Load curves

(ft)			72	89	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	220	230	236	246	ft
	13.2 USt	6.6 USt																						
246	10.2 → 73.6	130.7 - 142	13.2	10.6	9.4	8.7	7.8	7.3	6.6	6.6	6.3	6	5.6	5.3	5	4.8	4.4	4.2	4	3.8	3.5	3.4	3.2	USt
	10.2 → 75.4	134 - 145.5	13.2	10.9	9.7	8.9	8	7.5	6.8	6.6	6.5	6.2	5.7	5.5	5.1	4.9	4.6	4.4	4.2	4	3.8	3.7	3.5	USt P+
230	10.2 → 78.8	140.1 - 151.7	13.2	11.5	10.2	9.4	8.4	7.9	7.2	6.8	6.6	6.5	6	5.7	5.3	5.1	4.8	4.5	4.3	4.1	3.8	USt		
	10.2 → 83.9	149.3 - 161.7	13.2	12.4	10.9	10.1	9.1	8.5	7.8	7.3	6.7	6.6	6.5	6.2	5.8	5.6	5.3	5.1	4.8	4.6	4.4	USt P+		
213	10.2 → 83.2	149.3 - 161.3	13.2	12.3	10.9	10.1	9.1	8.5	7.7	7.3	6.7	6.6	6.5	6.2	5.7	5.5	5.1	4.9	4.6	USt				
	10.2 → 88	157.9 - 170.6	13.2	13.1	11.6	10.8	9.7	9.1	8.3	7.8	7.2	6.8	6.6	6.6	6.2	5.9	5.6	5.3	5	USt P+				
197	10.2 → 87.9	158.6 - 170.8	13.2	13.1	11.6	10.8	9.7	9.1	8.3	7.8	7.2	6.8	6.6	6.6	6.2	6	5.6	USt						
	10.2 → 92.3	166.6 - 180.4	13.2	13.2	12.3	11.4	10.3	9.7	8.8	8.3	7.7	7.3	6.7	6.6	6.6	6.3	6	USt P+						
180	10.2 → 90.1	162.6 - 175.2	13.2	13.2	12	11.1	10	9.4	8.6	8.1	7.4	7.1	6.6	6.6	6.4	USt								
	10.2 → 95.5	172.4 - 180.4	13.2	13.2	12.8	11.9	10.7	10	9.2	8.7	8	7.6	7	6.7	6.6	USt P+								
164	10.2 → 94.3		13.2	13.2	12.6	11.7	10.6	9.9	9.1	8.6	7.9	7.5	7	USt										
	10.2 → 98.7		13.2	13.2	13.2	12.3	11.1	10.4	9.5	9	8.3	7.9	7.3	USt P+										
148	10.2 → 96.6		13.2	13.2	13	12	10.9	10.2	9.3	8.8	8.1	USt												
	10.2 → 101		13.2	13.2	13.2	12.7	11.4	10.7	9.8	9.3	8.5	USt P+												
131	10.2 → 97.6		13.2	13.2	13.1	12.2	11	10.3	9.4	USt														
	10.2 → 102.5		13.2	13.2	13.2	12.9	11.6	10.9	10	USt P+														
115	10.2 → 97.2		13.2	13.2	13	12.1	11	USt																
	10.2 → 101.6		13.2	13.2	13.2	12.7	11.5	USt P+																
98	10.2 → 98		13.2	13.2	13.2	USt																		
	10.2 → 98		13.2	13.2	13.2	USt P+																		

= - 0.67 USt max.

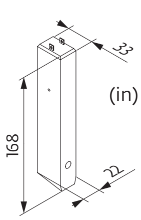
(ft)			72	89	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	220	230	236	246	ft
	13.2 USt	6.6 USt																						
246	7.9 → 73.9	131.8 - 134.7	13.2	10.7	9.4	8.7	7.8	7.3	6.6	6.4	5.9	5.6	5.2	4.9	4.6	4.3	4	3.8	3.5	3.4	3.1	2.95	2.75	USt
	7.9 → 75.7	135.1 - 138.1	13.2	11	9.7	9	8.1	7.6	6.9	6.6	6.1	5.8	5.3	5.1	4.7	4.5	4.2	4	3.8	3.6	3.4	3.3	3.1	USt P+
230	7.9 → 78.8	141 - 144.4	13.2	11.6	10.2	9.5	8.5	8	7.2	6.8	6.4	6.1	5.6	5.4	4.9	4.7	4.4	4.2	3.9	3.7	3.4	USt		
	7.9 → 83.9	150.3 - 154.2	13.2	12.4	11	10.2	9.2	8.6	7.8	7.4	6.8	6.6	6.1	5.8	5.4	5.2	4.9	4.7	4.4	4.2	4	USt P+		
213	7.9 → 83.6	150.4 - 154.2	13.2	12.4	11	10.2	9.2	8.6	7.8	7.4	6.8	6.6	6.1	5.8	5.4	5.1	4.7	4.5	4.2	USt				
	7.9 → 88.6	159.1 - 162.8	13.2	13.2	11.7	10.8	9.8	9.2	8.3	7.9	7.2	6.9	6.6	6.3	5.8	5.6	5.2	5	4.6	USt P+				
197	7.9 → 88.6	159.9 - 164	13.2	13.2	11.7	10.9	9.8	9.2	8.4	7.9	7.3	6.9	6.6	6.3	5.9	5.6	5.3	USt						
	7.9 → 92.7	168 - 171.9	13.2	13.2	12.4	11.5	10.4	9.7	8.9	8.4	7.7	7.3	6.8	6.6	6.2	6	5.6	USt P+						
180	7.9 → 90.5	163.9 - 167.8	13.2	13.2	12	11.2	10.1	9.5	8.6	8.1	7.5	7.1	6.6	6.5	6.1	USt								
	7.9 → 95.9	173.8 - 177.9	13.2	13.2	12.8	11.9	10.8	10.1	9.2	8.7	8	7.6	7.1	6.8	6.5	USt P+								
164	7.9 → 94.7		13.2	13.2	12.7	11.8	10.7	10	9.2	8.7	8	7.6	7.1	USt										
	7.9 → 99.2		13.2	13.2	13.2	12.4	11.2	10.5	9.6	9.1	8.4	7.9	7.4	USt P+										
148	7.9 → 97		13.2	13.2	13	12.1	10.9	10.2	9.4	8.8	8.2	USt												
	7.9 → 101.7		13.2	13.2	13.2	12.7	11.5	10.8	9.9	9.3	8.6	USt P+												
131	7.9 → 98.4		13.2	13.2	13.2	12.2	11.1	10.4	9.5	USt														
	7.9 → 102.9		13.2	13.2	13.2	12.9	11.7	11	10	USt P+														
115	7.9 → 97.7		13.2	13.2	13.1	12.2	11	USt																
	7.9 → 102.1		13.2	13.2	13.2	12.8	11.6	USt P+																
98	7.9 → 98.4		13.2	13.2	13.2	USt																		
	7.9 → 98.4		13.2	13.2	13.2	USt P+																		

= - 0.19 USt max.

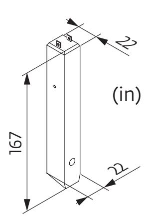
Jib weight & counter-jib ballast

	(lb) (+/- 5%)								
				10,141 lb	3,373 lb	(lb)	6,768 lb	3,373 lb	(lb)
246 ft	39,840	38,964	39,996	5	2	57,452	8	1	57,519
230 ft	39,253	38,411	39,388	5	2	57,452	8	1	57,519
213 ft	38,402	37,626	38,603	5	2	57,452	8	1	57,519
197 ft	36,363	35,653	36,520	5	1	54,079	8	0	54,146
180 ft	36,387	35,677	36,544	5	1	54,079	8	0	54,146
164 ft	34,595	33,885	34,751	5	2	57,452	8	1	57,519
148 ft	34,013	33,303	34,169	5	2	57,452	8	1	57,519
131 ft	32,221	31,511	32,377	5	0	50,706	7	1	50,750
115 ft	31,052	30,342	31,209	4	2	47,311	7	0	47,377
98 ft	29,205	28,495	29,361	4	1	43,938	6	1	43,982

CBS - 10,141 lb



CBU - 6,768 lb



CBY - 3,373 lb