

Load curves



(ft)			56	66	82	89	98	115	121	131	148	154	164	180	187	197	213	220	230	236	246	253	262	ft
27.6 USt	13.8 USt																							
262	12 → 68	121 - 133	27.6	27.6	22.2	20.3	17.8	14.7	13.8	13.8	12.2	11.5	10.7	9.6	9.2	8.6	7.8	7.5	7.1	6.8	6.5	6.2	5.9	USt
	12 → 70	126 - 138	27.6	27.6	23	21.1	18.6	15.4	14.4	13.8	12.8	12.2	11.3	10.1	9.7	9.1	8.3	8	7.5	7.3	6.9	6.7	6.4	USt P+
246	12 → 69	123 - 134	27.6	27.6	22.5	20.5	18.1	15	14	13.8	12.3	11.7	10.9	9.7	9.3	8.7	7.9	7.6	7.2	6.9	6.6			USt
	12 → 71	128 - 140	27.6	27.6	23.4	21.4	18.9	15.8	14.7	13.8	13	12.4	11.5	10.3	9.9	9.3	8.4	8.1	7.7	7.5	7.1			USt P+
230	12 → 72	130 - 140	27.6	27.6	23.8	21.8	19.2	16	14.9	13.8	13	12.4	11.5	10.3	9.9	9.3	8.4	8.1	7.7					USt
	12 → 75	136 - 148	27.6	27.6	24.9	22.8	20.2	16.9	15.8	14.4	13.8	13.1	12.2	11	10.5	9.9	9	8.7	8.3					USt P+
213	12 → 73	130 - 141	27.6	27.6	23.9	21.9	19.3	16.1	15	13.8	13.1	12.4	11.6	10.3	9.9	9.3	8.5							USt
	12 → 76	137 - 149	27.6	27.6	25.1	23	20.4	17	15.9	14.5	13.8	13.2	12.3	11.1	10.6	10	9.1							USt P+
197	12 → 76	135 - 147	27.6	27.6	25.1	22.9	20.3	16.9	15.8	14.3	13.7	13	12.1	10.8	10.4	9.8								USt
	12 → 79	143 - 155	27.6	27.6	26.4	24.2	21.4	17.9	16.8	15.3	13.8	13.8	13	11.6	11.2	10.5								USt P+
180	12 → 76	136 - 148	27.6	27.6	25.2	23	20.3	16.9	15.8	14.4	13.7	13.1	12.2	10.9										USt
	12 → 79	144 - 156	27.6	27.6	26.6	24.3	21.6	18	16.9	15.4	13.8	13.8	13.1	11.7										USt P+
164	12 → 76	136 - 148	27.6	27.6	25.2	23.1	20.4	17	15.9	14.4	13.8	13.1	12.2											USt
	12 → 80	145 - 157	27.6	27.6	26.7	24.5	21.7	18.2	17	15.5	13.8	13.8	13.2											USt P+
148	12 → 76	136 - 148	27.6	27.6	25.2	23	20.4	16.9	15.8	14.4	13.8													USt
	12 → 80	145 - 148	27.6	27.6	26.8	24.5	21.8	18.2	17.1	15.5	13.8													USt P+
131	12 → 76		27.6	27.6	25.4	23.2	20.5	17.1	16	14.5														USt
	12 → 81		27.6	27.6	27	24.8	22	18.4	17.3	15.7														USt P+
115	12 → 76		27.6	27.6	25.4	23.2	20.5	17.1																USt
	12 → 81		27.6	27.6	27	24.9	22.1	18.5																USt P+

$USt = USt - 1.59 USt \text{ max.}$



(ft)			56	66	82	89	98	115	121	131	148	154	164	180	187	197	213	220	230	236	246	253	262	ft
27.6 USt	13.8 USt																							
262	9 → 70	127 - 129	27.6	27.6	23	21.1	18.6	15.5	14.5	13.5	11.7	11.1	10.3	9.1	8.7	8.2	7.3	7.1	6.6	6.4	6	5.8	5.5	USt
	9 → 72	132 - 135	27.6	27.6	23.8	21.8	19.4	16.2	15.2	13.8	12.4	11.7	10.9	9.7	9.3	8.7	7.9	7.5	7.1	6.9	6.5	6.3	6	USt P+
246	9 → 71	128 - 130	27.6	27.6	23.2	21.2	18.8	15.7	14.7	13.7	11.9	11.3	10.4	9.3	8.9	8.3	7.5	7.2	6.8	6.5	6.2			USt
	9 → 73	133 - 136	27.6	27.6	24.1	22.1	19.6	16.4	15.4	14.1	12.6	11.9	11.1	9.9	9.5	8.9	8	7.7	7.3	7	6.7			USt P+
230	9 → 74	134 - 137	27.6	27.6	24.4	22.4	19.8	16.6	15.5	14.1	12.6	12	11.1	9.9	9.5	8.9	8	7.7	7.3					USt
	9 → 76	141 - 144	27.6	27.6	25.5	23.4	20.8	17.4	16.4	15	13.4	12.7	11.8	10.6	10.1	9.5	8.6	8.3	7.9					USt P+
213	9 → 74	134 - 138	27.6	27.6	24.5	22.5	19.9	16.6	15.6	14.2	12.7	12	11.2	9.9	9.5	8.9	8							USt
	9 → 77	142 - 145	27.6	27.6	25.7	23.6	20.9	17.6	16.5	15.1	13.5	12.8	11.9	10.6	10.2	9.6	8.7							USt P+
197	9 → 77	140 - 143	27.6	27.6	25.6	23.5	20.8	17.4	16.3	14.9	13.3	12.6	11.7	10.4	10	9.4								USt
	9 → 80	148 - 151	27.6	27.6	26.9	24.7	22	18.5	17.4	15.9	13.8	13.5	12.6	11.2	10.8	10.1								USt P+
180	9 → 77	140 - 143	27.6	27.6	25.7	23.6	20.9	17.5	16.4	14.9	13.3	12.7	11.8	10.5										USt
	9 → 81	149 - 152	27.6	27.6	27.1	24.9	22.2	18.6	17.5	16	13.9	13.6	12.6	11.3										USt P+
164	9 → 77	141 - 144	27.6	27.6	25.8	23.7	21	17.6	16.4	15	13.4	12.7	11.8											USt
	9 → 81	150 - 153	27.6	27.6	27.3	25.1	22.3	18.8	17.6	16.1	14	13.7	12.7											USt P+
148	9 → 77	141 - 144	27.6	27.6	25.8	23.6	20.9	17.5	16.4	15	13.3													USt
	9 → 81		27.6	27.6	27.3	25.1	22.3	18.8	17.6	16.1	14													USt P+
131	9 → 78		27.6	27.6	26	23.8	21.1	17.7	16.6	15.1														USt
	9 → 82		27.6	27.6	27.6	25.4	22.6	19	17.8	16.3														USt P+
115	9 → 78		27.6	27.6	25.9	23.8	21.1	17.6																USt
	9 → 82		27.6	27.6	27.6	25.5	22.7	19																USt P+

$USt = USt - 0.38 USt \text{ max.}$

Jib weight & counter-jib ballast

(ft)	(lb) (+/- 5%)		132 HPL™			180 HPL™ GH		
			13,228 lb	8,818 lb		13,228 lb	8,818 lb	
262 ft	56,516	57,596	6	0	79,366	4	2	70,548
246 ft	55,413	56,493	5	1	74,957	3	3	66,139
230 ft	54,201	55,281	5	1	74,957	2	4	61,729
213 ft	51,809	52,889	5	0	66,139	1	5	57,320
197 ft	51,136	52,216	5	0	66,139	2	3	52,911
180 ft	48,744	49,824	4	1	61,729	1	4	48,502
164 ft	45,040	46,121	5	0	66,139	2	3	52,911
148 ft	42,659	43,740	4	1	61,729	2	3	52,911
131 ft	38,592	39,672	2	3	52,911	1	3	39,683
115 ft	36,211	37,291	1	4	48,502	0	4	35,274

CBC - 13,228 lb

CBD - 8,818 lb

