



INSPECTORATE

BARGE "CTCo-348"

CENAC TOWING COMPANY

HULL NO. 132

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"	(+) 0' - 0 1/8"	(-) 0' - 0 1/8"	(+) 0' - 0 1/4"
1'-0"	(+) 0' - 0 1/4"	(-) 0' - 0 1/4"	(+) 0' - 0 1/2"
1'-6"	(+) 0' - 0 3/8"	(-) 0' - 0 3/8"	(+) 0' - 0 5/8"
2'-0"	(+) 0' - 0 1/2"	(-) 0' - 0 3/8"	(+) 0' - 0 7/8"
2'-6"	(+) 0' - 0 3/4"	(-) 0' - 0 1/2"	(+) 0' - 1 1/8"
3'-0"	(+) 0' - 0 7/8"	(-) 0' - 0 5/8"	(+) 0' - 1 3/8"
3'-6"	(+) 0' - 1"	(-) 0' - 0 3/4"	(+) 0' - 1 1/2"
4'-0"	(+) 0' - 1 1/8"	(-) 0' - 0 7/8"	(+) 0' - 1 3/4"
4'-6"	(+) 0' - 1 1/4"	(-) 0' - 1"	(+) 0' - 2"
5'-0"	(+) 0' - 1 3/8"	(-) 0' - 1 1/8"	(+) 0' - 2 1/4"

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: 1/28/03

BY:

INSPECTORATE AMERICA CORPORATION



BARGE "CTCo-348"
CENAC TOWING COMPANY
INNAGE TABLE

TANK NO. 1
PORT OR STAR

HULL NO. 132

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

CAPACITIES GIVEN IN BARRELS OF 42 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		N		N		N		N		N		N		N		N		N		N		N		N		N		N		N	
0	*	14.79	0	262.35	0	540.66	0	838.16	0	1,154.85	0	1,484.56	0	1,815.32	0	2,146.09	0	2,476.86	0	2,807.63	0	3,138.40	0	3,469.17	0	3,784.46	0	4,091.83	0	4,399.21	
1/4		17.55	1/4	267.97	1/4	546.68	1/4	844.57	1/4	1,161.67	1/4	1,491.45	1/4	1,822.22	1/4	2,152.98	1/4	2,483.75	1/4	2,814.52	1/4	3,145.29	1/4	3,476.06	1/4	3,796.96	1/4	4,098.11	1/4	4,361.03	
1/2		20.31	1/2	273.58	1/2	552.69	1/2	850.99	1/2	1,168.48	1/2	1,498.34	1/2	1,829.11	1/2	2,159.88	1/2	2,490.64	1/2	2,821.41	1/2	3,152.18	1/2	3,479.94	1/2	3,797.47	1/2	4,104.39	1/2	4,361.57	
3/4		24.16	3/4	279.20	3/4	558.71	3/4	857.40	3/4	1,175.30	3/4	1,505.23	3/4	1,836.00	3/4	2,166.77	3/4	2,497.53	3/4	2,828.30	3/4	3,159.07	3/4	3,486.66	3/4	3,803.98	3/4	4,110.66	3/4	4,362.11	
1		28.01	1	284.81	1	564.72	1	863.82	1	1,182.11	1	1,512.12	1	1,842.89	1	2,173.66	1	2,504.42	1	2,835.19	1	3,165.96	1	3,493.38	1	3,810.49	1	4,116.94	1	4,352.66	
1/4		31.86	1/4	290.43	1/4	570.74	1/4	870.23	1/4	1,188.93	1/4	1,519.01	1/4	1,849.78	1/4	2,180.55	1/4	2,511.32	1/4	2,842.08	1/4	3,172.85	1/4	3,500.10	1/4	3,817.00	1/4	4,123.22	1/4	4,358.11	
1/2		35.71	1/2	296.05	1/2	576.75	1/2	876.85	1/2	1,195.74	1/2	1,525.90	1/2	1,856.67	1/2	2,187.44	1/2	2,518.21	1/2	2,849.07	1/2	3,179.74	1/2	3,506.82	1/2	3,823.50	1/2	4,129.50	1/2	4,359.21	
3/4		40.51	3/4	301.66	3/4	582.77	3/4	883.06	3/4	1,195.74	3/4	1,525.90	3/4	1,856.67	3/4	2,187.44	3/4	2,518.21	3/4	2,849.07	3/4	3,179.74	3/4	3,506.82	3/4	3,823.50	3/4	4,129.50	3/4	4,359.21	
2		45.32	2	307.28	2	588.78	2	889.48	2	1,209.37	2	1,539.68	2	1,870.45	2	2,201.22	2	2,532.09	2	2,862.76	2	3,193.52	2	3,520.26	2	3,846.98	2	4,173.22	2	4,403.83	
1/4		50.13	1/4	312.89	1/4	594.80	1/4	895.89	1/4	1,216.19	1/4	1,546.58	1/4	1,877.34	1/4	2,208.11	1/4	2,538.88	1/4	2,869.55	1/4	3,200.42	1/4	3,526.98	1/4	3,849.03	1/4	4,173.22	1/4	4,403.83	
1/2		55.34	1/2	318.51	1/2	600.81	1/2	902.31	1/2	1,223.00	1/2	1,553.47	1/2	1,884.23	1/2	2,215.00	1/2	2,545.77	1/2	2,876.54	1/2	3,207.30	1/2	3,533.85	1/2	3,849.03	1/2	4,173.22	1/2	4,403.83	
3/4		60.56	3/4	324.13	3/4	606.83	3/4	908.72	3/4	1,229.82	3/4	1,560.36	3/4	1,891.13	3/4	2,221.89	3/4	2,552.66	3/4	2,883.43	3/4	3,214.19	3/4	3,540.31	3/4	3,855.91	3/4	4,173.22	3/4	4,403.83	
3		65.77	3	329.74	3	612.84	3	915.14	3	1,236.63	3	1,567.25	3	1,898.02	3	2,228.78	3	2,559.55	3	2,890.32	3	3,221.07	3	3,546.98	3	3,862.36	3	4,173.22	3	4,403.83	
1/4		70.99	1/4	335.36	1/4	618.86	1/4	921.55	1/4	1,243.45	1/4	1,574.14	1/4	1,904.91	1/4	2,235.68	1/4	2,566.44	1/4	2,897.21	1/4	3,227.96	1/4	3,553.64	1/4	3,868.80	1/4	4,173.22	1/4	4,403.83	
1/2		76.21	1/2	340.97	1/2	624.87	1/2	927.97	1/2	1,250.26	1/2	1,581.03	1/2	1,911.80	1/2	2,242.57	1/2	2,573.33	1/2	2,904.10	1/2	3,235.85	1/2	3,561.31	1/2	3,876.57	1/2	4,173.22	1/2	4,403.83	
3/4		81.62	3/4	346.79	3/4	631.08	3/4	934.58	3/4	1,257.15	3/4	1,587.92	3/4	1,918.69	3/4	2,249.46	3/4	2,580.23	3/4	2,910.99	3/4	3,241.73	3/4	3,567.97	3/4	3,881.69	3/4	4,173.22	3/4	4,403.83	
4		87.04	4	352.60	4	637.30	4	941.19	4	1,264.04	4	1,594.81	4	1,925.58	4	2,256.35	4	2,587.12	4	2,917.88	4	3,248.62	4	3,573.64	4	3,888.13	4	4,173.22	4	4,403.83	
1/4		92.45	1/4	358.42	1/4	643.51	1/4	947.81	1/4	1,270.94	1/4	1,601.70	1/4	1,932.47	1/4	2,263.24	1/4	2,594.01	1/4	2,924.78	1/4	3,255.50	1/4	3,580.30	1/4	3,894.57	1/4	4,173.22	1/4	4,403.83	
1/2		97.87	1/2	364.23	1/2	649.73	1/2	954.42	1/2	1,277.83	1/2	1,608.59	1/2	1,939.36	1/2	2,270.13	1/2	2,600.90	1/2	2,931.67	1/2	3,262.39	1/2	3,586.97	1/2	3,901.01	1/2	4,173.22	1/2	4,403.83	
3/4		103.29	3/4	370.04	3/4	655.94	3/4	961.04	3/4	1,284.72	3/4	1,615.48	3/4	1,946.25	3/4	2,277.02	3/4	2,607.79	3/4	2,938.56	3/4	3,269.28	3/4	3,593.63	3/4	3,907.46	3/4	4,173.22	3/4	4,403.83	
5		108.70	5	375.86	5	662.15	5	967.65	5	1,291.61	5	1,622.38	5	1,953.14	5	2,283.91	5	2,614.68	5	2,945.45	5	3,276.16	5	3,600.30	5	3,913.90	5	4,173.22	5	4,403.83	
1/4		114.12	1/4	381.67	1/4	668.37	1/4	974.26	1/4	1,298.50	1/4	1,629.27	1/4	1,960.04	1/4	2,290.80	1/4	2,621.57	1/4	2,952.34	1/4	3,283.00	1/4	3,606.96	1/4	3,920.34	1/4	4,173.22	1/4	4,403.83	
1/2		119.53	1/2	387.49	1/2	674.58	1/2	980.88	1/2	1,305.39	1/2	1,636.16	1/2	1,966.93	1/2	2,297.69	1/2	2,628.46	1/2	2,959.23	1/2	3,289.88	1/2	3,613.57	1/2	3,927.18	1/2	4,173.22	1/2	4,403.83	
3/4		124.95	3/4	393.30	3/4	680.80	3/4	987.49	3/4	1,312.28	3/4	1,643.05	3/4	1,973.82	3/4	2,304.59	3/4	2,635.35	3/4	2,966.12	3/4	3,296.71	3/4	3,620.18	3/4	3,933.12	3/4	4,173.22	3/4	4,403.83	
6		130.37	6	399.11	6	687.01	6	994.11	6	1,319.17	6	1,649.94	6	1,980.71	6	2,311.48	6	2,642.24	6	2,973.01	6	3,303.54	6	3,626.79	6	3,939.51	6	4,173.22	6	4,403.83	
1/4		135.78	1/4	404.93	1/4	693.22	1/4	1,000.72	1/4	1,326.06	1/4	1,656.83	1/4	1,987.60	1/4	2,318.37	1/4	2,649.14	1/4	2,979.90	1/4	3,310.38	1/4	3,633.40	1/4	3,945.90	1/4	4,173.22	1/4	4,403.83	
1/2		141.20	1/2	410.74	1/2	699.44	1/2	1,007.33	1/2	1,332.95	1/2	1,663.72	1/2	1,994.49	1/2	2,325.26	1/2	2,656.03	1/2	2,986.79	1/2	3,317.21	1/2	3,640.01	1/2	3,952.28	1/2	4,173.22	1/2	4,403.83	
3/4		146.61	3/4	416.56	3/4	705.65	3/4	1,013.95	3/4	1,339.85	3/4	1,670.61	3/4	2,001.38	3/4	2,332.15	3/4	2,662.92	3/4	2,993.69	3/4	3,324.04	3/4	3,646.62	3/4	3,958.67	3/4	4,173.22	3/4	4,403.83	
7		152.03	7	422.37	7	711.87	7	1,020.56	7	1,346.74	7	1,677.50	7	2,008.27	7	2,339.04	7	2,669.81	7	3,000.58	7	3,330.87	7	3,653.23	7	3,965.06	7	4,173.22	7	4,403.83	
1/4		157.45	1/4	428.18	1/4	718.08	1/4	1,027.18	1/4	1,353.63	1/4	1,684.40	1/4	2,015.16	1/4	2,345.93	1/4	2,676.70	1/4	3,007.47	1/4	3,337.70	1/4	3,659.84	1/4	3,971.45	1/4	4,173.22	1/4	4,403.83	
1/2		162.86	1/2	434.00	1/2	724.29	1/2	1,033.79	1/2	1,360.52	1/2	1,691.29	1/2	2,022.05	1/2	2,352.82	1/2	2,683.59	1/2	3,014.36	1/2	3,344.54	1/2	3,666.44	1/2	3,977.84	1/2	4,173.22	1/2	4,403.83	
3/4		168.28	3/4	439.81	3/4	730.51	3/4	1,040.40	3/4	1,367.41	3/4	1,698.18	3/4	2,029.95	3/4	2,359.71	3/4	2,690.48	3/4	3,021.25	3/4	3,351.37	3/4	3,673.05	3/4	3,984.22	3/4	4,173.22	3/4	4,403.83	
8		173.69	8	445.63	8	736.72	8	1,047.02	8	1,374.30	8	1,705.07	8	2,035.84	8	2,366.60	8	2,697.37	8	3,028.14	8	3,358.20	8	3,679.66	8	3,990.61	8	4,173.22	8	4,403.83	
1/4		179.11	1/4	451.44	1/4	742.94	1/4	1,053.63	1/4	1,381.19	1/4	1,711.96	1/4	2,042.73	1/4	2,373.50	1/4	2,704.26	1/4	3,035.03	1/4	3,365.03	1/4	3,686.27	1/4	3,997.00	1/4	4,173.22	1/4	4,403.83	
1/2		184.53	1/2	457.25	1/2	749.15	1/2	1,060.25	1/2	1,388.08	1/2	1,718.85	1/2	2,049.62	1/2	2,380.39	1/2	2,711.15	1/2	3,041.92	1/2	3,371.81	1/2	3,692.83	1/2	4,003.33	1/2	4,173.22	1/2	4,403.83	
3/4		189.94	3/4	463.07	3/4	755.36	3/4	1,066.86	3/4	1,394.97	3/4	1,725.74	3/4	2,056.51	3/4	2,387.28	3/4	2,718.05	3/4	3,048.81	3/4	3,378.58	3/4	3,699.38	3/4	4,009.67	3/4	4,173.22	3/4	4,403.83	
9		195.36	9	468.88	9	761.58	9	1,073.47	9	1,401.86	9	1,732.63	9	2,063.40	9	2,394.17	9	2,724.94	9	3,055.70	9	3,385.36	9	3,705.94	9	4,016.00	9	4,173.22	9	4,403.83	



BARGE "CTCo-348"
CENAC TOWING COMPANY
INNAGE TABLE

TANK NO. 2
PORT OR STAR

HULL NO. 132

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

	IN	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.
0	0	22.50	392.53	780.57	1,168.60	1,556.63	1,944.66	2,332.69	2,720.73	3,108.76	3,496.79	3,884.82	4,268.25	4,653.16	5,038.19	5,423.22
1/4	1/4	26.76	400.62	788.65	1,176.68	1,564.71	1,952.75	2,340.78	2,728.81	3,116.84	3,504.87	3,892.91	4,276.05	4,642.61	5,009.17	5,391.82
1/2	1/2	31.02	408.70	796.73	1,184.77	1,572.80	1,960.83	2,348.86	2,736.89	3,124.93	3,512.96	3,900.99	4,283.84	4,650.06	5,016.32	5,399.47
3/4	3/4	36.99	416.79	804.82	1,192.85	1,580.88	1,968.91	2,356.95	2,744.98	3,133.01	3,521.04	3,909.07	4,291.64	4,657.51	5,023.37	5,406.02
1	1	42.95	424.87	812.90	1,200.93	1,588.97	1,977.00	2,365.03	2,753.06	3,141.09	3,529.13	3,917.16	4,299.43	4,664.96	5,032.92	5,418.45
1/4	1/4	48.92	432.95	820.99	1,209.02	1,597.05	1,985.08	2,373.11	2,761.15	3,149.18	3,537.21	3,925.24	4,307.23	4,672.41	5,021.02	5,406.02
1/2	1/2	54.88	441.04	829.07	1,217.10	1,605.13	1,993.17	2,381.20	2,769.23	3,157.26	3,545.29	3,933.33	4,315.02	4,679.86	5,028.12	5,406.02
3/4	3/4	62.34	449.12	837.15	1,225.19	1,613.22	2,001.25	2,389.28	2,777.31	3,165.35	3,553.38	3,941.41	4,323.82	4,687.31	5,035.23	5,406.02
2	2	69.80	457.21	845.24	1,233.27	1,621.30	2,009.33	2,397.37	2,785.40	3,173.43	3,561.46	3,949.49	4,330.61	4,694.76	5,042.33	5,406.02
1/4	1/4	77.26	465.29	853.32	1,241.35	1,629.39	2,017.42	2,405.45	2,793.48	3,181.51	3,569.55	3,957.58	4,338.41	4,702.21	5,049.43	5,406.02
1/2	1/2	85.34	473.37	861.41	1,249.44	1,637.47	2,025.50	2,413.53	2,801.57	3,189.60	3,577.63	3,965.67	4,346.12	4,709.58	5,056.45	5,406.02
3/4	3/4	93.43	481.46	869.49	1,257.52	1,645.55	2,033.59	2,421.62	2,809.65	3,197.68	3,585.71	3,973.76	4,353.83	4,716.94	5,063.47	5,406.02
3	3	101.51	489.54	877.57	1,265.61	1,653.64	2,041.67	2,429.70	2,817.73	3,205.77	3,593.80	3,981.86	4,369.25	4,753.76	5,126.63	5,406.02
1/4	1/4	109.59	497.63	885.66	1,273.69	1,661.72	2,049.75	2,437.79	2,825.82	3,213.85	3,601.88	3,989.95	4,371.67	4,753.76	5,126.63	5,406.02
1/2	1/2	117.68	505.71	893.74	1,281.77	1,669.81	2,057.84	2,445.87	2,833.90	3,221.93	3,609.97	3,998.04	4,376.95	4,753.76	5,126.63	5,406.02
3/4	3/4	125.76	513.79	901.83	1,289.86	1,677.89	2,065.92	2,453.95	2,841.99	3,230.02	3,618.05	3,996.14	4,384.66	4,763.40	5,145.51	5,406.02
4	4	133.85	521.88	909.91	1,297.94	1,685.97	2,074.01	2,462.04	2,850.07	3,238.10	3,626.13	4,014.23	4,392.37	4,753.76	5,126.63	5,406.02
1/4	1/4	141.93	529.96	917.99	1,306.03	1,694.06	2,082.09	2,470.12	2,858.15	3,246.19	3,634.22	4,022.32	4,400.08	4,753.76	5,126.63	5,406.02
1/2	1/2	150.01	538.05	926.08	1,314.11	1,702.14	2,090.17	2,478.21	2,866.24	3,254.27	3,642.30	4,028.33	4,407.79	4,753.76	5,126.63	5,406.02
3/4	3/4	158.10	546.13	934.16	1,322.19	1,710.23	2,098.26	2,486.29	2,874.32	3,262.35	3,650.39	4,038.51	4,415.50	4,753.76	5,126.63	5,406.02
5	5	166.18	554.21	942.25	1,330.28	1,718.31	2,106.34	2,494.37	2,882.41	3,270.44	3,658.47	4,046.60	4,432.21	4,753.76	5,126.63	5,406.02
1/4	1/4	174.27	562.30	950.33	1,338.36	1,726.39	2,114.43	2,502.46	2,890.49	3,278.52	3,666.55	4,054.69	4,430.92	4,753.76	5,126.63	5,406.02
1/2	1/2	182.35	570.38	958.41	1,346.45	1,734.48	2,122.51	2,510.54	2,898.57	3,286.61	3,674.64	4,062.66	4,449.03	4,753.76	5,126.63	5,406.02
3/4	3/4	190.43	578.47	966.50	1,354.53	1,742.56	2,130.59	2,518.63	2,906.66	3,294.69	3,682.72	4,070.63	4,457.03	4,753.76	5,126.63	5,406.02
6	6	198.52	586.55	974.58	1,362.61	1,750.65	2,138.68	2,526.71	2,914.74	3,302.77	3,690.81	4,078.59	4,465.78	4,753.76	5,126.63	5,406.02
1/4	1/4	206.60	594.63	982.67	1,370.70	1,758.73	2,146.76	2,534.79	2,922.83	3,318.86	3,706.97	4,094.53	4,481.99	4,753.76	5,126.63	5,406.02
1/2	1/2	214.69	602.72	990.75	1,378.78	1,766.81	2,154.85	2,542.88	2,930.91	3,318.94	3,706.97	4,094.53	4,481.99	4,753.76	5,126.63	5,406.02
3/4	3/4	222.77	610.80	998.83	1,386.87	1,774.90	2,162.93	2,550.96	2,938.99	3,327.03	3,715.06	4,102.50	4,481.99	4,753.76	5,126.63	5,406.02
7	7	230.85	618.89	1,006.92	1,394.95	1,782.98	2,171.01	2,559.05	2,947.08	3,335.11	3,723.14	4,110.46	4,498.41	4,753.76	5,126.63	5,406.02
1/4	1/4	238.94	626.97	1,015.00	1,403.03	1,791.07	2,179.10	2,567.13	2,955.16	3,343.19	3,731.23	4,118.43	4,506.67	4,753.76	5,126.63	5,406.02
1/2	1/2	247.02	635.05	1,023.09	1,411.12	1,799.15	2,187.18	2,575.21	2,963.25	3,351.28	3,739.31	4,126.40	4,499.52	4,753.76	5,126.63	5,406.02
3/4	3/4	255.11	643.14	1,031.17	1,419.20	1,807.23	2,195.27	2,583.30	2,971.33	3,359.36	3,747.39	4,134.36	4,507.14	4,753.76	5,126.63	5,406.02
8	8	263.19	651.22	1,039.25	1,427.29	1,815.32	2,203.35	2,591.38	2,979.41	3,367.45	3,755.48	4,142.33	4,514.76	4,753.76	5,126.63	5,406.02
1/4	1/4	271.27	659.31	1,047.34	1,435.37	1,823.40	2,211.43	2,599.47	2,987.50	3,375.53	3,763.56	4,150.30	4,522.38	4,753.76	5,126.63	5,406.02
1/2	1/2	279.36	667.39	1,055.42	1,443.45	1,831.49	2,219.52	2,607.55	2,995.58	3,383.61	3,771.65	4,158.18	4,529.92	4,753.76	5,126.63	5,406.02
3/4	3/4	287.44	675.47	1,063.51	1,451.54	1,839.57	2,227.60	2,615.63	3,003.67	3,391.70	3,779.73	4,166.06	4,537.45	4,753.76	5,126.63	5,406.02
9	9	295.53	683.56	1,071.59	1,459.62	1,847.65	2,235.69	2,623.72	3,011.75	3,399.78	3,787.81	4,175.94	4,564.99	4,753.76	5,126.63	5,406.02
1/4	1/4	303.61	691.64	1,079.67	1,467.71	1,855.74	2,243.77	2,631.80	3,019.83	3,407.87	3,795.90	4,181.82	4,564.99	4,753.76	5,126.63	5,406.02
1/2	1/2	311.69	699.73	1,087.76	1,475.79	1,863.82	2,251.85	2,639.89	3,027.92	3,415.95	3,803.98	4,189.70	4,564.99	4,753.76	5,126.63	5,406.02
3/4	3/4	319.78	707.81	1,095.84	1,483.87	1,871.91	2,259.94	2,647.97	3,036.00	3,424.03	3,812.07	4,197.58	4,564.99	4,753.76	5,126.63	5,406.02
10	10	327.86	715.89	1,103.93	1,491.96	1,879.99	2,268.02	2,656.05	3,044.09	3,432.12	3,820.15	4,205.46	4,564.99	4,753.76	5,126.63	5,406.02
1/4	1/4	335.95	723.98	1,112.01	1,499.99	1,887.97	2,276.11	2,664.08	3,052.17	3,440.20	3,828.23	4,213.45	4,564.99	4,753.76	5,126.63	5,406.02
1/2	1/2	344.03	732.06	1,120.09	1,508.13	1,896.16	2,284.19	2,672.22	3,060.25	3,448.29	3,836.32	4,221.23	4,564.99	4,753.76	5,126.63	5,406.02
3/4	3/4	352.11	740.15	1,128.18	1,516.21	1,904.24	2,292.27	2,680.31	3,068.34	3,456.37	3,844.40	4,229.11	4,564.99	4,753.76	5,126.63	5,406.02
11	11	360.20	748.23	1,136.26	1,524.29	1,912.33	2,300.36	2,688.39	3,076.42	3,464.45	3,852.49	4,236.99	4,564.99	4,753.76	5,126.63	5,406.02
1/4	1/4	368.28	756.31	1,144.35	1,532.38	1,920.41	2,308.44	2,696.47	3,084.51	3,472.54	3,860.57	4,244.87	4,564.99	4,753.76	5,126.63	5,406.02
1/2	1/2	376.37	764.40	1,152.43	1,540.46	1,928.49	2,316.53	2,704.56	3,092.59	3,480.62	3,868.65	4,252.66	4,564.99	4,753.76	5,126.63	5,406.02
3/4	3/4	384.45	772.48	1,160.51	1,548.55	1,936.58	2,324.61	2,712.64	3,100.67	3,488.71	3,876.74	4,260.46	4,564.99	4,753.76	5,126.63	5,406.02



BARGE "CTCo-348"
CENAC TOWING COMPANY
INNAGE TABLE

TANK NO. 3
PORT OR STAR

INNAGE TABLE

HULL NO. 132

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

	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.
0	20.90	365.31	726.61	1,087.91	1,449.20	1,810.50	2,171.79	2,533.09	2,894.39	3,255.68	3,616.98	3,978.28	4,339.58	4,700.88	5,062.18
1/4	24.86	372.84	734.14	1,095.43	1,456.73	1,818.03	2,179.32	2,540.62	2,901.91	3,263.21	3,624.51	3,985.81	4,347.11	4,708.41	5,069.71
1/2	28.82	380.37	741.66	1,102.96	1,464.26	1,825.56	2,186.85	2,548.14	2,909.44	3,270.74	3,632.04	3,993.34	4,354.64	4,715.94	5,077.24
3/4	34.36	387.90	749.19	1,110.49	1,471.78	1,833.08	2,194.38	2,555.67	2,916.97	3,278.26	3,639.56	3,999.99	4,361.33	4,722.67	5,084.01
1	39.90	395.42	756.72	1,118.01	1,479.31	1,840.61	2,201.90	2,563.20	2,924.49	3,285.79	3,647.09	3,999.99	4,361.33	4,722.67	5,084.01
1/4	43.44	402.95	761.25	1,123.54	1,486.84	1,848.13	2,207.43	2,568.73	2,929.99	3,291.29	3,652.59	3,999.99	4,361.33	4,722.67	5,084.01
1/2	50.98	410.48	768.75	1,130.07	1,494.36	1,852.66	2,213.95	2,575.25	2,936.50	3,297.80	3,659.10	3,999.99	4,361.33	4,722.67	5,084.01
3/4	57.91	418.00	775.30	1,140.60	1,501.89	1,863.19	2,224.48	2,585.78	2,947.08	3,308.37	3,669.67	3,999.99	4,361.33	4,722.67	5,084.01
2	64.83	425.53	786.83	1,148.12	1,509.42	1,870.71	2,232.01	2,593.31	2,954.60	3,315.90	3,677.20	3,999.99	4,361.33	4,722.67	5,084.01
1/4	71.76	433.06	794.33	1,155.65	1,516.95	1,878.24	2,239.54	2,600.83	2,962.13	3,323.43	3,684.73	3,999.99	4,361.33	4,722.67	5,084.01
1/2	78.29	440.58	801.88	1,163.18	1,524.47	1,885.77	2,247.06	2,608.36	2,969.66	3,330.95	3,692.25	3,999.99	4,361.33	4,722.67	5,084.01
3/4	85.82	448.11	809.41	1,170.70	1,532.00	1,893.30	2,254.59	2,615.89	2,977.18	3,338.26	3,699.56	3,999.99	4,361.33	4,722.67	5,084.01
3	94.34	455.64	816.93	1,178.23	1,539.53	1,900.82	2,262.12	2,623.41	2,984.71	3,345.99	3,707.29	3,999.99	4,361.33	4,722.67	5,084.01
1/4	101.87	463.16	824.46	1,185.76	1,547.05	1,908.35	2,269.65	2,630.94	2,992.24	3,353.53	3,714.83	3,999.99	4,361.33	4,722.67	5,084.01
1/2	109.40	470.69	831.99	1,193.28	1,554.58	1,915.88	2,277.17	2,638.47	2,999.76	3,360.20	3,721.50	3,999.99	4,361.33	4,722.67	5,084.01
3/4	116.92	478.22	839.52	1,200.81	1,562.11	1,924.40	2,284.70	2,646.00	3,007.29	3,367.10	3,728.40	3,999.99	4,361.33	4,722.67	5,084.01
4	124.45	485.75	847.04	1,208.34	1,569.63	1,930.93	2,292.23	2,653.52	3,014.82	3,374.00	3,735.29	3,999.99	4,361.33	4,722.67	5,084.01
1/4	131.98	493.27	854.57	1,215.87	1,577.16	1,938.46	2,299.75	2,661.05	3,022.35	3,383.01	3,744.30	3,999.99	4,361.33	4,722.67	5,084.01
1/2	139.50	500.80	862.10	1,223.39	1,584.69	1,945.98	2,307.28	2,668.88	3,029.87	3,394.30	3,755.59	3,999.99	4,361.33	4,722.67	5,084.01
3/4	147.03	508.33	869.62	1,230.92	1,592.22	1,953.51	2,314.81	2,676.10	3,037.40	3,394.30	3,756.59	3,999.99	4,361.33	4,722.67	5,084.01
5	154.56	515.85	877.15	1,238.45	1,599.74	1,961.04	2,322.33	2,683.63	3,044.93	3,406.22	3,767.51	3,999.99	4,361.33	4,722.67	5,084.01
1/4	162.09	523.38	884.68	1,245.97	1,607.27	1,968.57	2,328.86	2,691.16	3,052.45	3,407.28	3,768.57	3,999.99	4,361.33	4,722.67	5,084.01
1/2	169.72	530.91	892.20	1,253.50	1,614.80	1,976.09	2,335.35	2,697.65	3,059.98	3,413.76	3,775.05	3,999.99	4,361.33	4,722.67	5,084.01
3/4	177.14	538.43	899.73	1,261.03	1,622.32	1,983.62	2,344.92	2,706.21	3,067.51	3,419.84	3,781.13	3,999.99	4,361.33	4,722.67	5,084.01
6	184.67	545.96	907.26	1,268.55	1,629.85	1,991.15	2,352.44	2,713.74	3,075.03	3,425.92	3,793.29	3,999.99	4,361.33	4,722.67	5,084.01
1/4	192.19	553.49	914.79	1,276.08	1,637.38	1,998.67	2,359.97	2,721.27	3,082.56	3,432.00	3,793.29	3,999.99	4,361.33	4,722.67	5,084.01
1/2	199.72	561.02	922.31	1,283.61	1,644.90	2,006.20	2,367.50	2,728.79	3,091.09	3,438.07	3,805.18	3,999.99	4,361.33	4,722.67	5,084.01
3/4	207.25	568.54	929.84	1,291.14	1,652.43	2,013.73	2,375.02	2,736.32	3,097.62	3,443.89	3,814.92	3,999.99	4,361.33	4,722.67	5,084.01
7	214.77	576.07	937.37	1,298.66	1,659.96	2,021.25	2,382.55	2,743.85	3,105.14	3,449.66	3,825.97	3,999.99	4,361.33	4,722.67	5,084.01
1/4	222.30	583.60	944.89	1,306.19	1,667.49	2,028.78	2,390.08	2,751.37	3,112.67	3,455.43	3,832.22	3,999.99	4,361.33	4,722.67	5,084.01
1/2	229.83	591.12	952.42	1,313.72	1,675.01	2,036.31	2,397.60	2,758.90	3,120.20	3,461.19	3,843.75	3,999.99	4,361.33	4,722.67	5,084.01
3/4	237.36	598.65	959.95	1,321.24	1,682.54	2,043.84	2,405.13	2,766.43	3,127.72	3,466.66	3,855.28	3,999.99	4,361.33	4,722.67	5,084.01
8	244.88	606.18	967.47	1,328.77	1,690.07	2,051.36	2,412.66	2,773.95	3,135.25	3,472.73	3,865.75	3,999.99	4,361.33	4,722.67	5,084.01
1/4	252.41	613.71	975.00	1,336.30	1,697.59	2,058.89	2,420.19	2,781.48	3,142.78	3,478.49	3,875.24	3,999.99	4,361.33	4,722.67	5,084.01
1/2	259.94	621.23	982.53	1,343.82	1,705.12	2,066.42	2,427.71	2,789.01	3,150.30	3,484.26	3,884.73	3,999.99	4,361.33	4,722.67	5,084.01
3/4	267.46	628.76	990.06	1,351.35	1,712.65	2,073.84	2,435.24	2,796.54	3,157.83	3,490.03	3,895.20	3,999.99	4,361.33	4,722.67	5,084.01
9	274.99	636.29	997.58	1,358.88	1,720.17	2,081.47	2,442.77	2,804.06	3,165.36	3,495.79	3,905.67	3,999.99	4,361.33	4,722.67	5,084.01
1/4	282.52	643.81	1,005.11	1,366.41	1,727.70	2,089.00	2,450.29	2,811.59	3,172.89	3,501.56	3,914.92	3,999.99	4,361.33	4,722.67	5,084.01
1/2	290.04	651.34	1,012.64	1,373.93	1,735.23	2,098.52	2,457.82	2,819.12	3,180.41	3,507.33	3,927.01	3,999.99	4,361.33	4,722.67	5,084.01
3/4	297.57	658.87	1,020.16	1,381.46	1,742.76	2,104.05	2,465.35	2,826.64	3,187.94	3,513.10	3,937.52	3,999.99	4,361.33	4,722.67	5,084.01
10	305.10	666.39	1,027.69	1,388.99	1,750.28	2,111.58	2,472.87	2,834.17	3,195.47	3,518.86	3,948.10	3,999.99	4,361.33	4,722.67	5,084.01
1/4	312.63	673.92	1,035.22	1,396.51	1,757.81	2,119.11	2,480.40	2,841.70	3,202.99	3,524.63	3,959.33	3,999.99	4,361.33	4,722.67	5,084.01
1/2	320.15	681.45	1,042.74	1,404.04	1,765.34	2,126.63	2,487.93	2,849.22	3,210.52	3,530.40	3,970.06	3,999.99	4,361.33	4,722.67	5,084.01
3/4	327.68	688.98	1,050.27	1,411.57	1,772.86	2,134.16	2,495.46	2,856.75	3,218.05	3,536.16	3,980.98	3,999.99	4,361.33	4,722.67	5,084.01
11	335.21	696.50	1,057.80	1,419.09	1,780.39	2,141.69	2,502.98	2,864.28	3,225.57	3,541.93	3,991.11	3,999.99	4,361.33	4,722.67	5,084.01
1/4	342.73	704.03	1,065.33	1,426.62	1,787.92	2,149.21	2,510.51	2,871.81	3,233.10	3,547.70	3,999.99	4,361.33	4,722.67	5,084.01	5,445.81
1/2	350.26	711.56	1,072.85	1,434.15	1,795.44	2,158.04	2,518.04	2,879.33	3,240.63	3,553.46	3,999.99	4,361.33	4,722.67	5,084.01	5,445.81
3/4	357.79	719.08	1,080.38	1,441.68	1,802.87	2,164.27	2,525.56	2,886.86	3,248.16	3,559.23	3,999.99	4,361.33	4,722.67	5,084.01	5,445.81



BARGE "CTCo-348"
CENAC TOWING COMPANY
OUTAGE TABLE

TANK NO. 1
PORT OR STAR

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

HULL NO. 132

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		N		N		N		N		N		N		N		N		N		N		N		N		N		N	
0		0	4,355.57	0	4,079.27	0	3,771.44	0	3,453.06	0	3,124.61	0	2,793.85	0	2,463.08	0	2,132.31	0	1,801.54	0	1,470.77	0	1,141.22	0	825.33	0	528.63	0	251.12
1/4		1/4	4,353.76	1/4	4,073.00	1/4	3,764.93	1/4	3,446.34	1/4	3,117.72	1/4	2,786.96	1/4	2,456.19	1/4	2,125.42	1/4	1,794.65	1/4	1,463.88	1/4	1,134.41	1/4	818.91	1/4	522.61	1/4	245.50
1/2		1/2	4,350.48	1/2	4,066.66	1/2	3,758.38	1/2	3,439.57	1/2	3,110.83	1/2	2,780.06	1/2	2,449.30	1/2	2,118.63	1/2	1,787.76	1/2	1,456.99	1/2	1,127.59	1/2	812.50	1/2	516.60	1/2	239.89
3/4		3/4	4,347.21	3/4	4,060.33	3/4	3,751.82	3/4	3,432.79	3/4	3,103.94	3/4	2,773.17	3/4	2,442.41	3/4	2,111.64	3/4	1,780.87	3/4	1,450.10	3/4	1,120.78	3/4	806.08	3/4	510.68	3/4	234.27
1		1	4,343.93	1	4,054.00	1	3,745.27	1	3,426.02	1	3,097.05	1	2,766.28	1	2,435.51	1	2,104.75	1	1,773.98	1	1,443.21	1	1,113.96	1	799.67	1	504.67	1	228.65
1/4		1/4	4,340.66	1/4	4,047.66	1/4	3,738.71	1/4	3,419.24	1/4	3,090.16	1/4	2,759.39	1/4	2,428.62	1/4	2,097.85	1/4	1,767.09	1/4	1,436.32	1/4	1,107.15	1/4	793.25	1/4	498.55	1/4	223.04
1/2		1/2	4,335.93	1/2	4,041.33	1/2	3,732.16	1/2	3,412.46	1/2	3,083.27	1/2	2,752.50	1/2	2,421.73	1/2	2,090.96	1/2	1,760.20	1/2	1,429.43	1/2	1,100.33	1/2	786.84	1/2	492.54	1/2	217.42
3/4		3/4	4,331.20	3/4	4,035.00	3/4	3,725.60	3/4	3,405.69	3/4	3,076.38	3/4	2,745.61	3/4	2,414.84	3/4	2,084.07	3/4	1,753.30	3/4	1,422.54	3/4	1,093.52	3/4	780.42	3/4	486.52	3/4	211.81
2		2	4,326.47	2	4,028.66	2	3,719.05	2	3,398.91	2	3,069.49	2	2,738.72	2	2,407.95	2	2,077.18	2	1,746.41	2	1,415.65	2	1,086.70	2	774.01	2	480.51	2	206.19
1/4		1/4	4,321.74	1/4	4,022.33	1/4	3,712.49	1/4	3,392.14	1/4	3,062.60	1/4	2,731.83	1/4	2,401.06	1/4	2,070.29	1/4	1,739.52	1/4	1,408.75	1/4	1,080.09	1/4	767.79	1/4	474.70	1/4	200.77
1/2		1/2	4,315.55	1/2	4,016.00	1/2	3,705.94	1/2	3,385.36	1/2	3,055.70	1/2	2,724.94	1/2	2,394.17	1/2	2,063.40	1/2	1,732.63	1/2	1,401.86	1/2	1,073.47	1/2	761.58	1/2	468.88	1/2	195.36
3/4		3/4	4,309.37	3/4	4,009.67	3/4	3,699.38	3/4	3,378.58	3/4	3,048.81	3/4	2,718.05	3/4	2,387.28	3/4	2,056.51	3/4	1,725.74	3/4	1,394.97	3/4	1,066.86	3/4	755.36	3/4	463.07	3/4	189.94
3		3	4,303.18	3	4,003.33	3	3,692.83	3	3,371.81	3	3,041.92	3	2,711.15	3	2,380.39	3	2,049.62	3	1,718.85	3	1,388.08	3	1,060.25	3	749.15	3	457.25	3	184.53
1/4		1/4	4,297.00	1/4	3,997.00	1/4	3,686.27	1/4	3,365.03	1/4	3,035.03	1/4	2,704.26	1/4	2,373.50	1/4	2,042.73	1/4	1,711.96	1/4	1,381.19	1/4	1,053.63	1/4	742.94	1/4	451.44	1/4	179.11
1/2		1/2	4,290.83	1/2	3,990.61	1/2	3,679.66	1/2	3,358.20	1/2	3,028.14	1/2	2,697.37	1/2	2,366.60	1/2	2,035.84	1/2	1,705.07	1/2	1,374.30	1/2	1,047.02	1/2	736.72	1/2	445.63	1/2	173.69
3/4		3/4	4,284.67	3/4	3,984.22	3/4	3,673.05	3/4	3,351.37	3/4	3,021.25	3/4	2,690.48	3/4	2,359.71	3/4	2,028.94	3/4	1,698.18	3/4	1,367.41	3/4	1,040.40	3/4	730.51	3/4	439.81	3/4	168.28
4		4	4,278.50	4	3,977.84	4	3,666.44	4	3,344.54	4	3,014.36	4	2,683.59	4	2,352.82	4	2,022.05	4	1,691.29	4	1,360.52	4	1,033.79	4	724.29	4	434.00	4	162.86
1/4		1/4	4,272.33	1/4	3,971.45	1/4	3,659.84	1/4	3,337.70	1/4	3,007.47	1/4	2,676.70	1/4	2,345.93	1/4	2,015.16	1/4	1,684.39	1/4	1,353.63	1/4	1,027.18	1/4	718.08	1/4	428.18	1/4	157.45
1/2		1/2	4,266.16	1/2	3,965.06	1/2	3,653.23	1/2	3,330.87	1/2	3,000.58	1/2	2,669.81	1/2	2,339.04	1/2	2,008.27	1/2	1,677.50	1/2	1,346.74	1/2	1,020.56	1/2	711.87	1/2	422.37	1/2	152.03
3/4		3/4	4,260.00	3/4	3,958.67	3/4	3,646.62	3/4	3,324.04	3/4	2,993.69	3/4	2,662.92	3/4	2,332.15	3/4	2,001.38	3/4	1,670.61	3/4	1,339.84	3/4	1,013.95	3/4	705.65	3/4	416.56	3/4	146.61
5		5	4,253.83	5	3,952.28	5	3,640.01	5	3,317.21	5	2,986.79	5	2,656.03	5	2,326.26	5	1,994.49	5	1,663.72	5	1,332.95	5	1,007.33	5	699.44	5	410.74	5	141.20
1/4		1/4	4,247.66	1/4	3,945.90	1/4	3,633.40	1/4	3,310.38	1/4	2,979.90	1/4	2,649.14	1/4	2,318.37	1/4	1,987.60	1/4	1,656.83	1/4	1,326.06	1/4	1,000.72	1/4	693.22	1/4	404.93	1/4	135.78
1/2		1/2	4,241.50	1/2	3,939.51	1/2	3,626.79	1/2	3,303.54	1/2	2,973.01	1/2	2,642.24	1/2	2,311.48	1/2	1,980.71	1/2	1,649.94	1/2	1,319.17	1/2	994.11	1/2	687.01	1/2	399.11	1/2	130.37
3/4		3/4	4,235.33	3/4	3,933.12	3/4	3,620.18	3/4	3,296.71	3/4	2,966.12	3/4	2,635.35	3/4	2,304.59	3/4	1,973.82	3/4	1,643.05	3/4	1,312.28	3/4	987.49	3/4	680.80	3/4	393.30	3/4	124.95
6		6	4,229.16	6	3,926.73	6	3,613.57	6	3,289.88	6	2,959.23	6	2,628.46	6	2,297.69	6	1,966.93	6	1,636.16	6	1,305.39	6	980.88	6	674.58	6	387.49	6	119.53
1/4		1/4	4,222.99	1/4	3,920.34	1/4	3,606.96	1/4	3,283.05	1/4	2,952.34	1/4	2,621.57	1/4	2,290.80	1/4	1,960.03	1/4	1,629.27	1/4	1,298.50	1/4	974.26	1/4	668.37	1/4	381.67	1/4	114.12
1/2		1/2	4,216.77	1/2	3,913.90	1/2	3,600.30	1/2	3,276.16	1/2	2,945.45	1/2	2,614.88	1/2	2,283.91	1/2	1,953.14	1/2	1,622.38	1/2	1,291.61	1/2	967.65	1/2	662.15	1/2	375.86	1/2	108.70
3/4		3/4	4,210.55	3/4	3,907.46	3/4	3,593.63	3/4	3,269.28	3/4	2,938.56	3/4	2,607.79	3/4	2,277.02	3/4	1,946.25	3/4	1,615.48	3/4	1,284.72	3/4	961.04	3/4	655.94	3/4	370.04	3/4	103.29
7		7	4,204.33	7	3,901.01	7	3,586.97	7	3,262.39	7	2,931.67	7	2,600.90	7	2,270.13	7	1,939.36	7	1,608.59	7	1,277.83	7	954.42	7	649.73	7	364.23	7	97.87
1/4		1/4	4,198.11	1/4	3,894.57	1/4	3,580.30	1/4	3,255.50	1/4	2,924.78	1/4	2,594.01	1/4	2,263.24	1/4	1,932.47	1/4	1,601.70	1/4	1,270.93	1/4	947.81	1/4	643.51	1/4	358.42	1/4	92.45
1/2		1/2	4,191.89	1/2	3,888.13	1/2	3,573.64	1/2	3,248.62	1/2	2,917.88	1/2	2,587.12	1/2	2,256.35	1/2	1,925.58	1/2	1,594.81	1/2	1,264.04	1/2	941.19	1/2	637.30	1/2	352.60	1/2	87.04
3/4		3/4	4,185.66	3/4	3,881.68	3/4	3,566.97	3/4	3,241.73	3/4	2,910.99	3/4	2,580.23	3/4	2,249.46	3/4	1,918.69	3/4	1,587.92	3/4	1,257.15	3/4	934.58	3/4	631.08	3/4	346.79	3/4	81.62
8		8	4,179.44	8	3,875.24	8	3,560.31	8	3,234.85	8	2,904.10	8	2,573.33	8	2,242.57	8	1,911.80	8	1,581.03	8	1,250.26	8	927.97	8	624.87	8	340.97	8	76.21
1/4		1/4	4,173.22	1/4	3,868.80	1/4	3,553.64	1/4	3,227.96	1/4	2,897.21	1/4	2,566.44	1/4	2,236.57	1/4	1,904.91	1/4	1,574.										



BARGE "CTCo-348"
CENAC TOWING COMPANY
OUTAGE TABLE

TANK NO. 2
PORT OR STAR

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

HULL NO. 132

		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		N		N		N		N		N		N		N		N		N		N		N		N		N		N		N	
0		0	5,285.43	0	4,971.30	0	4,620.26	0	4,252.67	0	3,868.65	0	3,480.62	0	3,092.59	0	2,704.56	0	2,316.53	0	1,928.49	0	1,540.46	0	1,152.43	0	764.40	0	376.37		
1/4		1/4	5,283.30	1/4	4,964.20	1/4	4,612.81	1/4	4,244.87	1/4	3,860.67	1/4	3,472.54	1/4	3,084.51	1/4	2,696.47	1/4	2,308.44	1/4	1,920.41	1/4	1,532.38	1/4	1,144.35	1/4	756.31	1/4	368.28		
1/2		1/2	5,279.47	1/2	4,957.01	1/2	4,605.28	1/2	4,236.99	1/2	3,852.49	1/2	3,464.45	1/2	3,076.42	1/2	2,688.39	1/2	2,300.36	1/2	1,912.33	1/2	1,524.29	1/2	1,136.26	1/2	748.23	1/2	360.20		
3/4		3/4	5,275.63	3/4	4,949.82	3/4	4,597.74	3/4	4,229.11	3/4	3,844.40	3/4	3,456.37	3/4	3,068.34	3/4	2,680.31	3/4	2,292.27	3/4	1,904.24	3/4	1,516.21	3/4	1,128.18	3/4	740.15	3/4	352.11		
1		1	5,271.80	1	4,942.63	1	4,590.21	1	4,221.23	1	3,836.32	1	3,448.29	1	3,060.25	1	2,672.22	1	2,284.19	1	1,896.16	1	1,508.13	1	1,120.09	1	732.06	1	344.03		
1/4		1/4	5,267.97	1/4	4,935.43	1/4	4,582.67	1/4	4,213.35	1/4	3,828.23	1/4	3,440.20	1/4	3,052.17	1/4	2,664.14	1/4	2,276.11	1/4	1,888.07	1/4	1,500.04	1/4	1,112.01	1/4	723.98	1/4	335.95		
1/2		1/2	5,262.43	1/2	4,928.24	1/2	4,575.13	1/2	4,205.47	1/2	3,820.15	1/2	3,432.12	1/2	3,044.09	1/2	2,656.05	1/2	2,268.02	1/2	1,879.99	1/2	1,491.96	1/2	1,103.93	1/2	715.89	1/2	327.86		
3/4		3/4	5,256.89	3/4	4,921.05	3/4	4,567.60	3/4	4,197.58	3/4	3,812.07	3/4	3,424.03	3/4	3,036.00	3/4	2,647.97	3/4	2,259.94	3/4	1,871.91	3/4	1,483.87	3/4	1,095.84	3/4	707.81	3/4	319.78		
2		2	5,251.35	2	4,913.86	2	4,560.06	2	4,189.70	2	3,803.98	2	3,415.95	2	3,027.92	2	2,639.89	2	2,251.85	2	1,863.82	2	1,475.79	2	1,087.76	2	699.73	2	311.69		
1/4		1/4	5,245.81	1/4	4,906.67	1/4	4,552.53	1/4	4,181.82	1/4	3,795.90	1/4	3,407.87	1/4	3,019.83	1/4	2,631.80	1/4	2,243.77	1/4	1,855.74	1/4	1,467.71	1/4	1,079.67	1/4	691.64	1/4	303.61		
1/2		1/2	5,238.57	1/2	4,899.48	1/2	4,544.99	1/2	4,173.94	1/2	3,787.81	1/2	3,399.78	1/2	3,011.75	1/2	2,623.72	1/2	2,235.69	1/2	1,847.65	1/2	1,459.62	1/2	1,071.59	1/2	683.56	1/2	295.63		
3/4		3/4	5,231.32	3/4	4,892.29	3/4	4,537.45	3/4	4,166.06	3/4	3,779.73	3/4	3,391.70	3/4	3,003.67	3/4	2,615.63	3/4	2,227.60	3/4	1,839.57	3/4	1,451.54	3/4	1,063.51	3/4	675.47	3/4	287.44		
3		3	5,224.08	3	4,885.10	3	4,529.92	3	4,158.18	3	3,771.65	3	3,383.61	3	2,995.58	3	2,607.55	3	2,219.52	3	1,831.49	3	1,443.45	3	1,055.42	3	667.39	3	279.36		
1/4		1/4	5,216.83	1/4	4,877.91	1/4	4,522.38	1/4	4,150.30	1/4	3,763.56	1/4	3,375.53	1/4	2,987.50	1/4	2,599.47	1/4	2,211.43	1/4	1,823.40	1/4	1,435.37	1/4	1,047.34	1/4	659.31	1/4	271.27		
1/2		1/2	5,209.90	1/2	4,870.63	1/2	4,514.76	1/2	4,142.33	1/2	3,755.48	1/2	3,367.45	1/2	2,979.41	1/2	2,591.38	1/2	2,203.35	1/2	1,815.32	1/2	1,427.29	1/2	1,039.25	1/2	651.22	1/2	263.19		
3/4		3/4	5,202.97	3/4	4,863.35	3/4	4,507.14	3/4	4,134.36	3/4	3,747.39	3/4	3,359.36	3/4	2,971.33	3/4	2,583.30	3/4	2,195.27	3/4	1,807.23	3/4	1,419.20	3/4	1,031.17	3/4	643.14	3/4	255.11		
4		4	5,196.04	4	4,856.08	4	4,499.52	4	4,126.40	4	3,739.31	4	3,351.28	4	2,963.25	4	2,575.21	4	2,187.18	4	1,799.15	4	1,411.12	4	1,023.09	4	635.05	4	247.02		
1/4		1/4	5,189.11	1/4	4,848.80	1/4	4,491.89	1/4	4,118.43	1/4	3,731.23	1/4	3,343.19	1/4	2,955.16	1/4	2,567.13	1/4	2,179.10	1/4	1,791.07	1/4	1,403.03	1/4	1,015.00	1/4	626.97	1/4	238.94		
1/2		1/2	5,182.17	1/2	4,841.52	1/2	4,484.27	1/2	4,110.46	1/2	3,723.14	1/2	3,335.11	1/2	2,947.08	1/2	2,559.05	1/2	2,171.01	1/2	1,782.98	1/2	1,394.95	1/2	1,006.92	1/2	618.89	1/2	230.85		
3/4		3/4	5,175.24	3/4	4,834.24	3/4	4,476.65	3/4	4,102.50	3/4	3,715.06	3/4	3,327.03	3/4	2,938.99	3/4	2,550.96	3/4	2,162.93	3/4	1,774.90	3/4	1,386.87	3/4	998.83	3/4	610.80	3/4	222.77		
5		5	5,168.31	5	4,826.97	5	4,469.03	5	4,094.53	5	3,706.97	5	3,318.94	5	2,930.91	5	2,542.88	5	2,154.85	5	1,766.81	5	1,378.78	5	990.75	5	602.72	5	214.69		
1/4		1/4	5,161.38	1/4	4,819.69	1/4	4,461.41	1/4	4,086.56	1/4	3,698.89	1/4	3,310.86	1/4	2,922.83	1/4	2,534.79	1/4	2,146.76	1/4	1,758.73	1/4	1,370.70	1/4	982.67	1/4	594.63	1/4	206.60		
1/2		1/2	5,154.45	1/2	4,812.41	1/2	4,453.78	1/2	4,078.60	1/2	3,690.81	1/2	3,302.77	1/2	2,914.74	1/2	2,526.71	1/2	2,138.68	1/2	1,750.65	1/2	1,362.61	1/2	974.58	1/2	586.55	1/2	198.52		
3/4		3/4	5,147.51	3/4	4,805.14	3/4	4,446.16	3/4	4,070.63	3/4	3,682.72	3/4	3,294.69	3/4	2,906.66	3/4	2,518.63	3/4	2,130.69	3/4	1,742.56	3/4	1,354.53	3/4	966.50	3/4	578.47	3/4	190.43		
6		6	5,140.58	6	4,797.86	6	4,438.54	6	4,062.66	6	3,674.64	6	3,286.61	6	2,898.57	6	2,510.54	6	2,122.51	6	1,734.48	6	1,346.45	6	958.41	6	570.38	6	182.35		
1/4		1/4	5,133.65	1/4	4,790.58	1/4	4,430.92	1/4	4,054.69	1/4	3,666.55	1/4	3,278.52	1/4	2,890.49	1/4	2,502.46	1/4	2,114.43	1/4	1,726.39	1/4	1,338.36	1/4	950.33	1/4	562.30	1/4	174.27		
1/2		1/2	5,126.63	1/2	4,783.22	1/2	4,423.21	1/2	4,046.60	1/2	3,658.47	1/2	3,270.44	1/2	2,882.41	1/2	2,494.37	1/2	2,106.34	1/2	1,718.31	1/2	1,330.28	1/2	942.25	1/2	554.21	1/2	166.18		
3/4		3/4	5,119.61	3/4	4,775.85	3/4	4,415.50	3/4	4,038.51	3/4	3,650.39	3/4	3,262.35	3/4	2,874.32	3/4	2,486.29	3/4	2,098.26	3/4	1,710.23	3/4	1,322.19	3/4	934.16	3/4	546.13	3/4	158.10		
7		7	5,112.60	7	4,768.49	7	4,407.79	7	4,030.42	7	3,642.30	7	3,254.27	7	2,866.24	7	2,478.21	7	2,090.17	7	1,702.14	7	1,314.11	7	926.08	7	538.05	7	150.01		
1/4		1/4	5,105.58	1/4	4,761.13	1/4	4,400.08	1/4	4,022.32	1/4	3,634.22	1/4	3,246.19	1/4	2,858.15	1/4	2,470.12	1/4	2,082.09	1/4	1,694.06	1/4	1,306.03	1/4	917.99	1/4	529.96	1/4	141.93		
1/2		1/2	5,098.56	1/2	4,753.76	1/2	4,392.37	1/2	4,014.23	1/2	3,626.13	1/2	3,238.10	1/2	2,850.07	1/2	2,462.04	1/2	2,074.01	1/2	1,685.97	1/2	1,297.94	1/2	909.91	1/2	521.88	1/2	133.85		
3/4		3/4	5,091.54	3/4	4,746.40	3/4	4,384.66	3/4	4,006.14	3/4	3,618.05	3/4	3,230.02	3/4	2,841.99	3/4	2,453.95	3/4	2,065.92	3/4	1,677.89	3/4	1,289.86	3/4	901.83	3/4	513.79	3/4	125.76		
8		8	5,084.52	8	4,739.03	8	4,376.96	8	3,998.04	8	3,609.97	8	3,221.93	8	2,833.90	8	2,445.87	8	2,057.84	8	1,669.81	8	1,281.77	8	893.74	8	505.71	8	117.68		
1/4		1/4	5,077.51	1/4	4,731.67	1/4	4,369.25	1/4	3,989.95	1/4	3,601.8.																				



BARGE "CTCo-348"
CENAC TOWING COMPANY
OUTAGE TABLE

TANK NO. 3
PORT OR STAR

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

HULL NO. 132

	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.
0	0	4,560.68	4,333.44	4,083.23	3,821.20	3,547.70	3,233.10	2,871.81	2,510.51	2,149.21	1,787.92	1,426.62	1,065.32	704.03	342.73
1/4	1/4	4,557.95	4,328.32	4,077.87	3,815.59	3,541.93	3,225.57	2,864.28	2,502.98	2,141.69	1,780.39	1,419.09	1,057.80	696.50	335.21
1/2	1/2	4,555.22	4,323.20	4,072.50	3,809.98	3,536.16	3,218.05	2,856.75	2,495.45	2,134.16	1,772.86	1,411.57	1,050.27	688.97	327.68
3/4	3/4	4,552.49	4,318.08	4,067.13	3,804.36	3,530.40	3,210.52	2,849.22	2,487.93	2,126.63	1,765.34	1,404.04	1,042.74	681.45	320.15
1	1	4,549.76	4,312.96	4,061.77	3,798.75	3,524.63	3,202.99	2,841.70	2,480.40	2,119.10	1,757.81	1,396.51	1,035.22	673.92	312.62
1/4	1/4	4,545.81	4,307.84	4,056.40	3,793.14	3,518.86	3,195.47	2,834.17	2,472.87	2,111.58	1,750.28	1,388.99	1,027.69	666.39	305.10
1/2	1/2	4,541.87	4,302.72	4,051.03	3,787.52	3,513.10	3,187.94	2,826.64	2,465.35	2,104.05	1,742.75	1,381.46	1,020.16	658.87	297.57
3/4	3/4	4,537.92	4,297.60	4,045.66	3,781.91	3,507.33	3,180.41	2,819.12	2,457.82	2,096.52	1,735.23	1,373.93	1,012.64	651.34	290.04
2	2	4,533.98	4,292.48	4,040.30	3,776.30	3,501.56	3,172.89	2,811.59	2,450.29	2,089.00	1,727.70	1,366.40	1,005.11	643.81	282.52
1/4	1/4	4,528.82	4,287.36	4,034.93	3,770.68	3,495.79	3,165.36	2,804.06	2,442.77	2,081.47	1,720.17	1,358.88	997.58	636.29	274.99
1/2	1/2	4,523.66	4,282.24	4,029.56	3,765.07	3,490.03	3,157.83	2,796.54	2,435.24	2,073.94	1,712.65	1,351.35	990.05	628.76	267.46
3/4	3/4	4,518.50	4,277.12	4,024.20	3,759.46	3,484.26	3,150.30	2,789.01	2,427.71	2,066.42	1,705.12	1,343.82	982.53	621.23	259.94
3	3	4,513.34	4,272.00	4,018.83	3,753.85	3,478.49	3,142.78	2,781.48	2,420.18	2,058.89	1,697.59	1,336.30	975.00	613.70	252.41
1/4	1/4	4,508.40	4,266.82	4,013.40	3,748.17	3,472.73	3,135.25	2,773.95	2,412.66	2,051.36	1,690.07	1,328.77	967.47	606.18	244.88
1/2	1/2	4,503.47	4,261.64	4,007.97	3,742.50	3,466.96	3,127.72	2,766.43	2,405.13	2,043.83	1,682.54	1,321.24	959.95	598.65	237.35
3/4	3/4	4,498.53	4,256.46	4,002.54	3,736.82	3,461.19	3,120.20	2,758.90	2,397.60	2,036.31	1,675.01	1,313.72	952.42	591.12	229.83
4	4	4,493.60	4,251.28	3,997.11	3,731.15	3,455.43	3,112.67	2,751.37	2,390.08	2,028.78	1,667.48	1,306.19	944.89	583.60	222.30
1/4	1/4	4,488.66	4,246.10	3,991.68	3,725.47	3,449.66	3,105.14	2,743.85	2,382.55	2,021.25	1,659.96	1,298.66	937.37	576.07	214.77
1/2	1/2	4,483.73	4,240.91	3,986.26	3,719.80	3,443.89	3,097.62	2,736.32	2,375.02	2,013.73	1,652.43	1,291.13	929.84	568.54	207.25
3/4	3/4	4,478.79	4,235.73	3,980.83	3,714.12	3,438.07	3,090.09	2,728.79	2,367.50	2,006.20	1,644.90	1,283.61	922.31	561.02	199.72
5	5	4,473.86	4,230.55	3,975.40	3,708.45	3,432.00	3,082.56	2,721.27	2,359.97	1,998.67	1,637.38	1,276.08	914.78	553.49	192.19
1/4	1/4	4,468.92	4,225.37	3,969.97	3,702.77	3,425.92	3,076.03	2,713.74	2,352.44	1,991.15	1,629.85	1,268.55	907.26	545.96	184.67
1/2	1/2	4,463.99	4,220.19	3,964.54	3,697.10	3,419.84	3,067.51	2,706.21	2,344.91	1,983.62	1,622.32	1,261.03	899.73	538.43	177.14
3/4	3/4	4,459.05	4,215.00	3,959.11	3,691.42	3,413.76	3,059.98	2,698.68	2,337.39	1,976.09	1,614.80	1,253.50	892.20	530.91	169.61
6	6	4,454.12	4,209.82	3,953.68	3,685.75	3,407.28	3,052.45	2,691.16	2,329.86	1,968.56	1,607.27	1,245.97	884.68	523.38	162.08
1/4	1/4	4,449.12	4,204.58	3,948.19	3,680.01	3,400.79	3,044.93	2,683.63	2,322.33	1,961.04	1,599.74	1,238.45	877.15	515.85	154.66
1/2	1/2	4,444.12	4,199.33	3,942.70	3,674.27	3,394.30	3,037.40	2,676.10	2,314.81	1,953.61	1,592.21	1,230.92	869.62	508.33	147.03
3/4	3/4	4,439.13	4,194.09	3,937.21	3,668.53	3,387.81	3,029.87	2,668.58	2,307.28	1,945.98	1,584.69	1,223.39	862.10	500.80	139.50
7	7	4,434.13	4,188.85	3,931.73	3,662.80	3,380.91	3,022.35	2,661.05	2,299.75	1,938.46	1,577.16	1,215.86	854.57	493.27	131.98
1/4	1/4	4,429.13	4,183.60	3,926.24	3,657.06	3,374.00	3,014.82	2,653.52	2,292.23	1,930.93	1,569.63	1,208.34	847.04	485.75	124.45
1/2	1/2	4,424.14	4,178.36	3,920.75	3,651.32	3,367.10	3,007.29	2,646.00	2,284.70	1,923.40	1,562.11	1,200.81	839.51	478.22	116.92
3/4	3/4	4,419.14	4,173.11	3,915.26	3,645.59	3,360.20	2,999.76	2,638.47	2,277.17	1,915.88	1,554.58	1,193.28	831.99	470.69	109.40
8	8	4,414.14	4,167.87	3,909.77	3,639.85	3,352.89	2,992.24	2,630.94	2,269.64	1,908.35	1,547.05	1,185.76	824.46	463.16	101.87
1/4	1/4	4,409.14	4,162.63	3,904.28	3,634.11	3,345.58	2,984.71	2,623.41	2,262.12	1,900.82	1,539.53	1,178.23	816.93	455.64	94.34
1/2	1/2	4,404.15	4,157.38	3,898.79	3,628.27	3,338.26	2,977.18	2,615.89	2,254.59	1,893.29	1,532.00	1,170.70	809.41	448.11	86.81
3/4	3/4	4,399.15	4,152.14	3,893.30	3,622.64	3,330.95	2,969.66	2,608.36	2,247.06	1,885.77	1,524.47	1,163.18	801.88	440.58	79.29
9	9	4,394.15	4,146.89	3,887.81	3,616.90	3,323.43	2,962.13	2,600.83	2,239.54	1,878.24	1,516.94	1,155.65	794.35	433.06	71.76
1/4	1/4	4,389.09	4,141.59	3,882.26	3,611.13	3,316.90	2,954.60	2,593.31	2,232.01	1,870.71	1,509.42	1,148.12	786.83	425.53	64.83
1/2	1/2	4,384.04	4,136.28	3,876.71	3,605.37	3,308.37	2,947.08	2,585.78	2,224.48	1,863.19	1,501.89	1,140.69	779.30	418.00	57.91
3/4	3/4	4,378.98	4,130.98	3,871.16	3,599.60	3,300.84	2,939.55	2,578.25	2,216.96	1,855.66	1,494.36	1,133.07	771.77	410.48	50.98
10	10	4,373.92	4,125.67	3,865.61	3,593.83	3,293.32	2,932.02	2,570.72	2,209.43	1,848.13	1,486.84	1,125.54	764.24	402.95	45.44
1/4	1/4	4,368.86	4,120.37	3,860.06	3,588.07	3,285.79	2,924.49	2,563.20	2,201.90	1,840.61	1,479.31	1,118.01	756.72	395.42	39.90
1/2	1/2	4,363.80	4,115.06	3,854.51	3,582.30	3,278.26	2,916.97	2,555.67	2,194.37	1,833.08	1,471.78	1,110.49	749.19	387.89	34.36
3/4	3/4	4,358.74	4,109.76	3,848.96	3,576.53	3,270.74	2,909.44	2,548.14	2,186.85	1,825.55	1,464.26	1,102.96	741.66	380.37	28.82
11	11	4,353.68	4,104.45	3,843.41	3,570.77	3,263.21	2,901.91	2,540.62	2,179.32	1,818.02	1,456.73	1,095.43	734.14	372.84	24.86
1/4	1/4	4,348.62	4,099.15	3,837.85	3,565.00	3,255.68	2,894.39	2,533.09	2,171.79	1,810.50	1,449.20	1,087.91	726.61	365.31	20.90
1/2	1/2	4,343.56	4,093.84	3,832.30	3,559.23	3,248.16	2,886.86	2,525.56	2,164.27	1,802.97	1,441.67	1,080.38	719.08	357.79	17.92
3/4	3/4	4,338.50	4,088.54	3,826.75	3,553.46	3,240.63	2,879.33	2,518.04	2,156.74	1,795.44	1,434.15	1,072.85	711.56	350.26	14.94