



## Barge "SMI-30015" Settoon Towing, LLC INNAGE TABLE

TANK NO.  
1 PORT or STAR

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

HULL NO. 470

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.	
D	R	D	R	D	R	D	R	D	R	D	R	D	R	D	R	D	R	D	R	D	R	D	R	D	R	D	R	D	R
0	19.86	0	363.64	0	726.80	0	1,089.85	0	1,451.45	0	1,810.64	0	2,169.83	0	2,528.72	0	2,887.81	0	3,246.89	0	3,605.98	0	3,965.07	0	4,324.16	0	4,683.39	0	5,031.16
1/4	23.74	1/4	371.11	1/4	734.37	1/4	1,097.41	1/4	1,458.84	1/4	1,818.02	1/4	2,177.11	1/4	2,536.20	1/4	2,895.29	1/4	3,254.38	1/4	3,613.46	1/4	3,972.55	1/4	4,331.64	1/4	4,690.76	1/4	5,038.19
1/2	27.62	1/2	378.68	1/2	741.84	1/2	1,104.85	1/2	1,466.42	1/2	1,826.60	1/2	2,184.89	1/2	2,543.68	1/2	2,902.77	1/2	3,261.86	1/2	3,620.94	1/2	3,980.03	1/2	4,339.12	1/2	4,698.12	1/2	5,045.24
3/4	32.82	3/4	388.24	3/4	749.61	3/4	1,112.50	3/4	1,473.90	3/4	1,832.99	3/4	2,192.07	3/4	2,551.16	3/4	2,910.25	3/4	3,269.34	3/4	3,628.43	3/4	3,987.51	3/4	4,346.60	3/4	4,705.49	3/4	5,052.28
1	38.12	1	393.81	1	757.08	1	1,120.05	1	1,481.38	1	1,840.47	1	2,199.55	1	2,558.64	1	2,917.73	1	3,276.82	1	3,635.91	1	3,994.99	1	4,354.08	1	4,712.85	1	5,059.33
1 1/4	43.42	1 1/4	401.38	1 1/4	764.64	1 1/4	1,127.59	1 1/4	1,489.89	1 1/4	1,847.95	1 1/4	2,207.04	1 1/4	2,566.12	1 1/4	2,925.21	1 1/4	3,284.30	1 1/4	3,643.39	1 1/4	4,002.48	1 1/4	4,361.55	1 1/4	4,720.22	1 1/4	5,069.37
1 1/2	48.71	1 1/2	408.95	1 1/2	772.21	1 1/2	1,135.14	1 1/2	1,498.34	1 1/2	1,856.43	1 1/2	2,214.52	1 1/2	2,573.60	1 1/2	2,932.69	1 1/2	3,291.78	1 1/2	3,650.87	1 1/2	4,009.96	1 1/2	4,369.04	1 1/2	4,727.59	1 1/2	5,073.41
1 3/4	55.62	1 3/4	416.52	1 3/4	779.78	1 3/4	1,142.69	1 3/4	1,503.82	1 3/4	1,862.91	1 3/4	2,222.00	1 3/4	2,581.09	1 3/4	2,940.17	1 3/4	3,299.26	1 3/4	3,658.35	1 3/4	4,017.44	1 3/4	4,376.53	1 3/4	4,734.95	1 3/4	5,083.48
2	62.33	2	424.08	2	787.35	2	1,150.23	2	1,511.30	2	1,870.38	2	2,229.47	2	2,588.57	2	2,947.65	2	3,306.74	2	3,665.83	2	4,024.92	2	4,384.01	2	4,742.92	2	5,097.50
2 1/4	68.15	2 1/4	431.85	2 1/4	794.92	2 1/4	1,157.78	2 1/4	1,518.78	2 1/4	1,877.87	2 1/4	2,236.96	2 1/4	2,596.05	2 1/4	2,955.14	2 1/4	3,314.22	2 1/4	3,673.31	2 1/4	4,032.40	2 1/4	4,391.49	2 1/4	4,750.68	2 1/4	5,094.55
2 1/2	75.96	2 1/2	439.22	2 1/2	802.48	2 1/2	1,165.33	2 1/2	1,526.38	2 1/2	1,885.35	2 1/2	2,244.44	2 1/2	2,603.53	2 1/2	2,962.62	2 1/2	3,321.70	2 1/2	3,680.79	2 1/2	4,039.88	2 1/2	4,398.97	2 1/2	4,757.05	2 1/2	5,101.59
2 3/4	83.62	2 3/4	446.79	2 3/4	810.05	2 3/4	1,172.88	2 3/4	1,533.75	2 3/4	1,892.83	2 3/4	2,251.92	2 3/4	2,611.01	2 3/4	2,970.10	2 3/4	3,329.19	2 3/4	3,688.27	2 3/4	4,047.35	2 3/4	4,406.45	2 3/4	4,764.42	2 3/4	5,108.63
3	91.09	3	454.35	3	817.62	3	1,180.42	3	1,541.21	3	1,900.31	3	2,259.40	3	2,618.49	3	2,977.58	3	3,336.67	3	3,695.75	3	4,054.84	3	4,413.93	3	4,771.78	3	5,116.58
3 1/4	98.66	3 1/4	461.92	3 1/4	826.19	3 1/4	1,187.97	3 1/4	1,548.71	3 1/4	1,907.80	3 1/4	2,266.88	3 1/4	2,625.97	3 1/4	3,025.06	3 1/4	3,384.15	3 1/4	3,743.24	3 1/4	4,102.32	3 1/4	4,461.41	3 1/4	4,820.50	3 1/4	5,122.64
3 1/2	106.33	3 1/2	469.49	3 1/2	832.76	3 1/2	1,195.52	3 1/2	1,556.19	3 1/2	1,916.28	3 1/2	2,274.36	3 1/2	2,633.45	3 1/2	2,992.54	3 1/2	3,351.63	3 1/2	3,710.72	3 1/2	4,069.80	3 1/2	4,428.89	3 1/2	4,786.35	3 1/2	5,128.60
3 3/4	113.80	3 3/4	477.06	3 3/4	840.32	3 3/4	1,203.06	3 3/4	1,563.67	3 3/4	1,922.76	3 3/4	2,281.85	3 3/4	2,640.93	3 3/4	3,000.02	3 3/4	3,359.11	3 3/4	3,718.20	3 3/4	4,077.29	3 3/4	4,436.37	3 3/4	4,794.34	3 3/4	5,135.57
4	121.36	4	484.63	4	847.89	4	1,210.61	4	1,571.16	4	1,930.24	4	2,289.33	4	2,648.41	4	3,007.50	4	3,366.59	4	3,725.68	4	4,084.77	4	4,443.85	4	4,802.92	4	5,143.53
4 1/4	128.93	4 1/4	492.20	4 1/4	855.46	4 1/4	1,218.16	4 1/4	1,578.63	4 1/4	1,937.72	4 1/4	2,288.81	4 1/4	2,655.90	4 1/4	3,014.98	4 1/4	3,374.07	4 1/4	3,733.16	4 1/4	4,092.25	4 1/4	4,451.34	4 1/4	4,810.49	4 1/4	5,150.49
4 1/2	135.60	4 1/2	499.78	4 1/2	863.03	4 1/2	1,225.70	4 1/2	1,586.11	4 1/2	1,945.20	4 1/2	2,304.29	4 1/2	2,663.38	4 1/2	3,022.46	4 1/2	3,381.55	4 1/2	3,740.64	4 1/2	4,098.73	4 1/2	4,458.82	4 1/2	4,816.49	4 1/2	5,157.46
4 3/4	144.07	4 3/4	507.33	4 3/4	870.60	4 3/4	1,233.25	4 3/4	1,593.69	4 3/4	1,952.68	4 3/4	2,311.77	4 3/4	2,670.86	4 3/4	3,028.95	4 3/4	3,389.03	4 3/4	3,748.12	4 3/4	4,107.21	4 3/4	4,465.30	4 3/4	4,822.78	4 3/4	5,164.42
5	151.64	5	514.90	5	878.16	5	1,240.80	5	1,601.07	5	1,960.15	5	2,319.25	5	2,678.34	5	3,037.43	5	3,396.51	5	3,755.60	5	4,114.69	5	4,473.78	5	4,832.85	5	5,171.38
5 1/4	169.20	5 1/4	522.47	5 1/4	885.73	5 1/4	1,248.35	5 1/4	1,608.66	5 1/4	1,967.64	5 1/4	2,328.73	5 1/4	2,685.82	5 1/4	3,044.91	5 1/4	3,404.00	5 1/4	3,763.08	5 1/4	4,122.17	5 1/4	4,481.26	5 1/4	4,839.35	5 1/4	5,178.35
5 1/2	168.77	5 1/2	530.04	5 1/2	893.30	5 1/2	1,255.89	5 1/2	1,616.04	5 1/2	1,976.12	5 1/2	2,334.21	5 1/2	2,693.30	5 1/2	3,052.39	5 1/2	3,411.48	5 1/2	3,770.56	5 1/2	4,129.65	5 1/2	4,488.74	5 1/2	4,844.63	5 1/2	5,186.31
5 3/4	174.34	5 3/4	537.60	5 3/4	899.87	5 3/4	1,263.44	5 3/4	1,623.52	5 3/4	1,982.61	5 3/4	2,341.69	5 3/4	2,700.78	5 3/4	3,059.87	5 3/4	3,418.96	5 3/4	3,778.05	5 3/4	4,137.13	5 3/4	4,496.22	5 3/4	4,851.92	5 3/4	5,192.27
6	181.91	6	545.17	6	908.44	6	1,270.99	6	1,631.00	6	1,990.09	6	2,349.17	6	2,708.26	6	3,067.35	6	3,426.44	6	3,785.53	6	4,144.61	6	4,503.70	6	4,862.80	6	5,199.23
6 1/4	189.48	6 1/4	552.74	6 1/4	916.00	6 1/4	1,278.53	6 1/4	1,638.48	6 1/4	1,997.57	6 1/4	2,356.66	6 1/4	2,715.74	6 1/4	3,074.83	6 1/4	3,433.92	6 1/4	3,793.01	6 1/4	4,152.10	6 1/4	4,511.23	6 1/4	4,869.41	6 1/4	5,206.17
6 1/2	197.04	6 1/2	560.31	6 1/2	923.67	6 1/2	1,286.08	6 1/2	1,645.96	6 1/2	2,005.05	6 1/2	2,364.14	6 1/2	2,723.22	6 1/2	3,082.31	6 1/2	3,441.40	6 1/2	3,800.49	6 1/2	4,159.58	6 1/2	4,518.72	6 1/2	4,873.61	6 1/2	5,213.11
6 3/4	204.61	6 3/4	567.88	6 3/4	931.14	6 3/4	1,293.63	6 3/4	1,653.44	6 3/4	2,012.53	6 3/4	2,371.62	6 3/4	2,730.71	6 3/4	3,089.79	6 3/4	3,448.88	6 3/4	3,807.97	6 3/4	4,167.06	6 3/4	4,526.28	6 3/4	4,880.82	6 3/4	5,220.05
7	212.16	7	575.44	7	938.71	7	1,301.17	7	1,660.92	7	2,020.01	7	2,379.10	7	2,738.19	7	3,097.27	7	3,456.36	7	3,815.45	7	4,174.54	7	4,533.61	7	4,892.70	7	5,226.98
7 1/4	219.75	7 1/4	583.01	7 1/4	946.28	7 1/4	1,308.72	7 1/4	1,668.40	7 1/4	2,027.49	7 1/4	2,386.58	7 1/4	2,745.67	7 1/4	3,104.76	7 1/4	3,463.84	7 1/4	3,822.93	7 1/4	4,182.02	7 1/4	4,541.34	7 1/4	4,899.23	7 1/4	5,232.66
7 1/2	227.32	7 1/2	590.58	7 1/2	953.84	7 1/2	1,316.27	7 1/2	1,676.88	7 1/2	2,034.97	7 1/2	2,394.06	7 1/2	2,753.15	7 1/2	3,112.24	7 1/2	3,471.32	7 1/2	3,830.41	7 1/2	4,189.50	7 1/2	4,548.89	7 1/2	4,907.43	7 1/2	5,238.33
7 3/4	234.88	7 3/4	598.15	7 3/4	961.41	7 3/4	1,323.82	7 3/4	1,683.37	7 3/4	2,042.45	7 3/4	2,401.54	7 3/4	2,760.63	7 3/4	3,119.72	7 3/4	3,478.81	7 3/4	3,837.89	7 3/4	4,196.98	7 3/4	4,556.39	7 3/4	4,909.64	7 3/4	5,244.01
8	242.45	8	605.72	8	968.99	8	1,331.36	8	1,690.95	8	2,049.93	8	2,409.02	8	2,768.11	8	3,127.20	8	3,486.29	8	3,845.37	8	4,204.46	8	4,563.92	8	4,916.84	8	5,249.69
8 1/4	260.02	8 1/4	613.28	8 1/4	976.55	8 1/4	1,338.91	8 1/4	1,698.33	8 1/4	2,057.42	8 1/4	2,416.80	8 1/4	2,776.59	8 1/4	3,134.68	8 1/4	3,493.77	8 1/4	3,852.86	8 1/4	4,211.94	8 1/4	4,571.45	8 1/4	4,924.05	8 1/4	5,254.10
8 1/2	267.59	8 1/2	620.85	8 1/2	984.12	8 1/2	1,346.46	8 1/2	1,705.81	8 1/2	2,064.90	8 1/2	2,423.98	8 1/2	2,783.07	8 1/2	3,142.16	8 1/2	3,501.25	8 1/2	3,860.34	8 1/2	4,219.42	8 1/2	4,578.97	8 1/2	4,931.25	8 1/2	5,258.61
8 3/4	265.16	8 3/4	628.42	8 3/4	991.68	8 3/4	1,354.00	8 3/4	1,71																				



## Barge "SMI-30015" Settoon Towing, LLC INNAGE TABLE

TANK NO.  
2 PORT or STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 470

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.					
N	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A	N	A
0	19.99	0	393.54	0	726.50	0	1,059.89	0	1,452.10	0	1,814.66	0	2,177.16	0	2,539.66	0	2,902.16	0	3,264.64	0	3,627.14	0	3,989.64	0	4,352.13	0	4,713.07	0	5,069.83				
1/4	23.74	1/4	371.11	1/4	734.37	1/4	1,097.41	1/4	1,459.72	1/4	1,822.21	1/4	2,184.71	1/4	2,547.20	1/4	2,909.70	1/4	3,272.20	1/4	3,634.69	1/4	3,997.19	1/4	4,359.68	1/4	4,720.43	1/4	5,087.87				
1/2	27.62	1/2	376.68	1/2	741.94	1/2	1,104.95	1/2	1,467.27	1/2	1,829.76	1/2	2,192.26	1/2	2,554.76	1/2	2,917.25	1/2	3,279.75	1/2	3,642.24	1/2	4,004.74	1/2	4,367.24	1/2	4,727.80	1/2	5,074.52				
3/4	32.82	3/4	385.24	3/4	749.61	3/4	1,112.60	3/4	1,474.82	3/4	1,837.32	3/4	2,199.81	3/4	2,562.31	3/4	2,924.80	3/4	3,287.30	3/4	3,649.80	3/4	4,012.29	3/4	4,374.79	3/4	4,735.17	3/4	5,091.58				
1	38.12	1	393.61	1	757.08	1	1,120.05	1	1,482.37	1	1,844.87	1	2,207.36	1	2,569.86	1	2,932.36	1	3,294.85	1	3,657.35	1	4,019.84	1	4,382.34	1	4,742.63	1	5,099.00				
1 1/4	43.42	1 1/4	401.38	1 1/4	764.64	1 1/4	1,127.69	1 1/4	1,489.92	1 1/4	1,852.42	1 1/4	2,214.92	1 1/4	2,577.41	1 1/4	2,939.91	1 1/4	3,302.40	1 1/4	3,664.90	1 1/4	4,027.40	1 1/4	4,389.89	1 1/4	4,749.89	1 1/4	5,098.05				
1 1/2	48.74	1 1/2	408.58	1 1/2	772.21	1 1/2	1,135.14	1 1/2	1,497.48	1 1/2	1,859.97	1 1/2	2,222.47	1 1/2	2,584.96	1 1/2	2,947.46	1 1/2	3,309.95	1 1/2	3,672.45	1 1/2	4,034.95	1 1/2	4,397.44	1 1/2	4,757.26	1 1/2	5,103.69				
1 3/4	55.52	1 3/4	418.52	1 3/4	778.78	1 3/4	1,142.69	1 3/4	1,505.03	1 3/4	1,867.52	1 3/4	2,230.02	1 3/4	2,592.52	1 3/4	2,955.01	1 3/4	3,317.51	1 3/4	3,680.00	1 3/4	4,042.50	1 3/4	4,405.00	1 3/4	4,764.63	1 3/4	5,110.14				
2	62.33	2	424.08	2	787.35	2	1,150.23	2	1,512.68	2	1,875.08	2	2,237.67	2	2,600.17	2	2,962.66	2	3,325.06	2	3,687.55	2	4,050.05	2	4,412.55	2	4,772.00	2	5,117.18				
2 1/4	69.15	2 1/4	431.65	2 1/4	794.92	2 1/4	1,157.78	2 1/4	1,520.13	2 1/4	1,882.63	2 1/4	2,245.12	2 1/4	2,607.62	2 1/4	2,970.12	2 1/4	3,332.61	2 1/4	3,695.11	2 1/4	4,057.60	2 1/4	4,420.10	2 1/4	4,779.36	2 1/4	5,124.22				
2 1/2	76.88	2 1/2	439.22	2 1/2	802.48	2 1/2	1,165.33	2 1/2	1,527.68	2 1/2	1,890.18	2 1/2	2,252.68	2 1/2	2,615.17	2 1/2	2,977.67	2 1/2	3,340.16	2 1/2	3,702.66	2 1/2	4,065.16	2 1/2	4,427.65	2 1/2	4,786.73	2 1/2	5,131.27				
2 3/4	83.82	2 3/4	446.78	2 3/4	810.05	2 3/4	1,172.88	2 3/4	1,535.24	2 3/4	1,897.73	2 3/4	2,260.23	2 3/4	2,622.72	2 3/4	2,985.22	2 3/4	3,347.72	2 3/4	3,710.21	2 3/4	4,072.71	2 3/4	4,435.20	2 3/4	4,794.99	2 3/4	5,138.31				
3	91.69	3	454.36	3	817.62	3	1,180.42	3	1,542.79	3	1,905.28	3	2,267.78	3	2,630.28	3	2,992.77	3	3,355.27	3	3,717.76	3	4,080.26	3	4,442.76	3	4,801.48	3	5,145.36				
3 1/4	98.66	3 1/4	461.92	3 1/4	825.18	3 1/4	1,187.97	3 1/4	1,550.13	3 1/4	1,912.84	3 1/4	2,273.33	3 1/4	2,635.83	3 1/4	3,000.32	3 1/4	3,362.82	3 1/4	3,725.32	3 1/4	4,087.81	3 1/4	4,450.31	3 1/4	4,808.76	3 1/4	5,152.32				
3 1/2	106.23	3 1/2	469.49	3 1/2	832.76	3 1/2	1,195.52	3 1/2	1,557.89	3 1/2	1,920.39	3 1/2	2,282.88	3 1/2	2,645.38	3 1/2	3,007.88	3 1/2	3,370.37	3 1/2	3,732.87	3 1/2	4,095.36	3 1/2	4,457.86	3 1/2	4,816.03	3 1/2	5,169.28				
3 3/4	113.80	3 3/4	477.06	3 3/4	840.32	3 3/4	1,203.08	3 3/4	1,565.44	3 3/4	1,927.94	3 3/4	2,290.44	3 3/4	2,652.93	3 3/4	3,016.43	3 3/4	3,377.92	3 3/4	3,740.42	3 3/4	4,102.92	3 3/4	4,465.41	3 3/4	4,823.32	3 3/4	5,168.25				
4	121.38	4	484.63	4	847.89	4	1,210.61	4	1,573.00	4	1,935.49	4	2,297.99	4	2,660.48	4	3,022.98	4	3,385.48	4	3,747.97	4	4,110.47	4	4,472.96	4	4,830.60	4	5,173.21				
4 1/4	128.93	4 1/4	492.20	4 1/4	855.46	4 1/4	1,218.16	4 1/4	1,580.65	4 1/4	1,943.04	4 1/4	2,305.54	4 1/4	2,668.04	4 1/4	3,033.53	4 1/4	3,396.03	4 1/4	3,758.52	4 1/4	4,121.02	4 1/4	4,483.51	4 1/4	4,841.59	4 1/4	5,180.17				
4 1/2	136.50	4 1/2	499.76	4 1/2	863.03	4 1/2	1,225.70	4 1/2	1,588.10	4 1/2	1,955.60	4 1/2	2,313.09	4 1/2	2,676.59	4 1/2	3,039.08	4 1/2	3,401.58	4 1/2	3,764.07	4 1/2	4,126.57	4 1/2	4,489.06	4 1/2	4,845.17	4 1/2	5,187.13				
4 3/4	144.07	4 3/4	507.33	4 3/4	870.60	4 3/4	1,233.25	4 3/4	1,595.65	4 3/4	1,963.15	4 3/4	2,320.64	4 3/4	2,683.14	4 3/4	3,045.64	4 3/4	3,408.13	4 3/4	3,770.63	4 3/4	4,133.12	4 3/4	4,495.62	4 3/4	4,852.46	4 3/4	5,194.10				
5	151.64	5	514.50	5	878.16	5	1,240.80	5	1,603.20	5	1,965.70	5	2,328.20	5	2,690.69	5	3,053.19	5	3,415.68	5	3,778.18	5	4,140.68	5	4,503.17	5	4,865.74	5	5,201.06				
5 1/4	159.20	5 1/4	522.47	5 1/4	885.73	5 1/4	1,248.35	5 1/4	1,610.76	5 1/4	1,973.25	5 1/4	2,335.75	5 1/4	2,698.24	5 1/4	3,060.74	5 1/4	3,423.24	5 1/4	3,785.73	5 1/4	4,148.23	5 1/4	4,510.72	5 1/4	4,873.03	5 1/4	5,208.02				
5 1/2	166.77	5 1/2	530.04	5 1/2	893.30	5 1/2	1,255.89	5 1/2	1,618.31	5 1/2	1,980.80	5 1/2	2,343.30	5 1/2	2,705.80	5 1/2	3,068.29	5 1/2	3,430.79	5 1/2	3,793.28	5 1/2	4,155.78	5 1/2	4,518.28	5 1/2	4,874.31	5 1/2	5,214.99				
5 3/4	174.34	5 3/4	537.60	5 3/4	900.87	5 3/4	1,263.44	5 3/4	1,625.86	5 3/4	1,993.36	5 3/4	2,350.85	5 3/4	2,713.35	5 3/4	3,075.84	5 3/4	3,438.34	5 3/4	3,800.84	5 3/4	4,163.33	5 3/4	4,525.83	5 3/4	4,881.80	5 3/4	5,221.65				
6	181.91	6	545.17	6	908.44	6	1,270.59	6	1,633.41	6	1,995.91	6	2,358.40	6	2,720.90	6	3,083.40	6	3,445.89	6	3,808.39	6	4,170.88	6	4,533.38	6	4,898.88	6	5,228.91				
6 1/4	189.48	6 1/4	552.74	6 1/4	916.00	6 1/4	1,278.63	6 1/4	1,640.98	6 1/4	2,003.46	6 1/4	2,365.96	6 1/4	2,728.46	6 1/4	3,090.95	6 1/4	3,453.44	6 1/4	3,815.94	6 1/4	4,178.44	6 1/4	4,540.91	6 1/4	4,906.09	6 1/4	5,235.85				
6 1/2	197.04	6 1/2	560.31	6 1/2	923.57	6 1/2	1,286.08	6 1/2	1,648.52	6 1/2	2,011.01	6 1/2	2,373.51	6 1/2	2,736.01	6 1/2	3,098.50	6 1/2	3,461.00	6 1/2	3,823.49	6 1/2	4,185.99	6 1/2	4,548.43	6 1/2	4,903.23	6 1/2	5,242.79				
6 3/4	204.61	6 3/4	567.88	6 3/4	931.14	6 3/4	1,293.63	6 3/4	1,656.07	6 3/4	2,018.56	6 3/4	2,381.06	6 3/4	2,743.56	6 3/4	3,106.05	6 3/4	3,468.55	6 3/4	3,831.04	6 3/4	4,193.64	6 3/4	4,555.96	6 3/4	4,910.80	6 3/4	5,249.72				
7	212.18	7	575.44	7	938.71	7	1,301.17	7	1,663.62	7	2,026.12	7	2,388.61	7	2,751.11	7	3,113.60	7	3,476.10	7	3,838.60	7	4,201.09	7	4,563.49	7	4,917.70	7	5,256.66				
7 1/4	219.75	7 1/4	583.01	7 1/4	946.28	7 1/4	1,308.72	7 1/4	1,671.17	7 1/4	2,033.67	7 1/4	2,395.16	7 1/4	2,758.66	7 1/4	3,121.16	7 1/4	3,483.65	7 1/4	3,846.15	7 1/4	4,208.64	7 1/4	4,571.02	7 1/4	4,924.91	7 1/4	5,262.34				
7 1/2	227.32	7 1/2	590.58	7 1/2	953.84	7 1/2	1,316.27	7 1/2	1,678.72	7 1/2	2,041.22	7 1/2	2,403.72	7 1/2	2,766.21	7 1/2	3,128.71	7 1/2	3,491.20	7 1/2	3,853.70	7 1/2	4,216.20	7 1/2	4,578.64	7 1/2	4,932.11	7 1/2	5,268.01				
7 3/4	234.88	7 3/4	598.15	7 3/4	961.41	7 3/4	1,323.82	7 3/4	1,686.28	7 3/4	2,048.77	7 3/4	2,411.27	7 3/4	2,773.76	7 3/4	3,138.26	7 3/4	3,498.76	7 3/4	3,861.26	7 3/4	4,223.75	7 3/4	4,586.07	7 3/4	4,939.32	7 3/4	5,273.69				
8	242.45	8	605.72	8	968.98	8	1,331.36	8	1,693.83	8	2,055.32	8	2,418.32	8	2,781.32	8	3,143.81	8	3,506.31	8	3,868.80	8	4,231.30	8	4,593.60	8	4,946.52	8	5,279.36				
8 1/4	250.02	8 1/4	613.28	8 1/4	976.55	8 1/4	1,338.91	8 1/4	1,701.38	8 1/4	2,063.88	8 1/4	2,426.37	8 1/4	2,789.87	8 1/4	3,151.36	8 1/4	3,513.86	8 1/4	3,876.36	8 1/4	4,238.85	8 1/4	4,601.12	8 1/4	4,953.73	8 1/4	5,283.78				
8 1/2	257.59	8 1/2	620.85	8 1/2	984.12	8 1/2	1,346.46	8 1/2	1,709.93	8 1/2	2,071.43	8 1/2	2,433.92	8 1/2	2,796.42	8 1/2	3,158.92	8 1/2	3,521.41	8 1/2	3,883.91	8 1/2	4,246.40	8 1/2	4,608.65	8 1/2	4,960.93	8 1/2	5,288.19				
8 3/4	265.16	8 3/4	628.42	8 3/4	991.68	8 3/4	1,354.00	8 3/4																									



**Barge "SMI-30015"**  
**Setton Towing, LLC**  
**INNAGE TABLE**

**TANK NO.**  
**3 PORT or STAR**

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 470

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	N	10 FT.	N	11 FT.	N	12 FT.	N	13 FT.	N	14 FT.		
0	19.60	0	360.67	0	720.86	0	1,080.95	0	1,440.93	0	1,803.37	0	2,165.82	0	2,528.27	0	2,890.72	0	3,250.00	0	3,466.99	0	3,660.19	0	3,653.39	0	4,045.65	0	4,230.61	0	4,234.26
1/4	23.55	1/4	368.08	1/4	728.37	1/4	1,088.43	1/4	1,448.48	1/4	1,810.93	1/4	2,173.37	1/4	2,535.82	1/4	2,898.27	1/4	3,256.64	1/4	3,471.01	1/4	3,664.21	1/4	3,657.41	1/4	4,049.46	1/4	4,234.42	1/4	4,238.07
1/2	27.30	1/2	375.59	1/2	735.87	1/2	1,095.92	1/2	1,455.03	1/2	1,818.48	1/2	2,180.92	1/2	2,543.37	1/2	2,905.82	1/2	3,263.27	1/2	3,475.04	1/2	3,668.24	1/2	3,661.44	1/2	4,053.98	1/2	4,238.94	1/2	4,242.59
3/4	32.55	3/4	393.09	3/4	743.38	3/4	1,103.41	3/4	1,463.59	3/4	1,826.03	3/4	2,188.47	3/4	2,550.92	3/4	2,913.37	3/4	3,270.72	3/4	3,479.09	3/4	3,672.29	3/4	3,665.49	3/4	4,057.03	3/4	4,242.99	3/4	4,246.64
1	37.81	1	399.60	1	760.88	1	1,110.89	1	1,471.33	1	1,833.06	1	2,195.03	1	2,557.00	1	2,918.97	1	3,276.38	1	3,483.09	1	3,676.29	1	3,669.49	1	4,061.03	1	4,246.99	1	4,250.64
1/4	43.07	1/4	398.10	1/4	768.39	1/4	1,118.38	1/4	1,478.68	1/4	1,841.13	1/4	2,203.68	1/4	2,566.13	1/4	2,928.58	1/4	3,286.00	1/4	3,491.41	1/4	3,684.61	1/4	3,677.81	1/4	4,063.35	1/4	4,248.31	1/4	4,251.96
1/2	48.32	1/2	405.81	1/2	765.60	1/2	1,125.86	1/2	1,485.23	1/2	1,848.68	1/2	2,211.13	1/2	2,573.58	1/2	2,936.02	1/2	3,293.44	1/2	3,497.44	1/2	3,690.64	1/2	3,683.84	1/2	4,065.39	1/2	4,250.35	1/2	4,254.00
3/4	55.08	3/4	413.11	3/4	773.40	3/4	1,133.35	3/4	1,493.78	3/4	1,859.23	3/4	2,218.68	3/4	2,581.13	3/4	2,943.57	3/4	3,299.99	3/4	3,503.49	3/4	3,696.69	3/4	3,689.89	3/4	4,067.03	3/4	4,252.99	3/4	4,256.64
2	61.83	2	420.62	2	780.91	2	1,140.84	2	1,501.33	2	1,863.78	2	2,226.23	2	2,588.68	2	2,951.13	2	3,298.45	2	3,499.19	2	3,692.39	2	3,685.59	2	4,070.89	2	4,256.85	2	4,260.50
1/4	68.59	1/4	428.13	1/4	788.41	1/4	1,148.32	1/4	1,508.89	1/4	1,871.33	1/4	2,233.78	1/4	2,596.23	1/4	2,958.68	1/4	3,303.92	1/4	3,503.21	1/4	3,696.41	1/4	3,689.61	1/4	4,073.13	1/4	4,258.85	1/4	4,262.50
1/2	75.34	1/2	435.63	1/2	795.92	1/2	1,155.81	1/2	1,516.44	1/2	1,878.88	1/2	2,241.33	1/2	2,603.78	1/2	2,966.23	1/2	3,309.40	1/2	3,507.24	1/2	3,700.44	1/2	3,693.64	1/2	4,074.73	1/2	4,260.71	1/2	4,264.36
3/4	82.85	3/4	443.14	3/4	803.43	3/4	1,163.29	3/4	1,523.99	3/4	1,886.44	3/4	2,248.88	3/4	2,611.33	3/4	2,973.78	3/4	3,314.23	3/4	3,511.26	3/4	3,704.46	3/4	3,697.66	3/4	4,076.07	3/4	4,262.87	3/4	4,266.52
3	89.36	3	450.64	3	810.93	3	1,170.78	3	1,531.64	3	1,893.89	3	2,258.43	3	2,621.88	3	2,984.33	3	3,319.19	3	3,516.29	3	3,708.49	3	3,699.69	3	4,078.93	3	4,264.87	3	4,268.52
1/4	97.88	1/4	458.15	1/4	818.44	1/4	1,178.27	1/4	1,539.09	1/4	1,901.64	1/4	2,263.98	1/4	2,626.43	1/4	2,988.88	1/4	3,324.08	1/4	3,518.31	1/4	3,712.61	1/4	3,695.72	1/4	4,080.81	1/4	4,266.93	1/4	4,270.58
1/2	105.37	1/2	465.66	1/2	825.94	1/2	1,185.76	1/2	1,546.64	1/2	1,909.03	1/2	2,271.54	1/2	2,633.99	1/2	2,996.43	1/2	3,328.88	1/2	3,523.34	1/2	3,716.54	1/2	3,700.74	1/2	4,083.13	1/2	4,269.07	1/2	4,272.72
3/4	112.87	3/4	473.15	3/4	833.45	3/4	1,193.24	3/4	1,554.18	3/4	1,916.64	3/4	2,279.09	3/4	2,641.53	3/4	3,003.98	3/4	3,333.29	3/4	3,527.36	3/4	3,720.56	3/4	3,704.76	3/4	4,085.23	3/4	4,270.19	3/4	4,273.84
4	120.38	4	480.67	4	840.96	4	1,200.72	4	1,561.74	4	1,924.19	4	2,286.64	4	2,649.09	4	3,011.53	4	3,337.61	4	3,531.39	4	3,724.59	4	3,708.79	4	4,088.06	4	4,274.23	4	4,277.88
1/4	127.89	1/4	488.17	1/4	848.46	1/4	1,208.21	1/4	1,568.29	1/4	1,931.74	1/4	2,293.19	1/4	2,655.64	1/4	3,018.08	1/4	3,341.92	1/4	3,535.41	1/4	3,728.61	1/4	3,712.81	1/4	4,090.81	1/4	4,276.35	1/4	4,279.99
1/2	135.39	1/2	495.68	1/2	855.97	1/2	1,215.70	1/2	1,578.84	1/2	1,939.29	1/2	2,301.74	1/2	2,664.19	1/2	3,026.64	1/2	3,346.24	1/2	3,539.44	1/2	3,732.64	1/2	3,720.84	1/2	4,093.13	1/2	4,278.57	1/2	4,282.22
3/4	142.90	3/4	503.19	3/4	863.47	3/4	1,223.18	3/4	1,584.40	3/4	1,946.84	3/4	2,309.29	3/4	2,671.74	3/4	3,034.19	3/4	3,350.26	3/4	3,543.46	3/4	3,736.66	3/4	3,724.86	3/4	4,095.23	3/4	4,280.19	3/4	4,283.84
5	150.40	5	510.69	5	870.98	5	1,230.67	5	1,591.95	5	1,954.39	5	2,318.64	5	2,679.29	5	3,041.74	5	3,354.29	5	3,547.49	5	3,740.69	5	3,724.89	5	4,098.33	5	4,284.87	5	4,288.52
1/4	157.91	1/4	518.20	1/4	878.49	1/4	1,238.15	1/4	1,599.50	1/4	1,961.95	1/4	2,324.39	1/4	2,685.84	1/4	3,049.28	1/4	3,358.31	1/4	3,551.51	1/4	3,744.72	1/4	3,728.92	1/4	4,099.81	1/4	4,286.93	1/4	4,290.58
1/2	165.42	1/2	525.70	1/2	885.99	1/2	1,245.64	1/2	1,607.05	1/2	1,969.60	1/2	2,331.84	1/2	2,694.39	1/2	3,056.84	1/2	3,362.34	1/2	3,555.54	1/2	3,748.74	1/2	3,732.94	1/2	4,101.31	1/2	4,291.67	1/2	4,316.20
3/4	172.92	3/4	533.21	3/4	893.50	3/4	1,253.13	3/4	1,614.60	3/4	1,977.05	3/4	2,339.49	3/4	2,701.94	3/4	3,064.39	3/4	3,366.36	3/4	3,559.56	3/4	3,752.77	3/4	3,740.97	3/4	4,103.19	3/4	4,293.81	3/4	4,318.20
6	160.43	6	540.72	6	901.00	6	1,260.61	6	1,622.15	6	1,984.60	6	2,347.05	6	2,709.49	6	3,071.94	6	3,370.39	6	3,563.59	6	3,756.79	6	3,740.99	6	4,105.66	6	4,295.93	6	4,320.52
1/4	167.93	1/4	548.22	1/4	908.51	1/4	1,268.10	1/4	1,629.70	1/4	1,992.15	1/4	2,354.60	1/4	2,717.04	1/4	3,078.49	1/4	3,374.41	1/4	3,567.61	1/4	3,760.82	1/4	3,745.02	1/4	4,107.69	1/4	4,298.85	1/4	4,323.59
1/2	175.44	1/2	555.73	1/2	916.02	1/2	1,275.59	1/2	1,637.25	1/2	1,999.70	1/2	2,362.15	1/2	2,724.60	1/2	3,087.04	1/2	3,378.44	1/2	3,571.64	1/2	3,764.84	1/2	3,749.04	1/2	4,109.31	1/2	4,299.97	1/2	4,324.67
3/4	202.95	3/4	563.23	3/4	923.52	3/4	1,283.07	3/4	1,644.60	3/4	2,007.25	3/4	2,369.70	3/4	2,732.15	3/4	3,094.69	3/4	3,382.46	3/4	3,575.66	3/4	3,768.87	3/4	3,753.07	3/4	4,111.93	3/4	4,301.97	3/4	4,326.71
7	210.45	7	570.74	7	931.03	7	1,290.56	7	1,652.35	7	2,014.80	7	2,377.26	7	2,739.70	7	3,102.16	7	3,396.49	7	3,579.69	7	3,772.89	7	3,762.92	7	4,114.39	7	4,306.45	7	4,331.10
1/4	217.96	1/4	578.25	1/4	938.53	1/4	1,298.04	1/4	1,659.91	1/4	2,022.35	1/4	2,384.60	1/4	2,747.25	1/4	3,109.70	1/4	3,399.61	1/4	3,583.81	1/4	3,772.82	1/4	3,762.85	1/4	4,116.81	1/4	4,308.87	1/4	4,333.61
1/2	225.46	1/2	585.75	1/2	948.04	1/2	1,305.53	1/2	1,667.46	1/2	2,028.90	1/2	2,392.35	1/2	2,754.60	1/2	3,117.25	1/2	3,394.54	1/2	3,587.74	1/2	3,770.94	1/2	3,760.97	1/2	4,118.81	1/2	4,309.93	1/2	4,334.67
3/4	232.97	3/4	593.26	3/4	953.55	3/4	1,313.01	3/4	1,675.01	3/4	2,037.46	3/4	2,399.90	3/4	2,762.35	3/4	3,124.80	3/4	3,398.66	3/4	3,591.76	3/4	3,784.97	3/4	3,774.97	3/4	4,120.81	3/4	4,311.97	3/4	4,336.71
8	240.46	8	600.76	8	951.05	8	1,320.50	8	1,682.56	8	2,045.01	8	2,407.45	8	2,769.50	8	3,132.35	8	3,402.59	8	3,595.79	8	3,788.								