L	2.000	38.539	0.000	1	-39.894	0.000	2
17	1:DL	1.600	9.548	0.000	1			
	2:LL	1.600	4.833	0.000	1			
	3:WLX+CPI	1.600				-6.516	0.000	1
	4:WLZ+CPI	1.600				-5.283	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

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			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.600				-2.318	0.000	1
	6:WLZ-CPI	1.600				-1.478	0.000	1
	101:1.5 DL+1.5	1.600	21.572	0.000	1			
	102:1.2 DL+1.2	1.600	9.439	0.000	1			
	103:1.2 DL+1.2	1.600	10.918	0.000	1			
	104:1.2 DL+1.2	1.600	14.476	0.000	1			
	105:1.2 DL+1.2	1.600	15.485	0.000	1			
	106:1.5 DL+1.5	1.600	4.548	0.000	1			
	107:1.5 DL+1.5	1.600	6.398	0.000	1			
	108:1.5 DL+1.5	1.600	10.845	0.000	1			
	109:1.5 DL+1.5	1.600	12.106	0.000	1			
	110:.9 DL+1.5 \	1.600				-1.181	0.000	1
	111:.9 DL+1.5 \	1.600	0.669	0.000	1			
	112:.9 DL+1.5 \	1.600	5.116	0.000	1			
	113:.9 DL+1.5 \	1.600	6.377	0.000	1			
	201:1 DL+1 LL	1.600	14.382	0.000	1			
	202:1 DL+0.8 L	1.600	8.202	0.000	1			
	203:1 DL+0.8 L	1.600	9.189	0.000	1			
	204:1 DL+0.8 L	1.600	11.560	0.000	1			
	205:1 DL+0.8 L	1.600	12.233	0.000	1			
18	1:DL	2.000	2.016	0.000	1	-3.066	0.000	3
	2:LL	2.000	1.011	0.000	1	-1.566	0.000	3
	3:WLX+CPI	2.000	50.316	0.000	1	-50.161	0.000	2
	4:WLZ+CPI	2.000	20.095	2.000	4	-20.267	2.000	2
	5:WLX-CPI	2.000	4.284	0.000	1	-3.934	0.000	2
	6:WLZ-CPI	2.000	47.105	2.000	1	-46.930	2.000	2
	101:1.5 DL+1.5	2.000	4.541	0.000	1	-6.949	0.000	3
	102:1.2 DL+1.2	2.000	60.366	0.000	1	-62.106	0.000	2
	103:1.2 DL+1.2	2.000	23.529	2.000	1	-25.662	2.000	3
	104:1.2 DL+1.2	2.000	7.430	0.000	1	-8.937	0.000	2
	105:1.2 DL+1.2	2.000	57.561	2.000	1	-59.277	2.000	2
	106:1.5 DL+1.5	2.000	73.982	0.000	1	-75.325	0.000	2
	107:1.5 DL+1.5	2.000	28.790	2.000	1	-30.624	2.000	3
	108:1.5 DL+1.5	2.000	7.812	0.000	1	-8.863	0.000	2
	109:1.5 DL+1.5	2.000	71.330	2.000	1	-72.643	2.000	2
	110:.9 DL+1.5 \	2.000	72.807	0.000	1	-73.519	0.000	2
	111:.9 DL+1.5 \	2.000	28.453	2.000	1	-29.657	2.000	2
	112:.9 DL+1.5 \	2.000	6.637	0.000	1	-7.058	0.000	2
	113:.9 DL+1.5 \	2.000	70.834	2.000	1	-71.517	2.000	2
	201:1 DL+1 LL	2.000	3.027	0.000	1	-4.632	0.000	3
	202:1 DL+0.8 L	2.000	40.636	0.000	1	-42.006	0.000	2
19	203:1 DL+0.8 L	2.000	15.851	2.000	1	-17.483	2.000	3
	204:1 DL+0.8 L	2.000	5.345	0.000	1	-6.560	0.000	2
	205:1 DL+0.8 L	2.000	38.539	2.000	1	-39.894	2.000	3
	1:DL	2.000	4.689	0.000	1			
	2:LL	2.000	2.355	0.000	1			
	3:WLX+CPI	2.000				-2.229	0.000	1
	4:WLZ+CPI	2.000				-1.836	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000				-1.097	0.000	1
	6:WLZ-CPI	2.000				-0.764	0.000	1
	101:1.5 DL+1.5	2.000	10.565	0.000	1			
	102:1.2 DL+1.2	2.000	5.777	0.000	1			
	103:1.2 DL+1.2	2.000	6.249	0.000	1			
	104:1.2 DL+1.2	2.000	7.136	0.000	1			
	105:1.2 DL+1.2	2.000	7.536	0.000	1			
	106:1.5 DL+1.5	2.000	3.690	0.000	1			
	107:1.5 DL+1.5	2.000	4.279	0.000	1			
	108:1.5 DL+1.5	2.000	5.388	0.000	1			
	109:1.5 DL+1.5	2.000	5.888	0.000	1			
	110:.9 DL+1.5 \	2.000	0.877	0.000	1			
	111:.9 DL+1.5 \	2.000	1.466	0.000	1			
	112:.9 DL+1.5 \	2.000	2.575	0.000	1			
	113:.9 DL+1.5 \	2.000	3.074	0.000	1			
	201:1 DL+1 LL	2.000	7.043	0.000	1			
	202:1 DL+0.8 L	2.000	4.789	0.000	1			
	203:1 DL+0.8 L	2.000	5.104	0.000	1			
	204:1 DL+0.8 L	2.000	5.695	0.000	1			
	205:1 DL+0.8 L	2.000	5.962	0.000	1			
20	1:DL	2.040	0.422	0.000	1			
	2:LL	2.040	0.189	0.000	1			
	3:WLX+CPI	2.040	0.677	0.000	1			
	4:WLZ+CPI	2.040				-0.011	0.000	1
	5:WLX-CPI	2.040	2.015	0.000	1			
	6:WLZ-CPI	2.040				-0.283	0.000	1
	101:1.5 DL+1.5	2.040	0.916	0.000	1			
	102:1.2 DL+1.2	2.040	1.545	0.000	1			
	103:1.2 DL+1.2	2.040	0.720	0.000	1			
	104:1.2 DL+1.2	2.040	3.151	0.000	1			
	105:1.2 DL+1.2	2.040	0.394	0.000	1			
	106:1.5 DL+1.5	2.040	1.647	0.000	1			
	107:1.5 DL+1.5	2.040	0.617	0.000	1			
	108:1.5 DL+1.5	2.040	3.655	0.000	1			
	109:1.5 DL+1.5	2.040	0.209	0.000	1			
	110:.9 DL+1.5 \	2.040	1.394	0.000	1			
	111:.9 DL+1.5 \	2.040	0.364	0.000	1			
	112:.9 DL+1.5 \	2.040	3.402	0.000	1			
	113:.9 DL+1.5 \	2.040				-0.044	0.000	1
	201:1 DL+1 LL	2.040	0.611	0.000	1			
	202:1 DL+0.8 L	2.040	1.114	0.000	1			
21	203:1 DL+0.8 L	2.040	0.565	0.000	1			
	204:1 DL+0.8 L	2.040	2.185	0.000	1			
	205:1 DL+0.8 L	2.040	0.347	0.000	1			
	1:DL	2.154	3.276	0.000	1			
	2:LL	2.154	1.643	0.000	1			
	3:WLX+CPI	2.154				-1.435	0.000	1
	4:WLZ+CPI	2.154				-1.526	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.154	1.863	0.000	1			
	6:WLZ-CPI	2.154				-0.651	0.000	1
	101:1.5 DL+1.5	2.154	7.377	0.000	1			
	102:1.2 DL+1.2	2.154	4.180	0.000	1			
	103:1.2 DL+1.2	2.154	4.070	0.000	1			
	104:1.2 DL+1.2	2.154	8.137	0.000	1			
	105:1.2 DL+1.2	2.154	5.120	0.000	1			
	106:1.5 DL+1.5	2.154	2.761	0.000	1			
	107:1.5 DL+1.5	2.154	2.624	0.000	1			
	108:1.5 DL+1.5	2.154	7.707	0.000	1			
	109:1.5 DL+1.5	2.154	3.936	0.000	1			
	110:.9 DL+1.5 \	2.154	0.796	0.000	1			
	111:.9 DL+1.5 \	2.154	0.658	0.000	1			
	112:.9 DL+1.5 \	2.154	5.742	0.000	1			
	113:.9 DL+1.5 \	2.154	1.971	0.000	1			
	201:1 DL+1 LL	2.154	4.918	0.000	1			
	202:1 DL+0.8 L	2.154	3.442	0.000	1			
	203:1 DL+0.8 L	2.154	3.368	0.000	1			
	204:1 DL+0.8 L	2.154	6.080	0.000	1			
	205:1 DL+0.8 L	2.154	4.069	0.000	1			
22	1:DL	2.332				-1.471	0.000	1
	2:LL	2.332				-0.744	0.000	1
	3:WLX+CPI	2.332	0.258	0.000	1			
	4:WLZ+CPI	2.332	0.618	0.000	1			
	5:WLX-CPI	2.332	0.729	0.000	1			
	6:WLZ-CPI	2.332	0.186	0.000	1			
	101:1.5 DL+1.5	2.332				-3.323	0.000	1
	102:1.2 DL+1.2	2.332				-2.348	0.000	1
	103:1.2 DL+1.2	2.332				-1.916	0.000	1
	104:1.2 DL+1.2	2.332				-1.783	0.000	1
	105:1.2 DL+1.2	2.332				-2.435	0.000	1
	106:1.5 DL+1.5	2.332				-1.819	0.000	1
	107:1.5 DL+1.5	2.332				-1.279	0.000	1
	108:1.5 DL+1.5	2.332				-1.113	0.000	1
	109:1.5 DL+1.5	2.332				-1.928	0.000	1
	110:.9 DL+1.5 \	2.332				-0.937	0.000	1
	111:.9 DL+1.5 \	2.332				-0.397	0.000	1
	112:.9 DL+1.5 \	2.332				-0.230	0.000	1
	113:.9 DL+1.5 \	2.332				-1.045	0.000	1
	201:1 DL+1 LL	2.332				-2.215	0.000	1
	202:1 DL+0.8 L	2.332				-1.860	0.000	1
	203:1 DL+0.8 L	2.332				-1.572	0.000	1
	204:1 DL+0.8 L	2.332				-1.483	0.000	1
	205:1 DL+0.8 L	2.332				-1.917	0.000	1
23	1:DL	2.561				-0.241	0.000	1
	2:LL	2.561				-0.119	0.000	1
	3:WLX+CPI	2.561				-1.186	0.000	1
	4:WLZ+CPI	2.561				-0.177	0.000	1



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Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.561				-1.111	0.000	1
	6:WLZ-CPI	2.561	0.038	0.000	1			
	101:1.5 DL+1.5	2.561				-0.541	0.000	1
	102:1.2 DL+1.2	2.561				-1.856	0.000	1
	103:1.2 DL+1.2	2.561				-0.645	0.000	1
	104:1.2 DL+1.2	2.561				-1.766	0.000	1
	105:1.2 DL+1.2	2.561				-0.387	0.000	1
	106:1.5 DL+1.5	2.561				-2.141	0.000	1
	107:1.5 DL+1.5	2.561				-0.627	0.000	1
	108:1.5 DL+1.5	2.561				-2.028	0.000	1
	109:1.5 DL+1.5	2.561				-0.305	0.000	1
	110:.9 DL+1.5 \	2.561				-1.996	0.000	1
	111:.9 DL+1.5 \	2.561				-0.482	0.000	1
	112:.9 DL+1.5 \	2.561				-1.883	0.000	1
	113:.9 DL+1.5 \	2.561				-0.160	0.000	1
	201:1 DL+1 LL	2.561				-0.360	0.000	1
	202:1 DL+0.8 L	2.561				-1.285	0.000	1
	203:1 DL+0.8 L	2.561				-0.478	0.000	1
	204:1 DL+0.8 L	2.561				-1.225	0.000	1
	205:1 DL+0.8 L	2.561				-0.306	0.000	1
24	1:DL	1.020	1.860	1.020	1	-0.535	1.020	3
	2:LL	1.020	0.961	1.020	1	-0.267	1.020	3
	3:WLX+CPI	1.020	4.020	0.000	2	-5.124	0.000	1
	4:WLZ+CPI	1.020	4.959	1.020	3	-6.238	1.020	1
	5:WLX-CPI	1.020	3.220	0.000	3	-3.525	0.000	1
	6:WLZ-CPI	1.020	11.104	1.020	3	-11.157	1.020	1
	101:1.5 DL+1.5	1.020	4.232	1.020	1	-1.202	1.020	3
	102:1.2 DL+1.2	1.020	4.340	0.000	2	-3.242	0.000	1
	103:1.2 DL+1.2	1.020	8.581	0.000	2	-7.693	0.000	1
	104:1.2 DL+1.2	1.020	3.027	0.000	3	-0.970	0.000	1
	105:1.2 DL+1.2	1.020	16.348	1.020	2	-13.988	1.020	4
	106:1.5 DL+1.5	1.020	5.327	0.000	2	-4.996	0.000	1
	107:1.5 DL+1.5	1.020	9.343	0.000	2	-9.274	0.000	1
	108:1.5 DL+1.5	1.020	4.127	0.000	3	-2.597	0.000	1
	109:1.5 DL+1.5	1.020	18.993	1.020	2	-17.086	1.020	4
	110:.9 DL+1.5 \	1.020	5.608	0.000	2	-6.072	0.000	1
	111:.9 DL+1.5 \	1.020	8.267	0.000	2	-8.994	0.000	1
	112:.9 DL+1.5 \	1.020	4.408	0.000	3	-3.673	0.000	1
	113:.9 DL+1.5 \	1.020	17.877	1.020	2	-16.765	1.020	4
	201:1 DL+1 LL	1.020	2.821	1.020	1	-0.802	1.020	3
	202:1 DL+0.8 L	1.020	3.252	0.000	2	-2.255	0.000	1
	203:1 DL+0.8 L	1.020	6.084	1.020	2	-5.227	1.020	4
	204:1 DL+0.8 L	1.020	1.924	0.000	2	-0.288	0.000	1
	205:1 DL+0.8 L	1.020	11.270	1.020	2	-9.432	1.020	4
25	1:DL	1.020	0.759	1.020	3			
	2:LL	1.020	0.384	1.020	3			
	3:WLX+CPI	1.020				-0.896	1.020	4
	4:WLZ+CPI	1.020	4.951	0.000	2	-6.228	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	0.457	0.000	3	-0.431	0.000	1
	6:WLZ-CPI	1.020	11.982	1.020	2	-12.013	1.020	4
	101:1.5 DL+1.5	1.020	1.715	1.020	3			
	102:1.2 DL+1.2	1.020	1.163	0.000	2	-0.427	0.000	1
	103:1.2 DL+1.2	1.020	7.052	1.020	3	-6.701	1.020	1
	104:1.2 DL+1.2	1.020	1.880	0.000	1			
	105:1.2 DL+1.2	1.020	15.542	1.020	3	-13.695	1.020	1
	106:1.5 DL+1.5	1.020	0.892	0.000	2	-0.788	0.000	1
	107:1.5 DL+1.5	1.020	8.238	1.020	3	-8.616	1.020	1
	108:1.5 DL+1.5	1.020	1.789	0.000	3	-0.212	0.000	1
	109:1.5 DL+1.5	1.020	18.851	1.020	3	-17.358	1.020	1
	110:.9 DL+1.5 \	1.020	0.451	0.000	2	-0.962	0.000	1
	111:.9 DL+1.5 \	1.020	7.782	1.020	3	-8.776	1.020	1
	112:.9 DL+1.5 \	1.020	1.347	0.000	3	-0.386	0.000	1
	113:.9 DL+1.5 \	1.020	18.395	1.020	3	-17.518	1.020	1
	201:1 DL+1 LL	1.020	1.143	1.020	3			
	202:1 DL+0.8 L	1.020	0.923	0.000	2	-0.227	0.000	1
	203:1 DL+0.8 L	1.020	4.853	1.020	3	-4.414	1.020	1
	204:1 DL+0.8 L	1.020	1.401	0.000	1			
	205:1 DL+0.8 L	1.020	10.513	1.020	3	-9.077	1.020	1
26	1:DL	1.020	2.407	0.000	3	-1.118	0.000	1
	2:LL	1.020	1.220	0.000	3	-0.542	0.000	1
	3:WLX+CPI	1.020	0.651	0.000	1	-1.864	0.000	3
	4:WLZ+CPI	1.020	5.436	0.000	2	-6.984	0.000	1
	5:WLX-CPI	1.020	1.136	0.000	1	-1.162	0.000	3
	6:WLZ-CPI	1.020	12.250	0.000	2	-12.353	0.000	1
	101:1.5 DL+1.5	1.020	5.440	0.000	3	-2.490	0.000	1
	102:1.2 DL+1.2	1.020	2.215	0.000	3	-1.309	0.000	1
	103:1.2 DL+1.2	1.020	8.989	0.000	2	-8.486	0.000	1
	104:1.2 DL+1.2	1.020	2.965	0.000	3	-0.637	0.000	1
	105:1.2 DL+1.2	1.020	18.305	0.000	2	-16.069	0.000	1
	106:1.5 DL+1.5	1.020	0.939	0.000	3	-0.823	0.000	1
	107:1.5 DL+1.5	1.020	9.407	0.000	2	-9.794	0.000	1
	108:1.5 DL+1.5	1.020	2.241	1.020	1	-0.347	1.020	3
	109:1.5 DL+1.5	1.020	21.052	0.000	2	-19.273	0.000	1
	110:.9 DL+1.5 \	1.020	0.193	1.020	2	-0.851	1.020	4
	111:.9 DL+1.5 \	1.020	7.962	0.000	2	-9.124	0.000	1
	112:.9 DL+1.5 \	1.020	1.808	1.020	1	-0.688	1.020	3
	113:.9 DL+1.5 \	1.020	19.608	0.000	2	-18.602	0.000	1
	201:1 DL+1 LL	1.020	3.627	0.000	3	-1.660	0.000	1
	202:1 DL+0.8 L	1.020	1.958	0.000	3	-1.096	0.000	1
	203:1 DL+0.8 L	1.020	6.474	0.000	2	-5.881	0.000	1
	204:1 DL+0.8 L	1.020	2.458	0.000	3	-0.648	0.000	1
	205:1 DL+0.8 L	1.020	12.685	0.000	2	-10.936	0.000	1
27	1:DL	1.020	2.144	1.020	1	-0.893	1.020	3
	2:LL	1.020	1.100	1.020	1	-0.442	1.020	3
	3:WLX+CPI	1.020				-1.275	1.020	1
	4:WLZ+CPI	1.020	5.404	1.020	3	-7.039	1.020	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	0.429	0.000	1	-0.563	0.000	3
	6:WLZ-CPI	1.020	12.063	1.020	3	-12.196	1.020	1
	101:1.5 DL+1.5	1.020	4.865	1.020	1	-2.002	1.020	3
	102:1.2 DL+1.2	1.020	2.489	1.020	2	-1.829	1.020	4
	103:1.2 DL+1.2	1.020	8.385	1.020	2	-8.058	1.020	4
	104:1.2 DL+1.2	1.020	3.908	1.020	1	-1.779	1.020	3
	105:1.2 DL+1.2	1.020	17.828	1.020	2	-15.697	1.020	4
	106:1.5 DL+1.5	1.020	1.463	1.020	2	-1.624	1.020	4
	107:1.5 DL+1.5	1.020	8.834	1.020	2	-9.410	1.020	4
	108:1.5 DL+1.5	1.020	3.237	1.020	1	-1.561	1.020	3
	109:1.5 DL+1.5	1.020	20.636	1.020	2	-18.959	1.020	4
	110:.9 DL+1.5 \	1.020	0.178	1.020	2	-1.090	1.020	4
	111:.9 DL+1.5 \	1.020	7.725	0.000	2	-9.052	0.000	1
	112:.9 DL+1.5 \	1.020	1.952	1.020	1	-1.027	1.020	3
	113:.9 DL+1.5 \	1.020	19.351	1.020	2	-18.425	1.020	4
	201:1 DL+1 LL	1.020	3.243	1.020	1	-1.335	1.020	3
	202:1 DL+0.8 L	1.020	2.087	1.020	1	-1.398	1.020	3
	203:1 DL+0.8 L	1.020	6.019	1.020	2	-5.550	1.020	4
	204:1 DL+0.8 L	1.020	3.034	1.020	1	-1.364	1.020	3
	205:1 DL+0.8 L	1.020	12.313	1.020	2	-10.643	1.020	4
28	1:DL	2.000	1.149	0.000	1	-2.405	0.000	3
	2:LL	2.000	0.575	0.000	1	-1.230	0.000	3
	3:WLX+CPI	2.000	24.914	2.000	3	-24.406	2.000	1
	4:WLZ+CPI	2.000	5.343	0.000	1	-5.522	0.000	2
	5:WLX-CPI	2.000	8.188	2.000	3	-7.135	2.000	1
	6:WLZ-CPI	2.000	10.834	2.000	1	-10.804	2.000	2
	101:1.5 DL+1.5	2.000	2.585	0.000	1	-5.453	0.000	3
	102:1.2 DL+1.2	2.000	29.484	2.000	3	-31.169	2.000	1
	103:1.2 DL+1.2	2.000	7.661	0.000	1	-10.170	0.000	2
	104:1.2 DL+1.2	2.000	9.413	2.000	3	-10.444	2.000	1
	105:1.2 DL+1.2	2.000	12.429	2.000	4	-14.688	2.000	2
	106:1.5 DL+1.5	2.000	37.029	2.000	3	-38.152	2.000	1
	107:1.5 DL+1.5	2.000	8.770	0.000	1	-10.923	0.000	2
	108:1.5 DL+1.5	2.000	11.940	2.000	3	-12.246	2.000	1
	109:1.5 DL+1.5	2.000	15.765	2.000	4	-17.605	2.000	2
	110:.9 DL+1.5 \	2.000	37.166	2.000	3	-37.535	2.000	1
	111:.9 DL+1.5 \	2.000	8.127	0.000	1	-9.526	0.000	2
	112:.9 DL+1.5 \	2.000	12.077	2.000	3	-11.629	2.000	1
	113:.9 DL+1.5 \	2.000	15.951	2.000	1	-17.037	2.000	2
	201:1 DL+1 LL	2.000	1.723	0.000	1	-3.635	0.000	3
	202:1 DL+0.8 L	2.000	19.611	2.000	3	-20.985	2.000	1
29	203:1 DL+0.8 L	2.000	5.322	0.000	1	-7.245	0.000	2
	204:1 DL+0.8 L	2.000	6.230	2.000	3	-7.169	2.000	1
	205:1 DL+0.8 L	2.000	8.224	2.000	4	-9.981	2.000	2
	1:DL	2.000	1.149	2.000	2	-2.405	2.000	4
	2:LL	2.000	0.575	2.000	2	-1.230	2.000	4
	3:WLX+CPI	2.000	43.766	0.000	1	-43.258	0.000	2
	4:WLZ+CPI	2.000	12.967	0.000	1	-13.145	0.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	4.577	0.000	1	-3.524	0.000	2
	6:WLZ-CPI	2.000	4.663	2.000	1	-4.632	2.000	2
	101:1.5 DL+1.5	2.000	2.585	2.000	2	-5.453	2.000	4
	102:1.2 DL+1.2	2.000	51.692	0.000	1	-53.378	0.000	2
	103:1.2 DL+1.2	2.000	15.243	0.000	1	-17.751	0.000	2
	104:1.2 DL+1.2	2.000	4.552	0.000	1	-5.583	0.000	2
	105:1.2 DL+1.2	2.000	6.915	2.000	1	-9.173	2.000	3
	106:1.5 DL+1.5	2.000	64.054	0.000	1	-65.178	0.000	2
	107:1.5 DL+1.5	2.000	18.492	0.000	1	-20.644	0.000	2
	108:1.5 DL+1.5	2.000	5.129	0.000	1	-5.435	0.000	2
	109:1.5 DL+1.5	2.000	7.837	2.000	1	-9.677	2.000	3
	110:.9 DL+1.5 \	2.000	63.789	0.000	1	-64.158	0.000	2
	111:.9 DL+1.5 \	2.000	18.049	0.000	1	-19.447	0.000	2
	112:.9 DL+1.5 \	2.000	5.006	0.000	1	-4.557	0.000	2
	113:.9 DL+1.5 \	2.000	7.194	2.000	1	-8.280	2.000	3
	201:1 DL+1 LL	2.000	1.723	2.000	2	-3.635	2.000	4
	202:1 DL+0.8 L	2.000	34.609	0.000	1	-35.984	0.000	2
	203:1 DL+0.8 L	2.000	10.310	0.000	1	-12.233	0.000	2
	204:1 DL+0.8 L	2.000	3.183	0.000	1	-4.121	0.000	2
	205:1 DL+0.8 L	2.000	4.824	2.000	1	-6.581	2.000	3
30	1:DL	2.000	3.477	0.000	3	-4.695	0.000	1
	2:LL	2.000	1.738	0.000	3	-2.377	0.000	1
	3:WLX+CPI	2.000	63.405	0.000	2	-63.046	0.000	1
	4:WLZ+CPI	2.000	28.103	0.000	1	-28.191	0.000	2
	5:WLX-CPI	2.000	7.398	0.000	2	-6.626	0.000	1
	6:WLZ-CPI	2.000	100.406	0.000	1	-100.188	0.000	2
	101:1.5 DL+1.5	2.000	7.823	0.000	3	-10.608	0.000	1
	102:1.2 DL+1.2	2.000	76.029	0.000	2	-77.826	0.000	1
	103:1.2 DL+1.2	2.000	34.962	0.000	1	-37.296	0.000	2
	104:1.2 DL+1.2	2.000	10.308	0.000	2	-11.610	0.000	1
	105:1.2 DL+1.2	2.000	125.136	0.000	1	-127.104	0.000	2
	106:1.5 DL+1.5	2.000	92.471	0.000	2	-93.760	0.000	1
	107:1.5 DL+1.5	2.000	41.095	0.000	1	-43.055	0.000	2
	108:1.5 DL+1.5	2.000	10.319	0.000	2	-10.989	0.000	1
	109:1.5 DL+1.5	2.000	153.813	0.000	1	-155.315	0.000	2
	110:.9 DL+1.5 \	2.000	90.882	0.000	2	-91.440	0.000	1
	111:.9 DL+1.5 \	2.000	39.009	0.000	1	-40.238	0.000	2
	112:.9 DL+1.5 \	2.000	8.268	0.000	2	-8.207	0.000	1
	113:.9 DL+1.5 \	2.000	151.727	0.000	1	-152.498	0.000	2
	201:1 DL+1 LL	2.000	5.215	0.000	3	-7.072	0.000	1
	202:1 DL+0.8 L	2.000	51.370	0.000	2	-52.812	0.000	1
	203:1 DL+0.8 L	2.000	24.004	0.000	1	-25.803	0.000	2
	204:1 DL+0.8 L	2.000	7.556	0.000	3	-8.667	0.000	1
	205:1 DL+0.8 L	2.000	84.119	0.000	1	-85.675	0.000	2
31	1:DL	2.000	3.620	2.000	3	-4.552	2.000	1
	2:LL	2.000	1.810	2.000	3	-2.305	2.000	1
	3:WLX+CPI	2.000	63.274	2.000	2	-63.177	2.000	4
	4:WLZ+CPI	2.000	28.037	2.000	1	-28.258	2.000	3



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	7.208	2.000	2	-6.815	2.000	4
	6:WLZ-CPI	2.000	100.377	2.000	1	-100.217	2.000	2
	101:1.5 DL+1.5	2.000	8.146	2.000	3	-10.285	2.000	1
	102:1.2 DL+1.2	2.000	76.131	2.000	3	-77.724	2.000	1
	103:1.2 DL+1.2	2.000	35.141	2.000	4	-37.118	2.000	2
	104:1.2 DL+1.2	2.000	10.339	2.000	3	-11.578	2.000	1
	105:1.2 DL+1.2	2.000	125.361	2.000	4	-126.879	2.000	2
	106:1.5 DL+1.5	2.000	92.490	2.000	2	-93.741	2.000	1
	107:1.5 DL+1.5	2.000	41.210	2.000	4	-42.940	2.000	2
	108:1.5 DL+1.5	2.000	10.251	2.000	3	-11.058	2.000	1
	109:1.5 DL+1.5	2.000	153.985	2.000	4	-155.142	2.000	2
	110:.9 DL+1.5 \	2.000	90.815	2.000	2	-91.507	2.000	1
	111:.9 DL+1.5 \	2.000	39.038	2.000	4	-40.209	2.000	2
	112:.9 DL+1.5 \	2.000	8.113	2.000	3	-8.362	2.000	1
	113:.9 DL+1.5 \	2.000	151.813	2.000	1	-152.411	2.000	2
	201:1 DL+1 LL	2.000	5.431	2.000	3	-6.857	2.000	1
	202:1 DL+0.8 L	2.000	51.466	2.000	3	-52.715	2.000	1
	203:1 DL+0.8 L	2.000	24.151	2.000	4	-25.656	2.000	2
	204:1 DL+0.8 L	2.000	7.605	2.000	3	-8.618	2.000	1
	205:1 DL+0.8 L	2.000	84.298	2.000	4	-85.497	2.000	2
32	1:DL	0.400	5.036	0.000	1			
	2:LL	0.400	2.567	0.000	1			
	3:WLX+CPI	0.400				-1.954	0.000	1
	4:WLZ+CPI	0.400				-3.443	0.000	1
	5:WLX-CPI	0.400	0.577	0.000	1			
	6:WLZ-CPI	0.400				-0.713	0.000	1
	101:1.5 DL+1.5	0.400	11.404	0.000	1			
	102:1.2 DL+1.2	0.400	6.778	0.000	1			
	103:1.2 DL+1.2	0.400	4.991	0.000	1			
	104:1.2 DL+1.2	0.400	9.815	0.000	1			
	105:1.2 DL+1.2	0.400	8.268	0.000	1			
	106:1.5 DL+1.5	0.400	4.623	0.000	1			
	107:1.5 DL+1.5	0.400	2.389	0.000	1			
	108:1.5 DL+1.5	0.400	8.419	0.000	1			
	109:1.5 DL+1.5	0.400	6.485	0.000	1			
	110:.9 DL+1.5 \	0.400	1.602	0.000	1			
	111:.9 DL+1.5 \	0.400				-0.633	0.000	1
	112:.9 DL+1.5 \	0.400	5.397	0.000	1			
	113:.9 DL+1.5 \	0.400	3.463	0.000	1			
	201:1 DL+1 LL	0.400	7.602	0.000	1			
	202:1 DL+0.8 L	0.400	5.526	0.000	1			
	203:1 DL+0.8 L	0.400	4.335	0.000	1			
	204:1 DL+0.8 L	0.400	7.550	0.000	1			
	205:1 DL+0.8 L	0.400	6.519	0.000	1			
33	1:DL	0.800	10.228	0.000	1			
	2:LL	0.800	5.197	0.000	1			
	3:WLX+CPI	0.800				-4.733	0.000	1
	4:WLZ+CPI	0.800				-6.427	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	0.800				-0.608	0.000	1
	6:WLZ-CPI	0.800				-1.532	0.000	1
	101:1.5 DL+1.5	0.800	23.138	0.000	1			
	102:1.2 DL+1.2	0.800	12.831	0.000	1			
	103:1.2 DL+1.2	0.800	10.797	0.000	1			
	104:1.2 DL+1.2	0.800	17.781	0.000	1			
	105:1.2 DL+1.2	0.800	16.672	0.000	1			
	106:1.5 DL+1.5	0.800	8.242	0.000	1			
	107:1.5 DL+1.5	0.800	5.700	0.000	1			
	108:1.5 DL+1.5	0.800	14.430	0.000	1			
	109:1.5 DL+1.5	0.800	13.044	0.000	1			
	110:.9 DL+1.5 \	0.800	2.106	0.000	1			
	111:.9 DL+1.5 \	0.800				-0.436	0.000	1
	112:.9 DL+1.5 \	0.800	8.293	0.000	1			
	113:.9 DL+1.5 \	0.800	6.907	0.000	1			
	201:1 DL+1 LL	0.800	15.425	0.000	1			
	202:1 DL+0.8 L	0.800	10.599	0.000	1			
	203:1 DL+0.8 L	0.800	9.244	0.000	1			
	204:1 DL+0.8 L	0.800	13.899	0.000	1			
	205:1 DL+0.8 L	0.800	13.160	0.000	1			
34	1:DL	1.200	21.143	0.000	1			
	2:LL	1.200	10.719	0.000	1			
	3:WLX+CPI	1.200				-11.195	0.000	1
	4:WLZ+CPI	1.200				-12.285	0.000	1
	5:WLX-CPI	1.200				-4.849	0.000	1
	6:WLZ-CPI	1.200				-3.242	0.000	1
	101:1.5 DL+1.5	1.200	47.793	0.000	1			
	102:1.2 DL+1.2	1.200	24.800	0.000	1			
	103:1.2 DL+1.2	1.200	23.492	0.000	1			
	104:1.2 DL+1.2	1.200	32.416	0.000	1			
	105:1.2 DL+1.2	1.200	34.344	0.000	1			
	106:1.5 DL+1.5	1.200	14.922	0.000	1			
	107:1.5 DL+1.5	1.200	13.287	0.000	1			
	108:1.5 DL+1.5	1.200	24.442	0.000	1			
	109:1.5 DL+1.5	1.200	26.852	0.000	1			
	110:.9 DL+1.5 \	1.200	2.236	0.000	1			
	111:.9 DL+1.5 \	1.200	0.602	0.000	1			
	112:.9 DL+1.5 \	1.200	11.756	0.000	1			
	113:.9 DL+1.5 \	1.200	14.166	0.000	1			
	201:1 DL+1 LL	1.200	31.862	0.000	1			
	202:1 DL+0.8 L	1.200	20.762	0.000	1			
	203:1 DL+0.8 L	1.200	19.890	0.000	1			
	204:1 DL+0.8 L	1.200	25.839	0.000	1			
	205:1 DL+0.8 L	1.200	27.125	0.000	1			
35	1:DL	1.600	9.548	0.000	1			
	2:LL	1.600	4.833	0.000	1			
	3:WLX+CPI	1.600				-4.710	0.000	1
	4:WLZ+CPI	1.600				-5.283	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.600				-1.804	0.000	1
	6:WLZ-CPI	1.600				-1.478	0.000	1
	101:1.5 DL+1.5	1.600	21.572	0.000	1			
	102:1.2 DL+1.2	1.600	11.606	0.000	1			
	103:1.2 DL+1.2	1.600	10.918	0.000	1			
	104:1.2 DL+1.2	1.600	15.094	0.000	1			
	105:1.2 DL+1.2	1.600	15.485	0.000	1			
	106:1.5 DL+1.5	1.600	7.258	0.000	1			
	107:1.5 DL+1.5	1.600	6.398	0.000	1			
	108:1.5 DL+1.5	1.600	11.617	0.000	1			
	109:1.5 DL+1.5	1.600	12.106	0.000	1			
	110:.9 DL+1.5 \	1.600	1.529	0.000	1			
	111:.9 DL+1.5 \	1.600	0.669	0.000	1			
	112:.9 DL+1.5 \	1.600	5.888	0.000	1			
	113:.9 DL+1.5 \	1.600	6.377	0.000	1			
	201:1 DL+1 LL	1.600	14.382	0.000	1			
	202:1 DL+0.8 L	1.600	9.647	0.000	1			
	203:1 DL+0.8 L	1.600	9.189	0.000	1			
	204:1 DL+0.8 L	1.600	11.972	0.000	1			
	205:1 DL+0.8 L	1.600	12.233	0.000	1			
36	1:DL	2.040	0.422	0.000	1			
	2:LL	2.040	0.189	0.000	1			
	3:WLX+CPI	2.040				-1.351	0.000	1
	4:WLZ+CPI	2.040				-0.011	0.000	1
	5:WLX-CPI	2.040				-2.863	0.000	1
	6:WLZ-CPI	2.040				-0.283	0.000	1
	101:1.5 DL+1.5	2.040	0.916	0.000	1			
	102:1.2 DL+1.2	2.040				-0.888	0.000	1
	103:1.2 DL+1.2	2.040	0.720	0.000	1			
	104:1.2 DL+1.2	2.040				-2.703	0.000	1
	105:1.2 DL+1.2	2.040	0.394	0.000	1			
	106:1.5 DL+1.5	2.040				-1.394	0.000	1
	107:1.5 DL+1.5	2.040	0.617	0.000	1			
	108:1.5 DL+1.5	2.040				-3.662	0.000	1
	109:1.5 DL+1.5	2.040	0.209	0.000	1			
	110:.9 DL+1.5 \	2.040				-1.647	0.000	1
	111:.9 DL+1.5 \	2.040	0.364	0.000	1			
	112:.9 DL+1.5 \	2.040				-3.915	0.000	1
	113:.9 DL+1.5 \	2.040				-0.044	0.000	1
	201:1 DL+1 LL	2.040	0.611	0.000	1			
	202:1 DL+0.8 L	2.040				-0.508	0.000	1
	203:1 DL+0.8 L	2.040	0.565	0.000	1			
	204:1 DL+0.8 L	2.040				-1.717	0.000	1
	205:1 DL+0.8 L	2.040	0.347	0.000	1			
37	1:DL	2.154	3.276	0.000	1			
	2:LL	2.154	1.643	0.000	1			
	3:WLX+CPI	2.154				-2.983	0.000	1
	4:WLZ+CPI	2.154				-1.526	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.154				-4.324	0.000	1
	6:WLZ-CPI	2.154				-0.651	0.000	1
	101:1.5 DL+1.5	2.154	7.377	0.000	1			
	102:1.2 DL+1.2	2.154	2.323	0.000	1			
	103:1.2 DL+1.2	2.154	4.070	0.000	1			
	104:1.2 DL+1.2	2.154	0.713	0.000	1			
	105:1.2 DL+1.2	2.154	5.120	0.000	1			
	106:1.5 DL+1.5	2.154	0.439	0.000	1			
	107:1.5 DL+1.5	2.154	2.624	0.000	1			
	108:1.5 DL+1.5	2.154				-1.572	0.000	1
	109:1.5 DL+1.5	2.154	3.936	0.000	1			
	110:.9 DL+1.5 \	2.154				-1.526	0.000	1
	111:.9 DL+1.5 \	2.154	0.658	0.000	1			
	112:.9 DL+1.5 \	2.154				-3.537	0.000	1
	113:.9 DL+1.5 \	2.154	1.971	0.000	1			
	201:1 DL+1 LL	2.154	4.918	0.000	1			
	202:1 DL+0.8 L	2.154	2.204	0.000	1			
	203:1 DL+0.8 L	2.154	3.368	0.000	1			
	204:1 DL+0.8 L	2.154	1.131	0.000	1			
	205:1 DL+0.8 L	2.154	4.069	0.000	1			
38	1:DL	2.332				-1.471	0.000	1
	2:LL	2.332				-0.744	0.000	1
	3:WLX+CPI	2.332	0.708	0.000	1			
	4:WLZ+CPI	2.332	0.618	0.000	1			
	5:WLX-CPI	2.332				-0.535	0.000	1
	6:WLZ-CPI	2.332	0.186	0.000	1			
	101:1.5 DL+1.5	2.332				-3.323	0.000	1
	102:1.2 DL+1.2	2.332				-1.808	0.000	1
	103:1.2 DL+1.2	2.332				-1.916	0.000	1
	104:1.2 DL+1.2	2.332				-3.300	0.000	1
	105:1.2 DL+1.2	2.332				-2.435	0.000	1
	106:1.5 DL+1.5	2.332				-1.144	0.000	1
	107:1.5 DL+1.5	2.332				-1.279	0.000	1
	108:1.5 DL+1.5	2.332				-3.009	0.000	1
	109:1.5 DL+1.5	2.332				-1.928	0.000	1
	110:.9 DL+1.5 \	2.332				-0.262	0.000	1
	111:.9 DL+1.5 \	2.332				-0.397	0.000	1
	112:.9 DL+1.5 \	2.332				-2.126	0.000	1
	113:.9 DL+1.5 \	2.332				-1.045	0.000	1
	201:1 DL+1 LL	2.332				-2.215	0.000	1
	202:1 DL+0.8 L	2.332				-1.500	0.000	1
	203:1 DL+0.8 L	2.332				-1.572	0.000	1
	204:1 DL+0.8 L	2.332				-2.494	0.000	1
	205:1 DL+0.8 L	2.332				-1.917	0.000	1
39	1:DL	2.561				-0.241	0.000	1
	2:LL	2.561				-0.119	0.000	1
	3:WLX+CPI	2.561	0.973	0.000	1			
	4:WLZ+CPI	2.561				-0.177	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.561	1.216	0.000	1			
	6:WLZ-CPI	2.561	0.038	0.000	1			
	101:1.5 DL+1.5	2.561				-0.541	0.000	1
	102:1.2 DL+1.2	2.561	0.735	0.000	1			
	103:1.2 DL+1.2	2.561				-0.645	0.000	1
	104:1.2 DL+1.2	2.561	1.026	0.000	1			
	105:1.2 DL+1.2	2.561				-0.387	0.000	1
	106:1.5 DL+1.5	2.561	1.098	0.000	1			
	107:1.5 DL+1.5	2.561				-0.627	0.000	1
	108:1.5 DL+1.5	2.561	1.462	0.000	1			
	109:1.5 DL+1.5	2.561				-0.305	0.000	1
	110:.9 DL+1.5 \	2.561	1.242	0.000	1			
	111:.9 DL+1.5 \	2.561				-0.482	0.000	1
	112:.9 DL+1.5 \	2.561	1.607	0.000	1			
	113:.9 DL+1.5 \	2.561				-0.160	0.000	1
	201:1 DL+1 LL	2.561				-0.361	0.000	1
	202:1 DL+0.8 L	2.561	0.442	0.000	1			
	203:1 DL+0.8 L	2.561				-0.478	0.000	1
	204:1 DL+0.8 L	2.561	0.636	0.000	1			
	205:1 DL+0.8 L	2.561				-0.306	0.000	1
40	1:DL	7.000	31.713	7.000	3	-19.691	7.000	1
	2:LL	7.000	15.968	7.000	3	-10.111	7.000	1
	3:WLX+CPI	7.000	23.409	7.000	1	-32.166	7.000	3
	4:WLZ+CPI	7.000	16.915	7.000	1	-23.859	7.000	3
	5:WLX-CPI	7.000	23.181	5.250	1	-26.996	5.250	3
	6:WLZ-CPI	7.000	3.941	7.000	1	-4.839	7.000	3
	101:1.5 DL+1.5	7.000	71.522	7.000	3	-44.702	7.000	1
	102:1.2 DL+1.2	7.000	18.618	7.000	3	-7.671	7.000	1
	103:1.2 DL+1.2	7.000	31.336	5.250	4	-17.775	5.250	2
	104:1.2 DL+1.2	7.000	27.686	7.000	3	-10.808	7.000	1
	105:1.2 DL+1.2	7.000	52.998	7.000	3	-32.619	7.000	1
	106:1.5 DL+1.5	7.000	7.336	4.083	2	-1.654	4.667	4
	107:1.5 DL+1.5	7.000	21.939	4.083	4	-13.408	4.083	2
	108:1.5 DL+1.5	7.000	21.053	3.500	1	-7.646	3.500	3
	109:1.5 DL+1.5	7.000	42.295	7.000	4	-25.608	7.000	2
	110:.9 DL+1.5 \	7.000	17.391	7.000	2	-19.708	7.000	4
	111:.9 DL+1.5 \	7.000	10.505	2.917	3	-9.334	2.917	1
	112:.9 DL+1.5 \	7.000	25.134	4.083	1	-19.488	4.083	3
	113:.9 DL+1.5 \	7.000	23.267	7.000	4	-13.794	7.000	2
	201:1 DL+1 LL	7.000	47.681	7.000	3	-29.801	7.000	1
	202:1 DL+0.8 L	7.000	18.755	7.000	3	-9.052	7.000	1
41	203:1 DL+0.8 L	7.000	26.187	5.833	4	-14.790	5.833	2
	204:1 DL+0.8 L	7.000	24.800	7.000	3	-11.143	7.000	1
	205:1 DL+0.8 L	7.000	41.675	7.000	3	-25.684	7.000	1
	1:DL	7.000	31.713	7.000	1	-19.691	7.000	3
	2:LL	7.000	15.968	7.000	1	-10.111	7.000	3
	3:WLX+CPI	7.000	4.681	7.000	3	-11.015	7.000	1
	4:WLZ+CPI	7.000	16.915	7.000	3	-23.859	7.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	7.000	16.558	7.000	1	-17.222	7.000	3
	6:WLZ-CPI	7.000	3.941	7.000	4	-4.839	7.000	2
	101:1.5 DL+1.5	7.000	71.522	7.000	1	-44.702	7.000	3
	102:1.2 DL+1.2	7.000	44.000	7.000	1	-30.144	7.000	3
	103:1.2 DL+1.2	7.000	31.336	5.250	1	-17.775	5.250	3
	104:1.2 DL+1.2	7.000	76.854	7.000	1	-56.195	7.000	3
	105:1.2 DL+1.2	7.000	52.998	7.000	1	-32.619	7.000	3
	106:1.5 DL+1.5	7.000	32.675	5.833	2	-23.777	5.833	3
	107:1.5 DL+1.5	7.000	21.939	4.083	1	-13.408	4.083	3
	108:1.5 DL+1.5	7.000	72.115	7.000	1	-55.078	7.000	3
	109:1.5 DL+1.5	7.000	42.295	7.000	1	-25.608	7.000	3
	110:.9 DL+1.5 \	7.000	17.977	4.667	2	-16.219	4.667	4
	111:.9 DL+1.5 \	7.000	10.505	2.917	1	-9.334	2.917	3
	112:.9 DL+1.5 \	7.000	53.088	7.000	1	-43.264	7.000	3
	113:.9 DL+1.5 \	7.000	23.267	7.000	1	-13.794	7.000	3
	201:1 DL+1 LL	7.000	47.681	7.000	1	-29.801	7.000	3
	202:1 DL+0.8 L	7.000	35.676	7.000	1	-24.034	7.000	3
	203:1 DL+0.8 L	7.000	26.187	5.833	1	-14.790	5.833	3
	204:1 DL+0.8 L	7.000	57.579	7.000	1	-41.401	7.000	3
	205:1 DL+0.8 L	7.000	41.675	7.000	1	-25.684	7.000	3
42	1:DL	2.000	2.297	0.000	3	-22.139	0.000	1
	2:LL	2.000	1.162	0.000	3	-11.246	0.000	1
	3:WLX+CPI	2.000	20.079	0.000	1	-8.566	0.000	3
	4:WLZ+CPI	2.000	22.168	0.000	1	-12.962	0.000	4
	5:WLX-CPI	2.000	12.979	0.000	1	-9.350	0.000	3
	6:WLZ-CPI	2.000	21.481	0.000	2	-18.643	0.000	1
	101:1.5 DL+1.5	2.000	5.187	0.000	3	-50.077	0.000	1
	102:1.2 DL+1.2	2.000				-18.937	0.000	1
	103:1.2 DL+1.2	2.000	6.778	0.000	3	-31.643	0.000	1
	104:1.2 DL+1.2	2.000				-27.061	2.000	3
	105:1.2 DL+1.2	2.000	25.267	0.000	3	-57.774	0.000	1
	106:1.5 DL+1.5	2.000				-11.326	2.000	3
	107:1.5 DL+1.5	2.000	9.434	2.000	1	-25.389	2.000	3
	108:1.5 DL+1.5	2.000				-23.450	2.000	3
	109:1.5 DL+1.5	2.000	29.995	0.000	3	-55.501	0.000	1
	110:.9 DL+1.5 \	2.000	10.393	0.000	1	-10.982	0.000	3
	111:.9 DL+1.5 \	2.000	13.327	0.000	2	-17.376	0.000	1
	112:.9 DL+1.5 \	2.000	2.866	2.000	1	-15.282	2.000	3
	113:.9 DL+1.5 \	2.000	28.750	0.000	2	-42.351	0.000	1
	201:1 DL+1 LL	2.000	3.458	0.000	3	-33.385	0.000	1
	202:1 DL+0.8 L	2.000				-17.052	0.000	1
	203:1 DL+0.8 L	2.000	4.934	0.000	3	-25.479	0.000	1
	204:1 DL+0.8 L	2.000				-20.763	2.000	3
	205:1 DL+0.8 L	2.000	17.260	0.000	3	-42.899	0.000	1
43	1:DL	1.020	24.500	0.000	3	-2.100	0.000	1
	2:LL	1.020	12.446	0.000	3	-1.061	0.000	1
	3:WLX+CPI	1.020	8.580	0.000	1	-22.183	0.000	3
	4:WLZ+CPI	1.020	11.645	0.000	1	-24.782	0.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	10.133	0.000	1	-13.044	0.000	3
	6:WLZ-CPI	1.020	18.574	0.000	1	-21.806	0.000	2
	101:1.5 DL+1.5	1.020	55.419	0.000	3	-4.741	0.000	1
	102:1.2 DL+1.2	1.020	20.836	0.000	1			
	103:1.2 DL+1.2	1.020	32.672	0.000	1	-7.893	0.000	2
	104:1.2 DL+1.2	1.020	28.683	0.000	1			
	105:1.2 DL+1.2	1.020	61.559	0.000	1	-24.895	0.000	2
	106:1.5 DL+1.5	1.020	10.265	1.020	2			
	107:1.5 DL+1.5	1.020	22.327	0.000	1	-8.431	0.000	2
	108:1.5 DL+1.5	1.020	19.862	1.020	1			
	109:1.5 DL+1.5	1.020	58.436	0.000	1	-29.682	0.000	2
	110:.9 DL+1.5 \	1.020	11.185	0.000	1	-11.428	0.000	3
	111:.9 DL+1.5 \	1.020	15.579	0.000	1	-15.122	0.000	2
	112:.9 DL+1.5 \	1.020	15.402	1.020	1			
	113:.9 DL+1.5 \	1.020	43.872	0.000	1	-28.559	0.000	2
	201:1 DL+1 LL	1.020	36.946	0.000	3	-3.161	0.000	1
	202:1 DL+0.8 L	1.020	18.791	0.000	1			
	203:1 DL+0.8 L	1.020	26.636	0.000	1	-5.637	0.000	2
	204:1 DL+0.8 L	1.020	24.022	0.000	1			
	205:1 DL+0.8 L	1.020	45.894	0.000	1	-16.971	0.000	2
44	1:DL	1.020	24.500	0.000	3	-2.100	0.000	1
	2:LL	1.020	12.446	0.000	3	-1.061	0.000	1
	3:WLX+CPI	1.020				-12.223	0.000	1
	4:WLZ+CPI	1.020	11.645	0.000	2	-24.782	0.000	1
	5:WLX-CPI	1.020	5.453	0.000	3	-11.886	0.000	1
	6:WLZ-CPI	1.020	18.574	0.000	2	-21.806	0.000	1
	101:1.5 DL+1.5	1.020	55.419	0.000	3	-4.741	0.000	1
	102:1.2 DL+1.2	1.020	33.208	0.000	3	-9.268	0.000	1
	103:1.2 DL+1.2	1.020	32.672	0.000	2	-7.893	0.000	1
	104:1.2 DL+1.2	1.020	50.879	0.000	3	-18.057	0.000	1
	105:1.2 DL+1.2	1.020	61.559	0.000	2	-24.895	0.000	1
	106:1.5 DL+1.5	1.020	22.841	0.000	3	-9.993	0.000	1
	107:1.5 DL+1.5	1.020	22.327	0.000	2	-8.431	0.000	1
	108:1.5 DL+1.5	1.020	44.931	0.000	3	-20.979	0.000	1
	109:1.5 DL+1.5	1.020	58.436	0.000	2	-29.682	0.000	1
	110:.9 DL+1.5 \	1.020	8.141	0.000	3	-8.733	0.000	1
	111:.9 DL+1.5 \	1.020	15.579	0.000	2	-15.122	0.000	1
	112:.9 DL+1.5 \	1.020	30.230	0.000	3	-19.719	0.000	1
	113:.9 DL+1.5 \	1.020	43.872	0.000	2	-28.559	0.000	1
	201:1 DL+1 LL	1.020	36.946	0.000	3	-3.161	0.000	1
	202:1 DL+0.8 L	1.020	27.039	0.000	3	-6.599	0.000	1
	203:1 DL+0.8 L	1.020	26.636	0.000	2	-5.637	0.000	1
	204:1 DL+0.8 L	1.020	38.820	0.000	3	-12.458	0.000	1
	205:1 DL+0.8 L	1.020	45.894	0.000	2	-16.971	0.000	1
45	1:DL	1.020	20.360	1.020	1			
	2:LL	1.020	10.347	1.020	1			
	3:WLX+CPI	1.020				-12.129	1.020	1
	4:WLZ+CPI	1.020	2.042	1.020	4	-16.628	1.020	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	1.980	0.000	1	-5.827	0.000	3
	6:WLZ-CPI	1.020	11.730	1.020	4	-15.321	1.020	2
	101:1.5 DL+1.5	1.020	46.061	1.020	1			
	102:1.2 DL+1.2	1.020	22.385	1.020	1			
	103:1.2 DL+1.2	1.020	30.158	1.020	1	-3.403	1.020	3
	104:1.2 DL+1.2	1.020	35.849	1.020	1			
	105:1.2 DL+1.2	1.020	47.978	1.020	1	-8.029	1.020	3
	106:1.5 DL+1.5	1.020	12.460	1.020	2			
	107:1.5 DL+1.5	1.020	22.187	1.020	1	-7.385	1.020	3
	108:1.5 DL+1.5	1.020	29.291	1.020	1			
	109:1.5 DL+1.5	1.020	44.462	1.020	1	-13.167	1.020	3
	110:.9 DL+1.5 \	1.020	2.508	0.000	1	-3.526	0.000	3
	111:.9 DL+1.5 \	1.020	10.887	0.000	1	-10.757	0.000	2
	112:.9 DL+1.5 \	1.020	17.077	1.020	1	-0.839	1.020	3
	113:.9 DL+1.5 \	1.020	32.254	1.020	1	-15.632	1.020	3
	201:1 DL+1 LL	1.020	30.707	1.020	1			
	202:1 DL+0.8 L	1.020	18.995	1.020	1			
	203:1 DL+0.8 L	1.020	24.175	1.020	1	-1.447	1.020	3
	204:1 DL+0.8 L	1.020	27.971	1.020	1			
	205:1 DL+0.8 L	1.020	36.054	1.020	1	-4.531	1.020	3
46	1:DL	1.020	25.398	1.020	1			
	2:LL	1.020	12.908	1.020	1			
	3:WLX+CPI	1.020	0.452	1.020	3	-16.932	1.020	1
	4:WLZ+CPI	1.020	4.764	1.020	4	-20.336	1.020	2
	5:WLX-CPI	1.020				-4.469	1.020	1
	6:WLZ-CPI	1.020	12.031	1.020	4	-15.849	1.020	2
	101:1.5 DL+1.5	1.020	57.458	1.020	1			
	102:1.2 DL+1.2	1.020	25.675	1.020	1			
	103:1.2 DL+1.2	1.020	34.627	1.020	1	-6.878	1.020	3
	104:1.2 DL+1.2	1.020	40.605	1.020	1			
	105:1.2 DL+1.2	1.020	55.917	1.020	1	-14.064	1.020	3
	106:1.5 DL+1.5	1.020	12.732	1.020	2			
	107:1.5 DL+1.5	1.020	23.923	1.020	1	-8.796	1.020	3
	108:1.5 DL+1.5	1.020	31.394	1.020	1	-0.032	1.020	3
	109:1.5 DL+1.5	1.020	50.535	1.020	1	-17.778	1.020	3
	110:.9 DL+1.5 \	1.020	0.912	1.020	3	-2.541	1.020	1
	111:.9 DL+1.5 \	1.020	9.104	0.000	1	-9.371	0.000	2
	112:.9 DL+1.5 \	1.020	16.375	0.000	1	-0.407	0.000	3
	113:.9 DL+1.5 \	1.020	35.298	1.020	1	-17.934	1.020	3
	201:1 DL+1 LL	1.020	38.306	1.020	1			
	202:1 DL+0.8 L	1.020	22.196	1.020	1			
	203:1 DL+0.8 L	1.020	28.164	1.020	1	-4.534	1.020	3
	204:1 DL+0.8 L	1.020	32.149	1.020	1			
	205:1 DL+0.8 L	1.020	42.357	1.020	1	-9.324	1.020	3
47	1:DL	1.020	24.350	0.000	1			
	2:LL	1.020	12.375	0.000	1			
	3:WLX+CPI	1.020	0.068	1.020	3	-16.549	1.020	1
	4:WLZ+CPI	1.020	4.369	1.020	4	-20.057	1.020	2



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Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	0.330	1.020	3	-5.529	1.020	1
	6:WLZ-CPI	1.020	11.868	0.000	1	-15.702	0.000	2
	101:1.5 DL+1.5	1.020	55.088	0.000	1			
	102:1.2 DL+1.2	1.020	24.311	0.000	1			
	103:1.2 DL+1.2	1.020	33.057	0.000	1	-5.874	0.000	3
	104:1.2 DL+1.2	1.020	37.955	0.000	1			
	105:1.2 DL+1.2	1.020	54.147	0.000	1	-12.740	0.000	3
	106:1.5 DL+1.5	1.020	11.826	0.000	1			
	107:1.5 DL+1.5	1.020	22.759	0.000	1	-8.159	0.000	3
	108:1.5 DL+1.5	1.020	28.881	0.000	1			
	109:1.5 DL+1.5	1.020	49.121	0.000	1	-16.742	0.000	3
	110:.9 DL+1.5 \	1.020	1.213	1.020	3	-3.055	1.020	1
	111:.9 DL+1.5 \	1.020	8.149	0.000	1	-8.802	0.000	2
	112:.9 DL+1.5 \	1.020	14.271	0.000	1			
	113:.9 DL+1.5 \	1.020	34.512	0.000	1	-17.384	0.000	2
	201:1 DL+1 LL	1.020	36.725	0.000	1			
	202:1 DL+0.8 L	1.020	21.077	0.000	1			
	203:1 DL+0.8 L	1.020	26.908	0.000	1	-3.702	0.000	3
	204:1 DL+0.8 L	1.020	30.174	0.000	1			
	205:1 DL+0.8 L	1.020	40.968	0.000	1	-8.279	0.000	3
48	1:DL	1.020	20.696	0.000	1			
	2:LL	1.020	10.518	0.000	1			
	3:WLX+CPI	1.020				-14.035	0.000	1
	4:WLZ+CPI	1.020	2.612	0.000	4	-18.157	0.000	1
	5:WLX-CPI	1.020				-5.079	0.000	1
	6:WLZ-CPI	1.020	11.379	0.000	1	-15.178	0.000	2
	101:1.5 DL+1.5	1.020	46.820	0.000	1			
	102:1.2 DL+1.2	1.020	20.644	0.000	1			
	103:1.2 DL+1.2	1.020	28.714	0.000	1	-2.533	0.000	3
	104:1.2 DL+1.2	1.020	31.364	0.000	1			
	105:1.2 DL+1.2	1.020	48.167	0.000	1	-7.890	0.000	3
	106:1.5 DL+1.5	1.020	10.029	0.000	1			
	107:1.5 DL+1.5	1.020	20.115	0.000	1	-6.274	0.000	3
	108:1.5 DL+1.5	1.020	23.428	0.000	1			
	109:1.5 DL+1.5	1.020	44.431	0.000	1	-12.970	0.000	3
	110:.9 DL+1.5 \	1.020	0.561	0.000	3	-2.427	0.000	1
	111:.9 DL+1.5 \	1.020	7.889	1.020	1	-8.911	1.020	3
	112:.9 DL+1.5 \	1.020	11.011	0.000	1			
	113:.9 DL+1.5 \	1.020	32.014	0.000	1	-15.416	0.000	2
	201:1 DL+1 LL	1.020	31.214	0.000	1			
	202:1 DL+0.8 L	1.020	17.902	0.000	1			
	203:1 DL+0.8 L	1.020	23.281	0.000	1	-0.873	0.000	3
	204:1 DL+0.8 L	1.020	25.048	0.000	1			
	205:1 DL+0.8 L	1.020	36.250	0.000	1	-4.444	0.000	3
49	1:DL	2.000	1.085	2.000	1	-20.927	2.000	3
	2:LL	2.000	0.549	2.000	1	-10.633	2.000	3
	3:WLX+CPI	2.000	14.126	2.000	3	-2.614	2.000	1
	4:WLZ+CPI	2.000	35.383	2.000	4	-26.177	2.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	5.648	0.000	1	-2.019	0.000	3
	6:WLZ-CPI	2.000	59.530	2.000	4	-56.692	2.000	2
	101:1.5 DL+1.5	2.000	2.450	2.000	1	-47.340	2.000	3
	102:1.2 DL+1.2	2.000	2.102	2.000	2	-24.198	2.000	4
	103:1.2 DL+1.2	2.000	30.076	2.000	1	-54.941	2.000	3
	104:1.2 DL+1.2	2.000	3.399	2.000	1	-34.957	2.000	3
	105:1.2 DL+1.2	2.000	69.136	2.000	1	-101.643	2.000	3
	106:1.5 DL+1.5	2.000	1.803	2.000	2	-14.298	2.000	4
	107:1.5 DL+1.5	2.000	36.909	2.000	1	-52.863	2.000	3
	108:1.5 DL+1.5	2.000	3.563	2.000	1	-27.883	2.000	3
	109:1.5 DL+1.5	2.000	85.734	2.000	1	-111.241	2.000	3
	110:.9 DL+1.5 \	2.000	2.579	0.000	1	-3.167	0.000	3
	111:.9 DL+1.5 \	2.000	36.371	2.000	1	-40.420	2.000	3
	112:.9 DL+1.5 \	2.000	3.025	2.000	1	-15.441	2.000	3
	113:.9 DL+1.5 \	2.000	85.197	2.000	1	-98.798	2.000	3
	201:1 DL+1 LL	2.000	1.634	2.000	1	-31.560	2.000	3
	202:1 DL+0.8 L	2.000	1.618	2.000	2	-20.317	2.000	4
	203:1 DL+0.8 L	2.000	20.230	2.000	1	-40.775	2.000	3
	204:1 DL+0.8 L	2.000	2.445	2.000	1	-27.452	2.000	3
	205:1 DL+0.8 L	2.000	46.270	2.000	1	-71.910	2.000	3
50	1:DL	0.400	17.723	0.000	1			
	2:LL	0.400	9.007	0.000	1			
	3:WLX+CPI	0.400				-14.050	0.000	1
	4:WLZ+CPI	0.400				-11.105	0.000	1
	5:WLX-CPI	0.400				-6.198	0.000	1
	6:WLZ-CPI	0.400				-2.618	0.000	1
	101:1.5 DL+1.5	0.400	40.094	0.000	1			
	102:1.2 DL+1.2	0.400	15.215	0.000	1			
	103:1.2 DL+1.2	0.400	18.750	0.000	1			
	104:1.2 DL+1.2	0.400	24.638	0.000	1			
	105:1.2 DL+1.2	0.400	28.934	0.000	1			
	106:1.5 DL+1.5	0.400	5.509	0.000	1			
	107:1.5 DL+1.5	0.400	9.927	0.000	1			
	108:1.5 DL+1.5	0.400	17.287	0.000	1			
	109:1.5 DL+1.5	0.400	22.658	0.000	1			
	110:.9 DL+1.5 \	0.400				-5.124	0.000	1
	111:.9 DL+1.5 \	0.400				-0.707	0.000	1
	112:.9 DL+1.5 \	0.400	6.653	0.000	1			
	113:.9 DL+1.5 \	0.400	12.024	0.000	1			
	201:1 DL+1 LL	0.400	26.730	0.000	1			
	202:1 DL+0.8 L	0.400	13.688	0.000	1			
	203:1 DL+0.8 L	0.400	16.044	0.000	1			
	204:1 DL+0.8 L	0.400	19.970	0.000	1			
	205:1 DL+0.8 L	0.400	22.834	0.000	1			
51	1:DL	2.000				-22.114	2.000	3
	2:LL	2.000				-11.240	2.000	3
	3:WLX+CPI	2.000	14.764	2.000	3	-1.659	2.000	1
	4:WLZ+CPI	2.000	24.987	2.000	4	-14.466	2.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	4.786	2.000	3	-0.297	2.000	1
	6:WLZ-CPI	2.000	33.040	2.000	4	-29.896	2.000	2
	101:1.5 DL+1.5	2.000				-50.031	2.000	3
	102:1.2 DL+1.2	2.000	0.170	0.000	2	-24.555	0.000	1
	103:1.2 DL+1.2	2.000	14.646	2.000	1	-42.131	2.000	3
	104:1.2 DL+1.2	2.000	2.273	0.000	1	-36.997	0.000	3
	105:1.2 DL+1.2	2.000	35.638	2.000	1	-71.976	2.000	3
	106:1.5 DL+1.5	2.000	0.346	0.000	2	-13.933	0.000	1
	107:1.5 DL+1.5	2.000	18.343	2.000	1	-35.805	2.000	3
	108:1.5 DL+1.5	2.000	2.974	0.000	1	-29.485	0.000	3
	109:1.5 DL+1.5	2.000	44.583	2.000	1	-73.111	2.000	3
	110:.9 DL+1.5 \	2.000	2.243	2.000	3	-2.532	2.000	1
	111:.9 DL+1.5 \	2.000	18.372	2.000	1	-22.536	2.000	3
	112:.9 DL+1.5 \	2.000	3.077	0.000	1	-16.291	0.000	3
	113:.9 DL+1.5 \	2.000	44.612	2.000	1	-59.842	2.000	3
	201:1 DL+1 LL	2.000				-33.354	2.000	3
	202:1 DL+0.8 L	2.000	0.079	0.000	2	-20.768	0.000	1
	203:1 DL+0.8 L	2.000	9.755	2.000	1	-32.511	2.000	3
	204:1 DL+0.8 L	2.000	1.481	0.000	1	-29.063	0.000	3
	205:1 DL+0.8 L	2.000	23.749	2.000	1	-52.407	2.000	3
52	1:DL	0.800	20.266	0.000	1			
	2:LL	0.800	10.299	0.000	1			
	3:WLX+CPI	0.800				-15.795	0.000	1
	4:WLZ+CPI	0.800				-12.738	0.000	1
	5:WLX-CPI	0.800				-8.288	0.000	1
	6:WLZ-CPI	0.800				-2.945	0.000	1
	101:1.5 DL+1.5	0.800	45.847	0.000	1			
	102:1.2 DL+1.2	0.800	17.724	0.000	1			
	103:1.2 DL+1.2	0.800	21.393	0.000	1			
	104:1.2 DL+1.2	0.800	26.733	0.000	1			
	105:1.2 DL+1.2	0.800	33.144	0.000	1			
	106:1.5 DL+1.5	0.800	6.706	0.000	1			
	107:1.5 DL+1.5	0.800	11.293	0.000	1			
	108:1.5 DL+1.5	0.800	17.967	0.000	1			
	109:1.5 DL+1.5	0.800	25.982	0.000	1			
	110:.9 DL+1.5 \	0.800				-5.454	0.000	1
	111:.9 DL+1.5 \	0.800				-0.867	0.000	1
	112:.9 DL+1.5 \	0.800	5.808	0.000	1			
	113:.9 DL+1.5 \	0.800	13.822	0.000	1			
	201:1 DL+1 LL	0.800	30.565	0.000	1			
	202:1 DL+0.8 L	0.800	15.869	0.000	1			
	203:1 DL+0.8 L	0.800	18.315	0.000	1			
	204:1 DL+0.8 L	0.800	21.875	0.000	1			
	205:1 DL+0.8 L	0.800	26.149	0.000	1			
53	1:DL	2.000				-22.828	0.000	1
	2:LL	2.000				-11.602	0.000	1
	3:WLX+CPI	2.000	15.227	0.000	3	-1.196	0.000	1
	4:WLZ+CPI	2.000	27.885	2.000	4	-16.532	2.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	5.200	0.000	1			
	6:WLZ-CPI	2.000	43.004	2.000	4	-39.669	2.000	2
	101:1.5 DL+1.5	2.000				-51.645	0.000	1
	102:1.2 DL+1.2	2.000				-23.851	0.000	1
	103:1.2 DL+1.2	2.000	14.903	2.000	1	-43.973	2.000	3
	104:1.2 DL+1.2	2.000				-35.717	0.000	1
	105:1.2 DL+1.2	2.000	40.220	2.000	1	-78.911	2.000	3
	106:1.5 DL+1.5	2.000				-12.414	0.000	1
	107:1.5 DL+1.5	2.000	22.429	2.000	1	-40.783	2.000	3
	108:1.5 DL+1.5	2.000				-27.246	0.000	1
	109:1.5 DL+1.5	2.000	54.075	2.000	1	-84.456	2.000	3
	110:.9 DL+1.5 \	2.000	2.295	0.000	3	-2.479	0.000	1
	111:.9 DL+1.5 \	2.000	25.419	2.000	1	-29.620	2.000	2
	112:.9 DL+1.5 \	2.000	0.296	0.000	2	-13.550	0.000	1
	113:.9 DL+1.5 \	2.000	57.065	2.000	1	-73.292	2.000	3
	201:1 DL+1 LL	2.000				-34.430	0.000	1
	202:1 DL+0.8 L	2.000				-20.466	0.000	1
	203:1 DL+0.8 L	2.000	9.084	0.000	1	-33.181	0.000	2
	204:1 DL+0.8 L	2.000				-28.377	0.000	1
	205:1 DL+0.8 L	2.000	25.817	2.000	1	-56.329	2.000	3
54	1:DL	1.200	15.034	0.000	1			
	2:LL	1.200	7.640	0.000	1			
	3:WLX+CPI	1.200				-11.439	0.000	1
	4:WLZ+CPI	1.200				-9.524	0.000	1
	5:WLX-CPI	1.200				-7.805	0.000	1
	6:WLZ-CPI	1.200				-2.156	0.000	1
	101:1.5 DL+1.5	1.200	34.010	0.000	1			
	102:1.2 DL+1.2	1.200	13.481	0.000	1			
	103:1.2 DL+1.2	1.200	15.780	0.000	1			
	104:1.2 DL+1.2	1.200	17.842	0.000	1			
	105:1.2 DL+1.2	1.200	24.621	0.000	1			
	106:1.5 DL+1.5	1.200	5.392	0.000	1			
	107:1.5 DL+1.5	1.200	8.265	0.000	1			
	108:1.5 DL+1.5	1.200	10.843	0.000	1			
	109:1.5 DL+1.5	1.200	19.316	0.000	1			
	110:.9 DL+1.5 \	1.200				-3.628	0.000	1
	111:.9 DL+1.5 \	1.200				-0.755	0.000	1
	112:.9 DL+1.5 \	1.200	1.823	0.000	1			
	113:.9 DL+1.5 \	1.200	10.296	0.000	1			
	201:1 DL+1 LL	1.200	22.673	0.000	1			
	202:1 DL+0.8 L	1.200	11.994	0.000	1			
	203:1 DL+0.8 L	1.200	13.527	0.000	1			
	204:1 DL+0.8 L	1.200	14.902	0.000	1			
	205:1 DL+0.8 L	1.200	19.421	0.000	1			
55	1:DL	2.000				-18.575	0.000	1
	2:LL	2.000				-9.440	0.000	1
	3:WLX+CPI	2.000	12.183	0.000	1			
	4:WLZ+CPI	2.000	30.295	2.000	4	-19.012	2.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	4.679	0.000	1			
	6:WLZ-CPI	2.000	52.881	2.000	1	-49.574	2.000	2
	101:1.5 DL+1.5	2.000				-42.022	0.000	1
	102:1.2 DL+1.2	2.000				-19.424	0.000	1
	103:1.2 DL+1.2	2.000	16.279	2.000	1	-45.320	2.000	3
	104:1.2 DL+1.2	2.000				-28.552	0.000	1
	105:1.2 DL+1.2	2.000	46.258	2.000	1	-84.870	2.000	3
	106:1.5 DL+1.5	2.000				-10.120	0.000	1
	107:1.5 DL+1.5	2.000	27.232	2.000	1	-45.598	2.000	3
	108:1.5 DL+1.5	2.000				-21.530	0.000	1
	109:1.5 DL+1.5	2.000	64.706	2.000	1	-95.035	2.000	3
	110:.9 DL+1.5 \	2.000	1.558	0.000	3	-2.053	0.000	1
	111:.9 DL+1.5 \	2.000	32.649	2.000	1	-36.898	2.000	2
	112:.9 DL+1.5 \	2.000				-10.385	0.000	1
	113:.9 DL+1.5 \	2.000	70.123	2.000	1	-86.335	2.000	3
	201:1 DL+1 LL	2.000				-28.014	0.000	1
	202:1 DL+0.8 L	2.000				-16.664	0.000	1
	203:1 DL+0.8 L	2.000	9.047	2.000	1	-33.113	2.000	3
	204:1 DL+0.8 L	2.000				-22.749	0.000	1
	205:1 DL+0.8 L	2.000	29.033	2.000	1	-59.480	2.000	3
56	1:DL	1.600				-0.700	0.000	1
	2:LL	1.600				-0.356	0.000	1
	3:WLX+CPI	1.600				-0.058	0.000	1
	4:WLZ+CPI	1.600	0.364	0.000	1			
	5:WLX-CPI	1.600				-3.203	0.000	1
	6:WLZ-CPI	1.600	0.221	0.000	1			
	101:1.5 DL+1.5	1.600				-1.583	0.000	1
	102:1.2 DL+1.2	1.600				-1.336	0.000	1
	103:1.2 DL+1.2	1.600				-0.829	0.000	1
	104:1.2 DL+1.2	1.600				-5.110	0.000	1
	105:1.2 DL+1.2	1.600				-1.002	0.000	1
	106:1.5 DL+1.5	1.600				-1.136	0.000	1
	107:1.5 DL+1.5	1.600				-0.503	0.000	1
	108:1.5 DL+1.5	1.600				-5.853	0.000	1
	109:1.5 DL+1.5	1.600				-0.718	0.000	1
	110:.9 DL+1.5 \	1.600				-0.717	0.000	1
	111:.9 DL+1.5 \	1.600				-0.083	0.000	1
	112:.9 DL+1.5 \	1.600				-5.434	0.000	1
	113:.9 DL+1.5 \	1.600				-0.299	0.000	1
	201:1 DL+1 LL	1.600				-1.056	0.000	1
	202:1 DL+0.8 L	1.600				-1.031	0.000	1
57	203:1 DL+0.8 L	1.600				-0.693	0.000	1
	204:1 DL+0.8 L	1.600				-3.546	0.000	1
	205:1 DL+0.8 L	1.600				-0.808	0.000	1
	1:DL	2.000				-18.575	2.000	3
	2:LL	2.000				-9.440	2.000	3
	3:WLX+CPI	2.000	9.877	2.000	3			
	4:WLZ+CPI	2.000	30.295	0.000	1	-19.012	0.000	2



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Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	4.587	2.000	3			
	6:WLZ-CPI	2.000	52.881	0.000	1	-49.574	0.000	2
	101:1.5 DL+1.5	2.000				-42.022	2.000	3
	102:1.2 DL+1.2	2.000				-21.807	2.000	3
	103:1.2 DL+1.2	2.000	16.279	0.000	1	-45.320	0.000	2
	104:1.2 DL+1.2	2.000				-28.628	2.000	4
	105:1.2 DL+1.2	2.000	46.258	0.000	1	-84.870	0.000	2
	106:1.5 DL+1.5	2.000				-13.099	2.000	3
	107:1.5 DL+1.5	2.000	27.232	0.000	1	-45.598	0.000	2
	108:1.5 DL+1.5	2.000				-21.626	2.000	4
	109:1.5 DL+1.5	2.000	64.706	0.000	1	-95.035	0.000	2
	110:.9 DL+1.5 \	2.000	0.583	2.000	1	-1.954	2.000	3
	111:.9 DL+1.5 \	2.000	32.649	0.000	1	-36.898	0.000	2
	112:.9 DL+1.5 \	2.000				-10.481	2.000	4
	113:.9 DL+1.5 \	2.000	70.123	0.000	1	-86.335	0.000	2
	201:1 DL+1 LL	2.000				-28.014	2.000	3
	202:1 DL+0.8 L	2.000				-18.253	2.000	3
	203:1 DL+0.8 L	2.000	9.047	0.000	1	-33.113	0.000	2
	204:1 DL+0.8 L	2.000				-22.800	2.000	3
	205:1 DL+0.8 L	2.000	29.033	0.000	1	-59.480	0.000	2
58	1:DL	2.000				-19.552	0.000	1
	2:LL	2.000				-9.937	0.000	1
	3:WLX+CPI	2.000	13.058	0.000	1			
	4:WLZ+CPI	2.000	12.277	0.000	1			
	5:WLX-CPI	2.000	4.619	0.000	1			
	6:WLZ-CPI	2.000	3.095	0.000	1			
	101:1.5 DL+1.5	2.000				-44.234	0.000	1
	102:1.2 DL+1.2	2.000				-19.717	0.000	1
	103:1.2 DL+1.2	2.000				-20.654	0.000	1
	104:1.2 DL+1.2	2.000				-29.844	0.000	1
	105:1.2 DL+1.2	2.000				-31.673	0.000	1
	106:1.5 DL+1.5	2.000				-9.741	0.000	1
	107:1.5 DL+1.5	2.000				-10.912	0.000	1
	108:1.5 DL+1.5	2.000				-22.399	0.000	1
	109:1.5 DL+1.5	2.000				-24.685	0.000	1
	110:.9 DL+1.5 \	2.000	1.990	0.000	1			
	111:.9 DL+1.5 \	2.000	0.819	0.000	1			
	112:.9 DL+1.5 \	2.000				-10.668	0.000	1
	113:.9 DL+1.5 \	2.000				-12.954	0.000	1
	201:1 DL+1 LL	2.000				-29.489	0.000	1
	202:1 DL+0.8 L	2.000				-17.055	0.000	1
	203:1 DL+0.8 L	2.000				-17.680	0.000	1
	204:1 DL+0.8 L	2.000				-23.806	0.000	1
	205:1 DL+0.8 L	2.000				-25.025	0.000	1
59	1:DL	2.040				-25.070	0.000	1
	2:LL	2.040				-12.741	0.000	1
	3:WLX+CPI	2.040	17.077	0.000	1			
	4:WLZ+CPI	2.040	14.270	0.000	1			



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.040	9.429	0.000	1			
	6:WLZ-CPI	2.040	3.563	0.000	1			
	101:1.5 DL+1.5	2.040				-56.717	0.000	1
	102:1.2 DL+1.2	2.040				-24.881	0.000	1
	103:1.2 DL+1.2	2.040				-28.250	0.000	1
	104:1.2 DL+1.2	2.040				-34.059	0.000	1
	105:1.2 DL+1.2	2.040				-41.097	0.000	1
	106:1.5 DL+1.5	2.040				-11.989	0.000	1
	107:1.5 DL+1.5	2.040				-16.200	0.000	1
	108:1.5 DL+1.5	2.040				-23.462	0.000	1
	109:1.5 DL+1.5	2.040				-32.260	0.000	1
	110:.9 DL+1.5 \	2.040	3.053	0.000	1			
	111:.9 DL+1.5 \	2.040				-1.158	0.000	1
	112:.9 DL+1.5 \	2.040				-8.420	0.000	1
	113:.9 DL+1.5 \	2.040				-17.218	0.000	1
	201:1 DL+1 LL	2.040				-37.811	0.000	1
	202:1 DL+0.8 L	2.040				-21.601	0.000	1
	203:1 DL+0.8 L	2.040				-23.847	0.000	1
	204:1 DL+0.8 L	2.040				-27.720	0.000	1
	205:1 DL+0.8 L	2.040				-32.412	0.000	1
60	1:DL	2.154				-16.278	0.000	1
	2:LL	2.154				-8.273	0.000	1
	3:WLX+CPI	2.154	10.572	0.000	1			
	4:WLZ+CPI	2.154	9.487	0.000	1			
	5:WLX-CPI	2.154	9.455	0.000	1			
	6:WLZ-CPI	2.154	2.183	0.000	1			
	101:1.5 DL+1.5	2.154				-36.825	0.000	1
	102:1.2 DL+1.2	2.154				-16.774	0.000	1
	103:1.2 DL+1.2	2.154				-18.076	0.000	1
	104:1.2 DL+1.2	2.154				-18.114	0.000	1
	105:1.2 DL+1.2	2.154				-26.840	0.000	1
	106:1.5 DL+1.5	2.154				-8.558	0.000	1
	107:1.5 DL+1.5	2.154				-10.186	0.000	1
	108:1.5 DL+1.5	2.154				-10.234	0.000	1
	109:1.5 DL+1.5	2.154				-21.141	0.000	1
	110:.9 DL+1.5 \	2.154	1.208	0.000	1			
	111:.9 DL+1.5 \	2.154				-0.419	0.000	1
	112:.9 DL+1.5 \	2.154				-0.468	0.000	1
	113:.9 DL+1.5 \	2.154				-11.375	0.000	1
	201:1 DL+1 LL	2.154				-24.550	0.000	1
	202:1 DL+0.8 L	2.154				-14.438	0.000	1
	203:1 DL+0.8 L	2.154				-15.306	0.000	1
	204:1 DL+0.8 L	2.154				-15.332	0.000	1
	205:1 DL+0.8 L	2.154				-21.149	0.000	1
61	1:DL	2.332	0.768	0.000	1			
	2:LL	2.332	0.390	0.000	1			
	3:WLX+CPI	2.332				-3.021	0.000	1
	4:WLZ+CPI	2.332				-0.859	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.332	4.378	0.000	1			
	6:WLZ-CPI	2.332				-0.339	0.000	1
	101:1.5 DL+1.5	2.332	1.737	0.000	1			
	102:1.2 DL+1.2	2.332				-2.235	0.000	1
	103:1.2 DL+1.2	2.332	0.359	0.000	1			
	104:1.2 DL+1.2	2.332	6.644	0.000	1			
	105:1.2 DL+1.2	2.332	0.983	0.000	1			
	106:1.5 DL+1.5	2.332				-3.379	0.000	1
	107:1.5 DL+1.5	2.332				-0.137	0.000	1
	108:1.5 DL+1.5	2.332	7.719	0.000	1			
	109:1.5 DL+1.5	2.332	0.644	0.000	1			
	110:.9 DL+1.5 \	2.332				-3.840	0.000	1
	111:.9 DL+1.5 \	2.332				-0.597	0.000	1
	112:.9 DL+1.5 \	2.332	7.258	0.000	1			
	113:.9 DL+1.5 \	2.332	0.183	0.000	1			
	201:1 DL+1 LL	2.332	1.158	0.000	1			
	202:1 DL+0.8 L	2.332				-1.336	0.000	1
	203:1 DL+0.8 L	2.332	0.393	0.000	1			
	204:1 DL+0.8 L	2.332	4.583	0.000	1			
	205:1 DL+0.8 L	2.332	0.809	0.000	1			
62	1:DL	2.561	2.889	0.000	1			
	2:LL	2.561	1.468	0.000	1			
	3:WLX+CPI	2.561				-6.166	0.000	1
	4:WLZ+CPI	2.561				-2.248	0.000	1
	5:WLX-CPI	2.561	2.608	0.000	1			
	6:WLZ-CPI	2.561				-0.529	0.000	1
	101:1.5 DL+1.5	2.561	6.535	0.000	1			
	102:1.2 DL+1.2	2.561				-2.171	0.000	1
	103:1.2 DL+1.2	2.561	2.531	0.000	1			
	104:1.2 DL+1.2	2.561	8.357	0.000	1			
	105:1.2 DL+1.2	2.561	4.593	0.000	1			
	106:1.5 DL+1.5	2.561				-4.916	0.000	1
	107:1.5 DL+1.5	2.561	0.962	0.000	1			
	108:1.5 DL+1.5	2.561	8.245	0.000	1			
	109:1.5 DL+1.5	2.561	3.540	0.000	1			
	110:.9 DL+1.5 \	2.561				-6.649	0.000	1
	111:.9 DL+1.5 \	2.561				-0.772	0.000	1
	112:.9 DL+1.5 \	2.561	6.512	0.000	1			
	113:.9 DL+1.5 \	2.561	1.807	0.000	1			
	201:1 DL+1 LL	2.561	4.357	0.000	1			
	202:1 DL+0.8 L	2.561				-0.870	0.000	1
	203:1 DL+0.8 L	2.561	2.265	0.000	1			
	204:1 DL+0.8 L	2.561	6.149	0.000	1			
	205:1 DL+0.8 L	2.561	3.640	0.000	1			
63	1:DL	1.020	20.360	1.020	1			
	2:LL	1.020	10.347	1.020	1			
	3:WLX+CPI	1.020				-12.861	1.020	1
	4:WLZ+CPI	1.020	2.042	1.020	3	-16.628	1.020	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	3.399	0.000	3	-9.945	0.000	1
	6:WLZ-CPI	1.020	11.730	1.020	3	-15.321	1.020	1
	101:1.5 DL+1.5	1.020	46.061	1.020	1			
	102:1.2 DL+1.2	1.020	21.524	1.020	1			
	103:1.2 DL+1.2	1.020	30.158	1.020	2	-3.403	1.020	4
	104:1.2 DL+1.2	1.020	26.098	1.020	1			
	105:1.2 DL+1.2	1.020	47.978	1.020	2	-8.029	1.020	4
	106:1.5 DL+1.5	1.020	11.384	1.020	1			
	107:1.5 DL+1.5	1.020	22.187	1.020	2	-7.385	1.020	4
	108:1.5 DL+1.5	1.020	19.348	0.000	1			
	109:1.5 DL+1.5	1.020	44.462	1.020	2	-13.167	1.020	4
	110:.9 DL+1.5 \	1.020	1.912	0.000	3	-2.588	0.000	1
	111:.9 DL+1.5 \	1.020	10.887	0.000	2	-10.757	0.000	1
	112:.9 DL+1.5 \	1.020	13.648	0.000	3	-1.459	0.000	1
	113:.9 DL+1.5 \	1.020	32.254	1.020	2	-15.632	1.020	4
	201:1 DL+1 LL	1.020	30.707	1.020	1			
	202:1 DL+0.8 L	1.020	18.421	1.020	1			
	203:1 DL+0.8 L	1.020	24.175	1.020	2	-1.447	1.020	4
	204:1 DL+0.8 L	1.020	21.471	1.020	1			
	205:1 DL+0.8 L	1.020	36.054	1.020	2	-4.531	1.020	4
64	1:DL	1.020	25.398	1.020	1			
	2:LL	1.020	12.908	1.020	1			
	3:WLX+CPI	1.020				-14.880	1.020	1
	4:WLZ+CPI	1.020	4.764	1.020	3	-20.336	1.020	1
	5:WLX-CPI	1.020	1.476	0.000	3	-7.732	0.000	1
	6:WLZ-CPI	1.020	12.031	1.020	3	-15.849	1.020	1
	101:1.5 DL+1.5	1.020	57.458	1.020	1			
	102:1.2 DL+1.2	1.020	28.138	1.020	1	-0.864	1.020	3
	103:1.2 DL+1.2	1.020	34.627	1.020	2	-6.878	1.020	4
	104:1.2 DL+1.2	1.020	37.687	1.020	1			
	105:1.2 DL+1.2	1.020	55.917	1.020	2	-14.064	1.020	4
	106:1.5 DL+1.5	1.020	15.812	1.020	1	-1.277	1.020	3
	107:1.5 DL+1.5	1.020	23.923	1.020	2	-8.796	1.020	4
	108:1.5 DL+1.5	1.020	27.748	1.020	1			
	109:1.5 DL+1.5	1.020	50.535	1.020	2	-17.778	1.020	4
	110:.9 DL+1.5 \	1.020	0.573	1.020	1	-1.432	1.020	3
	111:.9 DL+1.5 \	1.020	9.104	0.000	2	-9.371	0.000	1
	112:.9 DL+1.5 \	1.020	12.509	1.020	1			
	113:.9 DL+1.5 \	1.020	35.298	1.020	2	-17.934	1.020	4
	201:1 DL+1 LL	1.020	38.306	1.020	1			
	202:1 DL+0.8 L	1.020	23.839	1.020	1	-0.524	1.020	3
	203:1 DL+0.8 L	1.020	28.164	1.020	2	-4.534	1.020	4
	204:1 DL+0.8 L	1.020	30.205	1.020	1			
	205:1 DL+0.8 L	1.020	42.357	1.020	2	-9.324	1.020	4
65	1:DL	1.020	24.350	0.000	1			
	2:LL	1.020	12.375	0.000	1			
	3:WLX+CPI	1.020				-14.409	0.000	1
	4:WLZ+CPI	1.020	4.369	1.020	3	-20.057	1.020	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020				-5.711	0.000	1
	6:WLZ-CPI	1.020	11.868	0.000	2	-15.702	0.000	1
	101:1.5 DL+1.5	1.020	55.088	0.000	1			
	102:1.2 DL+1.2	1.020	26.862	1.020	1	-0.222	1.020	3
	103:1.2 DL+1.2	1.020	33.057	0.000	1	-5.874	0.000	4
	104:1.2 DL+1.2	1.020	37.766	1.020	1			
	105:1.2 DL+1.2	1.020	54.147	0.000	1	-12.740	0.000	4
	106:1.5 DL+1.5	1.020	15.139	1.020	1	-1.219	1.020	3
	107:1.5 DL+1.5	1.020	22.759	0.000	1	-8.159	0.000	4
	108:1.5 DL+1.5	1.020	28.769	1.020	1			
	109:1.5 DL+1.5	1.020	49.121	0.000	1	-16.742	0.000	4
	110:.9 DL+1.5 \	1.020	0.628	1.020	1	-1.960	1.020	3
	111:.9 DL+1.5 \	1.020	8.149	0.000	2	-8.802	0.000	1
	112:.9 DL+1.5 \	1.020	14.258	1.020	1	-0.102	1.020	3
	113:.9 DL+1.5 \	1.020	34.512	0.000	2	-17.384	0.000	1
	201:1 DL+1 LL	1.020	36.725	0.000	1			
	202:1 DL+0.8 L	1.020	22.745	1.020	1			
	203:1 DL+0.8 L	1.020	26.908	0.000	1	-3.702	0.000	4
	204:1 DL+0.8 L	1.020	30.015	1.020	1			
	205:1 DL+0.8 L	1.020	40.968	0.000	1	-8.279	0.000	4
66	1:DL	1.020	20.696	0.000	1			
	2:LL	1.020	10.518	0.000	1			
	3:WLX+CPI	1.020				-12.572	0.000	1
	4:WLZ+CPI	1.020	2.612	0.000	3	-18.157	0.000	1
	5:WLX-CPI	1.020				-4.003	0.000	1
	6:WLZ-CPI	1.020	11.379	0.000	2	-15.178	0.000	1
	101:1.5 DL+1.5	1.020	46.820	0.000	1			
	102:1.2 DL+1.2	1.020	22.400	0.000	1			
	103:1.2 DL+1.2	1.020	28.714	0.000	1	-2.533	0.000	4
	104:1.2 DL+1.2	1.020	32.654	0.000	1			
	105:1.2 DL+1.2	1.020	48.167	0.000	1	-7.890	0.000	4
	106:1.5 DL+1.5	1.020	12.223	0.000	1			
	107:1.5 DL+1.5	1.020	20.115	0.000	1	-6.274	0.000	4
	108:1.5 DL+1.5	1.020	25.041	0.000	1			
	109:1.5 DL+1.5	1.020	44.431	0.000	1	-12.970	0.000	4
	110:.9 DL+1.5 \	1.020	0.229	1.020	1	-2.253	1.020	3
	111:.9 DL+1.5 \	1.020	7.889	1.020	2	-8.911	1.020	4
	112:.9 DL+1.5 \	1.020	12.624	0.000	1			
	113:.9 DL+1.5 \	1.020	32.014	0.000	2	-15.416	0.000	1
	201:1 DL+1 LL	1.020	31.214	0.000	1			
	202:1 DL+0.8 L	1.020	19.072	0.000	1			
	203:1 DL+0.8 L	1.020	23.281	0.000	1	-0.873	0.000	4
	204:1 DL+0.8 L	1.020	25.908	0.000	1			
	205:1 DL+0.8 L	1.020	36.250	0.000	1	-4.444	0.000	4
67	1:DL	2.000	2.297	2.000	3	-22.139	2.000	1
	2:LL	2.000	1.162	2.000	3	-11.246	2.000	1
	3:WLX+CPI	2.000	10.416	2.000	1			
	4:WLZ+CPI	2.000	22.168	2.000	2	-12.962	2.000	4



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	12.109	2.000	4	-5.301	2.000	2
	6:WLZ-CPI	2.000	21.481	2.000	2	-18.643	2.000	4
	101:1.5 DL+1.5	2.000	5.187	2.000	3	-50.077	2.000	1
	102:1.2 DL+1.2	2.000	8.475	2.000	4	-30.942	2.000	2
	103:1.2 DL+1.2	2.000	6.778	2.000	3	-31.643	2.000	1
	104:1.2 DL+1.2	2.000	18.681	2.000	3	-46.423	2.000	1
	105:1.2 DL+1.2	2.000	25.267	2.000	3	-57.774	2.000	1
	106:1.5 DL+1.5	2.000	8.851	2.000	4	-21.809	2.000	2
	107:1.5 DL+1.5	2.000	9.434	0.000	1	-25.389	0.000	2
	108:1.5 DL+1.5	2.000	21.609	2.000	3	-41.160	2.000	1
	109:1.5 DL+1.5	2.000	29.995	2.000	3	-55.501	2.000	1
	110:.9 DL+1.5 \	2.000	7.473	2.000	4	-8.526	2.000	2
	111:.9 DL+1.5 \	2.000	13.327	2.000	2	-17.376	2.000	4
	112:.9 DL+1.5 \	2.000	20.231	2.000	3	-27.877	2.000	1
	113:.9 DL+1.5 \	2.000	28.750	2.000	3	-42.351	2.000	1
	201:1 DL+1 LL	2.000	3.458	2.000	3	-33.385	2.000	1
	202:1 DL+0.8 L	2.000	6.109	2.000	4	-25.056	2.000	2
	203:1 DL+0.8 L	2.000	4.934	2.000	3	-25.479	2.000	1
	204:1 DL+0.8 L	2.000	12.913	2.000	3	-35.377	2.000	1
	205:1 DL+0.8 L	2.000	17.260	2.000	3	-42.899	2.000	1
68	1:DL	2.000	1.085	0.000	1	-20.927	0.000	3
	2:LL	2.000	0.549	0.000	1	-10.633	0.000	3
	3:WLX+CPI	2.000	13.895	0.000	2	-2.692	0.000	1
	4:WLZ+CPI	2.000	35.383	0.000	1	-26.177	0.000	2
	5:WLX-CPI	2.000	10.403	2.000	3	-3.595	2.000	1
	6:WLZ-CPI	2.000	59.530	0.000	1	-56.692	0.000	2
	101:1.5 DL+1.5	2.000	2.450	0.000	1	-47.340	0.000	3
	102:1.2 DL+1.2	2.000	3.393	0.000	2	-25.861	0.000	1
	103:1.2 DL+1.2	2.000	30.076	0.000	1	-54.941	0.000	2
	104:1.2 DL+1.2	2.000	1.469	0.000	2	-29.211	0.000	1
	105:1.2 DL+1.2	2.000	69.136	0.000	1	-101.643	0.000	2
	106:1.5 DL+1.5	2.000	3.418	0.000	2	-16.376	0.000	1
	107:1.5 DL+1.5	2.000	36.909	0.000	1	-52.863	0.000	2
	108:1.5 DL+1.5	2.000	1.012	0.000	2	-20.564	0.000	1
	109:1.5 DL+1.5	2.000	85.734	0.000	1	-111.241	0.000	2
	110:.9 DL+1.5 \	2.000	2.768	0.000	2	-3.820	0.000	1
	111:.9 DL+1.5 \	2.000	36.371	0.000	1	-40.420	0.000	2
	112:.9 DL+1.5 \	2.000	3.351	2.000	3	-10.997	2.000	1
	113:.9 DL+1.5 \	2.000	85.197	0.000	1	-98.798	0.000	2
	201:1 DL+1 LL	2.000	1.634	0.000	1	-31.560	0.000	3
	202:1 DL+0.8 L	2.000	2.479	0.000	2	-21.426	0.000	1
69	203:1 DL+0.8 L	2.000	20.230	0.000	1	-40.775	0.000	2
	204:1 DL+0.8 L	2.000	1.196	0.000	2	-23.659	0.000	1
	205:1 DL+0.8 L	2.000	46.270	0.000	1	-71.910	0.000	2
	1:DL	2.000				-22.114	0.000	1
	2:LL	2.000				-11.240	0.000	1
	3:WLX+CPI	2.000	12.789	2.000	3	-0.362	2.000	1
	4:WLZ+CPI	2.000	24.987	0.000	1	-14.466	0.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	8.721	2.000	4	-1.797	2.000	2
	6:WLZ-CPI	2.000	33.040	0.000	1	-29.896	0.000	2
	101:1.5 DL+1.5	2.000				-50.031	0.000	1
	102:1.2 DL+1.2	2.000	0.499	0.000	1	-25.698	0.000	3
	103:1.2 DL+1.2	2.000	14.646	0.000	1	-42.132	0.000	2
	104:1.2 DL+1.2	2.000	1.039	0.000	1	-32.842	0.000	3
	105:1.2 DL+1.2	2.000	35.638	0.000	1	-71.976	0.000	2
	106:1.5 DL+1.5	2.000	0.663	0.000	1	-15.266	0.000	3
	107:1.5 DL+1.5	2.000	18.343	0.000	1	-35.805	0.000	2
	108:1.5 DL+1.5	2.000	1.334	0.000	1	-24.192	0.000	3
	109:1.5 DL+1.5	2.000	44.583	0.000	1	-73.111	0.000	2
	110:.9 DL+1.5 \	2.000	0.692	0.000	1	-1.998	0.000	3
	111:.9 DL+1.5 \	2.000	18.372	0.000	1	-22.536	0.000	2
	112:.9 DL+1.5 \	2.000	1.363	0.000	1	-10.924	0.000	3
	113:.9 DL+1.5 \	2.000	44.612	0.000	1	-59.842	0.000	2
	201:1 DL+1 LL	2.000				-33.354	0.000	1
	202:1 DL+0.8 L	2.000	0.323	0.000	1	-21.555	0.000	3
	203:1 DL+0.8 L	2.000	9.755	0.000	1	-32.511	0.000	2
	204:1 DL+0.8 L	2.000	0.683	0.000	1	-26.317	0.000	3
	205:1 DL+0.8 L	2.000	23.749	0.000	1	-52.407	0.000	2
70	1:DL	2.000				-22.828	2.000	3
	2:LL	2.000				-11.602	2.000	3
	3:WLX+CPI	2.000	12.545	2.000	3			
	4:WLZ+CPI	2.000	27.885	0.000	1	-16.532	0.000	2
	5:WLX-CPI	2.000	6.279	2.000	4			
	6:WLZ-CPI	2.000	43.004	0.000	1	-39.669	0.000	2
	101:1.5 DL+1.5	2.000				-51.645	2.000	3
	102:1.2 DL+1.2	2.000				-26.550	2.000	3
	103:1.2 DL+1.2	2.000	14.904	0.000	1	-43.973	0.000	2
	104:1.2 DL+1.2	2.000				-34.323	2.000	3
	105:1.2 DL+1.2	2.000	40.220	0.000	1	-78.911	0.000	2
	106:1.5 DL+1.5	2.000	0.142	2.000	2	-15.787	2.000	4
	107:1.5 DL+1.5	2.000	22.429	0.000	1	-40.783	0.000	2
	108:1.5 DL+1.5	2.000	0.026	2.000	1	-25.500	2.000	3
	109:1.5 DL+1.5	2.000	54.075	0.000	1	-84.456	0.000	2
	110:.9 DL+1.5 \	2.000	0.599	2.000	2	-2.091	2.000	4
	111:.9 DL+1.5 \	2.000	25.419	0.000	1	-29.620	0.000	2
	112:.9 DL+1.5 \	2.000	0.483	2.000	1	-11.803	2.000	3
	113:.9 DL+1.5 \	2.000	57.065	0.000	1	-73.292	0.000	2
	201:1 DL+1 LL	2.000				-34.430	2.000	3
	202:1 DL+0.8 L	2.000				-22.265	2.000	3
	203:1 DL+0.8 L	2.000	9.084	2.000	1	-33.181	2.000	3
	204:1 DL+0.8 L	2.000				-27.447	2.000	3
	205:1 DL+0.8 L	2.000	25.817	0.000	1	-56.329	0.000	2
71	1:DL	0.400	17.723	0.000	1			
	2:LL	0.400	9.007	0.000	1			
	3:WLX+CPI	0.400				-8.503	0.000	1
	4:WLZ+CPI	0.400				-11.105	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	0.400				-1.019	0.000	1
	6:WLZ-CPI	0.400				-2.618	0.000	1
	101:1.5 DL+1.5	0.400	40.094	0.000	1			
	102:1.2 DL+1.2	0.400	21.872	0.000	1			
	103:1.2 DL+1.2	0.400	18.750	0.000	1			
	104:1.2 DL+1.2	0.400	30.853	0.000	1			
	105:1.2 DL+1.2	0.400	28.934	0.000	1			
	106:1.5 DL+1.5	0.400	13.830	0.000	1			
	107:1.5 DL+1.5	0.400	9.927	0.000	1			
	108:1.5 DL+1.5	0.400	25.056	0.000	1			
	109:1.5 DL+1.5	0.400	22.658	0.000	1			
	110:.9 DL+1.5 \	0.400	3.196	0.000	1			
	111:.9 DL+1.5 \	0.400				-0.707	0.000	1
	112:.9 DL+1.5 \	0.400	14.422	0.000	1			
	113:.9 DL+1.5 \	0.400	12.024	0.000	1			
	201:1 DL+1 LL	0.400	26.730	0.000	1			
	202:1 DL+0.8 L	0.400	18.126	0.000	1			
	203:1 DL+0.8 L	0.400	16.044	0.000	1			
	204:1 DL+0.8 L	0.400	24.113	0.000	1			
	205:1 DL+0.8 L	0.400	22.834	0.000	1			
72	1:DL	0.800	20.266	0.000	1			
	2:LL	0.800	10.299	0.000	1			
	3:WLX+CPI	0.800				-9.897	0.000	1
	4:WLZ+CPI	0.800				-12.738	0.000	1
	5:WLX-CPI	0.800	0.238	0.000	1			
	6:WLZ-CPI	0.800				-2.945	0.000	1
	101:1.5 DL+1.5	0.800	45.847	0.000	1			
	102:1.2 DL+1.2	0.800	24.801	0.000	1			
	103:1.2 DL+1.2	0.800	21.393	0.000	1			
	104:1.2 DL+1.2	0.800	36.963	0.000	1			
	105:1.2 DL+1.2	0.800	33.144	0.000	1			
	106:1.5 DL+1.5	0.800	15.553	0.000	1			
	107:1.5 DL+1.5	0.800	11.293	0.000	1			
	108:1.5 DL+1.5	0.800	30.755	0.000	1			
	109:1.5 DL+1.5	0.800	25.982	0.000	1			
	110:.9 DL+1.5 \	0.800	3.394	0.000	1			
	111:.9 DL+1.5 \	0.800				-0.867	0.000	1
	112:.9 DL+1.5 \	0.800	18.596	0.000	1			
	113:.9 DL+1.5 \	0.800	13.822	0.000	1			
	201:1 DL+1 LL	0.800	30.565	0.000	1			
	202:1 DL+0.8 L	0.800	20.587	0.000	1			
	203:1 DL+0.8 L	0.800	18.315	0.000	1			
	204:1 DL+0.8 L	0.800	28.695	0.000	1			
	205:1 DL+0.8 L	0.800	26.149	0.000	1			
73	1:DL	1.200	15.034	0.000	1			
	2:LL	1.200	7.640	0.000	1			
	3:WLX+CPI	1.200				-7.404	0.000	1
	4:WLZ+CPI	1.200				-9.524	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.200	2.156	0.000	1			
	6:WLZ-CPI	1.200				-2.156	0.000	1
	101:1.5 DL+1.5	1.200	34.010	0.000	1			
	102:1.2 DL+1.2	1.200	18.324	0.000	1			
	103:1.2 DL+1.2	1.200	15.780	0.000	1			
	104:1.2 DL+1.2	1.200	29.795	0.000	1			
	105:1.2 DL+1.2	1.200	24.621	0.000	1			
	106:1.5 DL+1.5	1.200	11.445	0.000	1			
	107:1.5 DL+1.5	1.200	8.265	0.000	1			
	108:1.5 DL+1.5	1.200	25.784	0.000	1			
	109:1.5 DL+1.5	1.200	19.316	0.000	1			
	110:.9 DL+1.5 \	1.200	2.424	0.000	1			
	111:.9 DL+1.5 \	1.200				-0.755	0.000	1
	112:.9 DL+1.5 \	1.200	16.764	0.000	1			
	113:.9 DL+1.5 \	1.200	10.296	0.000	1			
	201:1 DL+1 LL	1.200	22.673	0.000	1			
	202:1 DL+0.8 L	1.200	15.222	0.000	1			
	203:1 DL+0.8 L	1.200	13.527	0.000	1			
	204:1 DL+0.8 L	1.200	22.870	0.000	1			
	205:1 DL+0.8 L	1.200	19.421	0.000	1			
74	1:DL	1.600				-0.700	0.000	1
	2:LL	1.600				-0.356	0.000	1
	3:WLX+CPI	1.600	1.587	0.000	1			
	4:WLZ+CPI	1.600	0.364	0.000	1			
	5:WLX-CPI	1.600	4.283	0.000	1			
	6:WLZ-CPI	1.600	0.221	0.000	1			
	101:1.5 DL+1.5	1.600				-1.583	0.000	1
	102:1.2 DL+1.2	1.600	0.638	0.000	1			
	103:1.2 DL+1.2	1.600				-0.829	0.000	1
	104:1.2 DL+1.2	1.600	3.873	0.000	1			
	105:1.2 DL+1.2	1.600				-1.002	0.000	1
	106:1.5 DL+1.5	1.600	1.331	0.000	1			
	107:1.5 DL+1.5	1.600				-0.503	0.000	1
	108:1.5 DL+1.5	1.600	5.376	0.000	1			
	109:1.5 DL+1.5	1.600				-0.718	0.000	1
	110:.9 DL+1.5 \	1.600	1.751	0.000	1			
	111:.9 DL+1.5 \	1.600				-0.083	0.000	1
	112:.9 DL+1.5 \	1.600	5.795	0.000	1			
	113:.9 DL+1.5 \	1.600				-0.299	0.000	1
	201:1 DL+1 LL	1.600				-1.056	0.000	1
	202:1 DL+0.8 L	1.600	0.285	0.000	1			
	203:1 DL+0.8 L	1.600				-0.693	0.000	1
	204:1 DL+0.8 L	1.600	2.442	0.000	1			
	205:1 DL+0.8 L	1.600				-0.808	0.000	1
75	1:DL	2.040				-25.070	0.000	1
	2:LL	2.040				-12.741	0.000	1
	3:WLX+CPI	2.040	12.964	0.000	1			
	4:WLZ+CPI	2.040	14.270	0.000	1			



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.040	1.081	0.000	1			
	6:WLZ-CPI	2.040	3.563	0.000	1			
	101:1.5 DL+1.5	2.040				-56.717	0.000	1
	102:1.2 DL+1.2	2.040				-29.817	0.000	1
	103:1.2 DL+1.2	2.040				-28.250	0.000	1
	104:1.2 DL+1.2	2.040				-44.076	0.000	1
	105:1.2 DL+1.2	2.040				-41.097	0.000	1
	106:1.5 DL+1.5	2.040				-18.160	0.000	1
	107:1.5 DL+1.5	2.040				-16.200	0.000	1
	108:1.5 DL+1.5	2.040				-35.983	0.000	1
	109:1.5 DL+1.5	2.040				-32.260	0.000	1
	110:.9 DL+1.5 \	2.040				-3.118	0.000	1
	111:.9 DL+1.5 \	2.040				-1.158	0.000	1
	112:.9 DL+1.5 \	2.040				-20.941	0.000	1
	113:.9 DL+1.5 \	2.040				-17.218	0.000	1
	201:1 DL+1 LL	2.040				-37.811	0.000	1
	202:1 DL+0.8 L	2.040				-24.892	0.000	1
	203:1 DL+0.8 L	2.040				-23.847	0.000	1
	204:1 DL+0.8 L	2.040				-34.398	0.000	1
	205:1 DL+0.8 L	2.040				-32.412	0.000	1
76	1:DL	2.154				-16.278	0.000	1
	2:LL	2.154				-8.273	0.000	1
	3:WLX+CPI	2.154	8.350	0.000	1			
	4:WLZ+CPI	2.154	9.487	0.000	1			
	5:WLX-CPI	2.154				-3.613	0.000	1
	6:WLZ-CPI	2.154	2.183	0.000	1			
	101:1.5 DL+1.5	2.154				-36.825	0.000	1
	102:1.2 DL+1.2	2.154				-19.440	0.000	1
	103:1.2 DL+1.2	2.154				-18.076	0.000	1
	104:1.2 DL+1.2	2.154				-33.796	0.000	1
	105:1.2 DL+1.2	2.154				-26.840	0.000	1
	106:1.5 DL+1.5	2.154				-11.891	0.000	1
	107:1.5 DL+1.5	2.154				-10.186	0.000	1
	108:1.5 DL+1.5	2.154				-29.836	0.000	1
	109:1.5 DL+1.5	2.154				-21.141	0.000	1
	110:.9 DL+1.5 \	2.154				-2.124	0.000	1
	111:.9 DL+1.5 \	2.154				-0.419	0.000	1
	112:.9 DL+1.5 \	2.154				-20.069	0.000	1
	113:.9 DL+1.5 \	2.154				-11.375	0.000	1
	201:1 DL+1 LL	2.154				-24.550	0.000	1
	202:1 DL+0.8 L	2.154				-16.215	0.000	1
	203:1 DL+0.8 L	2.154				-15.306	0.000	1
	204:1 DL+0.8 L	2.154				-25.786	0.000	1
	205:1 DL+0.8 L	2.154				-21.149	0.000	1
77	1:DL	2.332	0.768	0.000	1			
	2:LL	2.332	0.390	0.000	1			
	3:WLX+CPI	2.332	0.531	0.000	1			
	4:WLZ+CPI	2.332				-0.859	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.332				-5.728	0.000	1
	6:WLZ-CPI	2.332				-0.339	0.000	1
	101:1.5 DL+1.5	2.332	1.738	0.000	1			
	102:1.2 DL+1.2	2.332	2.028	0.000	1			
	103:1.2 DL+1.2	2.332	0.359	0.000	1			
	104:1.2 DL+1.2	2.332				-5.484	0.000	1
	105:1.2 DL+1.2	2.332	0.983	0.000	1			
	106:1.5 DL+1.5	2.332	1.949	0.000	1			
	107:1.5 DL+1.5	2.332				-0.137	0.000	1
	108:1.5 DL+1.5	2.332				-7.440	0.000	1
	109:1.5 DL+1.5	2.332	0.644	0.000	1			
	110:.9 DL+1.5 \	2.332	1.488	0.000	1			
	111:.9 DL+1.5 \	2.332				-0.597	0.000	1
	112:.9 DL+1.5 \	2.332				-7.901	0.000	1
	113:.9 DL+1.5 \	2.332	0.183	0.000	1			
	201:1 DL+1 LL	2.332	1.158	0.000	1			
	202:1 DL+0.8 L	2.332	1.505	0.000	1			
	203:1 DL+0.8 L	2.332	0.393	0.000	1			
	204:1 DL+0.8 L	2.332				-3.502	0.000	1
	205:1 DL+0.8 L	2.332	0.809	0.000	1			
78	1:DL	2.561	2.889	0.000	1			
	2:LL	2.561	1.468	0.000	1			
	3:WLX+CPI	2.561	1.679	0.000	1			
	4:WLZ+CPI	2.561				-2.248	0.000	1
	5:WLX-CPI	2.561				-3.983	0.000	1
	6:WLZ-CPI	2.561				-0.529	0.000	1
	101:1.5 DL+1.5	2.561	6.535	0.000	1			
	102:1.2 DL+1.2	2.561	7.243	0.000	1			
	103:1.2 DL+1.2	2.561	2.531	0.000	1			
	104:1.2 DL+1.2	2.561	0.449	0.000	1			
	105:1.2 DL+1.2	2.561	4.593	0.000	1			
	106:1.5 DL+1.5	2.561	6.852	0.000	1			
	107:1.5 DL+1.5	2.561	0.962	0.000	1			
	108:1.5 DL+1.5	2.561				-1.641	0.000	1
	109:1.5 DL+1.5	2.561	3.540	0.000	1			
	110:.9 DL+1.5 \	2.561	5.119	0.000	1			
	111:.9 DL+1.5 \	2.561				-0.772	0.000	1
	112:.9 DL+1.5 \	2.561				-3.374	0.000	1
	113:.9 DL+1.5 \	2.561	1.807	0.000	1			
	201:1 DL+1 LL	2.561	4.357	0.000	1			
	202:1 DL+0.8 L	2.561	5.407	0.000	1			
	203:1 DL+0.8 L	2.561	2.265	0.000	1			
	204:1 DL+0.8 L	2.561	0.877	0.000	1			
	205:1 DL+0.8 L	2.561	3.640	0.000	1			
79	1:DL	7.000	32.304	7.000	3	-20.109	7.000	1
	2:LL	7.000	16.267	7.000	3	-10.322	7.000	1
	3:WLX+CPI	7.000	23.389	7.000	1	-32.246	7.000	3
	4:WLZ+CPI	7.000	16.233	7.000	1	-23.401	7.000	3



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	7.000	23.542	5.250	1	-27.408	5.250	3
	6:WLZ-CPI	7.000	2.102	7.000	1	-4.159	7.000	3
	101:1.5 DL+1.5	7.000	72.857	7.000	3	-45.647	7.000	1
	102:1.2 DL+1.2	7.000	19.590	7.000	3	-8.450	7.000	1
	103:1.2 DL+1.2	7.000	32.554	5.250	3	-18.948	5.250	1
	104:1.2 DL+1.2	7.000	28.104	7.000	3	-10.975	7.000	1
	105:1.2 DL+1.2	7.000	53.294	7.000	3	-33.995	7.000	1
	106:1.5 DL+1.5	7.000	7.527	4.083	2	-1.756	5.250	4
	107:1.5 DL+1.5	7.000	22.839	4.083	3	-14.384	4.083	1
	108:1.5 DL+1.5	7.000	21.184	3.500	2	-7.594	3.500	4
	109:1.5 DL+1.5	7.000	42.649	7.000	3	-27.442	7.000	1
	110:.9 DL+1.5 \	7.000	17.382	7.000	1	-19.692	7.000	3
	111:.9 DL+1.5 \	7.000	11.164	2.917	3	-10.173	2.917	1
	112:.9 DL+1.5 \	7.000	25.362	4.083	1	-19.637	4.083	3
	113:.9 DL+1.5 \	7.000	23.823	7.000	3	-15.933	7.000	1
	201:1 DL+1 LL	7.000	48.571	7.000	3	-30.431	7.000	1
	202:1 DL+0.8 L	7.000	19.521	7.000	3	-9.655	7.000	1
	203:1 DL+0.8 L	7.000	27.189	5.833	3	-15.752	6.417	1
	204:1 DL+0.8 L	7.000	25.197	7.000	3	-11.339	7.000	1
	205:1 DL+0.8 L	7.000	41.990	7.000	3	-26.685	7.000	1
80	1:DL	7.000	32.304	7.000	1	-20.109	7.000	3
	2:LL	7.000	16.267	7.000	1	-10.322	7.000	3
	3:WLX+CPI	7.000	4.279	7.000	3	-10.696	7.000	1
	4:WLZ+CPI	7.000	16.233	7.000	3	-23.401	7.000	1
	5:WLX-CPI	7.000	16.721	7.000	1	-17.414	7.000	3
	6:WLZ-CPI	7.000	2.102	7.000	4	-4.159	7.000	2
	101:1.5 DL+1.5	7.000	72.857	7.000	1	-45.647	7.000	3
	102:1.2 DL+1.2	7.000	45.450	7.000	2	-31.382	7.000	4
	103:1.2 DL+1.2	7.000	32.554	5.250	2	-18.948	5.250	3
	104:1.2 DL+1.2	7.000	78.336	7.000	1	-57.399	7.000	3
	105:1.2 DL+1.2	7.000	53.294	7.000	1	-33.995	7.000	3
	106:1.5 DL+1.5	7.000	33.492	5.833	2	-24.460	5.833	4
	107:1.5 DL+1.5	7.000	22.839	4.083	1	-14.384	4.083	3
	108:1.5 DL+1.5	7.000	73.519	7.000	1	-56.265	7.000	3
	109:1.5 DL+1.5	7.000	42.649	7.000	1	-27.442	7.000	3
	110:.9 DL+1.5 \	7.000	18.055	4.667	2	-16.267	4.667	4
	111:.9 DL+1.5 \	7.000	11.164	2.917	1	-10.173	2.917	3
	112:.9 DL+1.5 \	7.000	54.137	7.000	1	-44.200	7.000	3
	113:.9 DL+1.5 \	7.000	23.823	7.000	1	-15.933	7.000	3
	201:1 DL+1 LL	7.000	48.571	7.000	1	-30.431	7.000	3
	202:1 DL+0.8 L	7.000	36.761	7.000	2	-24.943	7.000	4
	203:1 DL+0.8 L	7.000	27.189	5.833	2	-15.752	6.417	4
	204:1 DL+0.8 L	7.000	58.685	7.000	1	-42.288	7.000	3
	205:1 DL+0.8 L	7.000	41.990	7.000	1	-26.685	7.000	3
81	1:DL	2.000	2.357	0.000	3	-22.551	0.000	1
	2:LL	2.000	1.192	0.000	3	-11.455	0.000	1
	3:WLX+CPI	2.000	20.079	0.000	1	-8.365	0.000	3
	4:WLZ+CPI	2.000	21.140	0.000	1	-12.691	0.000	4



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	13.247	0.000	1	-9.612	0.000	3
	6:WLZ-CPI	2.000	20.145	2.000	4	-18.241	2.000	2
	101:1.5 DL+1.5	2.000	5.324	0.000	3	-51.009	0.000	1
	102:1.2 DL+1.2	2.000				-18.468	0.000	1
	103:1.2 DL+1.2	2.000	7.172	0.000	3	-33.581	0.000	1
	104:1.2 DL+1.2	2.000				-27.338	2.000	3
	105:1.2 DL+1.2	2.000	25.267	0.000	3	-59.530	0.000	1
	106:1.5 DL+1.5	2.000				-11.482	2.000	3
	107:1.5 DL+1.5	2.000	8.766	2.000	1	-26.385	2.000	3
	108:1.5 DL+1.5	2.000				-23.622	2.000	3
	109:1.5 DL+1.5	2.000	29.796	0.000	3	-57.231	0.000	1
	110:.9 DL+1.5 \	2.000	9.823	0.000	1	-10.426	0.000	3
	111:.9 DL+1.5 \	2.000	12.621	2.000	1	-18.122	2.000	3
	112:.9 DL+1.5 \	2.000	2.593	2.000	1	-15.316	2.000	3
	113:.9 DL+1.5 \	2.000	28.382	0.000	2	-43.700	0.000	1
	201:1 DL+1 LL	2.000	3.549	0.000	3	-34.006	0.000	1
	202:1 DL+0.8 L	2.000				-16.775	0.000	1
	203:1 DL+0.8 L	2.000	5.253	0.000	3	-26.898	0.000	1
	204:1 DL+0.8 L	2.000				-21.118	0.000	1
	205:1 DL+0.8 L	2.000	17.316	0.000	3	-44.197	0.000	1
82	1:DL	1.020	24.926	0.000	3	-2.130	0.000	1
	2:LL	1.020	12.661	0.000	3	-1.077	0.000	1
	3:WLX+CPI	1.020	8.333	0.000	1	-22.175	0.000	3
	4:WLZ+CPI	1.020	11.361	0.000	1	-23.632	0.000	2
	5:WLX-CPI	1.020	10.381	0.000	1	-13.330	0.000	3
	6:WLZ-CPI	1.020	17.900	0.000	1	-20.096	0.000	2
	101:1.5 DL+1.5	1.020	56.380	0.000	3	-4.810	0.000	1
	102:1.2 DL+1.2	1.020	20.335	0.000	1			
	103:1.2 DL+1.2	1.020	34.773	0.000	1	-8.242	0.000	2
	104:1.2 DL+1.2	1.020	29.109	0.000	1			
	105:1.2 DL+1.2	1.020	63.449	0.000	1	-24.827	0.000	2
	106:1.5 DL+1.5	1.020	10.291	1.020	2			
	107:1.5 DL+1.5	1.020	24.474	0.000	1	-8.688	0.000	2
	108:1.5 DL+1.5	1.020	20.284	1.020	1			
	109:1.5 DL+1.5	1.020	60.319	0.000	1	-29.419	0.000	2
	110:.9 DL+1.5 \	1.020	10.583	0.000	1	-10.830	0.000	3
	111:.9 DL+1.5 \	1.020	15.344	0.000	1	-13.236	0.000	2
	112:.9 DL+1.5 \	1.020	15.704	1.020	1			
	113:.9 DL+1.5 \	1.020	45.364	0.000	1	-28.141	0.000	2
	201:1 DL+1 LL	1.020	37.587	0.000	3	-3.207	0.000	1
	202:1 DL+0.8 L	1.020	18.493	0.000	1			
	203:1 DL+0.8 L	1.020	28.167	0.000	1	-5.921	0.000	2
	204:1 DL+0.8 L	1.020	24.391	0.000	1			
	205:1 DL+0.8 L	1.020	47.284	0.000	1	-16.978	0.000	2
83	1:DL	1.020	24.926	0.000	3	-2.130	0.000	1
	2:LL	1.020	12.661	0.000	3	-1.077	0.000	1
	3:WLX+CPI	1.020				-11.874	0.000	1
	4:WLZ+CPI	1.020	11.361	0.000	2	-23.632	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	5.304	0.000	3	-11.888	0.000	1
	6:WLZ-CPI	1.020	17.900	0.000	2	-20.096	0.000	1
	101:1.5 DL+1.5	1.020	56.380	0.000	3	-4.810	0.000	1
	102:1.2 DL+1.2	1.020	32.651	0.000	3	-8.333	0.000	1
	103:1.2 DL+1.2	1.020	34.773	0.000	2	-8.242	0.000	1
	104:1.2 DL+1.2	1.020	51.262	0.000	3	-17.907	0.000	1
	105:1.2 DL+1.2	1.020	63.449	0.000	2	-24.827	0.000	1
	106:1.5 DL+1.5	1.020	21.991	0.000	3	-8.969	0.000	1
	107:1.5 DL+1.5	1.020	24.474	0.000	2	-8.688	0.000	1
	108:1.5 DL+1.5	1.020	45.086	0.000	3	-20.769	0.000	1
	109:1.5 DL+1.5	1.020	60.319	0.000	2	-29.419	0.000	1
	110:.9 DL+1.5 \	1.020	7.182	0.000	3	-7.838	0.000	1
	111:.9 DL+1.5 \	1.020	15.345	0.000	2	-13.236	0.000	1
	112:.9 DL+1.5 \	1.020	30.170	0.000	3	-19.530	0.000	1
	113:.9 DL+1.5 \	1.020	45.364	0.000	2	-28.141	0.000	1
	201:1 DL+1 LL	1.020	37.587	0.000	3	-3.207	0.000	1
	202:1 DL+0.8 L	1.020	26.704	0.000	3	-5.932	0.000	1
	203:1 DL+0.8 L	1.020	28.167	0.000	2	-5.921	0.000	1
	204:1 DL+0.8 L	1.020	39.160	0.000	3	-12.364	0.000	1
	205:1 DL+0.8 L	1.020	47.284	0.000	2	-16.978	0.000	1
84	1:DL	1.020	20.710	1.020	1			
	2:LL	1.020	10.524	1.020	1			
	3:WLX+CPI	1.020				-12.307	1.020	1
	4:WLZ+CPI	1.020	2.178	1.020	4	-15.803	1.020	2
	5:WLX-CPI	1.020	2.061	0.000	1	-5.964	0.000	3
	6:WLZ-CPI	1.020	11.886	1.020	4	-14.324	1.020	2
	101:1.5 DL+1.5	1.020	46.851	1.020	1			
	102:1.2 DL+1.2	1.020	22.766	1.020	1			
	103:1.2 DL+1.2	1.020	31.781	1.020	1	-3.079	1.020	3
	104:1.2 DL+1.2	1.020	36.540	1.020	1			
	105:1.2 DL+1.2	1.020	49.775	1.020	1	-7.648	1.020	3
	106:1.5 DL+1.5	1.020	12.678	1.020	1			
	107:1.5 DL+1.5	1.020	23.940	1.020	1	-7.038	1.020	3
	108:1.5 DL+1.5	1.020	29.889	1.020	1			
	109:1.5 DL+1.5	1.020	46.432	1.020	1	-12.749	1.020	3
	110:.9 DL+1.5 \	1.020	2.536	0.000	1	-3.565	0.000	3
	111:.9 DL+1.5 \	1.020	12.013	0.000	1	-10.047	0.000	2
	112:.9 DL+1.5 \	1.020	17.467	1.020	1	-0.917	1.020	3
	113:.9 DL+1.5 \	1.020	34.006	1.020	1	-15.259	1.020	3
	201:1 DL+1 LL	1.020	31.234	1.020	1			
	202:1 DL+0.8 L	1.020	19.318	1.020	1			
	203:1 DL+0.8 L	1.020	25.329	1.020	1	-1.216	1.020	3
	204:1 DL+0.8 L	1.020	28.502	1.020	1			
	205:1 DL+0.8 L	1.020	37.325	1.020	1	-4.262	1.020	3
85	1:DL	1.020	25.844	1.020	1			
	2:LL	1.020	13.133	1.020	1			
	3:WLX+CPI	1.020	0.430	1.020	3	-17.198	1.020	1
	4:WLZ+CPI	1.020	4.769	1.020	4	-19.315	1.020	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020				-4.501	1.020	1
	6:WLZ-CPI	1.020	12.033	1.020	4	-14.624	1.020	2
	101:1.5 DL+1.5	1.020	58.465	1.020	1			
	102:1.2 DL+1.2	1.020	26.152	1.020	1			
	103:1.2 DL+1.2	1.020	36.657	1.020	1	-6.848	1.020	3
	104:1.2 DL+1.2	1.020	41.371	1.020	1			
	105:1.2 DL+1.2	1.020	58.185	1.020	1	-14.029	1.020	3
	106:1.5 DL+1.5	1.020	12.990	1.020	2			
	107:1.5 DL+1.5	1.020	26.122	1.020	1	-8.767	1.020	3
	108:1.5 DL+1.5	1.020	32.015	1.020	1	-0.078	1.020	3
	109:1.5 DL+1.5	1.020	53.032	1.020	1	-17.744	1.020	3
	110:.9 DL+1.5 \	1.020	0.890	1.020	3	-2.537	1.020	1
	111:.9 DL+1.5 \	1.020	10.889	0.000	1	-9.203	0.000	2
	112:.9 DL+1.5 \	1.020	16.772	0.000	1	-0.504	0.000	3
	113:.9 DL+1.5 \	1.020	37.525	1.020	1	-17.907	1.020	3
	201:1 DL+1 LL	1.020	38.977	1.020	1			
	202:1 DL+0.8 L	1.020	22.603	1.020	1			
	203:1 DL+0.8 L	1.020	29.607	1.020	1	-4.511	1.020	3
	204:1 DL+0.8 L	1.020	32.749	1.020	1			
	205:1 DL+0.8 L	1.020	43.959	1.020	1	-9.299	1.020	3
86	1:DL	1.020	24.794	0.000	1			
	2:LL	1.020	12.600	0.000	1			
	3:WLX+CPI	1.020	0.033	1.020	3	-16.810	1.020	1
	4:WLZ+CPI	1.020	4.420	1.020	4	-19.080	1.020	2
	5:WLX-CPI	1.020	0.308	1.020	3	-5.603	1.020	1
	6:WLZ-CPI	1.020	11.920	0.000	1	-14.522	0.000	2
	101:1.5 DL+1.5	1.020	56.091	0.000	1			
	102:1.2 DL+1.2	1.020	24.781	0.000	1			
	103:1.2 DL+1.2	1.020	35.034	0.000	1	-5.776	0.000	3
	104:1.2 DL+1.2	1.020	38.681	0.000	1			
	105:1.2 DL+1.2	1.020	56.361	0.000	1	-12.633	0.000	3
	106:1.5 DL+1.5	1.020	12.076	0.000	1			
	107:1.5 DL+1.5	1.020	24.893	0.000	1	-8.053	0.000	3
	108:1.5 DL+1.5	1.020	29.452	0.000	1			
	109:1.5 DL+1.5	1.020	51.551	0.000	1	-16.625	0.000	3
	110:.9 DL+1.5 \	1.020	1.200	1.020	3	-3.067	1.020	1
	111:.9 DL+1.5 \	1.020	10.017	0.000	1	-8.709	0.000	2
	112:.9 DL+1.5 \	1.020	14.576	0.000	1			
	113:.9 DL+1.5 \	1.020	36.674	0.000	1	-17.280	0.000	3
	201:1 DL+1 LL	1.020	37.394	0.000	1			
	202:1 DL+0.8 L	1.020	21.479	0.000	1			
	203:1 DL+0.8 L	1.020	28.315	0.000	1	-3.632	0.000	3
	204:1 DL+0.8 L	1.020	30.746	0.000	1			
	205:1 DL+0.8 L	1.020	42.533	0.000	1	-8.204	0.000	3
87	1:DL	1.020	21.101	0.000	1			
	2:LL	1.020	10.723	0.000	1			
	3:WLX+CPI	1.020				-14.287	0.000	1
	4:WLZ+CPI	1.020	2.799	0.000	4	-17.332	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020				-5.173	0.000	1
	6:WLZ-CPI	1.020	11.592	0.000	1	-14.172	0.000	2
	101:1.5 DL+1.5	1.020	47.737	0.000	1			
	102:1.2 DL+1.2	1.020	21.063	0.000	1			
	103:1.2 DL+1.2	1.020	30.435	0.000	1	-2.185	0.000	3
	104:1.2 DL+1.2	1.020	31.984	0.000	1			
	105:1.2 DL+1.2	1.020	50.095	0.000	1	-7.501	0.000	3
	106:1.5 DL+1.5	1.020	10.244	0.000	1			
	107:1.5 DL+1.5	1.020	21.959	0.000	1	-5.890	0.000	3
	108:1.5 DL+1.5	1.020	23.895	0.000	1			
	109:1.5 DL+1.5	1.020	46.535	0.000	1	-12.536	0.000	3
	110:.9 DL+1.5 \	1.020	0.542	0.000	3	-2.440	0.000	1
	111:.9 DL+1.5 \	1.020	9.299	0.000	1	-8.377	0.000	2
	112:.9 DL+1.5 \	1.020	11.234	0.000	1			
	113:.9 DL+1.5 \	1.020	33.874	0.000	1	-15.023	0.000	2
	201:1 DL+1 LL	1.020	31.824	0.000	1			
	202:1 DL+0.8 L	1.020	18.262	0.000	1			
	203:1 DL+0.8 L	1.020	24.510	0.000	1	-0.627	0.000	3
	204:1 DL+0.8 L	1.020	25.543	0.000	1			
	205:1 DL+0.8 L	1.020	37.617	0.000	1	-4.172	0.000	3
88	1:DL	2.000	1.131	2.000	1	-21.326	2.000	3
	2:LL	2.000	0.573	2.000	1	-10.835	2.000	3
	3:WLX+CPI	2.000	13.803	2.000	3	-2.089	2.000	1
	4:WLZ+CPI	2.000	34.340	2.000	4	-25.891	2.000	2
	5:WLX-CPI	2.000	5.577	0.000	1	-1.942	0.000	3
	6:WLZ-CPI	2.000	57.441	2.000	1	-55.537	2.000	2
	101:1.5 DL+1.5	2.000	2.556	2.000	1	-48.242	2.000	3
	102:1.2 DL+1.2	2.000	1.259	2.000	2	-23.750	2.000	4
	103:1.2 DL+1.2	2.000	30.202	2.000	1	-56.612	2.000	3
	104:1.2 DL+1.2	2.000	3.143	2.000	1	-35.329	2.000	3
	105:1.2 DL+1.2	2.000	68.320	2.000	1	-102.583	2.000	3
	106:1.5 DL+1.5	2.000	0.775	2.000	2	-13.496	2.000	4
	107:1.5 DL+1.5	2.000	36.894	2.000	1	-54.512	2.000	3
	108:1.5 DL+1.5	2.000	3.130	2.000	1	-27.969	2.000	3
	109:1.5 DL+1.5	2.000	84.542	2.000	1	-111.977	2.000	3
	110:.9 DL+1.5 \	2.000	2.616	0.000	1	-3.219	0.000	3
	111:.9 DL+1.5 \	2.000	36.215	2.000	1	-41.717	2.000	3
	112:.9 DL+1.5 \	2.000	2.593	0.000	1	-15.316	0.000	3
	113:.9 DL+1.5 \	2.000	83.863	2.000	1	-99.181	2.000	3
	201:1 DL+1 LL	2.000	1.704	2.000	1	-32.161	2.000	3
	202:1 DL+0.8 L	2.000	1.048	2.000	2	-20.081	2.000	4
89	203:1 DL+0.8 L	2.000	20.361	2.000	1	-42.007	2.000	3
	204:1 DL+0.8 L	2.000	2.320	2.000	1	-27.816	2.000	3
	205:1 DL+0.8 L	2.000	45.773	2.000	1	-72.654	2.000	3
	1:DL	0.400	17.737	0.000	1			
	2:LL	0.400	9.014	0.000	1			
	3:WLX+CPI	0.400				-14.058	0.000	1
	4:WLZ+CPI	0.400				-10.242	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	0.400				-6.220	0.000	1
	6:WLZ-CPI	0.400				-1.750	0.000	1
	101:1.5 DL+1.5	0.400	40.127	0.000	1			
	102:1.2 DL+1.2	0.400	15.232	0.000	1			
	103:1.2 DL+1.2	0.400	19.812	0.000	1			
	104:1.2 DL+1.2	0.400	24.638	0.000	1			
	105:1.2 DL+1.2	0.400	30.002	0.000	1			
	106:1.5 DL+1.5	0.400	5.519	0.000	1			
	107:1.5 DL+1.5	0.400	11.243	0.000	1			
	108:1.5 DL+1.5	0.400	17.276	0.000	1			
	109:1.5 DL+1.5	0.400	23.981	0.000	1			
	110:.9 DL+1.5 \	0.400				-5.123	0.000	1
	111:.9 DL+1.5 \	0.400	0.601	0.000	1			
	112:.9 DL+1.5 \	0.400	6.634	0.000	1			
	113:.9 DL+1.5 \	0.400	13.338	0.000	1			
	201:1 DL+1 LL	0.400	26.752	0.000	1			
	202:1 DL+0.8 L	0.400	13.702	0.000	1			
	203:1 DL+0.8 L	0.400	16.755	0.000	1			
	204:1 DL+0.8 L	0.400	19.973	0.000	1			
	205:1 DL+0.8 L	0.400	23.549	0.000	1			
90	1:DL	2.000				-22.506	0.000	1
	2:LL	2.000				-11.435	0.000	1
	3:WLX+CPI	2.000	14.941	2.000	3	-1.613	2.000	1
	4:WLZ+CPI	2.000	24.162	2.000	4	-14.477	2.000	2
	5:WLX-CPI	2.000	4.570	2.000	3	-0.045	2.000	1
	6:WLZ-CPI	2.000	32.192	2.000	4	-30.065	2.000	2
	101:1.5 DL+1.5	2.000				-50.910	0.000	1
	102:1.2 DL+1.2	2.000				-24.814	0.000	1
	103:1.2 DL+1.2	2.000	14.715	2.000	1	-43.926	2.000	3
	104:1.2 DL+1.2	2.000	1.561	0.000	1	-36.965	0.000	3
	105:1.2 DL+1.2	2.000	35.850	2.000	1	-74.131	2.000	3
	106:1.5 DL+1.5	2.000	0.069	0.000	2	-13.920	0.000	1
	107:1.5 DL+1.5	2.000	18.452	2.000	1	-37.768	2.000	3
	108:1.5 DL+1.5	2.000	2.053	0.000	1	-29.109	0.000	3
	109:1.5 DL+1.5	2.000	44.871	2.000	1	-75.524	2.000	3
	110:.9 DL+1.5 \	2.000	2.173	2.000	3	-2.486	2.000	1
	111:.9 DL+1.5 \	2.000	18.497	2.000	1	-24.275	2.000	3
	112:.9 DL+1.5 \	2.000	2.135	0.000	1	-15.654	0.000	3
	113:.9 DL+1.5 \	2.000	44.916	2.000	1	-62.031	2.000	3
	201:1 DL+1 LL	2.000				-33.940	0.000	1
	202:1 DL+0.8 L	2.000				-21.027	0.000	1
	203:1 DL+0.8 L	2.000	9.795	2.000	1	-33.782	2.000	3
	204:1 DL+0.8 L	2.000	1.013	0.000	1	-29.128	0.000	3
	205:1 DL+0.8 L	2.000	23.885	2.000	1	-53.918	2.000	3
91	1:DL	0.800	20.044	0.000	1			
	2:LL	0.800	10.186	0.000	1			
	3:WLX+CPI	0.800				-15.643	0.000	1
	4:WLZ+CPI	0.800				-11.640	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	0.800				-8.323	0.000	1
	6:WLZ-CPI	0.800				-1.965	0.000	1
	101:1.5 DL+1.5	0.800	45.346	0.000	1			
	102:1.2 DL+1.2	0.800	17.505	0.000	1			
	103:1.2 DL+1.2	0.800	22.309	0.000	1			
	104:1.2 DL+1.2	0.800	26.289	0.000	1			
	105:1.2 DL+1.2	0.800	33.919	0.000	1			
	106:1.5 DL+1.5	0.800	6.602	0.000	1			
	107:1.5 DL+1.5	0.800	12.606	0.000	1			
	108:1.5 DL+1.5	0.800	17.581	0.000	1			
	109:1.5 DL+1.5	0.800	27.119	0.000	1			
	110:.9 DL+1.5 \	0.800				-5.425	0.000	1
	111:.9 DL+1.5 \	0.800	0.580	0.000	1			
	112:.9 DL+1.5 \	0.800	5.555	0.000	1			
	113:.9 DL+1.5 \	0.800	15.092	0.000	1			
	201:1 DL+1 LL	0.800	30.230	0.000	1			
	202:1 DL+0.8 L	0.800	15.679	0.000	1			
	203:1 DL+0.8 L	0.800	18.881	0.000	1			
	204:1 DL+0.8 L	0.800	21.535	0.000	1			
	205:1 DL+0.8 L	0.800	26.621	0.000	1			
92	1:DL	2.000				-23.215	0.000	1
	2:LL	2.000				-11.796	0.000	1
	3:WLX+CPI	2.000	15.416	0.000	3	-1.138	0.000	1
	4:WLZ+CPI	2.000	27.156	2.000	4	-16.689	2.000	2
	5:WLX-CPI	2.000	4.996	0.000	1			
	6:WLZ-CPI	2.000	42.163	2.000	4	-39.906	2.000	2
	101:1.5 DL+1.5	2.000				-52.517	0.000	1
	102:1.2 DL+1.2	2.000				-24.201	0.000	1
	103:1.2 DL+1.2	2.000	14.472	2.000	1	-45.376	2.000	3
	104:1.2 DL+1.2	2.000				-36.036	0.000	1
	105:1.2 DL+1.2	2.000	39.738	2.000	1	-80.495	2.000	3
	106:1.5 DL+1.5	2.000				-12.584	0.000	1
	107:1.5 DL+1.5	2.000	21.992	2.000	1	-42.315	2.000	3
	108:1.5 DL+1.5	2.000				-27.379	0.000	1
	109:1.5 DL+1.5	2.000	53.574	2.000	1	-86.213	2.000	3
	110:.9 DL+1.5 \	2.000	2.230	0.000	3	-2.429	0.000	1
	111:.9 DL+1.5 \	2.000	25.063	2.000	1	-30.976	2.000	3
	112:.9 DL+1.5 \	2.000				-13.474	0.000	1
	113:.9 DL+1.5 \	2.000	56.645	2.000	1	-74.875	2.000	3
	201:1 DL+1 LL	2.000				-35.011	0.000	1
	202:1 DL+0.8 L	2.000				-20.769	0.000	1
	203:1 DL+0.8 L	2.000	9.086	0.000	1	-34.492	0.000	2
	204:1 DL+0.8 L	2.000				-28.659	0.000	1
	205:1 DL+0.8 L	2.000	25.468	2.000	1	-57.443	2.000	3
93	1:DL	1.200	15.057	0.000	1			
	2:LL	1.200	7.652	0.000	1			
	3:WLX+CPI	1.200				-11.481	0.000	1
	4:WLZ+CPI	1.200				-8.818	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.200				-7.933	0.000	1
	6:WLZ-CPI	1.200				-1.446	0.000	1
	101:1.5 DL+1.5	1.200	34.064	0.000	1			
	102:1.2 DL+1.2	1.200	13.474	0.000	1			
	103:1.2 DL+1.2	1.200	16.669	0.000	1			
	104:1.2 DL+1.2	1.200	17.731	0.000	1			
	105:1.2 DL+1.2	1.200	25.515	0.000	1			
	106:1.5 DL+1.5	1.200	5.364	0.000	1			
	107:1.5 DL+1.5	1.200	9.358	0.000	1			
	108:1.5 DL+1.5	1.200	10.686	0.000	1			
	109:1.5 DL+1.5	1.200	20.416	0.000	1			
	110:.9 DL+1.5 \	1.200				-3.670	0.000	1
	111:.9 DL+1.5 \	1.200	0.324	0.000	1			
	112:.9 DL+1.5 \	1.200	1.652	0.000	1			
	113:.9 DL+1.5 \	1.200	11.382	0.000	1			
	201:1 DL+1 LL	1.200	22.709	0.000	1			
	202:1 DL+0.8 L	1.200	11.994	0.000	1			
	203:1 DL+0.8 L	1.200	14.124	0.000	1			
	204:1 DL+0.8 L	1.200	14.832	0.000	1			
	205:1 DL+0.8 L	1.200	20.022	0.000	1			
94	1:DL	2.000				-18.870	0.000	1
	2:LL	2.000				-9.589	0.000	1
	3:WLX+CPI	2.000	12.227	0.000	1			
	4:WLZ+CPI	2.000	29.775	2.000	4	-19.364	2.000	2
	5:WLX-CPI	2.000	4.495	0.000	1			
	6:WLZ-CPI	2.000	52.093	2.000	1	-49.854	2.000	2
	101:1.5 DL+1.5	2.000				-42.689	0.000	1
	102:1.2 DL+1.2	2.000				-19.605	0.000	1
	103:1.2 DL+1.2	2.000	15.609	2.000	1	-46.482	2.000	3
	104:1.2 DL+1.2	2.000				-28.777	0.000	1
	105:1.2 DL+1.2	2.000	45.435	2.000	1	-86.113	2.000	3
	106:1.5 DL+1.5	2.000				-10.122	0.000	1
	107:1.5 DL+1.5	2.000	26.441	2.000	1	-46.767	2.000	3
	108:1.5 DL+1.5	2.000				-21.586	0.000	1
	109:1.5 DL+1.5	2.000	63.724	2.000	1	-96.306	2.000	3
	110:.9 DL+1.5 \	2.000	1.358	0.000	3	-1.860	0.000	1
	111:.9 DL+1.5 \	2.000	31.896	2.000	1	-37.845	2.000	3
	112:.9 DL+1.5 \	2.000				-10.265	0.000	1
	113:.9 DL+1.5 \	2.000	69.179	2.000	1	-87.385	2.000	3
	201:1 DL+1 LL	2.000				-28.459	0.000	1
	202:1 DL+0.8 L	2.000				-16.844	0.000	1
95	203:1 DL+0.8 L	2.000	8.640	0.000	1	-34.014	0.000	2
	204:1 DL+0.8 L	2.000				-22.958	0.000	1
	205:1 DL+0.8 L	2.000	28.472	2.000	1	-60.383	2.000	3
	1:DL	1.600				-1.004	0.000	1
	2:LL	1.600				-0.510	0.000	1
	3:WLX+CPI	1.600	0.105	0.000	1			
	4:WLZ+CPI	1.600	0.453	0.000	1			



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.600				-3.240	0.000	1
	6:WLZ-CPI	1.600	0.177	0.000	1			
	101:1.5 DL+1.5	1.600				-2.271	0.000	1
	102:1.2 DL+1.2	1.600				-1.691	0.000	1
	103:1.2 DL+1.2	1.600				-1.273	0.000	1
	104:1.2 DL+1.2	1.600				-5.705	0.000	1
	105:1.2 DL+1.2	1.600				-1.605	0.000	1
	106:1.5 DL+1.5	1.600				-1.348	0.000	1
	107:1.5 DL+1.5	1.600				-0.827	0.000	1
	108:1.5 DL+1.5	1.600				-6.366	0.000	1
	109:1.5 DL+1.5	1.600				-1.241	0.000	1
	110:.9 DL+1.5 \	1.600				-0.746	0.000	1
	111:.9 DL+1.5 \	1.600				-0.224	0.000	1
	112:.9 DL+1.5 \	1.600				-5.763	0.000	1
	113:.9 DL+1.5 \	1.600				-0.639	0.000	1
	201:1 DL+1 LL	1.600				-1.514	0.000	1
	202:1 DL+0.8 L	1.600				-1.328	0.000	1
	203:1 DL+0.8 L	1.600				-1.050	0.000	1
	204:1 DL+0.8 L	1.600				-4.004	0.000	1
	205:1 DL+0.8 L	1.600				-1.271	0.000	1
96	1:DL	2.000				-18.870	2.000	3
	2:LL	2.000				-9.589	2.000	3
	3:WLX+CPI	2.000	10.100	2.000	3			
	4:WLZ+CPI	2.000	29.775	0.000	1	-19.364	0.000	2
	5:WLX-CPI	2.000	4.475	2.000	3			
	6:WLZ-CPI	2.000	52.093	0.000	1	-49.854	0.000	2
	101:1.5 DL+1.5	2.000				-42.689	2.000	3
	102:1.2 DL+1.2	2.000				-22.152	2.000	3
	103:1.2 DL+1.2	2.000	15.609	0.000	1	-46.482	0.000	2
	104:1.2 DL+1.2	2.000				-28.783	2.000	3
	105:1.2 DL+1.2	2.000	45.435	0.000	1	-86.113	0.000	2
	106:1.5 DL+1.5	2.000				-13.305	2.000	3
	107:1.5 DL+1.5	2.000	26.441	0.000	1	-46.767	0.000	2
	108:1.5 DL+1.5	2.000				-21.595	2.000	3
	109:1.5 DL+1.5	2.000	63.724	0.000	1	-96.306	0.000	2
	110:.9 DL+1.5 \	2.000	0.630	2.000	1	-1.983	2.000	3
	111:.9 DL+1.5 \	2.000	31.896	0.000	1	-37.845	0.000	2
	112:.9 DL+1.5 \	2.000				-10.273	2.000	3
	113:.9 DL+1.5 \	2.000	69.179	0.000	1	-87.385	0.000	2
	201:1 DL+1 LL	2.000				-28.459	2.000	3
	202:1 DL+0.8 L	2.000				-18.542	2.000	3
	203:1 DL+0.8 L	2.000	8.640	2.000	1	-34.014	2.000	3
	204:1 DL+0.8 L	2.000				-22.963	2.000	3
	205:1 DL+0.8 L	2.000	28.472	0.000	1	-60.383	0.000	2
97	1:DL	2.000				-20.446	0.000	1
	2:LL	2.000				-10.390	0.000	1
	3:WLX+CPI	2.000	13.628	0.000	1			
	4:WLZ+CPI	2.000	11.723	0.000	1			



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	4.832	0.000	1			
	6:WLZ-CPI	2.000	2.157	0.000	1			
	101:1.5 DL+1.5	2.000				-46.255	0.000	1
	102:1.2 DL+1.2	2.000				-20.650	0.000	1
	103:1.2 DL+1.2	2.000				-22.937	0.000	1
	104:1.2 DL+1.2	2.000				-31.205	0.000	1
	105:1.2 DL+1.2	2.000				-34.416	0.000	1
	106:1.5 DL+1.5	2.000				-10.227	0.000	1
	107:1.5 DL+1.5	2.000				-13.086	0.000	1
	108:1.5 DL+1.5	2.000				-23.421	0.000	1
	109:1.5 DL+1.5	2.000				-27.435	0.000	1
	110:.9 DL+1.5 \	2.000	2.041	0.000	1			
	111:.9 DL+1.5 \	2.000				-0.818	0.000	1
	112:.9 DL+1.5 \	2.000				-11.154	0.000	1
	113:.9 DL+1.5 \	2.000				-15.167	0.000	1
	201:1 DL+1 LL	2.000				-30.837	0.000	1
	202:1 DL+0.8 L	2.000				-17.856	0.000	1
	203:1 DL+0.8 L	2.000				-19.380	0.000	1
	204:1 DL+0.8 L	2.000				-24.893	0.000	1
	205:1 DL+0.8 L	2.000				-27.033	0.000	1
98	1:DL	2.040				-25.574	0.000	1
	2:LL	2.040				-12.996	0.000	1
	3:WLX+CPI	2.040	17.436	0.000	1			
	4:WLZ+CPI	2.040	13.351	0.000	1			
	5:WLX-CPI	2.040	9.615	0.000	1			
	6:WLZ-CPI	2.040	2.403	0.000	1			
	101:1.5 DL+1.5	2.040				-57.855	0.000	1
	102:1.2 DL+1.2	2.040				-25.361	0.000	1
	103:1.2 DL+1.2	2.040				-30.262	0.000	1
	104:1.2 DL+1.2	2.040				-34.746	0.000	1
	105:1.2 DL+1.2	2.040				-43.400	0.000	1
	106:1.5 DL+1.5	2.040				-12.207	0.000	1
	107:1.5 DL+1.5	2.040				-18.333	0.000	1
	108:1.5 DL+1.5	2.040				-23.938	0.000	1
	109:1.5 DL+1.5	2.040				-34.756	0.000	1
	110:.9 DL+1.5 \	2.040	3.137	0.000	1			
	111:.9 DL+1.5 \	2.040				-2.989	0.000	1
	112:.9 DL+1.5 \	2.040				-8.594	0.000	1
	113:.9 DL+1.5 \	2.040				-19.412	0.000	1
	201:1 DL+1 LL	2.040				-38.570	0.000	1
	202:1 DL+0.8 L	2.040				-22.022	0.000	1
	203:1 DL+0.8 L	2.040				-25.289	0.000	1
	204:1 DL+0.8 L	2.040				-28.279	0.000	1
	205:1 DL+0.8 L	2.040				-34.048	0.000	1
99	1:DL	2.154				-16.589	0.000	1
	2:LL	2.154				-8.430	0.000	1
	3:WLX+CPI	2.154	10.827	0.000	1			
	4:WLZ+CPI	2.154	8.925	0.000	1			



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.154	9.714	0.000	1			
	6:WLZ-CPI	2.154	1.480	0.000	1			
	101:1.5 DL+1.5	2.154				-37.528	0.000	1
	102:1.2 DL+1.2	2.154				-17.031	0.000	1
	103:1.2 DL+1.2	2.154				-19.313	0.000	1
	104:1.2 DL+1.2	2.154				-18.366	0.000	1
	105:1.2 DL+1.2	2.154				-28.247	0.000	1
	106:1.5 DL+1.5	2.154				-8.643	0.000	1
	107:1.5 DL+1.5	2.154				-11.496	0.000	1
	108:1.5 DL+1.5	2.154				-10.312	0.000	1
	109:1.5 DL+1.5	2.154				-22.664	0.000	1
	110:.9 DL+1.5 \	2.154	1.310	0.000	1			
	111:.9 DL+1.5 \	2.154				-1.543	0.000	1
	112:.9 DL+1.5 \	2.154				-0.359	0.000	1
	113:.9 DL+1.5 \	2.154				-12.711	0.000	1
	201:1 DL+1 LL	2.154				-25.019	0.000	1
	202:1 DL+0.8 L	2.154				-14.672	0.000	1
	203:1 DL+0.8 L	2.154				-16.193	0.000	1
	204:1 DL+0.8 L	2.154				-15.562	0.000	1
	205:1 DL+0.8 L	2.154				-22.149	0.000	1
100	1:DL	2.332	0.681	0.000	1			
	2:LL	2.332	0.346	0.000	1			
	3:WLX+CPI	2.332				-2.910	0.000	1
	4:WLZ+CPI	2.332				-0.702	0.000	1
	5:WLX-CPI	2.332	4.621	0.000	1			
	6:WLZ-CPI	2.332				-0.213	0.000	1
	101:1.5 DL+1.5	2.332	1.541	0.000	1			
	102:1.2 DL+1.2	2.332				-2.259	0.000	1
	103:1.2 DL+1.2	2.332	0.391	0.000	1			
	104:1.2 DL+1.2	2.332	6.777	0.000	1			
	105:1.2 DL+1.2	2.332	0.977	0.000	1			
	106:1.5 DL+1.5	2.332				-3.343	0.000	1
	107:1.5 DL+1.5	2.332				-0.031	0.000	1
	108:1.5 DL+1.5	2.332	7.953	0.000	1			
	109:1.5 DL+1.5	2.332	0.702	0.000	1			
	110:.9 DL+1.5 \	2.332				-3.752	0.000	1
	111:.9 DL+1.5 \	2.332				-0.440	0.000	1
	112:.9 DL+1.5 \	2.332	7.544	0.000	1			
	113:.9 DL+1.5 \	2.332	0.293	0.000	1			
	201:1 DL+1 LL	2.332	1.027	0.000	1			
	202:1 DL+0.8 L	2.332				-1.370	0.000	1
	203:1 DL+0.8 L	2.332	0.397	0.000	1			
	204:1 DL+0.8 L	2.332	4.654	0.000	1			
	205:1 DL+0.8 L	2.332	0.787	0.000	1			
101	1:DL	2.561	2.683	0.000	1			
	2:LL	2.561	1.363	0.000	1			
	3:WLX+CPI	2.561				-5.973	0.000	1
	4:WLZ+CPI	2.561				-1.963	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.561	2.879	0.000	1			
	6:WLZ-CPI	2.561				-0.328	0.000	1
	101:1.5 DL+1.5	2.561	6.069	0.000	1			
	102:1.2 DL+1.2	2.561				-2.313	0.000	1
	103:1.2 DL+1.2	2.561	2.499	0.000	1			
	104:1.2 DL+1.2	2.561	8.310	0.000	1			
	105:1.2 DL+1.2	2.561	4.462	0.000	1			
	106:1.5 DL+1.5	2.561				-4.936	0.000	1
	107:1.5 DL+1.5	2.561	1.079	0.000	1			
	108:1.5 DL+1.5	2.561	8.342	0.000	1			
	109:1.5 DL+1.5	2.561	3.532	0.000	1			
	110:.9 DL+1.5 \	2.561				-6.546	0.000	1
	111:.9 DL+1.5 \	2.561				-0.531	0.000	1
	112:.9 DL+1.5 \	2.561	6.732	0.000	1			
	113:.9 DL+1.5 \	2.561	1.923	0.000	1			
	201:1 DL+1 LL	2.561	4.046	0.000	1			
	202:1 DL+0.8 L	2.561				-1.005	0.000	1
	203:1 DL+0.8 L	2.561	2.203	0.000	1			
	204:1 DL+0.8 L	2.561	6.076	0.000	1			
	205:1 DL+0.8 L	2.561	3.511	0.000	1			
102	1:DL	1.020	20.710	1.020	1			
	2:LL	1.020	10.524	1.020	1			
	3:WLX+CPI	1.020				-13.128	1.020	1
	4:WLZ+CPI	1.020	2.178	1.020	3	-15.803	1.020	1
	5:WLX-CPI	1.020	3.447	0.000	3	-10.148	0.000	1
	6:WLZ-CPI	1.020	11.886	1.020	3	-14.324	1.020	1
	101:1.5 DL+1.5	1.020	46.851	1.020	1			
	102:1.2 DL+1.2	1.020	21.778	1.020	1			
	103:1.2 DL+1.2	1.020	31.781	1.020	2	-3.079	1.020	4
	104:1.2 DL+1.2	1.020	26.452	1.020	1			
	105:1.2 DL+1.2	1.020	49.775	1.020	2	-7.648	1.020	4
	106:1.5 DL+1.5	1.020	11.442	1.020	1			
	107:1.5 DL+1.5	1.020	23.940	1.020	2	-7.038	1.020	4
	108:1.5 DL+1.5	1.020	19.652	0.000	1			
	109:1.5 DL+1.5	1.020	46.432	1.020	2	-12.749	1.020	4
	110:.9 DL+1.5 \	1.020	1.898	0.000	3	-2.636	0.000	1
	111:.9 DL+1.5 \	1.020	12.013	0.000	2	-10.047	0.000	1
	112:.9 DL+1.5 \	1.020	13.855	0.000	3	-1.504	0.000	1
	113:.9 DL+1.5 \	1.020	34.006	1.020	2	-15.259	1.020	4
	201:1 DL+1 LL	1.020	31.234	1.020	1			
	202:1 DL+0.8 L	1.020	18.659	1.020	1			
	203:1 DL+0.8 L	1.020	25.329	1.020	2	-1.216	1.020	4
	204:1 DL+0.8 L	1.020	21.777	1.020	1			
	205:1 DL+0.8 L	1.020	37.325	1.020	2	-4.262	1.020	4
103	1:DL	1.020	25.844	1.020	1			
	2:LL	1.020	13.133	1.020	1			
	3:WLX+CPI	1.020				-15.194	1.020	1
	4:WLZ+CPI	1.020	4.769	1.020	3	-19.315	1.020	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	1.539	0.000	3	-7.939	0.000	1
	6:WLZ-CPI	1.020	12.033	1.020	3	-14.624	1.020	1
	101:1.5 DL+1.5	1.020	58.465	1.020	1			
	102:1.2 DL+1.2	1.020	28.555	1.020	1	-0.823	1.020	3
	103:1.2 DL+1.2	1.020	36.657	1.020	2	-6.848	1.020	4
	104:1.2 DL+1.2	1.020	38.270	1.020	1			
	105:1.2 DL+1.2	1.020	58.185	1.020	2	-14.029	1.020	4
	106:1.5 DL+1.5	1.020	15.995	1.020	1	-1.237	1.020	3
	107:1.5 DL+1.5	1.020	26.122	1.020	2	-8.767	1.020	4
	108:1.5 DL+1.5	1.020	28.138	1.020	1			
	109:1.5 DL+1.5	1.020	53.032	1.020	2	-17.744	1.020	4
	110:.9 DL+1.5 \	1.020	0.489	1.020	1	-1.401	1.020	3
	111:.9 DL+1.5 \	1.020	10.889	0.000	2	-9.203	0.000	1
	112:.9 DL+1.5 \	1.020	12.633	1.020	1			
	113:.9 DL+1.5 \	1.020	37.525	1.020	2	-17.907	1.020	4
	201:1 DL+1 LL	1.020	38.977	1.020	1			
	202:1 DL+0.8 L	1.020	24.205	1.020	1	-0.494	1.020	3
	203:1 DL+0.8 L	1.020	29.607	1.020	2	-4.511	1.020	4
	204:1 DL+0.8 L	1.020	30.682	1.020	1			
	205:1 DL+0.8 L	1.020	43.959	1.020	2	-9.298	1.020	4
104	1:DL	1.020	24.794	0.000	1			
	2:LL	1.020	12.600	0.000	1			
	3:WLX+CPI	1.020				-14.709	0.000	1
	4:WLZ+CPI	1.020	4.420	1.020	3	-19.080	1.020	1
	5:WLX-CPI	1.020				-5.860	0.000	1
	6:WLZ-CPI	1.020	11.920	0.000	2	-14.522	0.000	1
	101:1.5 DL+1.5	1.020	56.091	0.000	1			
	102:1.2 DL+1.2	1.020	27.287	1.020	1	-0.173	1.020	3
	103:1.2 DL+1.2	1.020	35.034	0.000	1	-5.776	0.000	4
	104:1.2 DL+1.2	1.020	38.376	1.020	1			
	105:1.2 DL+1.2	1.020	56.361	0.000	1	-12.633	0.000	4
	106:1.5 DL+1.5	1.020	15.350	1.020	1	-1.191	1.020	3
	107:1.5 DL+1.5	1.020	24.893	0.000	1	-8.053	0.000	4
	108:1.5 DL+1.5	1.020	29.211	1.020	1			
	109:1.5 DL+1.5	1.020	51.551	0.000	1	-16.625	0.000	4
	110:.9 DL+1.5 \	1.020	0.584	1.020	1	-1.958	1.020	3
	111:.9 DL+1.5 \	1.020	10.017	0.000	2	-8.709	0.000	1
	112:.9 DL+1.5 \	1.020	14.446	1.020	1	-0.062	1.020	3
	113:.9 DL+1.5 \	1.020	36.674	0.000	1	-17.280	0.000	4
	201:1 DL+1 LL	1.020	37.394	0.000	1			
	202:1 DL+0.8 L	1.020	23.113	0.000	1			
	203:1 DL+0.8 L	1.020	28.315	0.000	1	-3.632	0.000	4
	204:1 DL+0.8 L	1.020	30.506	1.020	1			
	205:1 DL+0.8 L	1.020	42.533	0.000	1	-8.204	0.000	4
105	1:DL	1.020	21.101	0.000	1			
	2:LL	1.020	10.723	0.000	1			
	3:WLX+CPI	1.020				-12.824	0.000	1
	4:WLZ+CPI	1.020	2.799	0.000	3	-17.332	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020				-4.101	0.000	1
	6:WLZ-CPI	1.020	11.592	0.000	2	-14.172	0.000	1
	101:1.5 DL+1.5	1.020	47.737	0.000	1			
	102:1.2 DL+1.2	1.020	22.818	0.000	1			
	103:1.2 DL+1.2	1.020	30.435	0.000	1	-2.185	0.000	4
	104:1.2 DL+1.2	1.020	33.270	0.000	1			
	105:1.2 DL+1.2	1.020	50.095	0.000	1	-7.501	0.000	4
	106:1.5 DL+1.5	1.020	12.438	0.000	1			
	107:1.5 DL+1.5	1.020	21.959	0.000	1	-5.890	0.000	4
	108:1.5 DL+1.5	1.020	25.502	0.000	1			
	109:1.5 DL+1.5	1.020	46.535	0.000	1	-12.536	0.000	4
	110:.9 DL+1.5 \	1.020	0.196	1.020	1	-2.253	1.020	3
	111:.9 DL+1.5 \	1.020	9.299	0.000	2	-8.377	0.000	1
	112:.9 DL+1.5 \	1.020	12.842	0.000	1			
	113:.9 DL+1.5 \	1.020	33.874	0.000	2	-15.023	0.000	1
	201:1 DL+1 LL	1.020	31.824	0.000	1			
	202:1 DL+0.8 L	1.020	19.432	0.000	1			
	203:1 DL+0.8 L	1.020	24.510	0.000	1	-0.627	0.000	4
	204:1 DL+0.8 L	1.020	26.400	0.000	1			
	205:1 DL+0.8 L	1.020	37.617	0.000	1	-4.172	0.000	4
106	1:DL	2.000	2.357	2.000	3	-22.551	2.000	1
	2:LL	2.000	1.192	2.000	3	-11.455	2.000	1
	3:WLX+CPI	2.000	10.089	2.000	1			
	4:WLZ+CPI	2.000	21.140	2.000	2	-12.691	2.000	4
	5:WLX-CPI	2.000	12.122	2.000	4	-5.151	2.000	2
	6:WLZ-CPI	2.000	20.145	0.000	1	-18.241	0.000	2
	101:1.5 DL+1.5	2.000	5.324	2.000	3	-51.009	2.000	1
	102:1.2 DL+1.2	2.000	7.621	2.000	3	-30.412	2.000	1
	103:1.2 DL+1.2	2.000	7.172	2.000	3	-33.581	2.000	1
	104:1.2 DL+1.2	2.000	18.608	2.000	3	-46.791	2.000	1
	105:1.2 DL+1.2	2.000	25.267	2.000	3	-59.530	2.000	1
	106:1.5 DL+1.5	2.000	7.900	2.000	4	-20.994	2.000	2
	107:1.5 DL+1.5	2.000	8.766	0.000	1	-26.385	0.000	2
	108:1.5 DL+1.5	2.000	21.471	2.000	3	-41.307	2.000	1
	109:1.5 DL+1.5	2.000	29.796	2.000	3	-57.231	2.000	1
	110:.9 DL+1.5 \	2.000	6.626	2.000	4	-7.604	2.000	2
	111:.9 DL+1.5 \	2.000	12.621	0.000	1	-18.122	0.000	2
	112:.9 DL+1.5 \	2.000	20.093	2.000	3	-27.811	2.000	1
	113:.9 DL+1.5 \	2.000	28.382	2.000	3	-43.700	2.000	1
	201:1 DL+1 LL	2.000	3.549	2.000	3	-34.006	2.000	1
	202:1 DL+0.8 L	2.000	5.505	2.000	3	-24.738	2.000	1
	203:1 DL+0.8 L	2.000	5.253	2.000	3	-26.898	2.000	1
	204:1 DL+0.8 L	2.000	12.877	2.000	3	-35.704	2.000	1
	205:1 DL+0.8 L	2.000	17.316	2.000	3	-44.197	2.000	1
107	1:DL	2.000	1.131	0.000	1	-21.326	0.000	3
	2:LL	2.000	0.573	0.000	1	-10.835	0.000	3
	3:WLX+CPI	2.000	13.080	0.000	3	-1.615	0.000	1
	4:WLZ+CPI	2.000	34.340	0.000	1	-25.891	0.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	10.377	2.000	3	-3.406	2.000	1
	6:WLZ-CPI	2.000	57.441	0.000	1	-55.537	0.000	2
	101:1.5 DL+1.5	2.000	2.556	0.000	1	-48.242	0.000	3
	102:1.2 DL+1.2	2.000	1.836	0.000	1	-24.627	0.000	3
	103:1.2 DL+1.2	2.000	30.202	0.000	1	-56.612	0.000	2
	104:1.2 DL+1.2	2.000	0.478	0.000	1	-28.662	0.000	3
	105:1.2 DL+1.2	2.000	68.320	0.000	1	-102.583	0.000	2
	106:1.5 DL+1.5	2.000	1.497	0.000	2	-14.591	0.000	1
	107:1.5 DL+1.5	2.000	36.894	0.000	1	-54.512	0.000	2
	108:1.5 DL+1.5	2.000				-19.635	0.000	1
	109:1.5 DL+1.5	2.000	84.542	0.000	1	-111.977	0.000	2
	110:.9 DL+1.5 \	2.000	1.613	2.000	3	-2.591	2.000	1
	111:.9 DL+1.5 \	2.000	36.215	0.000	1	-41.717	0.000	2
	112:.9 DL+1.5 \	2.000	3.171	2.000	3	-10.889	2.000	1
	113:.9 DL+1.5 \	2.000	83.863	0.000	1	-99.181	0.000	2
	201:1 DL+1 LL	2.000	1.704	0.000	1	-32.161	0.000	3
	202:1 DL+0.8 L	2.000	1.433	0.000	1	-20.665	0.000	3
	203:1 DL+0.8 L	2.000	20.361	0.000	1	-42.007	0.000	2
	204:1 DL+0.8 L	2.000	0.528	0.000	1	-23.355	0.000	3
	205:1 DL+0.8 L	2.000	45.773	0.000	1	-72.654	0.000	2
108	1:DL	2.000				-22.506	2.000	3
	2:LL	2.000				-11.435	2.000	3
	3:WLX+CPI	2.000	13.573	2.000	3	-0.881	2.000	1
	4:WLZ+CPI	2.000	24.162	0.000	1	-14.477	0.000	2
	5:WLX-CPI	2.000	8.326	2.000	3	-1.250	2.000	1
	6:WLZ-CPI	2.000	32.192	0.000	1	-30.065	0.000	2
	101:1.5 DL+1.5	2.000				-50.910	2.000	3
	102:1.2 DL+1.2	2.000	0.629	0.000	2	-26.231	0.000	1
	103:1.2 DL+1.2	2.000	14.715	0.000	1	-43.926	0.000	2
	104:1.2 DL+1.2	2.000	0.692	0.000	1	-33.034	0.000	3
	105:1.2 DL+1.2	2.000	35.850	0.000	1	-74.131	0.000	2
	106:1.5 DL+1.5	2.000	0.872	0.000	1	-15.677	0.000	3
	107:1.5 DL+1.5	2.000	18.452	0.000	1	-37.768	0.000	2
	108:1.5 DL+1.5	2.000	0.929	0.000	1	-24.158	0.000	3
	109:1.5 DL+1.5	2.000	44.871	0.000	1	-75.524	0.000	2
	110:.9 DL+1.5 \	2.000	0.941	0.000	1	-2.208	0.000	3
	111:.9 DL+1.5 \	2.000	18.497	0.000	1	-24.275	0.000	2
	112:.9 DL+1.5 \	2.000	0.998	0.000	1	-10.690	0.000	3
	113:.9 DL+1.5 \	2.000	44.916	0.000	1	-62.031	0.000	2
	201:1 DL+1 LL	2.000				-33.940	2.000	3
	202:1 DL+0.8 L	2.000	0.396	0.000	2	-21.977	0.000	1
	203:1 DL+0.8 L	2.000	9.795	0.000	1	-33.782	0.000	2
	204:1 DL+0.8 L	2.000	0.447	0.000	1	-26.520	0.000	3
	205:1 DL+0.8 L	2.000	23.885	0.000	1	-53.918	0.000	2
109	1:DL	2.000				-23.215	2.000	3
	2:LL	2.000				-11.796	2.000	3
	3:WLX+CPI	2.000	12.982	2.000	3			
	4:WLZ+CPI	2.000	27.156	0.000	1	-16.689	0.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	6.223	2.000	3			
	6:WLZ-CPI	2.000	42.163	0.000	1	-39.906	0.000	2
	101:1.5 DL+1.5	2.000				-52.517	2.000	3
	102:1.2 DL+1.2	2.000				-27.102	2.000	4
	103:1.2 DL+1.2	2.000	14.472	0.000	1	-45.376	0.000	2
	104:1.2 DL+1.2	2.000				-34.546	2.000	3
	105:1.2 DL+1.2	2.000	39.738	0.000	1	-80.495	0.000	2
	106:1.5 DL+1.5	2.000	0.338	2.000	2	-16.211	2.000	4
	107:1.5 DL+1.5	2.000	21.992	0.000	1	-42.315	0.000	2
	108:1.5 DL+1.5	2.000				-25.494	2.000	3
	109:1.5 DL+1.5	2.000	53.574	0.000	1	-86.213	0.000	2
	110:.9 DL+1.5 \	2.000	0.843	2.000	2	-2.306	2.000	4
	111:.9 DL+1.5 \	2.000	25.063	0.000	1	-30.976	0.000	2
	112:.9 DL+1.5 \	2.000	0.099	2.000	1	-11.589	2.000	3
	113:.9 DL+1.5 \	2.000	56.645	0.000	1	-74.875	0.000	2
	201:1 DL+1 LL	2.000				-35.011	2.000	3
	202:1 DL+0.8 L	2.000				-22.703	2.000	4
	203:1 DL+0.8 L	2.000	9.086	2.000	1	-34.492	2.000	3
	204:1 DL+0.8 L	2.000				-27.674	2.000	3
	205:1 DL+0.8 L	2.000	25.468	0.000	1	-57.443	0.000	2
110	1:DL	0.400	17.737	0.000	1			
	2:LL	0.400	9.014	0.000	1			
	3:WLX+CPI	0.400				-8.503	0.000	1
	4:WLZ+CPI	0.400				-10.242	0.000	1
	5:WLX-CPI	0.400				-1.003	0.000	1
	6:WLZ-CPI	0.400				-1.750	0.000	1
	101:1.5 DL+1.5	0.400	40.127	0.000	1			
	102:1.2 DL+1.2	0.400	21.898	0.000	1			
	103:1.2 DL+1.2	0.400	19.812	0.000	1			
	104:1.2 DL+1.2	0.400	30.899	0.000	1			
	105:1.2 DL+1.2	0.400	30.002	0.000	1			
	106:1.5 DL+1.5	0.400	13.852	0.000	1			
	107:1.5 DL+1.5	0.400	11.243	0.000	1			
	108:1.5 DL+1.5	0.400	25.102	0.000	1			
	109:1.5 DL+1.5	0.400	23.981	0.000	1			
	110:.9 DL+1.5 \	0.400	3.209	0.000	1			
	111:.9 DL+1.5 \	0.400	0.601	0.000	1			
	112:.9 DL+1.5 \	0.400	14.460	0.000	1			
	113:.9 DL+1.5 \	0.400	13.338	0.000	1			
	201:1 DL+1 LL	0.400	26.752	0.000	1			
	202:1 DL+0.8 L	0.400	18.146	0.000	1			
	203:1 DL+0.8 L	0.400	16.755	0.000	1			
	204:1 DL+0.8 L	0.400	24.147	0.000	1			
	205:1 DL+0.8 L	0.400	23.549	0.000	1			
111	1:DL	0.800	20.044	0.000	1			
	2:LL	0.800	10.186	0.000	1			
	3:WLX+CPI	0.800				-9.708	0.000	1
	4:WLZ+CPI	0.800				-11.640	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	0.800	0.386	0.000	1			
	6:WLZ-CPI	0.800				-1.965	0.000	1
	101:1.5 DL+1.5	0.800	45.346	0.000	1			
	102:1.2 DL+1.2	0.800	24.627	0.000	1			
	103:1.2 DL+1.2	0.800	22.309	0.000	1			
	104:1.2 DL+1.2	0.800	36.740	0.000	1			
	105:1.2 DL+1.2	0.800	33.919	0.000	1			
	106:1.5 DL+1.5	0.800	15.504	0.000	1			
	107:1.5 DL+1.5	0.800	12.606	0.000	1			
	108:1.5 DL+1.5	0.800	30.645	0.000	1			
	109:1.5 DL+1.5	0.800	27.119	0.000	1			
	110:.9 DL+1.5 \	0.800	3.478	0.000	1			
	111:.9 DL+1.5 \	0.800	0.580	0.000	1			
	112:.9 DL+1.5 \	0.800	18.619	0.000	1			
	113:.9 DL+1.5 \	0.800	15.092	0.000	1			
	201:1 DL+1 LL	0.800	30.230	0.000	1			
	202:1 DL+0.8 L	0.800	20.427	0.000	1			
	203:1 DL+0.8 L	0.800	18.881	0.000	1			
	204:1 DL+0.8 L	0.800	28.502	0.000	1			
	205:1 DL+0.8 L	0.800	26.621	0.000	1			
112	1:DL	1.200	15.057	0.000	1			
	2:LL	1.200	7.652	0.000	1			
	3:WLX+CPI	1.200				-7.364	0.000	1
	4:WLZ+CPI	1.200				-8.818	0.000	1
	5:WLX-CPI	1.200	2.276	0.000	1			
	6:WLZ-CPI	1.200				-1.446	0.000	1
	101:1.5 DL+1.5	1.200	34.064	0.000	1			
	102:1.2 DL+1.2	1.200	18.415	0.000	1			
	103:1.2 DL+1.2	1.200	16.669	0.000	1			
	104:1.2 DL+1.2	1.200	29.983	0.000	1			
	105:1.2 DL+1.2	1.200	25.515	0.000	1			
	106:1.5 DL+1.5	1.200	11.540	0.000	1			
	107:1.5 DL+1.5	1.200	9.358	0.000	1			
	108:1.5 DL+1.5	1.200	26.000	0.000	1			
	109:1.5 DL+1.5	1.200	20.416	0.000	1			
	110:.9 DL+1.5 \	1.200	2.506	0.000	1			
	111:.9 DL+1.5 \	1.200	0.324	0.000	1			
	112:.9 DL+1.5 \	1.200	16.966	0.000	1			
	113:.9 DL+1.5 \	1.200	11.382	0.000	1			
	201:1 DL+1 LL	1.200	22.709	0.000	1			
	202:1 DL+0.8 L	1.200	15.288	0.000	1			
	203:1 DL+0.8 L	1.200	14.124	0.000	1			
	204:1 DL+0.8 L	1.200	23.000	0.000	1			
	205:1 DL+0.8 L	1.200	20.022	0.000	1			
113	1:DL	1.600				-1.004	0.000	1
	2:LL	1.600				-0.510	0.000	1
	3:WLX+CPI	1.600	1.826	0.000	1			
	4:WLZ+CPI	1.600	0.453	0.000	1			



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.600	4.467	0.000	1			
	6:WLZ-CPI	1.600	0.177	0.000	1			
	101:1.5 DL+1.5	1.600				-2.271	0.000	1
	102:1.2 DL+1.2	1.600	0.374	0.000	1			
	103:1.2 DL+1.2	1.600				-1.273	0.000	1
	104:1.2 DL+1.2	1.600	3.543	0.000	1			
	105:1.2 DL+1.2	1.600				-1.605	0.000	1
	106:1.5 DL+1.5	1.600	1.233	0.000	1			
	107:1.5 DL+1.5	1.600				-0.827	0.000	1
	108:1.5 DL+1.5	1.600	5.194	0.000	1			
	109:1.5 DL+1.5	1.600				-1.241	0.000	1
	110:.9 DL+1.5 \	1.600	1.835	0.000	1			
	111:.9 DL+1.5 \	1.600				-0.224	0.000	1
	112:.9 DL+1.5 \	1.600	5.797	0.000	1			
	113:.9 DL+1.5 \	1.600				-0.639	0.000	1
	201:1 DL+1 LL	1.600				-1.514	0.000	1
	202:1 DL+0.8 L	1.600	0.049	0.000	1			
	203:1 DL+0.8 L	1.600				-1.050	0.000	1
	204:1 DL+0.8 L	1.600	2.161	0.000	1			
	205:1 DL+0.8 L	1.600				-1.271	0.000	1
114	1:DL	2.040				-25.574	0.000	1
	2:LL	2.040				-12.996	0.000	1
	3:WLX+CPI	2.040	13.261	0.000	1			
	4:WLZ+CPI	2.040	13.351	0.000	1			
	5:WLX-CPI	2.040	1.136	0.000	1			
	6:WLZ-CPI	2.040	2.403	0.000	1			
	101:1.5 DL+1.5	2.040				-57.855	0.000	1
	102:1.2 DL+1.2	2.040				-30.370	0.000	1
	103:1.2 DL+1.2	2.040				-30.262	0.000	1
	104:1.2 DL+1.2	2.040				-44.920	0.000	1
	105:1.2 DL+1.2	2.040				-43.400	0.000	1
	106:1.5 DL+1.5	2.040				-18.469	0.000	1
	107:1.5 DL+1.5	2.040				-18.333	0.000	1
	108:1.5 DL+1.5	2.040				-36.656	0.000	1
	109:1.5 DL+1.5	2.040				-34.756	0.000	1
	110:.9 DL+1.5 \	2.040				-3.125	0.000	1
	111:.9 DL+1.5 \	2.040				-2.989	0.000	1
	112:.9 DL+1.5 \	2.040				-21.312	0.000	1
	113:.9 DL+1.5 \	2.040				-19.412	0.000	1
	201:1 DL+1 LL	2.040				-38.570	0.000	1
	202:1 DL+0.8 L	2.040				-25.362	0.000	1
	203:1 DL+0.8 L	2.040				-25.289	0.000	1
	204:1 DL+0.8 L	2.040				-35.062	0.000	1
	205:1 DL+0.8 L	2.040				-34.048	0.000	1
115	1:DL	2.154				-16.589	0.000	1
	2:LL	2.154				-8.430	0.000	1
	3:WLX+CPI	2.154	8.467	0.000	1			
	4:WLZ+CPI	2.154	8.925	0.000	1			



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.154				-3.727	0.000	1
	6:WLZ-CPI	2.154	1.480	0.000	1			
	101:1.5 DL+1.5	2.154				-37.528	0.000	1
	102:1.2 DL+1.2	2.154				-19.863	0.000	1
	103:1.2 DL+1.2	2.154				-19.313	0.000	1
	104:1.2 DL+1.2	2.154				-34.496	0.000	1
	105:1.2 DL+1.2	2.154				-28.247	0.000	1
	106:1.5 DL+1.5	2.154				-12.183	0.000	1
	107:1.5 DL+1.5	2.154				-11.496	0.000	1
	108:1.5 DL+1.5	2.154				-30.474	0.000	1
	109:1.5 DL+1.5	2.154				-22.664	0.000	1
	110:.9 DL+1.5 \	2.154				-2.230	0.000	1
	111:.9 DL+1.5 \	2.154				-1.543	0.000	1
	112:.9 DL+1.5 \	2.154				-20.521	0.000	1
	113:.9 DL+1.5 \	2.154				-12.711	0.000	1
	201:1 DL+1 LL	2.154				-25.019	0.000	1
	202:1 DL+0.8 L	2.154				-16.560	0.000	1
	203:1 DL+0.8 L	2.154				-16.193	0.000	1
	204:1 DL+0.8 L	2.154				-26.315	0.000	1
	205:1 DL+0.8 L	2.154				-22.149	0.000	1
116	1:DL	2.332	0.681	0.000	1			
	2:LL	2.332	0.346	0.000	1			
	3:WLX+CPI	2.332	0.489	0.000	1			
	4:WLZ+CPI	2.332				-0.702	0.000	1
	5:WLX-CPI	2.332				-5.935	0.000	1
	6:WLZ-CPI	2.332				-0.213	0.000	1
	101:1.5 DL+1.5	2.332	1.541	0.000	1			
	102:1.2 DL+1.2	2.332	1.819	0.000	1			
	103:1.2 DL+1.2	2.332	0.391	0.000	1			
	104:1.2 DL+1.2	2.332				-5.890	0.000	1
	105:1.2 DL+1.2	2.332	0.977	0.000	1			
	106:1.5 DL+1.5	2.332	1.754	0.000	1			
	107:1.5 DL+1.5	2.332				-0.031	0.000	1
	108:1.5 DL+1.5	2.332				-7.881	0.000	1
	109:1.5 DL+1.5	2.332	0.702	0.000	1			
	110:.9 DL+1.5 \	2.332	1.346	0.000	1			
	111:.9 DL+1.5 \	2.332				-0.440	0.000	1
	112:.9 DL+1.5 \	2.332				-8.290	0.000	1
	113:.9 DL+1.5 \	2.332	0.293	0.000	1			
	201:1 DL+1 LL	2.332	1.027	0.000	1			
	202:1 DL+0.8 L	2.332	1.349	0.000	1			
	203:1 DL+0.8 L	2.332	0.397	0.000	1			
	204:1 DL+0.8 L	2.332				-3.790	0.000	1
	205:1 DL+0.8 L	2.332	0.787	0.000	1			
117	1:DL	2.561	2.683	0.000	1			
	2:LL	2.561	1.363	0.000	1			
	3:WLX+CPI	2.561	1.722	0.000	1			
	4:WLZ+CPI	2.561				-1.963	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.561				-4.159	0.000	1
	6:WLZ-CPI	2.561				-0.328	0.000	1
	101:1.5 DL+1.5	2.561	6.069	0.000	1			
	102:1.2 DL+1.2	2.561	6.922	0.000	1			
	103:1.2 DL+1.2	2.561	2.499	0.000	1			
	104:1.2 DL+1.2	2.561				-0.135	0.000	1
	105:1.2 DL+1.2	2.561	4.462	0.000	1			
	106:1.5 DL+1.5	2.561	6.608	0.000	1			
	107:1.5 DL+1.5	2.561	1.079	0.000	1			
	108:1.5 DL+1.5	2.561				-2.214	0.000	1
	109:1.5 DL+1.5	2.561	3.532	0.000	1			
	110:.9 DL+1.5 \	2.561	4.998	0.000	1			
	111:.9 DL+1.5 \	2.561				-0.531	0.000	1
	112:.9 DL+1.5 \	2.561				-3.824	0.000	1
	113:.9 DL+1.5 \	2.561	1.923	0.000	1			
	201:1 DL+1 LL	2.561	4.046	0.000	1			
	202:1 DL+0.8 L	2.561	5.151	0.000	1			
	203:1 DL+0.8 L	2.561	2.203	0.000	1			
	204:1 DL+0.8 L	2.561	0.446	0.000	1			
	205:1 DL+0.8 L	2.561	3.511	0.000	1			
118	1:DL	7.000	32.045	7.000	3	-19.935	7.000	1
	2:LL	7.000	16.136	7.000	3	-10.234	7.000	1
	3:WLX+CPI	7.000	23.533	7.000	1	-32.349	7.000	3
	4:WLZ+CPI	7.000	15.106	7.000	1	-20.984	7.000	3
	5:WLX-CPI	7.000	23.532	5.250	1	-27.381	5.250	3
	6:WLZ-CPI	7.000	1.732	7.000	1	-1.774	7.000	3
	101:1.5 DL+1.5	7.000	72.272	7.000	3	-45.253	7.000	1
	102:1.2 DL+1.2	7.000	18.999	7.000	3	-7.963	7.000	1
	103:1.2 DL+1.2	7.000	34.553	5.250	4	-19.656	5.833	2
	104:1.2 DL+1.2	7.000	27.676	7.000	3	-10.680	7.000	1
	105:1.2 DL+1.2	7.000	56.850	7.000	3	-35.285	7.000	1
	106:1.5 DL+1.5	7.000	7.341	4.083	1	-1.613	4.667	3
	107:1.5 DL+1.5	7.000	25.105	4.083	4	-14.843	4.083	2
	108:1.5 DL+1.5	7.000	21.249	3.500	1	-7.761	3.500	3
	109:1.5 DL+1.5	7.000	46.858	7.000	3	-28.755	7.000	1
	110:.9 DL+1.5 \	7.000	17.358	7.000	1	-19.683	7.000	3
	111:.9 DL+1.5 \	7.000	12.926	3.500	4	-10.186	3.500	2
	112:.9 DL+1.5 \	7.000	25.394	4.083	1	-19.720	4.083	3
	113:.9 DL+1.5 \	7.000	27.631	7.000	4	-16.794	7.000	2
	201:1 DL+1 LL	7.000	48.181	7.000	3	-30.169	7.000	1
	202:1 DL+0.8 L	7.000	19.075	7.000	3	-9.295	7.000	1
119	203:1 DL+0.8 L	7.000	28.574	5.833	4	-16.317	6.417	2
	204:1 DL+0.8 L	7.000	24.860	7.000	3	-11.107	7.000	1
	205:1 DL+0.8 L	7.000	44.309	7.000	3	-27.510	7.000	1
	1:DL	7.000	32.045	7.000	1	-19.935	7.000	3
	2:LL	7.000	16.136	7.000	1	-10.234	7.000	3
	3:WLX+CPI	7.000	4.419	7.000	3	-10.797	7.000	1
	4:WLZ+CPI	7.000	15.106	7.000	3	-20.984	7.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	7.000	16.815	7.000	1	-17.486	7.000	3
	6:WLZ-CPI	7.000	1.732	7.000	4	-1.774	7.000	2
	101:1.5 DL+1.5	7.000	72.272	7.000	1	-45.253	7.000	3
	102:1.2 DL+1.2	7.000	44.862	7.000	1	-30.899	7.000	3
	103:1.2 DL+1.2	7.000	34.553	5.250	1	-19.656	5.833	3
	104:1.2 DL+1.2	7.000	77.921	7.000	1	-57.111	7.000	3
	105:1.2 DL+1.2	7.000	56.850	7.000	1	-35.285	7.000	3
	106:1.5 DL+1.5	7.000	33.038	5.833	1	-24.073	5.833	3
	107:1.5 DL+1.5	7.000	25.105	4.083	1	-14.843	4.083	3
	108:1.5 DL+1.5	7.000	73.197	7.000	1	-56.038	7.000	3
	109:1.5 DL+1.5	7.000	46.858	7.000	1	-28.755	7.000	3
	110:.9 DL+1.5 \	7.000	17.872	4.667	1	-16.100	4.667	3
	111:.9 DL+1.5 \	7.000	12.926	3.500	1	-10.186	3.500	3
	112:.9 DL+1.5 \	7.000	53.970	7.000	1	-44.077	7.000	3
	113:.9 DL+1.5 \	7.000	27.631	7.000	1	-16.794	7.000	3
	201:1 DL+1 LL	7.000	48.181	7.000	1	-30.169	7.000	3
	202:1 DL+0.8 L	7.000	36.317	7.000	1	-24.586	7.000	3
	203:1 DL+0.8 L	7.000	28.574	5.833	1	-16.317	6.417	3
	204:1 DL+0.8 L	7.000	58.356	7.000	1	-42.061	7.000	3
	205:1 DL+0.8 L	7.000	44.309	7.000	1	-27.510	7.000	3
120	1:DL	2.000	2.324	0.000	3	-22.348	0.000	1
	2:LL	2.000	1.175	0.000	3	-11.352	0.000	1
	3:WLX+CPI	2.000	19.387	0.000	1	-7.782	0.000	3
	4:WLZ+CPI	2.000	20.123	0.000	1	-12.703	0.000	4
	5:WLX-CPI	2.000	13.103	0.000	1	-9.507	0.000	3
	6:WLZ-CPI	2.000	19.474	2.000	1	-18.540	2.000	2
	101:1.5 DL+1.5	2.000	5.249	0.000	3	-50.549	0.000	1
	102:1.2 DL+1.2	2.000				-17.979	0.000	1
	103:1.2 DL+1.2	2.000	7.053	0.000	3	-34.388	0.000	1
	104:1.2 DL+1.2	2.000				-27.192	2.000	3
	105:1.2 DL+1.2	2.000	24.720	0.000	3	-59.840	0.000	1
	106:1.5 DL+1.5	2.000				-11.433	2.000	3
	107:1.5 DL+1.5	2.000	8.440	2.000	1	-27.345	2.000	3
	108:1.5 DL+1.5	2.000				-23.517	2.000	3
	109:1.5 DL+1.5	2.000	29.291	0.000	3	-57.926	0.000	1
	110:.9 DL+1.5 \	2.000	9.168	0.000	1	-9.782	0.000	3
	111:.9 DL+1.5 \	2.000	12.209	2.000	1	-19.100	2.000	3
	112:.9 DL+1.5 \	2.000	2.644	2.000	1	-15.271	2.000	3
	113:.9 DL+1.5 \	2.000	28.030	0.000	2	-44.651	0.000	1
	201:1 DL+1 LL	2.000	3.499	0.000	3	-33.699	0.000	1
	202:1 DL+0.8 L	2.000				-16.456	0.000	1
121	203:1 DL+0.8 L	2.000	5.122	0.000	3	-27.351	0.000	1
	204:1 DL+0.8 L	2.000				-20.950	0.000	1
	205:1 DL+0.8 L	2.000	16.900	0.000	3	-44.318	0.000	1
	1:DL	1.020	24.716	0.000	3	-2.112	0.000	1
	2:LL	1.020	12.555	0.000	3	-1.067	0.000	1
	3:WLX+CPI	1.020	7.733	0.000	1	-21.454	0.000	3
	4:WLZ+CPI	1.020	11.396	0.000	1	-22.499	0.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	10.275	0.000	1	-13.181	0.000	3
	6:WLZ-CPI	1.020	17.576	0.000	1	-18.696	0.000	2
	101:1.5 DL+1.5	1.020	55.907	0.000	3	-4.769	0.000	1
	102:1.2 DL+1.2	1.020	19.826	0.000	1			
	103:1.2 DL+1.2	1.020	35.709	0.000	1	-8.122	0.000	2
	104:1.2 DL+1.2	1.020	28.915	0.000	1			
	105:1.2 DL+1.2	1.020	63.851	0.000	1	-24.285	0.000	2
	106:1.5 DL+1.5	1.020	10.246	1.020	2			
	107:1.5 DL+1.5	1.020	25.963	0.000	1	-8.710	0.000	2
	108:1.5 DL+1.5	1.020	20.251	1.020	1			
	109:1.5 DL+1.5	1.020	61.141	0.000	1	-28.914	0.000	2
	110:.9 DL+1.5 \	1.020	9.908	0.000	1	-10.144	0.000	3
	111:.9 DL+1.5 \	1.020	15.194	0.000	1	-11.505	0.000	2
	112:.9 DL+1.5 \	1.020	15.695	1.020	1			
	113:.9 DL+1.5 \	1.020	46.450	0.000	1	-27.786	0.000	2
	201:1 DL+1 LL	1.020	37.271	0.000	3	-3.179	0.000	1
	202:1 DL+0.8 L	1.020	18.161	0.000	1			
	203:1 DL+0.8 L	1.020	28.703	0.000	1	-5.791	0.000	2
	204:1 DL+0.8 L	1.020	24.220	0.000	1			
	205:1 DL+0.8 L	1.020	47.465	0.000	1	-16.566	0.000	2
122	1:DL	1.020	24.716	0.000	3	-2.112	0.000	1
	2:LL	1.020	12.555	0.000	3	-1.067	0.000	1
	3:WLX+CPI	1.020				-11.193	0.000	1
	4:WLZ+CPI	1.020	11.396	0.000	2	-22.499	0.000	1
	5:WLX-CPI	1.020	5.303	0.000	3	-11.839	0.000	1
	6:WLZ-CPI	1.020	17.576	0.000	2	-18.696	0.000	1
	101:1.5 DL+1.5	1.020	55.907	0.000	3	-4.769	0.000	1
	102:1.2 DL+1.2	1.020	32.192	0.000	3	-8.076	0.000	1
	103:1.2 DL+1.2	1.020	35.709	0.000	2	-8.122	0.000	1
	104:1.2 DL+1.2	1.020	51.088	0.000	3	-18.021	0.000	1
	105:1.2 DL+1.2	1.020	63.851	0.000	2	-24.285	0.000	1
	106:1.5 DL+1.5	1.020	21.408	0.000	3	-8.494	0.000	1
	107:1.5 DL+1.5	1.020	25.963	0.000	2	-8.710	0.000	1
	108:1.5 DL+1.5	1.020	45.028	0.000	3	-20.926	0.000	1
	109:1.5 DL+1.5	1.020	61.141	0.000	2	-28.914	0.000	1
	110:.9 DL+1.5 \	1.020	6.578	0.000	3	-7.227	0.000	1
	111:.9 DL+1.5 \	1.020	15.194	0.000	2	-11.505	0.000	1
	112:.9 DL+1.5 \	1.020	30.198	0.000	3	-19.658	0.000	1
	113:.9 DL+1.5 \	1.020	46.450	0.000	2	-27.786	0.000	1
	201:1 DL+1 LL	1.020	37.271	0.000	3	-3.179	0.000	1
	202:1 DL+0.8 L	1.020	26.405	0.000	3	-5.807	0.000	1
123	203:1 DL+0.8 L	1.020	28.703	0.000	2	-5.791	0.000	1
	204:1 DL+0.8 L	1.020	39.002	0.000	3	-12.437	0.000	1
	205:1 DL+0.8 L	1.020	47.465	0.000	2	-16.566	0.000	1
	1:DL	1.020	20.539	1.020	1			
	2:LL	1.020	10.438	1.020	1			
	3:WLX+CPI	1.020				-12.174	1.020	1
	4:WLZ+CPI	1.020	2.396	1.020	4	-14.722	1.020	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	2.086	0.000	1	-5.940	0.000	3
	6:WLZ-CPI	1.020	12.231	0.000	1	-13.471	0.000	2
	101:1.5 DL+1.5	1.020	46.466	1.020	1			
	102:1.2 DL+1.2	1.020	22.584	1.020	1			
	103:1.2 DL+1.2	1.020	32.758	1.020	1	-2.883	1.020	3
	104:1.2 DL+1.2	1.020	36.280	1.020	1			
	105:1.2 DL+1.2	1.020	50.637	1.020	1	-7.457	1.020	3
	106:1.5 DL+1.5	1.020	12.574	1.020	1			
	107:1.5 DL+1.5	1.020	25.300	1.020	1	-6.769	1.020	3
	108:1.5 DL+1.5	1.020	29.693	1.020	1			
	109:1.5 DL+1.5	1.020	47.648	1.020	1	-12.487	1.020	3
	110:.9 DL+1.5 \	1.020	2.518	0.000	1	-3.535	0.000	3
	111:.9 DL+1.5 \	1.020	13.092	0.000	1	-9.370	0.000	2
	112:.9 DL+1.5 \	1.020	17.370	1.020	1	-0.939	1.020	3
	113:.9 DL+1.5 \	1.020	35.332	1.020	1	-14.979	1.020	3
	201:1 DL+1 LL	1.020	30.977	1.020	1			
	202:1 DL+0.8 L	1.020	19.164	1.020	1			
	203:1 DL+0.8 L	1.020	25.944	1.020	1	-1.091	1.020	3
	204:1 DL+0.8 L	1.020	28.295	1.020	1			
	205:1 DL+0.8 L	1.020	37.863	1.020	1	-4.141	1.020	3
124	1:DL	1.020	25.627	1.020	1			
	2:LL	1.020	13.024	1.020	1			
	3:WLX+CPI	1.020	0.427	1.020	3	-17.054	1.020	1
	4:WLZ+CPI	1.020	4.787	1.020	4	-17.953	1.020	2
	5:WLX-CPI	1.020				-4.453	1.020	1
	6:WLZ-CPI	1.020	12.042	1.020	4	-13.357	1.020	2
	101:1.5 DL+1.5	1.020	57.977	1.020	1			
	102:1.2 DL+1.2	1.020	25.924	1.020	1			
	103:1.2 DL+1.2	1.020	37.900	1.020	1	-6.837	1.020	3
	104:1.2 DL+1.2	1.020	41.038	1.020	1			
	105:1.2 DL+1.2	1.020	59.307	1.020	1	-14.021	1.020	3
	106:1.5 DL+1.5	1.020	12.870	1.020	1			
	107:1.5 DL+1.5	1.020	27.840	1.020	1	-8.750	1.020	3
	108:1.5 DL+1.5	1.020	31.762	1.020	1	-0.082	1.020	3
	109:1.5 DL+1.5	1.020	54.599	1.020	1	-17.730	1.020	3
	110:.9 DL+1.5 \	1.020	0.881	1.020	3	-2.518	1.020	1
	111:.9 DL+1.5 \	1.020	12.588	0.000	1	-9.034	0.000	2
	112:.9 DL+1.5 \	1.020	16.644	0.000	1	-0.500	0.000	3
	113:.9 DL+1.5 \	1.020	39.223	1.020	1	-17.891	1.020	3
	201:1 DL+1 LL	1.020	38.651	1.020	1			
	202:1 DL+0.8 L	1.020	22.408	1.020	1			
	203:1 DL+0.8 L	1.020	30.392	1.020	1	-4.504	1.020	3
	204:1 DL+0.8 L	1.020	32.484	1.020	1			
	205:1 DL+0.8 L	1.020	44.663	1.020	1	-9.294	1.020	3
125	1:DL	1.020	24.581	0.000	1			
	2:LL	1.020	12.492	0.000	1			
	3:WLX+CPI	1.020	0.044	1.020	3	-16.679	1.020	1
	4:WLZ+CPI	1.020	4.504	1.020	4	-17.777	1.020	2

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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	0.314	1.020	3	-5.556	1.020	1
	6:WLZ-CPI	1.020	11.976	0.000	1	-13.295	0.000	2
	101:1.5 DL+1.5	1.020	55.608	0.000	1			
	102:1.2 DL+1.2	1.020	24.555	0.000	1			
	103:1.2 DL+1.2	1.020	36.233	0.000	1	-5.718	0.000	3
	104:1.2 DL+1.2	1.020	38.353	0.000	1			
	105:1.2 DL+1.2	1.020	57.444	0.000	1	-12.584	0.000	3
	106:1.5 DL+1.5	1.020	11.956	0.000	1			
	107:1.5 DL+1.5	1.020	26.554	0.000	1	-7.971	0.000	3
	108:1.5 DL+1.5	1.020	29.203	0.000	1			
	109:1.5 DL+1.5	1.020	53.067	0.000	1	-16.554	0.000	3
	110:.9 DL+1.5 \	1.020	1.197	1.020	3	-3.055	1.020	1
	111:.9 DL+1.5 \	1.020	11.806	0.000	1	-8.620	0.000	2
	112:.9 DL+1.5 \	1.020	14.455	0.000	1			
	113:.9 DL+1.5 \	1.020	38.319	0.000	1	-17.202	0.000	3
	201:1 DL+1 LL	1.020	37.072	0.000	1			
	202:1 DL+0.8 L	1.020	21.286	0.000	1			
	203:1 DL+0.8 L	1.020	29.071	0.000	1	-3.596	0.000	3
	204:1 DL+0.8 L	1.020	30.485	0.000	1			
	205:1 DL+0.8 L	1.020	43.212	0.000	1	-8.173	0.000	3
126	1:DL	1.020	20.905	0.000	1			
	2:LL	1.020	10.624	0.000	1			
	3:WLX+CPI	1.020				-14.161	0.000	1
	4:WLZ+CPI	1.020	3.037	0.000	4	-16.192	0.000	1
	5:WLX-CPI	1.020				-5.126	0.000	1
	6:WLZ-CPI	1.020	11.809	0.000	1	-13.115	0.000	2
	101:1.5 DL+1.5	1.020	47.292	0.000	1			
	102:1.2 DL+1.2	1.020	20.849	0.000	1			
	103:1.2 DL+1.2	1.020	31.449	0.000	1	-1.960	0.000	3
	104:1.2 DL+1.2	1.020	31.682	0.000	1			
	105:1.2 DL+1.2	1.020	51.004	0.000	1	-7.297	0.000	3
	106:1.5 DL+1.5	1.020	10.126	0.000	1			
	107:1.5 DL+1.5	1.020	23.375	0.000	1	-5.584	0.000	3
	108:1.5 DL+1.5	1.020	23.668	0.000	1			
	109:1.5 DL+1.5	1.020	47.820	0.000	1	-12.255	0.000	3
	110:.9 DL+1.5 \	1.020	0.538	0.000	3	-2.427	0.000	1
	111:.9 DL+1.5 \	1.020	10.832	0.000	1	-8.051	0.000	2
	112:.9 DL+1.5 \	1.020	11.125	0.000	1			
	113:.9 DL+1.5 \	1.020	35.277	0.000	1	-14.722	0.000	2
	201:1 DL+1 LL	1.020	31.528	0.000	1			
	202:1 DL+0.8 L	1.020	18.080	0.000	1			
	203:1 DL+0.8 L	1.020	25.147	0.000	1	-0.484	0.000	3
	204:1 DL+0.8 L	1.020	25.303	0.000	1			
	205:1 DL+0.8 L	1.020	38.184	0.000	1	-4.042	0.000	3
127	1:DL	2.000	1.086	2.000	1	-21.111	2.000	3
	2:LL	2.000	0.550	2.000	1	-10.726	2.000	3
	3:WLX+CPI	2.000	13.229	2.000	3	-1.624	2.000	1
	4:WLZ+CPI	2.000	33.288	2.000	4	-25.868	2.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	5.549	0.000	1	-1.953	0.000	3
	6:WLZ-CPI	2.000	56.210	2.000	1	-55.276	2.000	2
	101:1.5 DL+1.5	2.000	2.455	2.000	1	-47.755	2.000	3
	102:1.2 DL+1.2	2.000	0.856	2.000	2	-23.169	2.000	4
	103:1.2 DL+1.2	2.000	30.150	2.000	1	-57.486	2.000	3
	104:1.2 DL+1.2	2.000	3.169	2.000	1	-35.094	2.000	3
	105:1.2 DL+1.2	2.000	67.909	2.000	1	-103.028	2.000	3
	106:1.5 DL+1.5	2.000	0.245	2.000	2	-12.873	2.000	4
	107:1.5 DL+1.5	2.000	36.927	2.000	1	-55.833	2.000	3
	108:1.5 DL+1.5	2.000	3.136	2.000	1	-27.778	2.000	3
	109:1.5 DL+1.5	2.000	84.125	2.000	1	-112.760	2.000	3
	110:.9 DL+1.5 \	2.000	2.574	0.000	1	-3.188	0.000	3
	111:.9 DL+1.5 \	2.000	36.332	2.000	1	-43.223	2.000	3
	112:.9 DL+1.5 \	2.000	2.644	0.000	1	-15.271	0.000	3
	113:.9 DL+1.5 \	2.000	83.530	2.000	1	-100.150	2.000	3
	201:1 DL+1 LL	2.000	1.636	2.000	1	-31.837	2.000	3
	202:1 DL+0.8 L	2.000	0.788	2.000	2	-19.668	2.000	4
	203:1 DL+0.8 L	2.000	20.299	2.000	1	-42.527	2.000	3
	204:1 DL+0.8 L	2.000	2.330	2.000	1	-27.618	2.000	3
	205:1 DL+0.8 L	2.000	45.471	2.000	1	-72.889	2.000	3
128	1:DL	0.400	17.730	0.000	1			
	2:LL	0.400	9.010	0.000	1			
	3:WLX+CPI	0.400				-14.056	0.000	1
	4:WLZ+CPI	0.400				-9.365	0.000	1
	5:WLX-CPI	0.400				-6.216	0.000	1
	6:WLZ-CPI	0.400				-0.873	0.000	1
	101:1.5 DL+1.5	0.400	40.111	0.000	1			
	102:1.2 DL+1.2	0.400	15.222	0.000	1			
	103:1.2 DL+1.2	0.400	20.851	0.000	1			
	104:1.2 DL+1.2	0.400	24.630	0.000	1			
	105:1.2 DL+1.2	0.400	31.042	0.000	1			
	106:1.5 DL+1.5	0.400	5.511	0.000	1			
	107:1.5 DL+1.5	0.400	12.547	0.000	1			
	108:1.5 DL+1.5	0.400	17.272	0.000	1			
	109:1.5 DL+1.5	0.400	25.286	0.000	1			
	110:.9 DL+1.5 \	0.400				-5.127	0.000	1
	111:.9 DL+1.5 \	0.400	1.909	0.000	1			
	112:.9 DL+1.5 \	0.400	6.634	0.000	1			
	113:.9 DL+1.5 \	0.400	14.648	0.000	1			
	201:1 DL+1 LL	0.400	26.741	0.000	1			
	202:1 DL+0.8 L	0.400	13.694	0.000	1			
	203:1 DL+0.8 L	0.400	17.446	0.000	1			
	204:1 DL+0.8 L	0.400	19.966	0.000	1			
	205:1 DL+0.8 L	0.400	24.240	0.000	1			
129	1:DL	2.000				-22.318	2.000	4
	2:LL	2.000				-11.341	2.000	4
	3:WLX+CPI	2.000	14.649	2.000	3	-1.443	2.000	1
	4:WLZ+CPI	2.000	23.034	2.000	4	-14.499	2.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	4.502	2.000	3	-0.021	2.000	1
	6:WLZ-CPI	2.000	31.017	2.000	4	-29.973	2.000	2
	101:1.5 DL+1.5	2.000				-50.489	2.000	4
	102:1.2 DL+1.2	2.000				-24.253	0.000	1
	103:1.2 DL+1.2	2.000	14.724	2.000	1	-44.966	2.000	3
	104:1.2 DL+1.2	2.000	1.564	0.000	1	-36.672	0.000	3
	105:1.2 DL+1.2	2.000	35.728	2.000	1	-74.959	2.000	3
	106:1.5 DL+1.5	2.000				-13.336	0.000	1
	107:1.5 DL+1.5	2.000	18.474	2.000	1	-39.225	2.000	3
	108:1.5 DL+1.5	2.000	2.028	0.000	1	-28.860	0.000	3
	109:1.5 DL+1.5	2.000	44.729	2.000	1	-76.716	2.000	3
	110:.9 DL+1.5 \	2.000	1.925	2.000	3	-2.249	2.000	1
	111:.9 DL+1.5 \	2.000	18.530	2.000	1	-25.859	2.000	3
	112:.9 DL+1.5 \	2.000	2.082	0.000	1	-15.493	0.000	3
	113:.9 DL+1.5 \	2.000	44.784	2.000	1	-63.351	2.000	3
	201:1 DL+1 LL	2.000				-33.660	2.000	4
	202:1 DL+0.8 L	2.000				-20.624	0.000	1
	203:1 DL+0.8 L	2.000	9.797	2.000	1	-34.433	2.000	3
	204:1 DL+0.8 L	2.000	1.025	0.000	1	-28.903	0.000	3
	205:1 DL+0.8 L	2.000	23.800	2.000	1	-54.428	2.000	3
130	1:DL	0.800	20.157	0.000	1			
	2:LL	0.800	10.244	0.000	1			
	3:WLX+CPI	0.800				-15.726	0.000	1
	4:WLZ+CPI	0.800				-10.706	0.000	1
	5:WLX-CPI	0.800				-8.337	0.000	1
	6:WLZ-CPI	0.800				-0.969	0.000	1
	101:1.5 DL+1.5	0.800	45.602	0.000	1			
	102:1.2 DL+1.2	0.800	17.611	0.000	1			
	103:1.2 DL+1.2	0.800	23.635	0.000	1			
	104:1.2 DL+1.2	0.800	26.477	0.000	1			
	105:1.2 DL+1.2	0.800	35.319	0.000	1			
	106:1.5 DL+1.5	0.800	6.647	0.000	1			
	107:1.5 DL+1.5	0.800	14.177	0.000	1			
	108:1.5 DL+1.5	0.800	17.731	0.000	1			
	109:1.5 DL+1.5	0.800	28.783	0.000	1			
	110:.9 DL+1.5 \	0.800				-5.447	0.000	1
	111:.9 DL+1.5 \	0.800	2.083	0.000	1			
	112:.9 DL+1.5 \	0.800	5.637	0.000	1			
	113:.9 DL+1.5 \	0.800	16.689	0.000	1			
	201:1 DL+1 LL	0.800	30.401	0.000	1			
	202:1 DL+0.8 L	0.800	15.772	0.000	1			
	203:1 DL+0.8 L	0.800	19.788	0.000	1			
	204:1 DL+0.8 L	0.800	21.683	0.000	1			
	205:1 DL+0.8 L	0.800	27.577	0.000	1			
131	1:DL	2.000				-23.039	0.000	1
	2:LL	2.000				-11.707	0.000	1
	3:WLX+CPI	2.000	15.120	0.000	3	-0.973	0.000	1
	4:WLZ+CPI	2.000	26.196	2.000	4	-16.949	2.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	4.926	0.000	1			
	6:WLZ-CPI	2.000	41.267	2.000	1	-40.159	2.000	2
	101:1.5 DL+1.5	2.000				-52.119	0.000	1
	102:1.2 DL+1.2	2.000				-23.870	0.000	1
	103:1.2 DL+1.2	2.000	14.273	2.000	1	-46.269	2.000	3
	104:1.2 DL+1.2	2.000				-35.799	0.000	1
	105:1.2 DL+1.2	2.000	39.582	2.000	1	-81.346	2.000	3
	106:1.5 DL+1.5	2.000				-12.276	0.000	1
	107:1.5 DL+1.5	2.000	21.693	2.000	1	-43.538	2.000	3
	108:1.5 DL+1.5	2.000				-27.187	0.000	1
	109:1.5 DL+1.5	2.000	53.330	2.000	1	-87.385	2.000	3
	110:.9 DL+1.5 \	2.000	1.983	0.000	3	-2.191	0.000	1
	111:.9 DL+1.5 \	2.000	24.726	2.000	1	-32.284	2.000	3
	112:.9 DL+1.5 \	2.000				-13.364	0.000	1
	113:.9 DL+1.5 \	2.000	56.362	2.000	1	-76.131	2.000	3
	201:1 DL+1 LL	2.000				-34.746	0.000	1
	202:1 DL+0.8 L	2.000				-20.521	0.000	1
	203:1 DL+0.8 L	2.000	9.069	0.000	1	-35.161	0.000	2
	204:1 DL+0.8 L	2.000				-28.474	0.000	1
	205:1 DL+0.8 L	2.000	25.378	2.000	1	-57.982	2.000	3
132	1:DL	1.200	15.048	0.000	1			
	2:LL	1.200	7.648	0.000	1			
	3:WLX+CPI	1.200				-11.482	0.000	1
	4:WLZ+CPI	1.200				-8.091	0.000	1
	5:WLX-CPI	1.200				-7.924	0.000	1
	6:WLZ-CPI	1.200				-0.713	0.000	1
	101:1.5 DL+1.5	1.200	34.044	0.000	1			
	102:1.2 DL+1.2	1.200	13.457	0.000	1			
	103:1.2 DL+1.2	1.200	17.526	0.000	1			
	104:1.2 DL+1.2	1.200	17.727	0.000	1			
	105:1.2 DL+1.2	1.200	26.379	0.000	1			
	106:1.5 DL+1.5	1.200	5.349	0.000	1			
	107:1.5 DL+1.5	1.200	10.436	0.000	1			
	108:1.5 DL+1.5	1.200	10.687	0.000	1			
	109:1.5 DL+1.5	1.200	21.503	0.000	1			
	110:.9 DL+1.5 \	1.200				-3.680	0.000	1
	111:.9 DL+1.5 \	1.200	1.407	0.000	1			
	112:.9 DL+1.5 \	1.200	1.658	0.000	1			
	113:.9 DL+1.5 \	1.200	12.474	0.000	1			
	201:1 DL+1 LL	1.200	22.696	0.000	1			
	202:1 DL+0.8 L	1.200	11.981	0.000	1			
133	203:1 DL+0.8 L	1.200	14.693	0.000	1			
	204:1 DL+0.8 L	1.200	14.827	0.000	1			
	205:1 DL+0.8 L	1.200	20.596	0.000	1			
	1:DL	2.000				-18.727	0.000	1
	2:LL	2.000				-9.517	0.000	1
	3:WLX+CPI	2.000	12.111	0.000	1			
	4:WLZ+CPI	2.000	28.972	2.000	4	-19.775	2.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	4.459	0.000	1			
	6:WLZ-CPI	2.000	51.498	2.000	1	-50.401	2.000	2
	101:1.5 DL+1.5	2.000				-42.367	0.000	1
	102:1.2 DL+1.2	2.000				-19.423	0.000	1
	103:1.2 DL+1.2	2.000	15.150	2.000	1	-47.100	2.000	3
	104:1.2 DL+1.2	2.000				-28.552	0.000	1
	105:1.2 DL+1.2	2.000	45.149	2.000	1	-86.819	2.000	3
	106:1.5 DL+1.5	2.000				-10.003	0.000	1
	107:1.5 DL+1.5	2.000	25.824	2.000	1	-47.655	2.000	3
	108:1.5 DL+1.5	2.000				-21.414	0.000	1
	109:1.5 DL+1.5	2.000	63.323	2.000	1	-97.305	2.000	3
	110:.9 DL+1.5 \	2.000	1.312	0.000	3	-1.823	0.000	1
	111:.9 DL+1.5 \	2.000	31.243	2.000	1	-38.824	2.000	3
	112:.9 DL+1.5 \	2.000				-10.177	0.000	1
	113:.9 DL+1.5 \	2.000	68.742	2.000	1	-88.473	2.000	3
	201:1 DL+1 LL	2.000				-28.245	0.000	1
	202:1 DL+0.8 L	2.000				-16.694	0.000	1
	203:1 DL+0.8 L	2.000	8.526	0.000	1	-34.576	0.000	2
	204:1 DL+0.8 L	2.000				-22.780	0.000	1
	205:1 DL+0.8 L	2.000	28.293	2.000	1	-60.823	2.000	3
134	1:DL	1.600				-0.855	0.000	1
	2:LL	1.600				-0.435	0.000	1
	3:WLX+CPI	1.600	0.009	0.000	1			
	4:WLZ+CPI	1.600	0.307	0.000	1			
	5:WLX-CPI	1.600				-3.269	0.000	1
	6:WLZ-CPI	1.600	0.104	0.000	1			
	101:1.5 DL+1.5	1.600				-1.934	0.000	1
	102:1.2 DL+1.2	1.600				-1.537	0.000	1
	103:1.2 DL+1.2	1.600				-1.179	0.000	1
	104:1.2 DL+1.2	1.600				-5.471	0.000	1
	105:1.2 DL+1.2	1.600				-1.422	0.000	1
	106:1.5 DL+1.5	1.600				-1.270	0.000	1
	107:1.5 DL+1.5	1.600				-0.822	0.000	1
	108:1.5 DL+1.5	1.600				-6.187	0.000	1
	109:1.5 DL+1.5	1.600				-1.126	0.000	1
	110:.9 DL+1.5 \	1.600				-0.757	0.000	1
	111:.9 DL+1.5 \	1.600				-0.309	0.000	1
	112:.9 DL+1.5 \	1.600				-5.674	0.000	1
	113:.9 DL+1.5 \	1.600				-0.613	0.000	1
	201:1 DL+1 LL	1.600				-1.289	0.000	1
	202:1 DL+0.8 L	1.600				-1.196	0.000	1
	203:1 DL+0.8 L	1.600				-0.957	0.000	1
	204:1 DL+0.8 L	1.600				-3.818	0.000	1
	205:1 DL+0.8 L	1.600				-1.119	0.000	1
135	1:DL	2.000				-18.727	2.000	3
	2:LL	2.000				-9.517	2.000	3
	3:WLX+CPI	2.000	9.986	2.000	3			
	4:WLZ+CPI	2.000	28.972	0.000	1	-19.775	0.000	2



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			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	4.440	2.000	3			
	6:WLZ-CPI	2.000	51.498	0.000	1	-50.401	0.000	2
	101:1.5 DL+1.5	2.000				-42.367	2.000	3
	102:1.2 DL+1.2	2.000				-21.968	2.000	3
	103:1.2 DL+1.2	2.000	15.150	0.000	1	-47.100	0.000	2
	104:1.2 DL+1.2	2.000				-28.568	2.000	3
	105:1.2 DL+1.2	2.000	45.149	0.000	1	-86.819	0.000	2
	106:1.5 DL+1.5	2.000				-13.184	2.000	3
	107:1.5 DL+1.5	2.000	25.824	0.000	1	-47.655	0.000	2
	108:1.5 DL+1.5	2.000				-21.434	2.000	3
	109:1.5 DL+1.5	2.000	63.323	0.000	1	-97.305	0.000	2
	110:.9 DL+1.5 \	2.000	0.587	2.000	1	-1.948	2.000	3
	111:.9 DL+1.5 \	2.000	31.243	0.000	1	-38.824	0.000	2
	112:.9 DL+1.5 \	2.000				-10.198	2.000	3
	113:.9 DL+1.5 \	2.000	68.742	0.000	1	-88.473	0.000	2
	201:1 DL+1 LL	2.000				-28.245	2.000	3
	202:1 DL+0.8 L	2.000				-18.391	2.000	3
	203:1 DL+0.8 L	2.000	8.526	2.000	1	-34.576	2.000	3
	204:1 DL+0.8 L	2.000				-22.791	2.000	3
	205:1 DL+0.8 L	2.000	28.293	0.000	1	-60.823	0.000	2
136	1:DL	2.000				-20.010	0.000	1
	2:LL	2.000				-10.169	0.000	1
	3:WLX+CPI	2.000	13.357	0.000	1			
	4:WLZ+CPI	2.000	10.473	0.000	1			
	5:WLX-CPI	2.000	4.729	0.000	1			
	6:WLZ-CPI	2.000	1.105	0.000	1			
	101:1.5 DL+1.5	2.000				-45.268	0.000	1
	102:1.2 DL+1.2	2.000				-20.186	0.000	1
	103:1.2 DL+1.2	2.000				-23.647	0.000	1
	104:1.2 DL+1.2	2.000				-30.540	0.000	1
	105:1.2 DL+1.2	2.000				-34.888	0.000	1
	106:1.5 DL+1.5	2.000				-9.979	0.000	1
	107:1.5 DL+1.5	2.000				-14.306	0.000	1
	108:1.5 DL+1.5	2.000				-22.921	0.000	1
	109:1.5 DL+1.5	2.000				-28.357	0.000	1
	110:.9 DL+1.5 \	2.000	2.027	0.000	1			
	111:.9 DL+1.5 \	2.000				-2.300	0.000	1
	112:.9 DL+1.5 \	2.000				-10.915	0.000	1
	113:.9 DL+1.5 \	2.000				-16.351	0.000	1
	201:1 DL+1 LL	2.000				-30.179	0.000	1
	202:1 DL+0.8 L	2.000				-17.459	0.000	1
	203:1 DL+0.8 L	2.000				-19.767	0.000	1
	204:1 DL+0.8 L	2.000				-24.362	0.000	1
	205:1 DL+0.8 L	2.000				-27.261	0.000	1
137	1:DL	2.040				-25.329	0.000	1
	2:LL	2.040				-12.872	0.000	1
	3:WLX+CPI	2.040	17.282	0.000	1			
	4:WLZ+CPI	2.040	12.045	0.000	1			



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			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.040	9.559	0.000	1			
	6:WLZ-CPI	2.040	1.190	0.000	1			
	101:1.5 DL+1.5	2.040				-57.303	0.000	1
	102:1.2 DL+1.2	2.040				-25.103	0.000	1
	103:1.2 DL+1.2	2.040				-31.388	0.000	1
	104:1.2 DL+1.2	2.040				-34.372	0.000	1
	105:1.2 DL+1.2	2.040				-44.414	0.000	1
	106:1.5 DL+1.5	2.040				-12.071	0.000	1
	107:1.5 DL+1.5	2.040				-19.926	0.000	1
	108:1.5 DL+1.5	2.040				-23.656	0.000	1
	109:1.5 DL+1.5	2.040				-36.209	0.000	1
	110:.9 DL+1.5 \	2.040	3.127	0.000	1			
	111:.9 DL+1.5 \	2.040				-4.729	0.000	1
	112:.9 DL+1.5 \	2.040				-8.458	0.000	1
	113:.9 DL+1.5 \	2.040				-21.012	0.000	1
	201:1 DL+1 LL	2.040				-38.202	0.000	1
	202:1 DL+0.8 L	2.040				-21.801	0.000	1
	203:1 DL+0.8 L	2.040				-25.991	0.000	1
	204:1 DL+0.8 L	2.040				-27.980	0.000	1
	205:1 DL+0.8 L	2.040				-34.675	0.000	1
138	1:DL	2.154				-16.437	0.000	1
	2:LL	2.154				-8.353	0.000	1
	3:WLX+CPI	2.154	10.739	0.000	1			
	4:WLZ+CPI	2.154	8.116	0.000	1			
	5:WLX-CPI	2.154	9.673	0.000	1			
	6:WLZ-CPI	2.154	0.719	0.000	1			
	101:1.5 DL+1.5	2.154				-37.186	0.000	1
	102:1.2 DL+1.2	2.154				-16.862	0.000	1
	103:1.2 DL+1.2	2.154				-20.009	0.000	1
	104:1.2 DL+1.2	2.154				-18.142	0.000	1
	105:1.2 DL+1.2	2.154				-28.885	0.000	1
	106:1.5 DL+1.5	2.154				-8.548	0.000	1
	107:1.5 DL+1.5	2.154				-12.481	0.000	1
	108:1.5 DL+1.5	2.154				-10.147	0.000	1
	109:1.5 DL+1.5	2.154				-23.577	0.000	1
	110:.9 DL+1.5 \	2.154	1.314	0.000	1			
	111:.9 DL+1.5 \	2.154				-2.619	0.000	1
	112:.9 DL+1.5 \	2.154				-0.285	0.000	1
	113:.9 DL+1.5 \	2.154				-13.714	0.000	1
	201:1 DL+1 LL	2.154				-24.790	0.000	1
	202:1 DL+0.8 L	2.154				-14.529	0.000	1
	203:1 DL+0.8 L	2.154				-16.627	0.000	1
	204:1 DL+0.8 L	2.154				-15.382	0.000	1
	205:1 DL+0.8 L	2.154				-22.544	0.000	1
139	1:DL	2.332	0.726	0.000	1			
	2:LL	2.332	0.369	0.000	1			
	3:WLX+CPI	2.332				-2.928	0.000	1
	4:WLZ+CPI	2.332				-0.620	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.332	4.599	0.000	1			
	6:WLZ-CPI	2.332				-0.128	0.000	1
	101:1.5 DL+1.5	2.332	1.642	0.000	1			
	102:1.2 DL+1.2	2.332				-2.200	0.000	1
	103:1.2 DL+1.2	2.332	0.569	0.000	1			
	104:1.2 DL+1.2	2.332	6.833	0.000	1			
	105:1.2 DL+1.2	2.332	1.160	0.000	1			
	106:1.5 DL+1.5	2.332				-3.303	0.000	1
	107:1.5 DL+1.5	2.332	0.158	0.000	1			
	108:1.5 DL+1.5	2.332	7.988	0.000	1			
	109:1.5 DL+1.5	2.332	0.896	0.000	1			
	110:.9 DL+1.5 \	2.332				-3.738	0.000	1
	111:.9 DL+1.5 \	2.332				-0.277	0.000	1
	112:.9 DL+1.5 \	2.332	7.552	0.000	1			
	113:.9 DL+1.5 \	2.332	0.461	0.000	1			
	201:1 DL+1 LL	2.332	1.095	0.000	1			
	202:1 DL+0.8 L	2.332				-1.321	0.000	1
	203:1 DL+0.8 L	2.332	0.525	0.000	1			
	204:1 DL+0.8 L	2.332	4.701	0.000	1			
	205:1 DL+0.8 L	2.332	0.918	0.000	1			
140	1:DL	2.561	2.786	0.000	1			
	2:LL	2.561	1.416	0.000	1			
	3:WLX+CPI	2.561				-6.029	0.000	1
	4:WLZ+CPI	2.561				-1.845	0.000	1
	5:WLX-CPI	2.561	2.842	0.000	1			
	6:WLZ-CPI	2.561				-0.172	0.000	1
	101:1.5 DL+1.5	2.561	6.302	0.000	1			
	102:1.2 DL+1.2	2.561				-2.193	0.000	1
	103:1.2 DL+1.2	2.561	2.827	0.000	1			
	104:1.2 DL+1.2	2.561	8.452	0.000	1			
	105:1.2 DL+1.2	2.561	4.835	0.000	1			
	106:1.5 DL+1.5	2.561				-4.865	0.000	1
	107:1.5 DL+1.5	2.561	1.411	0.000	1			
	108:1.5 DL+1.5	2.561	8.442	0.000	1			
	109:1.5 DL+1.5	2.561	3.920	0.000	1			
	110:.9 DL+1.5 \	2.561				-6.536	0.000	1
	111:.9 DL+1.5 \	2.561				-0.261	0.000	1
	112:.9 DL+1.5 \	2.561	6.770	0.000	1			
	113:.9 DL+1.5 \	2.561	2.249	0.000	1			
	201:1 DL+1 LL	2.561	4.201	0.000	1			
	202:1 DL+0.8 L	2.561				-0.905	0.000	1
	203:1 DL+0.8 L	2.561	2.442	0.000	1			
	204:1 DL+0.8 L	2.561	6.192	0.000	1			
	205:1 DL+0.8 L	2.561	3.780	0.000	1			
141	1:DL	1.020	20.539	1.020	1			
	2:LL	1.020	10.438	1.020	1			
	3:WLX+CPI	1.020				-13.003	1.020	1
	4:WLZ+CPI	1.020	2.396	1.020	3	-14.722	1.020	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	3.463	0.000	3	-10.111	0.000	1
	6:WLZ-CPI	1.020	12.231	0.000	2	-13.471	0.000	1
	101:1.5 DL+1.5	1.020	46.466	1.020	1			
	102:1.2 DL+1.2	1.020	21.592	1.020	1			
	103:1.2 DL+1.2	1.020	32.758	1.020	2	-2.883	1.020	4
	104:1.2 DL+1.2	1.020	26.203	1.020	1			
	105:1.2 DL+1.2	1.020	50.637	1.020	2	-7.457	1.020	4
	106:1.5 DL+1.5	1.020	11.333	1.020	1			
	107:1.5 DL+1.5	1.020	25.300	1.020	2	-6.769	1.020	4
	108:1.5 DL+1.5	1.020	19.568	0.000	1			
	109:1.5 DL+1.5	1.020	47.648	1.020	2	-12.487	1.020	4
	110:.9 DL+1.5 \	1.020	1.882	0.000	3	-2.612	0.000	1
	111:.9 DL+1.5 \	1.020	13.092	0.000	2	-9.370	0.000	1
	112:.9 DL+1.5 \	1.020	13.819	0.000	3	-1.579	0.000	1
	113:.9 DL+1.5 \	1.020	35.332	1.020	2	-14.979	1.020	4
	201:1 DL+1 LL	1.020	30.977	1.020	1			
	202:1 DL+0.8 L	1.020	18.503	1.020	1			
	203:1 DL+0.8 L	1.020	25.944	1.020	2	-1.091	1.020	4
	204:1 DL+0.8 L	1.020	21.576	1.020	1			
	205:1 DL+0.8 L	1.020	37.863	1.020	2	-4.141	1.020	4
142	1:DL	1.020	25.627	1.020	1			
	2:LL	1.020	13.024	1.020	1			
	3:WLX+CPI	1.020				-15.055	1.020	1
	4:WLZ+CPI	1.020	4.787	1.020	3	-17.953	1.020	1
	5:WLX-CPI	1.020	1.535	0.000	3	-7.880	0.000	1
	6:WLZ-CPI	1.020	12.042	1.020	3	-13.357	1.020	1
	101:1.5 DL+1.5	1.020	57.977	1.020	1			
	102:1.2 DL+1.2	1.020	28.323	1.020	1	-0.827	1.020	3
	103:1.2 DL+1.2	1.020	37.900	1.020	2	-6.837	1.020	4
	104:1.2 DL+1.2	1.020	37.948	1.020	1			
	105:1.2 DL+1.2	1.020	59.307	1.020	2	-14.021	1.020	4
	106:1.5 DL+1.5	1.020	15.868	1.020	1	-1.236	1.020	3
	107:1.5 DL+1.5	1.020	27.840	1.020	2	-8.750	1.020	4
	108:1.5 DL+1.5	1.020	27.900	1.020	1			
	109:1.5 DL+1.5	1.020	54.599	1.020	2	-17.730	1.020	4
	110:.9 DL+1.5 \	1.020	0.492	1.020	1	-1.395	1.020	3
	111:.9 DL+1.5 \	1.020	12.588	0.000	2	-9.034	0.000	1
	112:.9 DL+1.5 \	1.020	12.523	1.020	1			
	113:.9 DL+1.5 \	1.020	39.223	1.020	2	-17.891	1.020	4
	201:1 DL+1 LL	1.020	38.651	1.020	1			
	202:1 DL+0.8 L	1.020	24.008	1.020	1	-0.498	1.020	3
	203:1 DL+0.8 L	1.020	30.392	1.020	2	-4.504	1.020	4
	204:1 DL+0.8 L	1.020	30.424	1.020	1			
	205:1 DL+0.8 L	1.020	44.663	1.020	2	-9.294	1.020	4
143	1:DL	1.020	24.581	0.000	1			
	2:LL	1.020	12.492	0.000	1			
	3:WLX+CPI	1.020				-14.573	0.000	1
	4:WLZ+CPI	1.020	4.504	1.020	3	-17.777	1.020	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020				-5.806	0.000	1
	6:WLZ-CPI	1.020	11.976	0.000	2	-13.295	0.000	1
	101:1.5 DL+1.5	1.020	55.608	0.000	1			
	102:1.2 DL+1.2	1.020	27.067	1.020	1	-0.193	1.020	3
	103:1.2 DL+1.2	1.020	36.233	0.000	1	-5.718	0.000	4
	104:1.2 DL+1.2	1.020	38.067	1.020	1			
	105:1.2 DL+1.2	1.020	57.444	0.000	1	-12.584	0.000	4
	106:1.5 DL+1.5	1.020	15.231	1.020	1	-1.199	1.020	3
	107:1.5 DL+1.5	1.020	26.554	0.000	1	-7.971	0.000	4
	108:1.5 DL+1.5	1.020	28.980	1.020	1			
	109:1.5 DL+1.5	1.020	53.067	0.000	1	-16.554	0.000	4
	110:.9 DL+1.5 \	1.020	0.588	1.020	1	-1.953	1.020	3
	111:.9 DL+1.5 \	1.020	11.806	0.000	2	-8.620	0.000	1
	112:.9 DL+1.5 \	1.020	14.337	1.020	1	-0.075	1.020	3
	113:.9 DL+1.5 \	1.020	38.319	0.000	1	-17.203	0.000	4
	201:1 DL+1 LL	1.020	37.072	0.000	1			
	202:1 DL+0.8 L	1.020	22.926	1.020	1			
	203:1 DL+0.8 L	1.020	29.071	0.000	1	-3.596	0.000	4
	204:1 DL+0.8 L	1.020	30.259	1.020	1			
	205:1 DL+0.8 L	1.020	43.212	0.000	1	-8.173	0.000	4
144	1:DL	1.020	20.905	0.000	1			
	2:LL	1.020	10.624	0.000	1			
	3:WLX+CPI	1.020				-12.699	0.000	1
	4:WLZ+CPI	1.020	3.037	0.000	3	-16.192	0.000	1
	5:WLX-CPI	1.020				-4.054	0.000	1
	6:WLZ-CPI	1.020	11.809	0.000	2	-13.115	0.000	1
	101:1.5 DL+1.5	1.020	47.292	0.000	1			
	102:1.2 DL+1.2	1.020	22.604	0.000	1			
	103:1.2 DL+1.2	1.020	31.449	0.000	1	-1.960	0.000	4
	104:1.2 DL+1.2	1.020	32.969	0.000	1			
	105:1.2 DL+1.2	1.020	51.004	0.000	1	-7.297	0.000	4
	106:1.5 DL+1.5	1.020	12.320	0.000	1			
	107:1.5 DL+1.5	1.020	23.375	0.000	1	-5.584	0.000	4
	108:1.5 DL+1.5	1.020	25.276	0.000	1			
	109:1.5 DL+1.5	1.020	47.820	0.000	1	-12.255	0.000	4
	110:.9 DL+1.5 \	1.020	0.184	1.020	1	-2.232	1.020	3
	111:.9 DL+1.5 \	1.020	10.832	0.000	2	-8.051	0.000	1
	112:.9 DL+1.5 \	1.020	12.734	0.000	1			
	113:.9 DL+1.5 \	1.020	35.277	0.000	2	-14.722	0.000	1
	201:1 DL+1 LL	1.020	31.528	0.000	1			
	202:1 DL+0.8 L	1.020	19.250	0.000	1			
	203:1 DL+0.8 L	1.020	25.147	0.000	1	-0.484	0.000	4
	204:1 DL+0.8 L	1.020	26.161	0.000	1			
	205:1 DL+0.8 L	1.020	38.184	0.000	1	-4.042	0.000	4
145	1:DL	2.000	2.324	2.000	3	-22.348	2.000	1
	2:LL	2.000	1.175	2.000	3	-11.352	2.000	1
	3:WLX+CPI	2.000	9.436	2.000	1			
	4:WLZ+CPI	2.000	20.123	2.000	2	-12.703	2.000	4



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	12.079	2.000	3	-5.150	2.000	1
	6:WLZ-CPI	2.000	19.474	0.000	1	-18.540	0.000	2
	101:1.5 DL+1.5	2.000	5.249	2.000	3	-50.549	2.000	1
	102:1.2 DL+1.2	2.000	7.362	2.000	3	-29.972	2.000	1
	103:1.2 DL+1.2	2.000	7.053	2.000	3	-34.388	2.000	1
	104:1.2 DL+1.2	2.000	18.693	2.000	3	-46.619	2.000	1
	105:1.2 DL+1.2	2.000	24.720	2.000	3	-59.840	2.000	1
	106:1.5 DL+1.5	2.000	7.440	2.000	4	-20.438	2.000	2
	107:1.5 DL+1.5	2.000	8.440	0.000	1	-27.345	0.000	2
	108:1.5 DL+1.5	2.000	21.604	2.000	3	-41.247	2.000	1
	109:1.5 DL+1.5	2.000	29.291	2.000	3	-57.926	2.000	1
	110:.9 DL+1.5 \	2.000	6.045	2.000	4	-7.029	2.000	2
	111:.9 DL+1.5 \	2.000	12.209	0.000	1	-19.100	0.000	2
	112:.9 DL+1.5 \	2.000	20.209	2.000	3	-27.838	2.000	1
	113:.9 DL+1.5 \	2.000	28.030	2.000	3	-44.651	2.000	1
	201:1 DL+1 LL	2.000	3.499	2.000	3	-33.699	2.000	1
	202:1 DL+0.8 L	2.000	5.373	2.000	3	-24.451	2.000	1
	203:1 DL+0.8 L	2.000	5.122	2.000	3	-27.351	2.000	1
	204:1 DL+0.8 L	2.000	12.927	2.000	3	-35.549	2.000	1
	205:1 DL+0.8 L	2.000	16.900	2.000	3	-44.318	2.000	1
146	1:DL	2.000	1.086	0.000	1	-21.111	0.000	3
	2:LL	2.000	0.550	0.000	1	-10.726	0.000	3
	3:WLX+CPI	2.000	12.517	0.000	3	-1.158	0.000	1
	4:WLZ+CPI	2.000	33.288	0.000	1	-25.868	0.000	2
	5:WLX-CPI	2.000	10.351	2.000	3	-3.423	2.000	1
	6:WLZ-CPI	2.000	56.210	0.000	1	-55.276	0.000	2
	101:1.5 DL+1.5	2.000	2.455	0.000	1	-47.755	0.000	3
	102:1.2 DL+1.2	2.000	1.434	0.000	1	-24.044	0.000	3
	103:1.2 DL+1.2	2.000	30.150	0.000	1	-57.486	0.000	2
	104:1.2 DL+1.2	2.000	0.511	0.000	1	-28.437	0.000	3
	105:1.2 DL+1.2	2.000	67.909	0.000	1	-103.028	0.000	2
	106:1.5 DL+1.5	2.000	0.968	0.000	2	-13.966	0.000	1
	107:1.5 DL+1.5	2.000	36.927	0.000	1	-55.833	0.000	2
	108:1.5 DL+1.5	2.000				-19.457	0.000	1
	109:1.5 DL+1.5	2.000	84.125	0.000	1	-112.760	0.000	2
	110:.9 DL+1.5 \	2.000	1.597	2.000	3	-2.581	2.000	1
	111:.9 DL+1.5 \	2.000	36.332	0.000	1	-43.223	0.000	2
	112:.9 DL+1.5 \	2.000	3.217	2.000	3	-10.846	2.000	1
	113:.9 DL+1.5 \	2.000	83.530	0.000	1	-100.150	0.000	2
	201:1 DL+1 LL	2.000	1.636	0.000	1	-31.837	0.000	3
	202:1 DL+0.8 L	2.000	1.173	0.000	1	-20.251	0.000	3
147	203:1 DL+0.8 L	2.000	20.299	0.000	1	-42.527	0.000	2
	204:1 DL+0.8 L	2.000	0.558	0.000	1	-23.180	0.000	3
	205:1 DL+0.8 L	2.000	45.471	0.000	1	-72.889	0.000	2
	1:DL	2.000				-22.318	0.000	1
	2:LL	2.000				-11.341	0.000	1
	3:WLX+CPI	2.000	13.064	2.000	3	-0.491	2.000	1
	4:WLZ+CPI	2.000	23.034	0.000	1	-14.499	0.000	2



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	8.244	2.000	3	-1.216	2.000	1
	6:WLZ-CPI	2.000	31.017	0.000	1	-29.973	0.000	2
	101:1.5 DL+1.5	2.000				-50.489	0.000	1
	102:1.2 DL+1.2	2.000	0.521	0.000	1	-25.919	0.000	3
	103:1.2 DL+1.2	2.000	14.724	0.000	1	-44.966	0.000	2
	104:1.2 DL+1.2	2.000	0.771	0.000	1	-32.822	0.000	3
	105:1.2 DL+1.2	2.000	35.728	0.000	1	-74.959	0.000	2
	106:1.5 DL+1.5	2.000	0.692	0.000	1	-15.387	0.000	3
	107:1.5 DL+1.5	2.000	18.474	0.000	1	-39.225	0.000	2
	108:1.5 DL+1.5	2.000	1.004	0.000	1	-24.016	0.000	3
	109:1.5 DL+1.5	2.000	44.729	0.000	1	-76.716	0.000	2
	110:.9 DL+1.5 \	2.000	0.722	0.000	1	-1.996	0.000	3
	111:.9 DL+1.5 \	2.000	18.530	0.000	1	-25.859	0.000	2
	112:.9 DL+1.5 \	2.000	1.035	0.000	1	-10.625	0.000	3
	113:.9 DL+1.5 \	2.000	44.784	0.000	1	-63.351	0.000	2
	201:1 DL+1 LL	2.000				-33.660	0.000	1
	202:1 DL+0.8 L	2.000	0.337	0.000	1	-21.743	0.000	3
	203:1 DL+0.8 L	2.000	9.797	0.000	1	-34.433	0.000	2
	204:1 DL+0.8 L	2.000	0.504	0.000	1	-26.345	0.000	3
	205:1 DL+0.8 L	2.000	23.800	0.000	1	-54.428	0.000	2
148	1:DL	2.000				-23.039	2.000	3
	2:LL	2.000				-11.707	2.000	3
	3:WLX+CPI	2.000	12.702	2.000	3			
	4:WLZ+CPI	2.000	26.196	0.000	1	-16.949	0.000	2
	5:WLX-CPI	2.000	6.167	2.000	3			
	6:WLZ-CPI	2.000	41.267	0.000	1	-40.159	0.000	2
	101:1.5 DL+1.5	2.000				-52.119	2.000	3
	102:1.2 DL+1.2	2.000				-26.782	2.000	4
	103:1.2 DL+1.2	2.000	14.273	0.000	1	-46.269	0.000	2
	104:1.2 DL+1.2	2.000				-34.324	2.000	3
	105:1.2 DL+1.2	2.000	39.582	0.000	1	-81.346	0.000	2
	106:1.5 DL+1.5	2.000	0.162	2.000	2	-15.917	2.000	4
	107:1.5 DL+1.5	2.000	21.693	0.000	1	-43.538	0.000	2
	108:1.5 DL+1.5	2.000				-25.344	2.000	3
	109:1.5 DL+1.5	2.000	53.330	0.000	1	-87.385	0.000	2
	110:.9 DL+1.5 \	2.000	0.624	2.000	2	-2.094	2.000	4
	111:.9 DL+1.5 \	2.000	24.726	0.000	1	-32.284	0.000	2
	112:.9 DL+1.5 \	2.000	0.139	2.000	1	-11.520	2.000	3
	113:.9 DL+1.5 \	2.000	56.362	0.000	1	-76.131	0.000	2
	201:1 DL+1 LL	2.000				-34.746	2.000	3
	202:1 DL+0.8 L	2.000				-22.463	2.000	3
	203:1 DL+0.8 L	2.000	9.069	2.000	1	-35.161	2.000	3
	204:1 DL+0.8 L	2.000				-27.490	2.000	3
	205:1 DL+0.8 L	2.000	25.378	0.000	1	-57.982	0.000	2
149	1:DL	0.400	17.730	0.000	1			
	2:LL	0.400	9.010	0.000	1			
	3:WLX+CPI	0.400				-8.499	0.000	1
	4:WLZ+CPI	0.400				-9.365	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	0.400				-1.004	0.000	1
	6:WLZ-CPI	0.400				-0.873	0.000	1
	101:1.5 DL+1.5	0.400	40.111	0.000	1			
	102:1.2 DL+1.2	0.400	21.890	0.000	1			
	103:1.2 DL+1.2	0.400	20.851	0.000	1			
	104:1.2 DL+1.2	0.400	30.884	0.000	1			
	105:1.2 DL+1.2	0.400	31.042	0.000	1			
	106:1.5 DL+1.5	0.400	13.847	0.000	1			
	107:1.5 DL+1.5	0.400	12.547	0.000	1			
	108:1.5 DL+1.5	0.400	25.089	0.000	1			
	109:1.5 DL+1.5	0.400	25.286	0.000	1			
	110:.9 DL+1.5 \	0.400	3.209	0.000	1			
	111:.9 DL+1.5 \	0.400	1.909	0.000	1			
	112:.9 DL+1.5 \	0.400	14.451	0.000	1			
	113:.9 DL+1.5 \	0.400	14.648	0.000	1			
	201:1 DL+1 LL	0.400	26.741	0.000	1			
	202:1 DL+0.8 L	0.400	18.140	0.000	1			
	203:1 DL+0.8 L	0.400	17.446	0.000	1			
	204:1 DL+0.8 L	0.400	24.135	0.000	1			
	205:1 DL+0.8 L	0.400	24.240	0.000	1			
150	1:DL	0.800	20.157	0.000	1			
	2:LL	0.800	10.244	0.000	1			
	3:WLX+CPI	0.800				-9.781	0.000	1
	4:WLZ+CPI	0.800				-10.706	0.000	1
	5:WLX-CPI	0.800	0.343	0.000	1			
	6:WLZ-CPI	0.800				-0.969	0.000	1
	101:1.5 DL+1.5	0.800	45.602	0.000	1			
	102:1.2 DL+1.2	0.800	24.744	0.000	1			
	103:1.2 DL+1.2	0.800	23.635	0.000	1			
	104:1.2 DL+1.2	0.800	36.893	0.000	1			
	105:1.2 DL+1.2	0.800	35.319	0.000	1			
	106:1.5 DL+1.5	0.800	15.565	0.000	1			
	107:1.5 DL+1.5	0.800	14.177	0.000	1			
	108:1.5 DL+1.5	0.800	30.751	0.000	1			
	109:1.5 DL+1.5	0.800	28.783	0.000	1			
	110:.9 DL+1.5 \	0.800	3.470	0.000	1			
	111:.9 DL+1.5 \	0.800	2.083	0.000	1			
	112:.9 DL+1.5 \	0.800	18.657	0.000	1			
	113:.9 DL+1.5 \	0.800	16.689	0.000	1			
	201:1 DL+1 LL	0.800	30.401	0.000	1			
	202:1 DL+0.8 L	0.800	20.528	0.000	1			
	203:1 DL+0.8 L	0.800	19.788	0.000	1			
	204:1 DL+0.8 L	0.800	28.627	0.000	1			
	205:1 DL+0.8 L	0.800	27.577	0.000	1			
151	1:DL	1.200	15.048	0.000	1			
	2:LL	1.200	7.648	0.000	1			
	3:WLX+CPI	1.200				-7.358	0.000	1
	4:WLZ+CPI	1.200				-8.091	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.200	2.270	0.000	1			
	6:WLZ-CPI	1.200				-0.713	0.000	1
	101:1.5 DL+1.5	1.200	34.044	0.000	1			
	102:1.2 DL+1.2	1.200	18.405	0.000	1			
	103:1.2 DL+1.2	1.200	17.526	0.000	1			
	104:1.2 DL+1.2	1.200	29.959	0.000	1			
	105:1.2 DL+1.2	1.200	26.379	0.000	1			
	106:1.5 DL+1.5	1.200	11.535	0.000	1			
	107:1.5 DL+1.5	1.200	10.436	0.000	1			
	108:1.5 DL+1.5	1.200	25.977	0.000	1			
	109:1.5 DL+1.5	1.200	21.503	0.000	1			
	110:.9 DL+1.5 \	1.200	2.506	0.000	1			
	111:.9 DL+1.5 \	1.200	1.407	0.000	1			
	112:.9 DL+1.5 \	1.200	16.948	0.000	1			
	113:.9 DL+1.5 \	1.200	12.474	0.000	1			
	201:1 DL+1 LL	1.200	22.696	0.000	1			
	202:1 DL+0.8 L	1.200	15.280	0.000	1			
	203:1 DL+0.8 L	1.200	14.693	0.000	1			
	204:1 DL+0.8 L	1.200	22.982	0.000	1			
	205:1 DL+0.8 L	1.200	20.596	0.000	1			
152	1:DL	1.600				-0.855	0.000	1
	2:LL	1.600				-0.435	0.000	1
	3:WLX+CPI	1.600	1.735	0.000	1			
	4:WLZ+CPI	1.600	0.307	0.000	1			
	5:WLX-CPI	1.600	4.426	0.000	1			
	6:WLZ-CPI	1.600	0.104	0.000	1			
	101:1.5 DL+1.5	1.600				-1.934	0.000	1
	102:1.2 DL+1.2	1.600	0.534	0.000	1			
	103:1.2 DL+1.2	1.600				-1.179	0.000	1
	104:1.2 DL+1.2	1.600	3.764	0.000	1			
	105:1.2 DL+1.2	1.600				-1.422	0.000	1
	106:1.5 DL+1.5	1.600	1.320	0.000	1			
	107:1.5 DL+1.5	1.600				-0.822	0.000	1
	108:1.5 DL+1.5	1.600	5.356	0.000	1			
	109:1.5 DL+1.5	1.600				-1.126	0.000	1
	110:.9 DL+1.5 \	1.600	1.832	0.000	1			
	111:.9 DL+1.5 \	1.600				-0.309	0.000	1
	112:.9 DL+1.5 \	1.600	5.869	0.000	1			
	113:.9 DL+1.5 \	1.600				-0.613	0.000	1
	201:1 DL+1 LL	1.600				-1.289	0.000	1
	202:1 DL+0.8 L	1.600	0.185	0.000	1			
	203:1 DL+0.8 L	1.600				-0.957	0.000	1
	204:1 DL+0.8 L	1.600	2.338	0.000	1			
	205:1 DL+0.8 L	1.600				-1.119	0.000	1
153	1:DL	2.040				-25.329	0.000	1
	2:LL	2.040				-12.872	0.000	1
	3:WLX+CPI	2.040	13.108	0.000	1			
	4:WLZ+CPI	2.040	12.045	0.000	1			



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.040	1.076	0.000	1			
	6:WLZ-CPI	2.040	1.190	0.000	1			
	101:1.5 DL+1.5	2.040				-57.303	0.000	1
	102:1.2 DL+1.2	2.040				-30.113	0.000	1
	103:1.2 DL+1.2	2.040				-31.388	0.000	1
	104:1.2 DL+1.2	2.040				-44.551	0.000	1
	105:1.2 DL+1.2	2.040				-44.414	0.000	1
	106:1.5 DL+1.5	2.040				-18.333	0.000	1
	107:1.5 DL+1.5	2.040				-19.926	0.000	1
	108:1.5 DL+1.5	2.040				-36.380	0.000	1
	109:1.5 DL+1.5	2.040				-36.209	0.000	1
	110:.9 DL+1.5 \	2.040				-3.135	0.000	1
	111:.9 DL+1.5 \	2.040				-4.729	0.000	1
	112:.9 DL+1.5 \	2.040				-21.182	0.000	1
	113:.9 DL+1.5 \	2.040				-21.012	0.000	1
	201:1 DL+1 LL	2.040				-38.202	0.000	1
	202:1 DL+0.8 L	2.040				-25.141	0.000	1
	203:1 DL+0.8 L	2.040				-25.991	0.000	1
	204:1 DL+0.8 L	2.040				-34.766	0.000	1
	205:1 DL+0.8 L	2.040				-34.675	0.000	1
154	1:DL	2.154				-16.437	0.000	1
	2:LL	2.154				-8.353	0.000	1
	3:WLX+CPI	2.154	8.371	0.000	1			
	4:WLZ+CPI	2.154	8.116	0.000	1			
	5:WLX-CPI	2.154				-3.757	0.000	1
	6:WLZ-CPI	2.154	0.719	0.000	1			
	101:1.5 DL+1.5	2.154				-37.186	0.000	1
	102:1.2 DL+1.2	2.154				-19.703	0.000	1
	103:1.2 DL+1.2	2.154				-20.009	0.000	1
	104:1.2 DL+1.2	2.154				-34.256	0.000	1
	105:1.2 DL+1.2	2.154				-28.885	0.000	1
	106:1.5 DL+1.5	2.154				-12.098	0.000	1
	107:1.5 DL+1.5	2.154				-12.481	0.000	1
	108:1.5 DL+1.5	2.154				-30.291	0.000	1
	109:1.5 DL+1.5	2.154				-23.577	0.000	1
	110:.9 DL+1.5 \	2.154				-2.236	0.000	1
	111:.9 DL+1.5 \	2.154				-2.619	0.000	1
	112:.9 DL+1.5 \	2.154				-20.428	0.000	1
	113:.9 DL+1.5 \	2.154				-13.714	0.000	1
	201:1 DL+1 LL	2.154				-24.790	0.000	1
	202:1 DL+0.8 L	2.154				-16.423	0.000	1
	203:1 DL+0.8 L	2.154				-16.627	0.000	1
	204:1 DL+0.8 L	2.154				-26.125	0.000	1
	205:1 DL+0.8 L	2.154				-22.544	0.000	1
155	1:DL	2.332	0.726	0.000	1			
	2:LL	2.332	0.369	0.000	1			
	3:WLX+CPI	2.332	0.460	0.000	1			
	4:WLZ+CPI	2.332				-0.620	0.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.332				-5.933	0.000	1
	6:WLZ-CPI	2.332				-0.128	0.000	1
	101:1.5 DL+1.5	2.332	1.642	0.000	1			
	102:1.2 DL+1.2	2.332	1.866	0.000	1			
	103:1.2 DL+1.2	2.332	0.569	0.000	1			
	104:1.2 DL+1.2	2.332				-5.806	0.000	1
	105:1.2 DL+1.2	2.332	1.160	0.000	1			
	106:1.5 DL+1.5	2.332	1.779	0.000	1			
	107:1.5 DL+1.5	2.332	0.158	0.000	1			
	108:1.5 DL+1.5	2.332				-7.811	0.000	1
	109:1.5 DL+1.5	2.332	0.896	0.000	1			
	110:.9 DL+1.5 \	2.332	1.343	0.000	1			
	111:.9 DL+1.5 \	2.332				-0.277	0.000	1
	112:.9 DL+1.5 \	2.332				-8.247	0.000	1
	113:.9 DL+1.5 \	2.332	0.461	0.000	1			
	201:1 DL+1 LL	2.332	1.095	0.000	1			
	202:1 DL+0.8 L	2.332	1.389	0.000	1			
	203:1 DL+0.8 L	2.332	0.525	0.000	1			
	204:1 DL+0.8 L	2.332				-3.726	0.000	1
	205:1 DL+0.8 L	2.332	0.918	0.000	1			
156	1:DL	2.561	2.786	0.000	1			
	2:LL	2.561	1.416	0.000	1			
	3:WLX+CPI	2.561	1.656	0.000	1			
	4:WLZ+CPI	2.561				-1.845	0.000	1
	5:WLX-CPI	2.561				-4.170	0.000	1
	6:WLZ-CPI	2.561				-0.172	0.000	1
	101:1.5 DL+1.5	2.561	6.302	0.000	1			
	102:1.2 DL+1.2	2.561	7.028	0.000	1			
	103:1.2 DL+1.2	2.561	2.827	0.000	1			
	104:1.2 DL+1.2	2.561	0.037	0.000	1			
	105:1.2 DL+1.2	2.561	4.835	0.000	1			
	106:1.5 DL+1.5	2.561	6.662	0.000	1			
	107:1.5 DL+1.5	2.561	1.411	0.000	1			
	108:1.5 DL+1.5	2.561				-2.077	0.000	1
	109:1.5 DL+1.5	2.561	3.920	0.000	1			
	110:.9 DL+1.5 \	2.561	4.991	0.000	1			
	111:.9 DL+1.5 \	2.561				-0.260	0.000	1
	112:.9 DL+1.5 \	2.561				-3.748	0.000	1
	113:.9 DL+1.5 \	2.561	2.249	0.000	1			
	201:1 DL+1 LL	2.561	4.201	0.000	1			
	202:1 DL+0.8 L	2.561	5.243	0.000	1			
	203:1 DL+0.8 L	2.561	2.442	0.000	1			
	204:1 DL+0.8 L	2.561	0.582	0.000	1			
	205:1 DL+0.8 L	2.561	3.780	0.000	1			
157	1:DL	7.000	31.701	7.000	3	-19.458	7.000	1
	2:LL	7.000	15.981	7.000	3	-10.017	7.000	1
	3:WLX+CPI	7.000	23.119	7.000	1	-32.021	7.000	3
	4:WLZ+CPI	7.000	16.578	7.000	1	-22.854	7.000	3



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	7.000	23.412	5.250	1	-27.299	5.250	3
	6:WLZ-CPI	7.000	4.665	7.000	1	-5.490	7.000	3
	101:1.5 DL+1.5	7.000	71.524	7.000	3	-44.213	7.000	1
	102:1.2 DL+1.2	7.000	18.794	7.000	3	-7.627	7.000	1
	103:1.2 DL+1.2	7.000	35.513	5.833	4	-20.903	5.833	2
	104:1.2 DL+1.2	7.000	27.217	7.000	3	-10.032	7.000	1
	105:1.2 DL+1.2	7.000	59.843	7.000	4	-38.985	7.000	2
	106:1.5 DL+1.5	7.000	7.305	4.083	1	-1.497	4.667	3
	107:1.5 DL+1.5	7.000	26.053	4.083	4	-16.321	4.667	2
	108:1.5 DL+1.5	7.000	21.048	3.500	1	-7.417	3.500	3
	109:1.5 DL+1.5	7.000	50.832	7.000	4	-33.705	7.000	2
	110:.9 DL+1.5 \	7.000	17.167	7.000	1	-19.501	7.000	3
	111:.9 DL+1.5 \	7.000	13.793	3.500	4	-11.530	3.500	2
	112:.9 DL+1.5 \	7.000	25.291	4.083	1	-19.554	4.083	3
	113:.9 DL+1.5 \	7.000	31.811	7.000	4	-22.030	7.000	2
	201:1 DL+1 LL	7.000	47.682	7.000	3	-29.475	7.000	1
	202:1 DL+0.8 L	7.000	18.869	7.000	3	-8.976	7.000	1
	203:1 DL+0.8 L	7.000	29.251	6.417	4	-17.135	6.417	2
	204:1 DL+0.8 L	7.000	24.485	7.000	3	-10.579	7.000	1
	205:1 DL+0.8 L	7.000	46.236	7.000	4	-29.881	7.000	2
158	1:DL	7.000	31.701	7.000	1	-19.458	7.000	3
	2:LL	7.000	15.981	7.000	1	-10.017	7.000	3
	3:WLX+CPI	7.000	4.105	7.000	3	-10.547	7.000	1
	4:WLZ+CPI	7.000	16.578	7.000	3	-22.854	7.000	1
	5:WLX-CPI	7.000	16.764	7.000	1	-17.447	7.000	3
	6:WLZ-CPI	7.000	4.665	7.000	4	-5.490	7.000	2
	101:1.5 DL+1.5	7.000	71.524	7.000	1	-44.213	7.000	3
	102:1.2 DL+1.2	7.000	44.562	7.000	1	-30.444	7.000	3
	103:1.2 DL+1.2	7.000	35.513	5.833	1	-20.903	5.833	3
	104:1.2 DL+1.2	7.000	77.336	7.000	1	-56.306	7.000	3
	105:1.2 DL+1.2	7.000	59.843	7.000	1	-38.985	7.000	3
	106:1.5 DL+1.5	7.000	32.928	5.833	1	-23.861	5.833	3
	107:1.5 DL+1.5	7.000	26.053	4.083	1	-16.321	4.667	3
	108:1.5 DL+1.5	7.000	72.698	7.000	1	-55.357	7.000	3
	109:1.5 DL+1.5	7.000	50.832	7.000	1	-33.705	7.000	3
	110:.9 DL+1.5 \	7.000	17.844	4.667	1	-16.049	4.667	3
	111:.9 DL+1.5 \	7.000	13.793	3.500	1	-11.530	3.500	3
	112:.9 DL+1.5 \	7.000	53.677	7.000	1	-43.683	7.000	3
	113:.9 DL+1.5 \	7.000	31.811	7.000	1	-22.030	7.000	3
	201:1 DL+1 LL	7.000	47.682	7.000	1	-29.475	7.000	3
	202:1 DL+0.8 L	7.000	36.048	7.000	1	-24.187	7.000	3
	203:1 DL+0.8 L	7.000	29.251	6.417	1	-17.135	6.417	3
	204:1 DL+0.8 L	7.000	57.898	7.000	1	-41.429	7.000	3
	205:1 DL+0.8 L	7.000	46.236	7.000	1	-29.881	7.000	3
159	1:DL	2.000	2.219	0.000	3	-22.288	0.000	1
	2:LL	2.000	1.128	0.000	3	-11.326	0.000	1
	3:WLX+CPI	2.000	19.085	0.000	1	-7.451	0.000	3
	4:WLZ+CPI	2.000	19.755	0.000	1	-12.338	0.000	4



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	2.000	13.112	0.000	1	-9.506	0.000	3
	6:WLZ-CPI	2.000	19.716	2.000	1	-18.804	2.000	2
	101:1.5 DL+1.5	2.000	5.021	0.000	3	-50.421	0.000	1
	102:1.2 DL+1.2	2.000				-17.503	2.000	3
	103:1.2 DL+1.2	2.000	6.825	0.000	3	-34.245	0.000	1
	104:1.2 DL+1.2	2.000				-27.186	2.000	3
	105:1.2 DL+1.2	2.000	23.746	0.000	3	-58.973	0.000	1
	106:1.5 DL+1.5	2.000				-11.409	2.000	3
	107:1.5 DL+1.5	2.000	8.546	2.000	1	-27.522	2.000	3
	108:1.5 DL+1.5	2.000				-23.512	2.000	3
	109:1.5 DL+1.5	2.000	27.991	0.000	3	-56.726	0.000	1
	110:.9 DL+1.5 \	2.000	8.568	0.000	1	-9.179	0.000	3
	111:.9 DL+1.5 \	2.000	12.346	2.000	1	-19.281	2.000	3
	112:.9 DL+1.5 \	2.000	2.618	2.000	1	-15.271	2.000	3
	113:.9 DL+1.5 \	2.000	26.659	0.000	2	-43.354	0.000	1
	201:1 DL+1 LL	2.000	3.347	0.000	3	-33.614	0.000	1
	202:1 DL+0.8 L	2.000				-16.081	0.000	1
	203:1 DL+0.8 L	2.000	4.994	0.000	3	-27.287	0.000	1
	204:1 DL+0.8 L	2.000				-20.871	2.000	3
	205:1 DL+0.8 L	2.000	16.275	0.000	3	-43.773	0.000	1
160	1:DL	1.020	24.653	0.000	3	-1.999	0.000	1
	2:LL	1.020	12.529	0.000	3	-1.016	0.000	1
	3:WLX+CPI	1.020	7.383	0.000	1	-21.135	0.000	3
	4:WLZ+CPI	1.020	11.039	0.000	1	-22.138	0.000	2
	5:WLX-CPI	1.020	10.273	0.000	1	-13.190	0.000	3
	6:WLZ-CPI	1.020	16.590	0.000	1	-17.684	0.000	2
	101:1.5 DL+1.5	1.020	55.772	0.000	3	-4.522	0.000	1
	102:1.2 DL+1.2	1.020	19.256	0.000	1			
	103:1.2 DL+1.2	1.020	35.584	0.000	1	-7.903	0.000	2
	104:1.2 DL+1.2	1.020	28.790	0.000	1			
	105:1.2 DL+1.2	1.020	63.004	0.000	1	-23.317	0.000	2
	106:1.5 DL+1.5	1.020	10.161	1.020	1			
	107:1.5 DL+1.5	1.020	25.687	0.000	1	-8.355	0.000	2
	108:1.5 DL+1.5	1.020	20.208	1.020	1			
	109:1.5 DL+1.5	1.020	59.962	0.000	1	-27.622	0.000	2
	110:.9 DL+1.5 \	1.020	9.276	0.000	1	-9.515	0.000	3
	111:.9 DL+1.5 \	1.020	14.760	0.000	1	-11.020	0.000	2
	112:.9 DL+1.5 \	1.020	15.675	1.020	1			
	113:.9 DL+1.5 \	1.020	45.170	0.000	1	-26.422	0.000	2
	201:1 DL+1 LL	1.020	37.182	0.000	3	-3.015	0.000	1
	202:1 DL+0.8 L	1.020	17.768	0.000	1			
	203:1 DL+0.8 L	1.020	28.653	0.000	1	-5.668	0.000	2
	204:1 DL+0.8 L	1.020	24.124	0.000	1			
	205:1 DL+0.8 L	1.020	46.933	0.000	1	-15.944	0.000	2
161	1:DL	1.020	24.653	0.000	3	-1.999	0.000	1
	2:LL	1.020	12.529	0.000	3	-1.016	0.000	1
	3:WLX+CPI	1.020				-10.852	0.000	1
	4:WLZ+CPI	1.020	11.039	0.000	2	-22.139	0.000	1



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			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	5.257	0.000	3	-11.806	0.000	1
	6:WLZ-CPI	1.020	16.590	0.000	2	-17.684	0.000	1
	101:1.5 DL+1.5	1.020	55.772	0.000	3	-4.522	0.000	1
	102:1.2 DL+1.2	1.020	31.596	0.000	3	-7.427	0.000	1
	103:1.2 DL+1.2	1.020	35.584	0.000	2	-7.903	0.000	1
	104:1.2 DL+1.2	1.020	50.927	0.000	3	-17.785	0.000	1
	105:1.2 DL+1.2	1.020	63.004	0.000	2	-23.317	0.000	1
	106:1.5 DL+1.5	1.020	20.702	0.000	3	-7.760	0.000	1
	107:1.5 DL+1.5	1.020	25.687	0.000	2	-8.355	0.000	1
	108:1.5 DL+1.5	1.020	44.865	0.000	3	-20.708	0.000	1
	109:1.5 DL+1.5	1.020	59.962	0.000	2	-27.622	0.000	1
	110:.9 DL+1.5 \	1.020	5.910	0.000	3	-6.561	0.000	1
	111:.9 DL+1.5 \	1.020	14.760	0.000	2	-11.020	0.000	1
	112:.9 DL+1.5 \	1.020	30.074	0.000	3	-19.508	0.000	1
	113:.9 DL+1.5 \	1.020	45.170	0.000	2	-26.422	0.000	1
	201:1 DL+1 LL	1.020	37.182	0.000	3	-3.015	0.000	1
	202:1 DL+0.8 L	1.020	25.994	0.000	3	-5.351	0.000	1
	203:1 DL+0.8 L	1.020	28.653	0.000	2	-5.668	0.000	1
	204:1 DL+0.8 L	1.020	38.882	0.000	3	-12.257	0.000	1
	205:1 DL+0.8 L	1.020	46.933	0.000	2	-15.944	0.000	1
162	1:DL	1.020	20.578	1.020	1			
	2:LL	1.020	10.458	1.020	1			
	3:WLX+CPI	1.020				-12.195	1.020	1
	4:WLZ+CPI	1.020	2.378	1.020	4	-14.700	1.020	2
	5:WLX-CPI	1.020	2.076	0.000	1	-5.942	0.000	3
	6:WLZ-CPI	1.020	12.119	0.000	1	-13.330	0.000	2
	101:1.5 DL+1.5	1.020	46.553	1.020	1			
	102:1.2 DL+1.2	1.020	22.609	1.020	1			
	103:1.2 DL+1.2	1.020	32.831	1.020	1	-2.850	1.020	3
	104:1.2 DL+1.2	1.020	36.339	1.020	1			
	105:1.2 DL+1.2	1.020	50.700	1.020	1	-7.386	1.020	3
	106:1.5 DL+1.5	1.020	12.575	1.020	1			
	107:1.5 DL+1.5	1.020	25.352	1.020	1	-6.732	1.020	3
	108:1.5 DL+1.5	1.020	29.738	1.020	1			
	109:1.5 DL+1.5	1.020	47.689	1.020	1	-12.402	1.020	3
	110:.9 DL+1.5 \	1.020	2.491	0.000	1	-3.512	0.000	3
	111:.9 DL+1.5 \	1.020	13.058	0.000	1	-9.279	0.000	2
	112:.9 DL+1.5 \	1.020	17.391	1.020	1	-0.929	1.020	3
	113:.9 DL+1.5 \	1.020	35.342	1.020	1	-14.897	1.020	3
	201:1 DL+1 LL	1.020	31.035	1.020	1			
	202:1 DL+0.8 L	1.020	19.188	1.020	1			
	203:1 DL+0.8 L	1.020	26.003	1.020	1	-1.069	1.020	3
	204:1 DL+0.8 L	1.020	28.342	1.020	1			
	205:1 DL+0.8 L	1.020	37.916	1.020	1	-4.093	1.020	3
163	1:DL	1.020	25.683	1.020	1			
	2:LL	1.020	13.052	1.020	1			
	3:WLX+CPI	1.020	0.423	1.020	3	-17.087	1.020	1
	4:WLZ+CPI	1.020	4.785	1.020	4	-17.947	1.020	2



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Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020				-4.465	1.020	1
	6:WLZ-CPI	1.020	12.037	1.020	4	-13.321	1.020	2
	101:1.5 DL+1.5	1.020	58.102	1.020	1			
	102:1.2 DL+1.2	1.020	25.977	1.020	1			
	103:1.2 DL+1.2	1.020	38.005	1.020	1	-6.833	1.020	3
	104:1.2 DL+1.2	1.020	41.124	1.020	1			
	105:1.2 DL+1.2	1.020	59.437	1.020	1	-14.012	1.020	3
	106:1.5 DL+1.5	1.020	12.894	1.020	1			
	107:1.5 DL+1.5	1.020	27.929	1.020	1	-8.745	1.020	3
	108:1.5 DL+1.5	1.020	31.827	1.020	1	-0.080	1.020	3
	109:1.5 DL+1.5	1.020	54.719	1.020	1	-17.719	1.020	3
	110:.9 DL+1.5 \	1.020	0.876	1.020	3	-2.516	1.020	1
	111:.9 DL+1.5 \	1.020	12.640	0.000	1	-9.027	0.000	2
	112:.9 DL+1.5 \	1.020	16.676	0.000	1	-0.500	0.000	3
	113:.9 DL+1.5 \	1.020	39.309	1.020	1	-17.880	1.020	3
	201:1 DL+1 LL	1.020	38.735	1.020	1			
	202:1 DL+0.8 L	1.020	22.455	1.020	1			
	203:1 DL+0.8 L	1.020	30.473	1.020	1	-4.501	1.020	3
	204:1 DL+0.8 L	1.020	32.552	1.020	1			
	205:1 DL+0.8 L	1.020	44.761	1.020	1	-9.287	1.020	3
164	1:DL	1.020	24.636	0.000	1			
	2:LL	1.020	12.520	0.000	1			
	3:WLX+CPI	1.020	0.039	1.020	3	-16.711	1.020	1
	4:WLZ+CPI	1.020	4.505	1.020	4	-17.773	1.020	2
	5:WLX-CPI	1.020	0.312	1.020	3	-5.568	1.020	1
	6:WLZ-CPI	1.020	11.976	0.000	1	-13.264	0.000	2
	101:1.5 DL+1.5	1.020	55.733	0.000	1			
	102:1.2 DL+1.2	1.020	24.611	0.000	1			
	103:1.2 DL+1.2	1.020	36.338	0.000	1	-5.712	0.000	3
	104:1.2 DL+1.2	1.020	38.438	0.000	1			
	105:1.2 DL+1.2	1.020	57.577	0.000	1	-12.575	0.000	3
	106:1.5 DL+1.5	1.020	11.984	0.000	1			
	107:1.5 DL+1.5	1.020	26.643	0.000	1	-7.966	0.000	3
	108:1.5 DL+1.5	1.020	29.267	0.000	1			
	109:1.5 DL+1.5	1.020	53.192	0.000	1	-16.544	0.000	3
	110:.9 DL+1.5 \	1.020	1.194	1.020	3	-3.054	1.020	1
	111:.9 DL+1.5 \	1.020	11.862	0.000	1	-8.617	0.000	2
	112:.9 DL+1.5 \	1.020	14.486	0.000	1			
	113:.9 DL+1.5 \	1.020	38.410	0.000	1	-17.195	0.000	3
	201:1 DL+1 LL	1.020	37.155	0.000	1			
	202:1 DL+0.8 L	1.020	21.334	0.000	1			
	203:1 DL+0.8 L	1.020	29.153	0.000	1	-3.591	0.000	3
	204:1 DL+0.8 L	1.020	30.552	0.000	1			
	205:1 DL+0.8 L	1.020	43.312	0.000	1	-8.166	0.000	3
165	1:DL	1.020	20.955	0.000	1			
	2:LL	1.020	10.649	0.000	1			
	3:WLX+CPI	1.020				-14.189	0.000	1
	4:WLZ+CPI	1.020	3.040	0.000	4	-16.191	0.000	1



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Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020				-5.138	0.000	1
	6:WLZ-CPI	1.020	11.816	0.000	1	-13.091	0.000	2
	101:1.5 DL+1.5	1.020	47.407	0.000	1			
	102:1.2 DL+1.2	1.020	20.899	0.000	1			
	103:1.2 DL+1.2	1.020	31.548	0.000	1	-1.946	0.000	3
	104:1.2 DL+1.2	1.020	31.760	0.000	1			
	105:1.2 DL+1.2	1.020	51.130	0.000	1	-7.278	0.000	3
	106:1.5 DL+1.5	1.020	10.150	0.000	1			
	107:1.5 DL+1.5	1.020	23.460	0.000	1	-5.573	0.000	3
	108:1.5 DL+1.5	1.020	23.726	0.000	1			
	109:1.5 DL+1.5	1.020	47.939	0.000	1	-12.239	0.000	3
	110:.9 DL+1.5 \	1.020	0.532	0.000	3	-2.423	0.000	1
	111:.9 DL+1.5 \	1.020	10.887	0.000	1	-8.045	0.000	2
	112:.9 DL+1.5 \	1.020	11.153	0.000	1			
	113:.9 DL+1.5 \	1.020	35.366	0.000	1	-14.711	0.000	2
	201:1 DL+1 LL	1.020	31.604	0.000	1			
	202:1 DL+0.8 L	1.020	18.124	0.000	1			
	203:1 DL+0.8 L	1.020	25.223	0.000	1	-0.473	0.000	3
	204:1 DL+0.8 L	1.020	25.364	0.000	1			
	205:1 DL+0.8 L	1.020	38.278	0.000	1	-4.028	0.000	3
196	1:DL	7.000	32.045	7.000	3	-19.935	7.000	1
	2:LL	7.000	16.136	7.000	3	-10.234	7.000	1
	3:WLX+CPI	7.000	23.533	7.000	1	-32.349	7.000	3
	4:WLZ+CPI	7.000	15.204	7.000	1	-21.774	7.000	3
	5:WLX-CPI	7.000	23.532	5.250	1	-27.381	5.250	3
	6:WLZ-CPI	7.000	0.953	7.000	1	-2.566	7.000	3
	101:1.5 DL+1.5	7.000	72.272	7.000	3	-45.253	7.000	1
	102:1.2 DL+1.2	7.000	18.999	7.000	3	-7.963	7.000	1
	103:1.2 DL+1.2	7.000	33.738	5.250	3	-19.627	5.833	1
	104:1.2 DL+1.2	7.000	27.676	7.000	3	-10.680	7.000	1
	105:1.2 DL+1.2	7.000	54.738	7.000	3	-35.059	7.000	1
	106:1.5 DL+1.5	7.000	7.341	4.083	2	-1.613	4.667	3
	107:1.5 DL+1.5	7.000	24.198	4.083	3	-14.973	4.083	1
	108:1.5 DL+1.5	7.000	21.249	3.500	2	-7.761	3.500	4
	109:1.5 DL+1.5	7.000	44.313	7.000	3	-28.567	7.000	1
	110:.9 DL+1.5 \	7.000	17.358	7.000	1	-19.683	7.000	3
	111:.9 DL+1.5 \	7.000	12.354	3.500	4	-10.652	3.500	2
	112:.9 DL+1.5 \	7.000	25.394	4.083	1	-19.720	4.083	3
	113:.9 DL+1.5 \	7.000	25.647	7.000	3	-17.167	7.000	1
	201:1 DL+1 LL	7.000	48.181	7.000	3	-30.169	7.000	1
	202:1 DL+0.8 L	7.000	19.075	7.000	3	-9.295	7.000	1
235	203:1 DL+0.8 L	7.000	28.001	5.833	3	-16.268	6.417	1
	204:1 DL+0.8 L	7.000	24.860	7.000	3	-11.107	7.000	1
	205:1 DL+0.8 L	7.000	42.901	7.000	3	-27.360	7.000	1
	1:DL	7.000	32.304	7.000	3	-20.109	7.000	1
	2:LL	7.000	16.267	7.000	3	-10.322	7.000	1
	3:WLX+CPI	7.000	23.389	7.000	1	-32.246	7.000	3
	4:WLZ+CPI	7.000	16.172	7.000	1	-22.651	7.000	3



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	7.000	23.542	5.250	1	-27.408	5.250	3
	6:WLZ-CPI	7.000	2.729	7.000	1	-3.219	7.000	3
	101:1.5 DL+1.5	7.000	72.857	7.000	3	-45.647	7.000	1
	102:1.2 DL+1.2	7.000	19.590	7.000	3	-8.450	7.000	1
	103:1.2 DL+1.2	7.000	33.387	5.250	4	-18.958	5.833	2
	104:1.2 DL+1.2	7.000	28.104	7.000	3	-10.975	7.000	1
	105:1.2 DL+1.2	7.000	55.459	7.000	3	-34.278	7.000	1
	106:1.5 DL+1.5	7.000	7.527	4.083	1	-1.756	5.250	3
	107:1.5 DL+1.5	7.000	23.764	4.083	4	-14.275	4.083	2
	108:1.5 DL+1.5	7.000	21.184	3.500	1	-7.594	3.500	3
	109:1.5 DL+1.5	7.000	44.923	7.000	3	-27.364	7.000	1
	110:.9 DL+1.5 \	7.000	17.382	7.000	1	-19.692	7.000	3
	111:.9 DL+1.5 \	7.000	11.767	2.917	3	-9.741	2.917	1
	112:.9 DL+1.5 \	7.000	25.362	4.083	1	-19.637	4.083	3
	113:.9 DL+1.5 \	7.000	25.540	7.000	4	-15.299	7.000	2
	201:1 DL+1 LL	7.000	48.571	7.000	3	-30.431	7.000	1
	202:1 DL+0.8 L	7.000	19.521	7.000	3	-9.655	7.000	1
	203:1 DL+0.8 L	7.000	27.775	5.833	4	-15.818	6.417	2
	204:1 DL+0.8 L	7.000	25.197	7.000	3	-11.339	7.000	1
	205:1 DL+0.8 L	7.000	43.433	7.000	3	-26.874	7.000	1
274	1:DL	7.000	31.713	7.000	3	-19.691	7.000	1
	2:LL	7.000	15.968	7.000	3	-10.111	7.000	1
	3:WLX+CPI	7.000	23.409	7.000	1	-32.166	7.000	3
	4:WLZ+CPI	7.000	17.127	7.000	1	-24.759	7.000	3
	5:WLX-CPI	7.000	23.181	5.250	1	-26.996	5.250	3
	6:WLZ-CPI	7.000	3.055	7.000	1	-5.516	7.000	3
	101:1.5 DL+1.5	7.000	71.522	7.000	3	-44.702	7.000	1
	102:1.2 DL+1.2	7.000	18.618	7.000	3	-7.671	7.000	1
	103:1.2 DL+1.2	7.000	30.421	5.250	3	-17.685	5.250	1
	104:1.2 DL+1.2	7.000	27.686	7.000	3	-10.808	7.000	1
	105:1.2 DL+1.2	7.000	50.599	7.000	3	-32.096	7.000	1
	106:1.5 DL+1.5	7.000	7.336	4.083	1	-1.654	4.667	3
	107:1.5 DL+1.5	7.000	21.233	4.083	4	-13.734	4.083	1
	108:1.5 DL+1.5	7.000	21.053	3.500	2	-7.646	3.500	4
	109:1.5 DL+1.5	7.000	39.823	7.000	3	-25.480	7.000	1
	110:.9 DL+1.5 \	7.000	17.391	7.000	1	-19.708	7.000	3
	111:.9 DL+1.5 \	7.000	10.062	2.917	3	-9.923	2.917	1
	112:.9 DL+1.5 \	7.000	25.134	4.083	1	-19.488	4.083	3
	113:.9 DL+1.5 \	7.000	21.294	7.000	3	-14.165	7.000	1
	201:1 DL+1 LL	7.000	47.681	7.000	3	-29.801	7.000	1
	202:1 DL+0.8 L	7.000	18.755	7.000	3	-9.052	7.000	1
313	203:1 DL+0.8 L	7.000	25.540	5.833	3	-14.694	5.833	1
	204:1 DL+0.8 L	7.000	24.800	7.000	3	-11.143	7.000	1
	205:1 DL+0.8 L	7.000	40.075	7.000	3	-25.335	7.000	1
	1:DL	7.000	2.538	7.000	4	-0.626	7.000	2
	2:LL	7.000	1.241	7.000	4	-0.388	7.000	2
	3:WLX+CPI	7.000	61.664	3.500	1	-63.041	3.500	3
	4:WLZ+CPI	7.000	33.592	3.500	4	-34.418	3.500	2



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			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	7.000	14.846	4.083	1	-15.975	4.083	3
	6:WLZ-CPI	7.000	42.756	3.500	1	-41.921	3.500	2
	101:1.5 DL+1.5	7.000	5.668	7.000	4	-1.520	7.000	2
	102:1.2 DL+1.2	7.000	74.798	3.500	1	-72.695	3.500	3
	103:1.2 DL+1.2	7.000	43.626	3.500	4	-40.861	3.500	2
	104:1.2 DL+1.2	7.000	18.401	4.083	1	-16.072	4.083	3
	105:1.2 DL+1.2	7.000	54.276	3.500	4	-49.518	3.500	2
	106:1.5 DL+1.5	7.000	93.328	3.500	1	-91.978	3.500	3
	107:1.5 DL+1.5	7.000	53.282	3.500	4	-51.106	3.500	2
	108:1.5 DL+1.5	7.000	22.910	4.083	1	-21.278	4.083	3
	109:1.5 DL+1.5	7.000	66.594	3.500	4	-61.927	3.500	2
	110:.9 DL+1.5 \	7.000	92.995	3.500	1	-93.012	3.500	3
	111:.9 DL+1.5 \	7.000	52.124	3.500	4	-51.315	3.500	2
	112:.9 DL+1.5 \	7.000	22.654	4.083	1	-22.352	4.083	3
	113:.9 DL+1.5 \	7.000	65.437	3.500	1	-62.136	3.500	2
	201:1 DL+1 LL	7.000	3.779	7.000	4	-1.014	7.000	2
	202:1 DL+0.8 L	7.000	49.976	3.500	1	-48.119	3.500	3
	203:1 DL+0.8 L	7.000	29.470	3.500	4	-27.171	3.500	2
	204:1 DL+0.8 L	7.000	12.353	4.083	1	-10.357	4.083	3
	205:1 DL+0.8 L	7.000	36.570	3.500	4	-32.943	3.500	2
352	1:DL	1.020	1.814	1.020	1	-0.431	1.020	3
	2:LL	1.020	0.932	1.020	1	-0.210	1.020	3
	3:WLX+CPI	1.020	9.902	0.000	1	-10.690	0.000	2
	4:WLZ+CPI	1.020	4.488	1.020	1	-5.704	1.020	3
	5:WLX-CPI	1.020	4.086	0.000	1	-3.624	0.000	3
	6:WLZ-CPI	1.020	9.084	1.020	1	-9.149	1.020	2
	101:1.5 DL+1.5	1.020	4.120	1.020	1	-0.961	1.020	3
	102:1.2 DL+1.2	1.020	14.611	0.000	1	-13.030	0.000	2
	103:1.2 DL+1.2	1.020	8.680	1.020	1	-7.613	1.020	3
	104:1.2 DL+1.2	1.020	7.633	0.000	1	-4.551	0.000	3
	105:1.2 DL+1.2	1.020	13.819	1.020	1	-11.370	1.020	3
	106:1.5 DL+1.5	1.020	17.111	0.000	1	-16.218	0.000	2
	107:1.5 DL+1.5	1.020	9.453	1.020	1	-9.202	1.020	3
	108:1.5 DL+1.5	1.020	8.388	0.000	1	-5.619	0.000	3
	109:1.5 DL+1.5	1.020	15.876	1.020	1	-13.898	1.020	3
	110:.9 DL+1.5 \	1.020	16.208	0.000	1	-16.144	0.000	2
	111:.9 DL+1.5 \	1.020	8.364	1.020	1	-8.944	1.020	3
	112:.9 DL+1.5 \	1.020	7.485	0.000	1	-5.546	0.000	3
	113:.9 DL+1.5 \	1.020	14.788	1.020	1	-13.640	1.020	3
	201:1 DL+1 LL	1.020	2.746	1.020	1	-0.641	1.020	3
	202:1 DL+0.8 L	1.020	10.042	0.000	1	-8.711	0.000	2
353	203:1 DL+0.8 L	1.020	6.149	1.020	1	-5.161	1.020	3
	204:1 DL+0.8 L	1.020	5.390	0.000	1	-3.058	0.000	3
	205:1 DL+0.8 L	1.020	9.575	1.020	1	-7.666	1.020	3
	1:DL	1.020	1.810	0.000	1	-0.600	0.000	3
	2:LL	1.020	0.936	0.000	1	-0.300	0.000	3
	3:WLX+CPI	1.020	0.893	0.000	1	-1.826	0.000	2
	4:WLZ+CPI	1.020	5.002	0.000	1	-6.281	0.000	2



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			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	1.051	0.000	1	-0.808	0.000	3
	6:WLZ-CPI	1.020	11.730	1.020	1	-11.783	1.020	3
	101:1.5 DL+1.5	1.020	4.120	0.000	1	-1.351	0.000	3
	102:1.2 DL+1.2	1.020	3.565	0.000	1	-2.469	0.000	3
	103:1.2 DL+1.2	1.020	8.440	0.000	1	-7.760	0.000	2
	104:1.2 DL+1.2	1.020	4.556	0.000	1	-2.050	0.000	3
	105:1.2 DL+1.2	1.020	16.298	0.000	1	-14.147	0.000	2
	106:1.5 DL+1.5	1.020	3.052	0.000	1	-2.636	0.000	2
	107:1.5 DL+1.5	1.020	9.147	0.000	1	-9.250	0.000	2
	108:1.5 DL+1.5	1.020	4.292	0.000	1	-2.112	0.000	3
	109:1.5 DL+1.5	1.020	18.969	0.000	1	-17.234	0.000	2
	110:.9 DL+1.5 \	1.020	1.966	0.000	1	-2.276	0.000	2
	111:.9 DL+1.5 \	1.020	8.061	0.000	1	-8.890	0.000	2
	112:.9 DL+1.5 \	1.020	3.206	0.000	1	-1.752	0.000	3
	113:.9 DL+1.5 \	1.020	18.097	1.020	4	-17.088	1.020	2
	201:1 DL+1 LL	1.020	2.746	0.000	1	-0.900	0.000	3
	202:1 DL+0.8 L	1.020	2.738	0.000	1	-1.766	0.000	3
	203:1 DL+0.8 L	1.020	5.989	0.000	1	-5.293	0.000	2
	204:1 DL+0.8 L	1.020	3.400	0.000	1	-1.486	0.000	3
	205:1 DL+0.8 L	1.020	11.227	0.000	1	-9.551	0.000	2
354	1:DL	1.020	2.221	1.020	3	-1.310	1.020	1
	2:LL	1.020	1.125	1.020	3	-0.640	1.020	1
	3:WLX+CPI	1.020	0.299	1.020	1	-1.270	1.020	3
	4:WLZ+CPI	1.020	5.606	1.020	1	-6.884	1.020	3
	5:WLX-CPI	1.020	0.234	0.000	3	-0.202	0.000	1
	6:WLZ-CPI	1.020	12.293	1.020	1	-12.323	1.020	3
	101:1.5 DL+1.5	1.020	5.019	1.020	3	-2.925	1.020	1
	102:1.2 DL+1.2	1.020	2.596	1.020	3	-2.085	1.020	1
	103:1.2 DL+1.2	1.020	8.772	1.020	4	-8.630	1.020	2
	104:1.2 DL+1.2	1.020	4.284	1.020	3	-2.571	1.020	1
	105:1.2 DL+1.2	1.020	18.000	1.020	4	-16.362	1.020	2
	106:1.5 DL+1.5	1.020	1.556	1.020	4	-1.647	1.020	2
	107:1.5 DL+1.5	1.020	9.277	1.020	4	-9.828	1.020	2
	108:1.5 DL+1.5	1.020	3.667	1.020	3	-2.254	1.020	1
	109:1.5 DL+1.5	1.020	20.812	1.020	4	-19.492	1.020	2
	110:.9 DL+1.5 \	1.020	0.399	0.000	3	-1.036	0.000	1
	111:.9 DL+1.5 \	1.020	7.945	1.020	4	-9.042	1.020	2
	112:.9 DL+1.5 \	1.020	2.335	1.020	3	-1.468	1.020	1
	113:.9 DL+1.5 \	1.020	19.480	1.020	4	-18.706	1.020	2
	201:1 DL+1 LL	1.020	3.346	1.020	3	-1.950	1.020	1
	202:1 DL+0.8 L	1.020	2.174	1.020	3	-1.652	1.020	1
355	203:1 DL+0.8 L	1.020	6.292	1.020	4	-6.015	1.020	2
	204:1 DL+0.8 L	1.020	3.300	1.020	3	-1.976	1.020	1
	205:1 DL+0.8 L	1.020	12.444	1.020	4	-11.170	1.020	2
	1:DL	1.020	1.005	1.020	1			
	2:LL	1.020	0.529	1.020	1			
	3:WLX+CPI	1.020	0.013	0.000	4	-1.275	0.000	1
	4:WLZ+CPI	1.020	5.035	1.020	4	-6.583	1.020	2



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			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	1.020	0.601	0.000	3	-0.702	0.000	1
	6:WLZ-CPI	1.020	11.975	0.000	1	-12.078	0.000	2
	101:1.5 DL+1.5	1.020	2.301	1.020	1			
	102:1.2 DL+1.2	1.020	0.936	0.000	3	-0.298	0.000	1
	103:1.2 DL+1.2	1.020	6.943	1.020	1	-6.648	1.020	3
	104:1.2 DL+1.2	1.020	1.641	0.000	1			
	105:1.2 DL+1.2	1.020	16.118	1.020	1	-14.089	1.020	3
	106:1.5 DL+1.5	1.020	0.782	0.000	3	-0.913	0.000	1
	107:1.5 DL+1.5	1.020	8.208	0.000	1	-8.768	0.000	2
	108:1.5 DL+1.5	1.020	1.664	0.000	3	-0.053	0.000	1
	109:1.5 DL+1.5	1.020	19.354	1.020	1	-17.747	1.020	3
	110:.9 DL+1.5 \	1.020	0.477	0.000	3	-1.313	0.000	1
	111:.9 DL+1.5 \	1.020	7.903	0.000	1	-9.168	0.000	2
	112:.9 DL+1.5 \	1.020	1.359	0.000	3	-0.453	0.000	1
	113:.9 DL+1.5 \	1.020	18.751	1.020	1	-17.849	1.020	3
	201:1 DL+1 LL	1.020	1.534	1.020	1			
	202:1 DL+0.8 L	1.020	0.726	0.000	3	-0.065	0.000	1
	203:1 DL+0.8 L	1.020	4.830	1.020	1	-4.398	1.020	3
	204:1 DL+0.8 L	1.020	1.196	0.000	1			
	205:1 DL+0.8 L	1.020	10.946	1.020	1	-9.359	1.020	3
356	1:DL	1.020	2.086	0.000	1	-0.950	0.000	3
	2:LL	1.020	1.070	0.000	1	-0.471	0.000	3
	3:WLX+CPI	1.020	0.594	0.000	3	-1.904	0.000	1
	4:WLZ+CPI	1.020	5.438	0.000	1	-7.073	0.000	2
	5:WLX-CPI	1.020	0.645	0.000	3	-0.721	0.000	1
	6:WLZ-CPI	1.020	12.076	0.000	1	-12.209	0.000	2
	101:1.5 DL+1.5	1.020	4.734	0.000	1	-2.131	0.000	3
	102:1.2 DL+1.2	1.020	1.949	1.020	1	-1.440	1.020	3
	103:1.2 DL+1.2	1.020	8.243	0.000	1	-8.123	0.000	2
	104:1.2 DL+1.2	1.020	2.930	0.000	1	-0.939	0.000	3
	105:1.2 DL+1.2	1.020	17.720	0.000	1	-15.797	0.000	2
	106:1.5 DL+1.5	1.020	1.151	1.020	1	-1.413	1.020	3
	107:1.5 DL+1.5	1.020	8.861	1.020	1	-9.610	1.020	3
	108:1.5 DL+1.5	1.020	2.088	1.020	1	-0.498	1.020	3
	109:1.5 DL+1.5	1.020	20.546	0.000	1	-19.041	0.000	2
	110:.9 DL+1.5 \	1.020	0.143	1.020	1	-1.086	1.020	3
	111:.9 DL+1.5 \	1.020	7.853	1.020	1	-9.283	1.020	3
	112:.9 DL+1.5 \	1.020	1.080	1.020	1	-0.172	1.020	3
	113:.9 DL+1.5 \	1.020	19.295	0.000	1	-18.472	0.000	2
	201:1 DL+1 LL	1.020	3.156	0.000	1	-1.421	0.000	3
	202:1 DL+0.8 L	1.020	1.636	1.020	1	-1.069	1.020	3
	203:1 DL+0.8 L	1.020	5.912	0.000	1	-5.605	0.000	2
	204:1 DL+0.8 L	1.020	2.370	0.000	1	-0.816	0.000	3
	205:1 DL+0.8 L	1.020	12.230	0.000	1	-10.721	0.000	2
357	1:DL	6.000	7.102	3.000	1	-7.119	3.000	3
	2:LL	6.000	1.935	3.000	1	-1.941	3.000	3
	3:WLX+CPI	6.000	0.632	3.000	3	-1.263	3.000	1
	4:WLZ+CPI	6.000	0.744	3.000	3	-0.705	3.000	1



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			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	6.000	0.368	3.000	3	-0.413	3.000	1
	6:WLZ-CPI	6.000	0.416	3.000	3			
	101:1.5 DL+1.5	6.000	13.555	3.000	1	-13.590	3.000	3
	102:1.2 DL+1.2	6.000	9.328	3.000	1	-10.114	3.000	3
	103:1.2 DL+1.2	6.000	9.998	3.000	1	-9.979	3.000	3
	104:1.2 DL+1.2	6.000	10.348	3.000	1	-10.431	3.000	3
	105:1.2 DL+1.2	6.000	10.934	3.000	1	-10.372	3.000	3
	106:1.5 DL+1.5	6.000	8.758	3.000	1	-9.730	3.000	3
	107:1.5 DL+1.5	6.000	9.595	3.000	1	-9.562	3.000	3
	108:1.5 DL+1.5	6.000	10.033	3.000	1	-10.126	3.000	3
	109:1.5 DL+1.5	6.000	10.766	3.000	1	-10.053	3.000	3
	110:.9 DL+1.5 \	6.000	4.497	3.000	1	-5.459	3.000	3
	111:.9 DL+1.5 \	6.000	5.334	3.000	1	-5.291	3.000	3
	112:.9 DL+1.5 \	6.000	5.772	3.000	1	-5.855	3.000	3
	113:.9 DL+1.5 \	6.000	6.505	3.000	1	-5.782	3.000	3
	201:1 DL+1 LL	6.000	9.037	3.000	1	-9.060	3.000	3
	202:1 DL+0.8 L	6.000	7.639	3.000	1	-8.166	3.000	3
	203:1 DL+0.8 L	6.000	8.085	3.000	1	-8.076	3.000	3
	204:1 DL+0.8 L	6.000	8.319	3.000	1	-8.377	3.000	3
	205:1 DL+0.8 L	6.000	8.710	3.000	1	-8.338	3.000	3
463	1:DL	6.000	7.102	3.000	1	-7.119	3.000	3
	2:LL	6.000	1.935	3.000	1	-1.941	3.000	3
	3:WLX+CPI	6.000	0.632	3.000	3	-1.263	3.000	1
	4:WLZ+CPI	6.000	0.597	3.000	3	-0.852	3.000	1
	5:WLX-CPI	6.000	0.368	3.000	3	-0.413	3.000	1
	6:WLZ-CPI	6.000	0.029	3.000	3	-0.312	3.000	1
	101:1.5 DL+1.5	6.000	13.555	3.000	1	-13.590	3.000	3
	102:1.2 DL+1.2	6.000	9.328	3.000	1	-10.114	3.000	3
	103:1.2 DL+1.2	6.000	9.821	3.000	1	-10.155	3.000	3
	104:1.2 DL+1.2	6.000	10.348	3.000	1	-10.431	3.000	3
	105:1.2 DL+1.2	6.000	10.470	3.000	1	-10.837	3.000	3
	106:1.5 DL+1.5	6.000	8.758	3.000	1	-9.730	3.000	3
	107:1.5 DL+1.5	6.000	9.375	3.000	1	-9.782	3.000	3
	108:1.5 DL+1.5	6.000	10.033	3.000	1	-10.126	3.000	3
	109:1.5 DL+1.5	6.000	10.185	3.000	1	-10.634	3.000	3
	110:.9 DL+1.5 \	6.000	4.497	3.000	1	-5.459	3.000	3
	111:.9 DL+1.5 \	6.000	5.114	3.000	1	-5.511	3.000	3
	112:.9 DL+1.5 \	6.000	5.772	3.000	1	-5.855	3.000	3
	113:.9 DL+1.5 \	6.000	5.924	3.000	1	-6.363	3.000	3
	201:1 DL+1 LL	6.000	9.037	3.000	1	-9.060	3.000	3
	202:1 DL+0.8 L	6.000	7.639	3.000	1	-8.166	3.000	3
464	203:1 DL+0.8 L	6.000	7.968	3.000	1	-8.194	3.000	3
	204:1 DL+0.8 L	6.000	8.319	3.000	1	-8.377	3.000	3
	205:1 DL+0.8 L	6.000	8.400	3.000	1	-8.648	3.000	3
	1:DL	6.000	7.148	3.000	1	-7.073	3.000	3
	2:LL	6.000	1.956	3.000	1	-1.920	3.000	3
	3:WLX+CPI	6.000	0.615	3.000	3	-1.280	3.000	1
	4:WLZ+CPI	6.000	0.616	3.000	3	-0.834	3.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	6.000	0.356	3.000	3	-0.425	3.000	1
	6:WLZ-CPI	6.000	0.124	3.000	3	-0.217	3.000	1
	101:1.5 DL+1.5	6.000	13.656	3.000	1	-13.489	3.000	3
	102:1.2 DL+1.2	6.000	9.389	3.000	1	-10.053	3.000	3
	103:1.2 DL+1.2	6.000	9.924	3.000	1	-10.052	3.000	3
	104:1.2 DL+1.2	6.000	10.415	3.000	1	-10.364	3.000	3
	105:1.2 DL+1.2	6.000	10.664	3.000	1	-10.642	3.000	3
	106:1.5 DL+1.5	6.000	8.802	3.000	1	-9.686	3.000	3
	107:1.5 DL+1.5	6.000	9.472	3.000	1	-9.685	3.000	3
	108:1.5 DL+1.5	6.000	10.085	3.000	1	-10.074	3.000	3
	109:1.5 DL+1.5	6.000	10.396	3.000	1	-10.423	3.000	3
	110:.9 DL+1.5 \	6.000	4.513	3.000	1	-5.443	3.000	3
	111:.9 DL+1.5 \	6.000	5.183	3.000	1	-5.442	3.000	3
	112:.9 DL+1.5 \	6.000	5.796	3.000	1	-5.831	3.000	3
	113:.9 DL+1.5 \	6.000	6.108	3.000	1	-6.179	3.000	3
	201:1 DL+1 LL	6.000	9.104	3.000	1	-8.993	3.000	3
	202:1 DL+0.8 L	6.000	7.689	3.000	1	-8.117	3.000	3
	203:1 DL+0.8 L	6.000	8.046	3.000	1	-8.116	3.000	3
	204:1 DL+0.8 L	6.000	8.373	3.000	1	-8.324	3.000	3
	205:1 DL+0.8 L	6.000	8.539	3.000	1	-8.509	3.000	3
465	1:DL	6.000	7.100	3.000	1	-7.120	3.000	3
	2:LL	6.000	1.934	3.000	1	-1.942	3.000	3
	3:WLX+CPI	6.000	0.658	3.000	3	-1.237	3.000	1
	4:WLZ+CPI	6.000	0.588	3.000	3	-0.668	3.000	1
	5:WLX-CPI	6.000	0.371	3.000	3	-0.409	3.000	1
	6:WLZ-CPI	6.000	0.620	3.000	3	-0.502	3.000	1
	101:1.5 DL+1.5	6.000	13.552	3.000	1	-13.593	3.000	3
	102:1.2 DL+1.2	6.000	9.356	3.000	1	-10.085	3.000	3
	103:1.2 DL+1.2	6.000	10.039	3.000	1	-10.169	3.000	3
	104:1.2 DL+1.2	6.000	10.350	3.000	1	-10.429	3.000	3
	105:1.2 DL+1.2	6.000	10.239	3.000	1	-10.130	3.000	3
	106:1.5 DL+1.5	6.000	8.794	3.000	1	-9.694	3.000	3
	107:1.5 DL+1.5	6.000	9.648	3.000	1	-9.798	3.000	3
	108:1.5 DL+1.5	6.000	10.036	3.000	1	-10.123	3.000	3
	109:1.5 DL+1.5	6.000	9.898	3.000	1	-9.750	3.000	3
	110:.9 DL+1.5 \	6.000	4.534	3.000	1	-5.422	3.000	3
	111:.9 DL+1.5 \	6.000	5.388	3.000	1	-5.526	3.000	3
	112:.9 DL+1.5 \	6.000	5.776	3.000	1	-5.851	3.000	3
	113:.9 DL+1.5 \	6.000	5.638	3.000	1	-5.478	3.000	3
	201:1 DL+1 LL	6.000	9.034	3.000	1	-9.062	3.000	3
	202:1 DL+0.8 L	6.000	7.658	3.000	1	-8.148	3.000	3
466	203:1 DL+0.8 L	6.000	8.113	3.000	1	-8.203	3.000	3
	204:1 DL+0.8 L	6.000	8.320	3.000	1	-8.377	3.000	3
	205:1 DL+0.8 L	6.000	8.246	3.000	1	-8.178	3.000	3
	1:DL	6.000	7.147	3.000	1	-7.074	3.000	3
	2:LL	6.000	1.956	3.000	1	-1.921	3.000	3
	3:WLX+CPI	6.000	0.631	3.000	3	-1.264	3.000	1
	4:WLZ+CPI	6.000	0.608	3.000	3	-0.648	3.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	6.000	0.358	3.000	3	-0.423	3.000	1
	6:WLZ-CPI	6.000	0.719	3.000	3	-0.403	3.000	1
	101:1.5 DL+1.5	6.000	13.654	3.000	1	-13.491	3.000	3
	102:1.2 DL+1.2	6.000	9.406	3.000	1	-10.036	3.000	3
	103:1.2 DL+1.2	6.000	10.145	3.000	1	-10.063	3.000	3
	104:1.2 DL+1.2	6.000	10.415	3.000	1	-10.364	3.000	3
	105:1.2 DL+1.2	6.000	10.439	3.000	1	-9.931	3.000	3
	106:1.5 DL+1.5	6.000	8.824	3.000	1	-9.664	3.000	3
	107:1.5 DL+1.5	6.000	9.748	3.000	1	-9.698	3.000	3
	108:1.5 DL+1.5	6.000	10.086	3.000	1	-10.074	3.000	3
	109:1.5 DL+1.5	6.000	10.115	3.000	1	-9.533	3.000	3
	110:.9 DL+1.5 \	6.000	4.536	3.000	1	-5.420	3.000	3
	111:.9 DL+1.5 \	6.000	5.460	3.000	1	-5.454	3.000	3
	112:.9 DL+1.5 \	6.000	5.798	3.000	1	-5.830	3.000	3
	113:.9 DL+1.5 \	6.000	5.827	3.000	1	-5.288	3.000	3
	201:1 DL+1 LL	6.000	9.102	3.000	1	-8.994	3.000	3
	202:1 DL+0.8 L	6.000	7.700	3.000	1	-8.105	3.000	3
	203:1 DL+0.8 L	6.000	8.193	3.000	1	-8.123	3.000	3
	204:1 DL+0.8 L	6.000	8.373	3.000	1	-8.324	3.000	3
	205:1 DL+0.8 L	6.000	8.389	3.000	1	-8.035	3.000	3
467	1:DL	6.000	7.147	3.000	1	-7.074	3.000	3
	2:LL	6.000	1.956	3.000	1	-1.921	3.000	3
	3:WLX+CPI	6.000	0.631	3.000	3	-1.264	3.000	1
	4:WLZ+CPI	6.000	0.503	3.000	3	-0.753	3.000	1
	5:WLX-CPI	6.000	0.358	3.000	3	-0.423	3.000	1
	6:WLZ-CPI	6.000	0.488	3.000	3	-0.634	3.000	1
	101:1.5 DL+1.5	6.000	13.654	3.000	1	-13.491	3.000	3
	102:1.2 DL+1.2	6.000	9.406	3.000	1	-10.036	3.000	3
	103:1.2 DL+1.2	6.000	10.019	3.000	1	-10.189	3.000	3
	104:1.2 DL+1.2	6.000	10.415	3.000	1	-10.364	3.000	3
	105:1.2 DL+1.2	6.000	10.162	3.000	1	-10.208	3.000	3
	106:1.5 DL+1.5	6.000	8.824	3.000	1	-9.664	3.000	3
	107:1.5 DL+1.5	6.000	9.591	3.000	1	-9.855	3.000	3
	108:1.5 DL+1.5	6.000	10.086	3.000	1	-10.074	3.000	3
	109:1.5 DL+1.5	6.000	9.769	3.000	1	-9.879	3.000	3
	110:.9 DL+1.5 \	6.000	4.536	3.000	1	-5.420	3.000	3
	111:.9 DL+1.5 \	6.000	5.303	3.000	1	-5.611	3.000	3
	112:.9 DL+1.5 \	6.000	5.798	3.000	1	-5.830	3.000	3
	113:.9 DL+1.5 \	6.000	5.481	3.000	1	-5.635	3.000	3
	201:1 DL+1 LL	6.000	9.102	3.000	1	-8.994	3.000	3
	202:1 DL+0.8 L	6.000	7.700	3.000	1	-8.105	3.000	3
468	203:1 DL+0.8 L	6.000	8.109	3.000	1	-8.207	3.000	3
	204:1 DL+0.8 L	6.000	8.373	3.000	1	-8.324	3.000	3
	205:1 DL+0.8 L	6.000	8.204	3.000	1	-8.220	3.000	3
	1:DL	6.000	7.100	3.000	1	-7.120	3.000	3
	2:LL	6.000	1.934	3.000	1	-1.942	3.000	3
	3:WLX+CPI	6.000	0.658	3.000	3	-1.237	3.000	1
	4:WLZ+CPI	6.000	0.567	3.000	3	-0.690	3.000	1



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	6.000	0.371	3.000	3	-0.409	3.000	1
	6:WLZ-CPI	6.000	0.594	3.000	3	-0.528	3.000	1
	101:1.5 DL+1.5	6.000	13.552	3.000	1	-13.593	3.000	3
	102:1.2 DL+1.2	6.000	9.356	3.000	1	-10.085	3.000	3
	103:1.2 DL+1.2	6.000	10.014	3.000	1	-10.194	3.000	3
	104:1.2 DL+1.2	6.000	10.350	3.000	1	-10.429	3.000	3
	105:1.2 DL+1.2	6.000	10.208	3.000	1	-10.162	3.000	3
	106:1.5 DL+1.5	6.000	8.794	3.000	1	-9.694	3.000	3
	107:1.5 DL+1.5	6.000	9.616	3.000	1	-9.830	3.000	3
	108:1.5 DL+1.5	6.000	10.036	3.000	1	-10.123	3.000	3
	109:1.5 DL+1.5	6.000	9.859	3.000	1	-9.789	3.000	3
	110:.9 DL+1.5 \	6.000	4.534	3.000	1	-5.422	3.000	3
	111:.9 DL+1.5 \	6.000	5.356	3.000	1	-5.558	3.000	3
	112:.9 DL+1.5 \	6.000	5.776	3.000	1	-5.851	3.000	3
	113:.9 DL+1.5 \	6.000	5.598	3.000	1	-5.517	3.000	3
	201:1 DL+1 LL	6.000	9.034	3.000	1	-9.062	3.000	3
	202:1 DL+0.8 L	6.000	7.658	3.000	1	-8.148	3.000	3
	203:1 DL+0.8 L	6.000	8.096	3.000	1	-8.220	3.000	3
	204:1 DL+0.8 L	6.000	8.320	3.000	1	-8.377	3.000	3
	205:1 DL+0.8 L	6.000	8.225	3.000	1	-8.199	3.000	3
469	1:DL	6.000	7.148	3.000	1	-7.073	3.000	3
	2:LL	6.000	1.956	3.000	1	-1.920	3.000	3
	3:WLX+CPI	6.000	0.615	3.000	3	-1.280	3.000	1
	4:WLZ+CPI	6.000	0.678	3.000	3	-0.771	3.000	1
	5:WLX-CPI	6.000	0.356	3.000	3	-0.425	3.000	1
	6:WLZ-CPI	6.000	0.304	3.000	3	-0.037	3.000	1
	101:1.5 DL+1.5	6.000	13.656	3.000	1	-13.489	3.000	3
	102:1.2 DL+1.2	6.000	9.389	3.000	1	-10.053	3.000	3
	103:1.2 DL+1.2	6.000	9.999	3.000	1	-9.977	3.000	3
	104:1.2 DL+1.2	6.000	10.415	3.000	1	-10.364	3.000	3
	105:1.2 DL+1.2	6.000	10.880	3.000	1	-10.427	3.000	3
	106:1.5 DL+1.5	6.000	8.802	3.000	1	-9.686	3.000	3
	107:1.5 DL+1.5	6.000	9.565	3.000	1	-9.592	3.000	3
	108:1.5 DL+1.5	6.000	10.085	3.000	1	-10.074	3.000	3
	109:1.5 DL+1.5	6.000	10.666	3.000	1	-10.153	3.000	3
	110:.9 DL+1.5 \	6.000	4.513	3.000	1	-5.443	3.000	3
	111:.9 DL+1.5 \	6.000	5.276	3.000	1	-5.348	3.000	3
	112:.9 DL+1.5 \	6.000	5.796	3.000	1	-5.831	3.000	3
	113:.9 DL+1.5 \	6.000	6.377	3.000	1	-5.910	3.000	3
	201:1 DL+1 LL	6.000	9.104	3.000	1	-8.993	3.000	3
	202:1 DL+0.8 L	6.000	7.689	3.000	1	-8.117	3.000	3
	203:1 DL+0.8 L	6.000	8.096	3.000	1	-8.066	3.000	3
	204:1 DL+0.8 L	6.000	8.373	3.000	1	-8.324	3.000	3
	205:1 DL+0.8 L	6.000	8.683	3.000	1	-8.366	3.000	3
614	1:DL	9.220	4.214	9.220				
	2:LL	9.220	1.968	9.220				
	3:WLX+CPI	9.220	3.720	0.000		-7.679	0.000	
	4:WLZ+CPI	9.220				-18.683	9.220	



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	9.220				-2.038	9.220	
	6:WLZ-CPI	9.220				-39.029	0.000	
	101:1.5 DL+1.5	9.220	9.274	9.220				
	102:1.2 DL+1.2	9.220	10.723	0.000		-3.082	0.000	
	103:1.2 DL+1.2	9.220				-15.474	0.000	
	104:1.2 DL+1.2	9.220	5.629	0.000				
	105:1.2 DL+1.2	9.220				-40.034	0.000	
	106:1.5 DL+1.5	9.220	10.934	0.000		-6.257	0.000	
	107:1.5 DL+1.5	9.220				-22.053	0.000	
	108:1.5 DL+1.5	9.220	4.658	0.000				
	109:1.5 DL+1.5	9.220				-52.732	0.000	
	110:.9 DL+1.5 \	9.220	8.789	0.000		-8.358	0.000	
	111:.9 DL+1.5 \	9.220				-24.391	0.000	
	112:.9 DL+1.5 \	9.220	2.630	0.000				
	113:.9 DL+1.5 \	9.220				-55.057	0.000	
	201:1 DL+1 LL	9.220	6.183	9.220				
	202:1 DL+0.8 L	9.220	7.867	0.000		-1.358	0.000	
	203:1 DL+0.8 L	9.220				-9.536	0.000	
	204:1 DL+0.8 L	9.220	4.463	0.000				
	205:1 DL+0.8 L	9.220				-25.915	0.000	
615	1:DL	9.220	0.964	9.220				
	2:LL	9.220	0.405	9.220				
	3:WLX+CPI	9.220				-21.141	0.000	
	4:WLZ+CPI	9.220	18.558	0.000				
	5:WLX-CPI	9.220				-2.494	9.220	
	6:WLZ-CPI	9.220	54.137	0.000				
	101:1.5 DL+1.5	9.220	2.053	9.220				
	102:1.2 DL+1.2	9.220				-24.400	0.000	
	103:1.2 DL+1.2	9.220	23.032	0.000				
	104:1.2 DL+1.2	9.220				-1.545	0.000	
	105:1.2 DL+1.2	9.220	65.734	0.000				
	106:1.5 DL+1.5	9.220				-30.825	0.000	
	107:1.5 DL+1.5	9.220	28.552	0.000				
	108:1.5 DL+1.5	9.220				-2.350	9.220	
	109:1.5 DL+1.5	9.220	81.926	0.000				
	110:.9 DL+1.5 \	9.220				-31.179	0.000	
	111:.9 DL+1.5 \	9.220	28.266	0.000				
	112:.9 DL+1.5 \	9.220				-2.900	9.220	
	113:.9 DL+1.5 \	9.220	81.638	0.000				
	201:1 DL+1 LL	9.220	1.369	9.220				
	202:1 DL+0.8 L	9.220				-16.150	0.000	
618	203:1 DL+0.8 L	9.220	15.450	0.000				
	204:1 DL+0.8 L	9.220				-0.917	0.000	
	205:1 DL+0.8 L	9.220	43.919	0.000				
	1:DL	9.220	4.073	9.220				
	2:LL	9.220	1.896	9.220				
	3:WLX+CPI	9.220				-2.858	9.220	
	4:WLZ+CPI	9.220				-18.297	9.220	



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	9.220				-1.652	9.220	
	6:WLZ-CPI	9.220				-37.172	9.220	
	101:1.5 DL+1.5	9.220	8.954	9.220				
	102:1.2 DL+1.2	9.220	3.737	9.220				
	103:1.2 DL+1.2	9.220				-15.497	0.000	
	104:1.2 DL+1.2	9.220	5.198	9.220				
	105:1.2 DL+1.2	9.220				-38.213	0.000	
	106:1.5 DL+1.5	9.220	1.968	9.220				
	107:1.5 DL+1.5	9.220				-21.837	0.000	
	108:1.5 DL+1.5	9.220	3.977	0.000				
	109:1.5 DL+1.5	9.220				-50.233	0.000	
	110:.9 DL+1.5 \	9.220	0.129	9.220		-0.622	9.220	
	111:.9 DL+1.5 \	9.220				-23.983	0.000	
	112:.9 DL+1.5 \	9.220	2.059	9.220				
	113:.9 DL+1.5 \	9.220				-52.379	0.000	
	201:1 DL+1 LL	9.220	5.969	9.220				
	202:1 DL+0.8 L	9.220	3.305	9.220				
	203:1 DL+0.8 L	9.220				-9.616	0.000	
	204:1 DL+0.8 L	9.220	4.277	9.220				
	205:1 DL+0.8 L	9.220				-24.760	0.000	
619	1:DL	9.220	4.131	0.000				
	2:LL	9.220	1.925	0.000				
	3:WLX+CPI	9.220				-3.360	0.000	
	4:WLZ+CPI	9.220	14.219	9.220				
	5:WLX-CPI	9.220				-1.702	0.000	
	6:WLZ-CPI	9.220	36.541	0.000				
	101:1.5 DL+1.5	9.220	9.085	0.000				
	102:1.2 DL+1.2	9.220	3.245	0.000				
	103:1.2 DL+1.2	9.220	24.203	0.000				
	104:1.2 DL+1.2	9.220	5.243	0.000				
	105:1.2 DL+1.2	9.220	51.109	0.000				
	106:1.5 DL+1.5	9.220	1.407	0.000				
	107:1.5 DL+1.5	9.220	27.369	0.000				
	108:1.5 DL+1.5	9.220	3.988	9.220				
	109:1.5 DL+1.5	9.220	61.001	0.000				
	110:.9 DL+1.5 \	9.220				-1.326	0.000	
	111:.9 DL+1.5 \	9.220	24.893	0.000				
	112:.9 DL+1.5 \	9.220	2.038	0.000				
	113:.9 DL+1.5 \	9.220	58.525	0.000				
	201:1 DL+1 LL	9.220	6.057	0.000				
	202:1 DL+0.8 L	9.220	2.988	0.000				
622	203:1 DL+0.8 L	9.220	16.961	0.000				
	204:1 DL+0.8 L	9.220	4.318	0.000				
	205:1 DL+0.8 L	9.220	34.898	0.000				
	1:DL	9.220	0.964	0.000				
	2:LL	9.220	0.405	0.000				
	3:WLX+CPI	9.220				-21.141	9.220	
	4:WLZ+CPI	9.220				-25.513	9.220	



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	9.220				-2.494	0.000	
	6:WLZ-CPI	9.220				-48.192	9.220	
	101:1.5 DL+1.5	9.220	2.053	0.000				
	102:1.2 DL+1.2	9.220				-24.400	9.220	
	103:1.2 DL+1.2	9.220				-29.843	9.220	
	104:1.2 DL+1.2	9.220				-1.545	9.220	
	105:1.2 DL+1.2	9.220				-57.067	9.220	
	106:1.5 DL+1.5	9.220				-30.825	9.220	
	107:1.5 DL+1.5	9.220				-37.546	9.220	
	108:1.5 DL+1.5	9.220				-2.350	0.000	
	109:1.5 DL+1.5	9.220				-71.572	9.220	
	110:.9 DL+1.5 \	9.220				-31.179	9.220	
	111:.9 DL+1.5 \	9.220				-37.835	9.220	
	112:.9 DL+1.5 \	9.220				-2.900	0.000	
	113:.9 DL+1.5 \	9.220				-71.859	9.220	
	201:1 DL+1 LL	9.220	1.369	0.000				
	202:1 DL+0.8 L	9.220				-16.150	9.220	
	203:1 DL+0.8 L	9.220				-19.799	9.220	
	204:1 DL+0.8 L	9.220				-0.917	9.220	
	205:1 DL+0.8 L	9.220				-37.949	9.220	
623	1:DL	9.220	4.214	0.000				
	2:LL	9.220	1.968	0.000				
	3:WLX+CPI	9.220	3.720	9.220		-7.679	9.220	
	4:WLZ+CPI	9.220	15.057	9.220				
	5:WLX-CPI	9.220				-2.038	0.000	
	6:WLZ-CPI	9.220	37.019	9.220				
	101:1.5 DL+1.5	9.220	9.274	0.000				
	102:1.2 DL+1.2	9.220	10.723	9.220		-3.082	9.220	
	103:1.2 DL+1.2	9.220	24.860	9.220				
	104:1.2 DL+1.2	9.220	5.629	9.220				
	105:1.2 DL+1.2	9.220	51.255	9.220				
	106:1.5 DL+1.5	9.220	10.934	9.220		-6.257	9.220	
	107:1.5 DL+1.5	9.220	28.387	9.220				
	108:1.5 DL+1.5	9.220	4.658	9.220				
	109:1.5 DL+1.5	9.220	61.364	9.220				
	110:.9 DL+1.5 \	9.220	8.789	9.220		-8.358	9.220	
	111:.9 DL+1.5 \	9.220	26.066	9.220				
	112:.9 DL+1.5 \	9.220	2.630	9.220				
	113:.9 DL+1.5 \	9.220	59.030	9.220				
	201:1 DL+1 LL	9.220	6.183	0.000				
	202:1 DL+0.8 L	9.220	7.867	9.220		-1.358	9.220	
	203:1 DL+0.8 L	9.220	17.347	9.220				
	204:1 DL+0.8 L	9.220	4.463	9.220				
	205:1 DL+0.8 L	9.220	34.985	0.000				
626	1:DL	9.220	4.131	9.220				
	2:LL	9.220	1.925	9.220				
	3:WLX+CPI	9.220				-3.360	9.220	
	4:WLZ+CPI	9.220				-18.612	9.220	



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Beam Combined Axial and Bending Stresses Summary Cont...

Beam	L/C	Length (m)	Max Comp			Max Tens		
			Stress (N/mm ²)	d (m)	Corner	Stress (N/mm ²)	d (m)	Corner
	5:WLX-CPI	9.220				-1.702	9.220	
	6:WLZ-CPI	9.220				-37.261	9.220	
	101:1.5 DL+1.5	9.220	9.085	9.220				
	102:1.2 DL+1.2	9.220	3.245	9.220				
	103:1.2 DL+1.2	9.220				-15.763	0.000	
	104:1.2 DL+1.2	9.220	5.243	9.220				
	105:1.2 DL+1.2	9.220				-38.206	0.000	
	106:1.5 DL+1.5	9.220	1.407	9.220				
	107:1.5 DL+1.5	9.220				-22.213	0.000	
	108:1.5 DL+1.5	9.220	3.988	0.000				
	109:1.5 DL+1.5	9.220				-50.266	0.000	
	110:.9 DL+1.5 \	9.220				-1.326	9.220	
	111:.9 DL+1.5 \	9.220				-24.393	0.000	
	112:.9 DL+1.5 \	9.220	2.038	9.220				
	113:.9 DL+1.5 \	9.220				-52.447	0.000	
	201:1 DL+1 LL	9.220	6.057	9.220				
	202:1 DL+0.8 L	9.220	2.988	9.220				
	203:1 DL+0.8 L	9.220				-9.782	0.000	
	204:1 DL+0.8 L	9.220	4.318	9.220				
	205:1 DL+0.8 L	9.220				-24.744	0.000	
627	1:DL	9.220	4.073	0.000				
	2:LL	9.220	1.896	0.000				
	3:WLX+CPI	9.220				-2.858	0.000	
	4:WLZ+CPI	9.220	14.530	9.220				
	5:WLX-CPI	9.220				-1.652	0.000	
	6:WLZ-CPI	9.220	36.621	0.000				
	101:1.5 DL+1.5	9.220	8.954	0.000				
	102:1.2 DL+1.2	9.220	3.737	0.000				
	103:1.2 DL+1.2	9.220	24.477	0.000				
	104:1.2 DL+1.2	9.220	5.198	0.000				
	105:1.2 DL+1.2	9.220	51.101	0.000				
	106:1.5 DL+1.5	9.220	1.968	0.000				
	107:1.5 DL+1.5	9.220	27.755	0.000				
	108:1.5 DL+1.5	9.220	3.977	9.220				
	109:1.5 DL+1.5	9.220	61.034	0.000				
	110:.9 DL+1.5 \	9.220	0.129	0.000		-0.622	0.000	
	111:.9 DL+1.5 \	9.220	25.314	0.000				
	112:.9 DL+1.5 \	9.220	2.059	0.000				
	113:.9 DL+1.5 \	9.220	58.593	0.000				
	201:1 DL+1 LL	9.220	5.969	0.000				
	202:1 DL+0.8 L	9.220	3.305	0.000				
	203:1 DL+0.8 L	9.220	17.132	0.000				
	204:1 DL+0.8 L	9.220	4.277	0.000				
	205:1 DL+0.8 L	9.220	34.881	0.000				

Reaction Summary*There is no data of this type - Analysis results are not available*



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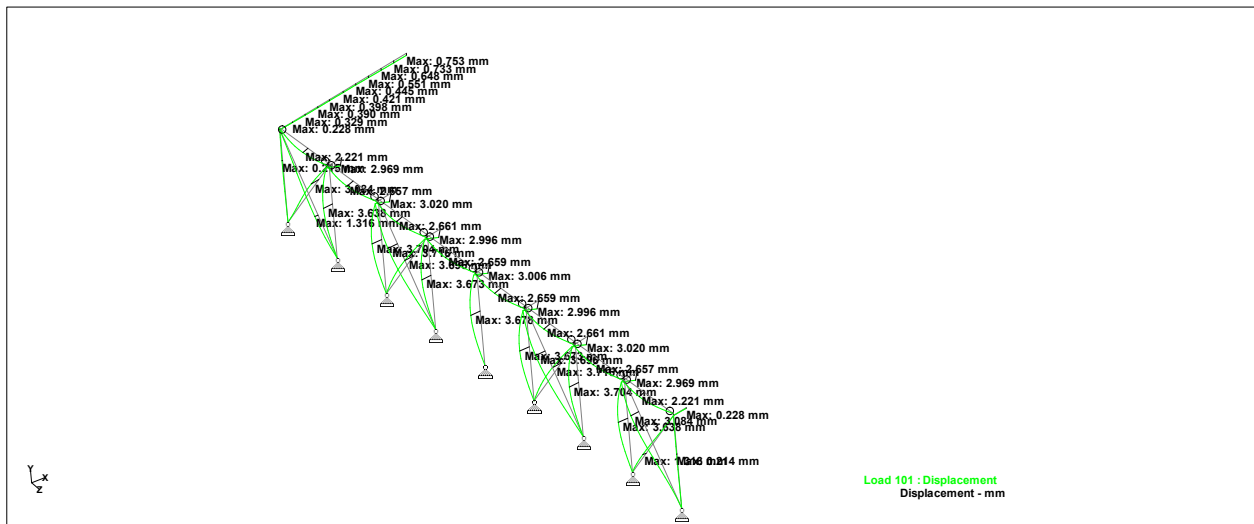
Client CADD INTERNATIONAL

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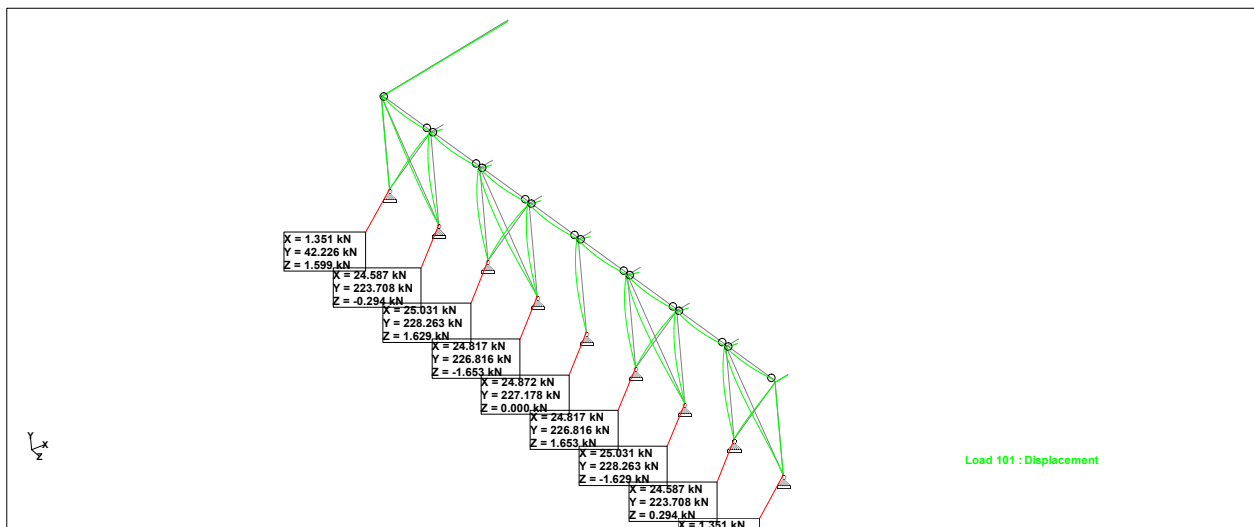
Date/Time 30-Mar-2024 11:34

Failed Members

There is no data of this type.



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<Untitled 1> Displacements 9mm:1m 101 1.5 DL+1.5 LL (Input data was modified after picture taken)