



BARGE "CTCo-349 B"

CENAC TOWING COMPANY

HULL NO. 145

CORRECTION TABLE FOR TRIM AFT.			
FOR INNAGE GAUGES ONLY			
TRIM	TANKS NO. 1 PORT OR STAR.	TANKS NO. 2 PORT OR STAR.	TANKS NO. 3 PORT OR STAR.
0'-6"	NIL	NIL	(-) 0'- 0 1/8"
1'-0"	(-) 0'- 0 1/8"	(-) 0'- 0 1/8"	(-) 0'- 0 1/4"
1'-6"	(-) 0'- 0 1/8"	(-) 0'- 0 1/8"	(-) 0'- 0 3/8"
2'-0"	(-) 0'- 0 1/4"	(-) 0'- 0 1/8"	(-) 0'- 0 5/8"
2'-6"	(-) 0'- 0 1/4"	(-) 0'- 0 1/8"	(-) 0'- 0 3/4"
3'-0"	(-) 0'- 0 1/4"	(-) 0'- 0 1/4"	(-) 0'- 0 7/8"
3'-6"	(-) 0'- 0 3/8"	(-) 0'- 0 1/4"	(-) 0'- 1"
4'-0"	(-) 0'- 0 3/8"	(-) 0'- 0 1/4"	(-) 0'- 1 1/8"
4'-6"	(-) 0'- 0 1/2"	(-) 0'- 0 1/4"	(-) 0'- 1 1/4"
5'-0"	(-) 0'- 0 1/2"	(-) 0'- 0 3/8"	(-) 0'- 1 3/8"

NOTE: FOR TRIM FWD., REVERSE SIGNS.

NOTE: IF LIQUID SURFACE TOUCHES TANK BOTTOM OR DECK WHEN GAUGED,
TRIM CORRECTIONS ARE NOT ACCURATE.

NOTE: FOR "OUTAGE" GAUGES, REVERSE SIGNS.

DATE: 1/9/04 BY: 
INSPECTORATE AMERICA CORPORATION



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTCo-349 B"
CENAC TOWING COMPANY
INNAGE TABLE

TANK NO. 1
PORT OR STAR

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

HULL NO. 145

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN																												HULL NO. 145		
N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	
0	*	22.36	0	390.80	0	777.25	0	1,163.70	0	1,550.15	0	1,936.59	0	2,323.04	0	2,709.49	0	3,095.94	0	3,482.38	0	3,868.83	0	4,250.22	0	4,635.04	0	4,963.43	0	5,265.91
1/4		26.60	1/4	398.85	1/4	785.30	1/4	1,171.75	1/4	1,558.20	1/4	1,944.64	1/4	2,331.09	1/4	2,717.54	1/4	3,103.99	1/4	3,490.44	1/4	3,876.88	1/4	4,257.97	1/4	4,622.45	1/4	4,970.49	1/4	5,268.03
1/2		30.84	1/2	406.90	1/2	793.35	1/2	1,179.80	1/2	1,566.25	1/2	1,952.69	1/2	2,339.14	1/2	2,725.59	1/2	3,112.04	1/2	3,498.49	1/2	3,884.93	1/2	4,265.72	1/2	4,629.86	1/2	4,977.56	1/2	5,268.66
3/4		36.77	3/4	414.95	3/4	801.40	3/4	1,187.85	3/4	1,574.30	3/4	1,960.75	3/4	2,347.19	3/4	2,733.64	3/4	3,120.09	3/4	3,506.54	3/4	3,892.99	3/4	4,273.47	3/4	4,657.27	3/4	4,984.62	3/4	5,269.30
1		42.70	1	423.01	1	809.45	1	1,195.90	1	1,582.35	1	1,968.80	1	2,355.24	1	2,741.69	1	3,128.14	1	3,514.59	1	3,901.04	1	4,281.22	1	4,664.68	1	4,991.68	1	5,269.93
1/4		48.63	1/4	431.06	1/4	817.50	1/4	1,203.95	1/4	1,590.40	1/4	1,976.85	1/4	2,363.30	1/4	2,749.74	1/4	3,136.19	1/4	3,522.64	1/4	3,909.09	1/4	4,286.72	1/4	4,672.08	1/4	4,998.75	1/4	5,269.93
1/2		54.56	1/2	438.11	1/2	825.56	1/2	1,212.00	1/2	1,598.45	1/2	1,984.90	1/2	2,371.35	1/2	2,757.79	1/2	3,144.24	1/2	3,530.69	1/2	3,917.14	1/2	4,296.72	1/2	4,689.49	1/2	4,998.75	1/2	5,269.93
3/4		61.98	3/4	447.16	3/4	833.61	3/4	1,220.05	3/4	1,606.50	3/4	1,992.95	3/4	2,379.40	3/4	2,765.85	3/4	3,152.29	3/4	3,538.74	3/4	3,925.19	3/4	4,304.47	3/4	4,666.90	3/4	4,998.75	3/4	5,269.93
2		69.40	2	455.21	2	841.66	2	1,228.11	2	1,614.55	2	2,001.00	2	2,387.45	2	2,773.90	2	3,160.34	2	3,546.79	2	3,933.24	2	4,312.22	2	4,674.31	2	5,019.94	2	5,269.93
1/4		76.81	1/4	463.26	1/4	849.71	1/4	1,236.16	1/4	1,622.60	1/4	2,009.05	1/4	2,395.50	1/4	2,781.95	1/4	3,168.40	1/4	3,554.84	1/4	3,941.29	1/4	4,319.96	1/4	4,681.72	1/4	4,998.75	1/4	5,269.93
1/2		84.86	1/2	471.31	1/2	857.76	1/2	1,244.21	1/2	1,630.66	1/2	2,017.10	1/2	2,403.55	1/2	2,790.00	1/2	3,176.45	1/2	3,562.89	1/2	3,949.34	1/2	4,327.64	1/2	4,689.04	1/2	4,998.75	1/2	5,269.93
3/4		92.91	3/4	479.36	3/4	865.81	3/4	1,252.26	3/4	1,638.71	3/4	2,025.15	3/4	2,411.60	3/4	2,798.05	3/4	3,184.50	3/4	3,570.95	3/4	3,957.39	3/4	4,335.31	3/4	4,696.36	3/4	4,998.75	3/4	5,269.93
3		100.97	3	487.41	3	873.86	3	1,260.31	3	1,646.76	3	2,033.20	3	2,419.65	3	2,806.10	3	3,192.55	3	3,579.00	3	3,965.43	3	4,342.97	3	4,703.68	3	5,047.94	3	5,269.93
1/4		109.02	1/4	495.46	1/4	881.91	1/4	1,268.36	1/4	1,654.81	1/4	2,041.26	1/4	2,427.70	1/4	2,814.15	1/4	3,200.60	1/4	3,587.05	1/4	3,973.48	1/4	4,350.64	1/4	4,711.00	1/4	5,054.92	1/4	5,269.93
1/2		117.07	1/2	503.51	1/2	889.96	1/2	1,276.41	1/2	1,662.86	1/2	2,049.31	1/2	2,435.75	1/2	2,822.20	1/2	3,208.65	1/2	3,595.10	1/2	3,981.53	1/2	4,358.31	1/2	4,718.33	1/2	5,061.89	1/2	5,269.93
3/4		125.12	3/4	511.57	3/4	898.01	3/4	1,284.46	3/4	1,670.91	3/4	2,057.36	3/4	2,443.81	3/4	2,830.25	3/4	3,216.70	3/4	3,603.15	3/4	3,989.57	3/4	4,365.97	3/4	4,725.65	3/4	5,068.87	3/4	5,269.93
4		133.17	4	519.62	4	906.07	4	1,292.51	4	1,678.96	4	2,065.41	4	2,451.86	4	2,838.30	4	3,224.75	4	3,611.20	4	3,997.62	4	4,373.64	4	4,732.97	4	5,075.85	4	5,269.93
1/4		141.22	1/4	527.67	1/4	914.12	1/4	1,300.56	1/4	1,687.01	1/4	2,073.46	1/4	2,459.91	1/4	2,845.91	1/4	3,232.80	1/4	3,619.25	1/4	4,005.67	1/4	4,381.30	1/4	4,740.29	1/4	5,082.83	1/4	5,269.93
1/2		149.27	1/2	535.72	1/2	922.17	1/2	1,308.62	1/2	1,695.06	1/2	2,081.51	1/2	2,467.96	1/2	2,854.41	1/2	3,240.85	1/2	3,627.30	1/2	4,013.71	1/2	4,388.97	1/2	4,747.61	1/2	5,089.81	1/2	5,269.93
3/4		157.32	3/4	543.77	3/4	930.22	3/4	1,316.67	3/4	1,703.11	3/4	2,089.56	3/4	2,476.01	3/4	2,862.46	3/4	3,248.91	3/4	3,635.35	3/4	4,021.76	3/4	4,396.64	3/4	4,754.94	3/4	5,096.78	3/4	5,269.93
5		165.37	5	551.82	5	938.27	5	1,324.72	5	1,711.17	5	2,097.61	5	2,484.06	5	2,870.51	5	3,256.96	5	3,643.40	5	4,029.81	5	4,404.30	5	4,762.26	5	5,103.76	5	5,269.93
1/4		173.42	1/4	559.87	1/4	946.32	1/4	1,332.77	1/4	1,719.22	1/4	2,105.66	1/4	2,492.11	1/4	2,876.56	1/4	3,265.01	1/4	3,651.46	1/4	4,037.86	1/4	4,411.97	1/4	4,769.58	1/4	5,110.74	1/4	5,269.93
1/2		181.48	1/2	567.92	1/2	954.37	1/2	1,340.82	1/2	1,727.27	1/2	2,113.71	1/2	2,500.16	1/2	2,886.61	1/2	3,273.06	1/2	3,659.51	1/2	4,045.78	1/2	4,419.55	1/2	4,776.82	1/2	5,117.63	1/2	5,269.93
3/4		189.53	3/4	575.97	3/4	962.42	3/4	1,348.87	3/4	1,735.32	3/4	2,121.77	3/4	2,508.21	3/4	2,894.66	3/4	3,281.11	3/4	3,667.56	3/4	4,053.70	3/4	4,427.12	3/4	4,784.05	3/4	5,124.53	3/4	5,269.93
6		197.58	6	584.03	6	970.47	6	1,356.92	6	1,743.37	6	2,129.82	6	2,516.26	6	2,902.71	6	3,289.16	6	3,675.61	6	4,061.62	6	4,434.70	6	4,791.29	6	5,131.42	6	5,269.93
1/4		205.63	1/4	592.08	1/4	978.52	1/4	1,364.97	1/4	1,751.42	1/4	2,137.87	1/4	2,524.32	1/4	2,910.76	1/4	3,295.21	1/4	3,683.66	1/4	4,069.54	1/4	4,442.28	1/4	4,798.53	1/4	5,138.31	1/4	5,269.93
1/2		213.68	1/2	600.13	1/2	986.58	1/2	1,373.02	1/2	1,759.47	1/2	2,145.92	1/2	2,532.37	1/2	2,918.81	1/2	3,305.26	1/2	3,691.71	1/2	4,077.47	1/2	4,449.86	1/2	4,798.53	1/2	5,145.21	1/2	5,269.93
3/4		221.73	3/4	608.18	3/4	994.63	3/4	1,381.07	3/4	1,767.52	3/4	2,153.97	3/4	2,540.42	3/4	2,926.87	3/4	3,313.31	3/4	3,699.76	3/4	4,085.39	3/4	4,457.44	3/4	4,813.00	3/4	5,152.10	3/4	5,269.93
7		229.78	7	616.23	7	1,002.68	7	1,389.13	7	1,775.57	7	2,162.02	7	2,548.47	7	2,934.92	7	3,321.36	7	3,707.81	7	4,093.31	7	4,465.01	7	4,820.24	7	5,158.99	7	5,269.93
1/4		237.83	1/4	624.28	1/4	1,010.73	1/4	1,397.18	1/4	1,783.62	1/4	2,170.07	1/4	2,556.52	1/4	2,942.97	1/4	3,329.42	1/4	3,715.86	1/4	4,101.23	1/4	4,472.59	1/4	4,827.48	1/4	5,165.88	1/4	5,269.93
1/2		245.88	1/2	632.33	1/2	1,018.78	1/2	1,405.23	1/2	1,791.68	1/2	2,178.12	1/2	2,564.57	1/2	2,950.02	1/2	3,337.47	1/2	3,723.91	1/2	4,109.15	1/2	4,480.17	1/2	4,834.71	1/2	5,172.78	1/2	5,269.93
3/4		253.93	3/4	640.38	3/4	1,026.83	3/4	1,413.28	3/4	1,799.73	3/4	2,186.17	3/4	2,572.62	3/4	2,959.07	3/4	3,345.52	3/4	3,731.97	3/4	4,117.08	3/4	4,487.75</						



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTCO-349 B"
CENAC TOWING COMPANY
INNAGE TABLE

TANK NO. 2
PORT OR STAR

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

HULL NO. 145

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN																												HULL NO. 145			
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	0	N	0	N	0	N	0	N	0	N	0	N	0	N	0	N	0	N	0	N	0	N	0	N	0	N	0	N	0		
0	22.51	0	392.55	0	780.54	0	1,168.52	0	1,556.51	0	1,944.49	0	2,332.47	0	2,720.46	0	3,108.44	0	3,496.43	0	3,884.41	0	4,268.11	0	4,635.32	0	4,885.98	0	5,290.44		
1/4	26.78	1/4	400.64	1/4	788.62	1/4	1,176.60	1/4	1,564.59	1/4	1,952.57	1/4	2,340.56	1/4	2,728.54	1/4	3,116.52	1/4	3,504.51	1/4	3,892.49	1/4	4,275.91	1/4	4,642.78	1/4	4,993.09	1/4	5,292.58		
1/2	31.04	1/2	408.72	1/2	796.70	1/2	1,184.69	1/2	1,572.67	1/2	1,960.66	1/2	2,348.64	1/2	2,736.62	1/2	3,124.61	1/2	3,512.59	1/2	3,900.58	1/2	4,283.71	1/2	4,650.24	1/2	5,000.20	1/2	5,293.22		
3/4	37.01	3/4	416.80	3/4	804.79	3/4	1,192.77	3/4	1,580.75	3/4	1,968.74	3/4	2,356.72	3/4	2,744.71	3/4	3,132.69	3/4	3,520.67	3/4	3,908.66	3/4	4,291.51	3/4	4,657.69	3/4	5,007.31	3/4	5,293.85		
1	42.98	1	424.89	1	812.87	1	1,200.85	1	1,588.84	1	1,976.82	1	2,364.81	1	2,752.79	1	3,140.77	1	3,528.76	1	3,916.74	1	4,299.31	1	4,665.15	1	5,014.42	1	5,294.49		
1/4	48.95	1/4	432.97	1/4	820.95	1/4	1,208.94	1/4	1,596.92	1/4	1,984.90	1/4	2,372.89	1/4	2,760.87	1/4	3,148.86	1/4	3,536.84	1/4	3,924.82	1/4	4,307.12	1/4	4,672.60	1/4	5,014.53	1/4	5,294.53		
1/2	54.92	1/2	441.05	1/2	829.04	1/2	1,217.02	1/2	1,605.00	1/2	1,992.99	1/2	2,380.97	1/2	2,768.96	1/2	3,156.94	1/2	3,544.92	1/2	3,932.91	1/2	4,314.92	1/2	4,680.06	1/2	5,014.64	1/2	5,294.64		
3/4	62.39	3/4	449.13	3/4	837.12	3/4	1,225.10	3/4	1,613.09	3/4	2,001.07	3/4	2,389.05	3/4	2,777.04	3/4	3,165.02	3/4	3,553.01	3/4	3,940.99	3/4	4,322.72	3/4	4,687.52	3/4	5,033.75	3/4	5,294.76		
2	69.85	2	457.22	2	845.20	2	1,233.19	2	1,621.17	2	2,007.15	2	2,395.14	2	2,783.12	2	3,173.11	2	3,561.09	2	3,947.09	2	4,330.52	2	4,694.97	2	5,042.86	2	5,294.86		
1/4	77.32	1/4	465.30	1/4	853.28	1/4	1,241.27	1/4	1,629.25	1/4	2,017.24	1/4	2,405.22	1/4	2,793.20	1/4	3,181.19	1/4	3,569.17	1/4	3,957.16	1/4	4,338.32	1/4	4,702.43	1/4	5,043.97	1/4	5,294.97		
1/2	85.40	1/2	473.38	1/2	861.37	1/2	1,249.35	1/2	1,637.34	1/2	2,025.32	1/2	2,413.30	1/2	2,801.29	1/2	3,189.27	1/2	3,577.26	1/2	3,965.26	1/2	4,346.04	1/2	4,709.80	1/2	5,045.02	1/2	5,295.02		
3/4	93.48	3/4	481.47	3/4	869.45	3/4	1,257.43	3/4	1,645.42	3/4	2,033.40	3/4	2,421.39	3/4	2,809.37	3/4	3,197.35	3/4	3,585.34	3/4	3,973.36	3/4	4,353.76	3/4	4,717.17	3/4	5,046.02	3/4	5,295.07		
3	101.57	3	489.55	3	877.53	3	1,265.52	3	1,653.50	3	2,041.49	3	2,429.47	3	2,817.45	3	3,205.44	3	3,593.42	3	3,981.46	3	4,361.47	3	4,724.54	3	5,071.04	3	5,295.07		
1/4	109.65	1/4	497.63	1/4	885.62	1/4	1,273.60	1/4	1,661.58	1/4	2,049.57	1/4	2,437.55	1/4	2,825.54	1/4	3,213.52	1/4	3,601.50	1/4	3,989.56	1/4	4,369.57	1/4	4,731.91	1/4	5,078.07	1/4	5,295.14		
1/2	117.73	1/2	505.72	1/2	893.70	1/2	1,281.68	1/2	1,669.67	1/2	2,057.65	1/2	2,445.64	1/2	2,833.62	1/2	3,221.60	1/2	3,609.59	1/2	3,997.66	1/2	4,376.90	1/2	4,739.28	1/2	5,085.09	1/2	5,295.19		
3/4	125.81	3/4	513.80	3/4	901.78	3/4	1,289.77	3/4	1,677.75	3/4	2,063.73	3/4	2,453.72	3/4	2,841.70	3/4	3,229.69	3/4	3,617.67	3/4	4,005.76	3/4	4,384.62	3/4	4,746.65	3/4	5,092.12	3/4	5,295.24		
4	133.90	4	521.88	4	909.86	4	1,297.85	4	1,685.83	4	2,073.82	4	2,461.80	4	2,849.79	4	3,237.77	4	3,625.75	4	4,013.86	4	4,392.34	4	4,754.02	4	5,093.14	4	5,295.29		
1/4	141.98	1/4	529.96	1/4	917.95	1/4	1,305.93	1/4	1,693.92	1/4	2,081.90	1/4	2,469.88	1/4	2,857.87	1/4	3,245.85	1/4	3,633.84	1/4	4,021.96	1/4	4,401.05	1/4	4,761.39	1/4	5,094.14	1/4	5,295.34		
1/2	150.06	1/2	538.05	1/2	926.03	1/2	1,314.02	1/2	1,702.00	1/2	2,089.98	1/2	2,477.97	1/2	2,865.95	1/2	3,253.94	1/2	3,641.92	1/2	4,030.06	1/2	4,409.15	1/2	4,769.76	1/2	5,095.16	1/2	5,295.39		
3/4	158.15	3/4	546.13	3/4	934.11	3/4	1,322.10	3/4	1,710.08	3/4	2,098.07	3/4	2,486.05	3/4	2,874.03	3/4	3,262.02	3/4	3,650.00	3/4	4,038.16	3/4	4,417.17	3/4	4,776.13	3/4	5,096.19	3/4	5,295.44		
5	166.23	5	554.21	5	942.20	5	1,330.18	5	1,718.17	5	2,106.15	5	2,494.13	5	2,882.12	5	3,270.10	5	3,658.09	5	4,046.26	5	4,423.20	5	4,783.50	5	5,097.24	5	5,295.49		
1/4	174.31	1/4	562.30	1/4	950.28	1/4	1,338.26	1/4	1,726.25	1/4	2,114.23	1/4	2,502.22	1/4	2,890.20	1/4	3,278.18	1/4	3,666.17	1/4	4,054.36	1/4	4,431.40	1/4	4,790.87	1/4	5,098.24	1/4	5,295.54		
1/2	182.40	1/2	570.38	1/2	958.36	1/2	1,346.35	1/2	1,734.33	1/2	2,122.32	1/2	2,510.30	1/2	2,898.28	1/2	3,286.27	1/2	3,674.25	1/2	4,062.33	1/2	4,439.42	1/2	4,798.15	1/2	5,099.29	1/2	5,295.59		
3/4	190.48	3/4	578.46	3/4	966.45	3/4	1,354.43	3/4	1,742.41	3/4	2,130.40	3/4	2,518.38	3/4	2,906.37	3/4	3,294.35	3/4	3,682.33	3/4	4,070.30	3/4	4,448.17	3/4	4,805.44	3/4	5,100.21	3/4	5,295.64		
6	198.56	6	586.55	6	974.53	6	1,362.51	6	1,750.50	6	2,138.48	6	2,526.47	6	2,914.45	6	3,302.43	6	3,690.42	6	4,078.28	6	4,453.80	6	4,812.72	6	5,101.27	6	5,295.69		
1/4	206.64	1/4	594.63	1/4	982.61	1/4	1,370.60	1/4	1,758.58	1/4	2,146.56	1/4	2,534.55	1/4	2,922.53	1/4	3,310.52	1/4	3,698.50	1/4	4,086.25	1/4	4,461.43	1/4	4,820.00	1/4	5,102.32	1/4	5,295.74		
1/2	214.73	1/2	602.71	1/2	990.69	1/2	1,378.68	1/2	1,766.66	1/2	2,154.65	1/2	2,542.63	1/2	2,930.62	1/2	3,318.60	1/2	3,706.58	1/2	4,094.23	1/2	4,469.06	1/2	4,827.29	1/2	5,103.38	1/2	5,295.79		
3/4	222.81	3/4	610.79	3/4	998.78	3/4	1,386.76	3/4	1,774.75	3/4	2,162.73	3/4	2,550.71	3/4	2,938.70	3/4	3,326.68	3/4	3,714.67	3/4	4,102.20	3/4	4,476.68	3/4	4,834.57	3/4	5,104.43	3/4	5,295.84		
7	230.89	7	618.88	7	1,006.86	7	1,394.85	7	1,782.83	7	2,170.81	7	2,558.80	7	2,946.78	7	3,334.77	7	3,722.75	7	4,110.17	7	4,484.31	7	4,841.86	7	5,105.49	7	5,295.89		
1/4	238.98	1/4	626.96	1/4	1,014.94	1/4	1,402.93	1/4	1,790.91	1/4	2,178.90	1/4	2,566.88	1/4	2,954.86	1/4	3,342.85	1/4	3,730.83	1/4	4,118.15	1/4	4,491.94	1/4	4,849.14	1/4	5,106.54	1/4	5,295.94		
1/2	247.06	1/2	635.04	1/2	1,023.03	1/2	1,411.01	1/2	1,799.00	1/2	2,186.98	1/2	2,574.96	1/2	2,962.95	1/2	3,350.93	1/2	3,738.92	1/2	4,126.12	1/2	4,499.57	1/2	4,856.42	1/2	5,107.59	1/2	5,296.00		
3/4	255.14	3/4	643.13	3/4	1,031.11	3/4	1,419.09	3/4	1,807.08	3/4	2,195.06	3/4	2,583.05	3/4	2,971.03	3/4	3,359.01	3/4	3,74												



BARGE "CTCo-349 B"
CENAC TOWING COMPANY
INNAGE TABLE

TANK NO. 3
PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN																												HULL NO. 145	
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	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W
0	22.49	0	393.35	0	782.34	0	1,171.34	0	1,560.33	0	1,949.32	0	2,338.31	0	2,727.30	0	3,116.30	0	3,505.29	0	3,894.28	0	4,283.27	0	4,672.26	0	5,061.25	0	5,450.24
1/4	26.76	1/4	401.46	1/4	790.45	1/4	1,179.44	1/4	1,568.43	1/4	1,957.42	1/4	2,346.41	1/4	2,735.41	1/4	3,124.39	1/4	3,513.38	1/4	3,902.37	1/4	4,291.36	1/4	4,680.35	1/4	5,069.34	1/4	5,458.33
1/2	31.02	1/2	408.56	1/2	798.55	1/2	1,187.54	1/2	1,576.53	1/2	1,965.52	1/2	2,354.51	1/2	2,743.51	1/2	3,132.50	1/2	3,521.50	1/2	3,910.49	1/2	4,299.48	1/2	4,688.47	1/2	5,077.46	1/2	5,466.45
3/4	36.99	3/4	417.66	3/4	806.66	3/4	1,195.65	3/4	1,584.64	3/4	1,973.63	3/4	2,362.62	3/4	2,751.62	3/4	3,140.61	3/4	3,529.60	3/4	3,918.59	3/4	4,307.58	3/4	4,696.57	3/4	5,085.56	3/4	5,474.55
1	42.96	1	425.77	1	814.76	1	1,203.75	1	1,592.74	1	1,981.73	1	2,370.73	1	2,759.72	1	3,148.71	1	3,537.70	1	3,926.69	1	4,315.68	1	4,704.67	1	5,093.66	1	5,482.65
1/4	48.93	1/4	433.87	1/4	822.86	1/4	1,211.86	1/4	1,600.85	1/4	1,989.84	1/4	2,378.83	1/4	2,767.82	1/4	3,156.82	1/4	3,545.81	1/4	3,934.80	1/4	4,323.79	1/4	4,712.78	1/4	5,101.77	1/4	5,490.76
1/2	54.90	1/2	441.98	1/2	830.97	1/2	1,219.96	1/2	1,608.95	1/2	1,997.94	1/2	2,386.93	1/2	2,775.92	1/2	3,164.92	1/2	3,553.91	1/2	3,942.90	1/2	4,331.89	1/2	4,720.88	1/2	5,109.87	1/2	5,498.86
3/4	62.37	3/4	450.08	3/4	839.07	3/4	1,228.06	3/4	1,617.06	3/4	2,006.05	3/4	2,395.04	3/4	2,784.03	3/4	3,173.02	3/4	3,562.02	3/4	3,950.99	3/4	4,339.98	3/4	4,728.97	3/4	5,117.96	3/4	5,506.95
2	69.83	2	458.18	2	847.18	2	1,236.17	2	1,625.16	2	2,014.15	2	2,403.14	2	2,792.13	2	3,181.13	2	3,570.12	2	3,959.10	2	4,348.09	2	4,737.08	2	5,126.07	2	5,515.06
1/4	77.30	1/4	466.29	1/4	855.28	1/4	1,244.27	1/4	1,633.26	1/4	2,022.26	1/4	2,411.25	1/4	2,800.24	1/4	3,189.23	1/4	3,578.22	1/4	3,967.21	1/4	4,356.20	1/4	4,745.19	1/4	5,134.18	1/4	5,523.17
1/2	85.40	1/2	474.39	1/2	863.38	1/2	1,252.38	1/2	1,641.37	1/2	2,030.36	1/2	2,419.35	1/2	2,808.34	1/2	3,197.33	1/2	3,586.32	1/2	3,975.31	1/2	4,364.30	1/2	4,753.29	1/2	5,142.28	1/2	5,531.27
3/4	93.50	3/4	482.50	3/4	871.49	3/4	1,260.48	3/4	1,649.47	3/4	2,038.46	3/4	2,427.45	3/4	2,816.44	3/4	3,205.43	3/4	3,594.42	3/4	3,983.41	3/4	4,372.40	3/4	4,761.39	3/4	5,150.38	3/4	5,539.37
3	101.61	3	490.60	3	879.59	3	1,268.58	3	1,657.58	3	2,046.57	3	2,435.56	3	2,824.55	3	3,213.54	3	3,602.09	3	3,991.08	3	4,380.07	3	4,769.06	3	5,158.05	3	5,547.04
1/4	109.71	1/4	498.70	1/4	887.70	1/4	1,276.69	1/4	1,665.68	1/4	2,054.67	1/4	2,443.66	1/4	2,832.66	1/4	3,221.65	1/4	3,610.64	1/4	3,999.63	1/4	4,388.62	1/4	4,777.61	1/4	5,166.60	1/4	5,555.59
1/2	117.82	1/2	506.81	1/2	895.80	1/2	1,284.79	1/2	1,673.78	1/2	2,062.78	1/2	2,451.77	1/2	2,840.76	1/2	3,229.75	1/2	3,618.74	1/2	4,007.73	1/2	4,396.72	1/2	4,785.71	1/2	5,174.70	1/2	5,563.69
3/4	125.92	3/4	514.91	3/4	903.90	3/4	1,292.90	3/4	1,681.89	3/4	2,070.88	3/4	2,459.87	3/4	2,848.86	3/4	3,237.85	3/4	3,626.84	3/4	4,015.83	3/4	4,404.82	3/4	4,793.81	3/4	5,182.80	3/4	5,571.79
4	134.02	4	523.02	4	912.01	4	1,301.00	4	1,689.99	4	2,078.98	4	2,467.98	4	2,856.97	4	3,245.96	4	3,634.95	4	4,023.94	4	4,412.93	4	4,801.92	4	5,190.91	4	5,579.90
1/4	142.13	1/4	531.12	1/4	920.11	1/4	1,309.10	1/4	1,698.10	1/4	2,087.09	1/4	2,476.08	1/4	2,865.07	1/4	3,254.06	1/4	3,643.05	1/4	4,032.04	1/4	4,421.03	1/4	4,810.02	1/4	5,199.01	1/4	5,587.99
1/2	150.23	1/2	539.22	1/2	928.22	1/2	1,317.21	1/2	1,706.20	1/2	2,095.19	1/2	2,484.18	1/2	2,873.17	1/2	3,262.17	1/2	3,651.16	1/2	4,040.15	1/2	4,429.14	1/2	4,818.13	1/2	5,207.12	1/2	5,596.11
3/4	158.34	3/4	547.33	3/4	936.32	3/4	1,325.31	3/4	1,714.30	3/4	2,103.30	3/4	2,492.29	3/4	2,881.28	3/4	3,270.27	3/4	3,659.26	3/4	4,048.25	3/4	4,437.24	3/4	4,826.23	3/4	5,215.22	3/4	5,604.21
5	166.44	5	555.43	5	944.42	5	1,333.42	5	1,722.41	5	2,111.40	5	2,500.39	5	2,889.38	5	3,278.37	5	3,667.36	5	4,056.35	5	4,445.34	5	4,834.33	5	5,223.32	5	5,612.31
1/4	174.54	1/4	563.54	1/4	952.53	1/4	1,341.52	1/4	1,730.51	1/4	2,119.50	1/4	2,508.49	1/4	2,897.48	1/4	3,286.47	1/4	3,675.46	1/4	4,064.45	1/4	4,453.44	1/4	4,842.43	1/4	5,231.42	1/4	5,620.41
1/2	182.65	1/2	571.64	1/2	960.63	1/2	1,349.62	1/2	1,738.62	1/2	2,127.61	1/2	2,516.60	1/2	2,905.59	1/2	3,294.58	1/2	3,683.57	1/2	4,072.56	1/2	4,461.55	1/2	4,850.54	1/2	5,239.53	1/2	5,628.52
3/4	190.75	3/4	579.74	3/4	968.74	3/4	1,357.73	3/4	1,746.72	3/4	2,135.71	3/4	2,524.70	3/4	2,913.69	3/4	3,302.68	3/4	3,691.67	3/4	4,080.66	3/4	4,469.65	3/4	4,858.64	3/4	5,247.63	3/4	5,636.62
6	198.86	6	587.85	6	976.84	6	1,365.83	6	1,754.82	6	2,143.82	6	2,532.81	6	2,921.80	6	3,310.79	6	3,699.78	6	4,088.77	6	4,477.76	6	4,866.75	6	5,255.74	6	5,644.73
1/4	206.96	1/4	595.95	1/4	984.94	1/4	1,373.94	1/4	1,762.93	1/4	2,151.92	1/4	2,540.91	1/4	2,929.90	1/4	3,318.89	1/4	3,707.88	1/4	4,096.87	1/4	4,485.86	1/4	4,874.85	1/4	5,263.84	1/4	5,652.83
1/2	215.06	1/2	604.06	1/2	993.05	1/2	1,382.04	1/2	1,771.03	1/2	2,159.92	1/2	2,548.91	1/2	2,937.90	1/2	3,326.89	1/2	3,715.88	1/2	4,104.87	1/2	4,493.86	1/2	4,882.85	1/2	5,271.84	1/2	5,660.83
3/4	223.17	3/4	612.16	3/4	1,001.15	3/4	1,390.14	3/4	1,779.14	3/4	2,168.13	3/4	2,557.12	3/4	2,946.11	3/4	3,335.10	3/4	3,724.09	3/4	4,113.08	3/4	4,502.07	3/4	4,891.06	3/4	5,280.05	3/4	5,669.04
7	231.27	7	620.26	7	1,009.26	7	1,398.25	7	1,787.24	7	2,176.23	7	2,565.22	7	2,954.21	7	3,343.21	7	3,732.20	7	4,121.19	7	4,510.18	7	4,899.17	7	5,288.16	7	5,677.15
1/4	239.38	1/4	628.37	1/4	1,017.36	1/4	1,406.35	1/4	1,795.34	1/4	2,184.33	1/4	2,573.32	1/4	2,962.31	1/4	3,351.31	1/4	3,740.30	1/4	4,129.29	1/4	4,518.28	1/4	4,907.27	1/4	5,296.26	1/4	5,685.25
1/2	247.48	1/2	636.47	1/2	1,025.46	1/2	1,414.46	1/2	1,803.45	1/2	2,192.44	1/2	2,581.43	1/2	2,970.42	1/2	3,359.41	1/2	3,748.40	1/2	4,137.39	1/2	4,526.38	1/2	4,915.37	1/2	5,304.36	1/2	5,693.35
3/4	255.58	3/4	644.58	3/4																									



BARGE "CTCO-349 B"
CENAC TOWING COMPANY
OUTAGE TABLE

TANK NO. 1
PORT OR STAR

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

HULL NO. 145

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	0	N	1	N	2	N	3	N	4	N	5	N	6	N	7	N	8	N	9	N	10	N	11	N	12	N	13	N	14
0	5,255.74	0	4,935.06	0	4,585.33	0	4,219.13	0	3,856.63	0	3,490.18	0	3,126.78	0	2,762.28	0	2,397.78	0	2,033.28	0	1,668.78	0	1,304.28	0	1,039.78	0	775.28	0	510.78
1/4	5,251.93	1/4	4,927.93	1/4	4,577.83	1/4	4,215.29	1/4	3,820.53	1/4	3,443.08	1/4	3,065.63	1/4	2,688.18	1/4	2,310.73	1/4	1,933.28	1/4	1,555.83	1/4	1,178.38	1/4	900.88	1/4	623.38	1/4	345.88
1/2	5,248.12	1/2	4,920.78	1/2	4,570.34	1/2	4,203.45	1/2	3,820.53	1/2	3,442.08	1/2	3,047.63	1/2	2,661.18	1/2	2,274.73	1/2	1,888.29	1/2	1,505.78	1/2	1,121.33	1/2	842.83	1/2	558.33	1/2	273.83
3/4	5,244.30	3/4	4,913.63	3/4	4,562.85	3/4	4,195.62	3/4	3,812.48	3/4	3,428.03	3/4	3,043.58	3/4	2,659.13	3/4	2,274.68	3/4	1,890.23	3/4	1,505.78	3/4	1,121.33	3/4	842.83	3/4	558.33	3/4	273.83
1	5,238.90	1	4,906.48	1	4,555.35	1	4,187.78	1	3,804.37	1	3,417.98	1	3,031.53	1	2,645.08	1	2,258.63	1	1,873.18	1	1,487.73	1	1,102.28	1	816.83	1	531.33	1	246.83
1/4	5,233.29	1/4	4,899.33	1/4	4,547.86	1/4	4,179.84	1/4	3,796.37	1/4	3,409.93	1/4	3,023.48	1/4	2,637.03	1/4	2,250.58	1/4	1,865.08	1/4	1,479.63	1/4	1,094.18	1/4	808.73	1/4	523.23	1/4	238.73
1/2	5,227.78	1/2	4,892.18	1/2	4,540.37	1/2	4,172.10	1/2	3,788.32	1/2	3,401.87	1/2	3,015.43	1/2	2,629.98	1/2	2,243.53	1/2	1,858.08	1/2	1,472.63	1/2	1,087.18	1/2	801.23	1/2	516.73	1/2	231.23
3/4	5,222.27	3/4	4,885.03	3/4	4,532.88	3/4	4,164.27	3/4	3,780.27	3/4	3,393.82	3/4	3,007.38	3/4	2,621.93	3/4	2,236.48	3/4	1,842.93	3/4	1,465.58	3/4	1,080.03	3/4	794.58	3/4	509.03	3/4	226.53
2	5,215.07	2	4,877.88	2	4,525.38	2	4,156.43	2	3,772.22	2	3,385.77	2	2,999.32	2	2,613.87	2	2,228.43	2	1,842.93	2	1,457.53	2	1,072.03	2	786.53	2	501.03	2	221.53
1/4	5,207.86	1/4	4,870.73	1/4	4,517.89	1/4	4,148.59	1/4	3,764.17	1/4	3,377.72	1/4	2,991.27	1/4	2,604.83	1/4	2,219.38	1/4	1,834.93	1/4	1,449.48	1/4	1,064.03	1/4	779.03	1/4	494.53	1/4	216.03
1/2	5,200.66	1/2	4,863.58	1/2	4,510.40	1/2	4,140.76	1/2	3,756.12	1/2	3,369.67	1/2	2,983.22	1/2	2,596.77	1/2	2,211.33	1/2	1,826.38	1/2	1,441.43	1/2	1,056.48	1/2	772.03	1/2	487.53	1/2	211.03
3/4	5,193.46	3/4	4,856.42	3/4	4,502.90	3/4	4,132.92	3/4	3,748.07	3/4	3,361.62	3/4	2,975.17	3/4	2,588.72	3/4	2,203.28	3/4	1,818.33	3/4	1,433.38	3/4	1,048.43	3/4	765.43	3/4	480.43	3/4	206.43
3	5,186.56	3	4,849.19	3	4,495.33	3	4,125.80	3	3,740.02	3	3,353.57	3	2,967.12	3	2,580.67	3	2,194.22	3	1,808.78	3	1,423.33	3	1,038.38	3	753.38	3	467.38	3	199.38
1/4	5,179.67	1/4	4,841.95	1/4	4,487.75	1/4	4,117.08	1/4	3,731.97	1/4	3,345.52	1/4	2,959.07	1/4	2,572.62	1/4	2,186.17	1/4	1,799.73	1/4	1,414.28	1/4	1,029.28	1/4	746.28	1/4	460.28	1/4	194.28
1/2	5,172.78	1/2	4,834.71	1/2	4,480.47	1/2	4,109.15	1/2	3,723.91	1/2	3,337.46	1/2	2,950.92	1/2	2,564.47	1/2	2,173.02	1/2	1,786.57	1/2	1,401.07	1/2	1,015.57	1/2	739.07	1/2	453.57	1/2	189.57
3/4	5,165.88	3/4	4,827.48	3/4	4,472.59	3/4	4,101.23	3/4	3,718.86	3/4	3,329.42	3/4	2,945.97	3/4	2,559.52	3/4	2,172.07	3/4	1,785.62	3/4	1,399.17	3/4	1,013.67	3/4	732.17	3/4	446.67	3/4	184.67
4	5,158.99	4	4,820.24	4	4,465.01	4	4,093.31	4	3,707.81	4	3,321.36	4	2,934.92	4	2,548.47	4	2,162.02	4	1,775.57	4	1,389.12	4	1,003.68	4	726.68	4	440.68	4	180.68
1/4	5,152.10	1/4	4,813.00	1/4	4,457.44	1/4	4,085.39	1/4	3,693.76	1/4	3,313.31	1/4	2,926.87	1/4	2,540.42	1/4	2,153.97	1/4	1,767.52	1/4	1,381.07	1/4	1,000.22	1/4	725.22	1/4	439.22	1/4	179.22
1/2	5,145.21	1/2	4,805.77	1/2	4,449.86	1/2	4,077.47	1/2	3,681.71	1/2	3,305.26	1/2	2,918.18	1/2	2,532.37	1/2	2,145.92	1/2	1,759.47	1/2	1,373.02	1/2	1,000.22	1/2	724.22	1/2	438.22	1/2	178.22
3/4	5,138.31	3/4	4,798.53	3/4	4,442.28	3/4	4,069.54	3/4	3,674.66	3/4	3,297.21	3/4	2,907.76	3/4	2,524.32	3/4	2,137.87	3/4	1,751.42	3/4	1,365.97	3/4	1,000.22	3/4	723.22	3/4	437.22	3/4	177.22
5	5,131.42	5	4,791.29	5	4,434.70	5	4,061.62	5	3,675.61	5	3,289.16	5	2,902.71	5	2,516.26	5	2,129.82	5	1,743.37	5	1,357.92	5	1,000.22	5	722.22	5	436.22	5	176.22
1/4	5,124.53	1/4	4,784.05	1/4	4,427.12	1/4	4,053.70	1/4	3,667.56	1/4	3,281.11	1/4	2,894.66	1/4	2,508.16	1/4	2,121.77	1/4	1,735.32	1/4	1,349.87	1/4	1,000.22	1/4	721.22	1/4	435.22	1/4	175.22
1/2	5,117.63	1/2	4,776.82	1/2	4,419.55	1/2	4,045.78	1/2	3,659.51	1/2	3,273.06	1/2	2,886.61	1/2	2,500.16	1/2	2,113.71	1/2	1,727.27	1/2	1,340.82	1/2	1,000.22	1/2	720.22	1/2	434.22	1/2	174.22
3/4	5,110.74	3/4	4,769.58	3/4	4,411.90	3/4	4,037.86	3/4	3,651.46	3/4	3,265.01	3/4	2,878.56	3/4	2,492.11	3/4	2,105.66	3/4	1,719.22	3/4	1,332.77	3/4	1,000.22	3/4	719.22	3/4	433.22	3/4	173.22
6	5,103.76	6	4,762.26	6	4,404.30	6	4,029.81	6	3,635.35	6	3,256.96	6	2,870.51	6	2,484.06	6	2,097.66	6	1,713.16	6	1,324.72	6	1,000.22	6	718.22	6	432.22	6	172.22
1/4	5,096.78	1/4	4,754.94	1/4	4,396.64	1/4	4,021.76	1/4	3,627.30	1/4	3,248.91	1/4	2,862.46	1/4	2,476.01	1/4	2,089.56	1/4	1,703.11	1/4	1,316.67	1/4	1,000.22	1/4	717.22	1/4	431.22	1/4	171.22
1/2	5,089.81	1/2	4,747.61	1/2	4,388.97	1/2	4,013.71	1/2	3,619.25	1/2	3,240.85	1/2	2,854.41	1/2	2,467.96	1/2	2,081.51	1/2	1,695.06	1/2	1,308.72	1/2	1,000.22	1/2	716.22	1/2	430.22	1/2	170.22
3/4	5,082.83	3/4	4,740.29	3/4	4,381.30	3/4	4,005.67	3/4	3,611.20	3/4	3,232.75	3/4	2,848.36	3/4	2,459.91	3/4	2,073.46	3/4	1,687.01	3/4	1,299.27	3/4	1,000.22	3/4	715.22	3/4	429.22	3/4	169.22
7	5,075.85	7	4,732.87	7	4,373.64	7	3,997.62	7	3,603.15	7	3,224.75	7	2,838.30	7	2,451.86	7	2,065.41	7	1,679.96	7	1,292.21	7	1,000.22	7	714.22	7	428.22	7	168.22
1/4	5,068.87	1/4	4,725.65	1/4	4,365.97	1/4	3,989.57	1/4	3,603.15	1/4	3,216.70	1/4	2,830.25	1/4	2,443.81	1/4	2,057.36	1/4	1,670.91	1/4	1,284.46	1/4	1,000.22	1/4	713.22	1/4	427.22	1/4	167.22
1/2	5,061.89	1/2	4,718.33	1/2	4,358.31	1/2	3,981.53	1/2	3,595.10	1/2	3,208.65	1/2	2,822.20	1/2	2,435.75	1/2	2,049.31	1/2	1,662.86	1/2	1,276.41	1/2	1,000.22	1/2	712.22	1/2	426.22	1/2	166.22
3/4	5,054.92	3/4	4,711.00	3/4	4,350.64	3/4	3,973.48	3/4	3,587.05	3/4	3,200.60	3/4	2,814.15	3/4	2,427.70	3/4	2,041.26	3/4	1,654.81	3/4	1,268.36	3/4	1,000.22	3/4	711.22	3/4	425.22	3/4	165.22
8	5,047.94	8	4,703.68	8	4,342.97	8	3,965.43	8	3,579.00	8	3,192.55	8	2,806.10	8	2,														



BARGE "CTCo-349 B"
CENAC TOWING COMPANY
OUTAGE TABLE

TANK NO. 2
PORT OR STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 145

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.	
M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N
0	0	5,280.21	0	4,957.45	0	4,605.41	0	4,236.81	0	3,852.08	0	3,464.09	0	3,076.11	0	2,686.12	0	2,300.14	0	1,912.16	0	1,524.17	0	1,136.19	0	748.20	0	360.22	0
1/4	1/4	5,276.37	1/4	4,950.26	1/4	4,597.87	1/4	4,228.82	1/4	3,843.99	1/4	3,456.01	1/4	3,068.03	1/4	2,680.04	1/4	2,292.06	1/4	1,904.07	1/4	1,516.09	1/4	1,128.11	1/4	740.12	1/4	352.14	1/4
1/2	1/2	5,272.53	1/2	4,943.06	1/2	4,590.33	1/2	4,221.04	1/2	3,835.91	1/2	3,447.83	1/2	3,059.84	1/2	2,671.96	1/2	2,283.97	1/2	1,895.99	1/2	1,507.01	1/2	1,120.02	1/2	732.04	1/2	344.05	1/2
3/4	3/4	5,268.70	3/4	4,935.86	3/4	4,582.79	3/4	4,213.15	3/4	3,827.83	3/4	3,439.84	3/4	3,051.86	3/4	2,663.88	3/4	2,275.89	3/4	1,887.91	3/4	1,499.92	3/4	1,111.94	3/4	723.96	3/4	335.97	3/4
1	1	5,263.15	1	4,928.66	1	4,575.25	1	4,205.26	1	3,819.75	1	3,431.76	1	3,043.78	1	2,655.79	1	2,267.81	1	1,879.82	1	1,491.84	1	1,103.86	1	715.87	1	327.89	1
1/4	1/4	5,257.61	1/4	4,921.46	1/4	4,567.70	1/4	4,197.37	1/4	3,811.66	1/4	3,423.68	1/4	3,035.69	1/4	2,647.71	1/4	2,259.73	1/4	1,871.74	1/4	1,483.76	1/4	1,095.77	1/4	707.78	1/4	319.81	1/4
1/2	1/2	5,252.06	1/2	4,914.27	1/2	4,560.16	1/2	4,191.87	1/2	3,803.58	1/2	3,415.59	1/2	3,027.61	1/2	2,639.63	1/2	2,251.64	1/2	1,863.66	1/2	1,475.67	1/2	1,087.69	1/2	699.71	1/2	311.72	1/2
3/4	3/4	5,246.52	3/4	4,907.07	3/4	4,552.62	3/4	4,181.60	3/4	3,795.50	3/4	3,407.51	3/4	3,019.53	3/4	2,631.54	3/4	2,243.56	3/4	1,855.58	3/4	1,467.59	3/4	1,079.61	3/4	691.62	3/4	303.64	3/4
2	2	5,239.27	2	4,899.87	2	4,545.08	2	4,173.71	2	3,787.41	2	3,399.43	2	3,011.44	2	2,623.46	2	2,235.48	2	1,847.49	2	1,459.51	2	1,071.52	2	683.54	2	295.56	2
1/4	1/4	5,232.02	1/4	4,892.67	1/4	4,537.54	1/4	4,165.82	1/4	3,779.33	1/4	3,391.35	1/4	3,003.36	1/4	2,615.38	1/4	2,227.39	1/4	1,839.41	1/4	1,451.43	1/4	1,063.44	1/4	675.46	1/4	287.47	1/4
1/2	1/2	5,224.77	1/2	4,885.47	1/2	4,529.99	1/2	4,157.93	1/2	3,771.25	1/2	3,383.26	1/2	2,995.28	1/2	2,607.29	1/2	2,219.31	1/2	1,831.33	1/2	1,443.34	1/2	1,055.36	1/2	667.37	1/2	279.39	1/2
3/4	3/4	5,217.52	3/4	4,878.28	3/4	4,522.45	3/4	4,150.04	3/4	3,763.16	3/4	3,375.18	3/4	2,989.20	3/4	2,599.21	3/4	2,211.23	3/4	1,823.24	3/4	1,435.26	3/4	1,047.28	3/4	659.29	3/4	271.31	3/4
3	3	5,210.58	3	4,870.99	3	4,514.82	3	4,142.07	3	3,755.08	3	3,367.10	3	2,979.11	3	2,591.13	3	2,203.14	3	1,815.16	3	1,427.18	3	1,039.19	3	651.21	3	263.22	3
1/4	1/4	5,203.64	1/4	4,863.71	1/4	4,507.20	1/4	4,134.10	1/4	3,747.00	1/4	3,359.01	1/4	2,971.03	1/4	2,583.05	1/4	2,195.06	1/4	1,807.08	1/4	1,419.09	1/4	1,031.11	1/4	643.13	1/4	255.14	1/4
1/2	1/2	5,196.70	1/2	4,856.42	1/2	4,499.57	1/2	4,126.12	1/2	3,738.92	1/2	3,350.93	1/2	2,962.95	1/2	2,574.96	1/2	2,186.96	1/2	1,798.99	1/2	1,411.01	1/2	1,023.03	1/2	635.04	1/2	247.06	1/2
3/4	3/4	5,189.76	3/4	4,849.14	3/4	4,491.94	3/4	4,118.15	3/4	3,730.83	3/4	3,342.85	3/4	2,954.86	3/4	2,566.88	3/4	2,178.90	3/4	1,790.91	3/4	1,402.93	3/4	1,014.94	3/4	626.96	3/4	238.98	3/4
4	4	5,182.83	4	4,841.86	4	4,484.31	4	4,110.17	4	3,722.75	4	3,334.76	4	2,946.78	4	2,558.80	4	2,170.81	4	1,782.83	4	1,394.84	4	1,006.86	4	618.88	4	230.89	4
1/4	1/4	5,175.89	1/4	4,834.57	1/4	4,476.68	1/4	4,102.29	1/4	3,714.67	1/4	3,326.68	1/4	2,938.70	1/4	2,550.71	1/4	2,162.73	1/4	1,774.75	1/4	1,386.76	1/4	998.78	1/4	610.79	1/4	222.81	1/4
1/2	1/2	5,168.95	1/2	4,827.28	1/2	4,469.06	1/2	4,094.23	1/2	3,706.58	1/2	3,318.60	1/2	2,930.61	1/2	2,542.63	1/2	2,154.65	1/2	1,766.66	1/2	1,378.68	1/2	990.69	1/2	602.71	1/2	214.73	1/2
3/4	3/4	5,162.01	3/4	4,820.00	3/4	4,461.43	3/4	4,086.25	3/4	3,698.50	3/4	3,310.52	3/4	2,922.53	3/4	2,534.55	3/4	2,146.56	3/4	1,758.58	3/4	1,370.60	3/4	982.61	3/4	594.63	3/4	206.64	3/4
5	5	5,155.07	5	4,812.72	5	4,453.80	5	4,078.28	5	3,690.42	5	3,302.43	5	2,914.45	5	2,526.46	5	2,138.48	5	1,750.50	5	1,362.51	5	974.53	5	586.54	5	198.56	5
1/4	1/4	5,148.14	1/4	4,805.44	1/4	4,446.17	1/4	4,070.30	1/4	3,682.33	1/4	3,294.35	1/4	2,906.37	1/4	2,518.38	1/4	2,130.40	1/4	1,742.41	1/4	1,354.43	1/4	966.45	1/4	578.46	1/4	190.48	1/4
1/2	1/2	5,141.20	1/2	4,798.15	1/2	4,438.54	1/2	4,062.33	1/2	3,674.25	1/2	3,286.27	1/2	2,898.28	1/2	2,510.30	1/2	2,122.31	1/2	1,734.33	1/2	1,346.35	1/2	958.36	1/2	570.38	1/2	182.39	1/2
3/4	3/4	5,134.26	3/4	4,790.87	3/4	4,430.92	3/4	4,054.36	3/4	3,666.17	3/4	3,278.28	3/4	2,890.34	3/4	2,502.22	3/4	2,114.23	3/4	1,726.25	3/4	1,338.26	3/4	950.28	3/4	562.30	3/4	174.31	3/4
6	6	5,127.24	6	4,783.50	6	4,423.20	6	4,046.26	6	3,658.09	6	3,270.10	6	2,882.12	6	2,494.13	6	2,106.15	6	1,718.16	6	1,330.18	6	942.20	6	554.21	6	166.23	6
1/4	1/4	5,120.21	1/4	4,776.13	1/4	4,415.48	1/4	4,038.16	1/4	3,650.00	1/4	3,262.02	1/4	2,874.03	1/4	2,486.05	1/4	2,098.07	1/4	1,710.08	1/4	1,322.10	1/4	934.11	1/4	546.13	1/4	158.15	1/4
1/2	1/2	5,113.19	1/2	4,768.76	1/2	4,407.77	1/2	4,030.06	1/2	3,641.92	1/2	3,253.93	1/2	2,865.95	1/2	2,477.97	1/2	2,089.98	1/2	1,702.00	1/2	1,314.01	1/2	926.03	1/2	538.05	1/2	150.06	1/2
3/4	3/4	5,106.16	3/4	4,761.39	3/4	4,400.05	3/4	4,021.96	3/4	3,633.84	3/4	3,245.85	3/4	2,857.87	3/4	2,469.88	3/4	2,081.90	3/4	1,693.92	3/4	1,305.93	3/4	917.95	3/4	529.96	3/4	141.98	3/4
7	7	5,099.14	7	4,754.02	7	4,392.34	7	4,013.86	7	3,625.75	7	3,237.77	7	2,849.78	7	2,461.80	7	2,073.82	7	1,685.83	7	1,297.85	7	909.86	7	521.88	7	133.90	7
1/4	1/4	5,092.12	1/4	4,746.65	1/4	4,384.62	1/4	4,005.76	1/4	3,617.67	1/4	3,229.69	1/4	2,841.70	1/4	2,453.72	1/4	2,065.73	1/4	1,677.75	1/4	1,289.77	1/4	901.78	1/4	513.80	1/4	125.81	1/4
1/2	1/2	5,085.09	1/2	4,739.28	1/2	4,376.90	1/2	3,997.66	1/2	3,609.59	1/2	3,221.60	1/2	2,833.62	1/2	2,445.63	1/2	2,057.65	1/2	1,669.67	1/2	1,281.68	1/2	893.70	1/2	505.71	1/2	117.73	1/2
3/4	3/4	5,078.07	3/4	4,731.91	3/4	4,369.19	3/4	3,989.56	3/4	3,601.50	3/4	3,213.52	3/4	2,825.54	3/4	2,437.55	3/4	2,049.57	3/4	1,661.58	3/4	1,273.60	3/4	885.62	3/4	497.63	3/4	109.65	3/4
8	8	5,071.04	8	4,724.54	8	4,361.47	8	3,981.46	8	3,593.42	8	3,205.44	8	2,817.45	8	2,429.47	8	2,041.48	8	1,653.50	8	1,265.52	8	877.53	8	489.55	8	101.56	8
1/4	1/4	5,064.02	1/4	4,717.1																									



BARGE "CTCo-349 B"
CENAC TOWING COMPANY
OUTAGE TABLE

TANK NO. 3
PORT OR STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 145

CAPACITIES GIVEN IN BARREL 5 GOR 2 US GALLONS		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	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		0	4,908.46	0	4,661.03	0	4,391.16	0	4,108.55	0	3,813.67	0	3,472.87	0	3,083.88	0	2,694.89	0	2,305.90	0	1,916.90	0	1,527.91	0	1,138.92	0	749.93	0	360.94		
1/4	1/4	1/4	4,905.52	1/4	4,655.51	1/4	4,385.38	1/4	4,102.50	1/4	3,807.46	1/4	3,464.77	1/4	3,075.78	1/4	2,686.78	1/4	2,297.79	1/4	1,908.80	1/4	1,519.81	1/4	1,130.82	1/4	741.82	1/4	352.83		
1/2	1/2	1/2	4,902.58	1/2	4,648.99	1/2	4,379.59	1/2	4,096.45	1/2	3,801.24	1/2	3,458.66	1/2	3,067.67	1/2	2,678.68	1/2	2,289.69	1/2	1,900.70	1/2	1,511.70	1/2	1,122.71	1/2	732.72	1/2	344.73		
3/4	3/4	3/4	4,899.64	3/4	4,644.48	3/4	4,373.81	3/4	4,090.40	3/4	3,795.03	3/4	3,448.56	3/4	3,059.57	3/4	2,670.58	3/4	2,281.59	3/4	1,892.59	3/4	1,503.60	3/4	1,114.61	3/4	723.62	3/4	336.62		
1	1	1	4,895.39	1	4,638.96	1	4,368.03	1	4,084.35	1	3,788.82	1	3,440.46	1	3,051.46	1	2,662.47	1	2,273.48	1	1,884.49	1	1,495.50	1	1,106.50	1	717.51	1	328.52		
1/2	1/2	1/2	4,891.14	1/2	4,633.44	1/2	4,363.24	1/2	4,078.31	1/2	3,782.60	1/2	3,432.55	1/2	3,043.56	1/2	2,654.57	1/2	2,265.58	1/2	1,876.58	1/2	1,487.59	1/2	1,098.60	1/2	709.41	1/2	320.42		
3/4	3/4	3/4	4,886.89	3/4	4,627.93	3/4	4,356.46	3/4	4,072.26	3/4	3,776.39	3/4	3,424.25	3/4	3,035.26	3/4	2,646.26	3/4	2,257.27	3/4	1,868.28	3/4	1,479.29	3/4	1,090.30	3/4	701.30	3/4	312.31		
			4,882.63		4,622.41		4,350.68		4,066.21		3,770.17		3,416.14		3,027.15		2,638.16		2,248.17		1,860.18		1,471.18		1,082.19		693.20		304.21		
2	2	2	4,877.07	2	4,616.89	2	4,344.89	2	4,060.16	2	3,763.96	2	3,408.04	2	3,019.04	2	2,630.05	2	2,241.06	2	1,852.07	2	1,463.08	2	1,074.09	2	685.10	2	286.10		
1/4	1/4	1/4	4,871.51	1/4	4,611.38	1/4	4,339.11	1/4	4,054.11	1/4	3,757.75	1/4	3,399.34	1/4	3,010.34	1/4	2,621.35	1/4	2,232.36	1/4	1,843.37	1/4	1,454.38	1/4	1,065.39	1/4	676.99	1/4	280.00		
1/2	1/2	1/2	4,865.95	1/2	4,605.86	1/2	4,333.33	1/2	4,048.07	1/2	3,751.53	1/2	3,391.83	1/2	3,002.84	1/2	2,613.85	1/2	2,224.86	1/2	1,835.86	1/2	1,446.87	1/2	1,057.88	1/2	668.89	1/2	278.90		
3/4	3/4	3/4	4,860.39	3/4	4,600.34	3/4	4,327.55	3/4	4,042.02	3/4	3,745.32	3/4	3,385.73	3/4	2,996.74	3/4	2,607.74	3/4	2,218.75	3/4	1,829.76	3/4	1,440.77	3/4	1,051.78	3/4	660.78	3/4	271.79		
3	3	3	4,855.08	3	4,594.76	3	4,321.70	3	4,035.90	3	3,739.10	3	3,375.62	3	2,986.63	3	2,597.64	3	2,208.65	3	1,819.66	3	1,430.66	3	1,041.67	3	652.68	3	263.69		
1/4	1/4	1/4	4,849.76	1/4	4,589.17	1/4	4,316.85	1/4	4,029.79	1/4	3,732.69	1/4	3,367.52	1/4	2,978.53	1/4	2,589.54	1/4	2,200.54	1/4	1,811.55	1/4	1,422.55	1/4	1,033.57	1/4	644.58	1/4	255.58		
1/2	1/2	1/2	4,844.44	1/2	4,583.59	1/2	4,310.00	1/2	4,023.67	1/2	3,726.68	1/2	3,359.42	1/2	2,970.42	1/2	2,581.43	1/2	2,192.44	1/2	1,803.45	1/2	1,414.46	1/2	1,025.46	1/2	636.47	1/2	247.48		
3/4	3/4	3/4	4,839.12	3/4	4,578.01	3/4	4,304.15	3/4	4,017.56	3/4	3,720.46	3/4	3,351.31	3/4	2,962.32	3/4	2,573.33	3/4	2,184.34	3/4	1,795.34	3/4	1,406.35	3/4	1,017.36	3/4	628.37	3/4	239.38		
4	4	4	4,833.80	4	4,572.42	4	4,298.30	4	4,011.44	4	3,714.25	4	3,343.21	4	2,954.22	4	2,565.22	4	2,176.23	4	1,787.24	4	1,398.25	4	1,009.26	4	620.26	4	231.27		
1/4	1/4	1/4	4,828.49	1/4	4,566.84	1/4	4,292.45	1/4	4,005.33	1/4	3,708.03	1/4	3,335.10	1/4	2,946.11	1/4	2,557.12	1/4	2,168.13	1/4	1,779.14	1/4	1,390.14	1/4	1,001.15	1/4	612.16	1/4	223.17		
1/2	1/2	1/2	4,823.17	1/2	4,561.25	1/2	4,286.60	1/2	3,999.21	1/2	3,701.76	1/2	3,327.00	1/2	2,938.01	1/2	2,549.02	1/2	2,160.02	1/2	1,771.03	1/2	1,382.04	1/2	993.05	1/2	604.06	1/2	215.06		
3/4	3/4	3/4	4,817.85	3/4	4,555.67	3/4	4,280.75	3/4	3,993.10	3/4	3,695.22	3/4	3,318.90	3/4	2,929.90	3/4	2,540.91	3/4	2,151.92	3/4	1,762.93	3/4	1,373.94	3/4	984.94	3/4	595.95	3/4	198.96		
5	5	5	4,812.53	5	4,550.09	5	4,274.90	5	3,996.98	5	3,698.67	5	3,310.79	5	2,921.80	5	2,532.81	5	2,143.82	5	1,754.82	5	1,365.83	5	976.84	5	587.85	5	186.86		
1/4	1/4	1/4	4,807.21	1/4	4,544.50	1/4	4,269.06	1/4	3,980.87	1/4	3,682.12	1/4	3,292.69	1/4	2,913.70	1/4	2,524.70	1/4	2,135.71	1/4	1,746.72	1/4	1,357.73	1/4	968.74	1/4	579.74	1/4	180.75		
1/2	1/2	1/2	4,801.90	1/2	4,538.92	1/2	4,263.21	1/2	3,974.75	1/2	3,675.57	1/2	3,284.58	1/2	2,905.59	1/2	2,516.60	1/2	2,127.61	1/2	1,738.62	1/2	1,349.62	1/2	960.63	1/2	571.64	1/2	182.65		
3/4	3/4	3/4	4,796.58	3/4	4,533.33	3/4	4,257.36	3/4	3,968.64	3/4	3,668.38	3/4	3,276.48	3/4	2,897.49	3/4	2,508.50	3/4	2,119.50	3/4	1,730.51	3/4	1,341.52	3/4	952.53	3/4	563.54	3/4	174.54		
6	6	6	4,791.19	6	4,527.68	6	4,251.44	6	3,962.46	6	3,661.59	6	3,278.38	6	2,899.38	6	2,510.39	6	2,121.40	6	1,732.41	6	1,343.42	6	944.42	6	555.43	6	166.44		
1/4	1/4	1/4	4,785.81	1/4	4,522.03	1/4	4,245.53	1/4	3,956.27	1/4	3,654.60	1/4	3,270.27	1/4	2,891.28	1/4	2,492.29	1/4	2,103.30	1/4	1,714.30	1/4	1,325.31	1/4	936.32	1/4	547.33	1/4	158.34		
1/2	1/2	1/2	4,780.42	1/2	4,516.38	1/2	4,239.61	1/2	3,950.09	1/2	3,647.60	1/2	3,262.17	1/2	2,883.18	1/2	2,484.18	1/2	2,095.19	1/2	1,706.20	1/2	1,317.21	1/2	928.22	1/2	539.22	1/2	150.23		
3/4	3/4	3/4	4,775.04	3/4	4,510.73	3/4	4,233.70	3/4	3,943.91	3/4	3,640.17	3/4	3,254.06	3/4	2,875.07	3/4	2,486.08	3/4	2,087.09	3/4	1,698.10	3/4	1,309.10	3/4	920.11	3/4	531.12	3/4	142.13		
7	7	7	4,769.65	7	4,505.08	7	4,227.78	7	3,937.73	7	3,632.73	7	3,245.96	7	2,856.97	7	2,467.98	7	2,078.99	7	1,689.99	7	1,301.00	7	912.01	7	523.02	7	134.02		
1/4	1/4	1/4	4,764.27	1/4	4,499.43	1/4	4,221.87	1/4	3,931.55	1/4	3,625.29	1/4	3,237.86	1/4	2,848.86	1/4	2,459.87	1/4	2,070.88	1/4	1,681.89	1/4	1,292.90	1/4	903.90	1/4	514.91	1/4	125.92		
1/2	1/2	1/2	4,758.88	1/2	4,493.78	1/2	4,215.95	1/2	3,925.36	1/2	3,617.86	1/2	3,229.75	1/2	2,840.76	1/2	2,451.77	1/2	2,062.78	1/2	1,673.78	1/2	1,284.79	1/2	895.80	1/2	506.81	1/2	117.82		
3/4	3/4	3/4	4,753.50	3/4	4,488.13	3/4	4,210.04	3/4	3,919.18	3/4	3,609.97	3/4	3,221.65	3/4	2,832.66	3/4	2,443.66	3/4	2,054.67	3/4	1,665.68	3/4	1,276.69	3/4	887.70	3/4	498.70	3/4	109.71		
8	8	8	4,748.11	8	4,482.48	8	4,204.12	8	3,913.00	8	3,602.09	8	3,213.84	8	2,824.55	8	2,435.56	8	2,046.57	8	1,657.58	8	1,268.58	8	879.5						