

**180x54x12 Barge**  
**Maximum Deck Cargo versus Maximum Cargo Height**

Draft	Displacement	Lightship	Maxcargo	Maxvccg	Maxmom	Lightship VCG	Maxcargo VCG	Actual Moment	Actual VCG
1.5	377.26	381.77	-4.51	51.09	19274.21	8.4	24.500	3096.373	8.21
1.75	440.89	381.77	59.12	49.61	21872.55	8.4	24.500	4655.308	10.56
2	504.69	381.77	122.92	48.26	24356.34	8.4	24.500	6218.408	12.32
2.25	568.66	381.77	186.89	47	26727.02	8.4	24.500	7785.673	13.69
2.5	632.81	381.77	251.04	45.79	28976.37	8.4	24.500	9357.348	14.79
2.75	698.12	381.77	316.35	44.63	31157.1	8.4	24.500	10957.44	15.70
3	761.61	381.77	379.84	43.51	33137.65	8.4	24.500	12512.95	16.43
3.25	826.28	381.77	444.51	42.41	35042.53	8.4	24.500	14097.36	17.06
3.5	891.12	381.77	509.35	41.32	36821.08	8.4	24.500	15685.94	17.60
3.75	956.13	381.77	574.36	40.24	38474.67	8.4	24.500	17278.69	18.07
4	1021.31	381.77	639.54	39.17	40004.71	8.4	24.500	18875.6	18.48
4.25	1086.67	381.77	704.9	38.11	41412.99	8.4	24.500	20476.92	18.84
4.5	1152.20	381.77	770.43	37.07	42712.05	8.4	24.500	22082.4	19.17
4.75	1217.90	381.77	836.13	36.02	43868.76	8.4	24.500	23692.05	19.45
5	1283.77	381.77	902	34.97	44893.44	8.4	24.500	25305.87	19.71
5.25	1349.82	381.77	968.05	33.94	45812.89	8.4	24.500	26924.09	19.95
5.5	1416.04	381.77	1034.27	32.9	46587.72	8.4	24.500	28546.48	20.16
5.75	1482.44	381.77	1100.67	31.86	47230.54	8.4	24.500	30173.28	20.35
6	1549.01	381.77	1167.24	30.82	47740.49	8.4	24.500	31804.25	20.53
6.25	1615.75	381.77	1233.98	29.79	48133.19	8.4	24.500	33439.38	20.70
6.5	1682.66	381.77	1300.89	28.75	48376.48	8.4	24.500	35078.67	20.85
6.75	1749.75	381.77	1367.98	27.71	48485.57	8.4	24.500	36722.38	20.99
7	1817.00	381.77	1435.23	26.66	48441.22	8.4	24.500	38370	21.12
7.25	1884.43	381.77	1502.66	25.62	48279.1	8.4	24.500	40022.04	21.24
7.5	1952.03	381.77	1570.26	24.58	47980.9	8.4	24.500	41678.24	21.35
7.75	2019.80	381.77	1638.03	23.53	47525.89	8.4	24.500	43338.6	21.46
8	2087.75	381.77	1705.98	22.49	46953.5	8.4	24.500	45003.38	21.56
8.25	2155.87	381.77	1774.1	21.44	46221.85	8.4	24.246	46221.85	21.44
8.5	2224.16	381.77	1842.39	20.39	45350.62	8.4	22.875	45350.62	20.39
8.75	2292.62	381.77	1910.85	18.87	43261.74	8.4	20.962	43261.74	18.87
9	2361.26	381.77	1979.49	17.35	40967.86	8.4	19.076	40967.86	17.35
9.25	2730.07	381.77	2348.3	15.84	43244.31	8.4	17.050	43244.31	15.84
9.5	2499.05	381.77	2117.28	14.37	35911.35	8.4	15.446	35911.35	14.37
9.75	2568.20	381.77	2186.43	12.93	33206.83	8.4	13.721	33206.83	12.93
10	2637.53	381.77	2255.76	11.55	30463.47	8.4	12.083	30463.47	11.55