

Load curves



		▲▲▲▲▲ (ft)																					
▲▲▲▲	USt	5.5 USt	56	66	72	82	89	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	ft
213	10 → 53	98 - 107	10.5	8.8	7.9	6.8	6.2	5.5	5.5	5.1	4.7	4.4	4.1	3.8	3.6	3.3	3.1	2.85	2.65	2.4	2.15	2.05	USt
	10 → 58	106 - 115	11	9.7	8.7	7.5	6.9	6	5.6	5.5	5.1	4.6	4.3	4	3.7	3.5	3.3	3	2.8	2.5	2.3	2.05	USt P+
197	10 → 57	106 - 115	11	9.5	8.6	7.4	6.8	6	5.5	5.5	5.1	4.6	4.3	3.9	3.7	3.4	3.3	3.1	2.95	2.75			USt
	10 → 62	108 - 115	11	10.3	9.2	8	7.2	6.3	5.7	5.5	5.1	4.7	4.4	4	3.8	3.5	3.3	3.1	2.95	2.8			USt P+
180	10 → 62	115 - 122	11	10.4	9.4	8.2	7.5	6.6	6.2	5.5	5.1	4.7	4.3	4.1	3.8	3.7	3.4						USt
	10 → 65	117 - 122	11	11	9.9	8.6	7.9	6.9	6.3	5.6	5.5	5.1	4.8	4.4	4.2	3.9	3.7	3.4					USt P+
164	10 → 66	123 - 131	11	11	10	8.7	8	7.1	6.6	6	5.6	5.5	5.1	4.7	4.4	4.1							USt
	10 → 68	123 - 131	11	11	10.4	9	8.3	7.4	6.8	6.1	5.6	5.5	5.2	4.8	4.5	4.2							USt P+
148	10 → 67	124 - 133	11	11	10.1	8.8	8.1	7.2	6.7	6	5.7	5.5	5.3	4.9									USt
	10 → 69	128 - 135	11	11	10.5	9.1	8.3	7.4	6.9	6.2	5.8	5.5	5.4	5									USt P+
131	10 → 68	126 - 131	11	11	10.3	9	8.3	7.3	6.8	6.2	5.8	5.5											USt
	10 → 69	129 - 131	11	11	10.6	9.2	8.4	7.5	7	6.3	5.9	5.5											USt P+
115	10 → 69		11	11	10.5	9.1	8.4	7.5	6.9	6.3													USt
	10 → 70		11	11	10.7	9.3	8.5	7.6	7	6.4													USt P+
98	10 → 70		11	11	10.7	9.3	8.6	7.6															USt
	10 → 71		11	11	10.8	9.4	8.6	7.7															USt P+
82	10 → 69		11	11	10.6	9.2																	USt
	10 → 70		11	11	10.6	9.2																	USt P+

$W_{10} = W_{10} - 0.53 \text{ USt max.}$



		▲▲▲▲▲ (ft)																					
▲▲▲▲	USt	5.5 USt	56	66	72	82	89	98	105	115	121	131	138	148	154	164	171	180	187	197	203	213	ft
213	8 → 53	100 - 103	10.6	8.9	8	7	6.4	5.6	5.4	4.8	4.5	4.1	3.9	3.6	3.4	3.1	2.95	2.65	2.45	2.2	1.95	1.8	USt
	8 → 58	107 - 110	11	9.8	8.8	7.6	7	6.1	5.7	5.2	4.8	4.4	4.1	3.8	3.5	3.3	3.1	2.8	2.6	2.3	2.1	1.85	USt P+
197	8 → 58	108 - 110	11	9.7	8.7	7.6	6.9	6.1	5.7	5.3	4.9	4.5	4.2	3.9	3.7	3.4	3.2	2.9	2.7	2.55			USt
	8 → 62	114 - 116	11	10.4	9.3	8.1	7.4	6.6	6.1	5.5	5.2	4.8	4.4	4.1	3.8	3.5	3.3	3.1	2.85	2.6			USt P+
180	8 → 63	118 - 120	11	10.5	9.5	8.3	7.6	6.7	6.3	5.7	5.4	5	4.7	4.3	4	3.7	3.5	3.3					USt
	8 → 66	121 - 123	11	11	10	8.7	8	7.1	6.6	5.9	5.5	5.1	4.8	4.4	4.1	3.8	3.6	3.4					USt P+
164	8 → 67	124 - 126	11	11	10.1	8.8	8.1	7.2	6.7	6.1	5.7	5.3	4.9	4.5	4.2	3.9							USt
	8 → 69	125 - 128	11	11	10.5	9.1	8.4	7.4	6.9	6.2	5.7	5.3	5	4.6	4.3	4							USt P+
148	8 → 67	126 - 129	11	11	10.2	8.9	8.2	7.3	6.8	6.1	5.8	5.4	5.1	4.7									USt
	8 → 69	129 - 132	11	11	10.5	9.2	8.4	7.5	7	6.3	5.9	5.5	5.2	4.8									USt P+
131	8 → 69	128 - 131	11	11	10.4	9.1	8.4	7.4	6.9	6.3	5.9	5.5											USt
	8 → 70	131 - 131	11	11	10.6	9.3	8.5	7.6	7	6.4	6	5.5											USt P+
115	8 → 70		11	11	10.6	9.2	8.5	7.6	7	6.4													USt
	8 → 71		11	11	10.7	9.3	8.6	7.6	7.1	6.4													USt P+
98	8 → 71		11	11	10.8	9.4	8.7	7.7															USt
	8 → 71		11	11	10.9	9.5	8.7	7.7															USt P+
82	8 → 70		11	11	10.7	9.3																	USt
	8 → 70		11	11	10.7	9.3																	USt P+

$W_{10} = W_{10} - 0.18 \text{ USt max.}$

Jib weight & counter-jib ballast

▲▲▲▲	▲▲▲▲▲ (lb) - 50 LVF (+/- 5%)			■ ■ ■ ■ ■		▲ (lb)
	USt	USt	USt	7,937 lb	2,425 lb	
213 ft	24,403	23,940	24,590	4	4	41,447
197 ft	23,962	23,499	24,149	4	4	41,447
180 ft	23,257	22,860	23,455	4	4	41,447
164 ft	22,595	22,198	22,794	4	4	41,447
148 ft	21,821	21,425	22,020	4	3	39,022
131 ft	20,962	20,565	21,160	4	2	36,597
115 ft	19,903	19,507	20,102	4	1	34,172
98 ft	18,797	18,400	18,995	4	0	31,747
82 ft	17,690	17,293	17,888	3	2	28,660

CAU - 7,937 lb

CAV - 2,425 lb

