Load curves

(ft)			66	72	82	89	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	ft
	11 USt	5.5 USt																				
213	10 → 69	123 - 133	11	10.4	9	8.2	7.2	6.7	6	5.6	5.5	5.3	4.9	4.6	4.3	4.1	3.9	3.7	3.5	3.3	3.2	USt
	10 → 75	133 - 144	11	11	9.9	9	8	7.4	6.6	6.2	5.6	5.5	5.3	5.1	4.7	4.5	4.2	4	3.8	3.6	3.4	USt P+
197	10 → 73	130 - 141	11	11	9.6	8.8	7.7	7.2	6.4	6	5.5	5.5	5.2	5	4.6	4.4	4.1	4	3.7	USt		
	10 → 79	141 - 152	11	11	10.6	9.7	8.5	7.9	7.1	6.6	6	5.7	5.5	5.4	5.1	4.8	4.5	4.3	4.1	USt P+		
180	10 → 74	134 - 144	11	11	9.8	9	8	7.4	6.6	6.2	5.6	5.5	5.3	5.1	4.7	4.5	4.2	USt				
	10 → 81	145 - 155	11	11	10.5	9.9	8.8	8.1	7.3	6.8	6.2	5.9	5.5	5.5	5.2	4.9	4.6	USt P+				
164	10 → 74	134 - 144	11	11	9.9	9	8	7.4	6.7	6.2	5.7	5.5	5.4	5.1	4.7	USt						
	10 → 81	145 - 156	11	11	10.9	9.9	8.8	8.2	7.3	6.9	6.2	5.9	5.5	5.5	5.2	USt P+						
148	10 → 76	137 - 148	11	11	10.1	9.2	8.2	7.6	6.8	6.4	5.8	5.5	5.5	USt								
	10 → 82		11	11	11	10.2	9	8.3	7.5	7	6.4	6	5.5	USt P+								
131	10 → 79		11	11	10.5	9.6	8.5	7.9	7.1	6.7	6.1	USt										
	10 → 85		11	11	11	10.6	9.4	8.7	7.8	7.3	6.7	USt P+										
115	10 → 76		11	11	10.1	9.2	8.2	7.6	6.8	USt												
	10 → 82		11	11	11	10.2	9	8.3	7.5	USt P+												
98	10 → 78		11	11	10.3	9.5	8.4	USt														
	10 → 84		11	11	11	10.4	9.2	USt P+														
82	10 → 78		11	11	10.4	USt																
	10 → 82		11	11	10.9	USt P+																

= - 0.53 USt max.

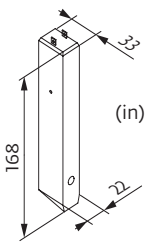
(ft)			66	72	82	89	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	ft
	11 USt	5.5 USt																				
213	8 → 69	124 - 127	11	10.5	9.1	8.3	7.3	6.8	6.1	5.7	5.3	5	4.6	4.3	4	3.8	3.5	3.4	3.2	3	2.85	USt
	8 → 75	134 - 137	11	11	10	9.1	8	7.4	6.7	6.2	5.7	5.3	5	4.8	4.4	4.2	3.9	3.7	3.5	3.3	3.1	USt P+
197	8 → 73	132 - 135	11	11	9.7	8.8	7.8	7.2	6.5	6.1	5.5	5.3	4.9	4.7	4.3	4.1	3.8	3.6	3.4	USt		
	8 → 79	142 - 145	11	11	10.6	9.7	8.6	8	7.2	6.7	6.1	5.7	5.3	5.1	4.7	4.5	4.2	4	3.8	USt P+		
180	8 → 75	135 - 138	11	11	9.9	9.1	8	7.5	6.7	6.3	5.7	5.5	5.1	4.8	4.5	4.3	4	USt				
	8 → 81	146 - 149	11	11	10.6	10	8.8	8.2	7.4	6.9	6.3	5.9	5.5	5.2	4.9	4.7	4.4	USt P+				
164	8 → 75	136 - 138	11	11	9.9	9.1	8.1	7.5	6.7	6.3	5.7	5.5	5.1	4.8	4.5	USt						
	8 → 81	147 - 150	11	11	10.9	10	8.9	8.2	7.4	6.9	6.3	6	5.5	5.2	4.9	USt P+						
148	8 → 76	139 - 141	11	11	10.2	9.3	8.3	7.7	6.9	6.5	5.9	5.5	5.2	USt								
	8 → 83		11	11	11	10.3	9.1	8.4	7.6	7.1	6.5	6.1	5.6	USt P+								
131	8 → 79		11	11	10.6	9.7	8.6	8	7.2	6.7	6.1	USt										
	8 → 86		11	11	11	10.7	9.5	8.8	7.9	7.4	6.7	USt P+										
115	8 → 76		11	11	10.2	9.3	8.2	7.6	6.9	USt												
	8 → 83		11	11	11	10.2	9.1	8.4	7.6	USt P+												
98	8 → 78		11	11	10.4	9.5	8.5	USt														
	8 → 85		11	11	11	10.5	9.3	USt P+														
82	8 → 79		11	11	10.5	USt																
	8 → 82		11	11	11	USt P+																

= - 0.15 USt max.

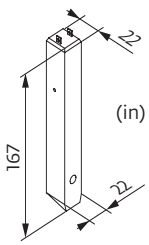
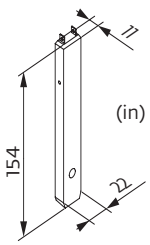
Jib weight & counter-jib ballast

	(lb) (+/- 5%)								
				10,141 lb	3,373 lb	(lb)	6,768 lb	3,373 lb	(lb)
213 ft	27,472	26,863	27,672	5	1	54,079	7	2	54,123
197 ft	26,978	26,369	27,179	5	1	54,079	7	2	54,123
180 ft	26,131	25,589	26,288	5	0	50,706	7	1	50,750
164 ft	24,273	23,731	24,429	4	1	43,938	6	1	43,982
148 ft	24,588	24,046	24,745	4	1	43,938	6	1	43,982
131 ft	22,800	22,258	22,957	4	0	40,565	6	0	40,609
115 ft	22,536	21,993	22,692	3	2	37,170	5	1	37,214
98 ft	20,435	19,892	20,591	3	1	33,797	5	0	33,841
82 ft	19,268	18,726	19,425	3	0	30,424	4	1	30,446

CBS - 10,141 lb



CBU - 6,768 lb



CBY - 3,373 lb