



CENAC TOWING COMPANY

BY: [Signature]
INSPECTORATE AMERICA CORPORATION



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTC 313"

CENAC TONING COMPANY

INNAGE TABLE

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

HULL NO. 4163

SHEET NO. 1 OF 2

TANK NUMBER
1 PORT

IN	0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	FEET
0	12.44	359.46	726.56	1,093.66	1,460.77	1,827.87	2,194.98	2,562.08	
1/4	15.30	367.10	734.21	1,101.31	1,468.42	1,835.52	2,202.62	2,569.73	
1/2	20.08	374.75	741.86	1,108.96	1,476.06	1,843.17	2,210.27	2,577.38	
3/4	24.86	382.40	749.50	1,116.61	1,483.71	1,850.82	2,217.92	2,585.02	
1	29.64	390.05	757.15	1,124.26	1,491.36	1,858.46	2,225.57	2,592.67	
1 1/4	34.42	397.70	764.80	1,131.90	1,499.01	1,866.11	2,233.22	2,600.32	
1 1/2	41.11	405.34	772.45	1,139.55	1,506.66	1,873.76	2,240.86	2,607.97	
1 3/4	47.80	412.99	780.10	1,147.20	1,514.30	1,881.41	2,248.51	2,615.62	
2	54.49	420.64	787.74	1,154.85	1,521.95	1,889.06	2,256.16	2,623.26	
2 1/4	61.18	428.29	795.39	1,162.50	1,529.60	1,896.70	2,263.81	2,630.91	
2 1/2	68.83	435.94	803.04	1,170.14	1,537.25	1,904.35	2,271.46	2,638.56	
2 3/4	76.48	443.58	810.69	1,177.79	1,544.90	1,912.00	2,279.10	2,646.21	
3	84.13	451.23	818.34	1,185.44	1,552.54	1,919.65	2,286.75	2,653.86	
3 1/4	91.78	458.88	825.99	1,193.09	1,560.19	1,927.30	2,294.40	2,661.50	
3 1/2	99.42	466.53	833.63	1,200.74	1,567.84	1,934.94	2,302.05	2,669.15	
3 3/4	107.07	474.18	841.28	1,208.38	1,575.49	1,942.59	2,309.70	2,676.80	
4	114.72	481.82	848.93	1,216.03	1,583.14	1,950.24	2,317.34	2,684.45	
4 1/4	122.37	489.47	856.58	1,223.68	1,590.78	1,957.89	2,324.99	2,692.10	
4 1/2	130.02	497.12	864.22	1,231.33	1,598.43	1,965.54	2,332.64	2,699.74	
4 3/4	137.66	504.77	871.87	1,238.98	1,606.08	1,973.18	2,340.29	2,707.39	
5	145.31	512.42	879.52	1,246.62	1,613.73	1,980.83	2,347.94	2,715.04	
5 1/4	152.96	520.06	887.17	1,254.27	1,621.38	1,988.48	2,355.58	2,722.69	
5 1/2	160.61	527.71	894.82	1,261.92	1,629.02	1,996.13	2,363.23	2,730.34	
5 3/4	168.26	535.36	902.46	1,269.57	1,636.67	2,003.78	2,370.88	2,737.98	
6	175.90	543.01	910.11	1,277.22	1,644.32	2,011.42	2,378.53	2,745.63	
6 1/4	183.55	550.66	917.76	1,284.86	1,651.97	2,019.07	2,386.18	2,753.28	
6 1/2	191.20	558.30	925.41	1,292.51	1,659.62	2,026.72	2,393.82	2,760.93	
6 3/4	198.85	565.95	933.06	1,300.16	1,667.26	2,034.37	2,401.47	2,768.58	
7	206.50	573.60	940.70	1,307.81	1,674.91	2,042.02	2,409.12	2,776.22	
7 1/4	214.14	581.25	948.35	1,315.46	1,682.56	2,049.66	2,416.77	2,783.87	
7 1/2	221.79	588.90	956.00	1,323.10	1,690.21	2,057.31	2,424.42	2,791.52	
7 3/4	229.44	596.54	963.65	1,330.75	1,697.86	2,064.96	2,432.06	2,799.17	
8	237.09	604.19	971.30	1,338.40	1,705.50	2,072.61	2,439.71	2,806.82	
8 1/4	244.74	611.84	978.94	1,346.05	1,713.15	2,080.26	2,447.36	2,814.46	
8 1/2	252.38	619.49	986.59	1,353.70	1,720.80	2,087.90	2,455.01	2,822.11	
8 3/4	260.03	627.14	994.24	1,361.34	1,728.45	2,095.55	2,462.66	2,829.76	
9	267.68	634.78	1,001.89	1,368.99	1,736.10	2,103.20	2,470.30	2,837.41	
9 1/4	275.33	642.43	1,009.54	1,376.64	1,743.74	2,110.85	2,477.95	2,845.06	
9 1/2	282.98	650.08	1,017.18	1,384.29	1,751.39	2,118.50	2,485.60	2,852.70	
9 3/4	290.62	657.73	1,024.83	1,391.94	1,759.04	2,126.14	2,493.25	2,860.35	
10	298.27	665.38	1,032.48	1,399.58	1,766.69	2,133.79	2,500.90	2,868.00	
10 1/4	305.92	673.02	1,040.13	1,407.23	1,774.34	2,141.44	2,508.54	2,875.65	
10 1/2	313.57	680.67	1,047.78	1,414.88	1,781.99	2,149.09	2,516.19	2,883.30	
10 3/4	321.22	688.32	1,055.42	1,422.53	1,789.63	2,156.74	2,523.84	2,890.94	
11	328.86	695.97	1,063.07	1,430.18	1,797.28	2,164.38	2,531.49	2,898.59	
11 1/4	336.51	703.62	1,070.72	1,437.82	1,804.93	2,172.03	2,539.14	2,906.24	
11 1/2	344.16	711.27	1,078.37	1,445.47	1,812.58	2,179.68	2,546.78	2,913.89	
11 3/4	351.81	718.92	1,086.02	1,453.12	1,820.22	2,187.33	2,554.43	2,921.54	

CAPACITY IN 42-GALLON BARRELS

REFERENCE PORT GAUGE HEIGHT:

14'-6" (FROM OF 2" DIAMETER SOUNDING
PIPE LOCATED NEAR GEOMETRICAL CENTER
OF TANK.)WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN
ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE
TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

INSPECTORATE
ISO 9002 ACCREDITED

BAHGE "CICo 313" CEAC TONING COMPANY INNAE TABLE

TANK NUMBER:
1 PORT

DARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAGES ARE TAKEN

HULL NO. 4163 SHELL NO. 2 OF 2

8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		FEET		FEET	
IN.	FR.	IN.	FR.	IN.	FR.	IN.	FR.	IN.	FR.	IN.	FR.	IN.	FR.	IN.	FR.	IN.	FR.
0	2,929.18	0	3,296.29	0	3,663.39	0	4,030.50	0	4,397.60	0	4,764.71	0	5,018.04	0	5,385.15	0	5,752.26
1/4	2,936.83	1/4	3,303.94	1/4	3,671.04	1/4	4,038.14	1/4	4,405.25	1/4	4,772.36	1/4	5,018.27	1/4	5,385.38	1/4	5,752.49
1/2	2,944.48	1/2	3,311.58	1/2	3,678.68	1/2	4,045.79	1/2	4,412.90	1/2	4,779.38	1/2	5,018.51	1/2	5,385.59	1/2	5,752.70
3/4	2,952.13	3/4	3,319.23	3/4	3,686.33	3/4	4,053.44	3/4	4,420.54	3/4	4,787.00	3/4	5,018.75	3/4	5,385.84	3/4	5,752.95
1	2,959.78	1	3,326.88	1	3,693.98	1	4,061.09	1	4,428.19	1	4,794.62	1	5,026.30	1	5,393.39	1	5,760.50
1 1/4	2,967.42	1 1/4	3,334.53	1 1/4	3,701.63	1 1/4	4,068.74	1 1/4	4,435.84	1 1/4	4,802.24	1 1/4	5,033.85	1 1/4	5,400.96	1 1/4	5,768.06
1 1/2	2,975.07	1 1/2	3,342.18	1 1/2	3,709.28	1 1/2	4,076.39	1 1/2	4,443.49	1 1/2	4,809.86	1 1/2	5,041.40	1 1/2	5,408.57	1 1/2	5,775.61
1 3/4	2,982.72	1 3/4	3,349.82	1 3/4	3,716.93	1 3/4	4,084.03	1 3/4	4,451.14	1 3/4	4,817.48	1 3/4	5,049.01	1 3/4	5,416.18	1 3/4	5,783.16
2	2,990.37	2	3,357.47	2	3,724.58	2	4,091.68	2	4,458.78	2	4,825.11	2	5,056.56	2	5,423.73	2	5,790.73
2 1/4	2,998.02	2 1/4	3,365.12	2 1/4	3,732.22	2 1/4	4,099.33	2 1/4	4,466.43	2 1/4	4,832.73	2 1/4	5,064.11	2 1/4	5,431.33	2 1/4	5,798.33
2 1/2	3,005.66	2 1/2	3,372.77	2 1/2	3,739.87	2 1/2	4,106.98	2 1/2	4,474.08	2 1/2	4,840.35	2 1/2	5,071.66	2 1/2	5,438.94	2 1/2	5,805.94
2 3/4	3,013.31	2 3/4	3,380.42	2 3/4	3,747.52	2 3/4	4,114.62	2 3/4	4,481.73	2 3/4	4,847.97	2 3/4	5,079.21	2 3/4	5,446.54	2 3/4	5,813.54
3	3,020.96	3	3,388.06	3	3,755.17	3	4,122.27	3	4,489.38	3	4,855.59	3	5,086.76	3	5,454.15	3	5,821.15
3 1/4	3,028.61	3 1/4	3,395.71	3 1/4	3,762.82	3 1/4	4,129.92	3 1/4	4,497.02	3 1/4	4,863.21	3 1/4	5,094.30	3 1/4	5,461.75	3 1/4	5,828.75
3 1/2	3,036.26	3 1/2	3,403.36	3 1/2	3,770.46	3 1/2	4,137.57	3 1/2	4,504.67	3 1/2	4,870.83	3 1/2	5,101.89	3 1/2	5,469.39	3 1/2	5,836.39
3 3/4	3,043.90	3 3/4	3,411.01	3 3/4	3,778.11	3 3/4	4,145.22	3 3/4	4,512.32	3 3/4	4,878.45	3 3/4	5,109.44	3 3/4	5,477.04	3 3/4	5,843.94
4	3,051.55	4	3,418.66	4	3,785.76	4	4,152.86	4	4,519.97	4	4,886.07	4	5,117.00	4	5,484.64	4	5,851.64
4 1/4	3,059.20	4 1/4	3,426.30	4 1/4	3,793.41	4 1/4	4,160.51	4 1/4	4,527.62	4 1/4	4,893.26	4 1/4	5,124.59	4 1/4	5,492.29	4 1/4	5,859.29
4 1/2	3,066.85	4 1/2	3,433.95	4 1/2	3,801.06	4 1/2	4,168.16	4 1/2	4,535.26	4 1/2	4,900.44	4 1/2	5,132.14	4 1/2	5,500.00	4 1/2	5,866.86
4 3/4	3,074.50	4 3/4	3,441.60	4 3/4	3,808.70	4 3/4	4,175.81	4 3/4	4,542.91	4 3/4	4,907.63	4 3/4	5,139.69	4 3/4	5,507.59	4 3/4	5,874.41
5	3,082.14	5	3,449.25	5	3,816.35	5	4,183.46	5	4,550.56	5	4,914.81	5	5,147.24	5	5,515.14	5	5,882.04
5 1/4	3,089.79	5 1/4	3,456.90	5 1/4	3,824.00	5 1/4	4,191.10	5 1/4	4,558.21	5 1/4	4,921.12	5 1/4	5,154.79	5 1/4	5,522.79	5 1/4	5,889.69
5 1/2	3,097.44	5 1/2	3,464.54	5 1/2	3,831.65	5 1/2	4,198.75	5 1/2	4,565.86	5 1/2	4,928.74	5 1/2	5,162.34	5 1/2	5,530.34	5 1/2	5,897.24
5 3/4	3,105.09	5 3/4	3,472.19	5 3/4	3,839.30	5 3/4	4,206.40	5 3/4	4,573.50	5 3/4	4,935.74	5 3/4	5,169.89	5 3/4	5,537.89	5 3/4	5,904.89
6	3,112.74	6	3,479.84	6	3,846.94	6	4,214.05	6	4,581.15	6	4,943.05	6	5,177.44	6	5,545.44	6	5,912.44
6 1/4	3,120.38	6 1/4	3,487.49	6 1/4	3,854.59	6 1/4	4,221.70	6 1/4	4,588.80	6 1/4	4,950.70	6 1/4	5,185.09	6 1/4	5,553.09	6 1/4	5,920.09
6 1/2	3,128.03	6 1/2	3,495.14	6 1/2	3,862.24	6 1/2	4,229.34	6 1/2	4,596.45	6 1/2	4,958.34	6 1/2	5,192.64	6 1/2	5,560.64	6 1/2	5,927.64
6 3/4	3,135.68	6 3/4	3,502.78	6 3/4	3,869.89	6 3/4	4,236.99	6 3/4	4,604.10	6 3/4	4,965.99	6 3/4	5,200.24	6 3/4	5,568.24	6 3/4	5,935.24
7	3,143.33	7	3,510.43	7	3,877.54	7	4,244.64	7	4,611.72	7	4,973.72	7	5,207.84	7	5,575.84	7	5,942.84
7 1/4	3,150.98	7 1/4	3,518.08	7 1/4	3,885.18	7 1/4	4,252.29	7 1/4	4,619.34	7 1/4	4,981.34	7 1/4	5,215.39	7 1/4	5,583.39	7 1/4	5,950.39
7 1/2	3,158.62	7 1/2	3,525.73	7 1/2	3,892.83	7 1/2	4,259.94	7 1/2	4,626.96	7 1/2	4,989.96	7 1/2	5,222.94	7 1/2	5,590.94	7 1/2	5,957.94
7 3/4	3,166.27	7 3/4	3,533.38	7 3/4	3,900.48	7 3/4	4,267.58	7 3/4	4,634.58	7 3/4	4,997.58	7 3/4	5,230.49	7 3/4	5,598.49	7 3/4	5,965.49
8	3,173.92	8	3,541.02	8	3,908.13	8	4,275.23	8	4,642.20	8	4,985.13	8	5,238.04	8	5,606.04	8	5,973.04
8 1/4	3,181.57	8 1/4	3,548.67	8 1/4	3,915.78	8 1/4	4,282.88	8 1/4	4,649.82	8 1/4	4,992.73	8 1/4	5,245.64	8 1/4	5,613.64	8 1/4	5,980.64
8 1/2	3,189.22	8 1/2	3,556.32	8 1/2	3,923.42	8 1/2	4,290.53	8 1/2	4,657.44	8 1/2	4,999.34	8 1/2	5,253.24	8 1/2	5,621.24	8 1/2	5,988.24
8 3/4	3,196.86	8 3/4	3,563.97	8 3/4	3,931.07	8 3/4	4,298.18	8 3/4	4,665.06	8 3/4	5,006.99	8 3/4	5,260.84	8 3/4	5,628.84	8 3/4	5,995.84
9	3,204.51	9	3,571.62	9	3,938.72	9	4,305.82	9	4,672.69	9	5,014.63	9	5,268.44	9	5,636.44	9	6,003.44
9 1/4	3,212.16	9 1/4	3,579.26	9 1/4	3,946.37	9 1/4	4,313.47	9 1/4	4,680.31	9 1/4	5,022.27	9 1/4	5,276.04	9 1/4	5,644.04	9 1/4	6,011.04
9 1/2	3,219.81	9 1/2	3,586.91	9 1/2	3,954.02	9 1/2	4,321.12	9 1/2	4,687.93	9 1/2	5,029.91	9 1/2	5,283.69	9 1/2	5,651.69	9 1/2	6,018.69
9 3/4	3,227.46	9 3/4	3,594.56	9 3/4	3,961.66	9 3/4	4,328.77	9 3/4	4,695.55	9 3/4	5,037.55	9 3/4	5,291.24	9 3/4	5,659.24	9 3/4	6,026.24
10	3,235.10	10	3,602.21	10	3,969.31	10	4,336.42	10	4,703.17	10	5,045.20	10	5,300.00	10	5,666.80	10	6,034.00
10 1/4	3,242.75	10 1/4	3,609.86	10 1/4	3,976.96	10 1/4	4,344.06	10 1/4	4,710.79	10 1/4	5,052.84	10 1/4	5,307.64	10 1/4	5,674.44	10 1/4	6,041.64
10 1/2	3,250.40	10 1/2	3,617.50	10 1/2	3,984.61	10 1/2	4,351.71	10 1/2	4,718.41	10 1/2	5,060.48	10 1/2	5,315.24	10 1/2	5,682.04	10 1/2	6,049.24
10 3/4	3,258.05	10 3/4	3,625.15	10 3/4	3,992.26	10 3/4	4,359.36	10 3/4	4,726.03	10 3/4	5,068.11	10 3/4	5,322.89	10 3/4	5,689.69	10 3/4	6,056.89
11	3,265.70	11	3,632.80	11	3,999.90	11	4,367.01	11	4,733.65	11	5,075.74	11	5,330.54	11	5,697.34	11	6,064.54
11 1/4	3,273.34	11 1/4	3,640.45	11 1/4	4,007.55	11 1/4	4,374.66	11 1/4	4,741.27	11 1/4	5,083.38	11 1/4	5,338.18	11 1/4	5,704.98	11 1/4	6,072.18
11 1/2	3,281.00	11 1/2	3,648.10	11 1/2	4,015.20	11 1/2	4,382.30	11 1/2	4,748.90	11 1/2	5,091.01	11 1/2	5,345.81	11 1/2	5,712.61	11 1/2	6,079.81
11 3/4	3,288.64	11 3/4	3,655.74	11 3/4	4,022.85	11 3/4	4,389.95	11 3/4	4,756.52	11 3/4	5,100.00	11 3/4	5,353.46	11 3/4	5,720.26	11 3/4	6,087.46

CAPACITY IN 42-INCH BARRELS
REFERENCE PORT GAUGE HEIGHT: 14'-6" (RIM OF 2" DIAMETER SOUNDING PIPE LOCATED NEAR GEOMETRICAL CENTER OF TANK.)
STROPPED 9/17/95
INSPECTORATE AMERICA CORPORATION

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "CTC 313"

CERAC TOWING COMPANY
INNAGE TABLE

TANK NUMBER:
1 STAR.

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

HULL NO. 4163

SHEET NO. 1 OF 2

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	9.57	351.81	718.91	1,086.02	1,453.12	1,820.22	2,187.33	2,554.43
1/4	12.44	359.46	726.56	1,093.66	1,460.77	1,827.87	2,194.98	2,562.08
1/2	15.30	367.10	734.21	1,101.31	1,468.42	1,835.52	2,202.62	2,569.73
3/4	20.08	374.75	741.86	1,108.96	1,476.06	1,843.17	2,210.27	2,577.38
1	24.86	382.40	749.50	1,116.61	1,483.71	1,850.82	2,217.92	2,585.02
1 1/4	29.64	390.05	757.15	1,124.26	1,491.36	1,858.46	2,225.57	2,592.67
1 1/2	34.42	397.70	764.80	1,131.90	1,499.01	1,866.11	2,233.22	2,600.32
1 3/4	41.11	405.34	772.45	1,139.55	1,506.66	1,873.76	2,240.86	2,607.97
2	47.80	412.99	780.10	1,147.20	1,514.30	1,881.41	2,248.51	2,615.62
2 1/4	54.49	420.64	787.74	1,154.85	1,521.95	1,889.06	2,256.16	2,623.26
2 1/2	61.18	428.29	795.39	1,162.50	1,529.60	1,896.70	2,263.81	2,630.91
2 3/4	68.83	435.94	803.04	1,170.14	1,537.25	1,904.35	2,271.46	2,638.55
3	76.48	443.58	810.69	1,177.79	1,544.90	1,912.00	2,279.10	2,646.21
3 1/4	84.13	451.23	818.34	1,185.44	1,552.54	1,919.65	2,286.75	2,653.86
3 1/2	91.78	458.88	825.98	1,193.09	1,560.19	1,927.30	2,294.40	2,661.50
3 3/4	99.42	466.53	833.63	1,200.74	1,567.84	1,934.94	2,302.05	2,669.15
4	107.07	474.18	841.28	1,208.38	1,575.49	1,942.59	2,309.70	2,676.80
4 1/4	114.72	481.82	848.93	1,216.03	1,583.14	1,950.24	2,317.34	2,684.45
4 1/2	122.37	489.47	856.58	1,223.68	1,590.78	1,957.89	2,324.99	2,692.10
4 3/4	130.02	497.12	864.22	1,231.33	1,598.43	1,965.54	2,332.64	2,699.74
5	137.66	504.77	871.87	1,238.98	1,606.08	1,973.18	2,340.29	2,707.39
5 1/4	145.31	512.42	879.52	1,246.62	1,613.73	1,980.83	2,347.94	2,715.04
5 1/2	152.96	520.06	887.17	1,254.27	1,621.38	1,988.48	2,355.58	2,722.69
5 3/4	160.61	527.71	894.82	1,261.92	1,629.02	1,996.13	2,363.23	2,730.34
6	168.26	535.36	902.46	1,269.57	1,636.67	2,003.78	2,370.88	2,737.98
6 1/4	175.90	543.01	910.11	1,277.22	1,644.32	2,011.42	2,378.53	2,745.63
6 1/2	183.55	550.66	917.76	1,284.86	1,651.97	2,019.07	2,386.18	2,753.28
6 3/4	191.20	558.30	925.41	1,292.51	1,659.62	2,026.72	2,393.82	2,760.93
7	198.85	565.95	933.06	1,300.16	1,667.26	2,034.37	2,401.47	2,768.58
7 1/4	206.50	573.60	940.70	1,307.81	1,674.91	2,042.02	2,409.12	2,776.22
7 1/2	214.14	581.25	948.35	1,315.46	1,682.56	2,049.66	2,416.77	2,783.87
7 3/4	221.79	588.90	956.00	1,323.10	1,690.21	2,057.31	2,424.42	2,791.52
8	229.44	596.54	963.65	1,330.75	1,697.86	2,064.96	2,432.06	2,799.17
8 1/4	237.09	604.19	971.30	1,338.40	1,705.50	2,072.61	2,439.71	2,806.82
8 1/2	244.74	611.84	978.94	1,346.05	1,713.15	2,080.26	2,447.36	2,814.46
8 3/4	252.39	619.49	986.59	1,353.70	1,720.80	2,087.90	2,455.01	2,822.11
9	260.03	627.14	994.24	1,361.34	1,728.45	2,095.55	2,462.66	2,829.76
9 1/4	267.68	634.78	1,001.89	1,368.99	1,736.10	2,103.20	2,470.30	2,837.41
9 1/2	275.33	642.43	1,009.54	1,376.64	1,743.74	2,110.85	2,477.95	2,845.06
9 3/4	282.98	650.08	1,017.18	1,384.29	1,751.39	2,118.50	2,485.60	2,852.70
10	290.62	657.73	1,024.83	1,391.94	1,759.04	2,126.14	2,493.25	2,860.35
10 1/4	298.27	665.38	1,032.48	1,399.58	1,766.69	2,133.79	2,500.90	2,868.00
10 1/2	305.92	673.02	1,040.13	1,407.23	1,774.34	2,141.44	2,508.54	2,875.65
10 3/4	313.57	680.67	1,047.78	1,414.88	1,781.98	2,149.09	2,516.19	2,883.30
11	321.22	688.32	1,055.43	1,422.53	1,789.63	2,156.74	2,523.84	2,890.95
11 1/4	328.86	695.97	1,063.07	1,430.18	1,797.28	2,164.38	2,531.49	2,898.59
11 1/2	336.51	703.62	1,070.72	1,437.82	1,804.93	2,172.03	2,539.14	2,906.24
11 3/4	344.16	711.26	1,078.37	1,445.47	1,812.58	2,179.68	2,546.78	2,913.89

*CAPACITY IN: 42-GALLON BARRELS
REFERENCE: STARBOARD GAUGE HEIGHT: 14'-6 1/4" (81M OF 2" DIAMETER SOUNDING PIPE LOCATED NEAR GEOMETRICAL CENTER OF TANK)

STRAPPED: 9/7/95

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

INSPECTORATE



ISO 9002 ACCREDITED

BARGE "CTC 313"

CENAC TOWING COMPANY
INNAGE TABLE

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

HULL NO. 4163

SHEET NO. 2 OF 2

TANK NUMBER
1 STAR.

IN.	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	IN.	FEET	FEET
0	2,921.54	3,286.64	3,655.74	4,022.85	4,389.95	4,756.52	5,018.97	0		
1/4	2,929.18	3,296.29	3,663.39	4,030.50	4,397.60	4,764.14	5,018.04	1/4		
1/2	2,936.83	3,303.94	3,671.04	4,038.14	4,405.25	4,771.76	5,018.27	1/2		
3/4	2,944.48	3,311.58	3,678.69	4,045.79	4,412.90	4,779.38	5,018.51	3/4		
1	2,952.13	3,319.23	3,686.34	4,053.44	4,420.54	4,787.00	5,018.75	1		
1 1/4	2,959.78	3,326.88	3,693.98	4,061.09	4,428.19	4,794.62		1 1/4		
1 1/2	2,967.42	3,334.53	3,701.63	4,068.74	4,435.84	4,802.24		1 1/2		
1 3/4	2,975.07	3,342.18	3,709.28	4,076.38	4,443.49	4,809.86		1 3/4		
2	2,982.72	3,349.82	3,716.93	4,084.03	4,451.14	4,817.48		2		
2 1/4	2,990.37	3,357.47	3,724.58	4,091.68	4,458.78	4,825.11		2 1/4		
2 1/2	2,998.02	3,365.12	3,732.22	4,099.33	4,466.43	4,832.73		2 1/2		
2 3/4	3,005.66	3,372.77	3,739.87	4,106.98	4,474.08	4,840.35		2 3/4		
3	3,013.31	3,380.42	3,747.52	4,114.62	4,481.73	4,847.97		3		
3 1/4	3,020.96	3,388.06	3,755.17	4,122.27	4,489.38	4,855.59		3 1/4		
3 1/2	3,028.61	3,395.71	3,762.82	4,129.92	4,497.02	4,863.21		3 1/2		
3 3/4	3,036.26	3,403.35	3,770.46	4,137.57	4,504.67	4,870.83		3 3/4		
4	3,043.90	3,411.01	3,778.11	4,145.22	4,512.32	4,878.45		4		
4 1/4	3,051.55	3,418.66	3,785.76	4,152.86	4,519.97	4,886.07		4 1/4		
4 1/2	3,059.20	3,426.30	3,793.41	4,160.51	4,527.62	4,893.26		4 1/2		
4 3/4	3,066.85	3,433.95	3,801.06	4,168.16	4,535.26	4,900.44		4 3/4		
5	3,074.50	3,441.60	3,808.70	4,175.81	4,542.91	4,907.63		5		
5 1/4	3,082.14	3,449.25	3,816.35	4,183.46	4,550.56	4,914.81		5 1/4		
5 1/2	3,089.79	3,456.90	3,824.00	4,191.10	4,558.21	4,921.12		5 1/2		
5 3/4	3,097.44	3,464.54	3,831.65	4,198.75	4,565.86	4,927.53		5 3/4		
6	3,105.09	3,472.19	3,839.30	4,206.40	4,573.50	4,934.74		6		
6 1/4	3,112.74	3,479.84	3,846.94	4,214.05	4,581.15	4,940.05		6 1/4		
6 1/2	3,120.38	3,487.48	3,854.59	4,221.70	4,588.80	4,945.49		6 1/2		
6 3/4	3,128.03	3,495.13	3,862.24	4,229.34	4,596.45	4,950.92		6 3/4		
7	3,135.68	3,502.78	3,869.89	4,236.99	4,604.10	4,956.36		7		
7 1/4	3,143.33	3,510.43	3,877.54	4,244.64	4,611.72	4,961.79		7 1/4		
7 1/2	3,150.98	3,518.08	3,885.18	4,252.29	4,619.34	4,966.35		7 1/2		
7 3/4	3,158.62	3,525.73	3,892.83	4,259.94	4,626.96	4,970.92		7 3/4		
8	3,166.27	3,533.38	3,900.48	4,267.58	4,634.58	4,975.48		8		
8 1/4	3,173.92	3,541.02	3,908.13	4,275.23	4,642.20	4,980.04		8 1/4		
8 1/2	3,181.57	3,548.67	3,915.78	4,282.88	4,649.82	4,983.72		8 1/2		
8 3/4	3,189.22	3,556.32	3,923.42	4,290.53	4,657.44	4,987.41		8 3/4		
9	3,196.86	3,563.97	3,931.07	4,298.18	4,665.06	4,991.10		9		
9 1/4	3,204.51	3,571.62	3,938.72	4,305.82	4,672.69	4,994.78		9 1/4		
9 1/2	3,212.16	3,579.26	3,946.37	4,313.47	4,680.31	4,997.59		9 1/2		
9 3/4	3,219.81	3,586.91	3,954.02	4,321.12	4,687.93	5,000.41		9 3/4		
10	3,227.46	3,594.56	3,961.66	4,328.77	4,695.55	5,003.22		10		
10 1/4	3,235.10	3,602.21	3,969.31	4,336.42	4,703.17	5,006.03		10 1/4		
10 1/2	3,242.75	3,609.86	3,976.96	4,344.06	4,710.79	5,007.97		10 1/2		
10 3/4	3,250.40	3,617.50	3,984.61	4,351.71	4,718.41	5,009.91		10 3/4		
11	3,258.05	3,625.15	3,992.26	4,359.36	4,726.03	5,011.84		11		
11 1/4	3,265.70	3,632.80	3,999.90	4,367.01	4,733.65	5,013.78		11 1/4		
11 1/2	3,273.34	3,640.45	4,007.55	4,374.66	4,741.27	5,014.85		11 1/2		
11 3/4	3,280.99	3,648.10	4,015.20	4,382.30	4,748.90	5,015.91		11 3/4		

CAPACITY IN: 42-GALLON BARRELS

REFERENCE STARBOARD GAUGE HEIGHT:

14'-6 1/4" (RIM OF 2" DIAMETER
SOUNDING PIPE LOCATED BEAR
GEOMETRICAL CENTER OF TANK)

SIGNED: 9/11/95

INSPECTORATE AMERICA CORPORATION

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "CTC 313"

CENAC TOWING COMPANY
INNAGE TABLE

TANK NUMBER:
2 PORT OR STAR.

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

HULL NO. 4163 SHEET NO. 1 OF 2

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		FEET	
IN.	IM.	IN.	IM.	IN.	IM.	IN.	IM.	IN.	IM.	IN.	IM.	IN.	IM.	IN.	IM.	IN.	IM.
0	20.31	0	379.03	0	750.31	0	1,121.59	0	1,492.97	0	1,864.15	0	2,235.43	0	2,606.71	0	
1/4	25.15	1/4	386.76	1/4	758.04	1/4	1,129.32	1/4	1,500.60	1/4	1,871.88	1/4	2,243.16	1/4	2,614.44	1/4	
1/2	29.98	1/2	394.50	1/2	765.78	1/2	1,137.06	1/2	1,508.34	1/2	1,879.62	1/2	2,250.90	1/2	2,622.18	1/2	
3/4	34.82	3/4	402.23	3/4	773.51	3/4	1,144.79	3/4	1,516.07	3/4	1,887.35	3/4	2,258.63	3/4	2,629.91	3/4	
1	41.59	1	409.97	1	781.25	1	1,152.53	1	1,523.81	1	1,895.09	1	2,266.37	1	2,637.65	1	
1 1/4	48.35	1 1/4	417.70	1 1/4	788.98	1 1/4	1,160.26	1 1/4	1,531.54	1 1/4	1,902.82	1 1/4	2,274.10	1 1/4	2,645.38	1 1/4	
1 1/2	55.12	1 1/2	425.44	1 1/2	796.72	1 1/2	1,168.00	1 1/2	1,539.28	1 1/2	1,910.56	1 1/2	2,281.84	1 1/2	2,653.12	1 1/2	
1 3/4	61.89	1 3/4	433.17	1 3/4	804.45	1 3/4	1,175.73	1 3/4	1,547.01	1 3/4	1,918.29	1 3/4	2,289.57	1 3/4	2,660.85	1 3/4	
2	69.63	2	440.91	2	812.19	2	1,183.47	2	1,554.75	2	1,926.03	2	2,297.31	2	2,668.59	2	
2 1/4	77.36	2 1/4	448.68	2 1/4	819.92	2 1/4	1,191.20	2 1/4	1,562.48	2 1/4	1,933.76	2 1/4	2,305.04	2 1/4	2,676.32	2 1/4	
2 1/2	85.10	2 1/2	456.38	2 1/2	827.66	2 1/2	1,199.94	2 1/2	1,570.22	2 1/2	1,941.50	2 1/2	2,312.78	2 1/2	2,684.06	2 1/2	
2 3/4	92.83	2 3/4	464.11	2 3/4	835.39	2 3/4	1,206.67	2 3/4	1,577.95	2 3/4	1,949.23	2 3/4	2,320.51	2 3/4	2,691.79	2 3/4	
3	100.57	3	471.85	3	843.13	3	1,214.41	3	1,585.69	3	1,956.97	3	2,328.25	3	2,699.53	3	
3 1/4	108.30	3 1/4	479.58	3 1/4	850.86	3 1/4	1,222.14	3 1/4	1,593.42	3 1/4	1,964.70	3 1/4	2,335.98	3 1/4	2,707.26	3 1/4	
3 1/2	116.04	3 1/2	487.32	3 1/2	858.60	3 1/2	1,229.88	3 1/2	1,601.16	3 1/2	1,972.44	3 1/2	2,343.72	3 1/2	2,715.00	3 1/2	
3 3/4	123.77	3 3/4	495.05	3 3/4	866.33	3 3/4	1,237.61	3 3/4	1,608.89	3 3/4	1,980.17	3 3/4	2,351.45	3 3/4	2,722.73	3 3/4	
4	131.51	4	502.79	4	874.07	4	1,245.35	4	1,616.63	4	1,987.91	4	2,359.19	4	2,730.47	4	
4 1/4	139.24	4 1/4	510.52	4 1/4	881.80	4 1/4	1,253.08	4 1/4	1,624.36	4 1/4	1,995.64	4 1/4	2,366.92	4 1/4	2,738.20	4 1/4	
4 1/2	146.98	4 1/2	518.26	4 1/2	889.54	4 1/2	1,260.82	4 1/2	1,632.10	4 1/2	2,003.38	4 1/2	2,374.66	4 1/2	2,745.94	4 1/2	
4 3/4	154.71	4 3/4	525.99	4 3/4	897.27	4 3/4	1,268.55	4 3/4	1,639.83	4 3/4	2,011.11	4 3/4	2,382.39	4 3/4	2,753.67	4 3/4	
5	162.45	5	533.73	5	905.01	5	1,276.29	5	1,647.57	5	2,018.85	5	2,390.13	5	2,761.41	5	
5 1/4	170.18	5 1/4	541.46	5 1/4	912.74	5 1/4	1,284.02	5 1/4	1,655.30	5 1/4	2,026.58	5 1/4	2,397.86	5 1/4	2,769.14	5 1/4	
5 1/2	177.92	5 1/2	549.20	5 1/2	920.48	5 1/2	1,291.76	5 1/2	1,663.04	5 1/2	2,034.32	5 1/2	2,405.60	5 1/2	2,776.88	5 1/2	
5 3/4	185.65	5 3/4	556.93	5 3/4	928.21	5 3/4	1,299.49	5 3/4	1,670.77	5 3/4	2,042.05	5 3/4	2,413.33	5 3/4	2,784.61	5 3/4	
6	193.39	6	564.67	6	935.95	6	1,307.23	6	1,678.51	6	2,049.79	6	2,421.07	6	2,792.35	6	
6 1/4	201.12	6 1/4	572.40	6 1/4	943.68	6 1/4	1,314.96	6 1/4	1,686.24	6 1/4	2,057.52	6 1/4	2,428.80	6 1/4	2,800.08	6 1/4	
6 1/2	208.86	6 1/2	580.14	6 1/2	951.42	6 1/2	1,322.70	6 1/2	1,693.98	6 1/2	2,065.26	6 1/2	2,436.54	6 1/2	2,807.82	6 1/2	
6 3/4	216.59	6 3/4	587.87	6 3/4	959.15	6 3/4	1,330.43	6 3/4	1,701.71	6 3/4	2,072.99	6 3/4	2,444.27	6 3/4	2,815.55	6 3/4	
7	224.33	7	595.61	7	966.89	7	1,338.17	7	1,709.45	7	2,080.73	7	2,452.01	7	2,823.29	7	
7 1/4	232.06	7 1/4	603.34	7 1/4	974.62	7 1/4	1,345.90	7 1/4	1,717.18	7 1/4	2,088.46	7 1/4	2,459.74	7 1/4	2,831.02	7 1/4	
7 1/2	239.80	7 1/2	611.08	7 1/2	982.36	7 1/2	1,353.64	7 1/2	1,724.92	7 1/2	2,096.20	7 1/2	2,467.48	7 1/2	2,838.76	7 1/2	
7 3/4	247.53	7 3/4	618.81	7 3/4	990.09	7 3/4	1,361.37	7 3/4	1,732.65	7 3/4	2,103.93	7 3/4	2,475.21	7 3/4	2,846.49	7 3/4	
8	255.27	8	626.55	8	997.83	8	1,369.11	8	1,740.39	8	2,111.67	8	2,482.95	8	2,854.23	8	
8 1/4	263.00	8 1/4	634.29	8 1/4	1,005.56	8 1/4	1,376.84	8 1/4	1,748.12	8 1/4	2,119.40	8 1/4	2,490.68	8 1/4	2,861.96	8 1/4	
8 1/2	270.74	8 1/2	642.02	8 1/2	1,013.30	8 1/2	1,384.58	8 1/2	1,755.86	8 1/2	2,127.14	8 1/2	2,498.42	8 1/2	2,869.70	8 1/2	
8 3/4	278.47	8 3/4	649.75	8 3/4	1,021.03	8 3/4	1,392.31	8 3/4	1,763.59	8 3/4	2,134.87	8 3/4	2,506.15	8 3/4	2,877.43	8 3/4	
9	286.21	9	657.49	9	1,028.77	9	1,400.05	9	1,771.33	9	2,142.61	9	2,513.89	9	2,885.17	9	
9 1/4	293.94	9 1/4	665.22	9 1/4	1,036.50	9 1/4	1,407.78	9 1/4	1,779.06	9 1/4	2,150.34	9 1/4	2,521.62	9 1/4	2,892.90	9 1/4	
9 1/2	301.68	9 1/2	672.96	9 1/2	1,044.24	9 1/2	1,415.52	9 1/2	1,786.80	9 1/2	2,158.08	9 1/2	2,529.36	9 1/2	2,900.64	9 1/2	
9 3/4	309.41	9 3/4	680.69	9 3/4	1,051.97	9 3/4	1,423.25	9 3/4	1,794.53	9 3/4	2,165.81	9 3/4	2,537.09	9 3/4	2,908.37	9 3/4	
10	317.15	10	688.43	10	1,059.71	10	1,430.99	10	1,802.27	10	2,173.55	10	2,544.83	10	2,916.11	10	
10 1/4	324.88	10 1/4	696.16	10 1/4	1,067.44	10 1/4	1,438.72	10 1/4	1,810.00	10 1/4	2,181.28	10 1/4	2,552.56	10 1/4	2,923.84	10 1/4	
10 1/2	332.62	10 1/2	703.90	10 1/2	1,075.18	10 1/2	1,446.46	10 1/2	1,817.74	10 1/2	2,189.02	10 1/2	2,560.30	10 1/2	2,931.58	10 1/2	
10 3/4	340.35	10 3/4	711.63	10 3/4	1,082.91	10 3/4	1,454.19	10 3/4	1,825.47	10 3/4	2,196.75	10 3/4	2,568.03	10 3/4	2,939.31	10 3/4	
11	348.09	11	719.37	11	1,090.65	11	1,461.93	11	1,833.21	11	2,204.49	11	2,575.77	11	2,947.05	11	
11 1/4	355.82	11 1/4	727.10	11 1/4	1,098.38	11 1/4	1,469.66	11 1/4	1,840.94	11 1/4	2,212.22	11 1/4	2,583.50	11 1/4	2,954.78	11 1/4	
11 1/2	363.56	11 1/2	734.84	11 1/2	1,106.12	11 1/2	1,477.40	11 1/2	1,848.68	11 1/2	2,220.96	11 1/2	2,591.24	11 1/2	2,962.52	11 1/2	
11 3/4	371.29	11 3/4	742.57	11 3/4	1,113.85	11 3/4	1,485.13	11 3/4	1,856.41	11 3/4	2,227.69	11 3/4	2,598.97	11 3/4	2,970.25	11 3/4	

CAPACITY IN: 42-GALLON BARRELS
REFERENCE GAUGE HEIGHT: 14'-5 1/2" (RIM OF 2" DIAMETER SOUNDING PIPE LOCATED NEAR GEOMETRICAL CENTER OF TANK)

STRAPPED: 9/1/95
WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTC-313"

CENAC TOWING COMPANY
INNAGE TABLE

TANK NUMBER
2 PORT OR STAR.

BARGE SHOULD BE ON EYEL-LEVEL XCEL WHEN GAUGES ARE TAKEN

HULL NO. 4163

SHEET NO. 2 OF 2

8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		FEET		FEET	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	2,977.99	0	3,349.27	0	3,720.55	0	4,091.83	0	4,463.11	0	4,833.77	0	5,205.17	0	5,575.77	0	
1/8	2,965.72	1/8	3,337.00	1/8	3,708.28	1/8	4,079.56	1/8	4,450.84	1/8	4,821.47	1/8	5,192.87	1/8	5,563.47	1/8	
1/4	2,953.46	1/4	3,324.74	1/4	3,696.02	1/4	4,067.30	1/4	4,438.58	1/4	4,809.20	1/4	5,180.60	1/4	5,551.20	1/4	
3/8	3,001.19	3/8	3,372.47	3/8	3,743.75	3/8	4,115.03	3/8	4,486.31	3/8	4,856.89	3/8	5,228.28	3/8	5,598.88	3/8	
1	3,008.93	1	3,380.21	1	3,751.49	1	4,122.77	1	4,494.05	1	4,864.60	1	5,235.99	1	5,606.59	1	
1 1/8	3,016.65	1 1/8	3,387.94	1 1/8	3,759.22	1 1/8	4,130.50	1 1/8	4,501.78	1 1/8	4,872.31	1 1/8	5,243.72	1 1/8	5,614.32	1 1/8	
1 1/4	3,024.40	1 1/4	3,395.68	1 1/4	3,766.96	1 1/4	4,138.24	1 1/4	4,509.52	1 1/4	4,880.01	1 1/4	5,251.46	1 1/4	5,621.96	1 1/4	
1 1/2	3,032.13	1 1/2	3,403.41	1 1/2	3,774.69	1 1/2	4,145.97	1 1/2	4,517.25	1 1/2	4,887.72	1 1/2	5,259.20	1 1/2	5,629.70	1 1/2	
1 3/8	3,039.87	1 3/8	3,411.15	1 3/8	3,782.43	1 3/8	4,153.71	1 3/8	4,524.99	1 3/8	4,895.43	1 3/8	5,266.94	1 3/8	5,637.54	1 3/8	
1 1/2	3,047.60	1 1/2	3,418.88	1 1/2	3,790.16	1 1/2	4,161.44	1 1/2	4,532.72	1 1/2	4,903.14	1 1/2	5,274.68	1 1/2	5,645.28	1 1/2	
1 5/8	3,055.34	1 5/8	3,426.62	1 5/8	3,797.90	1 5/8	4,169.18	1 5/8	4,540.46	1 5/8	4,910.85	1 5/8	5,282.42	1 5/8	5,653.02	1 5/8	
2	3,063.07	2	3,434.35	2	3,805.63	2	4,176.91	2	4,548.19	2	4,918.55	2	5,290.16	2	5,660.76	2	
2 1/8	3,070.81	2 1/8	3,442.09	2 1/8	3,813.37	2 1/8	4,184.65	2 1/8	4,555.93	2 1/8	4,926.26	2 1/8	5,297.90	2 1/8	5,668.50	2 1/8	
2 1/4	3,078.54	2 1/4	3,449.82	2 1/4	3,821.10	2 1/4	4,192.38	2 1/4	4,563.66	2 1/4	4,933.97	2 1/4	5,305.64	2 1/4	5,676.24	2 1/4	
2 1/2	3,086.28	2 1/2	3,457.56	2 1/2	3,828.84	2 1/2	4,200.12	2 1/2	4,571.40	2 1/2	4,941.68	2 1/2	5,313.38	2 1/2	5,683.98	2 1/2	
2 3/8	3,094.01	2 3/8	3,465.29	2 3/8	3,836.57	2 3/8	4,207.85	2 3/8	4,579.13	2 3/8	4,949.42	2 3/8	5,321.12	2 3/8	5,691.72	2 3/8	
2 1/2	3,101.75	2 1/2	3,473.03	2 1/2	3,844.31	2 1/2	4,215.59	2 1/2	4,586.87	2 1/2	4,956.21	2 1/2	5,328.86	2 1/2	5,699.46	2 1/2	
2 5/8	3,109.48	2 5/8	3,480.76	2 5/8	3,852.04	2 5/8	4,223.32	2 5/8	4,594.60	2 5/8	4,963.95	2 5/8	5,336.60	2 5/8	5,707.20	2 5/8	
3	3,117.22	3	3,488.50	3	3,859.78	3	4,231.06	3	4,602.34	3	4,970.75	3	5,344.34	3	5,714.94	3	
3 1/8	3,124.95	3 1/8	3,496.23	3 1/8	3,867.51	3 1/8	4,238.79	3 1/8	4,610.07	3 1/8	4,978.49	3 1/8	5,352.08	3 1/8	5,722.68	3 1/8	
3 1/4	3,132.69	3 1/4	3,503.97	3 1/4	3,875.25	3 1/4	4,246.53	3 1/4	4,617.81	3 1/4	4,986.21	3 1/4	5,359.82	3 1/4	5,730.42	3 1/4	
3 1/2	3,140.42	3 1/2	3,511.70	3 1/2	3,882.98	3 1/2	4,254.26	3 1/2	4,625.54	3 1/2	4,993.95	3 1/2	5,367.56	3 1/2	5,738.16	3 1/2	
3 3/8	3,148.16	3 3/8	3,519.44	3 3/8	3,890.72	3 3/8	4,262.00	3 3/8	4,633.28	3 3/8	5,001.69	3 3/8	5,375.30	3 3/8	5,745.90	3 3/8	
3 1/2	3,155.89	3 1/2	3,527.17	3 1/2	3,898.45	3 1/2	4,269.73	3 1/2	4,641.01	3 1/2	5,009.43	3 1/2	5,383.04	3 1/2	5,753.64	3 1/2	
3 5/8	3,163.63	3 5/8	3,534.91	3 5/8	3,906.19	3 5/8	4,277.47	3 5/8	4,648.75	3 5/8	5,017.17	3 5/8	5,390.78	3 5/8	5,761.38	3 5/8	
3 1/2	3,171.36	3 1/2	3,542.64	3 1/2	3,913.92	3 1/2	4,285.20	3 1/2	4,656.48	3 1/2	5,024.91	3 1/2	5,398.52	3 1/2	5,769.12	3 1/2	
3 7/8	3,179.10	3 7/8	3,550.38	3 7/8	3,921.66	3 7/8	4,292.94	3 7/8	4,664.22	3 7/8	5,032.65	3 7/8	5,406.26	3 7/8	5,776.86	3 7/8	
4	3,186.83	4	3,558.11	4	3,929.39	4	4,300.67	4	4,671.90	4	5,040.39	4	5,414.00	4	5,784.60	4	
4 1/8	3,194.57	4 1/8	3,565.85	4 1/8	3,937.13	4 1/8	4,308.41	4 1/8	4,679.61	4 1/8	5,047.89	4 1/8	5,421.74	4 1/8	5,792.34	4 1/8	
4 1/4	3,202.30	4 1/4	3,573.58	4 1/4	3,944.86	4 1/4	4,316.14	4 1/4	4,687.31	4 1/4	5,055.63	4 1/4	5,429.48	4 1/4	5,800.08	4 1/4	
4 1/2	3,210.04	4 1/2	3,581.32	4 1/2	3,952.60	4 1/2	4,323.88	4 1/2	4,695.02	4 1/2	5,063.37	4 1/2	5,437.22	4 1/2	5,807.82	4 1/2	
4 3/8	3,217.77	4 3/8	3,589.05	4 3/8	3,960.33	4 3/8	4,331.61	4 3/8	4,702.73	4 3/8	5,071.11	4 3/8	5,444.96	4 3/8	5,815.56	4 3/8	
4 1/2	3,225.51	4 1/2	3,596.79	4 1/2	3,968.07	4 1/2	4,339.35	4 1/2	4,710.44	4 1/2	5,078.85	4 1/2	5,452.70	4 1/2	5,823.30	4 1/2	
4 5/8	3,233.24	4 5/8	3,604.52	4 5/8	3,975.80	4 5/8	4,347.08	4 5/8	4,718.15	4 5/8	5,086.59	4 5/8	5,460.44	4 5/8	5,831.04	4 5/8	
4 1/2	3,240.98	4 1/2	3,612.26	4 1/2	3,983.54	4 1/2	4,354.82	4 1/2	4,725.85	4 1/2	5,094.33	4 1/2	5,468.18	4 1/2	5,838.78	4 1/2	
4 7/8	3,248.71	4 7/8	3,619.99	4 7/8	3,991.27	4 7/8	4,362.55	4 7/8	4,733.56	4 7/8	5,102.07	4 7/8	5,475.92	4 7/8	5,846.52	4 7/8	
5	3,256.45	5	3,627.73	5	3,999.01	5	4,370.29	5	4,741.27	5	5,109.81	5	5,483.66	5	5,854.26	5	
5 1/8	3,264.18	5 1/8	3,635.46	5 1/8	4,006.74	5 1/8	4,378.02	5 1/8	4,748.98	5 1/8	5,117.55	5 1/8	5,491.40	5 1/8	5,862.00	5 1/8	
5 1/4	3,271.92	5 1/4	3,643.20	5 1/4	4,014.48	5 1/4	4,385.76	5 1/4	4,756.69	5 1/4	5,125.29	5 1/4	5,499.14	5 1/4	5,869.74	5 1/4	
5 1/2	3,279.65	5 1/2	3,650.93	5 1/2	4,022.21	5 1/2	4,393.49	5 1/2	4,764.39	5 1/2	5,133.03	5 1/2	5,506.88	5 1/2	5,877.48	5 1/2	
5 3/8	3,287.39	5 3/8	3,658.67	5 3/8	4,029.95	5 3/8	4,401.23	5 3/8	4,772.10	5 3/8	5,140.77	5 3/8	5,514.62	5 3/8	5,885.22	5 3/8	
5 1/2	3,295.12	5 1/2	3,666.40	5 1/2	4,037.68	5 1/2	4,408.96	5 1/2	4,779.81	5 1/2	5,148.51	5 1/2	5,522.36	5 1/2	5,892.96	5 1/2	
5 5/8	3,302.86	5 5/8	3,674.14	5 5/8	4,045.42	5 5/8	4,416.70	5 5/8	4,787.52	5 5/8	5,156.25	5 5/8	5,530.10	5 5/8	5,900.70	5 5/8	
5 1/2	3,310.59	5 1/2	3,681.87	5 1/2	4,053.15	5 1/2	4,424.43	5 1/2	4,795.23	5 1/2	5,163.99	5 1/2	5,537.84	5 1/2	5,908.44	5 1/2	
5 7/8	3,318.33	5 7/8	3,689.61	5 7/8	4,060.89	5 7/8	4,432.17	5 7/8	4,802.93	5 7/8	5,171.73	5 7/8	5,545.58	5 7/8	5,916.18	5 7/8	
6	3,326.06	6	3,697.34	6	4,068.62	6	4,439.90	6	4,810.64	6	5,179.47	6	5,553.32	6	5,923.92	6	
6 1/8	3,333.80	6 1/8	3,705.08	6 1/8	4,076.36	6 1/8	4,447.64	6 1/8	4,818.35	6 1/8	5,187.21	6 1/8	5,561.06	6 1/8	5,931.66	6 1/8	
6 1/4	3,341.53	6 1/4	3,712.81	6 1/4	4,084.09	6 1/4	4,455.37	6 1/4	4,826.06	6 1/4	5,194.95	6 1/4	5,568.80	6 1/4	5,939.40	6 1/4	

REFERENCE GAUGE HEIGHT: 14'-5 1/2" (ADM OF 2" DIAMETER SOUNDING PIPE LOCATED NEAR GEOMETRICAL CENTER OF TANK)

STAMPED 9/17/95
INSPECTORATE AMERICA CORPORATION

INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTC₀ 313"

 CENAC TOWING COMPANY
 INNAAGE TABLE

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

HULL NO. 4163

SHEET NO. 1 OF 2

 TANK NUMBER:
3 STAR.

0 FEET	1 FEET	2 FEET	3 FEET	4 FEET	5 FEET	6 FEET	7 FEET	FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	0	0	0	0	0	0	0	0
1/4	12.57 1/4	355.12 0	727.73 0	1,039.35 0	1,470.96 0	1,842.58 0	2,214.20 0	2,505.01 0
1/2	12.57 1/4	363.86 1/4	735.47 1/4	1,107.09 1/4	1,478.71 1/4	1,850.32 1/4	2,221.94 1/4	2,593.55 1/4
3/4	15.47 1/4	371.60 1/4	743.22 1/4	1,114.83 1/4	1,486.45 1/4	1,858.06 1/4	2,229.68 1/4	2,601.30 1/4
1	20.31 1/4	379.34 1/4	750.96 1/4	1,122.57 1/4	1,494.19 1/4	1,865.81 1/4	2,237.42 1/4	2,609.04 1/4
1 1/4	25.15 1	387.08 1	758.70 1	1,130.32 1	1,501.93 1	1,873.55 1	2,245.16 1	2,616.78 1
1 1/2	29.99 1/4	394.83 1/4	766.44 1/4	1,138.06 1/4	1,509.67 1/4	1,881.29 1/4	2,252.91 1/4	2,624.52 1/4
1 3/4	34.82 1/4	402.57 1/4	774.18 1/4	1,145.80 1/4	1,517.42 1/4	1,889.03 1/4	2,260.65 1/4	2,632.26 1/4
2	41.60 1/4	410.31 1/4	781.93 1/4	1,153.54 1/4	1,525.16 1/4	1,896.77 1/4	2,268.39 1/4	2,640.01 1/4
2 1/4	48.37 1/4	418.05 1/4	789.67 1/4	1,161.28 1/4	1,532.90 1/4	1,904.52 1/4	2,276.13 1/4	2,647.75 1/4
2 1/2	55.15 1/4	425.79 1/4	797.41 1/4	1,169.03 1/4	1,540.64 1/4	1,912.26 1/4	2,283.87 1/4	2,655.49 1/4
2 3/4	61.92 1/4	433.54 1/4	805.15 1/4	1,176.77 1/4	1,548.38 1/4	1,920.00 1/4	2,291.62 1/4	2,663.23 1/4
3	69.66 1/4	441.28 1/4	812.89 1/4	1,184.51 1/4	1,556.13 1/4	1,927.74 1/4	2,299.36 1/4	2,670.97 1/4
3 1/4	77.40 1/4	449.02 1/4	820.64 1/4	1,192.25 1/4	1,563.87 1/4	1,935.48 1/4	2,307.10 1/4	2,678.72 1/4
3 1/2	85.15 1/4	456.76 1/4	828.38 1/4	1,199.99 1/4	1,571.61 1/4	1,943.23 1/4	2,314.84 1/4	2,686.46 1/4
3 3/4	92.89 1/4	464.50 1/4	836.12 1/4	1,207.74 1/4	1,579.35 1/4	1,950.97 1/4	2,322.58 1/4	2,694.20 1/4
4	100.63 1/4	472.25 1/4	843.86 1/4	1,215.48 1/4	1,587.09 1/4	1,958.71 1/4	2,330.33 1/4	2,701.94 1/4
4 1/4	108.37 1/4	479.99 1/4	851.60 1/4	1,223.22 1/4	1,594.84 1/4	1,966.45 1/4	2,338.07 1/4	2,709.68 1/4
4 1/2	116.11 1/4	487.73 1/4	859.35 1/4	1,230.96 1/4	1,602.58 1/4	1,974.19 1/4	2,345.81 1/4	2,717.43 1/4
4 3/4	123.86 1/4	495.47 1/4	867.09 1/4	1,238.70 1/4	1,610.32 1/4	1,981.94 1/4	2,353.55 1/4	2,725.17 1/4
5	131.60 1/4	503.21 1/4	874.83 1/4	1,246.45 1/4	1,618.06 1/4	1,989.68 1/4	2,361.29 1/4	2,732.91 1/4
5 1/4	139.34 1/4	510.96 1/4	882.57 1/4	1,254.19 1/4	1,625.80 1/4	1,997.42 1/4	2,369.04 1/4	2,740.65 1/4
5 1/2	147.08 1/4	518.70 1/4	890.31 1/4	1,261.93 1/4	1,633.53 1/4	2,005.16 1/4	2,376.78 1/4	2,748.39 1/4
5 3/4	154.82 1/4	526.44 1/4	898.06 1/4	1,269.67 1/4	1,641.27 1/4	2,012.90 1/4	2,384.52 1/4	2,756.14 1/4
6	162.57 1/4	534.18 1/4	905.80 1/4	1,277.41 1/4	1,649.03 1/4	2,020.65 1/4	2,392.26 1/4	2,763.88 1/4
6 1/4	170.31 1/4	541.92 1/4	913.54 1/4	1,285.16 1/4	1,656.77 1/4	2,028.39 1/4	2,400.00 1/4	2,771.62 1/4
6 1/2	178.05 1/4	549.67 1/4	921.28 1/4	1,292.90 1/4	1,664.51 1/4	2,036.13 1/4	2,407.75 1/4	2,779.36 1/4
6 3/4	185.79 1/4	557.41 1/4	929.02 1/4	1,300.64 1/4	1,672.26 1/4	2,043.87 1/4	2,415.49 1/4	2,787.10 1/4
7	193.53 1/4	565.15 1/4	936.77 1/4	1,308.38 1/4	1,680.00 1/4	2,051.61 1/4	2,423.23 1/4	2,794.85 1/4
7 1/4	201.28 1/4	572.89 1/4	944.51 1/4	1,316.12 1/4	1,687.74 1/4	2,059.36 1/4	2,430.97 1/4	2,802.59 1/4
7 1/2	209.02 1/4	580.63 1/4	952.25 1/4	1,323.87 1/4	1,695.48 1/4	2,067.10 1/4	2,438.71 1/4	2,810.33 1/4
7 3/4	216.76 1/4	588.38 1/4	959.99 1/4	1,331.61 1/4	1,703.22 1/4	2,074.84 1/4	2,446.46 1/4	2,818.07 1/4
8	224.50 1/4	596.12 1/4	967.73 1/4	1,339.35 1/4	1,710.97 1/4	2,082.58 1/4	2,454.20 1/4	2,825.81 1/4
8 1/4	232.24 1/4	603.86 1/4	975.48 1/4	1,347.09 1/4	1,718.71 1/4	2,090.32 1/4	2,461.94 1/4	2,833.56 1/4
8 1/2	239.99 1/4	611.60 1/4	983.22 1/4	1,354.83 1/4	1,726.45 1/4	2,098.07 1/4	2,469.68 1/4	2,841.30 1/4
8 3/4	247.73 1/4	619.34 1/4	990.96 1/4	1,362.58 1/4	1,734.19 1/4	2,105.81 1/4	2,477.42 1/4	2,849.04 1/4
9	255.47 1/4	627.09 1/4	998.70 1/4	1,370.32 1/4	1,741.93 1/4	2,113.55 1/4	2,485.17 1/4	2,856.78 1/4
9 1/4	263.21 1/4	634.83 1/4	1,006.44 1/4	1,378.06 1/4	1,749.68 1/4	2,121.29 1/4	2,492.91 1/4	2,864.52 1/4
9 1/2	270.95 1/4	642.57 1/4	1,014.19 1/4	1,385.80 1/4	1,757.42 1/4	2,129.03 1/4	2,500.65 1/4	2,872.27 1/4
9 3/4	278.70 1/4	650.31 1/4	1,021.93 1/4	1,393.54 1/4	1,765.16 1/4	2,136.78 1/4	2,508.39 1/4	2,880.01 1/4
10	286.44 1/4	658.05 1/4	1,029.67 1/4	1,401.29 1/4	1,772.90 1/4	2,144.52 1/4	2,516.13 1/4	2,887.75 1/4
10 1/4	294.18 1/4	665.80 1/4	1,037.41 1/4	1,409.03 1/4	1,780.64 1/4	2,152.26 1/4	2,523.88 1/4	2,895.49 1/4
10 1/2	301.92 1/4	673.54 1/4	1,045.15 1/4	1,416.77 1/4	1,788.39 1/4	2,160.00 1/4	2,531.62 1/4	2,903.23 1/4
10 3/4	309.66 1/4	681.28 1/4	1,052.90 1/4	1,424.51 1/4	1,796.13 1/4	2,167.74 1/4	2,539.36 1/4	2,910.98 1/4
11	317.41 1/4	689.02 1/4	1,060.64 1/4	1,432.25 1/4	1,803.87 1/4	2,175.49 1/4	2,547.10 1/4	2,918.72 1/4
11 1/4	325.15 1/4	696.76 1/4	1,068.38 1/4	1,440.00 1/4	1,811.61 1/4	2,183.23 1/4	2,554.84 1/4	2,926.46 1/4
11 1/2	332.89 1/4	704.51 1/4	1,076.12 1/4	1,447.74 1/4	1,819.35 1/4	2,190.97 1/4	2,562.59 1/4	2,934.20 1/4
11 3/4	340.63 1/4	712.25 1/4	1,083.86 1/4	1,455.48 1/4	1,827.10 1/4	2,198.71 1/4	2,570.33 1/4	2,941.94 1/4
12	348.37 1/4	720.00 1/4	1,091.61 1/4	1,463.22 1/4	1,834.84 1/4	2,206.45 1/4	2,578.07 1/4	2,949.69 1/4

CAPACITY IN: 42-GALLON BARRELS

 REFERENCE STAIRBOARD GAUGE HEIGHT: 14'-6" (RIM OF 2" DIAMETER
 SOUNDING PIPE LOCATED NEAR
 GEOMETRICAL CENTER OF TANK)

 STRAPPED: 9/7/95
 WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN
 ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE
 TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTC 313"

CEMAC TOWING COMPANY
INNAGE TABLETANK NUMBER
3 STAR.

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

HULL NO. 4153

SHEET NO. 2 OF 2

IN.	8 FEET	9 FEET	10 FEET	11 FEET	12 FEET	13 FEET	14 FEET	FEET	FEET
0	2,357.43	3,356.34	3,572.40	3,801.62	4,029.54	4,257.50	4,419.25	0	0
1/4	2,965.17	3,333.27	3,577.24	3,805.77	4,034.30	4,262.24	4,419.95	1/4	1/4
1/2	2,972.91	3,340.20	3,582.00	3,810.53	4,039.06	4,266.97	4,420.17	1/2	1/2
3/4	2,980.65	3,346.58	3,586.76	3,815.29	4,043.82	4,271.70	4,420.30	3/4	3/4
1	2,988.40	3,352.97	3,591.52	3,820.05	4,048.58	4,276.44	4,420.47	1	1
1 1/4	2,996.14	3,359.36	3,596.29	3,824.81	4,053.34	4,281.17	4,420.64	1 1/4	1 1/4
1 1/2	3,003.88	3,365.74	3,601.05	3,829.57	4,058.10	4,285.90	4,420.81	1 1/2	1 1/2
3/2	3,011.62	3,371.59	3,605.81	3,834.34	4,062.86	4,290.64	4,420.98	3/2	3/2
2	3,019.36	3,377.43	3,610.57	3,839.10	4,067.62	4,295.37	4,421.15	2	2
2 1/4	3,027.11	3,383.28	3,615.33	3,843.86	4,072.39	4,300.10	4,421.32	2 1/4	2 1/4
2 1/2	3,034.85	3,389.12	3,620.09	3,848.62	4,077.15	4,304.83	4,421.49	2 1/2	2 1/2
3/2	3,042.59	3,394.96	3,624.85	3,853.38	4,081.91	4,309.57	4,421.66	3/2	3/2
3	3,050.33	3,399.73	3,629.61	3,858.14	4,086.67	4,314.30	4,421.83	3	3
3 1/4	3,058.07	3,405.03	3,634.37	3,862.90	4,091.43	4,319.03	4,421.99	3 1/4	3 1/4
3 1/2	3,065.82	3,410.34	3,639.13	3,867.66	4,096.19	4,323.77	4,422.16	3 1/2	3 1/2
3/2	3,073.56	3,415.23	3,643.90	3,872.42	4,100.95	4,328.50	4,422.33	3/2	3/2
4	3,081.30	3,420.13	3,648.66	3,877.18	4,105.71	4,333.23	4,422.50	4	4
4 1/4	3,089.04	3,424.09	3,653.42	3,881.95	4,110.47	4,337.97	4,422.67	4 1/4	4 1/4
4 1/2	3,096.78	3,429.18	3,658.18	3,886.71	4,115.23	4,342.71	4,422.84	4 1/2	4 1/2
5/2	3,104.53	3,434.42	3,662.94	3,891.47	4,120.00	4,347.45	4,422.99	5/2	5/2
5	3,112.27	3,439.17	3,667.70	3,896.23	4,124.76	4,352.19	4,423.16	5	5
5 1/4	3,120.01	3,443.93	3,672.46	3,900.99	4,129.52	4,356.93	4,423.33	5 1/4	5 1/4
5 1/2	3,127.75	3,448.69	3,677.22	3,905.75	4,134.28	4,361.67	4,423.50	5 1/2	5 1/2
3/2	3,135.49	3,453.46	3,681.98	3,910.51	4,139.04	4,366.41	4,423.67	3/2	3/2
6	3,143.24	3,458.22	3,686.74	3,915.27	4,143.80	4,371.15	4,423.84	6	6
6 1/4	3,150.98	3,462.98	3,691.51	3,920.03	4,148.56	4,375.89	4,424.01	6 1/4	6 1/4
6 1/2	3,158.72	3,467.74	3,696.27	3,924.79	4,153.32	4,380.63	4,424.18	6 1/2	6 1/2
3/2	3,166.46	3,472.50	3,701.03	3,929.56	4,158.08	4,385.37	4,424.35	3/2	3/2
7	3,174.20	3,477.26	3,705.79	3,934.32	4,162.84	4,390.11	4,424.52	7	7
7 1/4	3,181.95	3,482.02	3,710.55	3,939.08	4,167.60	4,394.85	4,424.69	7 1/4	7 1/4
7 1/2	3,189.69	3,486.78	3,715.31	3,943.84	4,172.36	4,399.59	4,424.86	7 1/2	7 1/2
3/2	3,197.43	3,491.54	3,720.07	3,948.60	4,177.12	4,404.33	4,425.03	3/2	3/2
8	3,205.17	3,496.30	3,724.83	3,953.36	4,181.88	4,409.07	4,425.20	8	8
8 1/4	3,212.91	3,501.07	3,729.59	3,958.12	4,186.64	4,413.81	4,425.37	8 1/4	8 1/4
8 1/2	3,220.66	3,505.83	3,734.35	3,962.88	4,191.40	4,418.55	4,425.54	8 1/2	8 1/2
3/2	3,228.40	3,510.59	3,739.12	3,967.64	4,196.16	4,423.29	4,425.71	3/2	3/2
9	3,236.14	3,515.35	3,743.88	3,972.40	4,200.92	4,428.03	4,425.88	9	9
9 1/4	3,243.88	3,520.11	3,748.64	3,977.17	4,205.68	4,432.77	4,426.05	9 1/4	9 1/4
9 1/2	3,251.62	3,524.87	3,753.40	3,981.93	4,210.44	4,437.51	4,426.22	9 1/2	9 1/2
3/2	3,259.37	3,529.63	3,758.16	3,986.69	4,215.20	4,442.25	4,426.39	3/2	3/2
10	3,267.11	3,534.39	3,762.92	3,991.45	4,219.96	4,447.01	4,426.56	10	10
10 1/4	3,274.85	3,539.15	3,767.68	3,996.21	4,224.72	4,451.75	4,426.73	10 1/4	10 1/4
10 1/2	3,282.59	3,543.91	3,772.44	4,000.97	4,229.48	4,456.49	4,426.90	10 1/2	10 1/2
3/2	3,290.33	3,548.67	3,777.20	4,005.73	4,234.24	4,461.23	4,427.07	3/2	3/2
11	3,297.53	3,553.44	3,781.96	4,010.49	4,238.99	4,465.97	4,427.24	11	11
11 1/4	3,305.01	3,558.20	3,786.73	4,015.25	4,243.75	4,470.71	4,427.41	11 1/4	11 1/4
11 1/2	3,312.48	3,562.96	3,791.49	4,020.01	4,248.51	4,475.45	4,427.58	11 1/2	11 1/2
3/2	3,319.41	3,567.72	3,796.25	4,024.78	4,253.27	4,480.19	4,427.75	3/2	3/2

CAPACITY IN: 42-GALLON BARRELS

REFERENCE STARBOARD GAUGE HEIGHT: 14'-6" (14M OF 2" DIAMETER

SOUNDING PIPE LOCATED NEAR
GEOMETRICAL CENTER OF TANK)

STRAPPED 9/7/95

INSPECTORATE AMERICA CORPORATION



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTC 313"

GENAC TOWING COMPANY

IMMAGE TABLE

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

TANK NUMBER:
3 PORT

HULL NO. 4163

SHEET NO. 1 OF 2

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		FEET	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	20.31	0	379.34	0	750.96	0	1,127.57	0	1,494.19	0	1,865.01	0	2,237.42	0	2,609.04	0	2,980.66
1/4	25.15	1/4	387.08	1/4	758.70	1/4	1,130.32	1/4	1,501.93	1/4	1,873.55	1/4	2,245.16	1/4	2,616.78	1/4	2,988.40
1/2	29.99	1/2	394.83	1/2	766.44	1/2	1,138.06	1/2	1,509.67	1/2	1,881.29	1/2	2,252.91	1/2	2,624.52	1/2	2,996.14
3/4	34.82	3/4	402.57	3/4	774.18	3/4	1,145.80	3/4	1,517.42	3/4	1,889.03	3/4	2,260.65	3/4	2,632.26	3/4	2,999.76
1	41.60	1	410.31	1	781.93	1	1,153.54	1	1,525.16	1	1,896.77	1	2,268.39	1	2,640.01	1	2,999.76
1 1/4	48.37	1 1/4	418.05	1 1/4	789.67	1 1/4	1,161.28	1 1/4	1,532.90	1 1/4	1,904.52	1 1/4	2,276.13	1 1/4	2,647.75	1 1/4	2,999.76
1 1/2	55.15	1 1/2	425.79	1 1/2	797.41	1 1/2	1,169.03	1 1/2	1,540.64	1 1/2	1,912.26	1 1/2	2,283.87	1 1/2	2,655.49	1 1/2	2,999.76
1 3/4	61.92	1 3/4	433.54	1 3/4	805.15	1 3/4	1,175.77	1 3/4	1,548.39	1 3/4	1,920.00	1 3/4	2,291.62	1 3/4	2,663.23	1 3/4	2,999.76
2	69.66	2	441.28	2	812.09	2	1,184.51	2	1,556.13	2	1,927.48	2	2,307.10	2	2,670.97	2	2,999.76
2 1/4	77.40	2 1/4	449.02	2 1/4	820.64	2 1/4	1,192.25	2 1/4	1,563.87	2 1/4	1,935.48	2 1/4	2,314.84	2 1/4	2,678.72	2 1/4	2,999.76
2 1/2	85.15	2 1/2	456.76	2 1/2	828.38	2 1/2	1,199.99	2 1/2	1,571.61	2 1/2	1,943.23	2 1/2	2,322.50	2 1/2	2,686.46	2 1/2	2,999.76
2 3/4	92.89	2 3/4	464.50	2 3/4	836.12	2 3/4	1,207.74	2 3/4	1,579.35	2 3/4	1,950.97	2 3/4	2,330.53	2 3/4	2,694.20	2 3/4	2,999.76
3	100.63	3	472.25	3	843.86	3	1,215.48	3	1,587.09	3	1,958.71	3	2,338.07	3	2,701.94	3	2,999.76
3 1/4	108.37	3 1/4	479.99	3 1/4	851.60	3 1/4	1,223.22	3 1/4	1,594.84	3 1/4	1,966.45	3 1/4	2,345.81	3 1/4	2,709.68	3 1/4	2,999.76
3 1/2	116.11	3 1/2	487.73	3 1/2	859.35	3 1/2	1,230.96	3 1/2	1,602.58	3 1/2	1,974.19	3 1/2	2,353.55	3 1/2	2,717.43	3 1/2	2,999.76
3 3/4	123.86	3 3/4	495.47	3 3/4	867.09	3 3/4	1,238.70	3 3/4	1,610.32	3 3/4	1,981.94	3 3/4	2,361.29	3 3/4	2,725.17	3 3/4	2,999.76
4	131.60	4	503.21	4	874.83	4	1,246.43	4	1,618.06	4	1,989.68	4	2,369.04	4	2,732.91	4	2,999.76
4 1/4	139.34	4 1/4	510.96	4 1/4	882.57	4 1/4	1,254.17	4 1/4	1,625.80	4 1/4	1,997.42	4 1/4	2,376.78	4 1/4	2,740.65	4 1/4	2,999.76
4 1/2	147.08	4 1/2	518.70	4 1/2	890.31	4 1/2	1,261.93	4 1/2	1,633.55	4 1/2	2,005.16	4 1/2	2,384.52	4 1/2	2,748.39	4 1/2	2,999.76
4 3/4	154.82	4 3/4	526.44	4 3/4	898.06	4 3/4	1,269.67	4 3/4	1,641.29	4 3/4	2,012.90	4 3/4	2,392.26	4 3/4	2,756.14	4 3/4	2,999.76
5	162.57	5	534.18	5	905.80	5	1,277.41	5	1,649.03	5	2,020.65	5	2,400.00	5	2,763.88	5	2,999.76
5 1/4	170.31	5 1/4	541.92	5 1/4	913.54	5 1/4	1,285.16	5 1/4	1,656.77	5 1/4	2,028.39	5 1/4	2,407.75	5 1/4	2,771.62	5 1/4	2,999.76
5 1/2	178.05	5 1/2	549.67	5 1/2	921.28	5 1/2	1,292.90	5 1/2	1,664.51	5 1/2	2,036.13	5 1/2	2,415.49	5 1/2	2,779.36	5 1/2	2,999.76
5 3/4	185.79	5 3/4	557.41	5 3/4	929.02	5 3/4	1,300.64	5 3/4	1,672.26	5 3/4	2,043.87	5 3/4	2,423.23	5 3/4	2,787.10	5 3/4	2,999.76
6	193.53	6	565.15	6	936.77	6	1,308.38	6	1,680.00	6	2,051.61	6	2,430.97	6	2,794.85	6	2,999.76
6 1/4	201.28	6 1/4	572.89	6 1/4	944.51	6 1/4	1,316.12	6 1/4	1,687.74	6 1/4	2,059.35	6 1/4	2,438.71	6 1/4	2,802.59	6 1/4	2,999.76
6 1/2	209.02	6 1/2	580.63	6 1/2	952.25	6 1/2	1,323.87	6 1/2	1,695.48	6 1/2	2,067.10	6 1/2	2,446.45	6 1/2	2,810.33	6 1/2	2,999.76
6 3/4	216.76	6 3/4	588.38	6 3/4	959.99	6 3/4	1,331.61	6 3/4	1,703.22	6 3/4	2,074.84	6 3/4	2,454.20	6 3/4	2,818.07	6 3/4	2,999.76
7	224.50	7	596.12	7	967.73	7	1,339.35	7	1,710.97	7	2,082.58	7	2,461.94	7	2,825.81	7	2,999.76
7 1/4	232.24	7 1/4	603.86	7 1/4	975.48	7 1/4	1,347.09	7 1/4	1,718.71	7 1/4	2,090.32	7 1/4	2,469.68	7 1/4	2,833.55	7 1/4	2,999.76
7 1/2	239.99	7 1/2	611.60	7 1/2	983.22	7 1/2	1,354.83	7 1/2	1,726.45	7 1/2	2,098.07	7 1/2	2,477.42	7 1/2	2,841.29	7 1/2	2,999.76
7 3/4	247.73	7 3/4	619.34	7 3/4	990.96	7 3/4	1,362.58	7 3/4	1,734.19	7 3/4	2,105.81	7 3/4	2,485.17	7 3/4	2,849.03	7 3/4	2,999.76
8	255.47	8	627.09	8	998.70	8	1,370.32	8	1,741.93	8	2,113.55	8	2,492.91	8	2,856.78	8	2,999.76
8 1/4	263.21	8 1/4	634.83	8 1/4	1,006.44	8 1/4	1,378.06	8 1/4	1,749.68	8 1/4	2,121.29	8 1/4	2,500.65	8 1/4	2,864.52	8 1/4	2,999.76
8 1/2	270.95	8 1/2	642.57	8 1/2	1,014.19	8 1/2	1,385.80	8 1/2	1,757.42	8 1/2	2,129.03	8 1/2	2,508.39	8 1/2	2,872.27	8 1/2	2,999.76
8 3/4	278.70	8 3/4	650.31	8 3/4	1,021.93	8 3/4	1,393.54	8 3/4	1,765.16	8 3/4	2,136.78	8 3/4	2,516.13	8 3/4	2,880.01	8 3/4	2,999.76
9	286.44	9	658.05	9	1,029.67	9	1,401.29	9	1,772.90	9	2,144.52	9	2,523.88	9	2,887.75	9	2,999.76
9 1/4	294.18	9 1/4	665.80	9 1/4	1,037.41	9 1/4	1,409.03	9 1/4	1,780.64	9 1/4	2,152.26	9 1/4	2,531.62	9 1/4	2,895.49	9 1/4	2,999.76
9 1/2	301.92	9 1/2	673.54	9 1/2	1,045.15	9 1/2	1,416.77	9 1/2	1,788.39	9 1/2	2,160.00	9 1/2	2,539.36	9 1/2	2,903.23	9 1/2	2,999.76
9 3/4	309.66	9 3/4	681.28	9 3/4	1,052.90	9 3/4	1,424.51	9 3/4	1,796.13	9 3/4	2,167.74	9 3/4	2,547.10	9 3/4	2,910.98	9 3/4	2,999.76
10	317.41	10	689.02	10	1,060.64	10	1,432.25	10	1,803.87	10	2,175.49	10	2,554.84	10	2,918.72	10	2,999.76
10 1/4	325.15	10 1/4	696.76	10 1/4	1,068.38	10 1/4	1,440.00	10 1/4	1,811.61	10 1/4	2,183.23	10 1/4	2,562.59	10 1/4	2,926.46	10 1/4	2,999.76
10 1/2	332.89	10 1/2	704.51	10 1/2	1,076.12	10 1/2	1,447.74	10 1/2	1,819.35	10 1/2	2,190.97	10 1/2	2,570.33	10 1/2	2,934.20	10 1/2	2,999.76
10 3/4	340.63	10 3/4	712.25	10 3/4	1,083.86	10 3/4	1,455.48	10 3/4	1,827.10	10 3/4	2,198.71	10 3/4	2,578.07	10 3/4	2,941.94	10 3/4	2,999.76
11	348.37	11	719.99	11	1,091.61	11	1,463.22	11	1,834.84	11	2,206.45	11	2,585.81	11	2,949.68	11	2,999.76
11 1/4	356.12	11 1/4	727.73	11 1/4	1,099.35	11 1/4	1,470.96	11 1/4	1,842.58	11 1/4	2,214.20	11 1/4	2,593.55	11 1/4	2,957.42	11 1/4	2,999.76
11 1/2	363.86	11 1/2	735.47	11 1/2	1,107.09	11 1/2	1,478.71	11 1/2	1,850.32	11 1/2	2,221.94	11 1/2	2,601.30	11 1/2	2,965.17	11 1/2	2,999.76
11 3/4	371.60	11 3/4	743.22	11 3/4	1,114.83	11 3/4	1,486.45	11 3/4	1,858.06	11 3/4	2,229.68	11 3/4	2,609.04	11 3/4	2,972.91	11 3/4	2,999.76

CAPACITY IN: 42-GALLON BARRELS
PIPE LOCATED NEAR GEOMETRICAL CENTER
OF TANK.REFERENCE PORT GAUGE HEIGHT: 14'-5 1/4" (RIM OF 2" DIAMETER SOUNDING
PIPE LOCATED NEAR GEOMETRICAL CENTER
OF TANK.)SOUNDING: 9/7/79
WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN
ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE
TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION

INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTC₀ 313"CENAC TOWING COMPANY
INNAGE TABLETANK NUMBER:
3 PORT

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

HULL NO. 4103

SHEET NO. 2 OF 2

8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		FEET		FEET	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	2,980.65	0	3,346.58	0	3,586.76	0	3,815.29	0	4,043.82	0	4,271.70	0	4,420.30	0	4,570.00	0	4,720.00
1/4	2,988.40	1/4	3,352.97	1/4	3,592.51	1/4	3,820.05	1/4	4,048.58	1/4	4,276.44	1/4	4,425.04	1/4	4,574.74	1/4	4,724.74
1/2	2,996.14	1/2	3,359.36	1/2	3,598.29	1/2	3,824.81	1/2	4,053.34	1/2	4,281.17	1/2	4,429.77	1/2	4,579.47	1/2	4,729.47
3/4	3,003.88	3/4	3,365.74	3/4	3,601.05	3/4	3,829.57	3/4	4,058.10	3/4	4,285.90	3/4	4,434.50	3/4	4,584.20	3/4	4,734.20
1	3,011.62	1	3,372.11	1	3,605.81	1	3,834.34	1	4,062.86	1	4,290.64	1	4,439.24	1	4,588.94	1	4,738.94
1 1/4	3,019.36	1 1/4	3,377.85	1 1/4	3,610.57	1 1/4	3,839.10	1 1/4	4,067.62	1 1/4	4,295.37	1 1/4	4,444.01	1 1/4	4,593.71	1 1/4	4,743.71
1 1/2	3,027.11	1 1/2	3,383.28	1 1/2	3,615.33	1 1/2	3,843.86	1 1/2	4,072.39	1 1/2	4,300.10	1 1/2	4,449.70	1 1/2	4,599.40	1 1/2	4,749.40
1 3/4	3,034.85	1 3/4	3,389.12	1 3/4	3,620.09	1 3/4	3,848.62	1 3/4	4,077.15	1 3/4	4,304.83	1 3/4	4,454.43	1 3/4	4,604.13	1 3/4	4,754.13
2	3,042.59	2	3,394.42	2	3,624.85	2	3,853.38	2	4,081.91	2	4,309.57	2	4,459.17	2	4,608.87	2	4,758.87
2 1/4	3,050.33	2 1/4	3,399.73	2 1/4	3,629.61	2 1/4	3,858.14	2 1/4	4,086.67	2 1/4	4,314.30	2 1/4	4,463.90	2 1/4	4,613.60	2 1/4	4,763.60
2 1/2	3,058.07	2 1/2	3,405.03	2 1/2	3,634.37	2 1/2	3,862.90	2 1/2	4,091.43	2 1/2	4,319.03	2 1/2	4,468.63	2 1/2	4,618.33	2 1/2	4,768.33
2 3/4	3,065.82	2 3/4	3,410.38	2 3/4	3,639.13	2 3/4	3,867.66	2 3/4	4,096.19	2 3/4	4,323.77	2 3/4	4,473.37	2 3/4	4,623.07	2 3/4	4,773.07
3	3,073.56	3	3,415.23	3	3,643.90	3	3,872.42	3	4,100.95	3	4,328.50	3	4,478.10	3	4,627.80	3	4,777.80
3 1/4	3,081.30	3 1/4	3,420.13	3 1/4	3,648.66	3 1/4	3,877.18	3 1/4	4,105.71	3 1/4	4,333.23	3 1/4	4,482.83	3 1/4	4,632.53	3 1/4	4,782.53
3 1/2	3,089.04	3 1/2	3,424.89	3 1/2	3,653.42	3 1/2	3,881.95	3 1/2	4,110.47	3 1/2	4,337.97	3 1/2	4,487.57	3 1/2	4,637.27	3 1/2	4,787.27
3 3/4	3,096.78	3 3/4	3,429.65	3 3/4	3,658.18	3 3/4	3,886.71	3 3/4	4,115.23	3 3/4	4,342.73	3 3/4	4,492.33	3 3/4	4,642.03	3 3/4	4,792.03
4	3,104.53	4	3,434.41	4	3,662.94	4	3,891.47	4	4,120.00	4	4,346.89	4	4,497.00	4	4,646.70	4	4,796.70
4 1/4	3,112.27	4 1/4	3,439.17	4 1/4	3,667.70	4 1/4	3,896.23	4 1/4	4,124.76	4 1/4	4,351.55	4 1/4	4,499.76	4 1/4	4,649.46	4 1/4	4,799.46
4 1/2	3,120.01	4 1/2	3,443.93	4 1/2	3,672.46	4 1/2	3,900.99	4 1/2	4,129.52	4 1/2	4,355.81	4 1/2	4,503.81	4 1/2	4,653.51	4 1/2	4,803.51
4 3/4	3,127.75	4 3/4	3,448.69	4 3/4	3,677.22	4 3/4	3,905.75	4 3/4	4,133.28	4 3/4	4,359.57	4 3/4	4,507.57	4 3/4	4,657.27	4 3/4	4,807.27
5	3,135.49	5	3,453.46	5	3,681.98	5	3,910.51	5	4,138.04	5	4,363.65	5	4,511.65	5	4,661.35	5	4,811.35
5 1/4	3,143.24	5 1/4	3,458.22	5 1/4	3,686.74	5 1/4	3,915.27	5 1/4	4,142.80	5 1/4	4,367.91	5 1/4	4,515.91	5 1/4	4,665.61	5 1/4	4,815.61
5 1/2	3,150.98	5 1/2	3,462.98	5 1/2	3,691.51	5 1/2	3,920.03	5 1/2	4,146.56	5 1/2	4,371.67	5 1/2	4,520.67	5 1/2	4,669.97	5 1/2	4,819.97
5 3/4	3,158.72	5 3/4	3,467.74	5 3/4	3,696.27	5 3/4	3,924.79	5 3/4	4,150.32	5 3/4	4,375.92	5 3/4	4,524.92	5 3/4	4,674.22	5 3/4	4,824.22
6	3,166.46	6	3,472.50	6	3,701.03	6	3,929.56	6	4,154.08	6	4,379.68	6	4,529.68	6	4,678.98	6	4,828.98
6 1/4	3,174.20	6 1/4	3,477.26	6 1/4	3,705.79	6 1/4	3,934.32	6 1/4	4,158.84	6 1/4	4,383.94	6 1/4	4,533.94	6 1/4	4,683.24	6 1/4	4,833.24
6 1/2	3,181.95	6 1/2	3,482.02	6 1/2	3,710.55	6 1/2	3,939.08	6 1/2	4,162.60	6 1/2	4,388.70	6 1/2	4,538.70	6 1/2	4,688.00	6 1/2	4,838.00
6 3/4	3,189.69	6 3/4	3,486.78	6 3/4	3,715.31	6 3/4	3,943.84	6 3/4	4,166.36	6 3/4	4,392.46	6 3/4	4,542.46	6 3/4	4,691.76	6 3/4	4,841.76
7	3,197.43	7	3,491.54	7	3,720.07	7	3,948.60	7	4,170.12	7	4,396.22	7	4,546.22	7	4,695.52	7	4,845.52
7 1/4	3,205.17	7 1/4	3,496.30	7 1/4	3,724.83	7 1/4	3,953.36	7 1/4	4,174.88	7 1/4	4,400.98	7 1/4	4,550.98	7 1/4	4,699.28	7 1/4	4,849.28
7 1/2	3,212.91	7 1/2	3,501.07	7 1/2	3,729.59	7 1/2	3,958.12	7 1/2	4,178.64	7 1/2	4,405.74	7 1/2	4,555.74	7 1/2	4,700.04	7 1/2	4,850.04
7 3/4	3,220.65	7 3/4	3,505.83	7 3/4	3,734.35	7 3/4	3,962.88	7 3/4	4,182.40	7 3/4	4,410.50	7 3/4	4,560.50	7 3/4	4,704.80	7 3/4	4,854.80
8	3,228.40	8	3,510.59	8	3,739.12	8	3,967.64	8	4,186.16	8	4,415.26	8	4,565.26	8	4,709.56	8	4,859.56
8 1/4	3,236.14	8 1/4	3,515.35	8 1/4	3,743.88	8 1/4	3,972.40	8 1/4	4,190.92	8 1/4	4,420.02	8 1/4	4,570.02	8 1/4	4,713.32	8 1/4	4,863.32
8 1/2	3,243.88	8 1/2	3,520.11	8 1/2	3,748.64	8 1/2	3,977.17	8 1/2	4,194.68	8 1/2	4,424.78	8 1/2	4,574.78	8 1/2	4,717.08	8 1/2	4,867.08
8 3/4	3,251.62	8 3/4	3,524.87	8 3/4	3,753.40	8 3/4	3,981.93	8 3/4	4,200.44	8 3/4	4,429.54	8 3/4	4,579.54	8 3/4	4,722.84	8 3/4	4,871.84
9	3,259.37	9	3,529.63	9	3,758.16	9	3,986.69	9	4,204.20	9	4,433.30	9	4,583.30	9	4,727.60	9	4,876.60
9 1/4	3,267.11	9 1/4	3,534.39	9 1/4	3,762.92	9 1/4	3,991.45	9 1/4	4,208.96	9 1/4	4,438.06	9 1/4	4,588.06	9 1/4	4,732.36	9 1/4	4,881.36
9 1/2	3,274.85	9 1/2	3,539.15	9 1/2	3,767.68	9 1/2	3,996.21	9 1/2	4,212.72	9 1/2	4,442.82	9 1/2	4,592.82	9 1/2	4,736.12	9 1/2	4,885.12
9 3/4	3,282.59	9 3/4	3,543.91	9 3/4	3,772.44	9 3/4	4,000.97	9 3/4	4,216.48	9 3/4	4,447.58	9 3/4	4,596.58	9 3/4	4,740.88	9 3/4	4,889.88
10	3,290.33	10	3,548.68	10	3,777.20	10	4,005.73	10	4,220.24	10	4,451.34	10	4,600.34	10	4,744.64	10	4,893.64
10 1/4	3,298.07	10 1/4	3,553.44	10 1/4	3,781.96	10 1/4	4,010.49	10 1/4	4,224.00	10 1/4	4,455.10	10 1/4	4,604.10	10 1/4	4,748.40	10 1/4	4,897.40
10 1/2	3,305.81	10 1/2	3,558.20	10 1/2	3,786.73	10 1/2	4,015.25	10 1/2	4,227.76	10 1/2	4,459.86	10 1/2	4,608.86	10 1/2	4,752.16	10 1/2	4,901.16
10 3/4	3,313.55	10 3/4	3,562.96	10 3/4	3,791.49	10 3/4	4,020.01	10 3/4	4,231.52	10 3/4	4,463.62	10 3/4	4,612.62	10 3/4	4,756.92	10 3/4	4,905.92
11	3,321.29	11	3,567.72	11	3,796.25	11	4,024.78	11	4,235.28	11	4,467.38	11	4,616.38	11	4,760.68	11	4,909.68
11 1/4	3,329.03	11 1/4	3,572.48	11 1/4	3,801.01	11 1/4	4,029.54	11 1/4	4,239.04	11 1/4	4,471.14	11 1/4	4,620.14	11 1/4	4,764.44	11 1/4	4,913.44
11 1/2	3,336.77	11 1/2	3,577.24	11 1/2	3,805.77	11 1/2	4,034.30	11 1/2	4,242.80	11 1/2	4,474.89	11 1/2	4,623.89	11 1/2	4,768.19	11 1/2	4,917.19
11 3/4	3,344.51	11 3/4	3,582.00	11 3/4	3,810.53	11 3/4	4,039.06	11 3/4	4,246.56	11 3/4	4,478.64	11 3/4	4,628.64	11 3/4	4,772.94	11 3/4	4,921.94

CAPACITY IN 42-GALLON BARRELS

REFERENCE POINT GAUGE HEIGHT: 14'-5 1/4" (RUM OF 2" DIAMETER SOUNDING
PIPE LOCATED NEAR GEOMETRICAL CENTER
OF TANK.)

STRAPPED 9/7/95

INSPECTORATE AMERICA CORPORATION



BARGE "CTCo-313" CENAC TOWING COMPANY

OUTAGE TABLE

1 PORT

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

HULL NO. 4163

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BARGE "CTCo-313" **CENAC TOWING COMPANY**

OUTAGE TABLE

1 STAR

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

HULL NO. 4163

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.
0	0	5,016.97	0	4,756.52	0	4,389.95	0	4,022.85	0	3,655.74	0	3,288.64	0	2,921.54	0	2,554.43
1/4	1/4	5,015.91	1/4	4,748.90	1/4	4,382.30	1/4	4,015.20	1/4	3,648.10	1/4	3,280.99	1/4	2,913.89	1/4	2,546.78
1/2	1/2	5,014.85	1/2	4,741.27	1/2	4,374.66	1/2	4,007.55	1/2	3,640.45	1/2	3,273.34	1/2	2,906.24	1/2	2,539.14
3/4	3/4	5,013.78	3/4	4,733.65	3/4	4,367.01	3/4	3,999.90	3/4	3,632.80	3/4	3,265.70	3/4	2,898.59	3/4	2,531.49
1	1	5,011.84	1	4,726.03	1	4,359.36	1	3,992.26	1	3,625.15	1	3,258.05	1	2,890.94	1	2,523.84
1/4	1/4	5,009.91	1/4	4,718.41	1/4	4,351.71	1/4	3,984.61	1/4	3,617.50	1/4	3,250.40	1/4	2,883.30	1/4	2,516.19
1/2	1/2	5,007.97	1/2	4,710.79	1/2	4,344.06	1/2	3,976.96	1/2	3,609.86	1/2	3,242.75	1/2	2,875.65	1/2	2,508.54
3/4	3/4	5,006.03	3/4	4,703.17	3/4	4,336.42	3/4	3,969.31	3/4	3,602.21	3/4	3,235.10	3/4	2,868.00	3/4	2,500.90
2	2	5,003.22	2	4,695.55	2	4,328.77	2	3,961.66	2	3,594.56	2	3,227.46	2	2,860.35	2	2,493.25
1/4	1/4	5,000.41	1/4	4,687.93	1/4	4,321.12	1/4	3,954.02	1/4	3,586.91	1/4	3,219.81	1/4	2,852.70	1/4	2,485.60
1/2	1/2	4,997.59	1/2	4,680.31	1/2	4,313.47	1/2	3,946.37	1/2	3,579.26	1/2	3,212.16	1/2	2,845.06	1/2	2,477.95
3/4	3/4	4,994.78	3/4	4,672.69	3/4	4,305.82	3/4	3,938.72	3/4	3,571.62	3/4	3,204.51	3/4	2,837.41	3/4	2,470.30
3	3	4,991.10	3	4,665.06	3	4,298.18	3	3,931.07	3	3,563.97	3	3,196.86	3	2,829.76	3	2,462.66
1/4	1/4	4,987.41	1/4	4,657.44	1/4	4,290.53	1/4	3,923.42	1/4	3,556.32	1/4	3,189.22	1/4	2,822.11	1/4	2,455.01
1/2	1/2	4,983.72	1/2	4,649.82	1/2	4,282.88	1/2	3,915.78	1/2	3,548.67	1/2	3,181.57	1/2	2,814.46	1/2	2,447.36
3/4	3/4	4,980.04	3/4	4,642.20	3/4	4,275.23	3/4	3,908.13	3/4	3,541.02	3/4	3,173.92	3/4	2,806.82	3/4	2,439.31
4	4	4,975.48	4	4,634.58	4	4,267.58	4	3,900.48	4	3,533.38	4	3,166.27	4	2,799.17	4	2,432.06
1/4	1/4	4,970.92	1/4	4,626.96	1/4	4,259.94	1/4	3,892.83	1/4	3,525.73	1/4	3,158.62	1/4	2,791.52	1/4	2,424.42
1/2	1/2	4,966.35	1/2	4,619.34	1/2	4,252.29	1/2	3,885.18	1/2	3,518.08	1/2	3,150.98	1/2	2,783.87	1/2	2,416.77
3/4	3/4	4,961.79	3/4	4,611.72	3/4	4,244.64	3/4	3,877.54	3/4	3,510.43	3/4	3,143.33	3/4	2,776.22	3/4	2,409.12
5	5	4,956.36	5	4,604.10	5	4,236.99	5	3,869.89	5	3,502.78	5	3,135.68	5	2,401.47	5	2,034.37
1/4	1/4	4,950.92	1/4	4,596.45	1/4	4,229.34	1/4	3,862.24	1/4	3,495.14	1/4	3,128.03	1/4	2,760.93	1/4	2,393.82
1/2	1/2	4,945.49	1/2	4,588.80	1/2	4,221.70	1/2	3,854.59	1/2	3,487.49	1/2	3,120.38	1/2	2,753.28	1/2	2,386.18
3/4	3/4	4,940.05	3/4	4,581.15	3/4	4,214.05	3/4	3,846.94	3/4	3,479.84	3/4	3,112.74	3/4	2,745.63	3/4	2,378.53
6	6	4,933.74	6	4,573.50	6	4,206.40	6	3,839.30	6	3,472.19	6	3,105.09	6	2,737.98	6	2,370.88
1/4	1/4	4,927.43	1/4	4,565.86	1/4	4,198.75	1/4	3,831.65	1/4	3,464.54	1/4	3,097.44	1/4	2,730.34	1/4	2,363.23
1/2	1/2	4,921.12	1/2	4,558.21	1/2	4,191.10	1/2	3,824.00	1/2	3,456.90	1/2	3,089.79	1/2	2,722.69	1/2	2,355.58
3/4	3/4	4,914.81	3/4	4,550.56	3/4	4,183.46	3/4	3,816.35	3/4	3,448.25	3/4	3,082.14	3/4	2,715.04	3/4	2,347.94
7	7	4,907.63	7	4,542.91	7	4,175.81	7	3,808.70	7	3,441.60	7	3,074.50	7	2,707.39	7	2,340.29
1/4	1/4	4,900.44	1/4	4,535.26	1/4	4,168.16	1/4	3,801.06	1/4	3,433.95	1/4	3,066.85	1/4	2,699.74	1/4	2,332.64
1/2	1/2	4,893.26	1/2	4,527.62	1/2	4,160.51	1/2	3,793.41	1/2	3,426.30	1/2	3,059.20	1/2	2,692.10	1/2	2,324.99
3/4	3/4	4,886.07	3/4	4,519.97	3/4	4,152.86	3/4	3,785.76	3/4	3,418.66	3/4	3,051.55	3/4	2,684.45	3/4	2,317.34
8	8	4,878.45	8	4,512.32	8	4,145.22	8	3,778.11	8	3,411.01	8	3,043.90	8	2,676.80	8	2,309.70
1/4	1/4	4,870.83	1/4	4,504.67	1/4	4,137.57	1/4	3,770.46	1/4	3,403.36	1/4	3,036.26	1/4	2,669.15	1/4	2,302.05
1/2	1/2	4,863.21	1/2	4,497.02	1/2	4,129.92	1/2	3,762.82	1/2	3,395.71	1/2	3,028.61	1/2	2,661.50	1/2	2,294.40
3/4	3/4	4,855.59	3/4	4,489.38	3/4	4,122.27	3/4	3,755.17	3/4	3,388.06	3/4	3,020.96	3/4	2,653.86	3/4	2,286.75
9	9	4,847.97	9	4,481.73	9	4,114.62	9	3,747.52	9	3,380.42	9	3,013.31	9	2,646.21	9	2,279.10
1/4	1/4	4,840.35	1/4	4,474.08	1/4	4,106.98	1/4	3,739.87	1/4	3,372.77	1/4	3,005.66	1/4	2,638.56	1/4	2,271.46
1/2	1/2	4,832.73	1/2	4,466.43	1/2	4,099.33	1/2	3,732.22	1/2	3,365.12	1/2	2,998.02	1/2	2,630.91	1/2	2,263.81
3/4	3/4	4,825.11	3/4	4,458.78	3/4	4,091.68	3/4	3,724.58	3/4	3,357.47	3/4	2,990.37	3/4	2,623.26	3/4	2,256.16
10	10	4,817.48	10	4,451.14	10	4,084.03	10	3,716.93	10	3,349.82	10	2,982.72	10	2,615.62	10	2,248.51
1/4	1/4	4,809.86	1/4	4,443.49	1/4	4,076.38	1/4	3,709.28	1/4	3,342.18	1/4	2,975.07	1/4	2,607.97	1/4	2,240.86
1/2	1/2	4,802.24	1/2	4,435.84	1/2	4,068.74	1/2	3,701.63	1/2	3,334.53	1/2	2,967.42	1/2	2,600.32	1/2	2,233.22
3/4	3/4	4,794.62	3/4	4,428.19	3/4	4,061.09	3/4	3,693.98	3/4	3,326.88	3/4	2,959.78	3/4	2,592.67	3/4	2,225.57
11	11	5,018.75	11	4,787.00	11	4,420.54	11	4,053.44	11	3,686.34	11	3,319.23	11	2,952.13	11	2,585.02
1/4	1/4	5,018.51	1/4	4,779.38	1/4	4,412.90	1/4	4,045.79	1/4	3,678.69	1/4	3,311.58	1/4	2,944.48	1/4	2,577.38
1/2	1/2	5,018.27	1/2	4,771.76	1/2	4,405.25	1/2	4,038.14	1/2	3,671.04	1/2	3,303.94	1/2	2,936.83	1/2	2,569.73
3/4	3/4	5,018.04	3/4	4,764.14	3/4	4,397.60	3/4	4,030.50	3/4	3,663.39	3/4	3,296.29	3/4	2,929.18	3/4	2,562.08

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 9/7/95

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT: 15'-0" (TO RIM OF 2" DIAMETER BALL VALVE LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

INSPECTORATE AMERICA CORPORATION



BARGE "CTCo-313" **CENAC TOWING COMPANY**

OUTAGE TABLE

2 PORT OR STAR

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

HULL NO. 4163

	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	5,075.16	0	4,818.35	0	4,447.64	0	4,076.36	0	3,705.08	0	3,333.80	0	2,962.52	0	2,591.24	0	2,219.96	0	1,848.68	0	1,477.40	0	1,106.12	0	734.84	0	363.56
1/4	1/4	5,074.09	1/4	4,810.64	1/4	4,439.90	1/4	4,068.62	1/4	3,697.34	1/4	3,326.06	1/4	2,954.78	1/4	2,583.50	1/4	2,212.22	1/4	1,840.94	1/4	1,469.66	1/4	1,098.38	1/4	727.10	1/4	355.82
1/2	1/2	5,073.01	1/2	4,802.93	1/2	4,432.17	1/2	4,060.89	1/2	3,689.61	1/2	3,318.33	1/2	2,947.05	1/2	2,575.77	1/2	2,204.49	1/2	1,833.21	1/2	1,461.93	1/2	1,090.65	1/2	719.37	1/2	348.09
3/4	3/4	5,071.93	3/4	4,795.23	3/4	4,424.43	3/4	4,053.15	3/4	3,681.87	3/4	3,310.59	3/4	2,939.31	3/4	2,568.03	3/4	2,196.75	3/4	1,825.47	3/4	1,454.19	3/4	1,082.91	3/4	711.63	3/4	340.35
1	1	5,070.85	1	4,787.52	1	4,416.70	1	4,045.42	1	3,674.14	1	3,302.86	1	2,931.58	1	2,560.30	1	2,189.02	1	1,817.74	1	1,446.46	1	1,075.18	1	703.90	1	332.62
1/4	1/4	5,068.89	1/4	4,779.81	1/4	4,408.96	1/4	4,037.68	1/4	3,666.40	1/4	3,295.12	1/4	2,923.84	1/4	2,552.56	1/4	2,181.28	1/4	1,810.00	1/4	1,438.72	1/4	1,067.44	1/4	696.16	1/4	324.88
1/2	1/2	5,066.93	1/2	4,772.10	1/2	4,401.23	1/2	4,029.95	1/2	3,658.67	1/2	3,287.39	1/2	2,916.11	1/2	2,544.83	1/2	2,173.55	1/2	1,802.27	1/2	1,430.99	1/2	1,059.71	1/2	688.43	1/2	317.15
3/4	3/4	5,064.97	3/4	4,764.39	3/4	4,393.49	3/4	4,022.21	3/4	3,650.93	3/4	3,279.65	3/4	2,908.37	3/4	2,537.09	3/4	2,165.81	3/4	1,794.53	3/4	1,423.25	3/4	1,051.97	3/4	680.69	3/4	309.41
2	2	5,063.01	2	4,756.69	2	4,385.76	2	4,014.48	2	3,643.20	2	3,271.92	2	2,900.64	2	2,529.36	2	2,158.08	2	1,786.80	2	1,415.52	2	1,044.24	2	672.96	2	301.68
1/4	1/4	5,060.17	1/4	4,748.98	1/4	4,378.02	1/4	4,006.74	1/4	3,635.46	1/4	3,264.18	1/4	2,892.90	1/4	2,521.62	1/4	2,150.34	1/4	1,779.06	1/4	1,407.78	1/4	1,036.50	1/4	665.22	1/4	293.94
1/2	1/2	5,057.32	1/2	4,741.27	1/2	4,370.29	1/2	3,999.01	1/2	3,627.73	1/2	3,256.45	1/2	2,885.17	1/2	2,513.89	1/2	2,142.61	1/2	1,771.33	1/2	1,400.05	1/2	1,028.77	1/2	657.49	1/2	286.21
3/4	3/4	5,054.48	3/4	4,733.56	3/4	4,362.55	3/4	3,991.27	3/4	3,619.99	3/4	3,248.71	3/4	2,877.43	3/4	2,506.15	3/4	2,134.87	3/4	1,763.59	3/4	1,392.31	3/4	1,021.03	3/4	649.75	3/4	278.47
3	3	5,051.63	3	4,725.85	3	4,354.82	3	3,983.54	3	3,612.26	3	3,240.98	3	2,869.70	3	2,498.42	3	2,127.14	3	1,755.86	3	1,384.58	3	1,013.30	3	642.02	3	270.74
1/4	1/4	5,047.91	1/4	4,718.15	1/4	4,347.08	1/4	3,975.80	1/4	3,604.52	1/4	3,233.24	1/4	2,861.96	1/4	2,490.68	1/4	2,119.40	1/4	1,748.12	1/4	1,376.84	1/4	1,005.56	1/4	634.28	1/4	263.00
1/2	1/2	5,044.18	1/2	4,710.44	1/2	4,339.35	1/2	3,968.07	1/2	3,596.79	1/2	3,225.51	1/2	2,854.23	1/2	2,482.95	1/2	2,111.67	1/2	1,740.39	1/2	1,369.11	1/2	997.83	1/2	626.55	1/2	255.27
3/4	3/4	5,040.45	3/4	4,702.73	3/4	4,331.61	3/4	3,960.33	3/4	3,589.05	3/4	3,217.77	3/4	2,846.49	3/4	2,475.21	3/4	2,103.93	3/4	1,732.65	3/4	1,361.37	3/4	990.09	3/4	618.81	3/4	247.53
4	4	5,036.72	4	4,695.02	4	4,323.88	4	3,952.60	4	3,581.32	4	3,210.04	4	2,838.76	4	2,467.48	4	2,096.20	4	1,724.92	4	1,353.64	4	982.36	4	611.08	4	239.80
1/4	1/4	5,032.10	1/4	4,687.31	1/4	4,316.14	1/4	3,944.86	1/4	3,573.58	1/4	3,202.30	1/4	2,831.02	1/4	2,459.74	1/4	2,088.46	1/4	1,717.18	1/4	1,345.90	1/4	974.62	1/4	603.34	1/4	232.06
1/2	1/2	5,027.49	1/2	4,679.61	1/2	4,308.41	1/2	3,937.13	1/2	3,565.85	1/2	3,194.57	1/2	2,823.29	1/2	2,452.01	1/2	2,080.73	1/2	1,709.45	1/2	1,338.17	1/2	966.89	1/2	595.61	1/2	224.33
3/4	3/4	5,022.88	3/4	4,671.90	3/4	4,300.67	3/4	3,929.39	3/4	3,558.11	3/4	3,186.83	3/4	2,815.55	3/4	2,444.27	3/4	2,072.99	3/4	1,701.71	3/4	1,330.43	3/4	959.15	3/4	587.87	3/4	216.59
5	5	5,018.26	5	4,664.19	5	4,292.94	5	3,921.66	5	3,550.38	5	3,179.10	5	2,807.82	5	2,436.54	5	2,065.26	5	1,693.98	5	1,322.70	5	951.42	5	580.14	5	208.86
1/4	1/4	5,012.77	1/4	4,656.48	1/4	4,285.20	1/4	3,913.92	1/4	3,542.64	1/4	3,171.36	1/4	2,800.08	1/4	2,428.80	1/4	2,057.52	1/4	1,686.24	1/4	1,314.96	1/4	943.68	1/4	572.40	1/4	201.12
1/2	1/2	5,007.27	1/2	4,648.75	1/2	4,277.47	1/2	3,906.19	1/2	3,534.91	1/2	3,163.63	1/2	2,792.35	1/2	2,421.07	1/2	2,049.79	1/2	1,678.51	1/2	1,307.23	1/2	935.95	1/2	564.67	1/2	193.39
3/4	3/4	5,001.77	3/4	4,641.01	3/4	4,269.73	3/4	3,898.45	3/4	3,527.17	3/4	3,155.89	3/4	2,784.61	3/4	2,413.33	3/4	2,042.05	3/4	1,670.77	3/4	1,299.49	3/4	928.21	3/4	556.93	3/4	185.65
6	6	4,996.27	6	4,633.28	6	4,262.00	6	3,890.72	6	3,519.44	6	3,148.16	6	2,776.88	6	2,405.60	6	2,034.32	6	1,663.04	6	1,291.76	6	920.48	6	549.20	6	177.92
1/4	1/4	4,989.89	1/4	4,625.54	1/4	4,254.26	1/4	3,882.98	1/4	3,511.70	1/4	3,140.42	1/4	2,769.14	1/4	2,397.86	1/4	2,026.58	1/4	1,655.30	1/4	1,284.02	1/4	912.74	1/4	541.46	1/4	170.18
1/2	1/2	4,983.51	1/2	4,617.81	1/2	4,246.53	1/2	3,875.25	1/2	3,503.97	1/2	3,132.69	1/2	2,761.41	1/2	2,390.13	1/2	2,018.85	1/2	1,647.57	1/2	1,276.29	1/2	905.01	1/2	533.73	1/2	162.45
3/4	3/4	4,977.13	3/4	4,610.07	3/4	4,238.79	3/4	3,867.51	3/4	3,496.23	3/4	3,124.95	3/4	2,753.67	3/4	2,382.39	3/4	2,011.11	3/4	1,639.83	3/4	1,268.55	3/4	897.27	3/4	525.99	3/4	154.71
7	7	4,970.75	7	4,602.34	7	4,231.06	7	3,859.78	7	3,488.50	7	3,117.22	7	2,745.94	7	2,374.66	7	2,003.38	7	1,632.10	7	1,260.82	7	889.54	7	518.26	7	146.98
1/4	1/4	4,963.48	1/4	4,594.60	1/4	4,223.32	1/4	3,852.04	1/4	3,480.76	1/4	3,109.48	1/4	2,738.20	1/4	2,366.92	1/4	1,995.64	1/4	1,624.36	1/4	1,253.08	1/4	881.80	1/4	510.52	1/4	139.24
1/2	1/2	4,956.21	1/2	4,586.87	1/2	4,215.59	1/2	3,844.31	1/2	3,473.03	1/2	3,101.75	1/2	2,730.47	1/2	2,359.19	1/2	1,987.91	1/2	1,616.63	1/2	1,245.35	1/2	874.07	1/2	502.79	1/2	131.51
3/4	3/4	4,948.95	3/4	4,579.13	3/4	4,207.85	3/4	3,836.57	3/4	3,465.29	3/4	3,094.01	3/4	2,722.73	3/4	2,351.45	3/4	1,980.17	3/4	1,608.89	3/4	1,237.61	3/4	866.33	3/4	495.05	3/4	123.77
8	8	4,941.68	8	4,571.40	8	4,200.12	8	3,828.84	8	3,457.56	8	3,086.28	8	2,715.00	8	2,343.72	8	1,972.44	8	1,601.16	8	1,229.88	8	858.60	8	487.32	8	116.04
1/4	1/4	4,933.97	1/4	4,563.66	1/4	4,192.38	1/4	3,821.10	1/4	3,449.82	1/4	3,078.54	1/4	2,707.26	1/4	2,335.98	1/4	1,964.70	1/4	1,593.42	1/4	1,222.14	1/4	850.86	1/4	479.58	1/4	108.30
1/2	1/2	4,926.26	1/2	4,555.93	1/2	4,184.65																						



BARGE "CTCo-313" **CENAC TOWING COMPANY**

OUTAGE TABLE

3 PORT

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

HULL NO. 4163

		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	4,419.25	0	4,257.50	0	4,029.54	0	3,801.01	0	3,572.48	0	3,326.34	0	2,957.43	0	2,585.81	0	2,214.20	0	1,842.58	0	1,470.96	0	1,099.35	0	727.73	0	356.12
1/4	1/4	4,418.56	1/4	4,252.77	1/4	4,024.77	1/4	3,796.25	1/4	3,567.72	1/4	3,319.41	1/4	2,949.69	1/4	2,578.07	1/4	2,206.45	1/4	1,834.84	1/4	1,463.22	1/4	1,091.61	1/4	719.99	1/4	348.37
1/2	1/2	4,417.87	1/2	4,248.04	1/2	4,020.01	1/2	3,791.49	1/2	3,562.96	1/2	3,312.48	1/2	2,941.94	1/2	2,570.33	1/2	2,198.71	1/2	1,827.10	1/2	1,455.48	1/2	1,083.86	1/2	712.25	1/2	340.63
3/4	3/4	4,417.17	3/4	4,243.31	3/4	4,015.25	3/4	3,786.72	3/4	3,558.20	3/4	3,305.00	3/4	2,934.20	3/4	2,562.59	3/4	2,190.97	3/4	1,819.35	3/4	1,447.74	3/4	1,076.12	3/4	704.51	3/4	332.89
1	1	4,415.98	1	4,238.57	1	4,010.49	1	3,781.96	1	3,553.44	1	3,297.53	1	2,926.46	1	2,554.84	1	2,183.23	1	1,811.61	1	1,440.00	1	1,068.38	1	696.76	1	325.15
1/4	1/4	4,414.78	1/4	4,233.84	1/4	4,005.73	1/4	3,777.20	1/4	3,548.67	1/4	3,290.06	1/4	2,918.72	1/4	2,547.10	1/4	2,175.49	1/4	1,803.87	1/4	1,432.25	1/4	1,060.64	1/4	689.02	1/4	317.41
1/2	1/2	4,413.59	1/2	4,229.11	1/2	4,000.97	1/2	3,772.44	1/2	3,543.91	1/2	3,282.59	1/2	2,910.98	1/2	2,539.36	1/2	2,167.74	1/2	1,796.13	1/2	1,424.51	1/2	1,052.90	1/2	681.28	1/2	309.66
3/4	3/4	4,412.39	3/4	4,224.37	3/4	3,996.21	3/4	3,767.68	3/4	3,539.15	3/4	3,274.85	3/4	2,903.23	3/4	2,531.62	3/4	2,160.00	3/4	1,788.39	3/4	1,416.77	3/4	1,045.15	3/4	673.54	3/4	301.92
2	2	4,410.65	2	4,219.64	2	3,991.45	2	3,762.92	2	3,534.39	2	3,267.11	2	2,895.49	2	2,523.88	2	2,152.26	2	1,780.64	2	1,409.03	2	1,037.41	2	665.80	2	294.18
1/4	1/4	4,408.91	1/4	4,214.91	1/4	3,986.69	1/4	3,758.16	1/4	3,529.63	1/4	3,259.37	1/4	2,887.75	1/4	2,516.13	1/4	2,144.52	1/4	1,772.90	1/4	1,401.29	1/4	1,029.67	1/4	658.05	1/4	286.44
1/2	1/2	4,407.17	1/2	4,210.17	1/2	3,981.93	1/2	3,753.40	1/2	3,524.87	1/2	3,251.62	1/2	2,880.01	1/2	2,508.39	1/2	2,136.78	1/2	1,765.16	1/2	1,393.54	1/2	1,021.93	1/2	650.31	1/2	278.70
3/4	3/4	4,405.43	3/4	4,205.44	3/4	3,977.16	3/4	3,748.64	3/4	3,520.11	3/4	3,243.88	3/4	2,872.27	3/4	2,500.65	3/4	2,129.03	3/4	1,757.42	3/4	1,385.80	3/4	1,014.19	3/4	642.57	3/4	270.95
3	3	4,403.14	3	4,200.71	3	3,972.40	3	3,743.88	3	3,515.35	3	3,236.14	3	2,864.52	3	2,492.91	3	2,121.29	3	1,749.68	3	1,378.06	3	1,006.44	3	634.83	3	263.21
1/4	1/4	4,400.86	1/4	4,195.97	1/4	3,967.64	1/4	3,739.11	1/4	3,510.59	1/4	3,228.40	1/4	2,856.78	1/4	2,485.17	1/4	2,113.55	1/4	1,741.93	1/4	1,370.32	1/4	998.70	1/4	627.09	1/4	255.47
1/2	1/2	4,398.57	1/2	4,191.24	1/2	3,962.88	1/2	3,734.35	1/2	3,505.83	1/2	3,220.66	1/2	2,849.04	1/2	2,477.42	1/2	2,105.81	1/2	1,734.19	1/2	1,362.58	1/2	990.96	1/2	619.34	1/2	247.73
3/4	3/4	4,396.29	3/4	4,186.51	3/4	3,958.12	3/4	3,729.59	3/4	3,501.06	3/4	3,212.91	3/4	2,841.30	3/4	2,469.68	3/4	2,098.07	3/4	1,726.45	3/4	1,354.83	3/4	983.22	3/4	611.60	3/4	239.99
4	4	4,393.46	4	4,181.78	4	3,953.36	4	3,724.83	4	3,496.30	4	3,205.17	4	2,833.56	4	2,461.94	4	2,090.32	4	1,718.71	4	1,347.09	4	975.48	4	603.86	4	232.24
1/4	1/4	4,390.63	1/4	4,177.04	1/4	3,948.60	1/4	3,720.07	1/4	3,491.54	1/4	3,197.43	1/4	2,825.81	1/4	2,454.20	1/4	2,082.58	1/4	1,710.97	1/4	1,339.35	1/4	967.73	1/4	596.12	1/4	224.50
1/2	1/2	4,387.80	1/2	4,172.31	1/2	3,943.84	1/2	3,715.31	1/2	3,486.78	1/2	3,189.69	1/2	2,818.07	1/2	2,446.46	1/2	2,074.84	1/2	1,703.22	1/2	1,331.61	1/2	959.99	1/2	588.38	1/2	216.76
3/4	3/4	4,384.97	3/4	4,167.58	3/4	3,939.08	3/4	3,710.55	3/4	3,482.02	3/4	3,181.95	3/4	2,810.33	3/4	2,438.71	3/4	2,067.10	3/4	1,695.48	3/4	1,323.87	3/4	952.25	3/4	580.63	3/4	209.02
5	5	4,381.60	5	4,162.84	5	3,934.32	5	3,705.79	5	3,477.26	5	3,174.20	5	2,802.59	5	2,430.97	5	2,059.36	5	1,687.74	5	1,316.12	5	944.51	5	572.89	5	201.28
1/4	1/4	4,378.23	1/4	4,158.08	1/4	3,929.55	1/4	3,701.03	1/4	3,472.50	1/4	3,166.46	1/4	2,794.85	1/4	2,423.23	1/4	2,051.61	1/4	1,680.00	1/4	1,308.38	1/4	936.77	1/4	565.15	1/4	193.53
1/2	1/2	4,374.85	1/2	4,153.32	1/2	3,924.79	1/2	3,696.27	1/2	3,467.74	1/2	3,158.72	1/2	2,787.40	1/2	2,415.49	1/2	2,043.87	1/2	1,672.26	1/2	1,300.64	1/2	929.02	1/2	557.41	1/2	185.79
3/4	3/4	4,371.48	3/4	4,148.56	3/4	3,920.03	3/4	3,691.50	3/4	3,462.98	3/4	3,150.98	3/4	2,779.36	3/4	2,407.75	3/4	2,036.13	3/4	1,664.51	3/4	1,292.90	3/4	921.28	3/4	549.67	3/4	178.05
6	6	4,367.56	6	4,143.80	6	3,915.27	6	3,686.74	6	3,458.22	6	3,143.24	6	2,771.62	6	2,400.00	6	2,028.39	6	1,656.77	6	1,285.16	6	913.54	6	541.92	6	170.31
1/4	1/4	4,363.65	1/4	4,139.04	1/4	3,910.51	1/4	3,681.98	1/4	3,453.45	1/4	3,135.49	1/4	2,763.88	1/4	2,392.26	1/4	2,020.65	1/4	1,649.03	1/4	1,277.41	1/4	905.80	1/4	534.18	1/4	162.57
1/2	1/2	4,359.73	1/2	4,134.28	1/2	3,905.75	1/2	3,677.22	1/2	3,448.69	1/2	3,127.75	1/2	2,756.14	1/2	2,384.52	1/2	2,012.90	1/2	1,641.29	1/2	1,269.67	1/2	898.06	1/2	526.44	1/2	154.82
3/4	3/4	4,355.81	3/4	4,129.52	3/4	3,900.99	3/4	3,672.46	3/4	3,443.93	3/4	3,120.01	3/4	2,748.39	3/4	2,376.78	3/4	2,005.16	3/4	1,633.55	3/4	1,261.93	3/4	890.31	3/4	518.70	3/4	147.08
7	7	4,351.35	7	4,124.76	7	3,896.23	7	3,667.70	7	3,439.17	7	3,112.27	7	2,740.65	7	2,369.04	7	1,997.42	7	1,625.80	7	1,254.19	7	882.57	7	510.96	7	139.34
1/4	1/4	4,346.89	1/4	4,119.99	1/4	3,891.47	1/4	3,662.94	1/4	3,434.41	1/4	3,104.53	1/4	2,732.91	1/4	2,361.29	1/4	1,989.68	1/4	1,618.06	1/4	1,246.45	1/4	874.83	1/4	503.21	1/4	131.60
1/2	1/2	4,342.43	1/2	4,115.23	1/2	3,886.71	1/2	3,658.18	1/2	3,429.65	1/2	3,096.78	1/2	2,725.17	1/2	2,353.55	1/2	1,981.94	1/2	1,610.32	1/2	1,238.70	1/2	867.09	1/2	495.47	1/2	123.86
3/4	3/4	4,337.97	3/4	4,110.47	3/4	3,881.94	3/4	3,653.42	3/4	3,424.89	3/4	3,089.04	3/4	2,717.43	3/4	2,345.81	3/4	1,974.19	3/4	1,602.58	3/4	1,230.96	3/4	859.35	3/4	487.73	3/4	116.11
8	8	4,333.23	8	4,105.71	8	3,877.18	8	3,648.66	8	3,420.13	8	3,081.30	8	2,709.68	8	2,338.07	8	1,966.45	8	1,594.84	8	1,223.22	8	851.60	8	479.99	8	108.37
1/4	1/4	4,328.50	1/4	4,100.95	1/4	3,872.42	1/4	3,643.89	1/4	3,415.23	1/4	3,073.56	1/4	2,701.94	1/4	2,330.33	1/4	1,958.71	1/4	1,587.09	1/4	1,215.48	1/4	843.86	1/4	472.25	1/4	100.63
1/2	1/2	4,323.77	1/2	4,096.19	1/2	3,867.66	1/2																					



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTCo-313"

CENAC TOWING COMPANY

OUTAGE TABLE

3 STAR

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

HULL NO. 4163

	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	4,418.56	0	4,252.77	0	4,024.77	0	3,796.25	0	3,567.72	0	3,319.41	0	2,949.69	0	2,578.07	0	2,206.45	0	1,834.84	0	1,463.22	0	1,091.61	0	719.99	0	348.37
1/4	1/4	4,417.87	1/4	4,248.04	1/4	4,020.01	1/4	3,791.49	1/4	3,562.96	1/4	3,312.48	1/4	2,941.94	1/4	2,570.33	1/4	2,198.71	1/4	1,827.10	1/4	1,455.48	1/4	1,083.86	1/4	712.25	1/4	340.63
1/2	1/2	4,417.17	1/2	4,243.31	1/2	4,015.25	1/2	3,786.72	1/2	3,558.20	1/2	3,305.00	1/2	2,934.20	1/2	2,562.59	1/2	2,190.97	1/2	1,819.35	1/2	1,447.74	1/2	1,076.12	1/2	704.51	1/2	332.89
3/4	3/4	4,415.98	3/4	4,238.57	3/4	4,010.49	3/4	3,781.96	3/4	3,553.44	3/4	3,297.53	3/4	2,926.46	3/4	2,554.84	3/4	2,183.23	3/4	1,811.61	3/4	1,440.00	3/4	1,068.38	3/4	696.76	3/4	325.15
1	1	4,414.78	1	4,233.84	1	4,005.73	1	3,777.20	1	3,548.67	1	3,290.06	1	2,918.72	1	2,547.10	1	2,175.49	1	1,803.87	1	1,432.25	1	1,060.64	1	689.02	1	317.41
1/4	1/4	4,413.59	1/4	4,229.11	1/4	4,000.97	1/4	3,772.44	1/4	3,543.91	1/4	3,282.59	1/4	2,910.98	1/4	2,539.36	1/4	2,167.74	1/4	1,796.13	1/4	1,424.51	1/4	1,052.90	1/4	681.28	1/4	309.66
1/2	1/2	4,412.39	1/2	4,224.37	1/2	3,996.21	1/2	3,767.68	1/2	3,539.15	1/2	3,274.85	1/2	2,903.23	1/2	2,531.62	1/2	2,160.00	1/2	1,788.39	1/2	1,416.77	1/2	1,045.15	1/2	673.54	1/2	301.92
3/4	3/4	4,410.65	3/4	4,219.64	3/4	3,991.45	3/4	3,762.92	3/4	3,534.39	3/4	3,267.11	3/4	2,895.49	3/4	2,523.88	3/4	2,152.26	3/4	1,780.64	3/4	1,409.03	3/4	1,037.41	3/4	665.80	3/4	294.18
2	2	4,408.91	2	4,214.91	2	3,986.69	2	3,758.16	2	3,529.63	2	3,259.37	2	2,887.75	2	2,516.13	2	2,144.52	2	1,772.90	2	1,401.29	2	1,029.67	2	658.05	2	286.44
1/4	1/4	4,407.17	1/4	4,210.17	1/4	3,981.93	1/4	3,753.40	1/4	3,524.87	1/4	3,251.62	1/4	2,880.01	1/4	2,508.39	1/4	2,136.78	1/4	1,765.16	1/4	1,393.54	1/4	1,021.93	1/4	650.31	1/4	278.70
1/2	1/2	4,405.43	1/2	4,205.44	1/2	3,977.16	1/2	3,748.64	1/2	3,520.11	1/2	3,243.88	1/2	2,872.27	1/2	2,500.65	1/2	2,129.03	1/2	1,757.42	1/2	1,385.80	1/2	1,014.19	1/2	642.57	1/2	270.95
3/4	3/4	4,403.14	3/4	4,200.71	3/4	3,972.40	3/4	3,743.88	3/4	3,515.35	3/4	3,236.14	3/4	2,864.52	3/4	2,492.91	3/4	2,121.29	3/4	1,749.68	3/4	1,378.06	3/4	1,006.44	3/4	634.83	3/4	263.21
3	3	4,400.86	3	4,195.97	3	3,967.64	3	3,739.11	3	3,510.59	3	3,228.40	3	2,856.78	3	2,485.17	3	2,113.55	3	1,741.93	3	1,370.32	3	998.70	3	627.09	3	255.47
1/4	1/4	4,398.57	1/4	4,191.24	1/4	3,962.88	1/4	3,734.35	1/4	3,505.83	1/4	3,220.66	1/4	2,849.04	1/4	2,477.42	1/4	2,105.81	1/4	1,734.19	1/4	1,362.58	1/4	990.96	1/4	619.34	1/4	247.73
1/2	1/2	4,396.29	1/2	4,186.51	1/2	3,958.12	1/2	3,729.59	1/2	3,501.06	1/2	3,212.91	1/2	2,841.30	1/2	2,469.68	1/2	2,098.07	1/2	1,726.45	1/2	1,354.83	1/2	983.22	1/2	611.60	1/2	239.99
3/4	3/4	4,393.46	3/4	4,181.78	3/4	3,953.36	3/4	3,724.83	3/4	3,496.30	3/4	3,205.17	3/4	2,833.56	3/4	2,461.94	3/4	2,090.32	3/4	1,718.71	3/4	1,347.09	3/4	975.48	3/4	603.86	3/4	232.24
4	4	4,390.63	4	4,177.04	4	3,948.60	4	3,720.07	4	3,491.54	4	3,197.43	4	2,825.81	4	2,454.20	4	2,082.58	4	1,710.97	4	1,339.35	4	967.73	4	596.12	4	224.50
1/4	1/4	4,387.80	1/4	4,172.31	1/4	3,943.84	1/4	3,715.31	1/4	3,486.78	1/4	3,189.69	1/4	2,818.07	1/4	2,446.46	1/4	2,074.84	1/4	1,703.22	1/4	1,331.61	1/4	959.99	1/4	588.38	1/4	216.76
1/2	1/2	4,384.97	1/2	4,167.58	1/2	3,939.08	1/2	3,710.55	1/2	3,482.02	1/2	3,181.95	1/2	2,810.33	1/2	2,438.71	1/2	2,067.10	1/2	1,695.48	1/2	1,323.87	1/2	952.25	1/2	580.63	1/2	209.02
3/4	3/4	4,381.60	3/4	4,162.84	3/4	3,934.32	3/4	3,705.79	3/4	3,477.26	3/4	3,174.20	3/4	2,802.59	3/4	2,430.97	3/4	2,059.36	3/4	1,687.74	3/4	1,316.12	3/4	944.51	3/4	572.89	3/4	201.28
5	5	4,378.23	5	4,158.08	5	3,929.55	5	3,701.03	5	3,472.50	5	3,166.46	5	2,794.85	5	2,423.23	5	2,051.61	5	1,680.00	5	1,308.38	5	936.77	5	565.15	5	193.53
1/4	1/4	4,374.85	1/4	4,153.32	1/4	3,924.79	1/4	3,696.27	1/4	3,467.74	1/4	3,158.72	1/4	2,787.10	1/4	2,415.49	1/4	2,043.87	1/4	1,672.26	1/4	1,300.64	1/4	929.02	1/4	557.41	1/4	185.79
1/2	1/2	4,371.48	1/2	4,148.56	1/2	3,920.03	1/2	3,691.50	1/2	3,462.98	1/2	3,150.98	1/2	2,779.36	1/2	2,407.75	1/2	2,036.13	1/2	1,664.51	1/2	1,292.90	1/2	921.28	1/2	549.67	1/2	178.05
3/4	3/4	4,367.56	3/4	4,143.80	3/4	3,915.27	3/4	3,686.74	3/4	3,458.22	3/4	3,143.24	3/4	2,771.62	3/4	2,400.00	3/4	2,028.39	3/4	1,656.77	3/4	1,285.16	3/4	913.54	3/4	541.92	3/4	170.31
6	6	4,363.65	6	4,139.04	6	3,910.51	6	3,681.98	6	3,453.45	6	3,135.49	6	2,763.88	6	2,392.26	6	2,020.65	6	1,649.03	6	1,277.41	6	905.80	6	534.18	6	162.57
1/4	1/4	4,359.73	1/4	4,134.28	1/4	3,905.75	1/4	3,677.22	1/4	3,448.69	1/4	3,127.75	1/4	2,756.14	1/4	2,384.52	1/4	2,012.90	1/4	1,641.29	1/4	1,269.67	1/4	898.06	1/4	526.44	1/4	154.82
1/2	1/2	4,355.81	1/2	4,129.52	1/2	3,900.99	1/2	3,672.46	1/2	3,443.93	1/2	3,120.01	1/2	2,748.39	1/2	2,376.78	1/2	2,005.16	1/2	1,633.55	1/2	1,261.93	1/2	890.31	1/2	518.70	1/2	147.08
3/4	3/4	4,351.35	3/4	4,124.76	3/4	3,896.23	3/4	3,667.70	3/4	3,439.17	3/4	3,112.27	3/4	2,740.65	3/4	2,369.04	3/4	1,997.42	3/4	1,625.80	3/4	1,254.19	3/4	882.57	3/4	510.96	3/4	139.34
7	7	4,346.89	7	4,119.99	7	3,891.47	7	3,662.94	7	3,434.41	7	3,104.53	7	2,732.91	7	2,361.29	7	1,989.68	7	1,618.06	7	1,246.45	7	874.83	7	503.21	7	131.60
1/4	1/4	4,342.43	1/4	4,115.23	1/4	3,886.71	1/4	3,658.18	1/4	3,429.65	1/4	3,096.78	1/4	2,725.17	1/4	2,353.55	1/4	1,981.94	1/4	1,610.32	1/4	1,238.70	1/4	867.09	1/4	495.47	1/4	123.86
1/2	1/2	4,337.97	1/2	4,110.47	1/2	3,881.94	1/2	3,653.42	1/2	3,424.89	1/2	3,089.04	1/2	2,717.43	1/2	2,345.81	1/2	1,974.19	1/2	1,602.58	1/2	1,230.96	1/2	859.35	1/2	487.73	1/2	116.11
3/4	3/4	4,333.23	3/4	4,105.71	3/4	3,877.18	3/4	3,648.66	3/4	3,420.13	3/4	3,081.30	3/4	2,709.68	3/4	2,338.07	3/4	1,966.45	3/4	1,594.84	3/4	1,223.22	3/4	851.60	3/4	479.99	3/4	108.37
8	8	4,328.50	8	4,100.95	8	3,872.42	8	3,643.89	8	3,415.23	8	3,073.56	8	2,701.94	8	2,330.33	8	1,958.71	8	1,587.09	8	1,215.48	8	843.86	8	472.25	8	100.63
1/4	1/4	4,323.77	1/4	4,096.19	1/4	3,867.66	1/4	3,639.13	1/4	3,410.34	1/4	3,065.82	1/4	2,694.20	1/4	2,322.58	1/4	1,950.97	1/4	1,579.35	1/4	1,207.74	1/4	836.12	1/4	464.50	1/4	92.89
1/2	1/2	4,319.03	1/2	4,091.43	1/2																							