Load curves

(ft)			49	56	66	72	82	89	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	ft
	13.2 USt	6.6 USt																						
213	10 → 53	94 - 102	13.2	12.4	10.2	9.1	7.8	7.1	6.6	6.4	5.7	5.4	4.9	4.6	4.3	4	3.7	3.6	3.3	3.2	3	2.85	2.7	USt
	10 → 54	97 - 105	13.2	12.7	10.6	9.4	8.1	7.4	6.6	6.6	6	5.6	5.1	4.9	4.5	4.3	4	3.8	3.5	3.4	3.2	3	2.85	USt P+
197	10 → 56	101 - 108	13.2	13.2	11.1	9.9	8.5	7.8	6.8	6.6	6.2	5.8	5.3	5	4.6	4.4	4.1	3.9	3.6	3.5	3.3	USt		
	10 → 58	105 - 113	13.2	13.2	11.5	10.3	8.9	8.1	7.2	6.6	6.5	6.1	5.6	5.3	4.9	4.7	4.3	4.1	3.9	3.7	3.5	USt P+		
180	10 → 56	101 - 109	13.2	13.2	11.1	9.9	8.5	7.8	6.9	6.6	6.2	5.8	5.3	5	4.6	4.4	4.1	3.9	3.6	USt				
	10 → 58	106 - 115	13.2	13.2	11.6	10.4	9	8.2	7.2	6.7	6.6	6.2	5.6	5.3	4.9	4.7	4.4	4.2	3.9	USt P+				
164	10 → 59	106 - 113	13.2	13.2	11.7	10.4	9	8.2	7.2	6.7	6.5	6.1	5.6	5.3	4.9	4.6	4.3	USt						
	10 → 61	111 - 120	13.2	13.2	12.2	11	9.5	8.7	7.7	7.1	6.6	6.5	6	5.6	5.2	5	4.6	USt P+						
148	10 → 61	109 - 118	13.2	13.2	12.1	10.8	9.3	8.5	7.5	6.9	6.6	6.4	5.8	5.5	5.1	USt								
	10 → 64	116 - 125	13.2	13.2	12.8	11.4	9.9	9.1	8	7.4	6.7	6.6	6.2	5.9	5.4	USt P+								
131	10 → 62	111 - 120	13.2	13.2	12.4	11.1	9.6	8.7	7.7	7.1	6.6	6.5	6	USt										
	10 → 65	118 - 128	13.2	13.2	13.1	11.8	10.2	9.3	8.2	7.6	6.9	6.6	6.4	USt P+										
115	10 → 60	107 - 115	13.2	13.2	11.8	10.6	9.1	8.3	7.3	6.8	6.6	USt												
	10 → 63	114 - 115	13.2	13.2	12.6	11.3	9.7	8.9	7.9	7.3	6.6	USt P+												
98	10 → 61		13.2	13.2	12.2	10.9	9.4	8.6	7.5	USt														
	10 → 64		13.2	13.2	13	11.6	10.1	9.2	8.1	USt P+														
82	10 → 63		13.2	13.2	12.6	11.3	9.7	USt																
	10 → 67		13.2	13.2	13.2	12.2	10.5	USt P+																

= - 0.63 USt max.

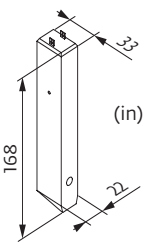
(ft)			49	56	66	72	82	89	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	ft
	13.2 USt	6.6 USt																						
213	8 → 53	95 - 97	13.2	12.5	10.3	9.2	7.9	7.2	6.5	6	5.4	5	4.5	4.3	3.9	3.7	3.4	3.2	2.95	2.8	2.6	2.5	2.3	USt
	8 → 54	98 - 100	13.2	12.8	10.6	9.5	8.2	7.5	6.6	6.3	5.6	5.3	4.8	4.5	4.1	3.9	3.6	3.4	3.2	3	2.8	2.7	2.5	USt P+
197	8 → 57	102 - 104	13.2	13.2	11.1	10	8.6	7.8	6.9	6.5	5.9	5.5	5	4.7	4.3	4.1	3.7	3.5	3.3	3.1	2.9	USt		
	8 → 58	106 - 108	13.2	13.2	11.6	10.4	9	8.2	7.2	6.7	6.2	5.8	5.3	5	4.6	4.3	4	3.8	3.5	3.4	3.2	USt P+		
180	8 → 57	102 - 104	13.2	13.2	11.2	10	8.6	7.9	6.9	6.6	5.9	5.5	5	4.7	4.3	4.1	3.8	3.6	3.3	USt				
	8 → 59	107 - 109	13.2	13.2	11.7	10.5	9	8.3	7.3	6.8	6.2	5.8	5.3	5	4.6	4.4	4	3.8	3.6	USt P+				
164	8 → 59	106 - 109	13.2	13.2	11.7	10.5	9	8.3	7.3	6.7	6.2	5.8	5.3	5	4.5	4.3	4	USt						
	8 → 61	112 - 115	13.2	13.2	12.3	11	9.5	8.7	7.7	7.2	6.6	6.2	5.6	5.3	4.9	4.6	4.3	USt P+						
148	8 → 61	110 - 112	13.2	13.2	12.2	10.9	9.4	8.6	7.6	7	6.4	6	5.5	5.2	4.7	USt								
	8 → 64	117 - 119	13.2	13.2	12.8	11.5	10	9.1	8.1	7.5	6.7	6.5	5.9	5.6	5.1	USt P+								
131	8 → 62	112 - 115	13.2	13.2	12.5	11.2	9.6	8.8	7.8	7.2	6.6	6.2	5.6	USt										
	8 → 65	119 - 122	13.2	13.2	13.2	11.8	10.2	9.4	8.3	7.7	6.9	6.6	6.1	USt P+										
115	8 → 60	108 - 110	13.2	13.2	11.9	10.6	9.2	8.4	7.4	6.8	6.3	USt												
	8 → 63		13.2	13.2	12.6	11.3	9.8	9	7.9	7.4	6.6	USt P+												
98	8 → 61		13.2	13.2	12.2	11	9.4	8.6	7.6	USt														
	8 → 65		13.2	13.2	13	11.7	10.1	9.3	8.2	USt P+														
82	8 → 63		13.2	13.2	12.7	11.4	9.8	USt																
	8 → 67		13.2	13.2	13.2	12.2	10.6	USt P+																

= - 0.18 USt max.

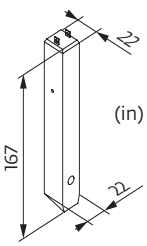
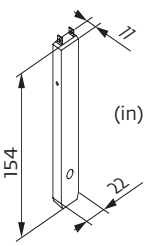
Jib weight & counter-jib ballast

	(lb) (+/- 5%)									
				10,141 lb	3,373 lb	(lb)	6,768 lb	3,373 lb	(lb)	
213 ft	27,761	26,985	27,961	5	1	54,079	7	2	54,123	
197 ft	27,090	26,381	27,247	5	1	54,079	7	2	54,123	
180 ft	26,420	25,710	26,577	5	0	50,706	7	1	50,750	
164 ft	24,562	23,852	24,718	4	2	47,311	6	2	47,355	
148 ft	24,877	24,167	25,033	4	2	47,311	6	2	47,355	
131 ft	23,089	22,379	23,246	4	1	43,938	6	1	43,982	
115 ft	22,824	22,115	22,981	4	0	40,565	5	2	40,587	
98 ft	20,723	20,014	20,880	3	2	37,170	5	1	37,214	
82 ft	19,557	18,847	19,714	3	1	33,797	4	2	33,819	

CBS - 10,141 lb



CBU - 6,768 lb



CBY - 3,373 lb