



INSPECTORATE

# BARGE "HSM-3213" HARDIN ST. MARINE

## INNAGE TABLE

# 1 PORT OR STAR

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

HULL NO. T071

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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	14.13	0	331.16	0	661.98	0	992.80	0	1,323.58	0	1,653.91	0	1,984.15	0	2,314.39	0	2,644.63	0	2,974.87	0	3,305.11	0	3,635.35	0	3,965.59	0	4,295.83	0	4,625.33	0	4,888.43
1/4	18.44	1/4	338.06	1/4	668.87	1/4	999.69	1/4	1,330.47	1/4	1,660.79	1/4	1,991.03	1/4	2,321.27	1/4	2,651.51	1/4	2,981.75	1/4	3,311.99	1/4	3,642.23	1/4	3,972.47	1/4	4,302.71	1/4	4,632.20	1/4	4,888.85
1/2	22.74	1/2	344.95	1/2	675.76	1/2	1,006.58	1/2	1,337.36	1/2	1,667.67	1/2	1,997.91	1/2	2,328.15	1/2	2,658.39	1/2	2,988.63	1/2	3,318.87	1/2	3,649.11	1/2	3,979.35	1/2	4,309.59	1/2	4,639.06	1/2	4,889.27
3/4	27.05	3/4	351.84	3/4	682.66	3/4	1,013.47	3/4	1,344.25	3/4	1,674.55	3/4	2,004.79	3/4	2,335.03	3/4	2,665.27	3/4	2,995.51	3/4	3,325.75	3/4	3,655.99	3/4	3,986.23	3/4	4,316.45	3/4	4,645.92	3/4	
1	31.36	1	358.73	1	689.55	1	1,020.36	1	1,351.14	1	1,681.43	1	2,011.67	1	2,341.91	1	2,672.15	1	3,002.39	1	3,332.63	1	3,662.87	1	3,993.11	1	4,323.32	1	4,652.79	1	
1/4	37.39	1/4	365.62	1/4	696.44	1/4	1,027.26	1/4	1,358.04	1/4	1,688.31	1/4	2,018.55	1/4	2,348.79	1/4	2,679.03	1/4	3,009.27	1/4	3,339.51	1/4	3,669.75	1/4	3,999.99	1/4	4,330.18	1/4	4,659.65	1/4	
1/2	43.42	1/2	372.52	1/2	703.33	1/2	1,034.15	1/2	1,364.93	1/2	1,695.19	1/2	2,025.43	1/2	2,355.67	1/2	2,685.91	1/2	3,016.15	1/2	3,346.39	1/2	3,676.63	1/2	4,006.87	1/2	4,337.04	1/2	4,666.52	1/2	
3/4	49.45	3/4	379.41	3/4	710.22	3/4	1,041.04	3/4	1,371.82	3/4	1,702.07	3/4	2,032.31	3/4	2,362.55	3/4	2,692.79	3/4	3,023.03	3/4	3,353.27	3/4	3,683.51	3/4	4,013.75	3/4	4,343.91	3/4	4,673.38	3/4	
2	55.48	2	386.30	2	717.12	2	1,047.93	2	1,378.71	2	1,708.95	2	2,039.19	2	2,369.43	2	2,699.67	2	3,029.91	2	3,360.15	2	3,690.39	2	4,020.63	2	4,350.77	2	4,680.24	2	
1/4	62.38	1/4	393.19	1/4	724.01	1/4	1,054.82	1/4	1,385.59	1/4	1,715.83	1/4	2,046.07	1/4	2,376.31	1/4	2,706.55	1/4	3,036.79	1/4	3,367.03	1/4	3,697.27	1/4	4,027.51	1/4	4,357.64	1/4	4,687.11	1/4	
1/2	69.27	1/2	400.08	1/2	730.90	1/2	1,061.72	1/2	1,392.47	1/2	1,722.71	1/2	2,052.95	1/2	2,383.19	1/2	2,713.43	1/2	3,043.67	1/2	3,373.91	1/2	3,704.15	1/2	4,034.39	1/2	4,364.50	1/2	4,693.97	1/2	
3/4	76.16	3/4	406.98	3/4	737.79	3/4	1,068.61	3/4	1,399.35	3/4	1,729.59	3/4	2,059.83	3/4	2,390.07	3/4	2,720.31	3/4	3,050.55	3/4	3,380.79	3/4	3,711.03	3/4	4,041.27	3/4	4,371.36	3/4	4,700.84	3/4	
3	83.05	3	413.87	3	744.68	3	1,075.50	3	1,406.23	3	1,736.47	3	2,066.71	3	2,396.95	3	2,727.19	3	3,057.43	3	3,387.67	3	3,717.91	3	4,048.15	3	4,378.23	3	4,707.70	3	
1/4	89.94	1/4	420.76	1/4	751.58	1/4	1,082.39	1/4	1,413.11	1/4	1,743.35	1/4	2,073.59	1/4	2,403.83	1/4	2,734.07	1/4	3,064.31	1/4	3,394.55	1/4	3,724.79	1/4	4,055.03	1/4	4,385.09	1/4	4,714.56	1/4	
1/2	96.84	1/2	427.65	1/2	758.47	1/2	1,089.28	1/2	1,419.99	1/2	1,750.23	1/2	2,080.47	1/2	2,410.71	1/2	2,740.95	1/2	3,071.19	1/2	3,401.43	1/2	3,731.67	1/2	4,061.91	1/2	4,391.96	1/2	4,721.43	1/2	
3/4	103.73	3/4	434.54	3/4	765.36	3/4	1,096.18	3/4	1,426.87	3/4	1,757.11	3/4	2,087.35	3/4	2,417.59	3/4	2,747.83	3/4	3,078.07	3/4	3,408.31	3/4	3,738.55	3/4	4,068.79	3/4	4,398.82	3/4	4,728.29	3/4	
4	110.62	4	441.44	4	772.25	4	1,103.07	4	1,433.75	4	1,763.99	4	2,094.23	4	2,424.47	4	2,754.71	4	3,084.95	4	3,415.19	4	3,745.43	4	4,075.67	4	4,405.68	4	4,735.16	4	
1/4	117.51	1/4	448.33	1/4	779.14	1/4	1,109.96	1/4	1,440.63	1/4	1,770.87	1/4	2,101.11	1/4	2,431.35	1/4	2,761.59	1/4	3,091.83	1/4	3,422.07	1/4	3,752.31	1/4	4,082.55	1/4	4,412.55	1/4	4,742.02	1/4	
1/2	124.40	1/2	455.22	1/2	786.04	1/2	1,116.85	1/2	1,447.51	1/2	1,777.75	1/2	2,107.99	1/2	2,438.23	1/2	2,768.47	1/2	3,098.71	1/2	3,428.95	1/2	3,759.19	1/2	4,089.43	1/2	4,419.41	1/2	4,748.88	1/2	
3/4	131.30	3/4	462.11	3/4	792.93	3/4	1,123.74	3/4	1,454.39	3/4	1,784.63	3/4	2,114.87	3/4	2,445.11	3/4	2,775.35	3/4	3,105.59	3/4	3,435.83	3/4	3,766.07	3/4	4,096.31	3/4	4,426.28	3/4	4,755.75	3/4	
5	138.19	5	469.00	5	799.82	5	1,130.63	5	1,461.27	5	1,791.51	5	2,121.75	5	2,451.99	5	2,782.23	5	3,112.47	5	3,442.71	5	3,772.95	5	4,103.19	5	4,433.14	5	4,762.61	5	
1/4	145.08	1/4	475.90	1/4	806.71	1/4	1,137.52	1/4	1,468.15	1/4	1,798.39	1/4	2,128.63	1/4	2,458.87	1/4	2,789.11	1/4	3,119.35	1/4	3,449.59	1/4	3,779.83	1/4	4,110.07	1/4	4,440.00	1/4	4,769.48	1/4	
1/2	151.97	1/2	482.79	1/2	813.60	1/2	1,144.41	1/2	1,475.03	1/2	1,805.27	1/2	2,135.51	1/2	2,465.75	1/2	2,795.99	1/2	3,126.23	1/2	3,456.47	1/2	3,786.71	1/2	4,116.95	1/2	4,446.87	1/2	4,776.34	1/2	
3/4	158.86	3/4	489.68	3/4	820.50	3/4	1,151.31	3/4	1,481.91	3/4	1,812.15	3/4	2,142.39	3/4	2,472.63	3/4	2,802.87	3/4	3,133.11	3/4	3,463.35	3/4	3,793.59	3/4	4,123.83	3/4	4,453.73	3/4	4,783.20	3/4	
6	165.76	6	496.57	6	827.39	6	1,158.20	6	1,488.79	6	1,819.03	6	2,149.27	6	2,479.51	6	2,809.75	6	3,139.99	6	3,470.23	6	3,800.47	6	4,130.71	6	4,460.60	6	4,790.07	6	
1/4	172.65	1/4	503.46	1/4	834.28	1/4	1,165.09	1/4	1,495.67	1/4	1,825.91	1/4	2,156.15	1/4	2,486.39	1/4	2,816.63	1/4	3,146.87	1/4	3,477.11	1/4	3,807.35	1/4	4,137.59	1/4	4,467.46	1/4	4,796.93	1/4	
1/2	179.54	1/2	510.36	1/2	841.17	1/2	1,171.98	1/2	1,502.55	1/2	1,832.79	1/2	2,163.03	1/2	2,493.27	1/2	2,823.51	1/2	3,153.75	1/2	3,483.99	1/2	3,814.23	1/2	4,144.47	1/2	4,474.32	1/2	4,803.80	1/2	
3/4	186.43	3/4	517.25	3/4	848.06	3/4	1,178.87	3/4	1,509.43	3/4	1,839.67	3/4	2,169.91	3/4	2,500.15	3/4	2,830.39	3/4	3,160.63	3/4	3,490.87	3/4	3,821.11	3/4	4,151.35	3/4	4,481.19	3/4	4,810.66	3/4	
7	193.32	7	524.14	7	854.96	7	1,185.76	7	1,516.31	7	1,846.55	7	2,176.79	7	2,507.03	7	2,837.27	7	3,167.51	7	3,497.75	7	3,827.99	7	4,158.23	7	4,488.05	7	4,816.93	7	
1/4	200.22	1/4	531.03	1/4	861.85	1/4	1,192.65	1/4	1,523.19	1/4	1,853.43	1/4	2,183.67	1/4	2,513.91	1/4	2,844.15	1/4	3,174.39	1/4	3,504.63	1/4	3,834.87	1/4	4,165.11	1/4	4,494.92	1/4	4,823.19	1/4	
1/2	207.11	1/2	537.92	1/2	868.74	1/2	1,199.54	1/2	1,530.07	1/2	1,860.31	1/2	2,190.55	1/2	2,520.79	1/2	2,851.03	1/2	3,181.27	1/2	3,511.51	1/2	3,841.75	1/2	4,171.99	1/2	4,501.78	1/2	4,829.46	1/2	
3/4	214.00	3/4	544.82	3/4	875.63	3/4	1,206.43	3/4	1,536.95	3/4	1,867.19	3/4	2,197.43	3/4	2,527.67	3/4	2,857.91	3/4	3,188.15	3/4	3,518.39	3/4	3,848.63	3/4	4,178.87	3/4	4,508.64	3/4	4,835.72	3/4	
8	220.89	8	551.71	8	882.52	8	1,213.32	8	1,543.83	8	1,874.07	8	2,204.31	8	2,534.55	8	2,864.79	8	3,195.03	8	3,525.27	8	3,855.51	8	4,185.7						



# BARGE "HSM-3213" HARDIN ST. MARINE

## INNAGE TABLE

## 2 PORT OR STAR

INSPECTORATE

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

HULL NO. T071

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	15.76	0	370.33	0	740.32	0	1,110.30	0	1,480.25	0	1,850.19	0	2,220.12	0	2,590.06	0	2,960.00	0	3,329.93	0	3,699.87	0	4,069.80	0	4,439.74	0	4,809.68	0	5,178.19	0	5,472.41
1/4	20.58	1/4	378.04	1/4	748.02	1/4	1,118.01	1/4	1,487.96	1/4	1,857.90	1/4	2,227.83	1/4	2,597.77	1/4	2,967.70	1/4	3,337.64	1/4	3,707.57	1/4	4,077.51	1/4	4,447.45	1/4	4,817.38	1/4	5,185.86	1/4	5,472.88
1/2	25.40	1/2	385.75	1/2	755.73	1/2	1,125.72	1/2	1,495.67	1/2	1,865.60	1/2	2,235.54	1/2	2,605.47	1/2	2,975.41	1/2	3,345.35	1/2	3,715.28	1/2	4,085.22	1/2	4,455.15	1/2	4,825.09	1/2	5,193.54	1/2	5,473.35
3/4	30.21	3/4	393.46	3/4	763.44	3/4	1,133.42	3/4	1,503.37	3/4	1,873.31	3/4	2,243.25	3/4	2,613.18	3/4	2,983.12	3/4	3,353.05	3/4	3,722.99	3/4	4,092.92	3/4	4,462.86	3/4	4,832.77	3/4	5,201.21	3/4	
1	35.03	1	401.16	1	771.15	1	1,141.13	1	1,511.08	1	1,881.02	1	2,250.95	1	2,620.89	1	2,990.82	1	3,360.76	1	3,730.70	1	4,100.63	1	4,470.57	1	4,840.44	1	5,208.89	1	
1/4	41.78	1/4	408.87	1/4	778.86	1/4	1,148.84	1/4	1,518.79	1/4	1,888.72	1/4	2,258.66	1/4	2,628.60	1/4	2,998.53	1/4	3,368.47	1/4	3,738.40	1/4	4,108.34	1/4	4,478.28	1/4	4,848.12	1/4	5,216.57	1/4	
1/2	48.52	1/2	416.58	1/2	786.56	1/2	1,156.55	1/2	1,526.49	1/2	1,896.43	1/2	2,266.37	1/2	2,636.30	1/2	3,006.24	1/2	3,376.17	1/2	3,746.11	1/2	4,116.05	1/2	4,485.98	1/2	4,855.79	1/2	5,224.24	1/2	
3/4	55.27	3/4	424.29	3/4	794.27	3/4	1,164.26	3/4	1,534.20	3/4	1,904.14	3/4	2,274.07	3/4	2,644.01	3/4	3,013.95	3/4	3,383.88	3/4	3,753.82	3/4	4,123.75	3/4	4,493.69	3/4	4,863.47	3/4	5,231.92	3/4	
2	62.01	2	432.00	2	801.98	2	1,171.96	2	1,541.91	2	1,911.84	2	2,281.78	2	2,651.72	2	3,021.65	2	3,391.59	2	3,761.52	2	4,131.46	2	4,501.40	2	4,871.15	2	5,239.59	2	
1/4	69.72	1/4	439.70	1/4	809.69	1/4	1,179.67	1/4	1,549.62	1/4	1,919.55	1/4	2,289.49	1/4	2,659.42	1/4	3,029.36	1/4	3,399.29	1/4	3,769.23	1/4	4,139.17	1/4	4,509.10	1/4	4,878.82	1/4	5,247.27	1/4	
1/2	77.43	1/2	447.41	1/2	817.40	1/2	1,187.38	1/2	1,557.32	1/2	1,927.26	1/2	2,297.19	1/2	2,667.13	1/2	3,037.07	1/2	3,407.00	1/2	3,776.94	1/2	4,146.87	1/2	4,516.81	1/2	4,886.50	1/2	5,254.95	1/2	
3/4	85.14	3/4	455.12	3/4	825.10	3/4	1,195.09	3/4	1,565.03	3/4	1,934.97	3/4	2,304.90	3/4	2,674.84	3/4	3,044.77	3/4	3,414.71	3/4	3,784.64	3/4	4,154.58	3/4	4,524.52	3/4	4,894.17	3/4	5,262.62	3/4	
3	92.84	3	462.83	3	832.81	3	1,202.80	3	1,572.74	3	1,942.67	3	2,312.61	3	2,682.54	3	3,052.48	3	3,422.42	3	3,792.35	3	4,162.29	3	4,532.22	3	4,901.85	3	5,270.30	3	
1/4	100.55	1/4	470.54	1/4	840.52	1/4	1,210.50	1/4	1,580.44	1/4	1,950.38	1/4	2,320.32	1/4	2,690.25	1/4	3,060.19	1/4	3,430.12	1/4	3,800.06	1/4	4,169.99	1/4	4,539.93	1/4	4,909.53	1/4	5,277.97	1/4	
1/2	108.26	1/2	478.24	1/2	848.23	1/2	1,218.21	1/2	1,588.15	1/2	1,958.09	1/2	2,328.02	1/2	2,697.96	1/2	3,067.89	1/2	3,437.83	1/2	3,807.77	1/2	4,177.70	1/2	4,547.64	1/2	4,917.20	1/2	5,285.65	1/2	
3/4	115.97	3/4	485.95	3/4	855.94	3/4	1,225.92	3/4	1,595.86	3/4	1,965.79	3/4	2,335.73	3/4	2,705.67	3/4	3,075.60	3/4	3,445.54	3/4	3,815.47	3/4	4,185.41	3/4	4,555.35	3/4	4,924.88	3/4	5,293.33	3/4	
4	123.68	4	493.66	4	863.64	4	1,233.63	4	1,603.56	4	1,973.50	4	2,343.44	4	2,713.37	4	3,083.31	4	3,453.24	4	3,823.18	4	4,193.12	4	4,563.05	4	4,932.55	4	5,301.00	4	
1/4	131.38	1/4	501.37	1/4	871.35	1/4	1,241.34	1/4	1,611.27	1/4	1,981.21	1/4	2,351.14	1/4	2,721.08	1/4	3,091.02	1/4	3,460.95	1/4	3,830.89	1/4	4,200.82	1/4	4,570.76	1/4	4,940.23	1/4	5,308.68	1/4	
1/2	139.09	1/2	509.08	1/2	879.06	1/2	1,249.04	1/2	1,618.98	1/2	1,988.91	1/2	2,358.85	1/2	2,728.79	1/2	3,098.72	1/2	3,468.66	1/2	3,838.59	1/2	4,208.53	1/2	4,578.47	1/2	4,947.91	1/2	5,316.35	1/2	
3/4	146.80	3/4	516.78	3/4	886.77	3/4	1,256.75	3/4	1,626.69	3/4	1,996.62	3/4	2,366.56	3/4	2,736.49	3/4	3,106.43	3/4	3,476.36	3/4	3,846.30	3/4	4,216.24	3/4	4,586.17	3/4	4,955.58	3/4	5,324.03	3/4	
5	154.51	5	524.49	5	894.48	5	1,264.46	5	1,634.39	5	2,004.33	5	2,374.26	5	2,744.20	5	3,114.14	5	3,484.07	5	3,854.01	5	4,223.94	5	4,593.88	5	4,963.26	5	5,331.71	5	
1/4	162.22	1/4	532.20	1/4	902.18	1/4	1,272.16	1/4	1,642.10	1/4	2,012.04	1/4	2,381.97	1/4	2,751.91	1/4	3,121.84	1/4	3,491.78	1/4	3,861.71	1/4	4,231.65	1/4	4,601.59	1/4	4,970.93	1/4	5,339.38	1/4	
1/2	169.92	1/2	539.91	1/2	909.89	1/2	1,279.87	1/2	1,649.81	1/2	2,019.74	1/2	2,389.68	1/2	2,759.61	1/2	3,129.55	1/2	3,499.49	1/2	3,869.42	1/2	4,239.36	1/2	4,609.29	1/2	4,978.61	1/2	5,347.06	1/2	
3/4	177.63	3/4	547.62	3/4	917.60	3/4	1,287.58	3/4	1,657.51	3/4	2,027.45	3/4	2,397.39	3/4	2,767.32	3/4	3,137.26	3/4	3,507.19	3/4	3,877.13	3/4	4,247.06	3/4	4,617.00	3/4	4,986.29	3/4	5,354.73	3/4	
6	185.34	6	555.32	6	925.31	6	1,295.28	6	1,665.22	6	2,035.16	6	2,405.09	6	2,775.03	6	3,144.96	6	3,514.90	6	3,884.84	6	4,254.77	6	4,624.71	6	4,993.96	6	5,362.41	6	
1/4	193.05	1/4	563.03	1/4	933.02	1/4	1,302.99	1/4	1,672.93	1/4	2,042.86	1/4	2,412.80	1/4	2,782.74	1/4	3,152.67	1/4	3,522.61	1/4	3,892.54	1/4	4,262.48	1/4	4,632.42	1/4	5,001.64	1/4	5,370.09	1/4	
1/2	200.76	1/2	570.74	1/2	940.72	1/2	1,310.70	1/2	1,680.63	1/2	2,050.57	1/2	2,420.51	1/2	2,790.44	1/2	3,160.38	1/2	3,530.31	1/2	3,900.25	1/2	4,270.19	1/2	4,640.12	1/2	5,009.31	1/2	5,377.76	1/2	
3/4	208.46	3/4	578.45	3/4	948.43	3/4	1,318.41	3/4	1,688.34	3/4	2,058.28	3/4	2,428.21	3/4	2,798.15	3/4	3,168.09	3/4	3,538.02	3/4	3,907.96	3/4	4,277.89	3/4	4,647.83	3/4	5,016.99	3/4	5,385.44	3/4	
7	216.17	7	586.16	7	956.14	7	1,326.11	7	1,696.05	7	2,065.98	7	2,435.92	7	2,805.86	7	3,175.79	7	3,545.73	7	3,915.66	7	4,285.60	7	4,655.54	7	5,024.67	7	5,392.44	7	
1/4	223.88	1/4	593.86	1/4	963.85	1/4	1,333.82	1/4	1,703.76	1/4	2,073.69	1/4	2,443.63	1/4	2,813.56	1/4	3,183.50	1/4	3,553.43	1/4	3,923.37	1/4	4,293.31	1/4	4,663.24	1/4	5,032.34	1/4	5,399.45	1/4	
1/2	231.59	1/2	601.57	1/2	971.56	1/2	1,341.53	1/2	1,711.46	1/2	2,081.40	1/2	2,451.33	1/2	2,821.27	1/2	3,191.21	1/2	3,561.14	1/2	3,931.08	1/2	4,301.01	1/2	4,670.95	1/2	5,040.02	1/2	5,406.46	1/2	
3/4	239.30	3/4	609.28	3/4	979.26	3/4	1,349.23	3/4	1,719.17	3/4	2,089.11	3/4	2,459.04	3/4	2,828.98	3/4	3,198.91	3/4	3,568.85	3/4	3,938.78	3/4	4,308.72	3/4	4,678.66	3/4	5,047.69	3/4	5,413.46	3/4	
8	247.00	8	616.99	8	986.97	8	1,356.94	8	1,726.88	8	2,096.81	8	2,466.75	8	2,836.68	8	3,206.62	8	3,576.56	8	3,946.49	8	4,316.43	8	4,686.						



# BARGE "HSM-3213" HARDIN ST. MARINE

## INNAGE TABLE

## 3 PORT OR STAR

INSPECTORATE

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

HULL NO. T071

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	15.62	0	366.96	0	733.54	0	1,100.11	0	1,466.66	0	1,836.82	0	2,207.72	0	2,578.62	0	2,949.51	0	3,320.41	0	3,640.02	0	3,898.74	0	4,157.46	0	4,416.18	0	4,673.43	0	4,878.65
1/4	20.40	1/4	374.60	1/4	741.17	1/4	1,107.75	1/4	1,474.29	1/4	1,844.55	1/4	2,215.45	1/4	2,586.34	1/4	2,957.24	1/4	3,328.13	1/4	3,645.41	1/4	3,904.13	1/4	4,162.85	1/4	4,421.57	1/4	4,678.79	1/4	4,878.97
1/2	25.18	1/2	382.23	1/2	748.81	1/2	1,115.39	1/2	1,481.93	1/2	1,852.28	1/2	2,223.17	1/2	2,594.07	1/2	2,964.97	1/2	3,335.86	1/2	3,650.80	1/2	3,909.52	1/2	4,168.24	1/2	4,426.96	1/2	4,684.14	1/2	4,879.28
3/4	29.96	3/4	389.87	3/4	756.45	3/4	1,123.02	3/4	1,489.56	3/4	1,860.01	3/4	2,230.90	3/4	2,601.80	3/4	2,972.69	3/4	3,343.59	3/4	3,656.19	3/4	3,914.91	3/4	4,173.63	3/4	4,432.32	3/4	4,689.50	3/4	
1	34.73	1	397.51	1	764.08	1	1,130.66	1	1,497.20	1	1,867.73	1	2,238.63	1	2,609.52	1	2,980.42	1	3,351.32	1	3,661.58	1	3,920.30	1	4,179.02	1	4,437.68	1	4,694.86	1	
1/4	41.42	1/4	405.15	1/4	771.72	1/4	1,138.30	1/4	1,504.84	1/4	1,875.46	1/4	2,246.36	1/4	2,617.25	1/4	2,988.15	1/4	3,359.04	1/4	3,666.97	1/4	3,925.69	1/4	4,184.41	1/4	4,443.03	1/4	4,700.22	1/4	
1/2	48.11	1/2	412.78	1/2	779.36	1/2	1,145.93	1/2	1,512.47	1/2	1,883.19	1/2	2,254.08	1/2	2,624.98	1/2	2,995.87	1/2	3,366.77	1/2	3,672.36	1/2	3,931.08	1/2	4,189.80	1/2	4,448.39	1/2	4,705.58	1/2	
3/4	54.79	3/4	420.42	3/4	786.99	3/4	1,153.57	3/4	1,520.11	3/4	1,890.91	3/4	2,261.81	3/4	2,632.70	3/4	3,003.60	3/4	3,374.50	3/4	3,677.75	3/4	3,936.47	3/4	4,195.19	3/4	4,453.75	3/4	4,710.93	3/4	
2	61.48	2	428.06	2	794.63	2	1,161.21	2	1,527.74	2	1,898.64	2	2,269.54	2	2,640.43	2	3,011.33	2	3,382.22	2	3,683.14	2	3,941.86	2	4,200.58	2	4,459.11	2	4,716.29	2	
1/4	69.12	1/4	435.69	1/4	802.27	1/4	1,168.85	1/4	1,535.47	1/4	1,906.37	1/4	2,277.26	1/4	2,648.16	1/4	3,019.05	1/4	3,389.95	1/4	3,688.53	1/4	3,947.25	1/4	4,205.97	1/4	4,464.47	1/4	4,721.65	1/4	
1/2	76.75	1/2	443.33	1/2	809.91	1/2	1,176.48	1/2	1,543.20	1/2	1,914.09	1/2	2,284.99	1/2	2,655.89	1/2	3,026.78	1/2	3,397.68	1/2	3,693.92	1/2	3,952.64	1/2	4,211.36	1/2	4,469.82	1/2	4,727.01	1/2	
3/4	84.39	3/4	450.97	3/4	817.54	3/4	1,184.12	3/4	1,550.92	3/4	1,921.82	3/4	2,292.72	3/4	2,663.61	3/4	3,034.51	3/4	3,405.40	3/4	3,699.31	3/4	3,958.03	3/4	4,216.75	3/4	4,475.18	3/4	4,732.37	3/4	
3	92.03	3	458.60	3	825.18	3	1,191.76	3	1,558.65	3	1,929.55	3	2,300.44	3	2,671.34	3	3,042.24	3	3,413.13	3	3,704.70	3	3,963.42	3	4,222.14	3	4,480.54	3	4,737.72	3	
1/4	99.67	1/4	466.24	1/4	832.82	1/4	1,199.39	1/4	1,566.38	1/4	1,937.28	1/4	2,308.17	1/4	2,679.07	1/4	3,049.96	1/4	3,420.86	1/4	3,710.09	1/4	3,968.81	1/4	4,227.53	1/4	4,485.90	1/4	4,743.08	1/4	
1/2	107.30	1/2	473.88	1/2	840.45	1/2	1,207.03	1/2	1,574.11	1/2	1,945.00	1/2	2,315.90	1/2	2,686.79	1/2	3,057.69	1/2	3,428.59	1/2	3,715.48	1/2	3,974.20	1/2	4,232.92	1/2	4,491.26	1/2	4,748.44	1/2	
3/4	114.94	3/4	481.52	3/4	848.09	3/4	1,214.67	3/4	1,581.83	3/4	1,952.73	3/4	2,323.62	3/4	2,694.52	3/4	3,065.42	3/4	3,436.31	3/4	3,720.87	3/4	3,979.59	3/4	4,238.31	3/4	4,496.61	3/4	4,753.80	3/4	
4	122.58	4	489.15	4	855.73	4	1,222.30	4	1,589.56	4	1,960.46	4	2,331.35	4	2,702.25	4	3,073.14	4	3,443.75	4	3,726.26	4	3,984.98	4	4,243.70	4	4,501.97	4	4,759.16	4	
1/4	130.21	1/4	496.79	1/4	863.36	1/4	1,229.94	1/4	1,597.29	1/4	1,968.18	1/4	2,339.08	1/4	2,709.97	1/4	3,080.87	1/4	3,451.20	1/4	3,731.65	1/4	3,990.37	1/4	4,249.09	1/4	4,507.33	1/4	4,764.51	1/4	
1/2	137.85	1/2	504.43	1/2	871.00	1/2	1,237.58	1/2	1,605.01	1/2	1,975.91	1/2	2,346.81	1/2	2,717.70	1/2	3,088.60	1/2	3,458.64	1/2	3,737.04	1/2	3,995.76	1/2	4,254.48	1/2	4,512.69	1/2	4,769.87	1/2	
3/4	145.49	3/4	512.06	3/4	878.64	3/4	1,245.21	3/4	1,612.74	3/4	1,983.64	3/4	2,354.53	3/4	2,725.43	3/4	3,096.32	3/4	3,466.08	3/4	3,742.43	3/4	4,001.15	3/4	4,259.87	3/4	4,518.05	3/4	4,775.23	3/4	
5	153.12	5	519.70	5	886.28	5	1,252.85	5	1,620.47	5	1,991.36	5	2,362.26	5	2,733.16	5	3,104.05	5	3,473.13	5	3,747.82	5	4,006.54	5	4,265.26	5	4,523.40	5	4,780.59	5	
1/4	160.76	1/4	527.34	1/4	893.91	1/4	1,260.48	1/4	1,628.19	1/4	1,999.09	1/4	2,369.99	1/4	2,740.88	1/4	3,111.78	1/4	3,480.18	1/4	3,753.21	1/4	4,011.93	1/4	4,270.65	1/4	4,528.76	1/4	4,785.95	1/4	
1/2	168.40	1/2	534.97	1/2	901.55	1/2	1,268.12	1/2	1,635.92	1/2	2,006.82	1/2	2,377.71	1/2	2,748.61	1/2	3,119.51	1/2	3,487.23	1/2	3,758.60	1/2	4,017.32	1/2	4,276.04	1/2	4,534.12	1/2	4,791.30	1/2	
3/4	176.04	3/4	542.61	3/4	909.19	3/4	1,275.76	3/4	1,643.65	3/4	2,014.55	3/4	2,385.44	3/4	2,756.34	3/4	3,127.23	3/4	3,494.28	3/4	3,763.99	3/4	4,022.71	3/4	4,281.43	3/4	4,539.48	3/4	4,796.66	3/4	
6	183.67	6	550.25	6	916.82	6	1,283.39	6	1,651.38	6	2,022.27	6	2,393.17	6	2,764.06	6	3,134.96	6	3,500.94	6	3,769.38	6	4,028.10	6	4,286.82	6	4,544.84	6	4,802.02	6	
1/4	191.31	1/4	557.89	1/4	924.46	1/4	1,291.03	1/4	1,659.10	1/4	2,030.00	1/4	2,400.89	1/4	2,771.79	1/4	3,142.69	1/4	3,507.60	1/4	3,774.77	1/4	4,033.49	1/4	4,292.21	1/4	4,550.19	1/4	4,807.38	1/4	
1/2	198.95	1/2	565.52	1/2	932.10	1/2	1,298.66	1/2	1,666.83	1/2	2,037.73	1/2	2,408.62	1/2	2,779.52	1/2	3,150.41	1/2	3,514.26	1/2	3,780.16	1/2	4,038.88	1/2	4,297.60	1/2	4,555.55	1/2	4,812.74	1/2	
3/4	206.58	3/4	573.16	3/4	939.73	3/4	1,306.30	3/4	1,674.56	3/4	2,045.45	3/4	2,416.35	3/4	2,787.24	3/4	3,158.14	3/4	3,520.92	3/4	3,785.55	3/4	4,044.27	3/4	4,302.99	3/4	4,560.91	3/4	4,818.09	3/4	
7	214.22	7	580.80	7	947.37	7	1,313.94	7	1,682.28	7	2,053.18	7	2,424.08	7	2,794.97	7	3,165.87	7	3,527.19	7	3,790.94	7	4,049.66	7	4,308.38	7	4,566.27	7	4,822.98	7	
1/4	221.86	1/4	588.43	1/4	955.01	1/4	1,321.57	1/4	1,690.01	1/4	2,060.91	1/4	2,431.80	1/4	2,802.70	1/4	3,173.59	1/4	3,533.46	1/4	3,796.33	1/4	4,055.05	1/4	4,313.77	1/4	4,571.63	1/4	4,827.87	1/4	
1/2	229.49	1/2	596.07	1/2	962.65	1/2	1,329.21	1/2	1,697.74	1/2	2,068.63	1/2	2,439.53	1/2	2,810.43	1/2	3,181.32	1/2	3,539.73	1/2	3,801.72	1/2	4,060.44	1/2	4,319.16	1/2	4,576.98	1/2	4,832.76	1/2	
3/4	237.13	3/4	603.71	3/4	970.28	3/4	1,336.84	3/4	1,705.47	3/4	2,076.36	3/4	2,447.26	3/4	2,818.15	3/4	3,189.05	3/4	3,546.00	3/4	3,807.11	3/4	4,065.83	3/4	4,324.55	3/4	4,582.34	3/4	4,837.65	3/4	
8	244.77	8	611.34	8	977.92	8	1,344.48	8	1,713.19	8	2,084.09	8	2,454.98	8	2,825.88	8	3,196.78	8	3,551.88	8	3,812.50	8	4,071.22	8	4,						





# BARGE "HSM-3213" HARDIN ST. MARINE

# SLOP TANK STAR

## INNAGE TABLE

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

HULL NO. T071

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.			
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	0.00	0	25.80	0	51.61	0	77.41	0	103.22	0	77.41	0	103.22	0	77.41	0	103.22	0	77.41	0	103.22	0	77.41	0	103.22	0	77.41	0	103.22	0	77.41
1/4	0.54	1/4	26.34	1/4	52.15	1/4	77.95	1/4	103.76	1/4	77.95	1/4	103.76	1/4	77.95	1/4	103.76	1/4	77.95	1/4	103.76	1/4	77.95	1/4	103.76	1/4	77.95	1/4	103.76	1/4	77.95
1/2	1.08	1/2	26.88	1/2	52.68	1/2	78.49	1/2	104.29	1/2	78.49	1/2	104.29	1/2	78.49	1/2	104.29	1/2	78.49	1/2	104.29	1/2	78.49	1/2	104.29	1/2	78.49	1/2	104.29	1/2	78.49
3/4	1.61	3/4	27.42	3/4	53.22	3/4	79.03	3/4	104.83	3/4	79.03	3/4	104.83	3/4	79.03	3/4	104.83	3/4	79.03	3/4	104.83	3/4	79.03	3/4	104.83	3/4	79.03	3/4	104.83	3/4	79.03
1	2.15	1	27.96	1	53.76	1	79.56	1	105.37	1	79.56	1	105.37	1	79.56	1	105.37	1	79.56	1	105.37	1	79.56	1	105.37	1	79.56	1	105.37	1	79.56
1/4	2.69	1/4	28.49	1/4	54.30	1/4	80.10	1/4	105.91	1/4	80.10	1/4	105.91	1/4	80.10	1/4	105.91	1/4	80.10	1/4	105.91	1/4	80.10	1/4	105.91	1/4	80.10	1/4	105.91	1/4	80.10
1/2	3.23	1/2	29.03	1/2	54.84	1/2	80.64	1/2	106.44	1/2	80.64	1/2	106.44	1/2	80.64	1/2	106.44	1/2	80.64	1/2	106.44	1/2	80.64	1/2	106.44	1/2	80.64	1/2	106.44	1/2	80.64
3/4	3.76	3/4	29.57	3/4	55.37	3/4	81.18	3/4	106.98	3/4	81.18	3/4	106.98	3/4	81.18	3/4	106.98	3/4	81.18	3/4	106.98	3/4	81.18	3/4	106.98	3/4	81.18	3/4	106.98	3/4	81.18
2	4.30	2	30.11	2	55.91	2	81.72	2	107.52	2	81.72	2	107.52	2	81.72	2	107.52	2	81.72	2	107.52	2	81.72	2	107.52	2	81.72	2	107.52	2	81.72
1/4	4.84	1/4	30.64	1/4	56.45	1/4	82.25	1/4	108.06	1/4	82.25	1/4	108.06	1/4	82.25	1/4	108.06	1/4	82.25	1/4	108.06	1/4	82.25	1/4	108.06	1/4	82.25	1/4	108.06	1/4	82.25
1/2	5.38	1/2	31.18	1/2	56.99	1/2	82.79	1/2	108.60	1/2	82.79	1/2	108.60	1/2	82.79	1/2	108.60	1/2	82.79	1/2	108.60	1/2	82.79	1/2	108.60	1/2	82.79	1/2	108.60	1/2	82.79
3/4	5.91	3/4	31.72	3/4	57.52	3/4	83.33	3/4	109.13	3/4	83.33	3/4	109.13	3/4	83.33	3/4	109.13	3/4	83.33	3/4	109.13	3/4	83.33	3/4	109.13	3/4	83.33	3/4	109.13	3/4	83.33
3	6.45	3	32.26	3	58.06	3	83.87	3	109.67	3	83.87	3	109.67	3	83.87	3	109.67	3	83.87	3	109.67	3	83.87	3	109.67	3	83.87	3	109.67	3	83.87
1/4	6.99	1/4	32.79	1/4	58.60	1/4	84.40	1/4	110.21	1/4	84.40	1/4	110.21	1/4	84.40	1/4	110.21	1/4	84.40	1/4	110.21	1/4	84.40	1/4	110.21	1/4	84.40	1/4	110.21	1/4	84.40
1/2	7.53	1/2	33.33	1/2	59.14	1/2	84.94	1/2	110.75	1/2	84.94	1/2	110.75	1/2	84.94	1/2	110.75	1/2	84.94	1/2	110.75	1/2	84.94	1/2	110.75	1/2	84.94	1/2	110.75	1/2	84.94
3/4	8.06	3/4	33.87	3/4	59.67	3/4	85.48	3/4	111.28	3/4	85.48	3/4	111.28	3/4	85.48	3/4	111.28	3/4	85.48	3/4	111.28	3/4	85.48	3/4	111.28	3/4	85.48	3/4	111.28	3/4	85.48
4	8.60	4	34.41	4	60.21	4	86.02	4	111.82	4	86.02	4	111.82	4	86.02	4	111.82	4	86.02	4	111.82	4	86.02	4	111.82	4	86.02	4	111.82	4	86.02
1/4	9.14	1/4	34.94	1/4	60.75	1/4	86.55	1/4	112.36	1/4	86.55	1/4	112.36	1/4	86.55	1/4	112.36	1/4	86.55	1/4	112.36	1/4	86.55	1/4	112.36	1/4	86.55	1/4	112.36	1/4	86.55
1/2	9.68	1/2	35.48	1/2	61.29	1/2	87.09	1/2	112.90	1/2	87.09	1/2	112.90	1/2	87.09	1/2	112.90	1/2	87.09	1/2	112.90	1/2	87.09	1/2	112.90	1/2	87.09	1/2	112.90	1/2	87.09
3/4	10.21	3/4	36.02	3/4	61.82	3/4	87.63	3/4	113.43	3/4	87.63	3/4	113.43	3/4	87.63	3/4	113.43	3/4	87.63	3/4	113.43	3/4	87.63	3/4	113.43	3/4	87.63	3/4	113.43	3/4	87.63
5	10.75	5	36.56	5	62.36	5	88.17	5	113.97	5	88.17	5	113.97	5	88.17	5	113.97	5	88.17	5	113.97	5	88.17	5	113.97	5	88.17	5	113.97	5	88.17
1/4	11.29	1/4	37.09	1/4	62.90	1/4	88.70	1/4	114.51	1/4	88.70	1/4	114.51	1/4	88.70	1/4	114.51	1/4	88.70	1/4	114.51	1/4	88.70	1/4	114.51	1/4	88.70	1/4	114.51	1/4	88.70
1/2	11.83	1/2	37.63	1/2	63.44	1/2	89.24	1/2	115.05	1/2	89.24	1/2	115.05	1/2	89.24	1/2	115.05	1/2	89.24	1/2	115.05	1/2	89.24	1/2	115.05	1/2	89.24	1/2	115.05	1/2	89.24
3/4	12.36	3/4	38.17	3/4	63.97	3/4	89.78	3/4	115.58	3/4	89.78	3/4	115.58	3/4	89.78	3/4	115.58	3/4	89.78	3/4	115.58	3/4	89.78	3/4	115.58	3/4	89.78	3/4	115.58	3/4	89.78
6	12.90	6	38.71	6	64.51	6	90.32	6	116.12	6	90.32	6	116.12	6	90.32	6	116.12	6	90.32	6	116.12	6	90.32	6	116.12	6	90.32	6	116.12	6	90.32
1/4	13.44	1/4	39.24	1/4	65.05	1/4	90.85	1/4	116.66	1/4	90.85	1/4	116.66	1/4	90.85	1/4	116.66	1/4	90.85	1/4	116.66	1/4	90.85	1/4	116.66	1/4	90.85	1/4	116.66	1/4	90.85
1/2	13.98	1/2	39.78	1/2	65.59	1/2	91.39	1/2	117.20	1/2	91.39	1/2	117.20	1/2	91.39	1/2	117.20	1/2	91.39	1/2	117.20	1/2	91.39	1/2	117.20	1/2	91.39	1/2	117.20	1/2	91.39
3/4	14.52	3/4	40.32	3/4	66.12	3/4	91.93	3/4	117.73	3/4	91.93	3/4	117.73	3/4	91.93	3/4	117.73	3/4	91.93	3/4	117.73	3/4	91.93	3/4	117.73	3/4	91.93	3/4	117.73	3/4	91.93
7	15.05	7	40.86	7	66.66	7	92.47	7	118.27	7	92.47	7	118.27	7	92.47	7	118.27	7	92.47	7	118.27	7	92.47	7	118.27	7	92.47	7	118.27	7	92.47
1/4	15.59	1/4	41.40	1/4	67.20	1/4	93.00	1/4	118.81	1/4	93.00	1/4	118.81	1/4	93.00	1/4	118.81	1/4	93.00	1/4	118.81	1/4	93.00	1/4	118.81	1/4	93.00	1/4	118.81	1/4	93.00
1/2	16.13	1/2	41.93	1/2	67.74	1/2	93.54	1/2	119.35	1/2	93.54	1/2	119.35	1/2	93.54	1/2	119.35	1/2	93.54	1/2	119.35	1/2	93.54	1/2	119.35	1/2	93.54	1/2	119.35	1/2	93.54
3/4	16.67	3/4	42.47	3/4	68.28	3/4	94.08	3/4	119.88	3/4	94.08	3/4	119.88	3/4	94.08	3/4	119.88	3/4	94.08	3/4	119.88	3/4	94.08	3/4	119.88	3/4	94.08	3/4	119.88	3/4	94.08
8	17.20	8	43.01	8	68.81	8	94.62	8	120.42	8	94.62	8	120.42	8	94.62	8	120.42	8	94.62	8	120.42	8	94.62	8	120.42	8	94.62	8	120.42	8	94.62
1/4	17.74	1/4	43.55	1/4	69.35	1/4	95.16	1/4	120.96	1/4	95.16	1/4	120.96	1/4	95.16	1/4	120.96	1/4	95.16	1/4	120.96	1/4	95.16	1/4	120.96	1/4	95.16	1/4	120.96	1/4	95.16
1/2	18.28	1/2	44.08	1/2	69.89	1/2	95.69	1/2	121.50	1/2	95.69	1/2	121.50	1/2	95.69	1/2	121.50	1/2	95.69	1/2	121.50	1/2	95.69	1/2	121.50	1/2	95.69	1/2	121.50	1/2	95.69
3/4	18.82	3/4	44.62	3/4	70.43	3/4	96.23	3/4	122.04	3/4	96.23	3/4	122.04	3/4	96.23	3/4	122.04	3/4	96.23	3/4	122.04	3/4	96.23	3/4	122.04	3/4	96.23	3/4	122.04	3/4	96.23
9	19.35	9	45.16	9	70.96	9	96.77	9	122.57	9	96.77	9	122.57	9	96.77	9	122.57	9	96.77	9	122.57	9	96.77	9	122.57	9	96.77	9	122.57	9	96.77
1/4	19.89	1/4	45.70	1/4	71.50	1/4	97.31	1/4	123.11	1/4	97.31	1/4	123.11	1/4	97.31	1/4	123.11	1/4	97.31	1/4	123.11	1/4	97.31	1/4	123.11	1/4	97.31	1/4	123.11	1/4	97.31
1/2	20.43	1/2	46.23	1/2	72.04	1/2	97.84	1/2	123.65	1/2	97.84	1/2	123.65	1/2	97.84	1/2	123.65	1/2	97.84	1/2	123.65	1/2	97.84	1/2	123.65	1/2	97.84	1/2	123.65	1/2	97.84
3/4	20.97	3/4	46.77	3/4	72.58	3/4	98.38	3/4	124.19	3/4	98.38	3/4	124.19	3/4	98.38	3/4	124.19	3/4	98.38	3/4	124.19	3/4									