



INSPECTORATE

# BARGE "HSM-3217" HARDIN ST. MARINE

## OUTAGE TABLE

# 1 PORT

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

HULL NO. T089

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.	
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	4,857.47	0	4,540.58	0	4,210.94	0	3,880.89	0	3,550.84	0	3,220.80	0	2,890.75	0	2,560.70	0	2,230.65	0	1,900.60	0	1,570.56	0	1,240.55	0	910.09	0	579.28	0	248.46
1/4		1/4	4,853.60	1/4	4,533.72	1/4	4,204.06	1/4	3,874.02	1/4	3,543.97	1/4	3,213.92	1/4	2,883.87	1/4	2,553.82	1/4	2,223.78	1/4	1,893.73	1/4	1,563.68	1/4	1,233.67	1/4	903.20	1/4	572.38	1/4	241.57
1/2		1/2	4,848.53	1/2	4,526.85	1/2	4,197.19	1/2	3,867.14	1/2	3,537.09	1/2	3,207.04	1/2	2,877.00	1/2	2,546.95	1/2	2,216.90	1/2	1,886.85	1/2	1,556.80	1/2	1,226.80	1/2	896.31	1/2	565.49	1/2	234.68
3/4		3/4	4,843.47	3/4	4,519.99	3/4	4,190.31	3/4	3,860.26	3/4	3,530.22	3/4	3,200.17	3/4	2,870.12	3/4	2,540.07	3/4	2,210.02	3/4	1,879.98	3/4	1,549.93	3/4	1,219.93	3/4	889.42	3/4	558.60	3/4	227.78
1		1	4,838.40	1	4,513.12	1	4,183.44	1	3,853.39	1	3,523.34	1	3,193.29	1	2,863.24	1	2,533.20	1	2,203.15	1	1,873.10	1	1,543.05	1	1,213.05	1	882.52	1	551.71	1	220.89
1/4		1/4	4,833.34	1/4	4,506.26	1/4	4,176.56	1/4	3,846.51	1/4	3,516.46	1/4	3,186.42	1/4	2,856.37	1/4	2,526.32	1/4	2,196.27	1/4	1,866.22	1/4	1,536.18	1/4	1,206.18	1/4	875.63	1/4	544.82	1/4	214.00
1/2		1/2	4,827.07	1/2	4,499.40	1/2	4,169.68	1/2	3,839.64	1/2	3,509.59	1/2	3,179.54	1/2	2,849.49	1/2	2,519.44	1/2	2,189.40	1/2	1,859.35	1/2	1,529.30	1/2	1,199.30	1/2	868.74	1/2	537.92	1/2	207.11
3/4		3/4	4,820.81	3/4	4,492.53	3/4	4,162.81	3/4	3,832.76	3/4	3,502.71	3/4	3,172.66	3/4	2,842.62	3/4	2,512.57	3/4	2,182.52	3/4	1,852.47	3/4	1,522.42	3/4	1,192.43	3/4	861.85	3/4	531.03	3/4	200.22
2		2	4,814.54	2	4,485.67	2	4,155.93	2	3,825.88	2	3,495.84	2	3,165.79	2	2,835.74	2	2,505.69	2	2,175.64	2	1,845.60	2	1,515.55	2	1,185.56	2	854.96	2	524.14	2	193.32
1/4		1/4	4,808.28	1/4	4,478.80	1/4	4,149.06	1/4	3,819.01	1/4	3,488.96	1/4	3,158.91	1/4	2,828.86	1/4	2,498.82	1/4	2,168.77	1/4	1,838.72	1/4	1,508.67	1/4	1,178.68	1/4	848.06	1/4	517.25	1/4	186.43
1/2		1/2	4,801.41	1/2	4,471.94	1/2	4,142.18	1/2	3,812.13	1/2	3,482.08	1/2	3,152.04	1/2	2,821.99	1/2	2,491.94	1/2	2,161.89	1/2	1,831.84	1/2	1,501.80	1/2	1,171.81	1/2	841.17	1/2	510.36	1/2	179.54
3/4		3/4	4,794.55	3/4	4,465.08	3/4	4,135.30	3/4	3,805.26	3/4	3,475.21	3/4	3,145.16	3/4	2,815.11	3/4	2,485.06	3/4	2,155.02	3/4	1,824.97	3/4	1,494.92	3/4	1,164.93	3/4	834.28	3/4	503.46	3/4	172.65
3		3	4,787.68	3	4,458.21	3	4,128.43	3	3,798.38	3	3,468.33	3	3,138.28	3	2,808.24	3	2,478.19	3	2,148.14	3	1,818.09	3	1,488.04	3	1,158.06	3	827.39	3	496.57	3	165.76
1/4		1/4	4,780.82	1/4	4,451.35	1/4	4,121.55	1/4	3,791.50	1/4	3,461.46	1/4	3,131.41	1/4	2,801.36	1/4	2,471.31	1/4	2,141.26	1/4	1,811.22	1/4	1,481.17	1/4	1,151.19	1/4	820.50	1/4	489.68	1/4	158.86
1/2		1/2	4,773.96	1/2	4,444.48	1/2	4,114.68	1/2	3,784.63	1/2	3,454.58	1/2	3,124.53	1/2	2,794.48	1/2	2,464.44	1/2	2,134.39	1/2	1,804.34	1/2	1,474.29	1/2	1,144.31	1/2	813.60	1/2	482.79	1/2	151.97
3/4		3/4	4,767.09	3/4	4,437.62	3/4	4,107.80	3/4	3,777.75	3/4	3,447.70	3/4	3,117.66	3/4	2,787.61	3/4	2,457.56	3/4	2,127.51	3/4	1,797.46	3/4	1,467.42	3/4	1,137.44	3/4	806.71	3/4	475.90	3/4	145.08
4		4	4,760.23	4	4,430.76	4	4,100.92	4	3,770.88	4	3,440.83	4	3,110.78	4	2,780.73	4	2,450.68	4	2,120.64	4	1,790.59	4	1,460.54	4	1,130.56	4	799.82	4	469.00	4	138.19
1/4		1/4	4,753.36	1/4	4,423.89	1/4	4,094.05	1/4	3,764.00	1/4	3,433.95	1/4	3,103.90	1/4	2,773.86	1/4	2,443.81	1/4	2,113.76	1/4	1,783.71	1/4	1,453.66	1/4	1,123.69	1/4	792.93	1/4	462.11	1/4	131.30
1/2		1/2	4,746.50	1/2	4,417.03	1/2	4,087.17	1/2	3,757.12	1/2	3,427.08	1/2	3,097.03	1/2	2,766.98	1/2	2,436.93	1/2	2,106.88	1/2	1,776.84	1/2	1,446.79	1/2	1,116.82	1/2	786.04	1/2	455.22	1/2	124.40
3/4		3/4	4,739.64	3/4	4,410.16	3/4	4,080.30	3/4	3,750.25	3/4	3,420.20	3/4	3,090.15	3/4	2,760.10	3/4	2,430.06	3/4	2,100.01	3/4	1,769.96	3/4	1,439.91	3/4	1,109.94	3/4	779.14	3/4	448.33	3/4	117.51
5		5	4,732.77	5	4,403.30	5	4,073.42	5	3,743.37	5	3,413.32	5	3,083.28	5	2,753.23	5	2,423.18	5	2,093.13	5	1,763.08	5	1,433.04	5	1,103.07	5	772.25	5	441.44	5	110.62
1/4		1/4	4,725.91	1/4	4,396.44	1/4	4,066.54	1/4	3,736.50	1/4	3,406.45	1/4	3,076.40	1/4	2,746.35	1/4	2,416.30	1/4	2,086.26	1/4	1,756.21	1/4	1,426.16	1/4	1,096.18	1/4	765.36	1/4	434.54	1/4	103.73
1/2		1/2	4,719.04	1/2	4,389.57	1/2	4,059.67	1/2	3,729.62	1/2	3,399.57	1/2	3,069.52	1/2	2,739.48	1/2	2,409.43	1/2	2,079.38	1/2	1,749.33	1/2	1,419.28	1/2	1,089.28	1/2	758.47	1/2	427.65	1/2	96.84
3/4		3/4	4,712.18	3/4	4,382.71	3/4	4,052.79	3/4	3,722.74	3/4	3,392.70	3/4	3,062.65	3/4	2,732.60	3/4	2,402.55	3/4	2,072.50	3/4	1,742.46	3/4	1,412.41	3/4	1,089.39	3/4	751.58	3/4	420.76	3/4	89.94
6		6	4,705.32	6	4,375.84	6	4,045.92	6	3,715.87	6	3,385.82	6	3,055.77	6	2,725.72	6	2,395.68	6	2,065.63	6	1,735.58	6	1,405.53	6	1,075.50	6	744.68	6	413.87	6	83.05
1/4		1/4	4,698.45	1/4	4,368.98	1/4	4,039.04	1/4	3,708.99	1/4	3,378.94	1/4	3,048.90	1/4	2,718.85	1/4	2,388.80	1/4	2,058.75	1/4	1,728.70	1/4	1,398.66	1/4	1,068.61	1/4	737.79	1/4	406.98	1/4	76.16
1/2		1/2	4,691.59	1/2	4,362.12	1/2	4,032.16	1/2	3,702.12	1/2	3,372.07	1/2	3,042.02	1/2	2,711.97	1/2	2,381.92	1/2	2,051.88	1/2	1,721.83	1/2	1,391.78	1/2	1,061.72	1/2	730.90	1/2	400.08	1/2	69.27
3/4		3/4	4,684.72	3/4	4,355.25	3/4	4,025.29	3/4	3,695.24	3/4	3,365.19	3/4	3,035.14	3/4	2,705.10	3/4	2,375.05	3/4	2,045.00	3/4	1,714.95	3/4	1,384.90	3/4	1,054.82	3/4	724.01	3/4	393.19	3/4	62.38
7		7	4,677.86	7	4,348.39	7	4,018.41	7	3,688.36	7	3,358.32	7	3,028.27	7	2,698.22	7	2,368.17	7	2,038.12	7	1,708.08	7	1,378.03	7	1,047.93	7	717.12	7	386.30	7	55.48
1/4		1/4	4,671.00	1/4	4,341.52	1/4	4,011.54	1/4	3,681.49	1/4	3,351.44	1/4	3,021.39	1/4	2,691.34	1/4	2,361.30	1/4	2,031.25	1/4	1,701.20	1/4	1,371.15	1/4	1,041.04	1/4	710.22	1/4	379.41	1/4	49.45
1/2		1/2	4,664.13	1/2	4,334.66	1/2	4,004.66	1/2	3,674.61	1/2	3,344.56	1/2	3,014.52	1/2	2,684.47	1/2	2,354.42	1/2	2,024.37	1/2	1,694.32	1/2	1,364.28	1/2	1,034.15	1/2	703.33	1/2	372.52	1/2	43.42
3/4		3/4	4,657.27	3/4	4,327.80	3/4	3,997.78	3/4	3,667.74	3/4	3,337.69	3/4	3,007.64	3/4	2,677.59	3/4	2,347.54	3/4	2,017.50	3/4	1,687.45	3/4	1,357.41	3/4	1,027.26	3/4	696.44	3/4	365.62	3/4	37.39
8		8	4,650.40	8	4,320.93	8	3,990.91	8	3,660.86	8	3,330.81	8	3,000.76	8	2,670.72	8	2,340.67	8	2,010.62	8	1,680.57	8	1,350.53	8	1,020.36	8	689.55				



INSPECTORATE

# BARGE "HSM-3217" HARDIN ST. MARINE

## OUTAGE TABLE

# 1 STAR

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

HULL NO. T089

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	4,848.53	0	4,526.85	0	4,197.19	0	3,867.14	0	3,537.09	0	3,207.04	0	2,877.00	0	2,546.95	0	2,216.90	0	1,886.85	0	1,556.80	0	1,226.80	0	896.31	0	565.49	0	234.68
1/4		1/4	4,843.47	1/4	4,519.99	1/4	4,190.31	1/4	3,860.26	1/4	3,530.22	1/4	3,200.17	1/4	2,870.12	1/4	2,540.07	1/4	2,210.02	1/4	1,879.98	1/4	1,549.93	1/4	1,219.93	1/4	889.42	1/4	558.60	1/4	227.78
1/2		1/2	4,838.40	1/2	4,513.12	1/2	4,183.44	1/2	3,853.39	1/2	3,523.34	1/2	3,193.29	1/2	2,863.24	1/2	2,533.20	1/2	2,203.15	1/2	1,873.10	1/2	1,543.05	1/2	1,213.05	1/2	882.52	1/2	551.71	1/2	220.89
3/4		3/4	4,833.34	3/4	4,506.26	3/4	4,176.56	3/4	3,846.51	3/4	3,516.46	3/4	3,186.42	3/4	2,856.37	3/4	2,526.32	3/4	2,196.27	3/4	1,866.22	3/4	1,536.18	3/4	1,206.18	3/4	875.63	3/4	544.82	3/4	214.00
1		1	4,827.07	1	4,499.40	1	4,169.68	1	3,839.64	1	3,509.59	1	3,179.54	1	2,849.49	1	2,519.44	1	2,189.40	1	1,859.35	1	1,529.30	1	1,199.30	1	868.74	1	537.92	1	207.11
1/4		1/4	4,820.81	1/4	4,492.53	1/4	4,162.81	1/4	3,832.76	1/4	3,502.71	1/4	3,172.66	1/4	2,842.62	1/4	2,512.57	1/4	2,182.52	1/4	1,852.47	1/4	1,522.42	1/4	1,192.43	1/4	861.85	1/4	531.03	1/4	200.22
1/2		1/2	4,814.54	1/2	4,485.67	1/2	4,155.93	1/2	3,825.88	1/2	3,495.84	1/2	3,165.79	1/2	2,835.74	1/2	2,505.69	1/2	2,175.64	1/2	1,845.60	1/2	1,515.55	1/2	1,185.56	1/2	854.96	1/2	524.14	1/2	193.32
3/4		3/4	4,808.28	3/4	4,478.80	3/4	4,149.06	3/4	3,819.01	3/4	3,488.96	3/4	3,158.91	3/4	2,828.86	3/4	2,498.82	3/4	2,168.77	3/4	1,838.72	3/4	1,508.67	3/4	1,178.68	3/4	848.06	3/4	517.25	3/4	186.43
2		2	4,801.41	2	4,471.94	2	4,142.18	2	3,812.13	2	3,482.08	2	3,152.04	2	2,821.99	2	2,491.94	2	2,161.89	2	1,831.84	2	1,501.80	2	1,171.81	2	841.17	2	510.36	2	179.54
1/4		1/4	4,794.55	1/4	4,465.08	1/4	4,135.30	1/4	3,805.26	1/4	3,475.21	1/4	3,145.16	1/4	2,815.11	1/4	2,485.06	1/4	2,155.02	1/4	1,824.97	1/4	1,494.92	1/4	1,164.93	1/4	834.28	1/4	503.46	1/4	172.65
1/2		1/2	4,787.68	1/2	4,458.21	1/2	4,128.43	1/2	3,798.38	1/2	3,468.33	1/2	3,138.28	1/2	2,808.24	1/2	2,478.19	1/2	2,148.14	1/2	1,818.09	1/2	1,488.04	1/2	1,158.06	1/2	827.39	1/2	496.57	1/2	165.76
3/4		3/4	4,780.82	3/4	4,451.35	3/4	4,121.55	3/4	3,791.50	3/4	3,461.46	3/4	3,131.41	3/4	2,801.36	3/4	2,471.31	3/4	2,141.26	3/4	1,811.22	3/4	1,481.17	3/4	1,151.19	3/4	820.50	3/4	489.68	3/4	158.86
3		3	4,773.96	3	4,444.48	3	4,114.68	3	3,784.63	3	3,454.58	3	3,124.53	3	2,794.48	3	2,464.44	3	2,134.39	3	1,804.34	3	1,474.29	3	1,144.31	3	813.60	3	482.79	3	151.97
1/4		1/4	4,767.09	1/4	4,437.62	1/4	4,107.80	1/4	3,777.75	1/4	3,447.70	1/4	3,117.66	1/4	2,787.61	1/4	2,457.56	1/4	2,127.51	1/4	1,797.46	1/4	1,467.42	1/4	1,137.44	1/4	806.71	1/4	475.90	1/4	145.08
1/2		1/2	4,760.23	1/2	4,430.76	1/2	4,100.92	1/2	3,770.88	1/2	3,440.83	1/2	3,110.78	1/2	2,780.73	1/2	2,450.68	1/2	2,120.64	1/2	1,790.59	1/2	1,460.54	1/2	1,130.56	1/2	799.82	1/2	469.00	1/2	138.19
3/4		3/4	4,753.36	3/4	4,423.89	3/4	4,094.05	3/4	3,764.00	3/4	3,433.95	3/4	3,103.90	3/4	2,773.86	3/4	2,443.81	3/4	2,113.76	3/4	1,783.71	3/4	1,453.66	3/4	1,123.69	3/4	792.93	3/4	462.11	3/4	131.30
4		4	4,746.50	4	4,417.03	4	4,087.17	4	3,757.12	4	3,427.08	4	3,097.03	4	2,766.98	4	2,436.93	4	2,106.88	4	1,776.84	4	1,446.79	4	1,116.82	4	786.04	4	455.22	4	124.40
1/4		1/4	4,739.64	1/4	4,410.16	1/4	4,080.30	1/4	3,750.25	1/4	3,420.20	1/4	3,090.15	1/4	2,760.10	1/4	2,430.06	1/4	2,100.01	1/4	1,769.96	1/4	1,439.91	1/4	1,109.94	1/4	779.14	1/4	448.33	1/4	117.51
1/2		1/2	4,732.77	1/2	4,403.30	1/2	4,073.42	1/2	3,743.37	1/2	3,413.32	1/2	3,083.28	1/2	2,753.23	1/2	2,423.18	1/2	2,093.13	1/2	1,763.08	1/2	1,433.04	1/2	1,103.07	1/2	772.25	1/2	441.44	1/2	110.62
3/4		3/4	4,725.91	3/4	4,396.44	3/4	4,066.54	3/4	3,736.50	3/4	3,406.45	3/4	3,076.40	3/4	2,746.35	3/4	2,416.30	3/4	2,086.26	3/4	1,756.21	3/4	1,426.16	3/4	1,096.18	3/4	765.36	3/4	434.54	3/4	103.73
5		5	4,719.04	5	4,389.57	5	4,059.67	5	3,729.62	5	3,399.57	5	3,069.52	5	2,739.48	5	2,409.43	5	2,079.38	5	1,749.33	5	1,419.28	5	1,089.28	5	758.47	5	427.65	5	96.84
1/4		1/4	4,712.18	1/4	4,382.71	1/4	4,052.79	1/4	3,722.74	1/4	3,392.70	1/4	3,062.65	1/4	2,732.60	1/4	2,402.55	1/4	2,072.50	1/4	1,742.46	1/4	1,412.41	1/4	1,082.39	1/4	751.58	1/4	420.76	1/4	89.94
1/2		1/2	4,705.32	1/2	4,375.84	1/2	4,045.92	1/2	3,715.87	1/2	3,385.82	1/2	3,055.77	1/2	2,725.72	1/2	2,395.68	1/2	2,065.63	1/2	1,735.58	1/2	1,405.53	1/2	1,075.50	1/2	744.68	1/2	413.87	1/2	83.05
3/4		3/4	4,698.45	3/4	4,368.98	3/4	4,039.04	3/4	3,708.99	3/4	3,378.94	3/4	3,048.90	3/4	2,718.85	3/4	2,388.80	3/4	2,058.75	3/4	1,728.70	3/4	1,398.66	3/4	1,068.61	3/4	737.79	3/4	406.98	3/4	76.16
6		6	4,691.59	6	4,362.12	6	4,032.16	6	3,702.12	6	3,372.07	6	3,042.02	6	2,711.97	6	2,381.92	6	2,051.88	6	1,721.83	6	1,391.78	6	1,061.72	6	730.90	6	400.08	6	69.27
1/4		1/4	4,684.72	1/4	4,355.25	1/4	4,025.29	1/4	3,695.24	1/4	3,365.19	1/4	3,035.14	1/4	2,705.10	1/4	2,375.05	1/4	2,045.00	1/4	1,714.95	1/4	1,384.90	1/4	1,054.82	1/4	724.01	1/4	393.19	1/4	62.38
1/2		1/2	4,677.86	1/2	4,348.39	1/2	4,018.41	1/2	3,688.36	1/2	3,358.32	1/2	3,028.27	1/2	2,698.22	1/2	2,368.17	1/2	2,038.12	1/2	1,708.08	1/2	1,378.03	1/2	1,047.93	1/2	717.12	1/2	386.30	1/2	55.48
3/4		3/4	4,671.00	3/4	4,341.52	3/4	4,011.54	3/4	3,681.49	3/4	3,351.44	3/4	3,021.39	3/4	2,691.34	3/4	2,361.30	3/4	2,031.25	3/4	1,701.20	3/4	1,371.15	3/4	1,041.04	3/4	710.22	3/4	379.41	3/4	49.45
7		7	4,664.13	7	4,334.66	7	4,004.66	7	3,674.61	7	3,344.56	7	3,014.52	7	2,684.47	7	2,354.42	7	2,024.37	7	1,694.32	7	1,364.28	7	1,034.15	7	703.33	7	372.52	7	43.42
1/4		1/4	4,657.27	1/4	4,327.80	1/4	3,997.78	1/4	3,667.74	1/4	3,337.69	1/4	3,007.64	1/4	2,677.59	1/4	2,347.54	1/4	2,017.50	1/4	1,687.45	1/4	1,357.41	1/4	1,027.26	1/4	696.44	1/4	365.62	1/4	37.39
1/2		1/2	4,650.40	1/2	4,320.93	1/2	3,990.91	1/2	3,660.86	1/2	3,330.81	1/2	3,000.76	1/2	2,670.72	1/2	2,340.67	1/2	2,010.62	1/2	1,680.57	1/2	1,350.53	1/2	1,020.36	1/2	689.55	1/2	358.73	1/2	31.36
3/4		3/4	4,643.54	3/4	4,314.07	3/4	3,984.03	3/4	3,653.98	3/4	3,323.94	3/4	2,993.89	3/4	2,663.84	3/4	2,333.79	3/4	2,003.74	3/4	1,673.70	3/4	1,343.66	3/4	1,013.47	3/4	682.66	3/4	351.84	3/4	27.05
8	4,886.88	8	4,636.68	8	4,307.20	8	3,977.16	8	3,647.11	8	3,317.06	8	2,987.01	8	2,656.96	8	2,326.92	8	1,996.87	8	1,666.82	8	1,336.78	8	1,006.58	8	675.76	8	344.95	8	22.74
1/4	4,886.46	1/4	4,629.81	1/4	4,300.33	1/4	3,970.28	1/4	3,640.23	1/4	3,310.18	1/4	2,980.14	1/4	2,650.09	1/4	2,320.04	1/4	1,989.99	1/4	1,659.94	1/4	1,329.91	1/4	999.69	1/4	668.87	1/4	338.06	1/4	18.44
1/2	4,886.04	1/2	4,622.95	1/2	4,293.45	1/2	3,963.40	1/2	3,633.36	1/2	3,303.31	1/2	2,973.26	1/2	2,643.21	1/2	2,313.16	1/2	1,983.12	1/2	1,653.07	1/2	1,323.04	1/2	992.80	1/2	661.98	1/2	331.16	1/2	14.13
3/4	4,885.62	3/4	4,616.08	3/4	4,286.58	3/4	3,956.53	3/4	3,626.48	3/4	3,296.43	3/4	2,966.38	3/4	2,636.34	3/4	2,306.29	3/4	1,976.24	3/4	1,646.19	3/4	1,316.16	3/4	985.90	3/4	655.09	3/4	324.27	3/4	
9	4,884.15	9	4,609.22	9	4,279.70	9	3,949.65	9	3,619.60	9	3,289.56	9	2,959.51	9	2,629.46	9	2,299.41	9	1,969.36	9	1,639.3										



# BARGE "HSM-3217" HARDIN ST. MARINE

## OUTAGE TABLE

# 2 PORT

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

HULL NO. T089

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	5,382.55	0	5,012.57	0	4,642.58	0	4,272.60	0	3,902.64	0	3,532.51	0	3,162.38	0	2,792.25	0	2,422.13	0	2,052.00	0	1,681.87	0	1,311.74	0	941.61	0	571.91	0	203.46
1/4		1/4	5,374.84	1/4	5,004.86	1/4	4,634.88	1/4	4,264.89	1/4	3,894.93	1/4	3,524.80	1/4	3,154.67	1/4	2,784.54	1/4	2,414.41	1/4	2,044.29	1/4	1,674.16	1/4	1,304.03	1/4	933.90	1/4	564.23	1/4	195.78
1/2		1/2	5,367.14	1/2	4,997.15	1/2	4,627.17	1/2	4,257.18	1/2	3,887.22	1/2	3,517.09	1/2	3,146.96	1/2	2,776.83	1/2	2,406.70	1/2	2,036.58	1/2	1,666.45	1/2	1,296.32	1/2	926.19	1/2	556.55	1/2	188.11
3/4		3/4	5,359.43	3/4	4,989.44	3/4	4,619.46	3/4	4,249.48	3/4	3,879.50	3/4	3,509.38	3/4	3,139.25	3/4	2,769.12	3/4	2,398.99	3/4	2,028.86	3/4	1,658.74	3/4	1,288.61	3/4	918.48	3/4	548.88	3/4	180.43
1		1	5,351.72	1	4,981.74	1	4,611.75	1	4,241.77	1	3,871.79	1	3,501.67	1	3,131.54	1	2,761.41	1	2,391.28	1	2,021.15	1	1,651.03	1	1,280.90	1	910.77	1	541.20	1	172.75
1/4		1/4	5,344.01	1/4	4,974.03	1/4	4,604.04	1/4	4,234.06	1/4	3,864.08	1/4	3,493.95	1/4	3,123.83	1/4	2,753.70	1/4	2,383.57	1/4	2,013.44	1/4	1,643.31	1/4	1,273.19	1/4	903.06	1/4	533.53	1/4	165.08
1/2		1/2	5,336.30	1/2	4,966.32	1/2	4,596.34	1/2	4,226.36	1/2	3,856.37	1/2	3,486.24	1/2	3,116.12	1/2	2,745.99	1/2	2,375.86	1/2	2,005.73	1/2	1,635.60	1/2	1,265.48	1/2	895.35	1/2	525.85	1/2	157.40
3/4		3/4	5,328.60	3/4	4,958.61	3/4	4,588.63	3/4	4,218.65	3/4	3,848.66	3/4	3,478.53	3/4	3,108.40	3/4	2,738.28	3/4	2,368.15	3/4	1,998.02	3/4	1,627.89	3/4	1,257.76	3/4	887.64	3/4	518.17	3/4	149.73
2		2	5,320.89	2	4,950.90	2	4,580.92	2	4,210.94	2	3,840.95	2	3,470.82	2	3,100.69	2	2,730.57	2	2,360.44	2	1,990.31	2	1,620.18	2	1,250.05	2	879.93	2	510.50	2	142.05
1/4		1/4	5,313.18	1/4	4,943.20	1/4	4,573.21	1/4	4,203.23	1/4	3,833.24	1/4	3,463.11	1/4	3,092.98	1/4	2,722.85	1/4	2,352.73	1/4	1,982.60	1/4	1,612.47	1/4	1,242.34	1/4	872.21	1/4	502.82	1/4	134.37
1/2		1/2	5,305.47	1/2	4,935.49	1/2	4,565.50	1/2	4,195.53	1/2	3,825.53	1/2	3,455.40	1/2	3,085.27	1/2	2,715.14	1/2	2,345.02	1/2	1,974.89	1/2	1,604.76	1/2	1,232.63	1/2	864.50	1/2	495.15	1/2	126.70
3/4		3/4	5,297.76	3/4	4,927.78	3/4	4,557.80	3/4	4,187.82	3/4	3,817.82	3/4	3,447.69	3/4	3,077.56	3/4	2,707.43	3/4	2,337.30	3/4	1,967.18	3/4	1,597.05	3/4	1,224.92	3/4	856.79	3/4	487.47	3/4	119.02
3		3	5,290.06	3	4,920.07	3	4,550.09	3	4,180.11	3	3,810.11	3	3,439.98	3	3,069.85	3	2,699.72	3	2,329.59	3	1,959.47	3	1,589.34	3	1,219.21	3	849.08	3	479.79	3	111.35
1/4		1/4	5,282.35	1/4	4,912.36	1/4	4,542.38	1/4	4,172.41	1/4	3,802.39	1/4	3,432.27	1/4	3,062.14	1/4	2,692.01	1/4	2,321.88	1/4	1,951.75	1/4	1,581.63	1/4	1,211.50	1/4	841.37	1/4	472.12	1/4	103.67
1/2		1/2	5,274.64	1/2	4,904.66	1/2	4,534.67	1/2	4,164.70	1/2	3,794.68	1/2	3,424.56	1/2	3,054.43	1/2	2,684.30	1/2	2,314.17	1/2	1,944.04	1/2	1,573.92	1/2	1,203.79	1/2	833.66	1/2	464.44	1/2	96.66
3/4		3/4	5,266.93	3/4	4,896.95	3/4	4,526.96	3/4	4,156.99	3/4	3,786.97	3/4	3,416.84	3/4	3,046.72	3/4	2,676.59	3/4	2,306.46	3/4	1,936.33	3/4	1,566.20	3/4	1,196.08	3/4	825.95	3/4	456.77	3/4	89.66
4		4	5,259.22	4	4,889.24	4	4,519.26	4	4,149.29	4	3,779.26	4	3,409.13	4	3,039.01	4	2,668.88	4	2,298.75	4	1,928.62	4	1,558.49	4	1,188.37	4	818.24	4	449.09	4	82.65
1/4		1/4	5,251.52	1/4	4,881.53	1/4	4,511.55	1/4	4,141.58	1/4	3,771.55	1/4	3,401.42	1/4	3,031.29	1/4	2,661.17	1/4	2,291.04	1/4	1,920.91	1/4	1,550.78	1/4	1,180.65	1/4	810.53	1/4	441.41	1/4	75.65
1/2		1/2	5,243.81	1/2	4,873.82	1/2	4,503.84	1/2	4,133.87	1/2	3,763.84	1/2	3,393.71	1/2	3,023.58	1/2	2,653.46	1/2	2,283.33	1/2	1,913.20	1/2	1,543.07	1/2	1,172.94	1/2	802.82	1/2	433.74	1/2	69.98
3/4		3/4	5,236.10	3/4	4,866.12	3/4	4,496.13	3/4	4,126.16	3/4	3,756.13	3/4	3,386.00	3/4	3,015.87	3/4	2,645.74	3/4	2,275.62	3/4	1,905.49	3/4	1,535.36	3/4	1,165.23	3/4	795.10	3/4	426.06	3/4	64.32
5		5	5,228.39	5	4,858.41	5	4,488.42	5	4,118.46	5	3,748.42	5	3,378.29	5	3,008.16	5	2,638.03	5	2,267.91	5	1,897.78	5	1,527.65	5	1,157.52	5	787.39	5	418.39	5	58.65
1/4		1/4	5,220.68	1/4	4,850.70	1/4	4,480.72	1/4	4,110.75	1/4	3,740.71	1/4	3,370.58	1/4	3,000.45	1/4	2,630.32	1/4	2,260.19	1/4	1,890.07	1/4	1,519.94	1/4	1,149.81	1/4	779.68	1/4	410.71	1/4	52.99
1/2		1/2	5,212.98	1/2	4,842.99	1/2	4,473.01	1/2	4,103.04	1/2	3,733.00	1/2	3,362.87	1/2	2,992.74	1/2	2,622.61	1/2	2,252.48	1/2	1,882.36	1/2	1,512.23	1/2	1,142.10	1/2	771.97	1/2	403.03	1/2	48.66
3/4		3/4	5,205.27	3/4	4,835.28	3/4	4,465.30	3/4	4,095.34	3/4	3,725.28	3/4	3,355.16	3/4	2,985.03	3/4	2,614.90	3/4	2,244.77	3/4	1,874.64	3/4	1,504.52	3/4	1,134.39	3/4	764.26	3/4	395.36	3/4	44.34
6		6	5,197.56	6	4,827.58	6	4,457.59	6	4,087.63	6	3,717.57	6	3,347.45	6	2,977.32	6	2,607.19	6	2,237.06	6	1,866.93	6	1,496.81	6	1,126.68	6	756.55	6	387.68	6	40.01
1/4		1/4	5,189.85	1/4	4,819.87	1/4	4,449.88	1/4	4,079.92	1/4	3,709.86	1/4	3,339.73	1/4	2,969.61	1/4	2,599.48	1/4	2,229.35	1/4	1,859.22	1/4	1,489.09	1/4	1,118.97	1/4	748.84	1/4	380.01	1/4	35.69
1/2		1/2	5,182.14	1/2	4,812.16	1/2	4,442.18	1/2	4,072.22	1/2	3,702.15	1/2	3,332.02	1/2	2,961.90	1/2	2,591.77	1/2	2,221.64	1/2	1,851.51	1/2	1,481.38	1/2	1,111.26	1/2	741.13	1/2	372.33	1/2	32.70
3/4		3/4	5,174.44	3/4	4,804.45	3/4	4,434.47	3/4	4,064.51	3/4	3,694.44	3/4	3,324.31	3/4	2,954.18	3/4	2,584.06	3/4	2,213.93	3/4	1,843.80	3/4	1,473.67	3/4	1,103.54	3/4	733.42	3/4	364.65	3/4	29.72
7		7	5,166.73	7	4,796.74	7	4,426.76	7	4,056.80	7	3,686.73	7	3,316.60	7	2,946.47	7	2,576.35	7	2,206.22	7	1,836.09	7	1,465.96	7	1,095.83	7	725.71	7	356.98	7	26.73
1/4		1/4	5,159.02	1/4	4,789.04	1/4	4,419.05	1/4	4,049.09	1/4	3,679.02	1/4	3,308.89	1/4	2,938.76	1/4	2,568.63	1/4	2,198.51	1/4	1,828.38	1/4	1,458.25	1/4	1,088.12	1/4	717.99	1/4	349.30	1/4	23.75
1/2		1/2	5,151.31	1/2	4,781.33	1/2	4,411.34	1/2	4,041.39	1/2	3,671.31	1/2	3,301.18	1/2	2,931.05	1/2	2,560.92	1/2	2,190.80	1/2	1,820.67	1/2	1,450.54	1/2	1,080.41	1/2	710.28	1/2	341.63	1/2	22.11
3/4		3/4	5,143.60	3/4	4,773.62	3/4	4,403.64	3/4	4,033.68	3/4	3,663.60	3/4	3,293.47	3/4	2,923.34	3/4	2,553.21	3/4	2,183.08	3/4	1,812.96	3/4	1,442.83	3/4	1,072.70	3/4	702.57	3/4	333.95	3/4	20.46
8		8	5,135.90	8	4,765.91	8	4,395.93	8	4,025.97	8	3,655.89	8	3,285.76	8	2,915.63	8	2,545.50	8	2,175.37	8	1,805.25	8	1,435.12	8	1,064.99	8	694.86	8	326.27	8	18.82
1/4		1/4	5,128.19	1/4	4,758.20	1/4	4,388.22	1/4	4,018.27	1/4	3,648.17	1/4	3,278.05	1/4	2,907.92	1/4	2,537.79	1/4	2,167.66	1/4	1,797.53	1/4	1,427.41	1/4	1,057.28	1/4	687.15	1/4	318.60	1/4	17.17
1/2	5,475.05	1/2	5,120.48	1/2	4,750.50	1/2	4,380.51	1/2	4,010.56	1/2	3,640.46	1/2	3,270.34	1/2	2,900.21	1/2	2,530.08	1/2	2,159.95	1/2	1,789.82	1/2	1,419.70	1/2	1,049.57	1/2	679.44	1/2	310.92	1/2	16.70
3/4	5,470.23	3/4	5,112.77	3/4	4,742.79	3/4	4,372.80	3/4	4,002.85	3/4	3,632.75	3/4	3,262.62	3/4	2,892.50	3/4	2,522.37	3/4	2,152.24	3/4	1,782.11	3/4	1,411.98	3/4	1,041.86	3/4	671.73	3/4	303.25	3/4	16.23
9		9	5,465.42	9	5,105.06	9	4,735.08	9	4,365.10	9	3,995.15	9	3,625.04	9	3,254.91	9	2,884.79	9	2,514.66	9	2,144.53	9	1,774.40	9	1,404.27	9	664.02	9	295.57	9	



INSPECTORATE

# BARGE "HSM-3217" HARDIN ST. MARINE

## OUTAGE TABLE

# 2 STAR

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

HULL NO. T089

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	5,390.26	0	5,020.28	0	4,650.29	0	4,280.31	0	3,910.35	0	3,540.22	0	3,170.09	0	2,799.96	0	2,429.84	0	2,059.71	0	1,689.58	0	1,319.45	0	949.32	0	579.58	0	211.13
1/4		1/4	5,382.55	1/4	5,012.57	1/4	4,642.58	1/4	4,272.60	1/4	3,902.64	1/4	3,532.51	1/4	3,162.38	1/4	2,792.25	1/4	2,422.13	1/4	2,052.00	1/4	1,681.87	1/4	1,311.74	1/4	941.61	1/4	571.91	1/4	203.46
1/2		1/2	5,374.84	1/2	5,004.86	1/2	4,634.88	1/2	4,264.89	1/2	3,894.93	1/2	3,524.80	1/2	3,154.67	1/2	2,784.54	1/2	2,414.41	1/2	2,044.29	1/2	1,674.16	1/2	1,304.03	1/2	933.90	1/2	564.23	1/2	195.78
3/4		3/4	5,367.14	3/4	4,997.15	3/4	4,627.17	3/4	4,257.18	3/4	3,887.22	3/4	3,517.09	3/4	3,146.96	3/4	2,776.83	3/4	2,406.70	3/4	2,036.58	3/4	1,666.45	3/4	1,296.32	3/4	926.19	3/4	556.55	3/4	188.11
1		1	5,359.43	1	4,989.44	1	4,619.46	1	4,249.48	1	3,879.50	1	3,509.38	1	3,139.25	1	2,769.12	1	2,398.99	1	2,028.86	1	1,658.74	1	1,288.61	1	918.48	1	548.88	1	180.43
1/4		1/4	5,351.72	1/4	4,981.74	1/4	4,611.75	1/4	4,241.77	1/4	3,871.79	1/4	3,501.67	1/4	3,131.54	1/4	2,761.41	1/4	2,391.28	1/4	2,021.15	1/4	1,651.03	1/4	1,280.90	1/4	910.77	1/4	541.20	1/4	172.75
1/2		1/2	5,344.01	1/2	4,974.03	1/2	4,604.04	1/2	4,234.06	1/2	3,864.08	1/2	3,493.95	1/2	3,123.83	1/2	2,753.70	1/2	2,383.57	1/2	2,013.44	1/2	1,643.31	1/2	1,273.19	1/2	903.06	1/2	533.53	1/2	165.08
3/4		3/4	5,336.30	3/4	4,966.32	3/4	4,596.34	3/4	4,226.36	3/4	3,856.37	3/4	3,486.24	3/4	3,116.12	3/4	2,745.99	3/4	2,375.86	3/4	2,005.73	3/4	1,635.60	3/4	1,265.48	3/4	895.35	3/4	525.85	3/4	157.40
2		2	5,328.60	2	4,958.61	2	4,588.63	2	4,218.65	2	3,848.66	2	3,478.53	2	3,108.40	2	2,738.28	2	2,368.15	2	1,998.02	2	1,627.89	2	1,257.76	2	887.64	2	518.17	2	149.73
1/4		1/4	5,320.89	1/4	4,950.90	1/4	4,580.92	1/4	4,210.94	1/4	3,840.95	1/4	3,470.82	1/4	3,100.69	1/4	2,730.57	1/4	2,360.44	1/4	1,990.31	1/4	1,620.18	1/4	1,250.05	1/4	879.93	1/4	510.50	1/4	142.05
1/2		1/2	5,313.18	1/2	4,943.20	1/2	4,573.21	1/2	4,203.23	1/2	3,833.24	1/2	3,463.11	1/2	3,092.98	1/2	2,722.85	1/2	2,352.73	1/2	1,982.60	1/2	1,612.47	1/2	1,242.34	1/2	872.21	1/2	502.82	1/2	134.37
3/4		3/4	5,305.47	3/4	4,935.49	3/4	4,565.50	3/4	4,195.53	3/4	3,825.53	3/4	3,455.40	3/4	3,085.27	3/4	2,715.14	3/4	2,345.02	3/4	1,974.89	3/4	1,604.76	3/4	1,234.63	3/4	864.50	3/4	495.15	3/4	126.70
3		3	5,297.76	3	4,927.78	3	4,557.80	3	4,187.82	3	3,817.82	3	3,447.69	3	3,077.56	3	2,707.43	3	2,337.30	3	1,967.18	3	1,597.05	3	1,226.92	3	856.79	3	487.47	3	119.02
1/4		1/4	5,290.06	1/4	4,920.07	1/4	4,550.09	1/4	4,180.11	1/4	3,810.11	1/4	3,439.98	1/4	3,069.85	1/4	2,699.72	1/4	2,329.59	1/4	1,959.47	1/4	1,589.34	1/4	1,219.21	1/4	849.08	1/4	479.79	1/4	111.35
1/2		1/2	5,282.35	1/2	4,912.36	1/2	4,542.38	1/2	4,172.41	1/2	3,802.39	1/2	3,432.27	1/2	3,062.14	1/2	2,692.01	1/2	2,321.88	1/2	1,951.75	1/2	1,581.63	1/2	1,211.50	1/2	841.37	1/2	472.12	1/2	103.67
3/4		3/4	5,274.64	3/4	4,904.66	3/4	4,534.67	3/4	4,164.70	3/4	3,794.68	3/4	3,424.56	3/4	3,054.43	3/4	2,684.30	3/4	2,314.17	3/4	1,944.04	3/4	1,573.92	3/4	1,203.79	3/4	833.66	3/4	464.44	3/4	96.66
4		4	5,266.93	4	4,896.95	4	4,526.96	4	4,156.99	4	3,786.97	4	3,416.84	4	3,046.72	4	2,676.59	4	2,306.46	4	1,936.33	4	1,566.20	4	1,196.08	4	825.95	4	456.77	4	89.66
1/4		1/4	5,259.22	1/4	4,889.24	1/4	4,519.26	1/4	4,149.29	1/4	3,779.26	1/4	3,409.13	1/4	3,039.01	1/4	2,668.88	1/4	2,298.75	1/4	1,928.62	1/4	1,558.49	1/4	1,188.37	1/4	818.24	1/4	449.09	1/4	82.65
1/2		1/2	5,251.52	1/2	4,881.53	1/2	4,511.55	1/2	4,141.58	1/2	3,771.55	1/2	3,401.42	1/2	3,031.29	1/2	2,661.17	1/2	2,291.04	1/2	1,920.91	1/2	1,550.78	1/2	1,180.65	1/2	810.53	1/2	441.41	1/2	75.65
3/4		3/4	5,243.81	3/4	4,873.82	3/4	4,503.84	3/4	4,133.87	3/4	3,763.84	3/4	3,393.71	3/4	3,023.58	3/4	2,653.46	3/4	2,283.33	3/4	1,913.20	3/4	1,543.07	3/4	1,172.94	3/4	802.82	3/4	433.74	3/4	69.98
5		5	5,236.10	5	4,866.12	5	4,496.13	5	4,126.16	5	3,756.13	5	3,386.00	5	3,015.87	5	2,645.74	5	2,275.62	5	1,905.49	5	1,535.36	5	1,165.23	5	795.10	5	426.06	5	64.32
1/4		1/4	5,228.39	1/4	4,858.41	1/4	4,488.42	1/4	4,118.46	1/4	3,748.42	1/4	3,378.29	1/4	3,008.16	1/4	2,638.03	1/4	2,267.91	1/4	1,897.78	1/4	1,527.65	1/4	1,157.52	1/4	787.39	1/4	418.39	1/4	58.65
1/2		1/2	5,220.68	1/2	4,850.70	1/2	4,480.72	1/2	4,110.75	1/2	3,740.71	1/2	3,370.58	1/2	3,000.45	1/2	2,630.32	1/2	2,260.19	1/2	1,890.07	1/2	1,519.94	1/2	1,149.81	1/2	779.68	1/2	410.71	1/2	52.99
3/4		3/4	5,212.98	3/4	4,842.99	3/4	4,473.01	3/4	4,103.04	3/4	3,733.00	3/4	3,362.87	3/4	2,992.74	3/4	2,622.61	3/4	2,252.48	3/4	1,882.36	3/4	1,512.23	3/4	1,142.10	3/4	771.97	3/4	403.03	3/4	48.66
6		6	5,205.27	6	4,835.28	6	4,465.30	6	4,095.34	6	3,725.28	6	3,355.16	6	2,985.03	6	2,614.90	6	2,244.77	6	1,874.64	6	1,504.52	6	1,134.39	6	764.26	6	395.36	6	44.34
1/4		1/4	5,197.56	1/4	4,827.58	1/4	4,457.59	1/4	4,087.63	1/4	3,717.57	1/4	3,347.45	1/4	2,977.32	1/4	2,607.19	1/4	2,237.06	1/4	1,866.93	1/4	1,496.81	1/4	1,126.68	1/4	756.55	1/4	387.68	1/4	40.01
1/2		1/2	5,189.85	1/2	4,819.87	1/2	4,449.88	1/2	4,079.92	1/2	3,709.86	1/2	3,339.73	1/2	2,969.61	1/2	2,599.48	1/2	2,229.35	1/2	1,859.22	1/2	1,489.09	1/2	1,118.97	1/2	748.84	1/2	380.01	1/2	35.69
3/4		3/4	5,182.14	3/4	4,812.16	3/4	4,442.18	3/4	4,072.22	3/4	3,702.15	3/4	3,332.02	3/4	2,961.90	3/4	2,591.77	3/4	2,221.64	3/4	1,851.51	3/4	1,481.38	3/4	1,111.26	3/4	741.13	3/4	372.33	3/4	32.70
7		7	5,174.44	7	4,804.45	7	4,434.47	7	4,064.51	7	3,694.44	7	3,324.31	7	2,954.18	7	2,584.06	7	2,213.93	7	1,843.80	7	1,473.67	7	1,103.54	7	733.42	7	364.65	7	29.72
1/4		1/4	5,166.73	1/4	4,796.74	1/4	4,426.76	1/4	4,056.80	1/4	3,686.73	1/4	3,316.60	1/4	2,946.47	1/4	2,576.35	1/4	2,206.22	1/4	1,836.09	1/4	1,465.96	1/4	1,095.83	1/4	725.71	1/4	356.98	1/4	26.73
1/2		1/2	5,159.02	1/2	4,789.04	1/2	4,419.05	1/2	4,049.09	1/2	3,679.02	1/2	3,308.89	1/2	2,938.76	1/2	2,568.63	1/2	2,198.51	1/2	1,828.38	1/2	1,458.25	1/2	1,088.12	1/2	717.99	1/2	349.30	1/2	23.75
3/4		3/4	5,151.31	3/4	4,781.33	3/4	4,411.34	3/4	4,041.39	3/4	3,671.31	3/4	3,301.18	3/4	2,931.05	3/4	2,560.92	3/4	2,210.80	3/4	1,820.67	3/4	1,450.54	3/4	1,080.41	3/4	710.28	3/4	341.63	3/4	22.11
8		8	5,143.60	8	4,773.62	8	4,403.64	8	4,033.68	8	3,663.60	8	3,293.47	8	2,923.34	8	2,553.21	8	2,183.08	8	1,812.96	8	1,442.83	8	1,072.70	8	702.57	8	333.95	8	20.46
1/4		1/4	5,135.90	1/4	4,765.91	1/4	4,395.93	1/4	4,025.97	1/4	3,655.89	1/4	3,285.76	1/4	2,915.63	1/4	2,545.50	1/4	2,175.37	1/4	1,805.25	1/4	1,435.12	1/4	1,064.99	1/4	694.86	1/4	326.27	1/4	18.82
1/2		1/2	5,128.19	1/2	4,758.20	1/2	4,388.22	1/2	4,018.27	1/2	3,648.17	1/2	3,278.05	1/2	2,907.92	1/2	2,537.79	1/2	2,167.66	1/2	1,797.53	1/2	1,427.41	1/2	1,057.28	1/2	687.15	1/2	318.60	1/2	17.17
3/4	5,475.05	3/4	5,120.48	3/4	4,750.50	3/4	4,380.51	3/4	4,010.56	3/4	3,640.46	3/4	3,270.34	3/4	2,900.21	3/4	2,530.08	3/4	2,159.95	3/4	1,789.82	3/4	1,419.70	3/4	1,049.57	3/4	679.44	3/4	310.92	3/4	16.70
9	5,470.23	9	5,112.77	9	4,742.79	9	4,372.80	9	4,002.85	9	3,632.75	9	3,262.62	9	2,892.50	9	2,522.37	9	2,152.24	9	1,782.11	9	1,411.98								



INSPECTORATE

# BARGE "HSM-3217" HARDIN ST. MARINE

## OUTGAGE TABLE

# 3 PORT OR STAR

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

HULL NO. T089

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	4,860.17	0	4,612.84	0	4,355.21	0	4,096.49	0	3,837.77	0	3,578.75	0	3,230.98	0	2,859.37	0	2,487.75	0	2,116.14	0	1,744.52	0	1,375.02	0	1,008.47	0	641.89	0	275.32
1/4		1/4	4,857.16	1/4	4,607.48	1/4	4,349.82	1/4	4,091.10	1/4	3,832.38	1/4	3,573.22	1/4	3,223.24	1/4	2,851.63	1/4	2,480.01	1/4	2,108.39	1/4	1,736.78	1/4	1,367.39	1/4	1,000.83	1/4	634.25	1/4	267.68
1/2		1/2	4,853.21	1/2	4,602.12	1/2	4,344.43	1/2	4,085.71	1/2	3,826.99	1/2	3,567.34	1/2	3,215.50	1/2	2,843.88	1/2	2,472.27	1/2	2,100.65	1/2	1,729.04	1/2	1,359.75	1/2	993.19	1/2	626.62	1/2	260.04
3/4		3/4	4,849.26	3/4	4,596.76	3/4	4,339.04	3/4	4,080.32	3/4	3,821.60	3/4	3,561.46	3/4	3,207.76	3/4	2,836.14	3/4	2,464.53	3/4	2,092.91	3/4	1,721.29	3/4	1,352.12	3/4	985.56	3/4	618.98	3/4	252.40
1		1	4,845.31	1	4,591.41	1	4,333.65	1	4,074.93	1	3,816.21	1	3,555.58	1	3,200.02	1	2,828.40	1	2,456.78	1	2,085.17	1	1,713.55	1	1,344.48	1	977.92	1	611.34	1	244.77
1/4		1/4	4,841.36	1/4	4,586.05	1/4	4,328.26	1/4	4,069.54	1/4	3,810.82	1/4	3,549.71	1/4	3,192.27	1/4	2,820.66	1/4	2,449.04	1/4	2,077.43	1/4	1,705.81	1/4	1,336.84	1/4	970.28	1/4	603.71	1/4	237.13
1/2		1/2	4,836.47	1/2	4,580.69	1/2	4,322.87	1/2	4,064.15	1/2	3,805.43	1/2	3,543.44	1/2	3,184.53	1/2	2,812.92	1/2	2,441.30	1/2	2,069.68	1/2	1,698.07	1/2	1,329.21	1/2	962.65	1/2	596.07	1/2	229.49
3/4		3/4	4,831.58	3/4	4,575.33	3/4	4,317.48	3/4	4,058.76	3/4	3,800.04	3/4	3,537.17	3/4	3,176.79	3/4	2,805.17	3/4	2,433.56	3/4	2,061.94	3/4	1,690.33	3/4	1,321.57	3/4	955.01	3/4	588.43	3/4	221.86
2		2	4,826.69	2	4,569.97	2	4,312.09	2	4,053.37	2	3,794.65	2	3,530.90	2	3,169.05	2	2,797.43	2	2,425.82	2	2,054.20	2	1,682.58	2	1,313.94	2	947.37	2	580.80	2	214.22
1/4		1/4	4,821.80	1/4	4,564.62	1/4	4,306.70	1/4	4,047.98	1/4	3,789.26	1/4	3,524.63	1/4	3,161.31	1/4	2,789.69	1/4	2,418.07	1/4	2,046.46	1/4	1,674.84	1/4	1,306.30	1/4	939.73	1/4	573.16	1/4	206.58
1/2		1/2	4,816.44	1/2	4,559.26	1/2	4,301.31	1/2	4,042.59	1/2	3,783.87	1/2	3,517.97	1/2	3,153.56	1/2	2,781.95	1/2	2,410.33	1/2	2,038.72	1/2	1,667.10	1/2	1,298.66	1/2	932.10	1/2	565.52	1/2	198.95
3/4		3/4	4,811.08	3/4	4,553.90	3/4	4,295.92	3/4	4,037.20	3/4	3,778.48	3/4	3,511.31	3/4	3,145.82	3/4	2,774.21	3/4	2,402.59	3/4	2,030.97	3/4	1,659.36	3/4	1,291.03	3/4	924.46	3/4	557.88	3/4	191.31
3		3	4,805.73	3	4,548.54	3	4,290.53	3	4,031.81	3	3,773.09	3	3,504.65	3	3,138.08	3	2,766.46	3	2,394.85	3	2,023.23	3	1,651.62	3	1,283.39	3	916.82	3	550.25	3	183.67
1/4		1/4	4,800.37	1/4	4,543.18	1/4	4,285.14	1/4	4,026.42	1/4	3,767.70	1/4	3,497.99	1/4	3,130.34	1/4	2,758.72	1/4	2,387.11	1/4	2,015.49	1/4	1,643.87	1/4	1,275.76	1/4	909.19	1/4	542.61	1/4	176.03
1/2		1/2	4,795.01	1/2	4,537.83	1/2	4,279.75	1/2	4,021.03	1/2	3,762.31	1/2	3,490.94	1/2	3,122.60	1/2	2,750.98	1/2	2,379.36	1/2	2,007.75	1/2	1,636.13	1/2	1,268.12	1/2	901.55	1/2	534.97	1/2	168.40
3/4		3/4	4,789.65	3/4	4,532.47	3/4	4,274.36	3/4	4,015.64	3/4	3,756.92	3/4	3,483.89	3/4	3,114.85	3/4	2,743.24	3/4	2,371.62	3/4	2,000.01	3/4	1,628.39	3/4	1,260.48	3/4	893.91	3/4	527.34	3/4	160.76
4		4	4,784.29	4	4,527.11	4	4,268.97	4	4,010.25	4	3,751.53	4	3,476.84	4	3,107.11	4	2,735.50	4	2,363.88	4	1,992.26	4	1,620.65	4	1,252.85	4	886.28	4	519.70	4	153.12
1/4		1/4	4,778.94	1/4	4,521.75	1/4	4,263.58	1/4	4,004.86	1/4	3,746.14	1/4	3,469.79	1/4	3,100.37	1/4	2,727.75	1/4	2,356.14	1/4	1,984.52	1/4	1,612.91	1/4	1,245.21	1/4	878.64	1/4	512.06	1/4	145.49
1/2		1/2	4,773.58	1/2	4,516.39	1/2	4,258.19	1/2	3,999.47	1/2	3,740.75	1/2	3,462.34	1/2	3,091.63	1/2	2,720.01	1/2	2,348.40	1/2	1,976.78	1/2	1,605.16	1/2	1,237.58	1/2	871.00	1/2	504.43	1/2	137.85
3/4		3/4	4,768.22	3/4	4,511.04	3/4	4,252.80	3/4	3,994.08	3/4	3,735.36	3/4	3,454.90	3/4	3,083.89	3/4	2,712.27	3/4	2,340.65	3/4	1,969.04	3/4	1,597.42	3/4	1,229.94	3/4	863.36	3/4	496.79	3/4	130.21
5		5	4,762.86	5	4,505.68	5	4,247.41	5	3,988.69	5	3,729.97	5	3,447.46	5	3,076.14	5	2,704.53	5	2,332.91	5	1,961.30	5	1,589.68	5	1,222.30	5	855.73	5	489.15	5	122.58
1/4		1/4	4,757.50	1/4	4,500.32	1/4	4,242.02	1/4	3,983.30	1/4	3,724.58	1/4	3,440.02	1/4	3,068.40	1/4	2,696.79	1/4	2,325.17	1/4	1,953.55	1/4	1,581.94	1/4	1,214.67	1/4	848.09	1/4	481.51	1/4	114.94
1/2		1/2	4,752.15	1/2	4,494.96	1/2	4,236.63	1/2	3,977.91	1/2	3,719.19	1/2	3,432.28	1/2	3,060.66	1/2	2,689.04	1/2	2,317.43	1/2	1,945.81	1/2	1,574.20	1/2	1,207.03	1/2	840.45	1/2	473.88	1/2	107.30
3/4		3/4	4,746.79	3/4	4,489.60	3/4	4,231.24	3/4	3,972.52	3/4	3,713.80	3/4	3,424.53	3/4	3,052.92	3/4	2,681.30	3/4	2,309.69	3/4	1,938.07	3/4	1,566.45	3/4	1,199.39	3/4	832.82	3/4	466.24	3/4	99.66
6		6	4,741.43	6	4,484.25	6	4,225.85	6	3,967.13	6	3,708.41	6	3,416.79	6	3,045.18	6	2,673.56	6	2,301.94	6	1,930.33	6	1,558.71	6	1,191.76	6	825.18	6	458.60	6	92.03
1/4		1/4	4,736.07	1/4	4,478.89	1/4	4,220.46	1/4	3,961.74	1/4	3,703.02	1/4	3,409.05	1/4	3,037.43	1/4	2,665.82	1/4	2,294.20	1/4	1,922.59	1/4	1,550.97	1/4	1,184.12	1/4	817.54	1/4	450.97	1/4	84.39
1/2		1/2	4,730.71	1/2	4,473.53	1/2	4,215.07	1/2	3,956.35	1/2	3,697.63	1/2	3,401.31	1/2	3,029.69	1/2	2,658.08	1/2	2,286.46	1/2	1,914.84	1/2	1,543.23	1/2	1,176.48	1/2	809.91	1/2	443.33	1/2	76.75
3/4		3/4	4,725.36	3/4	4,468.17	3/4	4,209.68	3/4	3,950.96	3/4	3,692.24	3/4	3,393.57	3/4	3,021.95	3/4	2,650.33	3/4	2,278.72	3/4	1,907.10	3/4	1,535.49	3/4	1,168.84	3/4	802.27	3/4	435.69	3/4	69.12
7		7	4,720.00	7	4,462.81	7	4,204.29	7	3,945.57	7	3,686.85	7	3,385.82	7	3,014.21	7	2,642.59	7	2,270.98	7	1,899.36	7	1,527.74	7	1,161.21	7	794.63	7	428.06	7	61.48
1/4		1/4	4,714.64	1/4	4,457.46	1/4	4,198.90	1/4	3,940.18	1/4	3,681.46	1/4	3,378.08	1/4	3,006.47	1/4	2,634.85	1/4	2,263.23	1/4	1,891.62	1/4	1,520.11	1/4	1,153.57	1/4	786.99	1/4	420.42	1/4	54.79
1/2		1/2	4,709.28	1/2	4,452.10	1/2	4,193.51	1/2	3,934.79	1/2	3,676.07	1/2	3,370.34	1/2	2,998.72	1/2	2,627.11	1/2	2,255.49	1/2	1,883.88	1/2	1,512.47	1/2	1,145.93	1/2	779.36	1/2	412.78	1/2	48.11
3/4		3/4	4,703.92	3/4	4,446.74	3/4	4,188.12	3/4	3,929.40	3/4	3,670.68	3/4	3,362.60	3/4	2,990.98	3/4	2,619.37	3/4	2,247.75	3/4	1,876.13	3/4	1,504.84	3/4	1,138.30	3/4	771.72	3/4	405.14	3/4	41.42
8		8	4,698.57	8	4,441.38	8	4,182.73	8	3,924.01	8	3,665.29	8	3,354.86	8	2,983.24	8	2,611.62	8	2,240.01	8	1,868.39	8	1,497.20	8	1,130.66	8	764.08	8	397.51	8	34.73
1/4		1/4	4,693.21	1/4	4,436.02	1/4	4,177.34	1/4	3,918.62	1/4	3,659.90	1/4	3,347.11	1/4	2,975.50	1/4	2,603.88	1/4	2,232.27	1/4	1,860.65	1/4	1,489.56	1/4	1,123.02	1/4	756.45	1/4	389.87	1/4	29.95
1/2	4,882.99	1/2	4,687.85	1/2	4,430.67	1/2	4,171.95	1/2	3,913.23	1/2	3,654.51	1/2	3,339.37	1/2	2,967.76	1/2	2,596.14	1/2	2,224.52	1/2	1,852.91	1/2	1,481.93	1/2	1,115.39	1/2	748.81	1/2	382.23	1/2	25.18
3/4	4,882.67	3/4	4,682.49	3/4	4,425.28	3/4	4,166.56	3/4	3,907.84	3/4	3,649.12	3/4	3,331.63	3/4	2,960.01	3/4	2,588.40	3/4	2,216.78	3/4	1,845.17	3/4	1,474.29	3/4	1,107.75	3/4	741.17	3/4	374.60	3/4	20.40
9	4,882.36	9	4,677.13	9	4,419.89	9	4,161.17	9	3,902.45	9	3,643.73	9	3,323.89	9	2,952.27	9	2,580.66	9	2,209.04	9	1										



**INSPECTORATE**

# BARGE "HSM-3217" HARDIN ST. MARINE

## OUTAGE TABLE

# 1 PORT

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

HULL NO. T089

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	4,719.04	0	4,389.57	0	4,059.67	0	3,729.62	0	3,399.57	0	3,069.52	0	2,739.48	0	2,409.43	0	2,079.38	0	1,749.33	0	1,419.28	0	1,089.28	0	758.47	0	427.65	0	96.84		
1/4	1/4	4,712.18	1/4	4,382.71	1/4	4,052.79	1/4	3,722.74	1/4	3,392.70	1/4	3,062.65	1/4	2,732.60	1/4	2,402.55	1/4	2,072.50	1/4	1,742.46	1/4	1,412.41	1/4	1,082.39	1/4	751.58	1/4	420.76	1/4	89.94		
1/2	1/2	4,705.32	1/2	4,375.84	1/2	4,045.92	1/2	3,715.87	1/2	3,385.82	1/2	3,055.77	1/2	2,725.72	1/2	2,395.68	1/2	2,065.63	1/2	1,735.58	1/2	1,405.53	1/2	1,075.50	1/2	744.68	1/2	413.87	1/2	83.05		
3/4	3/4	4,698.45	3/4	4,368.98	3/4	4,039.04	3/4	3,708.99	3/4	3,378.94	3/4	3,048.90	3/4	2,718.85	3/4	2,388.80	3/4	2,058.75	3/4	1,728.70	3/4	1,398.66	3/4	1,068.61	3/4	737.79	3/4	406.98	3/4	76.16		
1	1	4,691.59	1	4,362.12	1	4,032.16	1	3,702.12	1	3,372.07	1	3,042.02	1	2,711.97	1	2,381.92	1	2,051.88	1	1,721.83	1	1,391.78	1	1,061.72	1	730.90	1	400.08	1	69.27		
1/4	1/4	4,684.72	1/4	4,355.25	1/4	4,025.29	1/4	3,695.24	1/4	3,365.19	1/4	3,035.14	1/4	2,705.10	1/4	2,375.05	1/4	2,045.00	1/4	1,714.95	1/4	1,384.90	1/4	1,054.82	1/4	724.01	1/4	393.19	1/4	62.38		
1/2	1/2	4,677.86	1/2	4,348.39	1/2	4,018.41	1/2	3,688.36	1/2	3,358.32	1/2	3,028.27	1/2	2,698.22	1/2	2,368.17	1/2	2,038.12	1/2	1,708.08	1/2	1,378.03	1/2	1,047.93	1/2	717.12	1/2	386.30	1/2	55.48		
3/4	3/4	4,671.00	3/4	4,341.52	3/4	4,011.54	3/4	3,681.49	3/4	3,351.44	3/4	3,021.39	3/4	2,691.34	3/4	2,361.30	3/4	2,031.25	3/4	1,701.20	3/4	1,371.15	3/4	1,041.04	3/4	710.22	3/4	379.41	3/4	49.45		
2	2	4,664.13	2	4,334.66	2	4,004.66	2	3,674.61	2	3,344.56	2	3,014.52	2	2,684.47	2	2,354.42	2	2,024.37	2	1,694.32	2	1,364.28	2	1,034.15	2	703.33	2	372.52	2	43.42		
1/4	1/4	4,657.27	1/4	4,327.80	1/4	3,997.78	1/4	3,667.74	1/4	3,337.69	1/4	3,007.64	1/4	2,677.59	1/4	2,347.54	1/4	2,017.50	1/4	1,687.45	1/4	1,357.41	1/4	1,027.26	1/4	696.44	1/4	365.62	1/4	37.39		
1/2	1/2	4,650.40	1/2	4,320.93	1/2	3,990.91	1/2	3,660.86	1/2	3,330.81	1/2	3,000.76	1/2	2,670.72	1/2	2,340.67	1/2	2,010.62	1/2	1,680.57	1/2	1,350.53	1/2	1,020.36	1/2	689.55	1/2	358.73	1/2	31.36		
3/4	3/4	4,643.54	3/4	4,314.07	3/4	3,984.03	3/4	3,653.98	3/4	3,323.94	3/4	2,993.89	3/4	2,663.84	3/4	2,333.79	3/4	2,003.74	3/4	1,673.70	3/4	1,343.66	3/4	1,013.47	3/4	682.66	3/4	351.84	3/4	27.05		
3	3	4,886.88	3	4,636.68	3	4,307.20	3	3,977.16	3	3,647.11	3	3,317.06	3	2,987.01	3	2,656.96	3	2,326.92	3	1,996.87	3	1,666.82	3	1,336.78	3	1,006.58	3	675.76	3	344.95	3	22.74
1/4	1/4	4,886.46	1/4	4,629.81	1/4	4,300.33	1/4	3,970.28	1/4	3,640.23	1/4	3,310.18	1/4	2,980.14	1/4	2,650.09	1/4	2,320.04	1/4	1,989.99	1/4	1,659.94	1/4	1,329.91	1/4	999.69	1/4	668.87	1/4	338.06	1/4	18.44
1/2	1/2	4,886.04	1/2	4,622.95	1/2	4,293.45	1/2	3,963.40	1/2	3,633.36	1/2	3,303.31	1/2	2,973.26	1/2	2,643.21	1/2	2,313.16	1/2	1,983.12	1/2	1,653.07	1/2	1,323.04	1/2	992.80	1/2	661.98	1/2	331.16	1/2	14.13
3/4	3/4	4,885.62	3/4	4,616.08	3/4	4,286.58	3/4	3,956.53	3/4	3,626.48	3/4	3,296.43	3/4	2,966.38	3/4	2,636.34	3/4	2,306.29	3/4	1,976.24	3/4	1,646.19	3/4	1,316.16	3/4	985.90	3/4	655.09	3/4	324.27	3/4	
4	4	4,884.15	4	4,609.22	4	4,279.70	4	3,949.65	4	3,619.60	4	3,289.56	4	2,959.51	4	2,629.46	4	2,299.41	4	1,969.36	4	1,639.32	4	1,309.29	4	979.01	4	648.20	4	317.38	4	
1/4	1/4	4,882.68	1/4	4,602.36	1/4	4,272.82	1/4	3,942.78	1/4	3,612.73	1/4	3,282.68	1/4	2,952.63	1/4	2,622.58	1/4	2,292.54	1/4	1,962.49	1/4	1,632.44	1/4	1,302.41	1/4	972.12	1/4	641.30	1/4	310.49	1/4	
1/2	1/2	4,881.21	1/2	4,595.49	1/2	4,265.95	1/2	3,935.90	1/2	3,605.85	1/2	3,275.80	1/2	2,945.76	1/2	2,615.71	1/2	2,285.66	1/2	1,955.61	1/2	1,625.56	1/2	1,295.54	1/2	965.23	1/2	634.41	1/2	303.60	1/2	
3/4	3/4	4,879.74	3/4	4,588.63	3/4	4,259.07	3/4	3,929.02	3/4	3,598.98	3/4	3,268.93	3/4	2,938.88	3/4	2,608.83	3/4	2,278.78	3/4	1,948.74	3/4	1,618.69	3/4	1,288.67	3/4	958.34	3/4	627.52	3/4	296.70	3/4	
5	5	4,877.07	5	4,581.76	5	4,252.20	5	3,922.15	5	3,592.10	5	3,262.05	5	2,932.00	5	2,601.96	5	2,271.91	5	1,941.86	5	1,611.81	5	1,281.79	5	951.44	5	620.63	5	289.81	5	
1/4	1/4	4,874.40	1/4	4,574.90	1/4	4,245.32	1/4	3,915.27	1/4	3,585.22	1/4	3,255.18	1/4	2,925.13	1/4	2,595.08	1/4	2,265.03	1/4	1,934.98	1/4	1,604.94	1/4	1,274.92	1/4	944.55	1/4	613.74	1/4	282.92	1/4	
1/2	1/2	4,871.74	1/2	4,568.04	1/2	4,238.44	1/2	3,908.40	1/2	3,578.35	1/2	3,248.30	1/2	2,918.25	1/2	2,588.20	1/2	2,258.16	1/2	1,928.11	1/2	1,598.06	1/2	1,268.04	1/2	937.66	1/2	606.84	1/2	276.03	1/2	
3/4	3/4	4,869.07	3/4	4,561.17	3/4	4,231.57	3/4	3,901.52	3/4	3,571.47	3/4	3,241.42	3/4	2,911.38	3/4	2,581.33	3/4	2,251.28	3/4	1,921.23	3/4	1,591.18	3/4	1,261.17	3/4	930.77	3/4	599.95	3/4	269.14	3/4	
6	6	4,865.20	6	4,554.31	6	4,224.69	6	3,894.64	6	3,564.60	6	3,234.55	6	2,904.50	6	2,574.45	6	2,244.40	6	1,914.36	6	1,584.31	6	1,254.30	6	923.88	6	593.06	6	262.24	6	
1/4	1/4	4,861.33	1/4	4,547.44	1/4	4,217.82	1/4	3,887.77	1/4	3,557.72	1/4	3,227.67	1/4	2,897.62	1/4	2,567.58	1/4	2,237.53	1/4	1,907.48	1/4	1,577.43	1/4	1,244.42	1/4	916.98	1/4	586.17	1/4	255.35	1/4	
1/2	1/2	4,857.47	1/2	4,540.58	1/2	4,210.94	1/2	3,880.89	1/2	3,550.84	1/2	3,220.80	1/2	2,890.75	1/2	2,560.70	1/2	2,230.65	1/2	1,900.60	1/2	1,570.56	1/2	1,240.55	1/2	910.09	1/2	579.28	1/2	248.46	1/2	
3/4	3/4	4,853.60	3/4	4,533.72	3/4	4,204.06	3/4	3,874.02	3/4	3,543.97	3/4	3,213.92	3/4	2,883.87	3/4	2,553.82	3/4	2,223.78	3/4	1,893.73	3/4	1,563.68	3/4	1,233.67	3/4	903.20	3/4	572.38	3/4	241.57	3/4	
7	7	4,848.53	7	4,526.85	7	4,197.19	7	3,867.14	7	3,537.09	7	3,207.04	7	2,877.00	7	2,546.95	7	2,216.90	7	1,886.85	7	1,556.80	7	1,226.80	7	896.31	7	565.49	7	234.68	7	
1/4	1/4	4,843.47	1/4	4,519.99	1/4	4,190.31	1/4	3,860.26	1/4	3,530.22	1/4	3,200.17	1/4	2,870.12	1/4	2,540.07	1/4	2,210.02	1/4	1,879.98	1/4	1,549.93	1/4	1,219.93	1/4	889.42	1/4	558.60	1/4	227.78	1/4	
1/2	1/2	4,838.40	1/2	4,513.12	1/2	4,183.44	1/2	3,853.39	1/2	3,523.34	1/2	3,193.29	1/2	2,863.24	1/2	2,533.20	1/2	2,203.15	1/2	1,873.10	1/2	1,543.05	1/2	1,213.05	1/2	882.52	1/2	551.71	1/2	220.89	1/2	
3/4	3/4	4,833.34	3/4	4,506.26	3/4	4,176.56	3/4	3,846.51	3/4	3,516.46	3/4	3,186.42	3/4	2,856.37	3/4	2,526.32	3/4	2,196.27	3/4	1,866.22	3/4	1,536.18	3/4	1,206.18	3/4	875.63	3/4	544.82	3/4	214.00	3/4	
8	8	4,827.07	8	4,499.40	8	4,169.68	8	3,839.64	8	3,509.59	8	3,179.54																				



**INSPECTORATE**

# BARGE "HSM-3217" HARDIN ST. MARINE

## OUTAGE TABLE

# 1 STAR

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

HULL NO. T089

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	4,705.32	0	4,375.84	0	4,045.92	0	3,715.87	0	3,385.82	0	3,055.77	0	2,725.72	0	2,395.68	0	2,065.63	0	1,735.58	0	1,405.53	0	1,075.50	0	744.68	0	413.87	0	83.05		
1/4	1/4	4,698.45	1/4	4,368.98	1/4	4,039.04	1/4	3,708.99	1/4	3,378.94	1/4	3,048.90	1/4	2,718.85	1/4	2,388.80	1/4	2,058.75	1/4	1,728.70	1/4	1,398.66	1/4	1,068.61	1/4	737.79	1/4	406.98	1/4	76.16		
1/2	1/2	4,691.59	1/2	4,362.12	1/2	4,032.16	1/2	3,702.12	1/2	3,372.07	1/2	3,042.02	1/2	2,711.97	1/2	2,381.92	1/2	2,051.88	1/2	1,721.83	1/2	1,391.78	1/2	1,061.72	1/2	730.90	1/2	400.08	1/2	69.27		
3/4	3/4	4,684.72	3/4	4,355.25	3/4	4,025.29	3/4	3,695.24	3/4	3,365.19	3/4	3,035.14	3/4	2,705.10	3/4	2,375.05	3/4	2,045.00	3/4	1,714.95	3/4	1,384.90	3/4	1,054.82	3/4	724.01	3/4	393.19	3/4	62.38		
1	1	4,677.86	1	4,348.39	1	4,018.41	1	3,688.36	1	3,358.32	1	3,028.27	1	2,698.22	1	2,368.17	1	2,038.12	1	1,708.08	1	1,378.03	1	1,047.93	1	717.12	1	386.30	1	55.48		
1/4	1/4	4,671.00	1/4	4,341.52	1/4	4,011.54	1/4	3,681.49	1/4	3,351.44	1/4	3,021.39	1/4	2,691.34	1/4	2,361.30	1/4	2,031.25	1/4	1,701.20	1/4	1,371.15	1/4	1,041.04	1/4	710.22	1/4	379.41	1/4	49.45		
1/2	1/2	4,664.13	1/2	4,334.66	1/2	4,004.66	1/2	3,674.61	1/2	3,344.56	1/2	3,014.52	1/2	2,684.47	1/2	2,354.42	1/2	2,024.37	1/2	1,694.32	1/2	1,364.28	1/2	1,034.15	1/2	703.33	1/2	372.52	1/2	43.42		
3/4	3/4	4,657.27	3/4	4,327.80	3/4	3,997.78	3/4	3,667.74	3/4	3,337.69	3/4	3,007.64	3/4	2,677.59	3/4	2,347.54	3/4	2,017.50	3/4	1,687.45	3/4	1,357.41	3/4	1,027.26	3/4	696.44	3/4	365.62	3/4	37.39		
2	2	4,650.40	2	4,320.93	2	3,990.91	2	3,660.86	2	3,330.81	2	3,000.76	2	2,670.72	2	2,340.67	2	2,010.62	2	1,680.57	2	1,350.53	2	1,020.36	2	689.55	2	358.73	2	31.36		
1/4	1/4	4,643.54	1/4	4,314.07	1/4	3,984.03	1/4	3,653.98	1/4	3,323.94	1/4	2,993.89	1/4	2,663.84	1/4	2,333.79	1/4	2,003.74	1/4	1,673.70	1/4	1,343.66	1/4	1,013.47	1/4	682.66	1/4	351.84	1/4	27.05		
1/2	1/2	4,886.88	1/2	4,636.68	1/2	4,307.20	1/2	3,977.16	1/2	3,647.11	1/2	3,317.06	1/2	2,987.01	1/2	2,656.96	1/2	2,326.92	1/2	1,996.87	1/2	1,666.82	1/2	1,336.78	1/2	1,006.58	1/2	344.95	1/2	22.74		
3/4	3/4	4,886.46	3/4	4,629.81	3/4	4,300.33	3/4	3,970.28	3/4	3,640.23	3/4	3,310.18	3/4	2,980.14	3/4	2,650.09	3/4	2,320.04	3/4	1,989.99	3/4	1,659.94	3/4	1,329.91	3/4	999.69	3/4	338.06	3/4	18.44		
3	3	4,886.04	3	4,622.95	3	4,293.45	3	3,963.40	3	3,633.36	3	3,303.31	3	2,973.26	3	2,643.21	3	2,313.16	3	1,983.12	3	1,653.07	3	1,323.04	3	992.80	3	661.98	3	331.16	3	* 14.13
1/4	1/4	4,885.62	1/4	4,616.08	1/4	4,286.58	1/4	3,956.53	1/4	3,626.48	1/4	3,296.43	1/4	2,966.38	1/4	2,636.34	1/4	2,306.29	1/4	1,976.24	1/4	1,646.19	1/4	1,316.16	1/4	985.90	1/4	655.09	1/4	324.27	1/4	
1/2	1/2	4,884.15	1/2	4,609.22	1/2	4,279.70	1/2	3,949.65	1/2	3,619.60	1/2	3,289.56	1/2	2,959.51	1/2	2,629.46	1/2	2,299.41	1/2	1,969.36	1/2	1,639.32	1/2	1,309.29	1/2	979.01	1/2	648.20	1/2	317.38	1/2	
3/4	3/4	4,882.68	3/4	4,602.36	3/4	4,272.82	3/4	3,942.78	3/4	3,612.73	3/4	3,282.68	3/4	2,952.63	3/4	2,622.58	3/4	2,292.54	3/4	1,962.49	3/4	1,632.44	3/4	1,302.41	3/4	972.12	3/4	641.30	3/4	310.49	3/4	
4	4	4,881.21	4	4,595.49	4	4,265.95	4	3,935.90	4	3,605.85	4	3,275.80	4	2,945.76	4	2,615.71	4	2,285.66	4	1,955.61	4	1,625.56	4	1,295.54	4	965.23	4	634.41	4	303.60	4	
1/4	1/4	4,879.74	1/4	4,589.62	1/4	4,259.07	1/4	3,929.02	1/4	3,598.98	1/4	3,268.93	1/4	2,938.88	1/4	2,608.83	1/4	2,278.78	1/4	1,948.74	1/4	1,618.69	1/4	1,288.67	1/4	958.34	1/4	627.52	1/4	296.70	1/4	
1/2	1/2	4,877.07	1/2	4,581.76	1/2	4,252.20	1/2	3,922.15	1/2	3,592.10	1/2	3,262.05	1/2	2,932.00	1/2	2,601.96	1/2	2,271.91	1/2	1,941.86	1/2	1,611.81	1/2	1,281.79	1/2	951.44	1/2	620.63	1/2	289.81	1/2	
3/4	3/4	4,874.40	3/4	4,574.90	3/4	4,245.32	3/4	3,915.27	3/4	3,585.22	3/4	3,255.18	3/4	2,925.13	3/4	2,595.08	3/4	2,265.03	3/4	1,934.98	3/4	1,604.94	3/4	1,274.92	3/4	944.55	3/4	613.74	3/4	282.92	3/4	
5	5	4,871.74	5	4,568.04	5	4,238.44	5	3,908.40	5	3,578.35	5	3,248.30	5	2,918.25	5	2,588.20	5	2,258.16	5	1,928.11	5	1,598.06	5	1,268.04	5	937.66	5	606.84	5	276.03	5	
1/4	1/4	4,869.07	1/4	4,561.17	1/4	4,231.57	1/4	3,901.52	1/4	3,571.47	1/4	3,241.42	1/4	2,911.38	1/4	2,581.33	1/4	2,251.28	1/4	1,921.23	1/4	1,591.18	1/4	1,261.17	1/4	930.77	1/4	599.95	1/4	269.14	1/4	
1/2	1/2	4,865.20	1/2	4,554.31	1/2	4,224.69	1/2	3,894.64	1/2	3,564.60	1/2	3,234.55	1/2	2,904.50	1/2	2,574.45	1/2	2,244.40	1/2	1,914.36	1/2	1,584.31	1/2	1,254.30	1/2	923.88	1/2	593.06	1/2	262.24	1/2	
3/4	3/4	4,861.33	3/4	4,547.44	3/4	4,217.82	3/4	3,887.77	3/4	3,557.72	3/4	3,227.67	3/4	2,897.62	3/4	2,567.58	3/4	2,237.53	3/4	1,907.48	3/4	1,577.43	3/4	1,247.42	3/4	916.98	3/4	586.17	3/4	255.35	3/4	
6	6	4,857.47	6	4,540.58	6	4,210.94	6	3,880.89	6	3,550.84	6	3,220.80	6	2,890.75	6	2,560.70	6	2,230.65	6	1,900.60	6	1,570.56	6	1,240.55	6	910.09	6	579.28	6	248.46	6	
1/4	1/4	4,853.60	1/4	4,533.72	1/4	4,204.06	1/4	3,874.02	1/4	3,543.97	1/4	3,213.92	1/4	2,883.87	1/4	2,553.82	1/4	2,223.78	1/4	1,893.73	1/4	1,563.68	1/4	1,233.67	1/4	903.20	1/4	572.38	1/4	241.57	1/4	
1/2	1/2	4,848.53	1/2	4,526.85	1/2	4,197.19	1/2	3,867.14	1/2	3,537.09	1/2	3,207.04	1/2	2,877.00	1/2	2,546.95	1/2	2,216.90	1/2	1,886.85	1/2	1,556.80	1/2	1,226.80	1/2	896.31	1/2	565.49	1/2	234.68	1/2	
3/4	3/4	4,843.47	3/4	4,519.99	3/4	4,190.31	3/4	3,860.26	3/4	3,530.22	3/4	3,200.17	3/4	2,870.12	3/4	2,540.07	3/4	2,210.02	3/4	1,879.98	3/4	1,549.93	3/4	1,219.93	3/4	889.42	3/4	558.60	3/4	227.78	3/4	
7	7	4,838.40	7	4,513.12	7	4,183.44	7	3,853.39	7	3,523.34	7	3,193.29	7	2,863.24	7	2,533.20	7	2,203.15	7	1,873.10	7	1,543.05	7	1,213.05	7	882.52	7	551.71	7	220.89	7	
1/4	1/4	4,833.34	1/4	4,506.26	1/4	4,176.56	1/4	3,846.51	1/4	3,516.46	1/4	3,186.42	1/4	2,856.37	1/4	2,526.32	1/4	2,196.27	1/4	1,866.22	1/4	1,536.18	1/4	1,206.18	1/4	875.63	1/4	544.82	1/4	214.00	1/4	
1/2	1/2	4,827.07	1/2	4,499.40	1/2	4,169.68	1/2	3,839.64	1/2	3,509.59	1/2	3,179.54	1/2	2,849.49	1/2	2,519.44	1/2	2,189.40	1/2	1,859.35	1/2	1,529.30	1/2	1,199.30	1/2	868.74	1/2	537.92	1/2	207.11	1/2	
3/4	3/4	4,820.81	3/4	4,492.53	3/4	4,162.81	3/4	3,832.76	3/4	3,502.71	3/4	3,172.66	3/4	2,842.62	3/4	2,512.57	3/4	2,182.52	3/4	1,852.47	3/4	1,522.42	3/4	1,192.43	3/4	861.85	3/4	531.03	3/4	200.22	3/4	
8	8	4,814.54	8	4,485.67	8	4,155.93	8	3,825.88	8	3,495.84	8	3,165.79	8	2,835.74	8																	



**INSPECTORATE**

# BARGE "HSM-3217" HARDIN ST. MARINE

## OUTAGE TABLE

# 2 PORT

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

HULL NO. T089

IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0		0	5,212.98	0	4,842.99	0	4,473.01	0	4,103.04	0	3,733.00	0	3,362.87	0	2,992.74	0	2,622.61	0	2,252.48	0	1,882.36	0	1,512.23	0	1,142.10	0	771.97	0	403.03	0	48.66
1/4		1/4	5,205.27	1/4	4,835.28	1/4	4,465.30	1/4	4,095.34	1/4	3,725.28	1/4	3,355.16	1/4	2,985.03	1/4	2,614.90	1/4	2,244.77	1/4	1,874.64	1/4	1,504.52	1/4	1,134.39	1/4	764.26	1/4	395.36	1/4	44.34
1/2		1/2	5,197.56	1/2	4,827.58	1/2	4,457.59	1/2	4,087.63	1/2	3,717.57	1/2	3,347.45	1/2	2,977.32	1/2	2,607.19	1/2	2,237.06	1/2	1,866.93	1/2	1,496.81	1/2	1,126.68	1/2	756.55	1/2	387.68	1/2	40.01
3/4		3/4	5,189.85	3/4	4,819.87	3/4	4,449.88	3/4	4,079.92	3/4	3,709.86	3/4	3,339.73	3/4	2,969.61	3/4	2,599.48	3/4	2,229.35	3/4	1,859.22	3/4	1,489.09	3/4	1,118.97	3/4	748.84	3/4	380.01	3/4	35.69
1		1	5,182.14	1	4,812.16	1	4,442.18	1	4,072.22	1	3,702.15	1	3,332.02	1	2,961.90	1	2,591.77	1	2,221.64	1	1,851.51	1	1,481.38	1	1,111.26	1	741.13	1	372.33	1	32.70
1/4		1/4	5,174.44	1/4	4,804.45	1/4	4,434.47	1/4	4,064.51	1/4	3,694.44	1/4	3,324.31	1/4	2,954.18	1/4	2,584.06	1/4	2,213.93	1/4	1,843.80	1/4	1,473.67	1/4	1,103.54	1/4	733.42	1/4	364.65	1/4	29.72
1/2		1/2	5,166.73	1/2	4,796.74	1/2	4,426.76	1/2	4,056.80	1/2	3,686.73	1/2	3,316.60	1/2	2,946.47	1/2	2,576.35	1/2	2,206.22	1/2	1,836.09	1/2	1,465.96	1/2	1,095.83	1/2	725.71	1/2	356.98	1/2	26.73
3/4		3/4	5,159.02	3/4	4,789.04	3/4	4,419.05	3/4	4,049.09	3/4	3,679.02	3/4	3,308.89	3/4	2,938.76	3/4	2,568.63	3/4	2,198.51	3/4	1,828.38	3/4	1,458.25	3/4	1,088.12	3/4	717.99	3/4	349.30	3/4	23.75
2		2	5,151.31	2	4,781.33	2	4,411.34	2	4,041.39	2	3,671.31	2	3,301.18	2	2,931.05	2	2,560.92	2	2,190.80	2	1,820.67	2	1,450.54	2	1,080.41	2	710.28	2	341.63	2	22.11
1/4		1/4	5,143.60	1/4	4,773.62	1/4	4,403.64	1/4	4,033.68	1/4	3,663.60	1/4	3,293.47	1/4	2,923.34	1/4	2,553.21	1/4	2,183.08	1/4	1,812.96	1/4	1,442.83	1/4	1,072.70	1/4	702.57	1/4	333.95	1/4	20.46
1/2		1/2	5,135.90	1/2	4,765.91	1/2	4,395.93	1/2	4,025.97	1/2	3,655.89	1/2	3,285.76	1/2	2,915.63	1/2	2,545.50	1/2	2,175.37	1/2	1,805.25	1/2	1,435.12	1/2	1,064.99	1/2	694.86	1/2	326.27	1/2	18.82
3/4		3/4	5,128.19	3/4	4,758.20	3/4	4,388.22	3/4	4,018.27	3/4	3,648.17	3/4	3,278.05	3/4	2,907.92	3/4	2,537.79	3/4	2,167.66	3/4	1,797.53	3/4	1,427.41	3/4	1,057.28	3/4	687.15	3/4	318.60	3/4	17.17
3	5,475.05	3	5,120.48	3	4,750.50	3	4,380.51	3	4,010.56	3	3,640.46	3	3,270.34	3	2,900.21	3	2,530.08	3	2,159.95	3	1,789.82	3	1,419.70	3	1,049.57	3	679.44	3	310.92	3	16.70
1/4	5,470.23	1/4	5,112.77	1/4	4,742.79	1/4	4,372.80	1/4	4,002.85	1/4	3,632.75	1/4	3,262.62	1/4	2,892.50	1/4	2,522.37	1/4	2,152.24	1/4	1,782.11	1/4	1,411.98	1/4	1,041.86	1/4	671.73	1/4	303.25	1/4	16.23
1/2	5,465.42	1/2	5,105.06	1/2	4,735.08	1/2	4,365.10	1/2	3,995.15	1/2	3,625.04	1/2	3,254.91	1/2	2,884.79	1/2	2,514.66	1/2	2,144.53	1/2	1,774.40	1/2	1,404.27	1/2	1,034.15	1/2	664.02	1/2	295.57	1/2	15.76
3/4	5,460.60	3/4	5,097.36	3/4	4,727.37	3/4	4,357.39	3/4	3,987.44	3/4	3,617.33	3/4	3,247.20	3/4	2,877.07	3/4	2,506.95	3/4	2,136.82	3/4	1,766.69	3/4	1,396.56	3/4	1,026.43	3/4	656.34	3/4	287.89	3/4	
4	5,455.78	4	5,089.65	4	4,719.66	4	4,349.68	4	3,979.73	4	3,609.62	4	3,239.49	4	2,869.36	4	2,499.24	4	2,129.11	4	1,758.98	4	1,388.85	4	1,018.72	4	648.67	4	280.22	4	
1/4	5,449.03	1/4	5,081.94	1/4	4,711.96	1/4	4,341.97	1/4	3,972.02	1/4	3,601.91	1/4	3,231.78	1/4	2,861.65	1/4	2,491.52	1/4	2,121.40	1/4	1,751.27	1/4	1,381.14	1/4	1,011.01	1/4	640.99	1/4	272.54	1/4	
1/2	5,442.29	1/2	5,074.23	1/2	4,704.25	1/2	4,334.26	1/2	3,964.32	1/2	3,594.20	1/2	3,224.07	1/2	2,853.94	1/2	2,483.81	1/2	2,113.69	1/2	1,743.56	1/2	1,373.43	1/2	1,003.30	1/2	633.31	1/2	264.87	1/2	
3/4	5,435.54	3/4	5,066.52	3/4	4,696.54	3/4	4,326.56	3/4	3,956.61	3/4	3,586.49	3/4	3,216.36	3/4	2,846.23	3/4	2,476.10	3/4	2,105.97	3/4	1,735.85	3/4	1,365.72	3/4	995.59	3/4	625.64	3/4	257.19	3/4	
5	5,428.80	5	5,058.82	5	4,688.83	5	4,318.85	5	3,948.90	5	3,578.78	5	3,208.65	5	2,838.52	5	2,468.39	5	2,098.26	5	1,728.14	5	1,358.01	5	987.88	5	617.96	5	249.51	5	
1/4	5,421.09	1/4	5,051.11	1/4	4,681.12	1/4	4,311.14	1/4	3,941.19	1/4	3,571.06	1/4	3,200.94	1/4	2,830.81	1/4	2,460.68	1/4	2,090.55	1/4	1,720.42	1/4	1,350.30	1/4	980.17	1/4	610.29	1/4	241.84	1/4	
1/2	5,413.38	1/2	5,043.40	1/2	4,673.42	1/2	4,303.43	1/2	3,933.48	1/2	3,563.35	1/2	3,193.23	1/2	2,823.10	1/2	2,452.97	1/2	2,082.84	1/2	1,712.71	1/2	1,342.59	1/2	972.46	1/2	602.61	1/2	234.16	1/2	
3/4	5,405.68	3/4	5,035.69	3/4	4,665.71	3/4	4,295.72	3/4	3,925.77	3/4	3,555.64	3/4	3,185.51	3/4	2,815.39	3/4	2,445.26	3/4	2,075.13	3/4	1,705.00	3/4	1,334.87	3/4	964.75	3/4	594.93	3/4	226.49	3/4	
6	5,397.97	6	5,027.98	6	4,658.00	6	4,288.02	6	3,918.06	6	3,547.93	6	3,177.80	6	2,807.68	6	2,437.55	6	2,067.42	6	1,697.29	6	1,327.16	6	957.04	6	587.26	6	218.81	6	
1/4	5,390.26	1/4	5,020.28	1/4	4,650.29	1/4	4,280.31	1/4	3,910.35	1/4	3,540.22	1/4	3,170.09	1/4	2,799.96	1/4	2,429.84	1/4	2,059.71	1/4	1,689.58	1/4	1,319.45	1/4	949.32	1/4	579.58	1/4	211.13	1/4	
1/2	5,382.55	1/2	5,012.57	1/2	4,642.58	1/2	4,272.60	1/2	3,902.64	1/2	3,532.51	1/2	3,162.38	1/2	2,792.25	1/2	2,422.13	1/2	2,052.00	1/2	1,681.87	1/2	1,311.74	1/2	941.61	1/2	571.91	1/2	203.46	1/2	
3/4	5,374.84	3/4	5,004.86	3/4	4,634.88	3/4	4,264.89	3/4	3,894.93	3/4	3,524.80	3/4	3,154.67	3/4	2,784.54	3/4	2,414.41	3/4	2,044.29	3/4	1,674.16	3/4	1,304.03	3/4	933.90	3/4	564.23	3/4	195.78	3/4	
7	5,367.14	7	4,997.15	7	4,627.17	7	4,257.18	7	3,887.22	7	3,517.09	7	3,146.96	7	2,776.83	7	2,406.70	7	2,036.58	7	1,666.45	7	1,296.32	7	926.19	7	556.55	7	188.11	7	
1/4	5,359.43	1/4	4,989.44	1/4	4,619.46	1/4	4,249.48	1/4	3,879.50	1/4	3,509.38	1/4	3,139.25	1/4	2,769.12	1/4	2,398.99	1/4	2,028.86	1/4	1,658.74	1/4	1,288.61	1/4	918.48	1/4	548.88	1/4	180.43	1/4	
1/2	5,351.72	1/2	4,981.74	1/2	4,611.75	1/2	4,241.77	1/2	3,871.79	1/2	3,501.67	1/2	3,131.54	1/2	2,761.41	1/2	2,391.28	1/2	2,021.15	1/2	1,651.03	1/2	1,280.90	1/2	910.77	1/2	541.20	1/2	172.75	1/2	
3/4	5,344.01	3/4	4,974.03	3/4	4,604.04	3/4	4,234.06	3/4	3,864.08	3/4	3,493.95	3/4	3,123.83	3/4	2,753.70	3/4	2,383.57	3/4	2,013.44	3/4	1,643.31	3/4	1,273.19	3/4	903.06	3/4	533.53	3/4	165.08	3/4	
8	5,336.30	8	4,966.32	8	4,596.34	8	4,226.36	8	3,856.37	8	3,486.24	8	3,116.12	8	2,745.99	8	2,375.86	8	2,005.73	8	1,635.60	8	1,265.48	8	895.35	8	525.85	8	157.40	8	
1/4	5,328.60	1/4	4,958.61	1/4	4,588.63																										





INSPECTORATE

# BARGE "HSM-3217" HARDIN ST. MARINE

## OUTAGE TABLE

2 STAR

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

HULL NO. T089

IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.
0		0	5,220.68	0	4,850.70	0	4,480.72	0	4,110.75	0	3,740.71	0	3,370.58	0	3,000.45	0	2,630.32	0	2,260.19	0	1,890.07	0	1,519.94	0	1,149.81	0	779.68	0	410.71	0	52.99
1/4		1/4	5,212.98	1/4	4,842.99	1/4	4,473.01	1/4	4,103.04	1/4	3,733.00	1/4	3,362.87	1/4	2,992.74	1/4	2,622.61	1/4	2,252.48	1/4	1,882.36	1/4	1,512.23	1/4	1,142.10	1/4	771.97	1/4	403.03	1/4	48.66
1/2		1/2	5,205.27	1/2	4,835.28	1/2	4,465.30	1/2	4,095.34	1/2	3,725.28	1/2	3,355.16	1/2	2,985.03	1/2	2,614.90	1/2	2,244.77	1/2	1,874.64	1/2	1,504.52	1/2	1,134.39	1/2	764.26	1/2	395.36	1/2	44.34
3/4		3/4	5,197.56	3/4	4,827.58	3/4	4,457.59	3/4	4,087.63	3/4	3,717.57	3/4	3,347.45	3/4	2,977.32	3/4	2,607.19	3/4	2,237.06	3/4	1,866.93	3/4	1,496.81	3/4	1,126.68	3/4	756.55	3/4	387.68	3/4	40.01
1		1	5,189.85	1	4,819.87	1	4,449.88	1	4,079.92	1	3,709.86	1	3,339.73	1	2,969.61	1	2,599.48	1	2,229.35	1	1,859.22	1	1,489.09	1	1,118.97	1	748.84	1	380.01	1	35.69
1/4		1/4	5,182.14	1/4	4,812.16	1/4	4,442.18	1/4	4,072.22	1/4	3,702.15	1/4	3,332.02	1/4	2,961.90	1/4	2,591.77	1/4	2,221.64	1/4	1,851.51	1/4	1,481.38	1/4	1,111.26	1/4	741.13	1/4	372.33	1/4	32.70
1/2		1/2	5,174.44	1/2	4,804.45	1/2	4,434.47	1/2	4,064.51	1/2	3,694.44	1/2	3,324.31	1/2	2,954.18	1/2	2,584.06	1/2	2,213.93	1/2	1,843.80	1/2	1,473.67	1/2	1,103.54	1/2	733.42	1/2	364.65	1/2	29.72
3/4		3/4	5,166.73	3/4	4,796.74	3/4	4,426.76	3/4	4,056.80	3/4	3,686.73	3/4	3,316.60	3/4	2,946.47	3/4	2,576.35	3/4	2,206.22	3/4	1,836.09	3/4	1,465.96	3/4	1,095.83	3/4	725.71	3/4	356.98	3/4	26.73
2		2	5,159.02	2	4,789.04	2	4,419.05	2	4,049.09	2	3,679.02	2	3,308.89	2	2,938.76	2	2,568.63	2	2,198.51	2	1,828.38	2	1,458.25	2	1,088.12	2	717.99	2	349.30	2	23.75
1/4		1/4	5,151.31	1/4	4,781.33	1/4	4,411.34	1/4	4,041.39	1/4	3,671.31	1/4	3,301.18	1/4	2,931.05	1/4	2,560.92	1/4	2,190.80	1/4	1,820.67	1/4	1,450.54	1/4	1,080.41	1/4	710.28	1/4	341.63	1/4	22.11
1/2		1/2	5,143.60	1/2	4,773.62	1/2	4,403.64	1/2	4,033.68	1/2	3,663.60	1/2	3,293.47	1/2	2,923.34	1/2	2,553.21	1/2	2,183.08	1/2	1,812.96	1/2	1,442.83	1/2	1,072.70	1/2	702.57	1/2	333.95	1/2	20.46
3/4		3/4	5,135.90	3/4	4,765.91	3/4	4,395.93	3/4	4,025.97	3/4	3,655.89	3/4	3,285.76	3/4	2,915.63	3/4	2,545.50	3/4	2,175.37	3/4	1,805.25	3/4	1,435.12	3/4	1,064.99	3/4	694.86	3/4	326.27	3/4	18.82
3		3	5,128.19	3	4,758.20	3	4,388.22	3	4,018.27	3	3,648.17	3	3,278.05	3	2,907.92	3	2,537.79	3	2,167.66	3	1,797.53	3	1,427.41	3	1,057.28	3	687.15	3	318.60	3	17.17
1/4	5,475.05	1/4	5,120.48	1/4	4,750.50	1/4	4,380.51	1/4	4,010.56	1/4	3,640.46	1/4	3,270.34	1/4	2,900.21	1/4	2,530.08	1/4	2,159.95	1/4	1,789.82	1/4	1,419.70	1/4	1,049.57	1/4	679.44	1/4	310.92	1/4	16.70
1/2	5,470.23	1/2	5,112.77	1/2	4,742.79	1/2	4,372.80	1/2	4,002.85	1/2	3,632.75	1/2	3,262.62	1/2	2,892.50	1/2	2,522.37	1/2	2,152.24	1/2	1,782.11	1/2	1,411.98	1/2	1,041.86	1/2	671.73	1/2	303.25	1/2	16.23
3/4	5,465.42	3/4	5,105.06	3/4	4,735.08	3/4	4,365.10	3/4	3,995.15	3/4	3,625.04	3/4	3,254.91	3/4	2,884.79	3/4	2,514.66	3/4	2,144.53	3/4	1,774.40	3/4	1,404.27	3/4	1,034.15	3/4	664.02	3/4	295.57	3/4	* 15.76
4	5,460.60	4	5,097.36	4	4,727.37	4	4,357.39	4	3,987.44	4	3,617.33	4	3,247.20	4	2,877.07	4	2,506.95	4	2,136.82	4	1,766.69	4	1,396.56	4	1,026.43	4	656.34	4	287.89	4	
1/4	5,455.78	1/4	5,089.65	1/4	4,719.66	1/4	4,349.68	1/4	3,979.73	1/4	3,609.62	1/4	3,239.49	1/4	2,869.36	1/4	2,499.24	1/4	2,129.11	1/4	1,758.98	1/4	1,388.85	1/4	1,018.72	1/4	648.67	1/4	280.22	1/4	
1/2	5,449.03	1/2	5,081.94	1/2	4,711.96	1/2	4,341.97	1/2	3,972.02	1/2	3,601.91	1/2	3,231.78	1/2	2,861.65	1/2	2,491.52	1/2	2,121.40	1/2	1,751.27	1/2	1,381.14	1/2	1,011.01	1/2	640.99	1/2	272.54	1/2	
3/4	5,442.29	3/4	5,074.23	3/4	4,704.25	3/4	4,334.26	3/4	3,964.32	3/4	3,594.20	3/4	3,224.07	3/4	2,853.94	3/4	2,483.81	3/4	2,113.69	3/4	1,743.56	3/4	1,373.43	3/4	1,003.30	3/4	633.31	3/4	264.87	3/4	
5	5,435.54	5	5,066.52	5	4,696.54	5	4,326.56	5	3,956.61	5	3,586.49	5	3,216.36	5	2,846.23	5	2,476.10	5	2,105.97	5	1,735.85	5	1,365.72	5	995.59	5	625.64	5	257.19	5	
1/4	5,428.80	1/4	5,058.82	1/4	4,688.83	1/4	4,318.85	1/4	3,948.90	1/4	3,578.78	1/4	3,208.65	1/4	2,838.52	1/4	2,468.39	1/4	2,098.26	1/4	1,728.14	1/4	1,358.01	1/4	987.88	1/4	617.96	1/4	249.51	1/4	
1/2	5,421.09	1/2	5,051.11	1/2	4,681.12	1/2	4,311.14	1/2	3,941.19	1/2	3,571.06	1/2	3,200.94	1/2	2,830.81	1/2	2,460.68	1/2	2,090.55	1/2	1,720.42	1/2	1,350.30	1/2	980.17	1/2	610.29	1/2	214.80	1/2	
3/4	5,413.38	3/4	5,043.40	3/4	4,673.42	3/4	4,303.43	3/4	3,933.48	3/4	3,563.35	3/4	3,193.23	3/4	2,823.10	3/4	2,452.97	3/4	2,082.84	3/4	1,712.71	3/4	1,342.59	3/4	972.46	3/4	602.61	3/4	234.16	3/4	
6	5,405.68	6	5,035.69	6	4,665.71	6	4,295.72	6	3,925.77	6	3,555.64	6	3,185.51	6	2,815.39	6	2,445.26	6	2,075.13	6	1,705.00	6	1,334.87	6	964.75	6	594.93	6	226.49	6	
1/4	5,397.97	1/4	5,027.98	1/4	4,658.00	1/4	4,288.02	1/4	3,918.06	1/4	3,547.93	1/4	3,177.80	1/4	2,807.68	1/4	2,437.55	1/4	2,067.42	1/4	1,697.29	1/4	1,327.16	1/4	957.04	1/4	587.26	1/4	218.81	1/4	
1/2	5,390.26	1/2	5,020.28	1/2	4,650.29	1/2	4,280.31	1/2	3,910.35	1/2	3,540.22	1/2	3,170.09	1/2	2,799.96	1/2	2,429.84	1/2	2,059.71	1/2	1,689.58	1/2	1,319.45	1/2	949.32	1/2	579.58	1/2	211.13	1/2	
3/4	5,382.55	3/4	5,012.57	3/4	4,642.58	3/4	4,272.60	3/4	3,902.64	3/4	3,532.51	3/4	3,162.38	3/4	2,792.25	3/4	2,422.13	3/4	2,052.00	3/4	1,681.87	3/4	1,311.74	3/4	941.61	3/4	571.91	3/4	203.46	3/4	
7	5,374.84	7	5,004.86	7	4,634.88	7	4,264.89	7	3,894.93	7	3,524.80	7	3,154.67	7	2,784.54	7	2,414.41	7	2,044.29	7	1,674.16	7	1,304.03	7	933.90	7	564.23	7	195.78	7	
1/4	5,367.14	1/4	4,997.15	1/4	4,627.17	1/4	4,257.18	1/4	3,887.22	1/4	3,517.09	1/4	3,146.96	1/4	2,776.83	1/4	2,406.70	1/4	2,036.58	1/4	1,666.45	1/4	1,296.32	1/4	926.19	1/4	556.55	1/4	188.11	1/4	
1/2	5,359.43	1/2	4,989.44	1/2	4,619.46	1/2	4,249.48	1/2	3,879.50	1/2	3,509.38	1/2	3,139.25	1/2	2,769.12	1/2	2,398.99	1/2	2,028.86	1/2	1,658.74	1/2	1,288.61	1/2	918.48	1/2	548.88	1/2	180.43	1/2	
3/4	5,351.72	3/4	4,981.74	3/4	4,611.75	3/4	4,241.77	3/4	3,871.79	3/4	3,501.67	3/4	3,131.54	3/4	2,761.41	3/4	2,391.28	3/4	2,021.15	3/4	1,651.03	3/4	1,280.90	3/4	910.77	3/4	541.20	3/4	172.75	3/4	
8	5,344.01	8	4,974.03	8	4,604.04	8	4,234.06	8	3,864.08	8	3,493.95	8	3,123.83	8	2,753.70	8	2,383.57	8	2,013.44	8	1,643.31	8	1,273.19	8	903.06	8	533.53	8	165.08	8	
1/4	5,336.30	1/4	4,966.32	1/4	4,596.34	1/4	4,226.36																								



INSPECTORATE

# BARGE "HSM-3217" HARDIN ST. MARINE

## OUTAGE TABLE

## 3 PORT OR STAR

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

HULL NO. T089

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.	
0		0	4,752.15	0	4,494.96	0	4,236.63	0	3,977.91	0	3,719.19	0	3,432.28	0	3,060.66	0	2,689.04	0	2,317.43	0	1,945.81	0	1,574.20	0	1,207.03	0	840.45	0	473.88	0	107.30
1/4	1/4	1/4	4,746.79	1/4	4,489.60	1/4	4,231.24	1/4	3,972.52	1/4	3,713.80	1/4	3,424.53	1/4	3,052.92	1/4	2,681.30	1/4	2,309.69	1/4	1,938.07	1/4	1,566.45	1/4	1,199.39	1/4	832.82	1/4	466.24	1/4	99.66
1/2	1/2	1/2	4,741.43	1/2	4,484.25	1/2	4,225.85	1/2	3,967.13	1/2	3,708.41	1/2	3,419.79	1/2	3,045.18	1/2	2,673.56	1/2	2,301.94	1/2	1,930.33	1/2	1,558.71	1/2	1,191.76	1/2	825.18	1/2	458.60	1/2	92.03
3/4	3/4	3/4	4,736.07	3/4	4,478.89	3/4	4,220.46	3/4	3,961.74	3/4	3,703.02	3/4	3,409.05	3/4	3,037.43	3/4	2,665.82	3/4	2,294.20	3/4	1,922.59	3/4	1,550.97	3/4	1,184.12	3/4	817.54	3/4	450.97	3/4	84.39
1		1	4,730.71	1	4,473.53	1	4,215.07	1	3,956.35	1	3,697.63	1	3,401.31	1	3,029.69	1	2,658.08	1	2,286.46	1	1,914.84	1	1,543.23	1	1,176.48	1	809.91	1	443.33	1	76.75
1/4	1/4	1/4	4,725.36	1/4	4,468.17	1/4	4,209.68	1/4	3,950.96	1/4	3,692.24	1/4	3,393.57	1/4	3,021.95	1/4	2,650.33	1/4	2,278.72	1/4	1,907.10	1/4	1,535.49	1/4	1,168.84	1/4	802.27	1/4	435.69	1/4	69.12
1/2	1/2	1/2	4,720.00	1/2	4,462.81	1/2	4,204.29	1/2	3,945.57	1/2	3,686.85	1/2	3,385.82	1/2	3,014.21	1/2	2,642.59	1/2	2,270.98	1/2	1,899.36	1/2	1,527.74	1/2	1,161.21	1/2	794.63	1/2	428.06	1/2	61.48
3/4	3/4	3/4	4,714.64	3/4	4,457.46	3/4	4,198.90	3/4	3,940.18	3/4	3,681.46	3/4	3,378.08	3/4	3,006.47	3/4	2,634.85	3/4	2,263.23	3/4	1,891.62	3/4	1,520.11	3/4	1,153.57	3/4	786.99	3/4	420.42	3/4	54.79
2		2	4,709.28	2	4,452.10	2	4,193.51	2	3,934.79	2	3,676.07	2	3,370.34	2	2,998.72	2	2,627.11	2	2,255.49	2	1,883.88	2	1,512.47	2	1,145.93	2	779.36	2	412.78	2	48.11
1/4	1/4	1/4	4,703.92	1/4	4,446.74	1/4	4,188.12	1/4	3,929.40	1/4	3,670.68	1/4	3,362.60	1/4	2,990.98	1/4	2,619.37	1/4	2,247.75	1/4	1,876.13	1/4	1,504.84	1/4	1,138.30	1/4	771.72	1/4	405.14	1/4	41.42
1/2	1/2	1/2	4,698.57	1/2	4,441.38	1/2	4,182.73	1/2	3,924.01	1/2	3,665.29	1/2	3,354.86	1/2	2,983.24	1/2	2,611.62	1/2	2,240.01	1/2	1,868.39	1/2	1,497.20	1/2	1,130.66	1/2	764.08	1/2	397.51	1/2	34.73
3/4	3/4	3/4	4,693.21	3/4	4,436.02	3/4	4,177.34	3/4	3,918.62	3/4	3,659.90	3/4	3,347.11	3/4	2,975.50	3/4	2,603.88	3/4	2,232.27	3/4	1,860.65	3/4	1,489.56	3/4	1,123.02	3/4	756.45	3/4	389.87	3/4	29.95
3	4,882.99	3	4,687.85	3	4,430.67	3	4,171.95	3	3,913.23	3	3,654.51	3	3,339.37	3	2,967.76	3	2,596.14	3	2,224.52	3	1,852.91	3	1,481.93	3	1,115.39	3	748.81	3	382.23	3	25.18
1/4	4,882.67	1/4	4,682.49	1/4	4,425.28	1/4	4,166.56	1/4	3,907.84	1/4	3,649.12	1/4	3,331.63	1/4	2,960.01	1/4	2,588.40	1/4	2,216.78	1/4	1,845.17	1/4	1,474.29	1/4	1,107.75	1/4	741.17	1/4	374.60	1/4	20.40
1/2	4,882.36	1/2	4,677.13	1/2	4,419.89	1/2	4,161.17	1/2	3,902.45	1/2	3,643.73	1/2	3,323.89	1/2	2,952.27	1/2	2,580.66	1/2	2,209.04	1/2	1,837.42	1/2	1,466.66	1/2	1,100.11	1/2	733.54	1/2	366.96	1/2	15.62
3/4	4,882.04	3/4	4,671.78	3/4	4,414.50	3/4	4,155.78	3/4	3,897.06	3/4	3,638.34	3/4	3,316.15	3/4	2,944.53	3/4	2,572.91	3/4	2,201.30	3/4	1,829.68	3/4	1,459.02	3/4	1,092.47	3/4	725.90	3/4	359.32	3/4	
4	4,880.91	4	4,666.42	4	4,409.11	4	4,150.39	4	3,891.67	4	3,632.95	4	3,308.40	4	2,936.79	4	2,565.17	4	2,193.56	4	1,821.94	4	1,451.38	4	1,084.84	4	718.26	4	351.69	4	
1/4	4,879.77	1/4	4,661.06	1/4	4,403.72	1/4	4,145.00	1/4	3,886.28	1/4	3,627.56	1/4	3,300.66	1/4	2,929.05	1/4	2,557.43	1/4	2,185.81	1/4	1,814.20	1/4	1,443.75	1/4	1,077.20	1/4	710.62	1/4	344.05	1/4	
1/2	4,878.64	1/2	4,655.70	1/2	4,398.33	1/2	4,139.61	1/2	3,880.89	1/2	3,622.17	1/2	3,292.92	1/2	2,921.30	1/2	2,549.69	1/2	2,178.07	1/2	1,806.46	1/2	1,436.11	1/2	1,069.56	1/2	702.99	1/2	336.41	1/2	
3/4	4,877.50	3/4	4,650.34	3/4	4,392.94	3/4	4,134.22	3/4	3,875.50	3/4	3,616.78	3/4	3,285.18	3/4	2,913.56	3/4	2,541.95	3/4	2,170.33	3/4	1,798.71	3/4	1,428.48	3/4	1,061.93	3/4	695.35	3/4	328.77	3/4	
5	4,875.43	5	4,644.99	5	4,387.55	5	4,128.83	5	3,870.11	5	3,611.39	5	3,277.44	5	2,905.82	5	2,534.20	5	2,162.59	5	1,790.97	5	1,420.84	5	1,054.29	5	687.71	5	321.14	5	
1/4	4,873.35	1/4	4,639.63	1/4	4,382.16	1/4	4,123.44	1/4	3,864.72	1/4	3,606.00	1/4	3,269.69	1/4	2,898.08	1/4	2,526.46	1/4	2,154.85	1/4	1,783.23	1/4	1,413.20	1/4	1,046.65	1/4	680.08	1/4	313.50	1/4	
1/2	4,871.28	1/2	4,634.27	1/2	4,376.77	1/2	4,118.05	1/2	3,859.33	1/2	3,600.61	1/2	3,261.95	1/2	2,890.34	1/2	2,518.72	1/2	2,147.10	1/2	1,775.49	1/2	1,405.57	1/2	1,039.02	1/2	672.44	1/2	305.86	1/2	
3/4	4,869.20	3/4	4,628.91	3/4	4,371.38	3/4	4,112.66	3/4	3,853.94	3/4	3,595.22	3/4	3,254.21	3/4	2,882.59	3/4	2,510.98	3/4	2,139.36	3/4	1,767.75	3/4	1,397.93	3/4	1,031.38	3/4	664.80	3/4	298.23	3/4	
6	4,866.19	6	4,623.55	6	4,365.99	6	4,107.27	6	3,848.55	6	3,589.83	6	3,246.47	6	2,874.85	6	2,503.24	6	2,131.62	6	1,760.00	6	1,390.30	6	1,023.74	6	657.17	6	290.59	6	
1/4	4,863.18	1/4	4,618.20	1/4	4,360.60	1/4	4,101.88	1/4	3,843.16	1/4	3,584.29	1/4	3,238.73	1/4	2,867.11	1/4	2,495.49	1/4	2,123.88	1/4	1,752.26	1/4	1,382.66	1/4	1,016.10	1/4	649.53	1/4	282.95	1/4	
1/2	4,860.17	1/2	4,612.84	1/2	4,355.21	1/2	4,096.49	1/2	3,837.77	1/2	3,578.75	1/2	3,230.98	1/2	2,859.37	1/2	2,487.75	1/2	2,116.14	1/2	1,744.52	1/2	1,375.02	1/2	1,008.47	1/2	641.89	1/2	275.32	1/2	
3/4	4,857.16	3/4	4,607.84	3/4	4,349.82	3/4	4,091.10	3/4	3,832.38	3/4	3,573.22	3/4	3,223.24	3/4	2,851.63	3/4	2,480.01	3/4	2,108.39	3/4	1,736.78	3/4	1,367.39	3/4	1,000.83	3/4	634.25	3/4	267.68	3/4	
7	4,853.21	7	4,602.12	7	4,344.43	7	4,085.71	7	3,826.99	7	3,567.34	7	3,215.50	7	2,843.88	7	2,472.27	7	2,100.65	7	1,729.04	7	1,359.75	7	993.19	7	626.62	7	260.04	7	
1/4	4,849.26	1/4	4,596.76	1/4	4,339.04	1/4	4,080.32	1/4	3,821.60	1/4	3,561.46	1/4	3,207.76	1/4	2,836.14	1/4	2,464.53	1/4	2,092.91	1/4	1,721.29	1/4	1,352.12	1/4	985.56	1/4	618.98	1/4	252.40	1/4	
1/2	4,845.31	1/2	4,591.41	1/2	4,333.65	1/2	4,074.93	1/2	3,816.21	1/2	3,555.58	1/2	3,200.02	1/2	2,828.40	1/2	2,456.78	1/2	2,085.17	1/2	1,713.55	1/2	1,344.48	1/2	977.92	1/2	611.34	1/2	244.77	1/2	
3/4	4,841.36	3/4	4,586.05	3/4	4,328.26	3/4	4,069.54	3/4	3,810.82	3/4	3,549.71	3/4	3,192.27	3/4	2,820.66	3/4	2,449.04	3/4	2,077.43	3/4	1,705.81	3/4	1,336.84	3/4	970.28	3/4	603.71	3/4	237.13	3/4	
8	4,836.47	8	4,580.69	8	4,322.87	8	4,064.15	8	3,805.43	8	3,543.44	8	3,184.53	8	2,812.92	8	2,441.30	8	2,069.68	8	1,698.07	8	1,329.21	8	962.65	8	596.07	8	229.49	8	
1/4	4,831.58	1/4	4,575.33	1/4	4,317.48	1/4	4,058.76	1/4	3,800.04	1/4	3,537.17	1/4	3,176.79	1/4	2,805.17	1/4	2,433.56	1/4	2,061.94	1/4	1,690.33	1/4	1,321.57	1/4	955.01	1/4	588.43	1/4	221.86	1/4	
1/2	4,826.69	1/2	4,569.97	1/2	4,312.09	1/2	4,053.37	1/2	3,794.65	1/2	3,530.90	1/2	3,169.05	1/2	2,797.43	1/2	2,425.82	1/2	2,054.20	1/2	1,682.58	1/2	1,313.94	1/2	947.37	1/2	580.80	1/2	214.22	1/2	
3/4	4,821.80	3/4	4,564.62	3/4	4,306.70	3/4	4,047.98	3/4	3,789.26	3/4	3,524.63	3/4	3,161.31	3/4	2,789.69	3/4	2,418.07	3/4	2,046.46	3/4	1,674.84	3/4	1,306.30	3/4	939.73	3/4	573.16	3/4	206.58	3/4	
9	4,816.44	9	4,559.26	9	4,301.31	9	4,042.59	9	3,783.87	9	3,517.97	9																			