

HYDROSTATIC TABLES  
130 X 52 X 8 BARGE

LOAD DRAFT (ft)		1.00	1.25	1.50	1.75	2.00	2.25	2.50	2.75	3.00	3.25
DISP. MLD. (LTons-SW)		179.05	224.23	269.57	315.09	360.77	406.63	452.65	498.84	545.20	591.73
DISP. TOTAL (LTons-SW)		179.94	225.35	270.92	316.66	362.58	408.66	454.91	501.34	547.93	594.69
DISP. TOTAL (LTons-FW)		175.55	219.85	264.31	308.94	353.73	398.69	443.82	489.11	534.56	580.18
LCB (ft-PP)		69.56A	69.44A	69.33A	69.21A	69.10A	68.98A	68.87A	68.75A	68.64A	68.52A
TCB (ft-CL)		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KB (ft)		0.50	0.63	0.75	0.88	1.00	1.13	1.26	1.38	1.51	1.64
BMT (ft)		223.26	178.45	148.57	127.23	111.22	98.78	88.82	83.19	76.18	70.26
KMT (ft)		223.76	179.08	149.32	128.11	112.23	99.91	90.07	84.57	77.69	71.89
BWL (ft)		1,214.50	975.37	815.96	702.11	616.74	550.34	497.24	481.93	443.37	410.76
KWL (ft)		1,215.00	976.00	816.72	702.99	617.74	551.47	498.49	483.31	444.88	412.40
TPI (LTons)		14.92	14.95	14.98	15.00	15.03	15.06	15.09	15.43	15.45	15.48
MTlin (ft-LTons)		139.39	140.19	141.00	141.81	142.63	143.45	144.28	154.11	154.95	155.81
in (LTons)		0.52	0.51	0.50	0.49	0.47	0.46	0.45	0.30	0.28	0.27
LCF (ft-PP)		69.56A	69.44A	69.33A	69.21A	69.10A	68.98A	68.87A	67.51A	67.39A	67.28A
W.P. AREA (ft2)		6,267.02	6,278.84	6,290.66	6,302.48	6,314.30	6,326.11	6,337.93	6,479.75	6,491.57	6,503.39
WETTED SUR. (ft2)		6,634.58	6,729.42	6,824.49	6,919.79	7,015.31	7,111.06	7,207.04	7,433.24	7,529.67	7,626.33
MAX. BEAM (ft)		52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00
LENGTH W.L. (ft)		121.82	122.27	122.73	123.18	123.64	124.09	124.55	125.00	125.45	125.91
Cb		0.9272	0.9289	0.9306	0.9324	0.9341	0.9359	0.9376	0.9394	0.9411	0.9428
Cm		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Cp		0.9272	0.9289	0.9306	0.9324	0.9341	0.9359	0.9376	0.9394	0.9411	0.9428
Cwp		0.9271	0.9288	0.9306	0.9323	0.9341	0.9358	0.9376	0.9585	0.9603	0.9620
Cit		0.9187	0.9195	0.9204	0.9213	0.9222	0.9230	0.9239	0.9536	0.9545	0.9554

Assumes: Sea Water at 35.0063 ft3/LT  
 Fresh Water at 35.8814 ft3/LT  
 Ship floating at even keel (no heel or trim)

HYDROSTATIC TABLES (cont.)  
130 X 52 X 8 BARGE

BOARD DRAFT (ft)		3.50	3.75	4.00	4.25	4.50	4.75	5.00	5.25	5.50	5.75
DISP. MLD.	(LTons-SW)	638.43	685.29	732.33	779.53	826.91	874.45	922.16	970.04	1,018.09	1,066.22
DISP. TOTAL	(LTons-SW)	641.62	688.72	735.99	783.43	831.04	878.82	926.77	974.89	1,023.18	1,071.55
DISP. TOTAL	(LTons-PW)	625.97	671.92	718.04	764.32	810.77	857.39	904.17	951.11	998.22	1,045.41
LCB	(ft-PP)	68.40A	68.29A	68.17A	68.06A	67.94A	67.82A	67.71A	67.59A	67.47A	67.36A
TCB	(ft-CL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KB	(ft)	1.76	1.89	2.02	2.15	2.27	2.40	2.53	2.66	2.79	2.91
BMt	(ft)	66.64	61.86	57.81	54.31	51.23	48.50	46.06	43.85	42.40	40.49
KMt	(ft)	68.40	63.75	59.83	56.46	53.51	50.90	48.59	46.51	45.19	43.40
BM1	(ft)	405.28	373.81	348.60	327.47	309.30	293.40	279.31	266.72	265.79	253.79
KM1	(ft)	407.05	375.70	350.62	329.62	311.57	295.80	281.84	269.38	268.58	256.70
TPI	(LTons)	15.81	15.76	15.74	15.74	15.75	15.76	15.79	15.81	16.04	16.04
MTlin	(ft-LTons)	165.86	164.21	163.65	163.64	163.95	164.46	165.11	165.85	173.46	173.46
CDTlin	(LTons)	0.12	0.14	0.15	0.15	0.15	0.14	0.13	0.12	0.00	0.00
LCP	(ft-PP)	65.95A	66.17A	66.25A	66.25A	66.21A	66.14A	66.05A	65.95A	65.00A	65.00A
W.P. AREA	(ft2)	6,642.58	6,618.61	6,610.54	6,610.41	6,614.81	6,622.06	6,631.20	6,641.66	6,739.75	6,739.75
WETTED SUR.	(ft2)	7,850.59	7,911.92	7,989.37	8,074.99	8,165.37	8,258.82	8,354.39	8,451.51	8,636.49	8,736.49
MAX. BEAM	(ft)	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00
LENGTH W.L.	(ft)	126.36	126.82	127.27	127.73	128.18	128.64	129.09	129.55	130.00	130.00
Cb		0.9446	0.9463	0.9481	0.9498	0.9516	0.9533	0.9551	0.9568	0.9586	0.9602
Cm		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Cp		0.9446	0.9463	0.9481	0.9498	0.9516	0.9533	0.9551	0.9568	0.9586	0.9602
Cwp		0.9826	0.9791	0.9779	0.9779	0.9785	0.9796	0.9809	0.9825	0.9970	0.9970
Cit		0.9777	0.9742	0.9730	0.9730	0.9736	0.9747	0.9760	0.9776	0.9921	0.9921

HYDROSTATIC TABLES (cont.)  
130 X 52 X 8 BARGE

VBD DRAFT (ft)		6.00	6.25	6.50	6.75	7.00	7.25	7.50	7.75	8.00
DISP.MLD.	(LTons-SW)	1,114.35	1,162.48	1,210.62	1,258.75	1,306.88	1,355.01	1,403.15	1,451.28	1,499.43
DISP.TOTAL	(LTons-SW)	1,119.92	1,168.30	1,216.67	1,265.04	1,313.42	1,361.79	1,410.16	1,458.54	1,506.93
DISP.TOTAL	(LTons-FW)	1,092.61	1,139.80	1,186.99	1,234.19	1,281.38	1,328.57	1,375.77	1,422.96	1,470.18
LCB	(ft-PP)	67.26A	67.17A	67.08A	67.00A	66.93A	66.86A	66.79A	66.73A	66.68A
TCB	(ft-CL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KB	(ft)	3.04	3.17	3.30	3.42	3.55	3.68	3.81	3.93	4.06
BMT	(ft)	38.74	37.14	35.66	34.30	33.03	31.86	30.77	29.76	28.85
KMT	(ft)	41.78	40.31	38.96	37.72	36.58	35.54	34.57	33.69	32.90
BM1	(ft)	242.83	232.77	223.52	214.97	207.05	199.70	192.85	186.51	180.67
KM1	(ft)	245.87	235.94	226.82	218.40	210.61	203.38	196.65	190.44	184.73
TPI	(LTons)	16.04	16.04	16.04	16.04	16.04	16.04	16.04	16.05	16.05
MT1in	(ft-LTons)	173.46	173.46	173.46	173.46	173.46	173.46	173.46	173.51	173.65
CDT1in	(LTons)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LCF	(ft-PP)	65.00A	65.00A	65.00A	65.00A	65.00A	65.00A	65.00A	65.00A	65.00A
W.P. AREA	(ft2)	6,739.75	6,739.75	6,739.75	6,739.75	6,739.75	6,739.75	6,739.75	6,740.88	6,744.25
WBTTED SUR.	(ft2)	8,836.49	8,936.49	9,036.49	9,136.49	9,236.49	9,336.49	9,436.49	9,537.05	9,638.23
MAX. BEAM	(ft)	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00	52.00
LENGTH W.L.	(ft)	130.00	130.00	130.00	130.00	130.00	130.00	130.00	130.00	0.00
Cb		0.9618	0.9632	0.9645	0.9657	0.9668	0.9678	0.9688	0.9697	0.9706
Cm		1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000	1.0000
Cp		0.9618	0.9632	0.9645	0.9657	0.9668	0.9678	0.9688	0.9697	0.9706
Cwp		0.9970	0.9970	0.9970	0.9970	0.9970	0.9970	0.9970	0.9972	0.9977
Cit		0.9921	0.9921	0.9921	0.9921	0.9921	0.9921	0.9921	0.9926	0.9940