Load curves

(ft)	56	66	82	89	98	105	115	121	131	138	148	154	164	180	187	197	213	220	230	236	246	ft
17.6 USt / 8.8 USt																						
246 10.8 → 56.8 / 101.7 - 110.1	17.6	14.9	11.4	10.4	9.2	8.8	8.4	7.8	7.1	6.7	6.2	5.8	5.4	4.8	4.6	4.3	3.8	3.6	3.3	3.1	2.9	USt
10.8 → 58.5 / 104 - 112.6	17.6	15.4	11.8	10.8	9.4	8.8	8.6	8.1	7.4	7	6.4	6.1	5.6	5	4.8	4.5	4	3.9	3.7	3.5	3.3	USt P+
230 10.8 → 60.6 / 108.1 - 117.2	17.6	16.1	12.3	11.2	9.9	9.1	8.8	8.4	7.7	7.2	6.7	6.3	5.8	5.1	4.8	4.5	4	3.9	3.8			USt
10.8 → 62.1 / 110.6 - 119.5	17.6	16.5	12.7	11.6	10.2	9.4	8.8	8.7	7.9	7.5	6.9	6.5	6.1	5.4	5.2	4.8	4.4	4.2	4			USt P+
213 10.8 → 63.5 / 114.1 - 123	17.6	17	13.2	12	10.6	9.8	8.8	8.8	8.2	7.7	7	6.7	6.2	5.5	5.2	4.9	4.4					USt
10.8 → 65.4 / 117 - 126.2	17.6	17.5	13.5	12.4	10.9	10.1	9	8.8	8.4	8	7.4	7	6.5	5.8	5.5	5.2	4.7					USt P+
197 10.8 → 66.7 / 118.6 - 128	17.6	17.6	13.9	12.6	11.1	10.2	9.2	8.8	8.5	8	7.3	6.9	6.5	5.8	5.6	5.3						USt
10.8 → 68.7 / 123.4 - 132.8	17.6	17.6	14.4	13.1	11.6	10.7	9.6	9	8.8	8.5	7.8	7.4	6.9	6.2	5.9	5.6						USt P+
180 10.8 → 69.1 / 124.3 - 133.8	17.6	17.6	14.5	13.2	11.7	10.8	9.7	9.1	8.8	8.5	7.9	7.5	7	6.2								USt
10.8 → 71.1 / 127.9 - 137.8	17.6	17.6	15	13.7	12.1	11.2	10.1	9.4	8.8	8.8	8.1	7.7	7.2	6.4								USt P+
164 10.8 → 71.6 / 128.4 - 136.3	17.6	17.6	15.1	13.7	12.1	11.2	10.1	9.5	8.8	8.8	8.1	7.7	7.2									USt
10.8 → 73 / 131.4 - 141.5	17.6	17.6	15.4	14.1	12.5	11.6	10.4	9.7	8.8	8.8	8.4	8	7.4									USt P+
148 10.8 → 73.6 / 133.5 - 143.1	17.6	17.6	15.6	14.2	12.6	11.7	10.5	9.9	9	8.8	8.4											USt
10.8 → 75.7 / 136.4 - 147.6	17.6	17.6	16.1	14.7	13	12.1	10.9	10.2	9.2	8.8	8.8											USt P+
131 10.8 → 73.6	17.6	17.6	15.6	14.1	12.4	11.5	10.4	9.8	8.9													USt
10.8 → 76.3	17.6	17.6	16.2	14.9	13.1	12.2	11	10.2	9.3													USt P+
115 10.8 → 72.9	17.6	17.6	15.5	14.2	12.6	11.7	10.5															USt
10.8 → 75.8	17.6	17.6	16.1	14.8	13.1	12.2	11															USt P+
98 10.8 → 73.9	17.6	17.6	15.3	14.1	12.7																	USt
10.8 → 76.7	17.6	17.6	16.3	15	13.3																	USt P+

= - 0.85 USt max.

(ft)	56	66	82	89	98	105	115	121	131	138	148	154	164	180	187	197	213	220	230	236	246	ft
17.6 USt / 8.8 USt																						
246 8.2 → 57.3 / 103.2 - 105.3	17.6	15.1	11.6	10.6	9.3	8.8	7.9	7.4	6.7	6.3	5.7	5.4	4.9	4.3	4.1	3.8	3.3	3.1	2.85	2.65	2.45	USt
8.2 → 59.1 / 105.4 - 107.7	17.6	15.6	12	10.9	9.6	8.9	8.2	7.6	6.9	6.5	5.9	5.6	5.2	4.5	4.3	4	3.6	3.4	3.2	3.1	2.85	USt P+
230 8.2 → 61 / 109.6 - 112.2	17.6	16.2	12.5	11.4	10	9.3	8.6	8	7.2	6.8	6.2	5.8	5.3	4.6	4.4	4	3.6	3.5	3.3			USt
8.2 → 62.5 / 112 - 114.8	17.6	16.7	12.8	11.7	10.3	9.6	8.8	8.2	7.5	7	6.4	6.1	5.6	4.9	4.7	4.4	3.9	3.8	3.5			USt P+
213 8.2 → 64 / 115.7 - 118.1	17.6	17.2	13.3	12.1	10.7	9.9	8.9	8.5	7.7	7.3	6.6	6.2	5.7	5	4.8	4.5	4					USt
8.2 → 65.8 / 118.6 - 121.4	17.6	17.6	13.7	12.5	11	10.2	9.2	8.8	8	7.5	6.9	6.6	6.1	5.4	5.1	4.8	4.3					USt P+
197 8.2 → 67.3 / 120.2 - 122.7	17.6	17.6	14	12.8	11.2	10.4	9.3	8.8	8.1	7.6	6.9	6.5	6.1	5.5	5.2	5						USt
8.2 → 69.2 / 125.2 - 128	17.6	17.6	14.5	13.3	11.7	10.9	9.8	9.2	8.6	8.1	7.4	7	6.5	5.8	5.5	5.2						USt P+
180 8.2 → 69.7 / 126 - 128.8	17.6	17.6	14.6	13.4	11.8	11	9.9	9.2	8.6	8.1	7.5	7.1	6.6	5.8								USt
8.2 → 71.7 / 129.8 - 132.6	17.6	17.6	15.1	13.8	12.2	11.4	10.2	9.6	8.8	8.8	7.8	7.4	6.8	6.1								USt P+
164 8.2 → 72.2 / 129.9 - 131.2	17.6	17.6	15.2	13.9	12.3	11.4	10.3	9.6	8.8	8.4	7.7	7.3	6.8									USt
8.2 → 73.6 / 133.3 - 136.3	17.6	17.6	15.6	14.3	12.6	11.7	10.5	9.9	9	8.7	8	7.6	7.1									USt P+
148 8.2 → 74.1 / 135.2 - 137.8	17.6	17.6	15.8	14.4	12.7	11.8	10.7	10	9.2	8.8	8											USt
8.2 → 76.3 / 138.3 - 141.4	17.6	17.6	16.3	14.9	13.2	12.2	11	10.3	9.4	8.9	8.4											USt P+
131 8.2 → 74.1	17.6	17.6	15.7	14.3	12.6	11.7	10.6	9.9	9													USt
8.2 → 76.9	17.6	17.6	16.4	15	13.3	12.3	11.1	10.4	9.5													USt P+
115 8.2 → 73.5	17.6	17.6	15.6	14.3	12.7	11.8	10.7															USt
8.2 → 76.4	17.6	17.6	16.3	15	13.3	12.3	11.1															USt P+
98 8.2 → 74.5	17.6	17.6	15.5	14.3	12.9																	USt
8.2 → 77.3	17.6	17.6	16.5	15.1	13.4																	USt P+

= - 0.25 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	40,347	39,256	40,677	5	2	57,452	8	1	57,519
230 ft	39,760	38,702	40,069	5	2	57,452	8	1	57,519
213 ft	38,909	37,917	39,284	5	2	57,452	8	1	57,519
197 ft	36,870	35,944	37,201	5	1	54,079	8	0	54,146
180 ft	36,894	35,968	37,225	5	1	54,079	8	0	54,146
164 ft	35,102	34,176	35,433	5	2	57,452	8	1	57,519
148 ft	34,520	33,594	34,851	5	2	57,452	8	1	57,519
131 ft	32,728	31,802	33,058	5	0	50,706	7	1	50,750
115 ft	31,559	30,633	31,890	4	2	47,311	7	0	47,377
98 ft	29,709	28,784	30,040	4	1	43,938	6	1	43,982

CBS - 10,141 lb CBU - 6,768 lb CBY - 3,373 lb

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