

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	11 → 61	112 - 122	17.6	16.4	12.8	11.7	10.3	9.6	8.8	8.8	8.2	7.8	7.1	6.7	6.2	5.4	5.2	4.8	4.3	4.1	3.9	3.7	3.5	USt
	11 → 67	118 - 128	17.6	17.6	14.1	12.9	11.4	10.4	9.2	8.8	8.5	8	7.4	7	6.4	5.7	5.4	5.1	4.6	4.4	4.1	3.9	3.7	USt P+
230	11 → 65	118 - 128	17.6	17.3	13.6	12.5	11	10.2	9.1	8.8	8.5	8	7.3	6.9	6.3	5.5	5.3	4.9	4.4	4.3	4			USt
	11 → 69	120 - 130	17.6	17.6	14.5	13.3	11.6	10.6	9.3	8.8	8.7	8.1	7.5	7.1	6.5	5.8	5.5	5.2	4.6	4.5	4.2			USt P+
213	11 → 69	127 - 138	17.6	17.6	14.7	13.4	11.9	11.1	10	9.3	8.8	8.8	8.2	7.7	7.1	6.3	6	5.6	5.1					USt
	11 → 74	129 - 140	17.6	17.6	15.5	14.1	12.4	11.5	10.3	9.6	8.8	8.8	8.2	7.8	7.3	6.5	6.2	5.8	5.2					USt P+
197	11 → 74	132 - 143	17.6	17.6	15.6	14.2	12.6	11.7	10.5	9.8	8.9	8.8	8.5	8.1	7.5	6.7	6.4	6.1						USt
	11 → 79	138 - 148	17.6	17.6	16.8	15.3	13.5	12.4	11.1	10.4	9.4	8.8	8.8	8.4	7.8	6.9	6.6	6.2						USt P+
180	11 → 74	137 - 148	17.6	17.6	15.9	14.6	13	12	10.9	10.2	9.3	8.8	8.8	8.4	7.9	7.1								USt
	11 → 80	146 - 157	17.6	17.6	17.1	15.7	13.9	13	11.7	11	10	9.4	8.8	8.8	8.4	7.6								USt P+
164	11 → 75	137 - 148	17.6	17.6	15.9	14.6	13	12.1	10.9	10.2	9.3	8.8	8.8	8.4	7.9									USt
	11 → 81	149 - 161	17.6	17.6	17.5	16.1	14.3	13.3	12	11.2	10.3	9.7	8.9	8.8	8.6									USt P+
148	11 → 78	143 - 148	17.6	17.6	16.7	15.3	13.6	12.7	11.4	10.7	9.8	9.2	8.8											USt
	11 → 85		17.6	17.6	17.6	16.9	15	13.9	12.6	11.8	10.8	10.2	9.4											USt P+
131	11 → 77		17.6	17.6	16.4	15	13.3	12.3	11.1	10.4	9.5													USt
	11 → 84		17.6	17.6	17.6	16.5	14.6	13.6	12.2	11.4	10.4													USt P+
115	11 → 78		17.6	17.6	16.6	15.2	13.4	12.5	11.2															USt
	11 → 84		17.6	17.6	17.6	16.7	14.8	13.7	12.3															USt P+
98	11 → 78		17.6	17.6	16.7	15.3	13.5																	USt
	11 → 85		17.6	17.6	17.6	16.8	14.9																	USt P+

$U_{jib} = U_{St} - 0.97 U_{St} \max.$



▼▲▲▲▲ (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 → 62	114 - 117	17.6	16.5	12.9	11.9	10.5	9.7	8.8	8.4	7.7	7.2	6.6	6.2	5.7	4.9	4.7	4.3	3.8	3.6	3.3	3.2	2.95	USt
	8 → 68	120 - 122	17.6	17.6	14.2	13	11.5	10.5	9.3	8.8	8	7.5	6.8	6.5	5.9	5.2	4.9	4.6	4	3.8	3.6	3.4	3.2	USt P+
230	8 → 65	119 - 122	17.6	17.5	13.7	12.6	11.2	10.4	9.3	8.8	8	7.5	6.8	6.4	5.8	5	4.8	4.4	3.9	3.8	3.5			USt
	8 → 70	121 - 125	17.6	17.6	14.7	13.4	11.7	10.7	9.5	8.8	8.1	7.6	7	6.6	6	5.3	5	4.7	4.1	3.9	3.7			USt P+
213	8 → 70	129 - 132	17.6	17.6	14.8	13.6	12.1	11.2	10.1	9.5	8.8	8.4	7.7	7.3	6.7	5.8	5.5	5.1	4.6					USt
	8 → 74	131 - 134	17.6	17.6	15.7	14.3	12.6	11.6	10.4	9.7	8.8	8.5	7.8	7.4	6.8	6	5.7	5.4	4.8					USt P+
197	8 → 74	134 - 138	17.6	17.6	15.7	14.4	12.8	11.8	10.6	10	9.1	8.8	8.1	7.7	7.1	6.3	6.1	5.7						USt
	8 → 79	140 - 143	17.6	17.6	16.9	15.5	13.6	12.6	11.3	10.5	9.6	9	8.5	8	7.4	6.5	6.3	5.8						USt P+
180	8 → 75	139 - 142	17.6	17.6	16	14.7	13.1	12.2	11	10.3	9.5	8.9	8.5	8	7.5	6.7								USt
	8 → 81	148 - 151	17.6	17.6	17.3	15.9	14.1	13.1	11.8	11.1	10.1	9.6	8.8	8.6	8	7.2								USt P+
164	8 → 75	140 - 143	17.6	17.6	16	14.8	13.1	12.2	11	10.4	9.5	8.9	8.5	8.1	7.5									USt
	8 → 82	151 - 151	17.6	17.6	17.6	16.2	14.4	13.4	12.1	11.4	10.4	9.8	9.1	8.7	8.2									USt P+
148	8 → 78	146 - 148	17.6	17.6	16.8	15.5	13.8	12.8	11.6	10.9	10	9.4	8.8											USt
	8 → 86		17.6	17.6	17.6	17	15.2	14.1	12.8	12	10.9	10.3	9.5											USt P+
131	8 → 78		17.6	17.6	16.6	15.2	13.4	12.5	11.2	10.5	9.6													USt
	8 → 84		17.6	17.6	17.6	16.7	14.8	13.7	12.4	11.6	10.6													USt P+
115	8 → 78		17.6	17.6	16.7	15.3	13.6	12.6	11.4															USt
	8 → 85		17.6	17.6	17.6	16.9	14.9	13.9	12.5															USt P+
98	8 → 79		17.6	17.6	16.8	15.4	13.7																	USt
	8 → 85		17.6	17.6	17.6	17	15																	USt P+

$U_{jib} = U_{St} - 0.29 U_{St} \max.$

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

