

Freeboard		Draft	Vessel in Sea Water			Vessel in Fresh Water			Max Cargo	Max Cargo	Remark
			Vessel	Cargo		Vessel	Cargo		Height	VCG	
ft	Inches	ft	Displacement	Deadweight	Tons/Inch	Displacement	Deadweight	Tons/Inch			
			Short Tons	Short Tons	Short Tons	Short Tons	Short Tons	Short Tons	Ft abv Dk	Ft abv Dk	
<b>17</b>	<b>0</b>	<b>3.798</b>	<b>2756.90</b>	<b>0</b>	<b>63.60</b>	<b>2689.66</b>	<b>0.00</b>	<b>62.05</b>	<b>0.00</b>	<b>0.00</b>	<b>Lightship</b>
16	11	3.883	2821.76	64.86	63.56	2752.94	63.28	62.01	265.76	132.88	
16	10	3.967	2885.37	128.46	63.65	2814.99	125.33	62.10	265.76	132.88	
16	9	4.05	2949.06	192.16	63.74	2877.13	187.47	62.18	265.76	132.88	
16	8	4.133	3012.84	255.94	63.83	2939.36	249.70	62.27	265.76	132.88	
16	7	4.217	3076.73	319.83	63.92	3001.69	312.03	62.36	265.76	132.88	
16	6	4.3	3140.69	383.79	64.01	3064.09	374.43	62.45	265.76	132.88	
16	5	4.383	3204.76	447.85	64.11	3126.59	436.93	62.55	265.76	132.88	
16	4	4.467	3268.90	512.00	64.20	3189.17	499.51	62.63	265.76	132.88	
16	3	4.55	3333.14	576.24	64.30	3251.85	562.19	62.73	265.76	132.88	
16	2	4.633	3397.49	640.58	64.39	3314.62	624.96	62.82	265.76	132.88	
16	1	4.717	3461.92	705.02	64.49	3377.48	687.82	62.92	265.76	132.88	
16	0	4.8	3526.45	769.55	64.59	3440.44	750.78	63.02	265.76	132.88	
15	11	4.883	3591.08	834.18	64.68	3503.49	813.83	63.10	265.76	132.88	
15	10	4.967	3655.81	898.91	64.78	3566.65	876.99	63.20	265.76	132.88	
15	9	5.05	3720.63	963.73	64.88	3629.88	940.22	63.30	265.76	132.88	
15	8	5.133	3785.56	1028.65	64.98	3693.22	1003.56	63.40	265.76	132.88	
15	7	5.217	3850.57	1093.67	65.07	3756.65	1066.99	63.48	265.76	132.88	
15	6	5.3	3915.69	1158.79	65.15	3820.18	1130.52	63.56	265.76	132.88	
15	5	5.383	3980.88	1223.98	65.25	3883.79	1194.13	63.66	265.76	132.88	
15	4	5.467	4046.17	1289.27	65.34	3947.48	1257.82	63.75	265.76	132.88	
15	3	5.55	4111.55	1354.65	65.44	4011.27	1321.61	63.85	265.76	132.88	
15	2	5.633	4177.04	1420.14	65.53	4075.16	1385.50	63.93	265.76	132.88	
15	1	5.717	4242.60	1485.70	65.62	4139.13	1449.47	64.02	265.76	132.88	
15	0	5.8	4308.27	1551.37	65.71	4203.19	1513.53	64.11	265.76	132.88	
14	11	5.883	4373.89	1616.99	65.65	4267.21	1577.55	64.05	265.76	132.88	
14	10	5.967	4439.59	1682.69	65.74	4331.31	1641.65	64.14	265.76	132.88	
14	9	6.05	4505.38	1748.48	65.83	4395.49	1705.83	64.23	259.26	129.63	
14	8	6.133	4571.25	1814.34	65.91	4459.75	1770.09	64.30	253.37	126.68	
14	7	6.217	4637.19	1880.29	65.99	4524.09	1834.43	64.38	247.41	123.70	
14	6	6.3	4703.23	1946.32	66.08	4588.51	1898.85	64.47	241.52	120.76	
14	5	6.383	4769.34	2012.44	66.16	4653.02	1963.35	64.54	235.63	117.81	

Freeboard		Draft	Vessel in Sea Water			Vessel in Fresh Water			Max Cargo	Max Cargo	Remark
			Vessel	Cargo		Vessel	Cargo		Height	VCG	
			Displacement	Deadweight	Tons/Inch	Displacement	Deadweight	Tons/Inch			
ft	Inches	ft	Short Tons	Short Tons	Short Tons	Short Tons	Short Tons	Short Tons	Ft abv Dk	Ft abv Dk	
14	4	6.467	4835.53	2078.63	66.24	4717.59	2027.93	64.62	229.67	114.83	
14	3	6.55	4901.81	2144.91	66.33	4782.26	2092.60	64.71	223.78	111.89	
14	2	6.633	4968.17	2211.27	66.40	4847.00	2157.34	64.79	217.89	108.94	
14	1	6.717	5034.62	2277.72	66.49	4911.83	2222.17	64.87	211.93	105.96	
14	0	6.8	5101.16	2344.26	66.58	4976.74	2287.08	64.96	206.04	103.02	
13	11	6.883	5167.79	2410.89	66.67	5041.75	2352.09	65.05	200.15	100.07	
13	10	6.967	5234.49	2477.59	66.74	5106.82	2417.16	65.11	194.19	97.09	
13	9	7.05	5301.27	2544.37	66.83	5171.97	2482.31	65.20	191.10	95.55	
13	8	7.133	5368.15	2611.25	66.91	5237.22	2547.56	65.28	187.76	93.88	
13	7	7.217	5435.10	2678.20	67.00	5302.54	2612.88	65.36	184.37	92.19	
13	6	7.3	5502.13	2745.23	67.08	5367.94	2678.28	65.44	181.02	90.51	
13	5	7.383	5569.27	2812.36	67.17	5433.43	2743.77	65.53	177.68	88.84	
13	4	7.467	5636.48	2879.58	67.26	5499.00	2809.34	65.62	174.29	87.15	
13	3	7.55	5703.78	2946.88	67.35	5564.66	2875.00	65.70	170.94	85.47	
13	2	7.633	5771.16	3014.26	67.42	5630.40	2940.74	65.78	167.60	83.80	
13	1	7.717	5838.63	3081.72	67.51	5696.22	3006.56	65.87	164.21	82.11	
13	0	7.8	5906.17	3149.27	67.59	5762.12	3072.46	65.94	160.86	80.43	
12	11	7.883	5973.81	3216.91	67.68	5828.11	3138.45	66.03	157.52	78.76	
12	10	7.967	6041.53	3284.62	67.77	5894.17	3204.51	66.12	154.13	77.07	
12	9	8.05	6109.33	3352.43	67.85	5960.32	3270.66	66.19	151.96	75.98	
12	8	8.133	6177.23	3420.32	67.94	6026.56	3336.90	66.28	149.69	74.84	
12	7	8.217	6245.20	3488.30	68.02	6092.88	3403.22	66.36	147.38	73.69	
12	6	8.3	6313.16	3556.26	67.95	6159.18	3469.52	66.29	145.10	72.55	
12	5	8.383	6381.14	3624.24	68.03	6225.51	3535.85	66.37	142.83	71.41	
12	4	8.467	6449.21	3692.30	68.10	6291.91	3602.25	66.44	140.52	70.26	
12	3	8.55	6517.35	3760.44	68.17	6358.39	3668.73	66.51	138.24	69.12	
12	2	8.633	6585.54	3828.64	68.24	6424.92	3735.26	66.58	135.97	67.98	
12	1	8.717	6653.83	3896.93	68.32	6491.54	3801.88	66.65	133.66	66.83	
12	0	8.8	6722.18	3965.28	68.40	6558.23	3868.57	66.73	131.38	65.69	
11	11	8.883	6790.62	4033.71	68.47	6624.99	3935.33	66.80	129.11	64.55	
11	10	8.967	6859.13	4102.22	68.54	6691.83	4002.17	66.87	126.80	63.40	
11	9	9.05	6927.72	4170.81	68.62	6758.75	4069.09	66.95	125.13	62.57	

Freeboard		Draft	Vessel in Sea Water			Vessel in Fresh Water			Max Cargo	Max Cargo	Remark
			Vessel	Cargo		Vessel	Cargo		Height	VCG	
			Displacement	Deadweight	Tons/Inch	Displacement	Deadweight	Tons/Inch			
ft	Inches	ft	Short Tons	Short Tons	Short Tons	Short Tons	Short Tons	Short Tons	Ft abv Dk	Ft abv Dk	
11	8	9.133	6996.37	4239.47	68.70	6825.73	4136.07	67.03	123.40	61.70	
11	7	9.217	7065.12	4308.21	68.78	6892.80	4203.14	67.10	121.65	60.83	
11	6	9.3	7133.94	4377.04	68.86	6959.94	4270.28	67.18	119.93	59.96	
11	5	9.383	7202.83	4445.93	68.94	7027.15	4337.49	67.25	118.20	59.10	
11	4	9.467	7271.80	4514.90	69.01	7094.44	4404.78	67.33	116.45	58.22	
11	3	9.55	7340.86	4583.96	69.09	7161.82	4472.15	67.41	114.72	57.36	
11	2	9.633	7409.99	4653.08	69.14	7229.26	4539.59	67.45	112.99	56.50	
11	1	9.717	7479.16	4722.26	69.22	7296.74	4607.08	67.53	111.24	55.62	
11	0	9.8	7548.41	4791.51	69.28	7364.30	4674.64	67.59	109.52	54.76	
10	11	9.883	7617.72	4860.82	69.36	7431.93	4742.27	67.67	107.79	53.89	
10	10	9.967	7687.12	4930.22	69.43	7499.63	4809.97	67.74	106.04	53.02	
10	9	10.05	7756.59	4999.69	69.51	7567.41	4877.75	67.81	104.66	52.33	
10	8	10.133	7826.13	5069.23	69.59	7635.25	4945.59	67.89	103.24	51.62	
10	7	10.217	7895.75	5138.85	69.64	7703.17	5013.51	67.94	101.81	50.91	
10	6	10.3	7965.44	5208.54	69.71	7771.16	5081.50	68.01	100.40	50.20	
10	5	10.383	8035.19	5278.29	69.79	7839.21	5149.55	68.09	98.98	49.49	
10	4	10.467	8105.03	5348.12	69.85	7907.34	5217.68	68.15	97.55	48.78	
10	3	10.55	8174.94	5418.03	69.93	7975.55	5285.89	68.23	96.14	48.07	
10	2	10.633	8244.92	5488.02	70.01	8043.83	5354.17	68.30	94.72	47.36	
10	1	10.717	8314.98	5558.08	70.09	8112.18	5422.52	68.38	93.29	46.65	
10	0	10.8	8385.12	5628.21	70.17	8180.60	5490.94	68.46	91.88	45.94	
9	11	10.883	8455.34	5698.44	70.25	8249.11	5559.45	68.53	90.46	45.23	
9	10	10.967	8525.63	5768.73	70.31	8317.69	5628.03	68.60	89.03	44.52	
9	9	11.05	8596.00	5839.10	70.39	8386.34	5696.68	68.68	87.83	43.92	
9	8	11.133	8666.41	5909.51	70.45	8455.04	5765.38	68.73	86.61	43.30	
9	7	11.217	8736.90	5979.99	70.52	8523.80	5834.14	68.80	85.37	42.69	
9	6	11.3	8807.44	6050.54	70.58	8592.63	5902.97	68.86	84.15	42.08	
9	5	11.383	8878.06	6121.16	70.65	8661.52	5971.86	68.93	82.93	41.46	
9	4	11.467	8948.74	6191.84	70.73	8730.48	6040.82	69.00	81.69	40.85	
9	3	11.55	9019.51	6262.60	70.80	8799.52	6109.86	69.07	80.47	40.24	
9	2	11.633	9090.35	6333.44	70.87	8868.63	6178.97	69.14	79.25	39.62	
9	1	11.717	9161.25	6404.35	70.94	8937.81	6248.15	69.21	78.01	39.01	

Freeboard		Draft	Vessel in Sea Water			Vessel in Fresh Water			Max Cargo	Max Cargo	Remark
			Vessel	Cargo		Vessel	Cargo		Height	VCG	
			Displacement	Deadweight	Tons/Inch	Displacement	Deadweight	Tons/Inch			
ft	Inches	ft	Short Tons	Short Tons	Short Tons	Short Tons	Short Tons	Short Tons	Ft abv Dk	Ft abv Dk	
9	0	11.8	9232.23	6475.32	71.01	9007.05	6317.39	69.28	76.79	38.40	
8	11	11.883	9303.27	6546.37	71.06	9076.36	6386.70	69.33	75.57	37.78	
8	10	11.967	9374.39	6617.49	71.14	9145.75	6456.08	69.41	74.33	37.17	
8	9	12.05	9445.58	6688.67	71.21	9215.20	6525.54	69.47	73.26	36.63	
8	8	12.133	9516.83	6759.93	71.29	9284.71	6595.05	69.55	72.16	36.08	
8	7	12.217	9588.16	6831.26	71.36	9354.31	6664.64	69.61	71.06	35.53	
8	6	12.3	9659.56	6902.66	71.42	9423.96	6734.30	69.68	69.97	34.99	
8	5	12.383	9731.04	6974.14	71.50	9493.70	6804.04	69.76	68.88	34.44	
8	4	12.467	9802.59	7045.68	71.58	9563.50	6873.84	69.83	67.78	33.89	
8	3	12.55	9874.21	7117.31	71.65	9633.38	6943.72	69.90	66.69	33.34	
8	2	12.633	9945.90	7189.00	71.70	9703.32	7013.66	69.95	65.59	32.80	
8	1	12.717	10017.63	7260.72	71.77	9773.29	7083.63	70.02	64.49	32.25	
8	0	12.8	10089.43	7332.53	71.84	9843.35	7153.69	70.08	63.40	31.70	
7	11	12.883	10161.29	7404.39	71.90	9913.45	7223.79	70.15	62.31	31.15	
7	10	12.967	10233.23	7476.32	71.97	9983.64	7293.98	70.22	61.21	30.60	
7	9	13.05	10305.22	7548.32	72.04	10053.87	7364.21	70.28	60.21	30.10	
7	8	13.133	10377.30	7620.40	72.11	10124.20	7434.54	70.35	59.20	29.60	
7	7	13.217	10449.44	7692.54	72.17	10194.58	7504.92	70.41	58.18	29.09	
7	6	13.3	10521.65	7764.75	72.25	10265.02	7575.36	70.49	57.18	28.59	
7	5	13.383	10593.93	7837.03	72.32	10335.55	7645.88	70.55	56.17	28.09	
7	4	13.467	10666.29	7909.38	72.37	10406.13	7716.47	70.61	55.15	27.58	
7	3	13.55	10738.69	7981.79	72.44	10476.78	7787.11	70.67	54.15	27.07	
7	2	13.633	10811.19	8054.29	72.51	10547.50	7857.84	70.74	53.14	26.57	
7	1	13.717	10883.75	8126.84	72.59	10618.29	7928.63	70.82	52.12	26.06	
7	0	13.8	10956.38	8199.48	72.65	10689.15	7999.49	70.88	51.12	25.56	
6	11	13.883	11029.08	8272.17	72.72	10760.07	8070.41	70.95	50.11	25.06	
6	10	13.967	11101.84	8344.94	72.80	10831.07	8141.41	71.02	49.09	24.55	
6	9	14.05	11174.70	8417.80	72.88	10902.15	8212.48	71.10	48.16	24.08	
6	8	14.133	11247.61	8490.71	72.95	10973.28	8283.62	71.17	47.22	23.61	
6	7	14.217	11320.61	8563.71	73.02	11044.50	8354.84	71.24	46.26	23.13	
6	6	14.3	11393.65	8636.75	73.07	11115.75	8426.09	71.29	45.32	22.66	
6	5	14.383	11466.75	8709.85	73.14	11187.07	8497.41	71.35	44.38	22.19	

Freeboard		Draft	Vessel in Sea Water			Vessel in Fresh Water			Max Cargo	Max Cargo	Remark
			Vessel	Cargo		Vessel	Cargo		Height	VCG	
			Displacement	Deadweight	Tons/Inch	Displacement	Deadweight	Tons/Inch			
ft	Inches	ft	Short Tons	Short Tons	Short Tons	Short Tons	Short Tons	Short Tons	Ft abv Dk	Ft abv Dk	
6	4	14.467	11539.91	8783.01	73.20	11258.45	8568.79	71.42	43.42	21.71	
6	3	14.55	11613.13	8856.23	73.26	11329.89	8640.23	71.47	42.48	21.24	
6	2	14.633	11686.43	8929.52	73.33	11401.39	8711.73	71.54	41.54	20.77	
6	1	14.717	11759.80	9002.90	73.39	11472.97	8783.31	71.60	40.58	20.29	
6	0	14.8	11833.23	9076.32	73.46	11544.61	8854.95	71.67	39.64	19.82	
5	11	14.883	11906.73	9149.83	73.53	11616.32	8926.66	71.73	38.70	19.35	
5	10	14.967	11980.30	9223.40	73.60	11688.10	8998.44	71.80	37.74	18.87	
5	9	15.05	12053.93	9297.03	73.66	11759.93	9070.27	71.87	36.85	18.42	
5	8	15.133	12127.64	9370.74	73.74	11831.84	9142.18	71.94	35.95	17.97	
5	7	15.217	12201.43	9444.52	73.81	11903.83	9214.17	72.01	35.04	17.52	
5	6	15.3	12275.27	9518.36	73.88	11975.87	9286.21	72.07	34.14	17.07	
5	5	15.383	12349.19	9592.28	73.95	12047.99	9358.33	72.15	33.24	16.62	
5	4	15.467	12423.19	9666.28	74.02	12120.18	9430.52	72.22	32.33	16.16	
5	3	15.55	12497.23	9740.33	74.05	12192.42	9502.76	72.25	31.43	15.71	
5	2	15.633	12571.32	9814.41	74.09	12264.70	9575.04	72.28	30.53	15.26	
5	1	15.717	12645.43	9888.52	74.11	12337.00	9647.34	72.30	29.62	14.81	
5	0	15.8	12719.56	9962.66	74.14	12409.33	9719.67	72.34	28.72	14.36	
4	11	15.883	12793.74	10036.84	74.17	12481.70	9792.03	72.36	27.82	13.91	
4	10	15.967	12867.92	10111.01	74.17	12554.06	9864.40	72.36	26.91	13.45	
4	9	16.05	12942.09	10185.19	74.19	12626.43	9936.77	72.38	26.03	13.01	
4	8	16.133	13016.29	10259.39	74.21	12698.82	10009.16	72.40	25.15	12.57	
4	7	16.217	13090.52	10333.61	74.23	12771.23	10081.57	72.42	24.25	12.13	
4	6	16.3	13164.77	10407.87	74.26	12843.68	10154.02	72.44	23.37	11.69	
<b>4</b>	<b>5.6</b>	<b>16.333</b>	<b>13194.51</b>	<b>10437.60</b>	<b>74.27</b>	<b>12872.69</b>	<b>10183.03</b>	<b>72.46</b>	<b>23.02</b>	<b>11.51</b>	<b>Loadline</b>
4	5	16.383	13238.77	10481.87	74.28	12915.87	10226.21	72.47	n/a	n/a	
4	4	16.467	13313.65	10556.75	74.30	12988.93	10299.27	72.49	n/a	n/a	
4	3	16.55	13388.57	10631.67	74.32	13062.02	10372.36	72.51	n/a	n/a	
4	2	16.633	13463.50	10706.60	74.35	13135.12	10445.46	72.53	n/a	n/a	
4	1	16.717	13536.68	10779.78	74.37	13206.52	10516.85	72.55	n/a	n/a	