



INSPECTORATE

BARGE "HSM-3215" HARDIN ST. MARINE

OUTAGE TABLE

1 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T085

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.	
0	4,870.11	0	4,556.22	0	4,226.34	0	3,895.38	0	3,564.42	0	3,233.46	0	2,902.50	0	2,571.54	0	2,240.58	0	1,909.62	0	1,578.66	0	1,247.78	0	916.98	0	586.17	0	255.35		
1/4	4,866.24	1/4	4,549.35	1/4	4,219.45	1/4	3,888.49	1/4	3,557.53	1/4	3,226.57	1/4	2,895.61	1/4	2,564.65	1/4	2,233.69	1/4	1,902.73	1/4	1,571.77	1/4	1,240.89	1/4	910.09	1/4	579.28	1/4	248.46		
1/2	4,862.37	1/2	4,542.49	1/2	4,212.55	1/2	3,881.59	1/2	3,550.63	1/2	3,219.67	1/2	2,888.71	1/2	2,557.75	1/2	2,226.79	1/2	1,895.83	1/2	1,564.87	1/2	1,234.00	1/2	903.20	1/2	572.38	1/2	241.57		
3/4	4,857.31	3/4	4,535.63	3/4	4,205.66	3/4	3,874.70	3/4	3,543.74	3/4	3,212.78	3/4	2,881.82	3/4	2,550.86	3/4	2,219.90	3/4	1,888.94	3/4	1,557.98	3/4	1,227.11	3/4	896.31	3/4	565.49	3/4	234.68		
1	4,852.24	1	4,528.76	1	4,198.76	1	3,867.80	1	3,536.84	1	3,205.88	1	2,874.92	1	2,543.96	1	2,213.00	1	1,882.04	1	1,551.08	1	1,220.22	1	889.42	1	558.60	1	227.78		
1/4	4,847.18	1/4	4,521.90	1/4	4,191.87	1/4	3,860.91	1/4	3,529.95	1/4	3,198.99	1/4	2,868.03	1/4	2,537.07	1/4	2,206.11	1/4	1,875.15	1/4	1,544.19	1/4	1,213.32	1/4	882.52	1/4	551.71	1/4	220.89		
1/2	4,842.11	1/2	4,515.03	1/2	4,184.97	1/2	3,854.01	1/2	3,523.05	1/2	3,192.09	1/2	2,861.13	1/2	2,530.17	1/2	2,199.21	1/2	1,868.25	1/2	1,537.29	1/2	1,206.43	1/2	875.63	1/2	544.82	1/2	214.00		
3/4	4,835.85	3/4	4,508.17	3/4	4,178.08	3/4	3,847.12	3/4	3,516.16	3/4	3,185.20	3/4	2,854.24	3/4	2,523.28	3/4	2,192.32	3/4	1,861.36	3/4	1,530.40	3/4	1,199.54	3/4	868.74	3/4	537.92	3/4	207.11		
2	4,829.58	2	4,501.31	2	4,171.18	2	3,840.22	2	3,509.26	2	3,178.30	2	2,847.34	2	2,516.38	2	2,185.42	2	1,854.46	2	1,523.50	2	1,192.65	2	861.85	2	531.03	2	200.22		
1/4	4,823.32	1/4	4,494.44	1/4	4,164.29	1/4	3,833.33	1/4	3,502.37	1/4	3,171.41	1/4	2,840.45	1/4	2,509.49	1/4	2,178.53	1/4	1,847.57	1/4	1,516.61	1/4	1,185.76	1/4	854.96	1/4	524.14	1/4	193.32		
1/2	4,817.05	1/2	4,487.58	1/2	4,157.39	1/2	3,826.43	1/2	3,495.47	1/2	3,164.51	1/2	2,833.55	1/2	2,502.59	1/2	2,171.63	1/2	1,840.67	1/2	1,509.71	1/2	1,178.87	1/2	848.06	1/2	517.25	1/2	186.43		
3/4	4,810.19	3/4	4,480.71	3/4	4,150.50	3/4	3,819.54	3/4	3,488.58	3/4	3,157.62	3/4	2,826.66	3/4	2,495.70	3/4	2,164.74	3/4	1,833.78	3/4	1,502.82	3/4	1,171.98	3/4	841.17	3/4	510.36	3/4	179.54		
3	4,803.32	3	4,473.85	3	4,143.60	3	3,812.64	3	3,481.68	3	3,150.72	3	2,819.76	3	2,488.80	3	2,157.84	3	1,826.88	3	1,495.92	3	1,165.09	3	834.28	3	503.46	3	172.65		
1/4	4,796.46	1/4	4,466.99	1/4	4,136.71	1/4	3,805.75	1/4	3,474.79	1/4	3,143.83	1/4	2,812.87	1/4	2,481.91	1/4	2,150.95	1/4	1,819.99	1/4	1,489.03	1/4	1,158.20	1/4	827.39	1/4	496.57	1/4	165.76		
1/2	4,789.59	1/2	4,460.12	1/2	4,129.81	1/2	3,798.85	1/2	3,467.89	1/2	3,136.93	1/2	2,805.97	1/2	2,475.01	1/2	2,144.05	1/2	1,813.09	1/2	1,482.13	1/2	1,151.31	1/2	820.50	1/2	489.68	1/2	158.86		
3/4	4,782.73	3/4	4,453.26	3/4	4,122.92	3/4	3,791.96	3/4	3,461.00	3/4	3,130.04	3/4	2,799.08	3/4	2,468.12	3/4	2,137.16	3/4	1,806.20	3/4	1,475.24	3/4	1,144.41	3/4	813.60	3/4	482.79	3/4	151.97		
4	4,775.87	4	4,446.39	4	4,116.02	4	3,785.06	4	3,454.10	4	3,123.14	4	2,792.18	4	2,461.22	4	2,130.26	4	1,799.30	4	1,468.34	4	1,137.52	4	806.71	4	475.90	4	145.08		
1/4	4,769.00	1/4	4,439.53	1/4	4,109.13	1/4	3,778.17	1/4	3,447.21	1/4	3,116.25	1/4	2,785.29	1/4	2,454.33	1/4	2,123.37	1/4	1,792.41	1/4	1,461.45	1/4	1,130.63	1/4	799.82	1/4	469.00	1/4	138.19		
1/2	4,762.14	1/2	4,432.67	1/2	4,102.23	1/2	3,771.27	1/2	3,440.31	1/2	3,109.35	1/2	2,778.39	1/2	2,447.43	1/2	2,116.47	1/2	1,785.51	1/2	1,454.55	1/2	1,123.74	1/2	792.93	1/2	462.11	1/2	131.30		
3/4	4,755.27	3/4	4,425.80	3/4	4,095.34	3/4	3,764.38	3/4	3,433.42	3/4	3,102.46	3/4	2,771.50	3/4	2,440.54	3/4	2,109.58	3/4	1,778.62	3/4	1,447.66	3/4	1,116.85	3/4	786.04	3/4	455.22	3/4	124.40		
5	4,748.41	5	4,418.94	5	4,088.44	5	3,757.48	5	3,426.52	5	3,095.56	5	2,764.60	5	2,433.64	5	2,102.68	5	1,771.72	5	1,440.76	5	1,109.96	5	779.14	5	448.33	5	117.51		
1/4	4,741.55	1/4	4,412.07	1/4	4,081.55	1/4	3,750.59	1/4	3,419.63	1/4	3,088.67	1/4	2,757.71	1/4	2,426.75	1/4	2,095.79	1/4	1,764.83	1/4	1,433.87	1/4	1,103.07	1/4	772.25	1/4	441.44	1/4	110.62		
1/2	4,734.68	1/2	4,405.21	1/2	4,074.65	1/2	3,743.69	1/2	3,412.73	1/2	3,081.77	1/2	2,750.81	1/2	2,419.85	1/2	2,088.89	1/2	1,757.93	1/2	1,426.97	1/2	1,096.18	1/2	765.36	1/2	434.54	1/2	103.73		
3/4	4,727.82	3/4	4,398.35	3/4	4,067.76	3/4	3,736.80	3/4	3,405.84	3/4	3,074.88	3/4	2,743.92	3/4	2,412.96	3/4	2,082.00	3/4	1,751.04	3/4	1,420.08	3/4	1,089.28	3/4	758.47	3/4	427.65	3/4	96.84		
6	4,720.95	6	4,391.48	6	4,060.86	6	3,729.90	6	3,398.94	6	3,067.98	6	2,737.02	6	2,406.06	6	2,075.10	6	1,744.14	6	1,413.18	6	1,082.39	6	751.58	6	420.76	6	89.94		
1/4	4,714.09	1/4	4,384.62	1/4	4,053.97	1/4	3,723.01	1/4	3,392.05	1/4	3,061.09	1/4	2,730.13	1/4	2,399.17	1/4	2,064.21	1/4	1,737.25	1/4	1,406.29	1/4	1,075.50	1/4	744.68	1/4	413.87	1/4	83.05		
1/2	4,707.23	1/2	4,377.75	1/2	4,047.07	1/2	3,716.11	1/2	3,385.15	1/2	3,054.19	1/2	2,723.23	1/2	2,392.27	1/2	2,061.31	1/2	1,730.35	1/2	1,399.39	1/2	1,068.61	1/2	737.79	1/2	406.98	1/2	76.16		
3/4	4,700.36	3/4	4,370.89	3/4	4,040.18	3/4	3,709.22	3/4	3,378.26	3/4	3,047.30	3/4	2,716.34	3/4	2,385.38	3/4	2,054.42	3/4	1,723.46	3/4	1,392.50	3/4	1,061.72	3/4	730.90	3/4	400.08	3/4	69.27		
7	4,693.50	7	4,364.03	7	4,033.28	7	3,702.32	7	3,371.36	7	3,040.40	7	2,709.44	7	2,378.48	7	2,047.52	7	1,716.56	7	1,385.60	7	1,054.82	7	724.01	7	393.19	7	62.38		
1/4	4,686.63	1/4	4,357.16	1/4	4,026.39	1/4	3,695.43	1/4	3,364.47	1/4	3,033.51	1/4	2,702.55	1/4	2,371.59	1/4	2,040.63	1/4	1,709.67	1/4	1,378.71	1/4	1,047.93	1/4	717.12	1/4	386.30	1/4	55.48		
1/2	4,679.77	1/2	4,350.30	1/2	4,019.49	1/2	3,688.53	1/2	3,357.57	1/2	3,026.61	1/2	2,695.65	1/2	2,364.69	1/2	2,033.73	1/2	1,702.77	1/2	1,371.82	1/2	1,041.04	1/2	710.22	1/2	379.41	1/2	49.45		
3/4	4,672.91	3/4	4,343.43	3/4	4,012.60	3/4	3,681.64	3/4	3,350.68	3/4	3,019.72	3/4	2,688.76	3/4	2,357.80	3/4	2,026.84	3/4	1,695.88	3/4	1,364.93	3/4	1,034.15	3/4	703.33	3/4	372.52	3/4	43.42		
8	4,666.04	8	4,336.57	8	4,005.70	8	3,674.74	8	3,343.78	8	3,012.82	8	2,681.86	8	2,350.90	8	2,019.94	8	1,688.98	8	1,358.04	8	1,027.26	8	696.44	8	365.62	8	37.39		
1/4	4,659.18	1/4	4,329.71	1/4	3,998.81	1/4	3,667.85	1/4	3,336.89	1/4	3,005.93	1/4	2,674.97	1/4	2,344.01	1/4	2,013.05	1/4	1,682.09	1/4	1,351.14	1/4	1,020.36	1/4	689.55	1/4	358.73	1/4	31.36		
1/2	4,652.31	1/2	4,322.84	1/2	3,991.91	1/2	3,660.95	1/2	3,329.99	1/2	2,999.03	1/2	2,668.07	1/2	2,337.11	1/2	2,006.15	1/2	1,675.19	1/2	1,344.25	1/2	1,013.47	1/2	682.66	1/2	351.84	1/2	27.05		
3/4	4,895.66	3/4	4,645.45	3/4	4,315.98	3/4	3,985.02	3/4	3,654.06	3/4	3,323.10	3/4	2,992.14	3/4	2,661.18	3/4	2,330.22	3/4	1,999.26	3/4	1,668.30	3/4	1,337.36	3/4	675.76	3/4	344.95	3/4	22.74		
9	4,895.24	9	4,638.59	9	4,309.08	9	3,978.12	9	3,647.16	9	3,316.20	9	2,985.24	9	2,654.28	9	2,323.32	9	1,992.36	9	1,661.40	9	1,330.47	9	999.69	9	668.87	9	338.06	9	18.44
1/4	4,894.82	1/4	4,631.72	1/4	4,302.19	1/4	3,971.23	1/4	3,640.27	1/4	3,309.31	1/4	2,978.35	1/4	2,647.39	1/4	2,316.43	1/4	1,985.47	1/4	1,654.51	1/4	1,323.58	1/4	992.80	1/4	661.98	1/4	331.16	1/4	* 14.13



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OUTAGE TABLE

2 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T085

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.	
0	0	5,443.43	0	5,089.06	0	4,720.08	0	4,349.80	0	3,979.53	0	3,609.26	0	3,238.99	0	2,868.72	0	2,498.44	0	2,128.17	0	1,757.90	0	1,387.77	0	1,017.80	0	647.82	0	277.84	
1/4	1/4	5,439.10	1/4	5,081.38	1/4	4,712.36	1/4	4,342.09	1/4	3,971.82	1/4	3,601.55	1/4	3,231.27	1/4	2,861.00	1/4	2,490.73	1/4	2,120.46	1/4	1,750.19	1/4	1,380.06	1/4	1,010.10	1/4	640.11	1/4	270.13	
1/2	1/2	5,433.44	1/2	5,073.70	1/2	4,704.65	1/2	4,334.38	1/2	3,964.10	1/2	3,593.83	1/2	3,223.56	1/2	2,853.29	1/2	2,483.02	1/2	2,112.74	1/2	1,742.47	1/2	1,372.35	1/2	1,002.39	1/2	632.40	1/2	262.42	
3/4	3/4	5,427.77	3/4	5,066.03	3/4	4,696.93	3/4	4,326.66	3/4	3,956.39	3/4	3,586.12	3/4	3,215.85	3/4	2,845.57	3/4	2,475.30	3/4	2,105.03	3/4	1,734.76	3/4	1,364.65	3/4	994.68	3/4	624.70	3/4	254.71	
1	1	5,422.11	1	5,058.35	1	4,689.22	1	4,318.95	1	3,948.68	1	3,578.40	1	3,208.13	1	2,837.86	1	2,467.59	1	2,097.32	1	1,727.04	1	1,356.94	1	986.97	1	616.99	1	247.00	
1/4	1/4	5,416.44	1/4	5,050.68	1/4	4,681.51	1/4	4,311.23	1/4	3,940.96	1/4	3,570.69	1/4	3,200.42	1/4	2,830.15	1/4	2,459.87	1/4	2,089.60	1/4	1,719.33	1/4	1,349.23	1/4	979.26	1/4	609.28	1/4	239.30	
1/2	1/2	5,409.44	1/2	5,043.00	1/2	4,673.79	1/2	4,303.52	1/2	3,933.25	1/2	3,562.98	1/2	3,192.70	1/2	2,822.43	1/2	2,452.16	1/2	2,081.89	1/2	1,711.62	1/2	1,341.53	1/2	971.56	1/2	601.57	1/2	231.59	
3/4	3/4	5,402.43	3/4	5,035.32	3/4	4,666.08	3/4	4,295.81	3/4	3,925.53	3/4	3,555.26	3/4	3,184.99	3/4	2,814.72	3/4	2,444.45	3/4	2,074.17	3/4	1,703.90	3/4	1,333.82	3/4	963.85	3/4	593.86	3/4	223.88	
2	2	5,395.43	2	5,027.65	2	4,658.36	2	4,288.09	2	3,917.82	2	3,547.55	2	3,177.28	2	2,807.00	2	2,436.73	2	2,066.46	2	1,696.19	2	1,326.11	2	956.14	2	586.16	2	216.17	
1/4	1/4	5,388.42	1/4	5,019.97	1/4	4,650.65	1/4	4,280.38	1/4	3,910.11	1/4	3,539.83	1/4	3,169.56	1/4	2,799.29	1/4	2,429.02	1/4	2,058.75	1/4	1,688.47	1/4	1,318.40	1/4	948.43	1/4	578.45	1/4	208.46	
1/2	1/2	5,380.74	1/2	5,012.30	1/2	4,642.94	1/2	4,272.66	1/2	3,902.39	1/2	3,532.12	1/2	3,161.85	1/2	2,791.58	1/2	2,421.30	1/2	2,051.03	1/2	1,680.76	1/2	1,310.70	1/2	940.72	1/2	570.74	1/2	200.76	
3/4	3/4	5,373.07	3/4	5,004.62	3/4	4,635.22	3/4	4,264.95	3/4	3,894.68	3/4	3,524.41	3/4	3,154.13	3/4	2,783.86	3/4	2,413.59	3/4	2,043.32	3/4	1,673.05	3/4	1,302.99	3/4	933.02	3/4	563.03	3/4	193.05	
3	3	5,365.39	3	4,996.94	3	4,627.51	3	4,257.24	3	3,886.96	3	3,516.69	3	3,146.42	3	2,776.15	3	2,405.88	3	2,035.60	3	1,665.33	3	1,295.28	3	925.31	3	555.32	3	185.34	
1/4	1/4	5,357.72	1/4	4,989.27	1/4	4,619.79	1/4	4,249.52	1/4	3,879.25	1/4	3,508.98	1/4	3,138.71	1/4	2,768.43	1/4	2,398.16	1/4	2,027.89	1/4	1,657.62	1/4	1,287.58	1/4	917.60	1/4	547.62	1/4	177.63	
1/2	1/2	5,350.04	1/2	4,981.59	1/2	4,612.08	1/2	4,241.81	1/2	3,871.54	1/2	3,501.26	1/2	3,130.99	1/2	2,760.72	1/2	2,390.45	1/2	2,020.18	1/2	1,649.90	1/2	1,279.87	1/2	909.89	1/2	539.91	1/2	169.92	
3/4	3/4	5,342.36	3/4	4,973.92	3/4	4,604.37	3/4	4,234.09	3/4	3,863.82	3/4	3,493.55	3/4	3,123.28	3/4	2,753.01	3/4	2,382.73	3/4	2,012.46	3/4	1,642.19	3/4	1,272.16	3/4	902.18	3/4	532.20	3/4	162.22	
4	4	5,334.69	4	4,966.24	4	4,596.65	4	4,226.38	4	3,856.11	4	3,485.84	4	3,115.56	4	2,745.29	4	2,375.02	4	2,004.75	4	1,634.48	4	1,264.46	4	894.48	4	524.49	4	154.51	
1/4	1/4	5,327.01	1/4	4,958.56	1/4	4,588.94	1/4	4,218.67	1/4	3,848.39	1/4	3,478.12	1/4	3,107.85	1/4	2,737.58	1/4	2,367.31	1/4	1,997.03	1/4	1,626.76	1/4	1,256.75	1/4	886.77	1/4	516.78	1/4	146.80	
1/2	1/2	5,319.34	1/2	4,950.89	1/2	4,581.22	1/2	4,210.95	1/2	3,840.68	1/2	3,470.41	1/2	3,100.14	1/2	2,729.86	1/2	2,359.59	1/2	1,989.32	1/2	1,619.05	1/2	1,249.04	1/2	879.06	1/2	509.08	1/2	139.09	
3/4	3/4	5,311.66	3/4	4,943.21	3/4	4,573.51	3/4	4,203.24	3/4	3,832.97	3/4	3,462.69	3/4	3,092.42	3/4	2,722.15	3/4	2,351.88	3/4	1,981.61	3/4	1,611.33	3/4	1,241.33	3/4	871.35	3/4	501.37	3/4	131.38	
5	5	5,303.98	5	4,935.54	5	4,565.80	5	4,195.52	5	3,825.25	5	3,454.98	5	3,084.71	5	2,714.44	5	2,344.16	5	1,973.89	5	1,603.62	5	1,233.63	5	863.64	5	493.66	5	123.68	
1/4	1/4	5,296.31	1/4	4,927.86	1/4	4,558.08	1/4	4,187.81	1/4	3,817.54	1/4	3,447.27	1/4	3,076.99	1/4	2,706.72	1/4	2,336.45	1/4	1,966.18	1/4	1,595.91	1/4	1,225.92	1/4	855.94	1/4	485.95	1/4	115.97	
1/2	1/2	5,288.63	1/2	4,920.18	1/2	4,550.37	1/2	4,180.10	1/2	3,809.82	1/2	3,439.55	1/2	3,069.28	1/2	2,699.01	1/2	2,326.17	1/2	1,958.46	1/2	1,588.19	1/2	1,218.21	1/2	848.23	1/2	478.24	1/2	108.26	
3/4	3/4	5,280.96	3/4	4,912.51	3/4	4,542.65	3/4	4,172.38	3/4	3,802.11	3/4	3,431.84	3/4	3,061.57	3/4	2,691.29	3/4	2,321.02	3/4	1,950.75	3/4	1,580.48	3/4	1,210.50	3/4	840.52	3/4	470.54	3/4	100.55	
6	6	5,273.28	6	4,904.83	6	4,534.94	6	4,164.67	6	3,794.40	6	3,424.12	6	3,053.85	6	2,683.58	6	2,313.31	6	1,943.04	6	1,572.76	6	1,202.80	6	832.81	6	462.83	6	92.84	
1/4	1/4	5,265.60	1/4	4,897.16	1/4	4,527.23	1/4	4,156.95	1/4	3,786.68	1/4	3,416.41	1/4	3,046.14	1/4	2,675.87	1/4	2,305.59	1/4	1,935.32	1/4	1,565.05	1/4	1,195.09	1/4	825.10	1/4	455.05	1/4	85.14	
1/2	1/2	5,257.93	1/2	4,889.48	1/2	4,519.51	1/2	4,149.24	1/2	3,778.97	1/2	3,408.70	1/2	3,038.42	1/2	2,668.15	1/2	2,297.88	1/2	1,927.61	1/2	1,557.34	1/2	1,187.38	1/2	817.40	1/2	447.41	1/2	77.43	
3/4	3/4	5,250.25	3/4	4,881.80	3/4	4,511.80	3/4	4,141.53	3/4	3,771.25	3/4	3,400.98	3/4	3,030.71	3/4	2,660.44	3/4	2,290.17	3/4	1,919.89	3/4	1,549.62	3/4	1,179.67	3/4	809.69	3/4	439.70	3/4	69.72	
7	7	5,242.58	7	4,874.13	7	4,504.08	7	4,133.81	7	3,763.54	7	3,393.27	7	3,023.00	7	2,652.72	7	2,282.45	7	1,912.18	7	1,541.91	7	1,171.96	7	801.98	7	432.00	7	62.01	
1/4	1/4	5,234.90	1/4	4,866.45	1/4	4,496.37	1/4	4,126.10	1/4	3,755.83	1/4	3,385.55	1/4	3,015.28	1/4	2,645.01	1/4	2,274.74	1/4	1,904.47	1/4	1,534.20	1/4	1,164.26	1/4	794.27	1/4	424.29	1/4	55.27	
1/2	1/2	5,227.22	1/2	4,858.78	1/2	4,488.66	1/2	4,118.38	1/2	3,748.11	1/2	3,377.84	1/2	3,007.57	1/2	2,637.30	1/2	2,267.02	1/2	1,896.75	1/2	1,526.49	1/2	1,156.55	1/2	786.56	1/2	416.58	1/2	48.52	
3/4	3/4	5,219.55	3/4	4,851.10	3/4	4,480.94	3/4	4,110.67	3/4	3,740.40	3/4	3,370.13	3/4	2,999.85	3/4	2,629.58	3/4	2,259.31	3/4	1,889.04	3/4	1,518.79	3/4	1,148.84	3/4	778.86	3/4	408.87	3/4	41.78	
8	8	5,211.87	8	4,843.42	8	4,473.23	8	4,102.96	8	3,732.68	8	3,362.41	8	2,992.14	8	2,621.87	8	2,251.60	8	1,881.32	8	1,511.08	8	1,141.13	8	771.15	8	401.16	8	35.03	
1/4	1/4	5,204.20	1/4	4,835.75	1/4	4,465.51	1/4	4,095.24	1/4	3,724.97	1/4	3,354.70	1/4	2,984.43	1/4	2,614.15	1/4	2,243.88	1/4	1,873.61	1/4	1,503.37	1/4	1,133.42	1/4	763.44	1/4	393.46	1/4	30.21	
1/2	1/2	5,196.52	1/2	4,828.07	1/2	4,457.80	1/2	4,087.53	1/2	3,717.26	1/2	3,346.98	1/2	2,976.71	1/2	2,606.44	1/2	2,236.17	1/2	1,865.90	1/2	1,495.67	1/2	1,125.72	1/2	755.73	1/2	385.75	1/2	25.40	
3/4	3/4	5,188.84	3/4	4,820.36	3/4	4,450.09	3/4	4,079.81	3/4	3,709.54	3/4	3,339.27	3/4	2,969.00	3/4	2,598.73	3/4	2,228.45	3/4	1,858.18	3/4	1,487.96	3/4	1,118.01	3/4	748.02	3/4	378.04	3/4	20.58	
9	9	5,175.39	9	4,812.64	9	4,442.37	9	4,072.10	9	3,701.83	9	3,331.56	9	2,961.28	9	2,591.01	9	2,220.74	9	1,850.47	9	1,480.25	9	1,110.30	9	740.32	9	370.33	9	* 15.76	
1/4	1/4	5,173.92	1/4	4,804.93	1/4	4,434.66	1																								



INSPECTORATE

BARGE "HSM-3215" HARDIN ST. MARINE

OUTAGE TABLE

2 STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T085

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.	
0	0	5,447.75	0	5,096.73	0	4,727.79	0	4,357.52	0	3,987.25	0	3,616.97	0	3,246.70	0	2,876.43	0	2,506.16	0	2,135.89	0	1,765.61	0	1,395.47	0	1,025.51	0	655.53	0	285.54	
1/4	1/4	5,443.43	1/4	5,089.06	1/4	4,720.08	1/4	4,349.80	1/4	3,979.53	1/4	3,609.26	1/4	3,238.99	1/4	2,868.72	1/4	2,498.44	1/4	2,128.17	1/4	1,757.90	1/4	1,387.77	1/4	1,017.80	1/4	647.82	1/4	277.84	
1/2	1/2	5,439.10	1/2	5,081.38	1/2	4,712.36	1/2	4,342.09	1/2	3,971.82	1/2	3,601.55	1/2	3,231.27	1/2	2,861.00	1/2	2,490.73	1/2	2,120.46	1/2	1,750.19	1/2	1,380.06	1/2	1,010.10	1/2	640.11	1/2	270.13	
3/4	3/4	5,433.44	3/4	5,073.70	3/4	4,704.65	3/4	4,334.38	3/4	3,964.10	3/4	3,593.83	3/4	3,223.56	3/4	2,853.29	3/4	2,483.02	3/4	2,112.74	3/4	1,742.47	3/4	1,372.35	3/4	1,002.39	3/4	632.40	3/4	262.42	
1	1	5,427.77	1	5,066.03	1	4,696.93	1	4,326.66	1	3,956.39	1	3,586.12	1	3,215.85	1	2,845.57	1	2,475.30	1	2,105.03	1	1,734.76	1	1,364.65	1	994.68	1	624.70	1	254.71	
1/4	1/4	5,422.11	1/4	5,058.35	1/4	4,689.22	1/4	4,318.95	1/4	3,948.68	1/4	3,578.40	1/4	3,208.13	1/4	2,837.86	1/4	2,467.59	1/4	2,097.32	1/4	1,727.04	1/4	1,356.94	1/4	986.97	1/4	616.99	1/4	247.00	
1/2	1/2	5,416.44	1/2	5,050.68	1/2	4,681.51	1/2	4,311.23	1/2	3,940.96	1/2	3,570.69	1/2	3,200.42	1/2	2,830.15	1/2	2,459.87	1/2	2,089.60	1/2	1,719.33	1/2	1,349.23	1/2	979.26	1/2	609.28	1/2	239.30	
3/4	3/4	5,409.44	3/4	5,043.00	3/4	4,673.79	3/4	4,303.52	3/4	3,933.25	3/4	3,562.98	3/4	3,192.70	3/4	2,822.43	3/4	2,452.16	3/4	2,081.89	3/4	1,711.62	3/4	1,341.53	3/4	971.56	3/4	601.57	3/4	231.59	
2	2	5,402.43	2	5,035.32	2	4,666.08	2	4,295.81	2	3,925.53	2	3,555.26	2	3,184.99	2	2,814.72	2	2,444.45	2	2,074.17	2	1,703.90	2	1,333.82	2	963.85	2	593.86	2	223.88	
1/4	1/4	5,395.43	1/4	5,027.65	1/4	4,658.36	1/4	4,288.09	1/4	3,917.82	1/4	3,547.55	1/4	3,177.28	1/4	2,807.00	1/4	2,436.73	1/4	2,066.46	1/4	1,696.19	1/4	1,326.11	1/4	956.14	1/4	586.16	1/4	216.17	
1/2	1/2	5,388.42	1/2	5,019.97	1/2	4,650.65	1/2	4,280.38	1/2	3,910.11	1/2	3,539.83	1/2	3,169.56	1/2	2,799.29	1/2	2,429.02	1/2	2,058.75	1/2	1,688.47	1/2	1,318.40	1/2	948.43	1/2	578.45	1/2	208.46	
3/4	3/4	5,380.74	3/4	5,012.30	3/4	4,642.94	3/4	4,272.66	3/4	3,902.39	3/4	3,532.12	3/4	3,161.85	3/4	2,791.58	3/4	2,421.30	3/4	2,051.03	3/4	1,680.76	3/4	1,310.70	3/4	940.72	3/4	570.74	3/4	200.76	
3	3	5,373.07	3	5,004.62	3	4,635.22	3	4,264.95	3	3,894.68	3	3,524.41	3	3,154.13	3	2,783.86	3	2,413.59	3	2,043.32	3	1,673.05	3	1,302.99	3	933.02	3	563.03	3	193.05	
1/4	1/4	5,365.39	1/4	4,996.94	1/4	4,627.51	1/4	4,257.24	1/4	3,886.96	1/4	3,516.69	1/4	3,146.42	1/4	2,776.15	1/4	2,405.88	1/4	2,035.60	1/4	1,665.33	1/4	1,295.28	1/4	925.31	1/4	555.32	1/4	185.34	
1/2	1/2	5,357.72	1/2	4,989.27	1/2	4,619.79	1/2	4,249.52	1/2	3,879.25	1/2	3,508.98	1/2	3,138.71	1/2	2,768.43	1/2	2,398.16	1/2	2,027.89	1/2	1,657.62	1/2	1,287.58	1/2	917.60	1/2	547.62	1/2	177.63	
3/4	3/4	5,350.04	3/4	4,981.59	3/4	4,612.08	3/4	4,241.81	3/4	3,871.54	3/4	3,501.26	3/4	3,130.99	3/4	2,760.72	3/4	2,390.45	3/4	2,020.18	3/4	1,649.90	3/4	1,279.87	3/4	909.89	3/4	539.91	3/4	169.92	
4	4	5,342.36	4	4,973.92	4	4,604.37	4	4,234.09	4	3,863.82	4	3,493.55	4	3,123.28	4	2,753.01	4	2,382.73	4	2,012.46	4	1,642.19	4	1,272.16	4	902.18	4	532.20	4	162.22	
1/4	1/4	5,334.69	1/4	4,966.24	1/4	4,596.65	1/4	4,226.38	1/4	3,856.11	1/4	3,485.84	1/4	3,115.56	1/4	2,745.29	1/4	2,375.02	1/4	2,004.75	1/4	1,634.48	1/4	1,264.46	1/4	894.48	1/4	524.49	1/4	154.51	
1/2	1/2	5,327.01	1/2	4,958.56	1/2	4,588.94	1/2	4,218.67	1/2	3,848.39	1/2	3,478.12	1/2	3,107.85	1/2	2,737.58	1/2	2,367.31	1/2	1,997.03	1/2	1,626.76	1/2	1,256.75	1/2	886.77	1/2	516.78	1/2	146.80	
3/4	3/4	5,319.34	3/4	4,950.89	3/4	4,581.22	3/4	4,210.95	3/4	3,840.68	3/4	3,470.41	3/4	3,100.14	3/4	2,729.86	3/4	2,359.59	3/4	1,989.32	3/4	1,619.05	3/4	1,249.04	3/4	879.06	3/4	509.08	3/4	139.09	
5	5	5,311.66	5	4,943.21	5	4,573.51	5	4,203.24	5	3,832.97	5	3,462.69	5	3,092.42	5	2,722.15	5	2,351.88	5	1,981.61	5	1,611.33	5	1,241.33	5	871.35	5	501.37	5	131.38	
1/4	1/4	5,303.98	1/4	4,935.54	1/4	4,565.80	1/4	4,195.52	1/4	3,825.25	1/4	3,454.98	1/4	3,084.71	1/4	2,714.44	1/4	2,344.16	1/4	1,973.89	1/4	1,603.62	1/4	1,233.63	1/4	863.64	1/4	493.66	1/4	123.68	
1/2	1/2	5,296.31	1/2	4,927.86	1/2	4,558.08	1/2	4,187.81	1/2	3,817.54	1/2	3,447.27	1/2	3,076.99	1/2	2,706.72	1/2	2,336.45	1/2	1,966.18	1/2	1,595.91	1/2	1,225.92	1/2	855.94	1/2	485.95	1/2	115.97	
3/4	3/4	5,288.63	3/4	4,920.18	3/4	4,550.37	3/4	4,180.10	3/4	3,809.82	3/4	3,439.55	3/4	3,069.28	3/4	2,699.01	3/4	2,328.74	3/4	1,958.46	3/4	1,588.19	3/4	1,218.21	3/4	848.23	3/4	478.24	3/4	108.26	
6	6	5,280.96	6	4,912.51	6	4,542.65	6	4,172.38	6	3,802.11	6	3,431.84	6	3,061.57	6	2,691.29	6	2,321.02	6	1,950.75	6	1,580.48	6	1,210.50	6	840.52	6	470.54	6	100.55	
1/4	1/4	5,273.28	1/4	4,904.83	1/4	4,534.94	1/4	4,164.67	1/4	3,794.40	1/4	3,424.12	1/4	3,053.85	1/4	2,683.58	1/4	2,313.31	1/4	1,943.04	1/4	1,572.76	1/4	1,202.80	1/4	832.81	1/4	462.83	1/4	92.84	
1/2	1/2	5,265.60	1/2	4,897.16	1/2	4,527.23	1/2	4,156.95	1/2	3,786.68	1/2	3,416.41	1/2	3,046.14	1/2	2,675.87	1/2	2,305.59	1/2	1,935.32	1/2	1,565.05	1/2	1,195.09	1/2	825.10	1/2	455.12	1/2	85.14	
3/4	3/4	5,257.93	3/4	4,889.48	3/4	4,519.51	3/4	4,149.24	3/4	3,778.97	3/4	3,408.70	3/4	3,038.42	3/4	2,668.15	3/4	2,297.88	3/4	1,927.61	3/4	1,557.34	3/4	1,187.38	3/4	817.40	3/4	447.41	3/4	77.43	
7	7	5,250.25	7	4,881.80	7	4,511.80	7	4,141.53	7	3,771.25	7	3,400.98	7	3,030.71	7	2,660.44	7	2,290.17	7	1,919.89	7	1,549.62	7	1,179.67	7	809.69	7	439.70	7	69.72	
1/4	1/4	5,242.58	1/4	4,874.13	1/4	4,504.08	1/4	4,133.81	1/4	3,763.54	1/4	3,393.27	1/4	3,023.00	1/4	2,652.72	1/4	2,282.45	1/4	1,912.18	1/4	1,541.91	1/4	1,171.96	1/4	801.98	1/4	432.00	1/4	62.01	
1/2	1/2	5,234.90	1/2	4,866.45	1/2	4,496.37	1/2	4,126.10	1/2	3,755.83	1/2	3,385.55	1/2	3,015.28	1/2	2,645.01	1/2	2,274.74	1/2	1,904.47	1/2	1,534.20	1/2	1,164.26	1/2	794.27	1/2	424.29	1/2	55.27	
3/4	3/4	5,227.22	3/4	4,858.78	3/4	4,488.66	3/4	4,118.38	3/4	3,748.11	3/4	3,377.84	3/4	3,007.57	3/4	2,637.30	3/4	2,267.02	3/4	1,896.75	3/4	1,526.49	3/4	1,156.55	3/4	786.56	3/4	416.58	3/4	48.52	
8	8	5,219.55	8	4,851.10	8	4,480.94	8	4,110.67	8	3,740.40	8	3,370.13	8	2,999.85	8	2,629.58	8	2,259.31	8	1,889.04	8	1,518.79	8	1,148.84	8	778.86	8	408.87	8	41.78	
1/4	1/4	5,211.87	1/4	4,843.42	1/4	4,473.23	1/4	4,102.96	1/4	3,732.68	1/4	3,362.41	1/4	2,992.14	1/4	2,621.87	1/4	2,251.60	1/4	1,881.32	1/4	1,511.08	1/4	1,141.13	1/4	771.15	1/4	401.16	1/4	35.03	
1/2	1/2	5,204.20	1/2	4,835.75	1/2	4,465.51	1/2	4,095.24	1/2	3,724.97	1/2	3,354.70	1/2	2,984.43	1/2	2,614.15	1/2	2,243.88	1/2	1,873.61	1/2	1,503.37	1/2	1,133.42	1/2	763.44	1/2	393.46	1/2	30.21	
3/4	3/4	5,196.52	3/4	4,828.07	3/4	4,457.80	3/4	4,087.53	3/4	3,717.26	3/4	3,346.98	3/4	2,976.71	3/4	2,606.44	3/4	2,236.17	3/4	1,865.90	3/4	1,495.67	3/4	1,125.72	3/4	755.73	3/4	385.75	3/4	25.40	
9	9	5,188.84	9	4,820.36	9	4,450.09	9	4,079.81	9	3,709.54	9	3,339.27	9	2,969.00	9	2,598.73	9	2,228.45	9	1,858.18	9	1,487.96	9	1,118.01	9	748.02	9	378.04	9	20.58	
1/4	1/4	5,181.17	1/4	4,812.64	1/4	4,442.37																									



INSPECTORATE

BARGE "HSM-3215" HARDIN ST. MARINE

OUTAGE TABLE

3 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T085

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.	
0	0	4,866.89	0	4,621.90	0	4,364.30	0	4,105.58	0	3,846.86	0	3,587.99	0	3,242.04	0	2,869.70	0	2,497.37	0	2,125.03	0	1,752.70	0	1,382.66	0	1,016.10	0	649.53	0	282.95	
1/4	1/4	4,863.87	1/4	4,616.54	1/4	4,358.91	1/4	4,100.19	1/4	3,841.47	1/4	3,582.46	1/4	3,234.28	1/4	2,861.95	1/4	2,489.61	1/4	2,117.28	1/4	1,744.94	1/4	1,375.02	1/4	1,008.47	1/4	641.89	1/4	275.32	
1/2	1/2	4,860.86	1/2	4,611.19	1/2	4,353.52	1/2	4,094.80	1/2	3,836.08	1/2	3,576.92	1/2	3,226.53	1/2	2,854.19	1/2	2,481.85	1/2	2,109.52	1/2	1,737.18	1/2	1,367.39	1/2	1,000.83	1/2	634.25	1/2	267.68	
3/4	3/4	4,856.91	3/4	4,605.83	3/4	4,348.13	3/4	4,089.41	3/4	3,830.69	3/4	3,571.04	3/4	3,218.77	3/4	2,846.43	3/4	2,474.10	3/4	2,101.76	3/4	1,729.43	3/4	1,359.75	3/4	993.19	3/4	626.62	3/4	260.04	
1	1	4,852.96	1	4,600.47	1	4,342.74	1	4,084.02	1	3,825.30	1	3,565.17	1	3,211.01	1	2,838.68	1	2,466.34	1	2,094.00	1	1,721.67	1	1,352.12	1	985.56	1	618.98	1	252.40	
1/4	1/4	4,849.01	1/4	4,595.11	1/4	4,337.35	1/4	4,078.63	1/4	3,819.91	1/4	3,559.29	1/4	3,203.26	1/4	2,830.92	1/4	2,458.58	1/4	2,086.25	1/4	1,713.91	1/4	1,344.48	1/4	977.92	1/4	611.34	1/4	244.77	
1/2	1/2	4,845.06	1/2	4,589.75	1/2	4,331.96	1/2	4,073.24	1/2	3,814.52	1/2	3,553.41	1/2	3,195.50	1/2	2,823.16	1/2	2,450.83	1/2	2,078.49	1/2	1,706.15	1/2	1,336.84	1/2	970.28	1/2	603.71	1/2	237.13	
3/4	3/4	4,840.17	3/4	4,584.39	3/4	4,326.57	3/4	4,067.85	3/4	3,809.13	3/4	3,547.14	3/4	3,187.74	3/4	2,815.41	3/4	2,443.07	3/4	2,070.73	3/4	1,698.40	3/4	1,329.21	3/4	962.65	3/4	596.07	3/4	229.49	
2	2	4,835.28	2	4,579.04	2	4,321.18	2	4,062.46	2	3,803.74	2	3,540.87	2	3,179.98	2	2,807.65	2	2,435.31	2	2,062.98	2	1,690.64	2	1,321.57	2	955.01	2	588.43	2	221.86	
1/4	1/4	4,830.39	1/4	4,573.68	1/4	4,315.79	1/4	4,057.07	1/4	3,798.35	1/4	3,534.60	1/4	3,172.23	1/4	2,799.89	1/4	2,427.56	1/4	2,055.22	1/4	1,682.88	1/4	1,313.94	1/4	947.37	1/4	580.80	1/4	214.22	
1/2	1/2	4,825.51	1/2	4,568.32	1/2	4,310.40	1/2	4,051.68	1/2	3,792.96	1/2	3,528.33	1/2	3,164.47	1/2	2,792.13	1/2	2,419.80	1/2	2,047.46	1/2	1,675.13	1/2	1,306.30	1/2	939.73	1/2	573.16	1/2	206.58	
3/4	3/4	4,820.15	3/4	4,562.96	3/4	4,305.01	3/4	4,046.29	3/4	3,787.57	3/4	3,521.67	3/4	3,156.71	3/4	2,784.38	3/4	2,412.04	3/4	2,039.71	3/4	1,667.37	3/4	1,298.66	3/4	932.10	3/4	565.52	3/4	198.95	
3	3	4,814.79	3	4,557.60	3	4,299.62	3	4,040.90	3	3,782.18	3	3,515.01	3	3,148.96	3	2,776.62	3	2,404.28	3	2,031.95	3	1,659.61	3	1,291.03	3	924.46	3	557.88	3	191.31	
1/4	1/4	4,809.43	1/4	4,552.25	1/4	4,294.23	1/4	4,035.51	1/4	3,776.79	1/4	3,508.35	1/4	3,141.20	1/4	2,768.86	1/4	2,396.53	1/4	2,024.19	1/4	1,651.86	1/4	1,283.39	1/4	916.82	1/4	550.25	1/4	183.67	
1/2	1/2	4,804.07	1/2	4,546.89	1/2	4,288.84	1/2	4,030.12	1/2	3,771.40	1/2	3,501.69	1/2	3,133.44	1/2	2,761.11	1/2	2,388.77	1/2	2,016.43	1/2	1,644.10	1/2	1,275.76	1/2	909.19	1/2	542.61	1/2	176.03	
3/4	3/4	4,798.72	3/4	4,541.53	3/4	4,283.45	3/4	4,024.73	3/4	3,766.01	3/4	3,494.64	3/4	3,125.69	3/4	2,753.35	3/4	2,381.01	3/4	2,008.68	3/4	1,636.34	3/4	1,268.12	3/4	901.55	3/4	534.97	3/4	168.40	
4	4	4,793.36	4	4,536.17	4	4,278.06	4	4,019.34	4	3,760.62	4	3,487.59	4	3,117.93	4	2,745.59	4	2,373.26	4	2,000.92	4	1,628.58	4	1,260.48	4	893.91	4	527.34	4	160.76	
1/4	1/4	4,788.00	1/4	4,530.81	1/4	4,272.67	1/4	4,013.95	1/4	3,755.23	1/4	3,480.54	1/4	3,110.17	1/4	2,737.84	1/4	2,365.50	1/4	1,993.16	1/4	1,620.83	1/4	1,252.85	1/4	886.28	1/4	519.70	1/4	153.12	
1/2	1/2	4,782.64	1/2	4,525.46	1/2	4,267.28	1/2	4,008.56	1/2	3,749.84	1/2	3,473.49	1/2	3,102.41	1/2	2,730.08	1/2	2,357.74	1/2	1,985.41	1/2	1,613.07	1/2	1,245.21	1/2	878.64	1/2	512.06	1/2	145.49	
3/4	3/4	4,777.28	3/4	4,520.10	3/4	4,261.89	3/4	4,003.17	3/4	3,744.45	3/4	3,466.05	3/4	3,094.66	3/4	2,722.32	3/4	2,349.99	3/4	1,977.65	3/4	1,605.31	3/4	1,237.58	3/4	871.00	3/4	504.43	3/4	137.85	
5	5	4,771.93	5	4,514.74	5	4,256.50	5	3,997.78	5	3,739.06	5	3,458.61	5	3,086.90	5	2,714.56	5	2,342.23	5	1,969.89	5	1,597.56	5	1,229.94	5	863.36	5	496.79	5	130.21	
1/4	1/4	4,766.57	1/4	4,509.38	1/4	4,251.11	1/4	3,992.39	1/4	3,733.67	1/4	3,451.14	1/4	3,079.14	1/4	2,706.81	1/4	2,334.47	1/4	1,962.14	1/4	1,589.80	1/4	1,222.30	1/4	855.73	1/4	489.15	1/4	122.58	
1/2	1/2	4,761.21	1/2	4,504.02	1/2	4,245.72	1/2	3,987.00	1/2	3,728.28	1/2	3,443.72	1/2	3,071.39	1/2	2,699.05	1/2	2,326.71	1/2	1,954.38	1/2	1,582.04	1/2	1,214.67	1/2	848.09	1/2	481.51	1/2	114.94	
3/4	3/4	4,755.85	3/4	4,498.67	3/4	4,240.33	3/4	3,981.61	3/4	3,722.89	3/4	3,435.97	3/4	3,063.63	3/4	2,691.29	3/4	2,318.96	3/4	1,946.62	3/4	1,574.29	3/4	1,207.03	3/4	840.45	3/4	473.88	3/4	107.30	
6	6	4,750.49	6	4,493.31	6	4,234.94	6	3,976.22	6	3,717.50	6	3,428.21	6	3,055.87	6	2,683.54	6	2,311.20	6	1,938.86	6	1,566.53	6	1,199.39	6	832.82	6	466.24	6	99.66	
1/4	1/4	4,745.14	1/4	4,487.95	1/4	4,229.55	1/4	3,970.83	1/4	3,712.11	1/4	3,420.45	1/4	3,048.12	1/4	2,675.78	1/4	2,303.44	1/4	1,931.11	1/4	1,558.77	1/4	1,191.76	1/4	825.18	1/4	458.60	1/4	92.03	
1/2	1/2	4,739.78	1/2	4,482.59	1/2	4,224.16	1/2	3,965.44	1/2	3,706.72	1/2	3,412.69	1/2	3,040.36	1/2	2,668.02	1/2	2,295.69	1/2	1,923.35	1/2	1,551.01	1/2	1,184.12	1/2	817.54	1/2	450.97	1/2	84.39	
3/4	3/4	4,734.42	3/4	4,477.23	3/4	4,218.77	3/4	3,960.05	3/4	3,701.33	3/4	3,404.94	3/4	3,032.60	3/4	2,660.27	3/4	2,287.93	3/4	1,915.59	3/4	1,543.26	3/4	1,176.48	3/4	809.91	3/4	443.33	3/4	76.75	
7	7	4,729.06	7	4,471.88	7	4,213.38	7	3,954.66	7	3,695.94	7	3,397.18	7	3,024.84	7	2,652.51	7	2,280.17	7	1,907.84	7	1,535.50	7	1,168.84	7	802.27	7	435.69	7	69.12	
1/4	1/4	4,723.70	1/4	4,466.52	1/4	4,207.99	1/4	3,949.27	1/4	3,690.55	1/4	3,389.42	1/4	3,017.09	1/4	2,644.75	1/4	2,272.42	1/4	1,900.08	1/4	1,527.74	1/4	1,161.21	1/4	794.63	1/4	428.06	1/4	61.48	
1/2	1/2	4,718.35	1/2	4,461.16	1/2	4,202.60	1/2	3,943.88	1/2	3,685.16	1/2	3,381.67	1/2	3,009.33	1/2	2,636.99	1/2	2,264.66	1/2	1,892.32	1/2	1,520.11	1/2	1,153.57	1/2	786.92	1/2	420.42	1/2	54.79	
3/4	3/4	4,712.99	3/4	4,455.80	3/4	4,197.21	3/4	3,938.49	3/4	3,679.77	3/4	3,373.91	3/4	3,001.57	3/4	2,629.24	3/4	2,256.90	3/4	1,884.57	3/4	1,512.47	3/4	1,145.93	3/4	779.36	3/4	412.78	3/4	48.11	
8	8	4,707.63	8	4,450.44	8	4,191.82	8	3,933.10	8	3,674.38	8	3,366.15	8	2,993.82	8	2,621.48	8	2,249.14	8	1,876.81	8	1,504.84	8	1,138.30	8	771.72	8	405.14	8	41.42	
1/4	1/4	4,702.27	1/4	4,445.09	1/4	4,186.43	1/4	3,927.71	1/4	3,668.99	1/4	3,358.40	1/4	2,986.06	1/4	2,613.72	1/4	2,241.39	1/4	1,869.05	1/4	1,497.20	1/4	1,130.66	1/4	764.08	1/4	397.51	1/4	34.73	
1/2	1/2	4,696.91	1/2	4,439.73	1/2	4,181.04	1/2	3,922.32	1/2	3,663.60	1/2	3,350.64	1/2	2,978.30	1/2	2,605.97	1/2	2,233.63	1/2	1,861.29	1/2	1,489.56	1/2	1,123.02	1/2	756.45	1/2	389.87	1/2	29.95	
3/4	3/4	4,886.69	3/4	4,691.56	3/4	4,434.37	3/4	4,175.65	3/4	3,916.93	3/4	3,658.21	3/4	3,342.88	3/4	2,970.55	3/4	2,598.21	3/4	2,225.87	3/4	1,853.54	3/4	1,481.93	3/4	748.81	3/4	382.23	3/4	25.18	
9	9	4,886.38	9	4,686.20	9	4,428.98	9	4,170.26	9	3,911.54	9	3,652.82	9	3,335.12	9	2,962.79	9	2,590.45	9	2,218.12	9	1,845.78	9	1,474.29	9	741.17	9	374.60	9	20.40	
1/4	1/4	4,886.06	1/4	4,680.84	1/4	4,423.59																									



INSPECTORATE

BARGE "HSM-3215" HARDIN ST. MARINE

OUTAGE TABLE

1 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T085

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0	0	4,734.68	0	4,405.21	0	4,074.65	0	3,743.69	0	3,412.73	0	3,081.77	0	2,750.81	0	2,419.85	0	2,088.89	0	1,757.93	0	1,426.97	0	1,096.18	0	765.36	0	434.54	0	103.73	
1/4	1/4	4,727.82	1/4	4,398.35	1/4	4,067.76	1/4	3,736.80	1/4	3,405.84	1/4	3,074.88	1/4	2,743.92	1/4	2,412.96	1/4	2,082.00	1/4	1,751.04	1/4	1,420.08	1/4	1,089.28	1/4	758.47	1/4	427.65	1/4	96.84	
1/2	1/2	4,720.95	1/2	4,391.48	1/2	4,060.86	1/2	3,729.90	1/2	3,398.94	1/2	3,067.98	1/2	2,737.02	1/2	2,406.06	1/2	2,075.10	1/2	1,744.14	1/2	1,413.18	1/2	1,082.39	1/2	751.58	1/2	420.76	1/2	89.94	
3/4	3/4	4,714.09	3/4	4,384.62	3/4	4,053.97	3/4	3,723.01	3/4	3,392.05	3/4	3,061.09	3/4	2,730.13	3/4	2,399.17	3/4	2,068.21	3/4	1,737.25	3/4	1,406.29	3/4	1,075.50	3/4	744.68	3/4	413.87	3/4	83.05	
1	1	4,707.23	1	4,377.75	1	4,047.07	1	3,716.11	1	3,385.15	1	3,054.19	1	2,723.23	1	2,392.27	1	2,061.31	1	1,730.35	1	1,399.39	1	1,068.61	1	737.79	1	406.98	1	76.16	
1/4	1/4	4,700.36	1/4	4,370.89	1/4	4,040.18	1/4	3,709.22	1/4	3,378.26	1/4	3,047.30	1/4	2,716.34	1/4	2,385.38	1/4	2,054.42	1/4	1,723.46	1/4	1,392.50	1/4	1,061.72	1/4	730.90	1/4	400.08	1/4	69.27	
1/2	1/2	4,693.50	1/2	4,364.03	1/2	4,033.28	1/2	3,702.32	1/2	3,371.36	1/2	3,040.40	1/2	2,709.44	1/2	2,378.48	1/2	2,047.52	1/2	1,716.56	1/2	1,385.60	1/2	1,054.82	1/2	724.01	1/2	393.19	1/2	62.38	
3/4	3/4	4,686.63	3/4	4,357.16	3/4	4,026.39	3/4	3,695.43	3/4	3,364.47	3/4	3,033.51	3/4	2,702.55	3/4	2,371.59	3/4	2,040.63	3/4	1,709.67	3/4	1,378.71	3/4	1,047.93	3/4	717.12	3/4	386.30	3/4	55.48	
2	2	4,679.77	2	4,350.30	2	4,019.49	2	3,688.53	2	3,357.57	2	3,026.61	2	2,695.65	2	2,364.69	2	2,033.73	2	1,702.77	2	1,371.82	2	1,041.04	2	710.22	2	379.41	2	49.45	
1/4	1/4	4,672.91	1/4	4,343.43	1/4	4,012.60	1/4	3,681.64	1/4	3,350.68	1/4	3,019.72	1/4	2,688.76	1/4	2,357.80	1/4	2,026.84	1/4	1,695.88	1/4	1,364.93	1/4	1,034.15	1/4	703.33	1/4	372.52	1/4	43.42	
1/2	1/2	4,666.04	1/2	4,336.57	1/2	4,005.70	1/2	3,674.74	1/2	3,343.78	1/2	3,012.82	1/2	2,681.86	1/2	2,350.90	1/2	2,019.94	1/2	1,688.98	1/2	1,358.04	1/2	1,027.26	1/2	696.44	1/2	365.62	1/2	37.39	
3/4	3/4	4,659.18	3/4	4,329.71	3/4	3,998.81	3/4	3,667.85	3/4	3,336.89	3/4	3,005.93	3/4	2,674.97	3/4	2,344.01	3/4	2,013.05	3/4	1,682.09	3/4	1,351.14	3/4	1,020.36	3/4	689.55	3/4	358.73	3/4	31.36	
3	3	4,652.31	3	4,322.84	3	3,991.91	3	3,660.95	3	3,329.99	3	2,999.03	3	2,668.07	3	2,337.11	3	2,006.15	3	1,675.19	3	1,344.25	3	1,013.47	3	682.66	3	351.84	3	27.05	
1/4	1/4	4,895.66	1/4	4,645.45	1/4	4,315.98	1/4	3,985.02	1/4	3,654.06	1/4	3,323.10	1/4	2,992.14	1/4	2,661.18	1/4	1,999.26	1/4	1,668.30	1/4	1,337.36	1/4	1,006.58	1/4	675.76	1/4	344.95	1/4	22.74	
1/2	1/2	4,895.24	1/2	4,638.59	1/2	4,309.08	1/2	3,978.12	1/2	3,647.16	1/2	3,316.20	1/2	2,985.24	1/2	2,654.28	1/2	1,992.36	1/2	1,661.40	1/2	1,330.47	1/2	999.69	1/2	668.87	1/2	338.06	1/2	18.44	
3/4	3/4	4,894.82	3/4	4,631.72	3/4	4,302.19	3/4	3,971.23	3/4	3,640.27	3/4	3,309.31	3/4	2,978.35	3/4	2,647.39	3/4	1,985.47	3/4	1,654.51	3/4	1,323.58	3/4	992.80	3/4	661.98	3/4	331.16	3/4	* 14.13	
4	4	4,894.39	4	4,624.86	4	4,295.29	4	3,964.33	4	3,633.37	4	3,302.41	4	2,971.45	4	2,640.49	4	2,309.53	4	1,978.57	4	1,647.61	4	1,316.69	4	985.90	4	655.09	4	324.27	
1/4	1/4	4,892.92	1/4	4,617.99	1/4	4,288.40	1/4	3,957.44	1/4	3,626.48	1/4	3,295.52	1/4	2,964.56	1/4	2,633.60	1/4	1,971.68	1/4	1,640.72	1/4	1,316.69	1/4	979.01	1/4	648.20	1/4	317.38	1/4		
1/2	1/2	4,891.45	1/2	4,611.13	1/2	4,281.50	1/2	3,950.54	1/2	3,619.58	1/2	3,288.62	1/2	2,957.66	1/2	2,626.70	1/2	1,967.78	1/2	1,636.82	1/2	1,302.91	1/2	972.12	1/2	641.30	1/2	310.49	1/2		
3/4	3/4	4,889.98	3/4	4,604.27	3/4	4,274.61	3/4	3,943.65	3/4	3,612.69	3/4	3,281.73	3/4	2,950.77	3/4	2,619.81	3/4	1,957.89	3/4	1,626.93	3/4	1,296.02	3/4	965.23	3/4	634.41	3/4	303.60	3/4		
5	5	4,888.51	5	4,597.40	5	4,267.71	5	3,936.75	5	3,605.79	5	3,274.83	5	2,943.87	5	2,612.91	5	2,281.95	5	1,950.99	5	1,620.03	5	1,289.13	5	958.34	5	627.52	5	296.70	
1/4	1/4	4,885.85	1/4	4,590.54	1/4	4,260.82	1/4	3,929.86	1/4	3,598.90	1/4	3,267.94	1/4	2,936.98	1/4	2,606.02	1/4	1,944.10	1/4	1,613.14	1/4	1,282.23	1/4	951.44	1/4	620.63	1/4	289.81	1/4		
1/2	1/2	4,883.18	1/2	4,583.67	1/2	4,253.92	1/2	3,922.96	1/2	3,592.00	1/2	3,261.04	1/2	2,930.08	1/2	2,599.12	1/2	1,937.20	1/2	1,606.24	1/2	1,275.34	1/2	944.55	1/2	613.74	1/2	282.92	1/2		
3/4	3/4	4,880.51	3/4	4,576.81	3/4	4,247.03	3/4	3,916.07	3/4	3,585.11	3/4	3,254.15	3/4	2,923.19	3/4	2,592.23	3/4	1,930.31	3/4	1,599.35	3/4	1,268.45	3/4	937.66	3/4	606.84	3/4	276.03	3/4		
6	6	4,877.84	6	4,569.95	6	4,240.13	6	3,909.17	6	3,578.21	6	3,247.25	6	2,916.29	6	2,585.33	6	2,254.37	6	1,923.41	6	1,592.45	6	1,261.56	6	930.77	6	599.95	6	269.14	
1/4	1/4	4,873.98	1/4	4,563.08	1/4	4,233.24	1/4	3,902.28	1/4	3,571.32	1/4	3,240.36	1/4	2,909.40	1/4	2,578.44	1/4	1,916.52	1/4	1,585.56	1/4	1,254.67	1/4	923.88	1/4	593.06	1/4	264.24	1/4		
1/2	1/2	4,870.11	1/2	4,556.22	1/2	4,226.34	1/2	3,895.38	1/2	3,564.42	1/2	3,233.46	1/2	2,902.50	1/2	2,571.54	1/2	1,909.62	1/2	1,578.66	1/2	1,247.78	1/2	916.98	1/2	586.17	1/2	255.35	1/2		
3/4	3/4	4,866.24	3/4	4,549.35	3/4	4,219.45	3/4	3,888.49	3/4	3,557.53	3/4	3,226.57	3/4	2,895.61	3/4	2,564.65	3/4	1,902.73	3/4	1,571.77	3/4	1,240.89	3/4	910.09	3/4	579.28	3/4	248.46	3/4		
7	7	4,862.37	7	4,542.49	7	4,212.55	7	3,881.59	7	3,550.63	7	3,219.67	7	2,888.71	7	2,557.75	7	2,226.79	7	1,895.83	7	1,564.87	7	1,234.00	7	903.20	7	572.38	7	241.57	
1/4	1/4	4,857.31	1/4	4,535.63	1/4	4,205.66	1/4	3,874.70	1/4	3,543.74	1/4	3,212.78	1/4	2,881.82	1/4	2,550.86	1/4	1,888.94	1/4	1,557.98	1/4	1,227.11	1/4	896.31	1/4	565.49	1/4	234.68	1/4		
1/2	1/2	4,852.24	1/2	4,528.76	1/2	4,198.76	1/2	3,867.80	1/2	3,536.84	1/2	3,205.88	1/2	2,874.92	1/2	2,543.96	1/2	1,882.04	1/2	1,551.08	1/2	1,220.22	1/2	889.42	1/2	558.60	1/2	227.78	1/2		
3/4	3/4	4,847.18	3/4	4,521.90	3/4	4,191.87	3/4	3,860.91	3/4	3,529.95	3/4	3,198.99	3/4	2,868.03	3/4	2,537.07	3/4	1,875.15	3/4	1,544.19	3/4	1,213.32	3/4	882.52	3/4	551.71	3/4	220.89	3/4		
8	8	4,842.11	8	4,515.03	8	4,184.97	8	3,854.01	8	3,523.05	8	3,192.09	8	2,861.13	8	2,530.17	8	2,199.21	8	1,868.25	8	1,537.29	8	1,206.43	8	875.63	8	544.82	8	214.00	
1/4	1/4	4,835.85	1/4	4,508.17	1/4	4,178.08	1/4	3,847.12	1/4	3,516.16	1/4	3,185.20	1/4	2,854.24	1/4	2,523.28	1/4	1,861.36	1/4												



INSPECTORATE

BARGE "HSM-3215" HARDIN ST. MARINE

OUTAGE TABLE

2 PORT

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T085

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	5,288.63	0	4,920.18	0	4,550.37	0	4,180.10	0	3,809.82	0	3,439.55	0	3,069.28	0	2,699.01	0	2,328.74	0	1,958.46	0	1,588.19	0	1,218.21	0	848.23	0	478.24	0	108.26		
1/4	1/4	1/4	5,280.96	1/4	4,912.51	1/4	4,542.65	1/4	4,172.38	1/4	3,802.11	1/4	3,431.84	1/4	3,061.57	1/4	2,691.29	1/4	2,321.02	1/4	1,950.75	1/4	1,580.48	1/4	1,210.50	1/4	840.52	1/4	470.54	1/4	100.55		
1/2	1/2	1/2	5,273.28	1/2	4,904.83	1/2	4,534.94	1/2	4,164.67	1/2	3,794.40	1/2	3,424.12	1/2	3,053.85	1/2	2,683.58	1/2	2,313.31	1/2	1,943.04	1/2	1,572.76	1/2	1,202.80	1/2	832.81	1/2	462.83	1/2	92.84		
3/4	3/4	3/4	5,265.60	3/4	4,897.16	3/4	4,527.23	3/4	4,156.95	3/4	3,786.68	3/4	3,416.41	3/4	3,046.14	3/4	2,675.87	3/4	2,305.59	3/4	1,935.32	3/4	1,565.05	3/4	1,195.09	3/4	825.10	3/4	455.12	3/4	85.14		
1	1	1	5,257.93	1	4,889.48	1	4,519.51	1	4,149.24	1	3,778.97	1	3,408.70	1	3,038.42	1	2,668.15	1	2,297.88	1	1,927.61	1	1,557.34	1	1,187.38	1	817.40	1	447.41	1	77.43		
1/4	1/4	1/4	5,250.25	1/4	4,881.80	1/4	4,511.80	1/4	4,141.53	1/4	3,771.25	1/4	3,400.98	1/4	3,030.71	1/4	2,660.44	1/4	2,290.17	1/4	1,919.89	1/4	1,549.62	1/4	1,179.67	1/4	809.69	1/4	439.70	1/4	69.72		
1/2	1/2	1/2	5,242.58	1/2	4,874.13	1/2	4,504.08	1/2	4,133.81	1/2	3,763.54	1/2	3,393.27	1/2	3,023.00	1/2	2,652.72	1/2	2,282.45	1/2	1,912.18	1/2	1,541.91	1/2	1,171.96	1/2	801.98	1/2	432.00	1/2	62.01		
3/4	3/4	3/4	5,234.90	3/4	4,866.45	3/4	4,496.37	3/4	4,126.10	3/4	3,755.83	3/4	3,385.55	3/4	3,015.28	3/4	2,645.01	3/4	2,274.74	3/4	1,904.47	3/4	1,534.20	3/4	1,164.26	3/4	794.27	3/4	424.29	3/4	55.27		
2	2	2	5,227.22	2	4,858.78	2	4,488.66	2	4,118.38	2	3,748.11	2	3,377.84	2	3,007.57	2	2,637.30	2	2,267.02	2	1,896.75	2	1,526.49	2	1,156.55	2	786.56	2	416.58	2	48.52		
1/4	1/4	1/4	5,219.55	1/4	4,851.10	1/4	4,480.94	1/4	4,110.67	1/4	3,740.40	1/4	3,370.13	1/4	2,999.85	1/4	2,629.58	1/4	2,259.31	1/4	1,889.04	1/4	1,518.79	1/4	1,148.84	1/4	778.86	1/4	408.87	1/4	41.78		
1/2	1/2	1/2	5,211.87	1/2	4,843.42	1/2	4,473.23	1/2	4,102.96	1/2	3,732.68	1/2	3,362.41	1/2	2,992.14	1/2	2,621.87	1/2	2,251.60	1/2	1,881.32	1/2	1,511.08	1/2	1,141.13	1/2	771.15	1/2	401.16	1/2	35.03		
3/4	3/4	3/4	5,204.20	3/4	4,835.75	3/4	4,465.51	3/4	4,095.24	3/4	3,724.97	3/4	3,354.70	3/4	2,984.43	3/4	2,614.15	3/4	2,243.88	3/4	1,873.61	3/4	1,503.37	3/4	1,133.42	3/4	763.44	3/4	393.46	3/4	30.21		
3	5,476.33	3	5,196.52	3	4,828.07	3	4,457.80	3	4,087.53	3	3,717.26	3	3,346.98	3	2,976.71	3	2,606.44	3	2,236.17	3	1,865.90	3	1,495.67	3	1,125.72	3	755.73	3	385.75	3	385.75	3	25.40
1/4	5,475.86	1/4	5,188.84	1/4	4,820.36	1/4	4,450.09	1/4	4,079.81	1/4	3,709.54	1/4	3,339.27	1/4	2,969.00	1/4	2,598.73	1/4	2,228.45	1/4	1,858.18	1/4	1,487.96	1/4	1,118.01	1/4	748.02	1/4	378.04	1/4	378.04	1/4	20.58
1/2	5,475.39	1/2	5,181.17	1/2	4,812.64	1/2	4,442.37	1/2	4,072.10	1/2	3,701.83	1/2	3,331.56	1/2	2,961.28	1/2	2,591.01	1/2	2,220.74	1/2	1,850.47	1/2	1,480.25	1/2	1,110.30	1/2	740.32	1/2	370.33	1/2	370.33	1/2	15.76
3/4	5,474.92	3/4	5,173.49	3/4	4,804.93	3/4	4,434.66	3/4	4,064.39	3/4	3,694.11	3/4	3,323.84	3/4	2,953.57	3/4	2,583.30	3/4	2,213.03	3/4	1,842.75	3/4	1,472.54	3/4	1,102.59	3/4	732.61	3/4	362.62	3/4	362.62	3/4	
4	5,473.27	4	5,165.82	4	4,797.22	4	4,426.94	4	4,056.67	4	3,686.40	4	3,316.13	4	2,945.86	4	2,575.58	4	2,205.31	4	1,835.04	4	1,464.84	4	1,094.88	4	724.90	4	354.92	4	354.92	4	
1/4	5,471.63	1/4	5,158.14	1/4	4,789.50	1/4	4,419.23	1/4	4,048.96	1/4	3,678.69	1/4	3,308.41	1/4	2,938.14	1/4	2,567.87	1/4	2,197.60	1/4	1,827.33	1/4	1,457.13	1/4	1,087.18	1/4	717.19	1/4	347.21	1/4	347.21	1/4	
1/2	5,469.98	1/2	5,150.46	1/2	4,781.79	1/2	4,411.52	1/2	4,041.24	1/2	3,670.97	1/2	3,300.70	1/2	2,930.43	1/2	2,560.16	1/2	2,189.88	1/2	1,819.61	1/2	1,449.42	1/2	1,079.47	1/2	709.48	1/2	339.50	1/2	339.50	1/2	
3/4	5,468.34	3/4	5,142.79	3/4	4,774.07	3/4	4,403.80	3/4	4,033.53	3/4	3,663.26	3/4	3,292.99	3/4	2,922.71	3/4	2,552.44	3/4	2,182.17	3/4	1,811.90	3/4	1,441.72	3/4	1,071.76	3/4	701.78	3/4	331.79	3/4	331.79	3/4	
5	5,465.36	5	5,135.11	5	4,766.36	5	4,396.09	5	4,025.82	5	3,655.54	5	3,285.27	5	2,915.00	5	2,544.73	5	2,174.46	5	1,804.18	5	1,434.01	5	1,064.05	5	694.07	5	324.08	5	324.08	5	
1/4	5,462.37	1/4	5,127.44	1/4	4,758.65	1/4	4,388.37	1/4	4,018.10	1/4	3,647.83	1/4	3,277.56	1/4	2,907.29	1/4	2,537.01	1/4	2,166.74	1/4	1,796.47	1/4	1,426.30	1/4	1,056.34	1/4	686.36	1/4	316.38	1/4	316.38	1/4	
1/2	5,459.39	1/2	5,119.76	1/2	4,750.93	1/2	4,380.66	1/2	4,010.39	1/2	3,640.12	1/2	3,269.84	1/2	2,899.57	1/2	2,529.30	1/2	2,159.03	1/2	1,788.76	1/2	1,418.60	1/2	1,048.64	1/2	678.65	1/2	308.67	1/2	308.67	1/2	
3/4	5,456.40	3/4	5,112.08	3/4	4,743.22	3/4	4,372.95	3/4	4,002.67	3/4	3,632.40	3/4	3,262.13	3/4	2,891.86	3/4	2,521.59	3/4	2,151.31	3/4	1,781.04	3/4	1,410.89	3/4	1,040.93	3/4	670.94	3/4	300.96	3/4	300.96	3/4	
6	5,452.08	6	5,104.41	6	4,735.50	6	4,365.23	6	3,994.96	6	3,624.69	6	3,254.42	6	2,884.14	6	2,513.87	6	2,143.60	6	1,773.33	6	1,403.18	6	1,033.22	6	663.24	6	293.25	6	293.25	6	
1/4	5,447.75	1/4	5,096.73	1/4	4,727.79	1/4	4,357.52	1/4	3,987.25	1/4	3,616.97	1/4	3,246.70	1/4	2,876.43	1/4	2,506.16	1/4	2,135.89	1/4	1,765.61	1/4	1,395.47	1/4	1,025.51	1/4	655.53	1/4	285.54	1/4	285.54	1/4	
1/2	5,443.43	1/2	5,089.06	1/2	4,720.08	1/2	4,349.80	1/2	3,979.53	1/2	3,609.26	1/2	3,238.99	1/2	2,868.72	1/2	2,498.44	1/2	2,128.17	1/2	1,757.90	1/2	1,387.77	1/2	1,017.80	1/2	647.82	1/2	277.84	1/2	277.84	1/2	
3/4	5,439.10	3/4	5,081.38	3/4	4,712.36	3/4	4,342.09	3/4	3,971.82	3/4	3,601.55	3/4	3,231.27	3/4	2,861.00	3/4	2,490.73	3/4	2,120.46	3/4	1,750.19	3/4	1,380.06	3/4	1,010.10	3/4	640.11	3/4	270.13	3/4	270.13	3/4	
7	5,433.44	7	5,073.70	7	4,704.65	7	4,334.38	7	3,964.10	7	3,593.83	7	3,223.56	7	2,853.29	7	2,483.02	7	2,112.74	7	1,742.47	7	1,372.35	7	1,002.39	7	632.40	7	262.42	7	262.42	7	
1/4	5,427.77	1/4	5,066.03	1/4	4,696.93	1/4	4,326.66	1/4	3,956.39	1/4	3,586.12	1/4	3,215.85	1/4	2,845.57	1/4	2,475.30	1/4	2,105.03	1/4	1,734.76	1/4	1,364.65	1/4	994.68	1/4	624.70	1/4	254.71	1/4	254.71	1/4	
1/2	5,422.11	1/2	5,058.35	1/2	4,689.22	1/2	4,318.95	1/2	3,948.68	1/2	3,578.40	1/2	3,208.13	1/2	2,837.86	1/2	2,467.59	1/2	2,097.32	1/2	1,727.04	1/2	1,356.94	1/2	986.97	1/2	616.99	1/2	247.00	1/2	247.00	1/2	
3/4	5,416.44	3/4	5,050.68	3/4	4,681.51	3/4	4,311.23	3/4	3,940.96	3/4	3,570.69	3/4	3,200.42	3/4	2,830.15	3/4	2,459.87	3/4	2,089.60	3/4	1,719.33	3/4	1,349.23	3/4	979.26	3/4	609.28	3/4	239.30	3/4	239.30	3/4	
8	5,409.44	8	5,043.00	8	4,673.79	8	4,303.52	8	3,933.25	8	3,562.98	8	3,192.70	8	2,822.43	8	2,452.16	8	2,081.89	8	1,711.62	8	1,341.53										



BARGE "HSM-3215" HARDIN ST. MARINE

OUTAGE TABLE

2 STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T085

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	5,296.31	0	4,927.86	0	4,558.08	0	4,187.81	0	3,817.54	0	3,447.27	0	3,076.99	0	2,706.72	0	2,336.45	0	1,966.18	0	1,595.91	0	1,225.92	0	855.94	0	485.95	0	115.97
1/4		1/4	5,288.63	1/4	4,920.18	1/4	4,550.37	1/4	4,180.10	1/4	3,809.82	1/4	3,439.55	1/4	3,069.28	1/4	2,699.01	1/4	2,328.74	1/4	1,958.46	1/4	1,588.19	1/4	1,218.21	1/4	848.23	1/4	478.24	1/4	108.26
1/2		1/2	5,280.96	1/2	4,912.51	1/2	4,542.65	1/2	4,172.38	1/2	3,802.11	1/2	3,431.84	1/2	3,061.57	1/2	2,691.29	1/2	2,321.02	1/2	1,950.75	1/2	1,580.48	1/2	1,210.50	1/2	840.52	1/2	470.54	1/2	100.55
3/4		3/4	5,273.28	3/4	4,904.83	3/4	4,534.94	3/4	4,164.67	3/4	3,794.40	3/4	3,424.12	3/4	3,053.85	3/4	2,683.58	3/4	2,313.31	3/4	1,943.04	3/4	1,572.76	3/4	1,202.80	3/4	832.81	3/4	462.83	3/4	92.84
1		1	5,265.60	1	4,897.16	1	4,527.23	1	4,156.95	1	3,786.68	1	3,416.41	1	3,046.14	1	2,675.87	1	2,305.59	1	1,935.32	1	1,565.05	1	1,195.09	1	825.10	1	455.12	1	85.14
1/4		1/4	5,257.93	1/4	4,889.48	1/4	4,519.51	1/4	4,149.24	1/4	3,778.97	1/4	3,408.70	1/4	3,038.42	1/4	2,668.15	1/4	2,297.88	1/4	1,927.61	1/4	1,557.34	1/4	1,187.38	1/4	817.40	1/4	447.41	1/4	77.43
1/2		1/2	5,250.25	1/2	4,881.80	1/2	4,511.80	1/2	4,141.53	1/2	3,771.25	1/2	3,400.98	1/2	3,030.71	1/2	2,660.44	1/2	2,290.17	1/2	1,919.89	1/2	1,549.62	1/2	1,179.67	1/2	809.69	1/2	439.70	1/2	69.72
3/4		3/4	5,242.58	3/4	4,874.13	3/4	4,504.08	3/4	4,133.81	3/4	3,763.54	3/4	3,393.27	3/4	3,023.00	3/4	2,652.72	3/4	2,282.45	3/4	1,912.18	3/4	1,541.91	3/4	1,171.96	3/4	801.98	3/4	432.00	3/4	62.01
2		2	5,234.90	2	4,866.45	2	4,496.37	2	4,126.10	2	3,755.83	2	3,385.55	2	3,015.28	2	2,645.01	2	2,274.74	2	1,904.47	2	1,534.20	2	1,164.26	2	794.27	2	424.29	2	55.27
1/4		1/4	5,227.22	1/4	4,858.78	1/4	4,488.66	1/4	4,118.38	1/4	3,748.11	1/4	3,377.84	1/4	3,007.57	1/4	2,637.30	1/4	2,267.02	1/4	1,896.75	1/4	1,526.49	1/4	1,156.55	1/4	786.56	1/4	416.58	1/4	48.52
1/2		1/2	5,219.55	1/2	4,851.10	1/2	4,480.94	1/2	4,110.67	1/2	3,740.40	1/2	3,370.13	1/2	2,999.85	1/2	2,629.58	1/2	2,259.31	1/2	1,889.04	1/2	1,518.79	1/2	1,148.84	1/2	778.86	1/2	408.87	1/2	41.78
3/4		3/4	5,211.87	3/4	4,843.42	3/4	4,473.23	3/4	4,102.96	3/4	3,732.68	3/4	3,362.41	3/4	2,992.14	3/4	2,621.87	3/4	2,251.60	3/4	1,881.32	3/4	1,511.08	3/4	1,141.13	3/4	771.15	3/4	401.16	3/4	35.03
3		3	5,204.20	3	4,835.75	3	4,465.51	3	4,095.24	3	3,724.97	3	3,354.70	3	2,984.43	3	2,614.15	3	2,243.88	3	1,873.61	3	1,503.37	3	1,133.42	3	763.44	3	393.46	3	30.21
1/4	5,476.33	1/4	5,196.52	1/4	4,828.07	1/4	4,457.80	1/4	4,087.53	1/4	3,717.26	1/4	3,346.98	1/4	2,976.71	1/4	2,606.44	1/4	2,236.17	1/4	1,865.90	1/4	1,495.67	1/4	1,125.72	1/4	755.73	1/4	385.75	1/4	25.40
1/2	5,475.86	1/2	5,188.84	1/2	4,820.36	1/2	4,450.09	1/2	4,079.81	1/2	3,709.54	1/2	3,339.27	1/2	2,969.00	1/2	2,598.73	1/2	2,228.45	1/2	1,858.18	1/2	1,487.96	1/2	1,118.01	1/2	748.02	1/2	378.04	1/2	20.58
3/4	5,475.39	3/4	5,181.17	3/4	4,812.64	3/4	4,442.37	3/4	4,072.10	3/4	3,701.83	3/4	3,331.56	3/4	2,961.28	3/4	2,591.01	3/4	2,220.74	3/4	1,850.47	3/4	1,480.25	3/4	1,110.30	3/4	740.32	3/4	370.33	3/4	* 15.76
4	5,474.92	4	5,173.49	4	4,804.93	4	4,434.66	4	4,064.39	4	3,694.11	4	3,323.84	4	2,953.57	4	2,583.30	4	2,213.03	4	1,842.75	4	1,472.54	4	1,102.59	4	732.61	4	362.62	4	
1/4	5,473.27	1/4	5,165.82	1/4	4,797.22	1/4	4,426.94	1/4	4,056.67	1/4	3,686.40	1/4	3,316.13	1/4	2,945.86	1/4	2,575.58	1/4	2,205.31	1/4	1,835.04	1/4	1,464.84	1/4	1,094.88	1/4	724.90	1/4	354.92	1/4	
1/2	5,471.63	1/2	5,158.14	1/2	4,789.50	1/2	4,419.23	1/2	4,048.96	1/2	3,678.69	1/2	3,308.41	1/2	2,938.14	1/2	2,567.87	1/2	2,197.60	1/2	1,827.33	1/2	1,457.13	1/2	1,087.18	1/2	717.19	1/2	347.21	1/2	
3/4	5,469.98	3/4	5,150.46	3/4	4,781.79	3/4	4,411.52	3/4	4,041.24	3/4	3,670.97	3/4	3,300.70	3/4	2,930.43	3/4	2,560.16	3/4	2,189.88	3/4	1,819.61	3/4	1,449.42	3/4	1,079.47	3/4	709.48	3/4	339.50	3/4	
5	5,468.34	5	5,142.79	5	4,774.07	5	4,403.80	5	4,033.53	5	3,663.26	5	3,292.99	5	2,922.71	5	2,552.44	5	2,182.17	5	1,811.90	5	1,441.72	5	1,071.76	5	701.78	5	331.79	5	
1/4	5,465.36	1/4	5,135.11	1/4	4,766.36	1/4	4,396.09	1/4	4,025.82	1/4	3,655.54	1/4	3,285.27	1/4	2,915.00	1/4	2,544.73	1/4	2,174.46	1/4	1,804.18	1/4	1,434.01	1/4	1,064.05	1/4	694.07	1/4	324.08	1/4	
1/2	5,462.37	1/2	5,127.44	1/2	4,758.65	1/2	4,388.37	1/2	4,018.10	1/2	3,647.83	1/2	3,277.56	1/2	2,907.29	1/2	2,537.01	1/2	2,166.74	1/2	1,796.47	1/2	1,426.30	1/2	1,056.34	1/2	686.36	1/2	316.38	1/2	
3/4	5,459.39	3/4	5,119.76	3/4	4,750.93	3/4	4,380.66	3/4	4,010.39	3/4	3,640.12	3/4	3,269.84	3/4	2,899.57	3/4	2,529.30	3/4	2,159.03	3/4	1,788.76	3/4	1,418.60	3/4	1,048.64	3/4	678.65	3/4	308.67	3/4	
6	5,456.40	6	5,112.08	6	4,743.22	6	4,372.95	6	4,002.67	6	3,632.40	6	3,262.13	6	2,891.86	6	2,521.59	6	2,151.31	6	1,781.04	6	1,410.89	6	1,040.93	6	670.94	6	300.96	6	
1/4	5,452.08	1/4	5,104.41	1/4	4,735.50	1/4	4,365.23	1/4	3,994.96	1/4	3,624.69	1/4	3,254.42	1/4	2,884.14	1/4	2,513.87	1/4	2,143.60	1/4	1,773.33	1/4	1,403.18	1/4	1,033.22	1/4	663.24	1/4	293.25	1/4	
1/2	5,447.75	1/2	5,096.73	1/2	4,727.79	1/2	4,357.52	1/2	3,987.25	1/2	3,616.97	1/2	3,246.70	1/2	2,876.43	1/2	2,506.16	1/2	2,135.89	1/2	1,765.61	1/2	1,395.47	1/2	1,025.51	1/2	655.53	1/2	285.54	1/2	
3/4	5,443.43	3/4	5,089.06	3/4	4,720.08	3/4	4,349.80	3/4	3,979.53	3/4	3,609.26	3/4	3,238.99	3/4	2,868.72	3/4	2,498.44	3/4	2,128.17	3/4	1,757.90	3/4	1,387.77	3/4	1,017.80	3/4	647.82	3/4	277.84	3/4	
7	5,439.10	7	5,081.38	7	4,712.36	7	4,342.09	7	3,971.82	7	3,601.55	7	3,231.27	7	2,861.00	7	2,490.73	7	2,120.46	7	1,750.19	7	1,380.06	7	1,010.10	7	640.11	7	270.13	7	
1/4	5,433.44	1/4	5,073.70	1/4	4,704.65	1/4	4,334.38	1/4	3,964.10	1/4	3,593.83	1/4	3,223.56	1/4	2,853.29	1/4	2,483.02	1/4	2,112.74	1/4	1,742.47	1/4	1,372.35	1/4	1,002.39	1/4	632.40	1/4	262.42	1/4	
1/2	5,427.77	1/2	5,066.03	1/2	4,696.93	1/2	4,326.66	1/2	3,956.39	1/2	3,586.12	1/2	3,215.85	1/2	2,845.57	1/2	2,475.30	1/2	2,105.03	1/2	1,734.76	1/2	1,364.65	1/2	994.68	1/2	624.70	1/2	254.71	1/2	
3/4	5,422.11	3/4	5,058.35	3/4	4,689.22	3/4	4,318.95	3/4	3,948.68	3/4	3,578.40	3/4	3,208.13	3/4	2,837.86	3/4	2,467.59	3/4	2,097.32	3/4	1,727.04	3/4	1,356.94	3/4	986.97	3/4	616.99	3/4	247.00	3/4	
8	5,416.44	8	5,050.68	8	4,681.51	8	4,311.23	8	3,940.96	8	3,570.69	8	3,200.42	8	2,830.15	8	2,459.87	8	2,089.60	8	1,719.33	8	1,349.23	8	979.26	8	609.28	8	239.30	8	
1/4	5,409.44	1/4	5,043.00	1/4	4,673.79	1/4	4,303.52	1/4	3,933.25	1/4	3,562.98	1/4	3,192.70	1/4	2,822.43	1/4	2,452.16	1/4	2,081.89	1/4	1,711.62	1/4	1,341.53	1/4	971.56	1/4	601.57	1/4	231.59	1/4	
1/2	5,402.43	1/2	5,035.32	1/2	4,666.08	1/2	4,295.81	1/2	3,925.53	1/2	3,555.26	1/2	3,184.99	1/2	2,814.72	1/2	2,444.45	1/2	2,074.17	1/2	1,703.90	1/2	1,333.82	1/2	963.85	1/2	593.86	1/2	223.88	1/2	
3/4	5,395.43	3/4	5,027.65	3/4	4,658.36	3/4	4,288.09	3/4	3,917.82	3/4	3,547.55	3/4	3,177.28	3/4	2,807.00	3/4	2,436.73	3/4	2,066.46	3/4	1,696.19	3/4	1,326.11	3/4	956.						



INSPECTORATE

BARGE "HSM-3215" HARDIN ST. MARINE

OUTAGE TABLE

3 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. T085

2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0	4,761.21	0	4,504.02	0	4,245.72	0	3,987.00	0	3,728.28	0	3,443.72	0	3,071.39	0	2,699.05	0	2,326.71	0	1,954.38	0	1,582.04	0	1,214.67	0	848.09	0	481.51	0	114.94		
1/4		1/4	4,755.85	1/4	4,498.67	1/4	4,240.33	1/4	3,981.61	1/4	3,722.89	1/4	3,435.97	1/4	3,063.63	1/4	2,691.29	1/4	2,318.96	1/4	1,946.62	1/4	1,574.29	1/4	1,207.03	1/4	840.45	1/4	473.88	1/4	107.30		
1/2		1/2	4,750.49	1/2	4,493.31	1/2	4,234.94	1/2	3,976.22	1/2	3,717.50	1/2	3,428.21	1/2	3,055.87	1/2	2,683.54	1/2	2,311.20	1/2	1,938.86	1/2	1,566.53	1/2	1,199.39	1/2	832.82	1/2	466.24	1/2	99.66		
3/4		3/4	4,745.14	3/4	4,487.95	3/4	4,229.55	3/4	3,970.83	3/4	3,712.11	3/4	3,420.45	3/4	3,048.12	3/4	2,675.78	3/4	2,303.44	3/4	1,931.11	3/4	1,558.77	3/4	1,191.76	3/4	825.18	3/4	458.60	3/4	92.03		
1		1	4,739.78	1	4,482.59	1	4,224.16	1	3,965.44	1	3,706.72	1	3,412.69	1	3,040.36	1	2,668.02	1	2,295.69	1	1,923.35	1	1,551.01	1	1,184.12	1	817.54	1	450.97	1	84.39		
1/4		1/4	4,734.42	1/4	4,477.23	1/4	4,218.77	1/4	3,960.05	1/4	3,701.33	1/4	3,404.94	1/4	3,032.60	1/4	2,660.27	1/4	2,287.93	1/4	1,915.59	1/4	1,543.26	1/4	1,176.48	1/4	809.91	1/4	443.33	1/4	76.75		
1/2		1/2	4,729.06	1/2	4,471.88	1/2	4,213.38	1/2	3,954.66	1/2	3,695.94	1/2	3,397.18	1/2	3,024.84	1/2	2,652.51	1/2	2,280.17	1/2	1,907.84	1/2	1,535.50	1/2	1,168.84	1/2	802.27	1/2	435.69	1/2	69.12		
3/4		3/4	4,723.70	3/4	4,466.52	3/4	4,207.99	3/4	3,949.27	3/4	3,690.55	3/4	3,389.42	3/4	3,017.09	3/4	2,644.75	3/4	2,272.42	3/4	1,900.08	3/4	1,527.74	3/4	1,161.21	3/4	794.63	3/4	428.06	3/4	61.48		
2		2	4,718.35	2	4,461.16	2	4,202.60	2	3,943.88	2	3,685.16	2	3,381.67	2	3,009.33	2	2,636.99	2	2,264.66	2	1,892.32	2	1,520.11	2	1,153.57	2	786.99	2	420.42	2	54.79		
1/4		1/4	4,712.99	1/4	4,455.80	1/4	4,197.21	1/4	3,938.49	1/4	3,679.77	1/4	3,373.91	1/4	3,001.57	1/4	2,629.24	1/4	2,256.90	1/4	1,884.57	1/4	1,512.47	1/4	1,145.93	1/4	779.36	1/4	412.78	1/4	48.11		
1/2		1/2	4,707.63	1/2	4,450.44	1/2	4,191.82	1/2	3,933.10	1/2	3,674.38	1/2	3,366.15	1/2	2,993.82	1/2	2,621.48	1/2	2,249.14	1/2	1,876.81	1/2	1,504.84	1/2	1,138.30	1/2	771.72	1/2	405.14	1/2	41.42		
3/4		3/4	4,702.27	3/4	4,445.09	3/4	4,186.43	3/4	3,927.71	3/4	3,668.99	3/4	3,358.40	3/4	2,986.06	3/4	2,613.72	3/4	2,241.39	3/4	1,869.05	3/4	1,497.20	3/4	1,130.66	3/4	764.08	3/4	397.51	3/4	34.73		
3		3	4,696.91	3	4,439.73	3	4,181.04	3	3,922.32	3	3,663.60	3	3,350.64	3	2,978.30	3	2,605.97	3	2,233.63	3	1,861.29	3	1,489.56	3	1,123.02	3	756.45	3	389.87	3	29.95		
1/4	4,886.69	1/4	4,691.56	1/4	4,434.37	1/4	4,175.65	1/4	3,916.93	1/4	3,658.21	1/4	3,342.88	1/4	2,970.55	1/4	2,598.21	1/4	2,225.87	1/4	1,853.54	1/4	1,481.93	1/4	1,115.39	1/4	748.81	1/4	382.23	1/4	25.18		
1/2	4,886.38	1/2	4,686.20	1/2	4,428.98	1/2	4,170.26	1/2	3,911.54	1/2	3,652.82	1/2	3,335.12	1/2	2,962.79	1/2	2,590.45	1/2	2,218.12	1/2	1,845.78	1/2	1,474.29	1/2	1,107.75	1/2	741.17	1/2	374.60	1/2	20.40		
3/4	4,886.06	3/4	4,680.84	3/4	4,423.59	3/4	4,164.87	3/4	3,906.15	3/4	3,647.43	3/4	3,327.37	3/4	2,955.03	3/4	2,582.70	3/4	2,210.36	3/4	1,838.02	3/4	1,466.66	3/4	1,100.11	3/4	733.54	3/4	366.96	3/4	15.62		
4		4	4,885.75	4	4,675.48	4	4,418.20	4	4,159.48	4	3,900.76	4	3,642.04	4	3,319.61	4	2,947.27	4	2,574.94	4	2,202.60	4	1,830.27	4	1,459.02	4	1,092.47	4	725.90	4	359.32	4	
1/4	4,884.61	1/4	4,670.12	1/4	4,412.81	1/4	4,154.09	1/4	3,895.37	1/4	3,636.65	1/4	3,311.85	1/4	2,939.52	1/4	2,567.18	1/4	2,194.85	1/4	1,822.51	1/4	1,451.38	1/4	1,084.84	1/4	718.26	1/4	351.69				
1/2	4,883.48	1/2	4,664.77	1/2	4,407.42	1/2	4,148.70	1/2	3,889.98	1/2	3,631.26	1/2	3,304.10	1/2	2,931.76	1/2	2,559.42	1/2	2,187.09	1/2	1,814.75	1/2	1,443.75	1/2	1,077.20	1/2	710.62	1/2	344.05				
3/4	4,882.34	3/4	4,659.41	3/4	4,402.03	3/4	4,143.31	3/4	3,884.59	3/4	3,625.87	3/4	3,286.34	3/4	2,924.00	3/4	2,551.67	3/4	2,179.33	3/4	1,807.00	3/4	1,436.11	3/4	1,069.56	3/4	702.99	3/4	336.41				
5		5	4,881.21	5	4,654.05	5	4,396.64	5	4,137.92	5	3,879.20	5	3,620.48	5	3,288.58	5	2,916.25	5	2,543.91	5	2,171.57	5	1,799.24	5	1,428.48	5	1,061.93	5	695.35	5	328.77		
1/4	4,879.13	1/4	4,648.69	1/4	4,391.25	1/4	4,132.53	1/4	3,873.81	1/4	3,615.09	1/4	3,280.83	1/4	2,908.49	1/4	2,536.15	1/4	2,163.82	1/4	1,791.48	1/4	1,420.84	1/4	1,054.29	1/4	687.71	1/4	321.14				
1/2	4,877.06	1/2	4,643.33	1/2	4,385.86	1/2	4,127.14	1/2	3,868.42	1/2	3,609.70	1/2	3,273.07	1/2	2,900.73	1/2	2,528.40	1/2	2,156.06	1/2	1,783.72	1/2	1,413.20	1/2	1,046.65	1/2	680.08	1/2	313.50				
3/4	4,874.98	3/4	4,637.98	3/4	4,380.47	3/4	4,121.75	3/4	3,863.03	3/4	3,604.31	3/4	3,265.31	3/4	2,892.98	3/4	2,520.64	3/4	2,148.30	3/4	1,775.97	3/4	1,405.57	3/4	1,039.02	3/4	672.44	3/4	305.86				
6		6	4,872.91	6	4,632.62	6	4,375.08	6	4,116.36	6	3,857.64	6	3,598.92	6	3,257.55	6	2,885.22	6	2,512.88	6	2,140.55	6	1,768.21	6	1,397.93	6	1,031.38	6	664.80				
1/4	4,869.90	1/4	4,627.26	1/4	4,369.69	1/4	4,110.97	1/4	3,852.25	1/4	3,593.53	1/4	3,249.80	1/4	2,877.46	1/4	2,505.13	1/4	2,132.79	1/4	1,760.45	1/4	1,390.30	1/4	1,023.74	1/4	657.17						
1/2	4,866.89	1/2	4,621.90	1/2	4,364.30	1/2	4,105.58	1/2	3,846.86	1/2	3,587.99	1/2	3,242.04	1/2	2,869.70	1/2	2,497.37	1/2	2,125.03	1/2	1,752.70	1/2	1,382.66	1/2	1,016.10	1/2	649.53						
3/4	4,863.87	3/4	4,616.54	3/4	4,358.91	3/4	4,100.19	3/4	3,841.47	3/4	3,582.46	3/4	3,234.28	3/4	2,861.95	3/4	2,489.61	3/4	2,117.28	3/4	1,744.94	3/4	1,375.02	3/4	1,008.47	3/4	641.89						
7		7	4,860.86	7	4,611.19	7	4,353.52	7	4,094.80	7	3,836.08	7	3,576.92	7	3,226.53	7	2,854.19	7	2,481.85	7	2,109.52	7	1,737.18	7	1,367.39	7	1,000.83	7	634.25				
1/4	4,856.91	1/4	4,605.83	1/4	4,348.13	1/4	4,089.41	1/4	3,830.69	1/4	3,571.04	1/4	3,218.77	1/4	2,846.43	1/4	2,474.10	1/4	2,101.76	1/4	1,729.43	1/4	1,359.75	1/4	993.19	1/4	626.62						
1/2	4,852.96	1/2	4,600.47	1/2	4,342.74	1/2	4,084.02	1/2	3,825.30	1/2	3,565.17	1/2	3,211.01	1/2	2,838.68	1/2	2,466.34	1/2	2,094.00	1/2	1,721.67	1/2	1,352.12	1/2	985.56	1/2	618.98						
3/4	4,849.01	3/4	4,595.11	3/4	4,337.35	3/4	4,078.63	3/4	3,819.91	3/4	3,559.29	3/4	3,203.26	3/4	2,830.92	3/4	2,458.58	3/4	2,086.25	3/4	1,713.91	3/4	1,344.48	3/4	977.92	3/4	611.34						
8		8	4,845.06	8	4,589.75	8	4,331.96	8	4,073.24	8	3,814.52	8	3,553.41	8	3,195.50	8	2,823.16	8	2,450.83	8	2,078.49	8	1,706.15	8	1,336.84	8	970.28						
1/4	4,840.17	1/4	4,584.39	1/4	4,326.57	1/4	4,067.85	1/4	3,809.13	1/4	3,547.14	1/4	3,187.74	1/4	2,815.41	1/4	2,443.07	1/4	2,070.73	1/4	1,698.40	1/4	1,329.21	1/4	962.65								
1/2	4,835.28	1/2	4,579.04	1/2	4,321.18	1/2	4,062.46	1/2	3,803.74	1/2	3,540.87	1/2	3,179.98	1/2	2,807.65	1/2	2,435.31	1/2	2,062.98	1/2	1,690.64	1/2	1,321.57	1/2	955.01								
3/4	4,830.39	3/4	4,573.68	3/4	4,315.79	3/4	4,057.07	3/4	3,798.35	3/4																							