



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTCo-3019" CENAC TOWING COMPANY

INNAGE TABLE

1 PORT OR STAR.

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

HULL NO. 2078-1

	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	11.14	162.09	349.40	546.82	744.24	941.67	1,139.09	1,336.52	1,533.94	1,731.36	1,928.79	2,126.21	2,323.64	2,516.86	2,701.70
1/4	12.93	165.60	353.51	550.93	748.36	945.78	1,143.21	1,340.63	1,538.05	1,735.48	1,932.90	2,130.33	2,327.73	2,520.78	2,705.47
1/2	14.71	169.12	357.62	555.05	752.47	949.89	1,147.32	1,344.74	1,542.17	1,739.59	1,937.01	2,134.44	2,331.82	2,524.69	2,709.24
3/4	17.26	172.81	361.74	559.16	756.58	954.01	1,151.43	1,348.86	1,546.28	1,743.70	1,941.13	2,138.55	2,335.91	2,528.61	2,713.01
1	19.81	176.50	365.85	563.27	760.70	958.12	1,155.54	1,352.97	1,550.39	1,747.82	1,945.24	2,142.66	2,340.00	2,532.52	2,716.78
1/4	22.37	180.19	369.96	567.39	764.81	962.23	1,159.66	1,357.08	1,554.51	1,751.93	1,949.35	2,146.78	2,344.09	2,536.44	2,719.86
1/2	24.92	183.88	374.07	571.50	768.92	966.35	1,163.77	1,361.19	1,558.62	1,756.04	1,953.47	2,150.89	2,348.18	2,540.36	2,722.94
3/4	27.48	187.57	378.19	575.61	773.04	970.46	1,167.88	1,365.31	1,562.73	1,760.16	1,957.58	2,155.00	2,352.27	2,544.27	2,726.03
2	30.83	191.26	382.30	579.72	777.15	974.57	1,172.00	1,369.42	1,566.84	1,764.27	1,961.69	2,159.12	2,356.36	2,548.19	2,729.11
1/4	33.82	194.96	386.41	583.84	781.26	978.69	1,176.11	1,373.53	1,570.96	1,768.38	1,965.81	2,163.23	2,360.46	2,552.10	2,731.51
1/2	36.82	198.65	390.53	587.95	785.37	982.80	1,180.22	1,377.65	1,575.07	1,772.49	1,969.92	2,167.34	2,364.55	2,556.02	2,733.91
3/4	39.81	202.34	394.64	592.06	789.49	986.91	1,184.34	1,381.76	1,579.18	1,776.61	1,974.03	2,171.46	2,368.64	2,559.94	2,736.31
3	42.81	206.03	398.75	596.18	793.60	991.02	1,188.45	1,385.87	1,583.30	1,780.72	1,978.14	2,175.57	2,372.73	2,563.85	2,738.70
1/4	45.80	209.72	402.87	600.29	797.71	995.14	1,192.56	1,389.99	1,587.41	1,784.83	1,982.26	2,179.68	2,376.78	2,567.73	2,740.42
1/2	48.79	213.41	406.98	604.40	801.83	999.25	1,196.67	1,394.10	1,591.52	1,788.95	1,986.37	2,183.79	2,380.82	2,571.60	2,742.13
3/4	51.96	217.28	411.09	608.52	805.94	1,003.36	1,200.79	1,398.21	1,595.64	1,793.06	1,990.48	2,187.91	2,384.87	2,575.47	2,743.84
4	55.13	221.14	415.20	612.63	810.05	1,007.48	1,204.90	1,402.32	1,599.75	1,797.17	1,994.60	2,192.02	2,388.92	2,579.34	2,745.56
1/4	58.30	225.01	419.32	616.74	814.17	1,011.59	1,209.01	1,406.44	1,603.86	1,801.29	1,998.71	2,196.13	2,392.96	2,583.22	2,746.58
1/2	61.47	228.87	423.43	620.85	818.28	1,015.70	1,213.13	1,410.55	1,607.97	1,805.40	2,002.82	2,200.25	2,397.01	2,587.09	2,747.61
3/4	64.64	232.74	427.54	624.97	822.39	1,019.82	1,217.24	1,414.66	1,612.09	1,809.51	2,006.94	2,204.36	2,401.06	2,590.96	2,748.64
5	67.81	236.60	431.66	629.08	826.50	1,023.93	1,221.35	1,418.78	1,616.20	1,813.62	2,011.05	2,208.47	2,405.10	2,594.84	2,749.66
1/4	70.98	240.47	435.77	633.19	830.62	1,028.04	1,225.47	1,422.89	1,620.31	1,817.74	2,015.16	2,212.59	2,409.15	2,598.71	2,750.01
1/2	74.15	244.33	439.88	637.31	834.73	1,032.15	1,229.58	1,427.00	1,624.43	1,821.85	2,019.27	2,216.70	2,413.20	2,602.58	2,750.35
3/4	77.32	248.20	444.00	641.42	838.84	1,036.27	1,233.69	1,431.12	1,628.54	1,825.96	2,023.39	2,220.81	2,417.25	2,606.46	2,750.69
6	80.48	252.06	448.11	645.53	842.96	1,040.38	1,237.80	1,435.23	1,632.65	1,830.08	2,027.50	2,224.92	2,421.29	2,610.33	2,751.03
1/4	83.65	255.93	452.22	649.65	847.07	1,044.49	1,241.92	1,439.34	1,636.77	1,834.19	2,031.61	2,229.04	2,425.30	2,614.16	2,751.03
1/2	86.82	259.79	456.33	653.76	851.18	1,048.61	1,246.03	1,443.45	1,640.88	1,838.30	2,035.73	2,233.15	2,429.30	2,617.99	2,751.03
3/4	90.16	263.82	460.45	657.87	855.30	1,052.72	1,250.14	1,447.57	1,644.99	1,842.42	2,039.84	2,237.26	2,433.30	2,621.82	2,751.03
7	93.51	267.86	464.56	661.98	859.41	1,056.83	1,254.26	1,451.68	1,649.10	1,846.53	2,043.95	2,241.38	2,437.31	2,625.64	2,751.03
1/4	96.85	271.89	468.67	666.10	863.52	1,060.95	1,258.37	1,455.79	1,653.22	1,850.64	2,048.07	2,245.49	2,441.31	2,629.47	2,751.03
1/2	100.19	275.92	472.79	670.21	867.63	1,065.06	1,262.48	1,459.91	1,657.33	1,854.75	2,052.18	2,249.60	2,445.32	2,633.30	2,751.03
3/4	103.53	279.96	476.90	674.32	871.75	1,069.17	1,266.60	1,464.02	1,661.44	1,858.87	2,056.29	2,253.72	2,449.32	2,637.13	2,751.03
8	106.87	283.99	481.01	678.44	875.86	1,073.28	1,270.71	1,468.13	1,665.56	1,862.98	2,060.40	2,257.83	2,453.32	2,640.96	2,751.03
1/4	110.22	288.02	485.13	682.55	879.97	1,077.40	1,274.82	1,472.25	1,669.67	1,867.09	2,064.52	2,261.94	2,457.33	2,644.79	2,751.03
1/2	113.56	292.05	489.24	686.66	884.09	1,081.51	1,278.93	1,476.36	1,673.78	1,871.21	2,068.63	2,266.05	2,461.33	2,648.62	2,751.03
3/4	116.90	296.09	493.35	690.78	888.20	1,085.62	1,283.05	1,480.47	1,677.90	1,875.32	2,072.74	2,270.17	2,465.34	2,652.45	2,751.03
9	120.24	300.12	497.46	694.89	892.31	1,089.74	1,287.16	1,484.58	1,682.01	1,879.43	2,076.86	2,274.28	2,469.34	2,656.28	2,751.03
1/4	123.58	304.15	501.58	699.00	896.43	1,093.85	1,291.27	1,488.70	1,686.12	1,883.55	2,080.97	2,278.39	2,473.30	2,660.06	2,751.03
1/2	126.93	308.27	505.69	703.11	900.54	1,097.96	1,295.39	1,492.81	1,690.23	1,887.66	2,085.08	2,282.51	2,477.26	2,663.85	2,751.03
3/4	130.44	312.38	509.80	707.23	904.65	1,102.08	1,299.50	1,496.92	1,694.35	1,891.77	2,089.20	2,286.62	2,481.22	2,667.63	2,751.03
10	133.96	316.49	513.92	711.34	908.76	1,106.19	1,303.61	1,501.04	1,698.46	1,895.88	2,093.31	2,290.73	2,485.18	2,671.42	2,751.03
1/4	137.47	320.61	518.03	715.45	912.88	1,110.30	1,307.73	1,505.15	1,702.57	1,900.00	2,097.42	2,294.85	2,489.14	2,675.20	2,751.03
1/2	140.99	324.72	522.14	719.57	916.99	1,114.41	1,311.84	1,509.26	1,706.69	1,904.11	2,101.53	2,298.96	2,493.10	2,678.99	2,751.03
3/4	144.51	328.83	526.26	723.68	921.10	1,118.53	1,315.95	1,513.38	1,710.80	1,908.22	2,105.65	2,303.07	2,497.06	2,682.77	2,751.03
11	148.02	332.94	530.37	727.79	925.22	1,122.64	1,320.06	1,517.49	1,714.91	1,912.34	2,109.76	2,307.18	2,501.02	2,686.56	2,751.03
1/4	151.54	337.06	534.48	731.91	929.33	1,126.75	1,324.18	1,521.60	1,719.03	1,916.45	2,113.87	2,311.30	2,504.98	2,690.34	2,751.03
1/2	155.05	341.17	538.59	736.02	933.44	1,130.87	1,328.29	1,525.71	1,723.14	1,920.56	2,117.99	2,315.41	2,508.94	2,694.13	2,751.03
3/4	158.57	345.28	542.71	740.13	937.56	1,134.98	1,332.40	1,529.83	1,727.25	1,924.68	2,122.10	2,319.52	2,512.90	2,697.91	2,751.03

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

STRAPPED: 2/17/00

* CAPACITY BELOW STRIKE POINT

PORT REFERENCE GAUGE HEIGHT: 15'-4 1/2" (RIM OF BALL VALVE
LOCATED NEAR CENTER OF TANK)

STAR REFERENCE GAUGE HEIGHT: 15'-4" (RIM OF 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



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTCo-3019" CENAC TOWING COMPANY

INNAGE TABLE

2 PORT OR STAR.

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

HULL NO. 2078-1

ROLL NO. 207041																													
BRIDGE FOR EVERY FIVE FEET WHEN GRADES ARE TAKEN																													
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	* 12.88	0	203.33	0	400.18	0	597.03	0	793.87	0	990.72	0	1,187.57	0	1,384.42	0	1,581.27	0	1,778.11	0	1,974.96	0	2,171.81	0	2,368.66	0	2,561.35	0	2,745.70
1/4	15.29	1/4	207.43	1/4	404.28	1/4	601.13	1/4	797.98	1/4	994.82	1/4	1,191.67	1/4	1,388.52	1/4	1,585.37	1/4	1,782.22	1/4	1,979.06	1/4	2,175.91	1/4	2,372.74	1/4	2,565.26	1/4	2,749.46
1/2	17.70	1/2	211.53	1/2	408.38	1/2	605.23	1/2	802.08	1/2	998.92	1/2	1,195.77	1/2	1,392.62	1/2	1,589.47	1/2	1,786.32	1/2	1,983.16	1/2	2,180.01	1/2	2,376.82	1/2	2,569.17	1/2	2,753.22
3/4	21.08	3/4	215.63	3/4	412.48	3/4	609.33	3/4	806.18	3/4	1,003.03	3/4	1,199.87	3/4	1,396.72	3/4	1,593.57	3/4	1,790.42	3/4	1,987.27	3/4	2,184.11	3/4	2,380.90	3/4	2,573.07	3/4	2,756.98
1	24.45	1	219.73	1	416.58	1	613.43	1	810.28	1	1,007.13	1	1,203.97	1	1,400.82	1	1,597.67	1	1,794.52	1	1,991.37	1	2,188.21	1	2,384.98	1	2,576.98	1	2,760.74
1/4	27.83	1/4	223.84	1/4	420.68	1/4	617.53	1/4	814.38	1/4	1,011.23	1/4	1,208.08	1/4	1,404.92	1/4	1,601.77	1/4	1,798.62	1/4	1,995.47	1/4	2,192.32	1/4	2,389.06	1/4	2,580.88	1/4	2,763.82
1/2	31.21	1/2	227.94	1/2	424.78	1/2	621.63	1/2	818.48	1/2	1,015.33	1/2	1,212.18	1/2	1,409.02	1/2	1,605.87	1/2	1,802.72	1/2	1,999.57	1/2	2,196.42	1/2	2,393.14	1/2	2,584.79	1/2	2,766.89
3/4	35.19	3/4	232.04	3/4	428.89	3/4	625.73	3/4	822.58	3/4	1,019.43	3/4	1,216.28	3/4	1,413.13	3/4	1,609.97	3/4	1,806.82	3/4	2,003.67	3/4	2,200.52	3/4	2,397.22	3/4	2,588.70	3/4	2,769.97
2	39.29	2	236.14	2	432.99	2	629.83	2	826.68	2	1,023.53	2	1,220.38	2	1,417.23	2	1,614.07	2	1,810.92	2	2,007.77	2	2,204.62	2	2,401.30	2	2,592.60	2	2,773.05
1/4	43.39	1/4	240.24	1/4	437.09	1/4	633.94	1/4	830.78	1/4	1,027.63	1/4	1,224.48	1/4	1,421.33	1/4	1,618.18	1/4	1,815.02	1/4	2,011.87	1/4	2,208.72	1/4	2,405.38	1/4	2,596.51	1/4	2,775.44
1/2	47.49	1/2	244.34	1/2	441.19	1/2	638.04	1/2	834.88	1/2	1,031.73	1/2	1,228.58	1/2	1,425.43	1/2	1,622.28	1/2	1,819.12	1/2	2,015.97	1/2	2,212.82	1/2	2,409.46	1/2	2,600.41	1/2	2,777.83
3/4	51.59	3/4	248.44	3/4	445.29	3/4	642.14	3/4	838.99	3/4	1,035.83	3/4	1,232.68	3/4	1,429.53	3/4	1,626.38	3/4	1,823.23	3/4	2,020.07	3/4	2,216.92	3/4	2,413.54	3/4	2,604.32	3/4	2,780.22
3	55.69	3	252.54	3	449.39	3	646.24	3	843.09	3	1,039.93	3	1,236.78	3	1,433.63	3	1,630.48	3	1,827.33	3	2,024.17	3	2,221.02	3	2,417.62	3	2,608.23	3	2,782.61
1/4	59.80	1/4	256.64	1/4	453.49	1/4	650.34	1/4	847.19	1/4	1,044.04	1/4	1,240.88	1/4	1,437.73	1/4	1,634.58	1/4	1,831.43	1/4	2,028.28	1/4	2,225.12	1/4	2,421.65	1/4	2,612.09	1/4	2,784.32
1/2	63.90	1/2	260.74	1/2	457.59	1/2	654.44	1/2	851.29	1/2	1,048.14	1/2	1,244.98	1/2	1,441.83	1/2	1,638.68	1/2	1,835.53	1/2	2,032.38	1/2	2,229.22	1/2	2,425.69	1/2	2,615.95	1/2	2,786.03
3/4	68.00	3/4	264.85	3/4	461.69	3/4	658.54	3/4	855.39	3/4	1,052.24	3/4	1,249.09	3/4	1,445.93	3/4	1,642.78	3/4	1,839.63	3/4	2,036.48	3/4	2,233.33	3/4	2,429.73	3/4	2,619.81	3/4	2,787.74
4	72.10	4	268.95	4	465.79	4	662.64	4	859.49	4	1,056.34	4	1,253.19	4	1,450.03	4	1,646.88	4	1,843.73	4	2,040.58	4	2,237.43	4	2,433.76	4	2,623.67	4	2,789.45
1/4	76.20	1/4	273.05	1/4	469.90	1/4	666.74	1/4	863.59	1/4	1,060.44	1/4	1,257.29	1/4	1,454.14	1/4	1,650.98	1/4	1,847.83	1/4	2,044.68	1/4	2,241.53	1/4	2,437.80	1/4	2,627.54	1/4	2,790.47
1/2	80.30	1/2	277.15	1/2	474.00	1/2	670.84	1/2	867.69	1/2	1,064.54	1/2	1,261.39	1/2	1,458.24	1/2	1,655.08	1/2	1,851.93	1/2	2,048.78	1/2	2,245.63	1/2	2,441.83	1/2	2,631.40	1/2	2,791.49
3/4	84.40	3/4	281.25	3/4	478.10	3/4	674.95	3/4	871.79	3/4	1,068.64	3/4	1,265.49	3/4	1,462.34	3/4	1,659.19	3/4	1,856.03	3/4	2,052.88	3/4	2,249.73	3/4	2,445.87	3/4	2,635.26	3/4	2,792.52
5	88.50	5	285.35	5	482.20	5	679.05	5	875.89	5	1,072.74	5	1,269.59	5	1,466.44	5	1,663.29	5	1,860.13	5	2,056.98	5	2,253.83	5	2,449.91	5	2,639.12	5	2,793.54
1/4	92.60	1/4	289.45	1/4	486.30	1/4	683.15	1/4	880.00	1/4	1,076.84	1/4	1,273.69	1/4	1,470.54	1/4	1,667.39	1/4	1,864.24	1/4	2,061.08	1/4	2,257.93	1/4	2,453.94	1/4	2,642.98	1/4	2,793.88
1/2	96.70	1/2	293.55	1/2	490.40	1/2	687.25	1/2	884.10	1/2	1,080.94	1/2	1,277.79	1/2	1,474.64	1/2	1,671.49	1/2	1,868.34	1/2	2,065.18	1/2	2,262.03	1/2	2,457.98	1/2	2,646.85	1/2	2,794.22
3/4	100.81	3/4	297.65	3/4	494.50	3/4	691.35	3/4	888.20	3/4	1,085.05	3/4	1,281.89	3/4	1,478.74	3/4	1,675.59	3/4	1,872.44	3/4	2,069.29	3/4	2,266.13	3/4	2,462.01	3/4	2,650.71	3/4	2,794.56
6	104.91	6	301.75	6	498.60	6	695.45	6	892.30	6	1,089.15	6	1,285.99	6	1,482.84	6	1,679.69	6	1,876.54	6	2,073.39	6	2,270.23	6	2,466.05	6	2,654.57	6	2,794.90
1/4	109.01	1/4	305.86	1/4	502.70	1/4	699.55	1/4	896.40	1/4	1,093.25	1/4	1,290.10	1/4	1,486.94	1/4	1,683.79	1/4	1,880.64	1/4	2,077.49	1/4	2,274.34	1/4	2,470.04	1/4	2,658.39	1/4	
1/2	113.11	1/2	309.96	1/2	506.80	1/2	703.65	1/2	900.50	1/2	1,097.35	1/2	1,294.20	1/2	1,491.04	1/2	1,687.89	1/2	1,884.74	1/2	2,081.59	1/2	2,278.44	1/2	2,474.03	1/2	2,662.21	1/2	
3/4	117.21	3/4	314.06	3/4	510.91	3/4	707.75	3/4	904.60	3/4	1,101.45	3/4	1,298.30	3/4	1,495.15	3/4	1,691.99	3/4	1,888.84	3/4	2,085.69	3/4	2,282.54	3/4	2,478.03	3/4	2,666.03	3/4	
7	121.31	7	318.16	7	515.01	7	711.85	7	908.70	7	1,105.55	7	1,302.40	7	1,499.25	7	1,696.09	7	1,892.94	7	2,089.79	7	2,286.64	7	2,482.02	7	2,669.85	7	
1/4	125.41	1/4	322.26	1/4	519.11	1/4	715.96	1/4	912.80	1/4	1,109.65	1/4	1,306.50	1/4	1,503.35	1/4	1,700.20	1/4	1,897.04	1/4	2,093.89	1/4	2,290.74	1/4	2,486.01	1/4	2,673.67	1/4	
1/2	129.51	1/2	326.36	1/2	523.21	1/2	720.06	1/2	916.90	1/2	1,113.75	1/2	1,310.60	1/2	1,507.45	1/2	1,704.30	1/2	1,901.14	1/2	2,097.99	1/2	2,294.84	1/2	2,490.00	1/2	2,677.48	1/2	
3/4	133.61	3/4	330.46	3/4	527.31	3/4	724.16	3/4	921.01	3/4	1,117.85	3/4	1,314.70	3/4	1,511.55	3/4	1,708.40	3/4	1,905.25	3/4	2,102.09	3/4	2,298.94	3/4	2,493.99	3/4	2,681.30	3/4	
8	137.71	8	334.56	8	531.41	8	728.26	8	925.11	8	1,121.95	8	1,318.80	8	1,515.65	8	1,712.50	8	1,909.35	8	2,106.1								



BARGE "CTCo-3019" **CENAC TOWING COMPANY**

INNAGE TABLE

3 PORT OR STAR.

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

HULL NO. 2078-1

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	N	10 FT.	N	11 FT.	N	12 FT.	N	13 FT.	N	14 FT.
0	* 18.23	0	218.02	0	420.92	0	623.81	0	826.71	0	1,029.61	0	1,232.50	0	1,435.40	0	1,638.29	0	1,841.19	0	2,044.09	0	2,246.98	0	2,449.83	0	2,648.10	0	2,837.79
1/4	21.71	1/4	222.25	1/4	425.14	1/4	628.04	1/4	830.94	1/4	1,033.83	1/4	1,236.73	1/4	1,439.62	1/4	1,642.52	1/4	1,845.42	1/4	2,048.31	1/4	2,251.21	1/4	2,454.04	1/4	2,652.13	1/4	2,841.67
1/2	25.19	1/2	226.48	1/2	429.37	1/2	632.27	1/2	835.16	1/2	1,038.06	1/2	1,240.96	1/2	1,443.85	1/2	1,646.75	1/2	1,849.64	1/2	2,052.54	1/2	2,255.44	1/2	2,458.24	1/2	2,656.15	1/2	2,845.54
3/4	28.68	3/4	230.70	3/4	433.60	3/4	636.49	3/4	839.39	3/4	1,042.29	3/4	1,245.18	3/4	1,448.08	3/4	1,650.97	3/4	1,853.87	3/4	2,056.77	3/4	2,259.66	3/4	2,462.45	3/4	2,660.18	3/4	2,848.71
1	32.16	1	234.93	1	437.82	1	640.72	1	843.62	1	1,046.51	1	1,249.41	1	1,452.31	1	1,655.20	1	1,858.10	1	2,060.99	1	2,263.89	1	2,466.65	1	2,664.20	1	2,851.89
1/4	36.26	1/4	239.16	1/4	442.05	1/4	644.95	1/4	847.84	1/4	1,050.74	1/4	1,253.64	1/4	1,456.53	1/4	1,659.43	1/4	1,862.32	1/4	2,065.22	1/4	2,268.12	1/4	2,470.86	1/4	2,668.23	1/4	2,855.06
1/2	40.49	1/2	243.38	1/2	446.28	1/2	649.17	1/2	852.07	1/2	1,054.97	1/2	1,257.86	1/2	1,460.76	1/2	1,663.66	1/2	1,866.55	1/2	2,069.45	1/2	2,272.34	1/2	2,475.06	1/2	2,672.26	1/2	2,858.23
3/4	44.71	3/4	247.61	3/4	450.51	3/4	653.40	3/4	856.30	3/4	1,059.19	3/4	1,262.09	3/4	1,464.99	3/4	1,667.88	3/4	1,870.78	3/4	2,073.67	3/4	2,276.57	3/4	2,479.27	3/4	2,676.28	3/4	2,860.69
2	48.94	2	251.84	2	454.73	2	657.63	2	860.52	2	1,063.42	2	1,266.32	2	1,469.21	2	1,672.11	2	1,875.01	2	2,077.90	2	2,280.80	2	2,483.47	2	2,680.31	2	2,863.16
1/4	53.17	1/4	256.06	1/4	458.96	1/4	661.86	1/4	864.75	1/4	1,067.65	1/4	1,270.54	1/4	1,473.44	1/4	1,676.34	1/4	1,879.23	1/4	2,082.13	1/4	2,285.02	1/4	2,487.68	1/4	2,684.33	1/4	2,865.62
1/2	57.40	1/2	260.29	1/2	463.19	1/2	666.08	1/2	868.98	1/2	1,071.88	1/2	1,274.77	1/2	1,477.67	1/2	1,680.56	1/2	1,883.46	1/2	2,086.36	1/2	2,289.25	1/2	2,491.88	1/2	2,688.36	1/2	2,868.09
3/4	61.62	3/4	264.52	3/4	467.41	3/4	670.31	3/4	873.21	3/4	1,076.10	3/4	1,279.00	3/4	1,481.89	3/4	1,684.79	3/4	1,887.69	3/4	2,090.58	3/4	2,293.48	3/4	2,496.04	3/4	2,692.34	3/4	2,869.85
3	65.85	3	268.75	3	471.64	3	674.54	3	877.43	3	1,080.33	3	1,283.23	3	1,486.12	3	1,689.02	3	1,891.91	3	2,094.81	3	2,297.71	3	2,500.21	3	2,696.32	3	2,871.61
1/4	70.08	1/4	272.97	1/4	475.87	1/4	678.76	1/4	881.66	1/4	1,084.56	1/4	1,287.45	1/4	1,490.35	1/4	1,693.24	1/4	1,896.14	1/4	2,099.04	1/4	2,301.93	1/4	2,504.37	1/4	2,700.30	1/4	2,873.37
1/2	74.30	1/2	277.20	1/2	480.09	1/2	682.99	1/2	885.89	1/2	1,088.78	1/2	1,291.68	1/2	1,494.58	1/2	1,697.47	1/2	1,900.37	1/2	2,103.26	1/2	2,306.16	1/2	2,508.53	1/2	2,704.28	1/2	2,875.13
3/4	78.53	3/4	281.43	3/4	484.32	3/4	687.22	3/4	890.11	3/4	1,093.01	3/4	1,295.91	3/4	1,498.80	3/4	1,701.70	3/4	1,904.59	3/4	2,107.49	3/4	2,310.39	3/4	2,512.69	3/4	2,708.26	3/4	2,876.18
4	82.76	4	285.65	4	488.55	4	691.44	4	894.34	4	1,097.24	4	1,300.13	4	1,503.03	4	1,705.93	4	1,908.82	4	2,111.72	4	2,314.61	4	2,516.85	4	2,712.24	4	2,877.23
1/4	86.98	1/4	289.88	1/4	492.78	1/4	695.67	1/4	898.57	1/4	1,101.46	1/4	1,304.36	1/4	1,507.26	1/4	1,710.15	1/4	1,913.05	1/4	2,115.94	1/4	2,318.84	1/4	2,521.01	1/4	2,716.22	1/4	2,878.27
1/2	91.21	1/2	294.11	1/2	497.00	1/2	699.90	1/2	902.79	1/2	1,105.69	1/2	1,308.59	1/2	1,511.48	1/2	1,714.38	1/2	1,917.28	1/2	2,120.17	1/2	2,323.07	1/2	2,525.17	1/2	2,720.20	1/2	2,879.32
3/4	95.44	3/4	298.33	3/4	501.23	3/4	704.13	3/4	907.02	3/4	1,109.92	3/4	1,312.81	3/4	1,515.71	3/4	1,718.61	3/4	1,921.50	3/4	2,124.40	3/4	2,327.29	3/4	2,529.33	3/4	2,724.18	3/4	2,879.67
5	99.67	5	302.56	5	505.46	5	708.35	5	911.25	5	1,114.15	5	1,317.04	5	1,519.94	5	1,722.83	5	1,925.73	5	2,128.63	5	2,331.52	5	2,533.49	5	2,728.16	5	2,880.02
1/4	103.89	1/4	306.79	1/4	509.68	1/4	712.58	1/4	915.48	1/4	1,118.37	1/4	1,321.27	1/4	1,524.16	1/4	1,727.06	1/4	1,929.96	1/4	2,132.85	1/4	2,335.75	1/4	2,537.65	1/4	2,732.14	1/4	2,880.37
1/2	108.12	1/2	311.02	1/2	513.91	1/2	716.81	1/2	919.70	1/2	1,122.60	1/2	1,325.50	1/2	1,528.39	1/2	1,731.29	1/2	1,934.18	1/2	2,137.08	1/2	2,339.98	1/2	2,541.82	1/2	2,736.12	1/2	2,880.72
3/4	112.35	3/4	315.24	3/4	518.14	3/4	721.03	3/4	923.93	3/4	1,126.83	3/4	1,329.72	3/4	1,532.62	3/4	1,735.51	3/4	1,938.41	3/4	2,141.31	3/4	2,344.20	3/4	2,545.93	3/4	2,740.06	3/4	2,880.72
6	116.57	6	319.47	6	522.36	6	725.26	6	928.16	6	1,131.05	6	1,333.95	6	1,536.85	6	1,739.74	6	1,942.64	6	2,145.53	6	2,348.43	6	2,550.05	6	2,743.99	6	2,880.72
1/4	120.80	1/4	323.70	1/4	526.59	1/4	729.49	1/4	932.38	1/4	1,135.28	1/4	1,338.18	1/4	1,541.07	1/4	1,743.97	1/4	1,946.86	1/4	2,149.76	1/4	2,352.66	1/4	2,554.16	1/4	2,747.93	1/4	2,880.72
1/2	125.03	1/2	327.92	1/2	530.82	1/2	733.71	1/2	936.61	1/2	1,139.51	1/2	1,342.40	1/2	1,545.30	1/2	1,748.20	1/2	1,951.09	1/2	2,153.99	1/2	2,356.88	1/2	2,558.28	1/2	2,751.86	1/2	2,880.72
3/4	129.25	3/4	332.15	3/4	535.05	3/4	737.94	3/4	940.84	3/4	1,143.73	3/4	1,346.63	3/4	1,549.53	3/4	1,752.42	3/4	1,955.32	3/4	2,158.21	3/4	2,361.11	3/4	2,562.39	3/4	2,755.80	3/4	2,880.72
7	133.48	7	336.38	7	539.27	7	742.17	7	945.06	7	1,147.96	7	1,350.86	7	1,553.75	7	1,756.65	7	1,959.55	7	2,162.44	7	2,365.34	7	2,568.24	7	2,761.14	7	2,880.72
1/4	137.71	1/4	340.60	1/4	543.50	1/4	746.40	1/4	949.29	1/4	1,152.19	1/4	1,355.08	1/4	1,557.98	1/4	1,760.88	1/4	1,963.77	1/4	2,166.67	1/4	2,369.56	1/4	2,572.46	1/4	2,764.04	1/4	2,880.72
1/2	141.94	1/2	344.83	1/2	547.73	1/2	750.62	1/2	953.52	1/2	1,156.42	1/2	1,359.31	1/2	1,562.21	1/2	1,765.10	1/2	1,968.00	1/2	2,170.90	1/2	2,373.79	1/2	2,575.28	1/2	2,767.61	1/2	2,880.72
3/4	146.16	3/4	349.06	3/4	551.95	3/4	754.85	3/4	957.75	3/4	1,160.64	3/4	1,363.54	3/4	1,566.43	3/4	1,769.33	3/4	1,972.23	3/4	2,175.12	3/4	2,378.02	3/4	2,578.85	3/4	2,771.54	3/4	2,880.72
8	150.39	8	353.29	8	556.18	8	759.08	8	961.97	8	1,164.87	8	1,367.77	8	1,570.66	8	1,773.56	8	1,976.45	8	2,179.35	8	2,382.25	8	2,585.15	8	2,778.04	8	2,880.72
1/4	154.62	1/4	357.51	1/																									



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTCo-3019" CENAC TOWING COMPANY

INNAGE TABLE

4 PORT

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

HULL NO. 2078-1

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	* 8.03	0	194.42	0	390.55	0	586.68	0	782.81	0	978.93	0	1,175.06	0	1,371.19	0	1,567.32	0	1,763.45	0	1,959.57	0	2,155.70	0	2,351.83	0	2,544.12	0	2,728.10
1/4	10.43	1/4	198.51	1/4	394.64	1/4	590.76	1/4	786.89	1/4	983.02	1/4	1,179.15	1/4	1,375.28	1/4	1,571.40	1/4	1,767.53	1/4	1,963.66	1/4	2,159.79	1/4	2,355.91	1/4	2,548.05	1/4	2,731.86
1/2	12.83	1/2	202.59	1/2	398.72	1/2	594.85	1/2	790.98	1/2	987.11	1/2	1,183.23	1/2	1,379.36	1/2	1,575.49	1/2	1,771.62	1/2	1,967.75	1/2	2,163.87	1/2	2,360.00	1/2	2,551.99	1/2	2,735.63
3/4	15.24	3/4	206.68	3/4	402.81	3/4	598.94	3/4	795.06	3/4	991.19	3/4	1,187.32	3/4	1,383.45	3/4	1,579.58	3/4	1,775.70	3/4	1,971.83	3/4	2,167.96	3/4	2,364.07	3/4	2,555.88	3/4	2,739.37
1	17.64	1	210.77	1	406.89	1	603.02	1	799.15	1	995.28	1	1,191.41	1	1,387.53	1	1,583.66	1	1,779.79	1	1,975.92	1	2,172.05	1	2,368.13	1	2,559.77	1	2,743.12
1/4	21.01	1/4	214.85	1/4	410.98	1/4	607.11	1/4	803.24	1/4	999.36	1/4	1,195.49	1/4	1,391.62	1/4	1,587.75	1/4	1,783.88	1/4	1,980.00	1/4	2,176.13	1/4	2,372.20	1/4	2,563.66	1/4	2,746.86
1/2	24.37	1/2	218.94	1/2	415.07	1/2	611.19	1/2	807.32	1/2	1,003.45	1/2	1,199.58	1/2	1,395.71	1/2	1,591.83	1/2	1,787.96	1/2	1,984.09	1/2	2,180.22	1/2	2,376.26	1/2	2,567.55	1/2	2,750.61
3/4	27.74	3/4	223.02	3/4	419.15	3/4	615.28	3/4	811.41	3/4	1,007.54	3/4	1,203.66	3/4	1,399.79	3/4	1,595.92	3/4	1,792.05	3/4	1,988.18	3/4	2,184.30	3/4	2,380.33	3/4	2,571.44	3/4	2,753.67
2	31.10	2	227.11	2	423.24	2	619.37	2	815.49	2	1,011.62	2	1,207.75	2	1,403.88	2	1,600.01	2	1,796.13	2	1,992.26	2	2,188.39	2	2,384.39	2	2,575.33	2	2,756.74
1/4	35.07	1/4	231.20	1/4	427.32	1/4	623.45	1/4	819.58	1/4	1,015.71	1/4	1,211.84	1/4	1,407.96	1/4	1,604.09	1/4	1,800.22	1/4	1,996.35	1/4	2,192.48	1/4	2,388.46	1/4	2,579.23	1/4	2,759.80
1/2	39.15	1/2	235.28	1/2	431.41	1/2	627.54	1/2	823.67	1/2	1,019.79	1/2	1,215.92	1/2	1,412.05	1/2	1,608.18	1/2	1,804.31	1/2	2,000.43	1/2	2,196.56	1/2	2,392.52	1/2	2,583.12	1/2	2,762.87
3/4	43.24	3/4	239.37	3/4	435.50	3/4	631.62	3/4	827.75	3/4	1,023.88	3/4	1,220.01	3/4	1,416.14	3/4	1,612.26	3/4	1,808.39	3/4	2,004.52	3/4	2,200.65	3/4	2,396.59	3/4	2,587.01	3/4	2,765.25
3	47.33	3	243.45	3	439.58	3	635.71	3	831.84	3	1,027.97	3	1,224.09	3	1,420.22	3	1,616.35	3	1,812.48	3	2,008.61	3	2,204.73	3	2,400.65	3	2,590.90	3	2,767.64
1/4	51.41	1/4	247.54	1/4	443.67	1/4	639.80	1/4	835.92	1/4	1,032.05	1/4	1,228.18	1/4	1,424.31	1/4	1,620.44	1/4	1,816.56	1/4	2,012.69	1/4	2,208.82	1/4	2,404.72	1/4	2,594.79	1/4	2,770.02
1/2	55.50	1/2	251.63	1/2	447.75	1/2	643.88	1/2	840.01	1/2	1,036.14	1/2	1,232.27	1/2	1,428.39	1/2	1,624.52	1/2	1,820.65	1/2	2,016.78	1/2	2,212.91	1/2	2,408.78	1/2	2,598.68	1/2	2,772.40
3/4	59.58	3/4	255.71	3/4	451.84	3/4	647.97	3/4	844.10	3/4	1,040.22	3/4	1,236.35	3/4	1,432.48	3/4	1,628.61	3/4	1,824.74	3/4	2,020.86	3/4	2,216.99	3/4	2,412.80	3/4	2,602.53	3/4	2,774.10
4	63.67	4	259.80	4	455.93	4	652.05	4	848.18	4	1,044.31	4	1,240.44	4	1,436.57	4	1,632.69	4	1,828.82	4	2,024.95	4	2,221.08	4	2,416.82	4	2,606.37	4	2,775.81
1/4	67.76	1/4	263.88	1/4	460.01	1/4	656.14	1/4	852.27	1/4	1,048.40	1/4	1,244.52	1/4	1,440.65	1/4	1,636.78	1/4	1,832.91	1/4	2,029.04	1/4	2,225.16	1/4	2,420.84	1/4	2,610.22	1/4	2,777.51
1/2	71.84	1/2	267.97	1/2	464.10	1/2	660.23	1/2	856.35	1/2	1,052.48	1/2	1,248.61	1/2	1,444.74	1/2	1,640.87	1/2	1,836.99	1/2	2,033.12	1/2	2,229.25	1/2	2,424.86	1/2	2,614.07	1/2	2,779.21
3/4	75.93	3/4	272.06	3/4	468.18	3/4	664.31	3/4	860.44	3/4	1,056.57	3/4	1,252.70	3/4	1,448.82	3/4	1,644.95	3/4	1,841.08	3/4	2,037.21	3/4	2,233.34	3/4	2,428.89	3/4	2,617.92	3/4	2,780.23
5	80.01	5	276.14	5	472.27	5	668.40	5	864.53	5	1,060.65	5	1,256.78	5	1,452.91	5	1,649.04	5	1,845.17	5	2,041.29	5	2,237.42	5	2,432.91	5	2,621.76	5	2,781.25
1/4	84.10	1/4	280.23	1/4	476.36	1/4	672.48	1/4	868.61	1/4	1,064.74	1/4	1,260.87	1/4	1,456.99	1/4	1,653.12	1/4	1,849.25	1/4	2,045.38	1/4	2,241.51	1/4	2,436.93	1/4	2,625.61	1/4	2,782.27
1/2	88.19	1/2	284.31	1/2	480.44	1/2	676.57	1/2	872.70	1/2	1,068.83	1/2	1,264.95	1/2	1,461.08	1/2	1,657.21	1/2	1,853.34	1/2	2,049.47	1/2	2,245.59	1/2	2,440.95	1/2	2,629.46	1/2	2,783.29
3/4	92.27	3/4	288.40	3/4	484.53	3/4	680.66	3/4	876.78	3/4	1,072.91	3/4	1,269.04	3/4	1,465.17	3/4	1,661.30	3/4	1,857.42	3/4	2,053.55	3/4	2,249.68	3/4	2,444.97	3/4	2,633.30	3/4	2,783.63
6	96.36	6	292.49	6	488.61	6	684.74	6	880.87	6	1,077.00	6	1,273.13	6	1,469.25	6	1,665.38	6	1,861.51	6	2,057.64	6	2,253.76	6	2,448.99	6	2,637.15	6	2,783.97
1/4	100.44	1/4	296.57	1/4	492.70	1/4	688.83	1/4	884.96	1/4	1,081.08	1/4	1,277.21	1/4	1,473.34	1/4	1,669.47	1/4	1,865.60	1/4	2,061.72	1/4	2,257.85	1/4	2,453.01	1/4	2,641.00	1/4	2,784.31
1/2	104.53	1/2	300.66	1/2	496.79	1/2	692.91	1/2	889.04	1/2	1,085.17	1/2	1,281.30	1/2	1,477.43	1/2	1,673.55	1/2	1,869.68	1/2	2,065.81	1/2	2,261.94	1/2	2,457.03	1/2	2,644.85	1/2	2,784.65
3/4	108.62	3/4	304.74	3/4	500.87	3/4	697.00	3/4	893.13	3/4	1,089.26	3/4	1,285.38	3/4	1,481.51	3/4	1,677.64	3/4	1,873.77	3/4	2,069.90	3/4	2,266.02	3/4	2,461.01	3/4	2,648.65	3/4	
7	112.70	7	308.83	7	504.96	7	701.09	7	897.21	7	1,093.34	7	1,289.47	7	1,485.60	7	1,681.73	7	1,877.85	7	2,073.98	7	2,270.11	7	2,464.99	7	2,652.45	7	
1/4	116.79	1/4	312.92	1/4	509.04	1/4	705.17	1/4	901.30	1/4	1,097.43	1/4	1,293.56	1/4	1,489.68	1/4	1,685.81	1/4	1,881.94	1/4	2,078.07	1/4	2,274.19	1/4	2,468.97	1/4	2,656.26	1/4	
1/2	120.87	1/2	317.00	1/2	513.13	1/2	709.26	1/2	905.39	1/2	1,101.51	1/2	1,297.64	1/2	1,493.77	1/2	1,689.90	1/2	1,886.03	1/2	2,082.15	1/2	2,278.28	1/2	2,472.94	1/2	2,660.06	1/2	
3/4	124.96	3/4	321.09	3/4	517.22	3/4	713.34	3/4	909.47	3/4	1,105.60	3/4	1,301.73	3/4	1,497.86	3/4	1,693.98	3/4	1,890.11	3/4	2,086.24	3/4	2,282.37	3/4	2,476.92	3/4	2,663.87	3/4	
8	129.05	8	325.17	8	521.30	8	717.43	8	913.56	8	1,109.69	8	1,305.81	8	1,501.94	8	1,698.07	8	1,894.20	8	2,090.33	8	2,td						



BARGE "CTCo-3019"

CENAC TOWING COMPANY

INNAGE TABLE

4 STAR

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

HULL NO. 2078-1

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	N	10 FT.	N	11 FT.	N	12 FT.	N	13 FT.	N	14 FT.
0	* 12.83	0	202.59	0	398.72	0	594.85	0	790.98	0	987.11	0	1,183.23	0	1,379.36	0	1,575.49	0	1,771.62	0	1,967.75	0	2,163.87	0	2,360.00	0	2,551.99	0	2,735.63
1/4	15.24	1/4	206.68	1/4	402.81	1/4	598.94	1/4	795.06	1/4	991.19	1/4	1,187.32	1/4	1,383.45	1/4	1,579.58	1/4	1,775.70	1/4	1,971.83	1/4	2,167.96	1/4	2,364.07	1/4	2,555.88	1/4	2,739.37
1/2	17.64	1/2	210.77	1/2	406.89	1/2	603.02	1/2	799.15	1/2	995.28	1/2	1,191.41	1/2	1,387.53	1/2	1,583.66	1/2	1,779.79	1/2	1,975.92	1/2	2,172.05	1/2	2,368.13	1/2	2,559.77	1/2	2,743.12
3/4	21.01	3/4	214.85	3/4	410.98	3/4	607.11	3/4	803.24	3/4	999.36	3/4	1,195.49	3/4	1,391.62	3/4	1,587.75	3/4	1,783.88	3/4	1,980.00	3/4	2,176.13	3/4	2,372.20	3/4	2,563.66	3/4	2,746.86
1	24.37	1	218.94	1	415.07	1	611.19	1	807.32	1	1,003.45	1	1,199.58	1	1,395.71	1	1,591.83	1	1,787.96	1	1,984.09	1	2,180.22	1	2,376.26	1	2,567.55	1	2,750.61
1/4	27.74	1/4	223.02	1/4	419.15	1/4	615.28	1/4	811.41	1/4	1,007.54	1/4	1,203.66	1/4	1,399.79	1/4	1,595.92	1/4	1,792.05	1/4	1,988.18	1/4	2,184.30	1/4	2,380.33	1/4	2,571.44	1/4	2,753.67
1/2	31.10	1/2	227.11	1/2	423.24	1/2	619.37	1/2	815.49	1/2	1,011.62	1/2	1,207.75	1/2	1,403.88	1/2	1,600.01	1/2	1,796.13	1/2	1,992.26	1/2	2,188.39	1/2	2,384.39	1/2	2,575.33	1/2	2,756.74
3/4	35.07	3/4	231.20	3/4	427.32	3/4	623.45	3/4	819.58	3/4	1,015.71	3/4	1,211.84	3/4	1,407.96	3/4	1,604.09	3/4	1,800.22	3/4	1,996.35	3/4	2,192.48	3/4	2,388.46	3/4	2,579.23	3/4	2,759.80
2	39.15	2	235.28	2	431.41	2	627.54	2	823.67	2	1,019.79	2	1,215.92	2	1,412.05	2	1,608.18	2	1,804.31	2	2,000.43	2	2,196.56	2	2,392.52	2	2,583.12	2	2,762.87
1/4	43.24	1/4	239.37	1/4	435.50	1/4	631.62	1/4	827.75	1/4	1,023.88	1/4	1,220.01	1/4	1,416.14	1/4	1,612.26	1/4	1,808.39	1/4	2,004.52	1/4	2,200.65	1/4	2,396.59	1/4	2,587.01	1/4	2,765.25
1/2	47.33	1/2	243.45	1/2	439.58	1/2	635.71	1/2	831.84	1/2	1,027.97	1/2	1,224.09	1/2	1,420.22	1/2	1,616.35	1/2	1,812.48	1/2	2,008.61	1/2	2,204.73	1/2	2,400.65	1/2	2,590.90	1/2	2,767.64
3/4	51.41	3/4	247.54	3/4	443.67	3/4	639.80	3/4	835.92	3/4	1,032.05	3/4	1,228.18	3/4	1,424.31	3/4	1,620.44	3/4	1,816.56	3/4	2,012.69	3/4	2,208.82	3/4	2,404.72	3/4	2,594.79	3/4	2,770.02
3	55.50	3	251.63	3	447.75	3	643.88	3	840.01	3	1,036.14	3	1,232.27	3	1,428.39	3	1,624.52	3	1,820.65	3	2,016.78	3	2,212.91	3	2,408.78	3	2,598.68	3	2,772.40
1/4	59.58	1/4	255.71	1/4	451.84	1/4	647.97	1/4	844.10	1/4	1,040.22	1/4	1,236.35	1/4	1,432.48	1/4	1,628.61	1/4	1,824.74	1/4	2,020.86	1/4	2,216.99	1/4	2,412.80	1/4	2,602.53	1/4	2,774.10
1/2	63.67	1/2	259.80	1/2	455.93	1/2	652.05	1/2	848.18	1/2	1,044.31	1/2	1,240.44	1/2	1,436.57	1/2	1,632.69	1/2	1,828.82	1/2	2,024.95	1/2	2,221.08	1/2	2,416.82	1/2	2,606.37	1/2	2,775.81
3/4	67.76	3/4	263.88	3/4	460.01	3/4	656.14	3/4	852.27	3/4	1,048.40	3/4	1,244.52	3/4	1,440.65	3/4	1,636.78	3/4	1,832.91	3/4	2,029.04	3/4	2,225.16	3/4	2,420.84	3/4	2,610.22	3/4	2,777.51
4	71.84	4	267.97	4	464.10	4	660.23	4	856.35	4	1,052.48	4	1,248.61	4	1,444.74	4	1,640.87	4	1,836.99	4	2,033.12	4	2,229.25	4	2,424.86	4	2,614.07	4	2,779.21
1/4	75.93	1/4	272.06	1/4	468.18	1/4	664.31	1/4	860.44	1/4	1,056.57	1/4	1,252.70	1/4	1,448.82	1/4	1,644.95	1/4	1,841.08	1/4	2,037.21	1/4	2,233.34	1/4	2,428.89	1/4	2,617.92	1/4	2,780.23
1/2	80.01	1/2	276.14	1/2	472.27	1/2	668.40	1/2	864.53	1/2	1,060.65	1/2	1,256.78	1/2	1,452.91	1/2	1,649.04	1/2	1,845.17	1/2	2,041.29	1/2	2,237.42	1/2	2,432.91	1/2	2,621.76	1/2	2,781.25
3/4	84.10	3/4	280.23	3/4	476.36	3/4	672.48	3/4	868.61	3/4	1,064.74	3/4	1,260.87	3/4	1,457.00	3/4	1,653.12	3/4	1,849.25	3/4	2,045.38	3/4	2,241.51	3/4	2,436.93	3/4	2,625.61	3/4	2,782.27
5	88.19	5	284.31	5	480.44	5	676.57	5	872.70	5	1,068.83	5	1,264.95	5	1,461.08	5	1,657.21	5	1,853.34	5	2,049.47	5	2,245.59	5	2,440.95	5	2,629.46	5	2,783.29
1/4	92.27	1/4	288.40	1/4	484.53	1/4	680.66	1/4	876.78	1/4	1,072.91	1/4	1,269.04	1/4	1,465.17	1/4	1,661.30	1/4	1,857.42	1/4	2,053.55	1/4	2,249.68	1/4	2,444.97	1/4	2,633.30	1/4	2,783.63
1/2	96.36	1/2	292.49	1/2	488.61	1/2	684.74	1/2	880.87	1/2	1,077.00	1/2	1,273.13	1/2	1,469.25	1/2	1,665.38	1/2	1,861.51	1/2	2,057.64	1/2	2,253.76	1/2	2,448.99	1/2	2,637.15	1/2	2,783.97
3/4	100.44	3/4	296.57	3/4	492.70	3/4	688.83	3/4	884.96	3/4	1,081.08	3/4	1,277.21	3/4	1,473.34	3/4	1,669.47	3/4	1,865.60	3/4	2,061.72	3/4	2,257.85	3/4	2,453.01	3/4	2,641.00	3/4	2,784.31
6	104.53	6	300.66	6	496.79	6	692.91	6	889.04	6	1,085.17	6	1,281.30	6	1,477.43	6	1,673.55	6	1,869.68	6	2,065.81	6	2,261.94	6	2,457.03	6	2,644.85	6	2,784.65
1/4	108.62	1/4	304.74	1/4	500.87	1/4	697.00	1/4	893.13	1/4	1,089.26	1/4	1,285.38	1/4	1,481.51	1/4	1,677.64	1/4	1,873.77	1/4	2,069.90	1/4	2,266.02	1/4	2,461.01	1/4	2,648.65	1/4	
1/2	112.70	1/2	308.83	1/2	504.96	1/2	701.09	1/2	897.21	1/2	1,093.34	1/2	1,289.47	1/2	1,485.60	1/2	1,681.73	1/2	1,877.85	1/2	2,073.98	1/2	2,270.11	1/2	2,464.99	1/2	2,652.45	1/2	
3/4	116.79	3/4	312.92	3/4	509.04	3/4	705.17	3/4	901.30	3/4	1,097.43	3/4	1,293.56	3/4	1,489.68	3/4	1,685.81	3/4	1,881.94	3/4	2,078.07	3/4	2,274.19	3/4	2,468.87	3/4	2,656.26	3/4	
7	120.87	7	317.00	7	513.13	7	709.26	7	905.39	7	1,101.51	7	1,297.64	7	1,493.77	7	1,689.90	7	1,886.03	7	2,082.15	7	2,278.28	7	2,472.94	7	2,660.06	7	
1/4	124.96	1/4	321.09	1/4	517.22	1/4	713.34	1/4	909.47	1/4	1,105.60	1/4	1,301.73	1/4	1,497.86	1/4	1,693.98	1/4	1,890.11	1/4	2,086.24	1/4	2,282.37	1/4	2,476.92	1/4	2,663.87	1/4	
1/2	129.05	1/2	325.17	1/2	521.30	1/2	717.43	1/2	913.56	1/2	1,109.69	1/2	1,305.81	1/2	1,501.94	1/2	1,698.07	1/2	1,894.20	1/2	2,090.33	1/2	2,286.45	1/2	2,480.90	1/2	2,667.67	1/2	
3/4	133.13	3/4	329.26	3/4	525.39	3/4	721.52	3/4	917.64	3/4	1,113.77	3/4	1,309.90	3/4	1,506.03	3/4	1,702.16	3/4	1,898.28	3/4	2,094.41	3/4	2,290.54	3/4	2,484.88	3/4	2,671.47	3/4	
8	137.22	8	333.35	8	529.47	8	725.60	8	921.73	8	1,117.86	8	1,313.99	8	1,510.11	8	1,706.24	8	1,902.37	8	2,098.50	8	2,294.62	8	2,488.86	8	2,675.28	8	
1/4	141.30	1/4	337.43	1/4	533.56	1/4	729.69	1/4	925.82	1/4	1,121.94	1/																	



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTCo-3019" CENAC TOWING COMPANY

INNAGE TABLE

5 PORT

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

HULL NO. 2078-1

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	* 18.12	0	288.45	0	567.85	0	847.26	0	1,126.67	0	1,406.08	0	1,685.49	0	1,964.89	0	2,244.30	0	2,523.71	0	2,753.87	0	2,864.46	0	2,975.05	0	3,083.26	0	3,186.78
1/4	21.54	1/4	294.27	1/4	573.68	1/4	853.08	1/4	1,132.49	1/4	1,411.90	1/4	1,691.31	1/4	1,970.71	1/4	2,250.12	1/4	2,529.53	1/4	2,756.17	1/4	2,866.76	1/4	2,977.34	1/4	3,085.45	1/4	3,188.89
1/2	24.96	1/2	300.09	1/2	579.50	1/2	858.90	1/2	1,138.31	1/2	1,417.72	1/2	1,697.13	1/2	1,976.54	1/2	2,255.94	1/2	2,535.35	1/2	2,758.48	1/2	2,869.07	1/2	2,979.63	1/2	3,087.64	1/2	3,191.00
3/4	29.76	3/4	305.91	3/4	585.32	3/4	864.73	3/4	1,144.13	3/4	1,423.54	3/4	1,702.95	3/4	1,982.36	3/4	2,261.76	3/4	2,541.17	3/4	2,760.78	3/4	2,871.37	3/4	2,981.92	3/4	3,089.84	3/4	3,193.12
1	34.55	1	311.73	1	591.14	1	870.55	1	1,149.95	1	1,429.36	1	1,708.77	1	1,988.18	1	2,267.59	1	2,546.99	1	2,763.08	1	2,873.68	1	2,984.22	1	3,092.03	1	3,195.23
1/4	39.34	1/4	317.55	1/4	596.96	1/4	876.37	1/4	1,155.78	1/4	1,435.18	1/4	1,714.59	1/4	1,994.00	1/4	2,273.41	1/4	2,552.81	1/4	2,765.39	1/4	2,875.98	1/4	2,986.51	1/4	3,094.23	1/4	3,196.95
1/2	44.14	1/2	323.37	1/2	602.78	1/2	882.19	1/2	1,161.60	1/2	1,441.00	1/2	1,720.41	1/2	1,999.82	1/2	2,279.23	1/2	2,558.64	1/2	2,767.69	1/2	2,878.28	1/2	2,988.80	1/2	3,096.42	1/2	3,198.68
3/4	49.79	3/4	329.19	3/4	608.60	3/4	888.01	3/4	1,167.42	3/4	1,446.83	3/4	1,726.23	3/4	2,005.64	3/4	2,285.05	3/4	2,564.46	3/4	2,770.00	3/4	2,880.59	3/4	2,991.09	3/4	3,098.61	3/4	3,200.41
2	55.61	2	335.01	2	614.42	2	893.83	2	1,173.24	2	1,452.65	2	1,732.05	2	2,011.46	2	2,290.87	2	2,570.28	2	2,772.30	2	2,882.89	2	2,993.38	2	3,100.81	2	3,202.14
1/4	61.43	1/4	340.84	1/4	620.24	1/4	899.65	1/4	1,179.06	1/4	1,458.47	1/4	1,737.87	1/4	2,017.28	1/4	2,296.69	1/4	2,576.10	1/4	2,774.60	1/4	2,885.20	1/4	2,995.67	1/4	3,103.00	1/4	3,203.48
1/2	67.25	1/2	346.66	1/2	626.06	1/2	905.47	1/2	1,184.88	1/2	1,464.29	1/2	1,743.70	1/2	2,023.10	1/2	2,302.51	1/2	2,581.92	1/2	2,776.91	1/2	2,887.50	1/2	2,997.96	1/2	3,105.20	1/2	3,204.82
3/4	73.07	3/4	352.48	3/4	631.89	3/4	911.29	3/4	1,190.70	3/4	1,470.11	3/4	1,749.52	3/4	2,028.92	3/4	2,308.33	3/4	2,587.74	3/4	2,779.21	3/4	2,889.80	3/4	3,000.25	3/4	3,107.39	3/4	3,206.16
3	78.89	3	358.30	3	637.71	3	917.11	3	1,196.52	3	1,475.93	3	1,755.34	3	2,034.75	3	2,314.15	3	2,593.56	3	2,781.52	3	2,892.11	3	3,002.54	3	3,109.58	3	3,207.51
1/4	84.71	1/4	364.12	1/4	643.53	1/4	922.94	1/4	1,202.34	1/4	1,481.75	1/4	1,761.16	1/4	2,040.57	1/4	2,319.97	1/4	2,599.38	1/4	2,783.82	1/4	2,894.41	1/4	3,004.81	1/4	3,111.75	1/4	3,208.47
1/2	90.53	1/2	369.94	1/2	649.35	1/2	928.76	1/2	1,208.16	1/2	1,487.57	1/2	1,766.98	1/2	2,046.39	1/2	2,325.80	1/2	2,605.20	1/2	2,786.12	1/2	2,896.72	1/2	3,007.08	1/2	3,113.92	1/2	3,209.43
3/4	96.35	3/4	375.76	3/4	655.17	3/4	934.58	3/4	1,213.99	3/4	1,493.39	3/4	1,772.80	3/4	2,052.21	3/4	2,331.62	3/4	2,611.02	3/4	2,788.43	3/4	2,899.02	3/4	3,009.34	3/4	3,116.09	3/4	3,210.38
4	102.17	4	381.58	4	660.99	4	940.40	4	1,219.81	4	1,499.21	4	1,778.62	4	2,058.03	4	2,337.44	4	2,616.85	4	2,790.73	4	2,901.32	4	3,011.61	4	3,118.26	4	3,211.34
1/4	108.00	1/4	387.40	1/4	666.81	1/4	946.22	1/4	1,225.63	1/4	1,505.04	1/4	1,784.44	1/4	2,063.85	1/4	2,343.26	1/4	2,622.67	1/4	2,793.04	1/4	2,903.63	1/4	3,013.88	1/4	3,120.43	1/4	3,211.92
1/2	113.82	1/2	393.22	1/2	672.63	1/2	952.04	1/2	1,231.45	1/2	1,510.86	1/2	1,790.26	1/2	2,069.67	1/2	2,349.08	1/2	2,628.49	1/2	2,795.34	1/2	2,905.93	1/2	3,016.15	1/2	3,122.60	1/2	3,212.49
3/4	119.64	3/4	399.05	3/4	678.45	3/4	957.86	3/4	1,237.27	3/4	1,516.68	3/4	1,796.08	3/4	2,075.49	3/4	2,354.90	3/4	2,634.31	3/4	2,797.64	3/4	2,908.24	3/4	3,018.41	3/4	3,124.77	3/4	3,213.07
5	125.46	5	404.87	5	684.27	5	963.68	5	1,243.09	5	1,522.50	5	1,801.91	5	2,081.31	5	2,360.72	5	2,640.13	5	2,799.95	5	2,910.54	5	3,020.68	5	3,126.94	5	3,213.64
1/4	131.28	1/4	410.69	1/4	690.10	1/4	969.50	1/4	1,248.91	1/4	1,528.32	1/4	1,807.73	1/4	2,087.13	1/4	2,366.54	1/4	2,645.95	1/4	2,802.25	1/4	2,912.84	1/4	3,022.95	1/4	3,129.10	1/4	3,213.83
1/2	137.10	1/2	416.51	1/2	695.92	1/2	975.32	1/2	1,254.73	1/2	1,534.14	1/2	1,813.55	1/2	2,092.96	1/2	2,372.36	1/2	2,651.77	1/2	2,804.56	1/2	2,915.15	1/2	3,025.21	1/2	3,131.27	1/2	3,214.02
3/4	142.92	3/4	422.33	3/4	701.74	3/4	981.15	3/4	1,260.55	3/4	1,539.96	3/4	1,819.37	3/4	2,098.78	3/4	2,378.18	3/4	2,657.30	3/4	2,806.86	3/4	2,917.45	3/4	3,027.48	3/4	3,133.44	3/4	3,214.21
6	148.74	6	428.15	6	707.56	6	986.97	6	1,266.37	6	1,545.78	6	1,825.19	6	2,104.60	6	2,384.01	6	2,662.83	6	2,809.16	6	2,919.76	6	3,029.75	6	3,135.61	6	3,214.40
1/4	154.56	1/4	433.97	1/4	713.38	1/4	992.79	1/4	1,272.20	1/4	1,551.60	1/4	1,831.01	1/4	2,110.42	1/4	2,389.83	1/4	2,668.35	1/4	2,811.47	1/4	2,922.06	1/4	3,031.99	1/4	3,137.76	1/4	3,214.40
1/2	160.38	1/2	439.79	1/2	719.20	1/2	998.61	1/2	1,278.02	1/2	1,557.42	1/2	1,836.83	1/2	2,116.24	1/2	2,395.65	1/2	2,673.88	1/2	2,813.77	1/2	2,924.36	1/2	3,034.23	1/2	3,139.90	1/2	3,214.40
3/4	166.21	3/4	445.61	3/4	725.02	3/4	1,004.43	3/4	1,283.84	3/4	1,563.25	3/4	1,842.65	3/4	2,122.06	3/4	2,401.47	3/4	2,678.82	3/4	2,816.08	3/4	2,926.67	3/4	3,036.47	3/4	3,142.04	3/4	3,214.40
7	172.03	7	451.43	7	730.84	7	1,010.25	7	1,289.66	7	1,569.07	7	1,848.47	7	2,127.88	7	2,407.29	7	2,683.76	7	2,818.38	7	2,928.97	7	3,038.72	7	3,144.19	7	3,214.40
1/4	177.85	1/4	457.26	1/4	736.66	1/4	1,016.07	1/4	1,295.48	1/4	1,574.89	1/4	1,854.29	1/4	2,133.70	1/4	2,413.11	1/4	2,688.70	1/4	2,820.68	1/4	2,931.28	1/4	3,040.96	1/4	3,146.33	1/4	3,214.40
1/2	183.67	1/2	463.08	1/2	742.48	1/2	1,021.89	1/2	1,301.30	1/2	1,580.71	1/2	1,860.12	1/2	2,139.52	1/2	2,418.93	1/2	2,693.64	1/2	2,822.99	1/2	2,933.58	1/2	3,043.20	1/2	3,148.48	1/2	3,214.40
3/4	189.49	3/4	468.90	3/4	748.31	3/4	1,027.71	3/4	1,307.12	3/4	1,586.53	3/4	1,865.94	3/4	2,145.34	3/4	2,424.75	3/4	2,698.00	3/4	2,825.29	3/4	2,935.88	3/4	3,045.44	3/4	3,150.62	3/4	3,214.40
8	195.31	8	474.72	8	754.13	8	1,033.53	8	1,312.94	8	1,592.35	8	1,871.76	8	2,151.17	8	2,430.57												



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTCo-3019" CENAC TOWING COMPANY

INNAGE TABLE

5 STAR

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

HULL NO. 2078-1

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	* 24.96	0	300.09	0	579.50	0	858.90	0	1,138.31	0	1,417.72	0	1,697.13	0	1,976.54	0	2,255.94	0	2,535.35	0	2,758.48	0	2,869.07	0	2,979.63	0	3,087.64	0	3,191.00
1/4	29.76	1/4	305.91	1/4	585.32	1/4	864.73	1/4	1,144.13	1/4	1,423.54	1/4	1,702.95	1/4	1,982.36	1/4	2,261.76	1/4	2,541.17	1/4	2,760.78	1/4	2,871.37	1/4	2,981.92	1/4	3,089.84	1/4	3,193.12
1/2	34.55	1/2	311.73	1/2	591.14	1/2	870.55	1/2	1,149.95	1/2	1,429.36	1/2	1,708.77	1/2	1,988.18	1/2	2,267.59	1/2	2,546.99	1/2	2,763.08	1/2	2,873.68	1/2	2,984.22	1/2	3,092.03	1/2	3,195.23
3/4	39.34	3/4	317.55	3/4	596.96	3/4	876.37	3/4	1,155.78	3/4	1,435.18	3/4	1,714.59	3/4	1,994.00	3/4	2,273.41	3/4	2,552.81	3/4	2,765.39	3/4	2,875.98	3/4	2,986.51	3/4	3,094.23	3/4	3,196.95
1	44.14	1	323.37	1	602.78	1	882.19	1	1,161.60	1	1,441.00	1	1,720.41	1	1,999.82	1	2,279.23	1	2,558.64	1	2,767.69	1	2,878.28	1	2,988.80	1	3,096.42	1	3,198.68
1/4	49.79	1/4	329.19	1/4	608.60	1/4	888.01	1/4	1,167.42	1/4	1,446.83	1/4	1,726.23	1/4	2,005.64	1/4	2,285.05	1/4	2,564.46	1/4	2,770.00	1/4	2,880.59	1/4	2,991.09	1/4	3,098.61	1/4	3,200.41
1/2	55.61	1/2	335.01	1/2	614.42	1/2	893.83	1/2	1,173.24	1/2	1,452.65	1/2	1,732.05	1/2	2,011.46	1/2	2,290.87	1/2	2,570.28	1/2	2,772.30	1/2	2,882.89	1/2	2,993.38	1/2	3,100.81	1/2	3,202.14
3/4	61.43	3/4	340.84	3/4	620.24	3/4	899.65	3/4	1,179.06	3/4	1,458.47	3/4	1,737.87	3/4	2,017.28	3/4	2,296.69	3/4	2,576.10	3/4	2,774.60	3/4	2,885.20	3/4	2,995.67	3/4	3,103.00	3/4	3,203.48
2	67.25	2	346.66	2	626.06	2	905.47	2	1,184.88	2	1,464.29	2	1,743.70	2	2,023.10	2	2,302.51	2	2,581.92	2	2,776.91	2	2,887.50	2	2,997.96	2	3,105.20	2	3,204.82
1/4	73.07	1/4	352.48	1/4	631.89	1/4	911.29	1/4	1,190.70	1/4	1,470.11	1/4	1,749.52	1/4	2,028.92	1/4	2,308.33	1/4	2,587.74	1/4	2,779.21	1/4	2,889.80	1/4	3,000.25	1/4	3,107.39	1/4	3,206.16
1/2	78.89	1/2	358.30	1/2	637.71	1/2	917.11	1/2	1,196.52	1/2	1,475.93	1/2	1,755.34	1/2	2,034.75	1/2	2,314.15	1/2	2,593.56	1/2	2,781.52	1/2	2,892.11	1/2	3,002.54	1/2	3,109.58	1/2	3,207.51
3/4	84.71	3/4	364.12	3/4	643.53	3/4	922.94	3/4	1,202.34	3/4	1,481.75	3/4	1,761.16	3/4	2,040.57	3/4	2,319.97	3/4	2,599.38	3/4	2,783.82	3/4	2,894.41	3/4	3,004.81	3/4	3,111.75	3/4	3,208.47
3	90.53	3	369.94	3	649.35	3	928.76	3	1,208.16	3	1,487.57	3	1,766.98	3	2,046.39	3	2,325.80	3	2,605.20	3	2,786.12	3	2,896.72	3	3,007.08	3	3,113.92	3	3,209.43
1/4	96.35	1/4	375.76	1/4	655.17	1/4	934.58	1/4	1,213.99	1/4	1,493.39	1/4	1,772.80	1/4	2,052.21	1/4	2,331.62	1/4	2,611.02	1/4	2,788.43	1/4	2,899.02	1/4	3,009.34	1/4	3,116.09	1/4	3,210.38
1/2	102.17	1/2	381.58	1/2	660.99	1/2	940.40	1/2	1,219.81	1/2	1,499.21	1/2	1,778.62	1/2	2,058.03	1/2	2,337.44	1/2	2,616.85	1/2	2,790.73	1/2	2,901.32	1/2	3,011.61	1/2	3,118.26	1/2	3,211.34
3/4	108.00	3/4	387.40	3/4	666.81	3/4	946.22	3/4	1,225.63	3/4	1,505.04	3/4	1,784.44	3/4	2,063.85	3/4	2,343.26	3/4	2,622.67	3/4	2,793.04	3/4	2,903.63	3/4	3,013.88	3/4	3,120.43	3/4	3,211.92
4	113.82	4	393.22	4	672.63	4	952.04	4	1,231.45	4	1,510.86	4	1,790.26	4	2,069.67	4	2,349.08	4	2,628.49	4	2,795.34	4	2,905.93	4	3,016.15	4	3,122.60	4	3,212.49
1/4	119.64	1/4	399.05	1/4	678.45	1/4	957.86	1/4	1,237.27	1/4	1,516.68	1/4	1,796.08	1/4	2,075.49	1/4	2,354.90	1/4	2,634.31	1/4	2,797.64	1/4	2,908.24	1/4	3,018.41	1/4	3,124.77	1/4	3,213.07
1/2	125.46	1/2	404.87	1/2	684.27	1/2	963.68	1/2	1,243.09	1/2	1,522.50	1/2	1,801.91	1/2	2,081.31	1/2	2,360.72	1/2	2,640.13	1/2	2,799.95	1/2	2,910.54	1/2	3,020.68	1/2	3,126.94	1/2	3,213.64
3/4	131.28	3/4	410.69	3/4	690.10	3/4	969.50	3/4	1,248.91	3/4	1,528.32	3/4	1,807.73	3/4	2,087.13	3/4	2,366.54	3/4	2,645.95	3/4	2,802.25	3/4	2,912.84	3/4	3,022.95	3/4	3,129.10	3/4	3,213.83
5	137.10	5	416.51	5	695.92	5	975.32	5	1,254.73	5	1,534.14	5	1,813.55	5	2,092.96	5	2,372.36	5	2,651.77	5	2,804.56	5	2,915.15	5	3,025.21	5	3,131.27	5	3,214.02
1/4	142.92	1/4	422.33	1/4	701.74	1/4	981.15	1/4	1,260.55	1/4	1,539.96	1/4	1,819.37	1/4	2,098.78	1/4	2,378.18	1/4	2,657.30	1/4	2,806.86	1/4	2,917.45	1/4	3,027.48	1/4	3,133.44	1/4	3,214.21
1/2	148.74	1/2	428.15	1/2	707.56	1/2	986.97	1/2	1,266.37	1/2	1,545.78	1/2	1,825.19	1/2	2,104.60	1/2	2,384.01	1/2	2,662.83	1/2	2,809.16	1/2	2,919.76	1/2	3,029.75	1/2	3,135.61	1/2	3,214.40
3/4	154.56	3/4	433.97	3/4	713.38	3/4	992.79	3/4	1,272.20	3/4	1,551.60	3/4	1,831.01	3/4	2,110.42	3/4	2,389.83	3/4	2,668.35	3/4	2,811.47	3/4	2,922.06	3/4	3,031.99	3/4	3,137.76	3/4	
6	160.38	6	439.79	6	719.20	6	998.61	6	1,278.02	6	1,557.42	6	1,836.83	6	2,116.24	6	2,395.65	6	2,673.88	6	2,813.77	6	2,924.36	6	3,034.23	6	3,139.90	6	
1/4	166.21	1/4	445.61	1/4	725.02	1/4	1,004.43	1/4	1,283.84	1/4	1,563.25	1/4	1,842.65	1/4	2,122.06	1/4	2,401.47	1/4	2,678.82	1/4	2,816.08	1/4	2,926.67	1/4	3,036.47	1/4	3,142.04	1/4	
1/2	172.03	1/2	451.43	1/2	730.84	1/2	1,010.25	1/2	1,289.66	1/2	1,569.07	1/2	1,848.47	1/2	2,127.88	1/2	2,407.29	1/2	2,683.76	1/2	2,818.38	1/2	2,928.97	1/2	3,038.72	1/2	3,144.19	1/2	
3/4	177.85	3/4	457.26	3/4	736.66	3/4	1,016.07	3/4	1,295.48	3/4	1,574.89	3/4	1,854.29	3/4	2,133.70	3/4	2,413.11	3/4	2,688.70	3/4	2,820.68	3/4	2,931.28	3/4	3,040.96	3/4	3,146.33	3/4	
7	183.67	7	463.08	7	742.48	7	1,021.89	7	1,301.30	7	1,580.71	7	1,860.12	7	2,139.52	7	2,418.93	7	2,693.64	7	2,822.99	7	2,933.58	7	3,043.20	7	3,148.48	7	
1/4	189.49	1/4	468.90	1/4	748.31	1/4	1,027.71	1/4	1,307.12	1/4	1,586.53	1/4	1,865.94	1/4	2,145.34	1/4	2,424.75	1/4	2,698.00	1/4	2,825.29	1/4	2,935.88	1/4	3,045.44	1/4	3,150.62	1/4	
1/2	195.31	1/2	474.72	1/2	754.13	1/2	1,033.53	1/2	1,312.94	1/2	1,592.35	1/2	1,871.76	1/2	2,151.17	1/2	2,430.57	1/2	2,702.35	1/2	2,827.60	1/2	2,938.19	1/2	3,047.68	1/2	3,152.76	1/2	
3/4	201.13	3/4	480.54	3/4	759.95	3/4	1,039.36	3/4	1,318.76	3/4	1,598.17	3/4	1,877.58	3/4	2,156.99	3/4	2,436.39	3/4	2,706.71	3/4	2,829.90	3/4	2,940.49	3/4	3,049.93	3/4	3,154.91	3/4	
8	206.95	8	486.36	8	765.77	8	1,045.18	8	1,324.58	8	1,603.99	8	1,883.40	8	2,162.81	8	2,442.22	8	2,711.06	8	2,832.20	8	2,942.80	8	3,052.17	8	3,157.05	8	
1/4	212.77	1/4	492.18	1/4	771.59	1/4	1,051.00	1/4	1,330.41	1/4	1,609.81	1/4	1,889.22	1/4	2,168.63	1/4	2,448.04	1/4	2,714.83	1/4	2,834.51	1/4	2,945.10	1/4	3,054.41	1/4	3,159.20	1/4	
1/2	218.59	1/2	498.00	1/2	777.41	1/2	1,056.82	1/2	1,336.23	1/2	1,615.63	1/2	1,895.04	1/2	2,174.45	1/2	2,453.86	1/2	2,718.60	1/2	2,836.81	1/2	2,947.40	1/2	3,056.65	1/2	3,161.34	1/2	
3/4	224.42	3/4	503.82	3/4	783.23	3/4	1,062.64	3/4	1,342.05	3/4	1,621.45	3/4	1,900.86	3/4	2,180.27	3/4	2,459.68	3/4	2,722.37	3/4	2,839.12	3/4	2,949.71	3/4	3,058.87	3/4	3,163.46	3/4	
9	230.24	9	509.64	9	789.05	9	1,068.46	9	1,347.87	9	1,627.28	9	1,906.68	9	2,186.09	9	2,465.50	9	2,726.14	9	2,841.42	9	2,952.01	9	3,061.09	9	3,165.58	9	
1/4	236.06	1/4	515.47	1/4	794.87	1/4	1,074.28	1/4	1,353.69	1/4	1,633.10	1/4	1,912.50	1/4	2,191.91	1/4	2,471.32	1/4	2,729.32	1/4	2,843.72	1/4	2,954.32	1/4	3,063.30	1/4	3,167.70	1/4	
1/2	241.88	1/2	521.29	1/2	800.69	1/2	1,080.10	1/2	1,359.51	1/2	1,638.92	1/2	1,918.33	1/2	2,197.73	1/2	2,477.14	1/2	2,732.51	1/2	2,846.03	1/2	2,956.62	1/2	3,065.52	1/2	3,169.82	1/2	



BARGE "CTCo-3019" **CENAC TOWING COMPANY**

OUTAGE TABLE

1 PORT

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

HULL NO. 2078-1

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	2,747.61	0	2,587.09	0	2,397.01	0	2,200.25	0	2,002.82	0	1,805.40	0	1,607.97	0	1,410.55	0	1,213.13	0	1,015.70	0	818.28	0	620.85	0	423.43	0	228.87	0	61.47
1/4		1/4	2,746.58	1/4	2,583.22	1/4	2,392.96	1/4	2,196.13	1/4	1,998.71	1/4	1,801.29	1/4	1,603.86	1/4	1,406.44	1/4	1,209.01	1/4	1,011.59	1/4	814.16	1/4	616.74	1/4	419.32	1/4	225.00	1/4	58.30
1/2		1/2	2,745.56	1/2	2,579.34	1/2	2,388.92	1/2	2,192.02	1/2	1,994.60	1/2	1,797.17	1/2	1,599.75	1/2	1,402.32	1/2	1,204.90	1/2	1,007.48	1/2	810.05	1/2	612.63	1/2	415.20	1/2	221.14	1/2	55.13
3/4		3/4	2,743.84	3/4	2,575.47	3/4	2,384.87	3/4	2,187.91	3/4	1,990.48	3/4	1,793.06	3/4	1,595.64	3/4	1,398.21	3/4	1,200.79	3/4	1,003.36	3/4	805.94	3/4	608.51	3/4	411.09	3/4	217.27	3/4	51.96
1		1	2,742.13	1	2,571.60	1	2,380.82	1	2,183.79	1	1,986.37	1	1,788.95	1	1,591.52	1	1,394.10	1	1,196.67	1	999.25	1	801.83	1	604.40	1	406.98	1	213.41	1	48.79
1/4		1/4	2,740.42	1/4	2,567.73	1/4	2,376.78	1/4	2,179.68	1/4	1,982.26	1/4	1,784.83	1/4	1,587.41	1/4	1,389.99	1/4	1,192.56	1/4	995.14	1/4	797.71	1/4	600.29	1/4	402.86	1/4	209.72	1/4	45.80
1/2		1/2	2,738.70	1/2	2,563.85	1/2	2,372.73	1/2	2,175.57	1/2	1,978.14	1/2	1,780.72	1/2	1,583.30	1/2	1,385.87	1/2	1,188.45	1/2	991.02	1/2	793.60	1/2	596.18	1/2	398.75	1/2	206.03	1/2	42.81
3/4		3/4	2,736.31	3/4	2,559.94	3/4	2,368.64	3/4	2,171.46	3/4	1,974.03	3/4	1,776.61	3/4	1,579.18	3/4	1,381.76	3/4	1,184.34	3/4	986.91	3/4	789.49	3/4	592.06	3/4	394.64	3/4	202.34	3/4	39.81
2		2	2,733.91	2	2,556.02	2	2,364.55	2	2,167.34	2	1,969.92	2	1,772.49	2	1,575.07	2	1,377.65	2	1,180.22	2	982.80	2	785.37	2	587.95	2	390.53	2	198.65	2	36.82
1/4		1/4	2,731.51	1/4	2,552.10	1/4	2,360.46	1/4	2,163.23	1/4	1,965.81	1/4	1,768.38	1/4	1,570.96	1/4	1,373.53	1/4	1,176.11	1/4	978.68	1/4	781.26	1/4	583.84	1/4	386.41	1/4	194.95	1/4	33.82
1/2		1/2	2,729.11	1/2	2,548.19	1/2	2,356.36	1/2	2,159.12	1/2	1,961.69	1/2	1,764.27	1/2	1,566.84	1/2	1,369.42	1/2	1,172.00	1/2	974.57	1/2	777.15	1/2	579.72	1/2	382.30	1/2	191.26	1/2	30.83
3/4		3/4	2,726.03	3/4	2,544.27	3/4	2,352.27	3/4	2,155.00	3/4	1,957.58	3/4	1,760.16	3/4	1,562.73	3/4	1,365.31	3/4	1,167.88	3/4	970.46	3/4	773.03	3/4	575.61	3/4	378.19	3/4	187.57	3/4	27.84
3		3	2,722.94	3	2,540.36	3	2,348.18	3	2,150.89	3	1,953.47	3	1,756.04	3	1,558.62	3	1,361.19	3	1,163.77	3	966.35	3	768.92	3	571.50	3	374.07	3	183.88	3	24.92
1/4		1/4	2,719.86	1/4	2,536.44	1/4	2,344.09	1/4	2,146.78	1/4	1,949.35	1/4	1,751.93	1/4	1,554.51	1/4	1,357.08	1/4	1,159.66	1/4	962.23	1/4	764.81	1/4	567.38	1/4	369.96	1/4	180.19	1/4	22.36
1/2		1/2	2,716.78	1/2	2,532.52	1/2	2,340.00	1/2	2,142.66	1/2	1,945.24	1/2	1,747.82	1/2	1,550.39	1/2	1,352.97	1/2	1,155.54	1/2	958.12	1/2	760.70	1/2	563.27	1/2	365.85	1/2	176.50	1/2	19.81
3/4		3/4	2,713.01	3/4	2,528.61	3/4	2,335.91	3/4	2,138.55	3/4	1,941.13	3/4	1,743.70	3/4	1,546.28	3/4	1,348.86	3/4	1,151.43	3/4	954.01	3/4	756.58	3/4	559.16	3/4	361.73	3/4	172.81	3/4	17.26
4		4	2,709.24	4	2,524.69	4	2,331.82	4	2,134.44	4	1,937.01	4	1,739.59	4	1,542.17	4	1,344.74	4	1,147.32	4	949.89	4	752.47	4	555.05	4	357.62	4	169.12	4	14.71
1/4		1/4	2,705.47	1/4	2,520.78	1/4	2,327.73	1/4	2,130.33	1/4	1,932.90	1/4	1,735.48	1/4	1,538.05	1/4	1,340.63	1/4	1,143.21	1/4	945.78	1/4	748.36	1/4	550.93	1/4	353.51	1/4	165.60	1/4	12.92
1/2		1/2	2,701.70	1/2	2,516.86	1/2	2,323.64	1/2	2,126.21	1/2	1,928.79	1/2	1,731.36	1/2	1,533.94	1/2	1,336.52	1/2	1,139.09	1/2	941.67	1/2	744.24	1/2	546.82	1/2	349.40	1/2	162.09	1/2	11.14
3/4		3/4	2,697.91	3/4	2,512.90	3/4	2,319.52	3/4	2,122.10	3/4	1,924.68	3/4	1,727.25	3/4	1,529.83	3/4	1,332.40	3/4	1,134.98	3/4	937.55	3/4	740.13	3/4	542.71	3/4	345.28	3/4	158.57	3/4	
5		5	2,694.13	5	2,508.94	5	2,315.41	5	2,117.99	5	1,920.56	5	1,723.14	5	1,525.71	5	1,328.29	5	1,130.87	5	933.44	5	736.02	5	538.59	5	341.17	5	155.05	5	
1/4		1/4	2,690.34	1/4	2,504.98	1/4	2,311.30	1/4	2,113.87	1/4	1,916.45	1/4	1,719.03	1/4	1,521.60	1/4	1,324.18	1/4	1,126.75	1/4	929.33	1/4	731.90	1/4	534.48	1/4	337.06	1/4	151.54	1/4	
1/2		1/2	2,686.56	1/2	2,501.02	1/2	2,307.18	1/2	2,109.76	1/2	1,912.34	1/2	1,714.91	1/2	1,517.49	1/2	1,320.06	1/2	1,122.64	1/2	925.22	1/2	727.79	1/2	530.37	1/2	332.94	1/2	148.02	1/2	
3/4		3/4	2,682.77	3/4	2,497.06	3/4	2,303.07	3/4	2,105.65	3/4	1,908.22	3/4	1,710.80	3/4	1,513.38	3/4	1,315.95	3/4	1,118.53	3/4	921.10	3/4	723.68	3/4	526.25	3/4	328.83	3/4	144.51	3/4	
6		6	2,678.99	6	2,493.10	6	2,298.96	6	2,101.53	6	1,904.11	6	1,706.69	6	1,509.26	6	1,311.84	6	1,114.41	6	916.99	6	719.57	6	522.14	6	324.72	6	140.99	6	
1/4		1/4	2,675.20	1/4	2,489.14	1/4	2,294.85	1/4	2,097.42	1/4	1,900.00	1/4	1,702.57	1/4	1,505.15	1/4	1,307.73	1/4	1,110.30	1/4	912.88	1/4	715.45	1/4	518.03	1/4	320.60	1/4	137.47	1/4	
1/2		1/2	2,671.42	1/2	2,485.18	1/2	2,290.73	1/2	2,093.31	1/2	1,895.88	1/2	1,698.46	1/2	1,501.04	1/2	1,303.61	1/2	1,106.19	1/2	908.76	1/2	711.34	1/2	513.92	1/2	316.49	1/2	133.96	1/2	
3/4		3/4	2,667.63	3/4	2,481.22	3/4	2,286.62	3/4	2,089.20	3/4	1,891.77	3/4	1,694.35	3/4	1,496.92	3/4	1,299.50	3/4	1,102.08	3/4	904.65	3/4	707.23	3/4	509.80	3/4	312.38	3/4	130.44	3/4	
7		7	2,663.85	7	2,477.26	7	2,282.51	7	2,085.08	7	1,887.66	7	1,690.23	7	1,492.81	7	1,295.39	7	1,097.96	7	900.54	7	703.11	7	505.69	7	308.27	7	126.93	7	
1/4		1/4	2,660.06	1/4	2,473.30	1/4	2,278.39	1/4	2,080.97	1/4	1,883.55	1/4	1,686.12	1/4	1,488.70	1/4	1,291.27	1/4	1,093.85	1/4	896.42	1/4	699.00	1/4	501.58	1/4	304.15	1/4	123.58	1/4	
1/2		1/2	2,656.28	1/2	2,469.34	1/2	2,274.28	1/2	2,076.86	1/2	1,879.43	1/2	1,682.01	1/2	1,484.58	1/2	1,287.16	1/2	1,089.74	1/2	892.31	1/2	694.89	1/2	497.46	1/2	300.12	1/2	120.24	1/2	
3/4		3/4	2,652.45	3/4	2,465.34	3/4	2,270.17	3/4	2,072.74	3/4	1,875.32	3/4	1,677.90	3/4	1,480.47	3/4	1,283.05	3/4	1,085.62	3/4	888.20	3/4	690.77	3/4	493.35	3/4	296.09	3/4	116.90	3/4	</



BARGE "CTCo-3019" **CENAC TOWING COMPANY**

OUTAGE TABLE

1 STAR

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

HULL NO. 2078-1

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	0	2,745.56	0	2,579.34	0	2,388.92	0	2,192.02	0	1,994.60	0	1,797.17	0	1,599.75	0	1,402.32	0	1,204.90	0	1,007.48	0	810.05	0	612.63	0	415.20	0	221.14	0	55.13	
1/4	1/4	2,743.84	1/4	2,575.47	1/4	2,384.87	1/4	2,187.91	1/4	1,990.48	1/4	1,793.06	1/4	1,595.64	1/4	1,398.21	1/4	1,200.79	1/4	1,003.36	1/4	805.94	1/4	608.51	1/4	411.09	1/4	217.27	1/4	51.96	
1/2	1/2	2,742.13	1/2	2,571.60	1/2	2,380.82	1/2	2,183.79	1/2	1,986.37	1/2	1,788.95	1/2	1,591.52	1/2	1,394.10	1/2	1,196.67	1/2	999.25	1/2	801.83	1/2	604.40	1/2	406.98	1/2	213.41	1/2	48.79	
3/4	3/4	2,740.42	3/4	2,567.73	3/4	2,376.78	3/4	2,179.68	3/4	1,982.26	3/4	1,784.83	3/4	1,587.41	3/4	1,389.99	3/4	1,192.56	3/4	995.14	3/4	797.71	3/4	600.29	3/4	402.86	3/4	209.72	3/4	45.80	
1	1	2,738.70	1	2,563.85	1	2,372.73	1	2,175.57	1	1,978.14	1	1,780.72	1	1,583.30	1	1,385.87	1	1,188.45	1	991.02	1	793.60	1	596.18	1	398.75	1	206.03	1	42.81	
1/4	1/4	2,736.31	1/4	2,559.94	1/4	2,368.64	1/4	2,171.46	1/4	1,974.03	1/4	1,776.61	1/4	1,579.18	1/4	1,381.76	1/4	1,184.34	1/4	986.91	1/4	789.49	1/4	592.06	1/4	394.64	1/4	202.34	1/4	39.81	
1/2	1/2	2,733.91	1/2	2,556.02	1/2	2,364.55	1/2	2,167.34	1/2	1,969.92	1/2	1,772.49	1/2	1,575.07	1/2	1,377.65	1/2	1,180.22	1/2	982.80	1/2	785.37	1/2	587.95	1/2	390.53	1/2	198.65	1/2	36.82	
3/4	3/4	2,731.51	3/4	2,552.10	3/4	2,360.46	3/4	2,163.23	3/4	1,965.81	3/4	1,768.38	3/4	1,570.96	3/4	1,373.53	3/4	1,176.11	3/4	978.68	3/4	781.26	3/4	583.84	3/4	386.41	3/4	194.95	3/4	33.82	
2	2	2,729.11	2	2,548.19	2	2,356.36	2	2,159.12	2	1,961.69	2	1,764.27	2	1,566.84	2	1,369.42	2	1,172.00	2	974.57	2	777.15	2	579.72	2	382.30	2	191.26	2	30.83	
1/4	1/4	2,726.03	1/4	2,544.27	1/4	2,352.27	1/4	2,155.00	1/4	1,957.58	1/4	1,760.16	1/4	1,562.73	1/4	1,365.31	1/4	1,167.88	1/4	970.46	1/4	773.03	1/4	575.61	1/4	378.19	1/4	187.57	1/4	27.84	
1/2	1/2	2,722.94	1/2	2,540.36	1/2	2,348.18	1/2	2,150.89	1/2	1,953.47	1/2	1,756.04	1/2	1,558.62	1/2	1,361.19	1/2	1,163.77	1/2	966.35	1/2	768.92	1/2	571.50	1/2	374.07	1/2	183.88	1/2	24.92	
3/4	3/4	2,719.86	3/4	2,536.44	3/4	2,344.09	3/4	2,146.78	3/4	1,949.35	3/4	1,751.93	3/4	1,554.51	3/4	1,357.08	3/4	1,159.66	3/4	962.23	3/4	764.81	3/4	567.38	3/4	369.96	3/4	180.19	3/4	22.36	
3	3	2,716.78	3	2,532.52	3	2,340.00	3	2,142.66	3	1,945.24	3	1,747.82	3	1,550.39	3	1,352.97	3	1,155.54	3	958.12	3	760.70	3	563.27	3	365.85	3	176.50	3	19.81	
1/4	1/4	2,713.01	1/4	2,528.61	1/4	2,335.91	1/4	2,138.55	1/4	1,941.13	1/4	1,743.70	1/4	1,546.28	1/4	1,348.86	1/4	1,151.43	1/4	954.01	1/4	756.58	1/4	559.16	1/4	361.73	1/4	172.81	1/4	17.26	
1/2	1/2	2,709.24	1/2	2,524.69	1/2	2,331.82	1/2	2,134.44	1/2	1,937.01	1/2	1,739.59	1/2	1,542.17	1/2	1,344.74	1/2	1,147.32	1/2	949.89	1/2	752.47	1/2	555.05	1/2	357.62	1/2	169.12	1/2	14.71	
3/4	3/4	2,705.47	3/4	2,520.78	3/4	2,327.73	3/4	2,130.33	3/4	1,932.90	3/4	1,735.48	3/4	1,538.05	3/4	1,340.63	3/4	1,143.21	3/4	945.78	3/4	748.36	3/4	550.93	3/4	353.51	3/4	165.60	3/4	12.92	
4	4	2,701.70	4	2,516.86	4	2,323.64	4	2,126.21	4	1,928.79	4	1,731.36	4	1,533.94	4	1,336.52	4	1,139.09	4	941.67	4	744.24	4	546.82	4	349.40	4	162.09	4	* 11.14	
1/4	1/4	2,697.91	1/4	2,512.90	1/4	2,319.52	1/4	2,122.10	1/4	1,924.68	1/4	1,727.25	1/4	1,529.83	1/4	1,332.40	1/4	1,134.98	1/4	937.55	1/4	740.13	1/4	542.71	1/4	345.28	1/4	158.57	1/4		
1/2	1/2	2,694.13	1/2	2,508.94	1/2	2,315.41	1/2	2,117.99	1/2	1,920.56	1/2	1,723.14	1/2	1,525.71	1/2	1,328.29	1/2	1,130.87	1/2	933.44	1/2	736.02	1/2	538.59	1/2	341.17	1/2	155.05	1/2		
3/4	3/4	2,690.34	3/4	2,504.98	3/4	2,311.30	3/4	2,113.87	3/4	1,916.45	3/4	1,719.03	3/4	1,521.60	3/4	1,324.18	3/4	1,126.75	3/4	929.33	3/4	731.90	3/4	534.48	3/4	337.06	3/4	151.54	3/4		
5	5	2,686.56	5	2,501.02	5	2,307.18	5	2,109.76	5	1,912.34	5	1,714.91	5	1,517.49	5	1,320.06	5	1,122.64	5	925.22	5	727.79	5	530.37	5	332.94	5	148.02	5		
1/4	1/4	2,682.77	1/4	2,497.06	1/4	2,303.07	1/4	2,105.65	1/4	1,908.22	1/4	1,710.80	1/4	1,513.38	1/4	1,315.95	1/4	1,118.53	1/4	921.10	1/4	723.68	1/4	526.25	1/4	328.83	1/4	144.51	1/4		
1/2	1/2	2,678.99	1/2	2,493.10	1/2	2,298.96	1/2	2,101.53	1/2	1,904.11	1/2	1,706.69	1/2	1,509.26	1/2	1,311.84	1/2	1,114.41	1/2	916.99	1/2	719.57	1/2	522.14	1/2	324.72	1/2	140.99	1/2		
3/4	3/4	2,675.20	3/4	2,489.14	3/4	2,294.85	3/4	2,097.42	3/4	1,900.00	3/4	1,702.57	3/4	1,505.15	3/4	1,307.73	3/4	1,110.30	3/4	912.88	3/4	715.45	3/4	518.03	3/4	320.60	3/4	137.47	3/4		
6	6	2,671.42	6	2,485.18	6	2,290.73	6	2,093.31	6	1,895.88	6	1,698.46	6	1,501.04	6	1,303.61	6	1,106.19	6	908.76	6	711.34	6	513.92	6	316.49	6	133.96	6		
1/4	1/4	2,667.63	1/4	2,481.22	1/4	2,286.62	1/4	2,089.20	1/4	1,891.77	1/4	1,694.35	1/4	1,496.92	1/4	1,299.50	1/4	1,102.08	1/4	904.65	1/4	707.23	1/4	509.80	1/4	312.38	1/4	130.44	1/4		
1/2	1/2	2,663.85	1/2	2,477.26	1/2	2,282.51	1/2	2,085.08	1/2	1,887.66	1/2	1,690.23	1/2	1,492.81	1/2	1,295.39	1/2	1,097.96	1/2	900.54	1/2	703.11	1/2	505.69	1/2	308.27	1/2	126.93	1/2		
3/4	3/4	2,660.06	3/4	2,473.30	3/4	2,278.39	3/4	2,080.97	3/4	1,883.55	3/4	1,686.12	3/4	1,488.70	3/4	1,291.27	3/4	1,093.85	3/4	896.42	3/4	699.00	3/4	501.58	3/4	304.15	3/4	123.58	3/4		
7	7	2,656.28	7	2,469.34	7	2,274.28	7	2,076.86	7	1,879.43	7	1,682.01	7	1,484.58	7	1,287.16	7	1,089.74	7	892.31	7	694.89	7	497.46	7	300.12	7	120.24	7		
1/4	1/4	2,652.45	1/4	2,465.34	1/4	2,270.17	1/4	2,072.74	1/4	1,875.32	1/4	1,677.90	1/4	1,480.47	1/4	1,283.05	1/4	1,085.62	1/4	888.20	1/4	690.77	1/4	493.35	1/4	296.09	1/4	116.90	1/4		
1/2	1/2	2,648.62	1/2	2,461.33	1/2	2,266.05	1/2	2,068.63	1/2	1,871.21	1/2	1,673.78	1/2	1,476.36	1/2	1,278.93	1/2	1,081.51	1/2	884.09	1/2	686.66	1/2	489.24	1/2	292.05	1/2	113.56	1/2		
3/4	3/4	2,644.79	3/4	2,457.33	3/4	2,261.94	3/4	2,064.52	3/4	1,867.09	3/4	1,669.67	3/4	1,472.25	3/4	1,274.82	3/4	1,077.40	3/4	879.97	3/4	682.55	3/4	485.12	3/4	288.02	3/4	110.22	3/4		
8	8	2,640.96	8	2,453.32	8	2,257.83	8	2,060.40	8	1,862.98	8	1,665.56																			



BARGE "CTCo-3019" CENAC TOWING COMPANY

OUTAGE TABLE

2 PORT

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

HULL NO. 2078-1

SPEED CONVERSION TABLE																															
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0		0	2,789.45	0	2,623.67	0	2,433.76	0	2,237.43	0	2,040.58	0	1,843.73	0	1,646.88	0	1,450.03	0	1,253.19	0	1,056.34	0	859.49	0	662.64	0	465.79	0	268.95	0	72.10
1/4		1/4	2,787.74	1/4	2,619.81	1/4	2,429.73	1/4	2,233.32	1/4	2,036.48	1/4	1,839.63	1/4	1,642.78	1/4	1,445.93	1/4	1,249.08	1/4	1,052.24	1/4	855.39	1/4	658.54	1/4	461.69	1/4	264.84	1/4	68.00
1/2		1/2	2,786.03	1/2	2,615.95	1/2	2,425.69	1/2	2,229.22	1/2	2,032.38	1/2	1,835.53	1/2	1,638.68	1/2	1,441.83	1/2	1,244.98	1/2	1,048.14	1/2	851.29	1/2	654.44	1/2	457.59	1/2	260.74	1/2	63.90
3/4		3/4	2,784.32	3/4	2,612.09	3/4	2,421.65	3/4	2,225.12	3/4	2,028.27	3/4	1,831.43	3/4	1,634.58	3/4	1,437.73	3/4	1,240.88	3/4	1,044.03	3/4	847.19	3/4	650.34	3/4	453.49	3/4	256.64	3/4	59.79
1		1	2,782.61	1	2,608.23	1	2,417.62	1	2,221.02	1	2,024.17	1	1,827.33	1	1,630.48	1	1,433.63	1	1,236.78	1	1,039.93	1	843.09	1	646.24	1	449.39	1	252.54	1	55.69
1/4		1/4	2,780.22	1/4	2,604.32	1/4	2,413.54	1/4	2,216.92	1/4	2,020.07	1/4	1,823.22	1/4	1,626.38	1/4	1,429.53	1/4	1,232.68	1/4	1,035.83	1/4	838.98	1/4	642.14	1/4	445.29	1/4	248.44	1/4	51.59
1/2		1/2	2,777.83	1/2	2,600.41	1/2	2,409.46	1/2	2,212.82	1/2	2,015.97	1/2	1,819.12	1/2	1,622.28	1/2	1,425.43	1/2	1,228.58	1/2	1,031.73	1/2	834.88	1/2	638.04	1/2	441.19	1/2	244.34	1/2	47.49
3/4		3/4	2,775.44	3/4	2,596.51	3/4	2,405.38	3/4	2,208.72	3/4	2,011.87	3/4	1,815.02	3/4	1,618.17	3/4	1,421.33	3/4	1,224.48	3/4	1,027.63	3/4	830.78	3/4	633.93	3/4	437.09	3/4	240.24	3/4	43.39
2		2	2,773.05	2	2,592.60	2	2,401.30	2	2,204.62	2	2,007.77	2	1,810.92	2	1,614.07	2	1,417.23	2	1,220.38	2	1,023.53	2	826.68	2	629.83	2	432.99	2	236.14	2	39.29
1/4		1/4	2,769.97	1/4	2,588.70	1/4	2,397.22	1/4	2,200.52	1/4	2,003.67	1/4	1,806.82	1/4	1,609.97	1/4	1,413.12	1/4	1,216.28	1/4	1,019.43	1/4	822.58	1/4	625.73	1/4	428.88	1/4	232.04	1/4	35.19
1/2		1/2	2,766.89	1/2	2,584.79	1/2	2,393.14	1/2	2,196.42	1/2	1,999.57	1/2	1,802.72	1/2	1,605.87	1/2	1,409.02	1/2	1,212.18	1/2	1,015.33	1/2	818.48	1/2	621.63	1/2	424.78	1/2	227.94	1/2	31.21
3/4		3/4	2,763.82	3/4	2,580.88	3/4	2,389.06	3/4	2,192.31	3/4	1,995.47	3/4	1,798.62	3/4	1,601.77	3/4	1,404.92	3/4	1,208.07	3/4	1,011.23	3/4	814.38	3/4	617.53	3/4	420.68	3/4	223.83	3/4	27.83
3		3	2,760.74	3	2,576.98	3	2,384.98	3	2,188.21	3	1,991.37	3	1,794.52	3	1,597.67	3	1,400.82	3	1,203.97	3	1,007.13	3	810.28	3	613.43	3	416.58	3	219.73	3	24.45
1/4		1/4	2,756.98	1/4	2,573.07	1/4	2,380.90	1/4	2,184.11	1/4	1,987.26	1/4	1,790.42	1/4	1,593.57	1/4	1,396.72	1/4	1,199.87	1/4	1,003.02	1/4	806.18	1/4	609.33	1/4	412.48	1/4	215.63	1/4	21.08
1/2		1/2	2,753.22	1/2	2,569.17	1/2	2,376.82	1/2	2,180.01	1/2	1,983.16	1/2	1,786.32	1/2	1,589.47	1/2	1,392.62	1/2	1,195.77	1/2	998.92	1/2	802.08	1/2	605.23	1/2	408.38	1/2	211.53	1/2	17.70
3/4		3/4	2,749.46	3/4	2,565.26	3/4	2,372.74	3/4	2,175.91	3/4	1,979.06	3/4	1,782.21	3/4	1,585.37	3/4	1,388.52	3/4	1,191.67	3/4	994.82	3/4	797.97	3/4	601.13	3/4	404.28	3/4	207.43	3/4	15.29
4		4	2,745.70	4	2,561.35	4	2,368.66	4	2,171.81	4	1,974.96	4	1,778.11	4	1,581.27	4	1,384.42	4	1,187.57	4	990.72	4	793.87	4	597.03	4	400.18	4	203.33	4	* 12.88
1/4		1/4	2,741.92	1/4	2,557.40	1/4	2,364.56	1/4	2,167.71	1/4	1,970.86	1/4	1,774.01	1/4	1,577.16	1/4	1,380.32	1/4	1,183.47	1/4	986.62	1/4	789.77	1/4	592.92	1/4	396.08	1/4	199.23	1/4	
1/2		1/2	2,738.15	1/2	2,553.45	1/2	2,360.46	1/2	2,163.61	1/2	1,966.76	1/2	1,769.91	1/2	1,573.06	1/2	1,376.22	1/2	1,179.37	1/2	982.52	1/2	785.67	1/2	588.82	1/2	391.98	1/2	195.13	1/2	
3/4		3/4	2,734.37	3/4	2,549.50	3/4	2,356.36	3/4	2,159.51	3/4	1,962.66	3/4	1,765.81	3/4	1,568.96	3/4	1,372.11	3/4	1,175.27	3/4	978.42	3/4	781.57	3/4	584.72	3/4	387.87	3/4	191.03	3/4	
5		5	2,730.60	5	2,545.55	5	2,352.25	5	2,155.41	5	1,958.56	5	1,761.71	5	1,564.86	5	1,368.01	5	1,171.17	5	974.32	5	777.47	5	580.62	5	383.77	5	186.93	5	
1/4		1/4	2,726.82	1/4	2,541.60	1/4	2,348.15	1/4	2,151.30	1/4	1,954.46	1/4	1,757.61	1/4	1,560.76	1/4	1,363.91	1/4	1,167.06	1/4	970.22	1/4	773.37	1/4	576.52	1/4	379.67	1/4	182.82	1/4	
1/2		1/2	2,723.05	1/2	2,537.65	1/2	2,344.05	1/2	2,147.20	1/2	1,950.36	1/2	1,753.51	1/2	1,556.66	1/2	1,359.81	1/2	1,162.96	1/2	966.12	1/2	769.27	1/2	572.42	1/2	375.57	1/2	178.72	1/2	
3/4		3/4	2,719.27	3/4	2,533.70	3/4	2,339.95	3/4	2,143.10	3/4	1,946.25	3/4	1,749.41	3/4	1,552.56	3/4	1,355.71	3/4	1,158.86	3/4	962.01	3/4	765.17	3/4	568.32	3/4	371.47	3/4	174.62	3/4	
6		6	2,715.50	6	2,529.75	6	2,335.85	6	2,139.00	6	1,942.15	6	1,745.31	6	1,548.46	6	1,351.61	6	1,154.76	6	957.91	6	761.07	6	564.22	6	367.37	6	170.52	6	
1/4		1/4	2,711.72	1/4	2,525.80	1/4	2,331.75	1/4	2,134.90	1/4	1,938.05	1/4	1,741.20	1/4	1,544.36	1/4	1,347.51	1/4	1,150.66	1/4	953.81	1/4	756.96	1/4	560.12	1/4	363.27	1/4	166.42	1/4	
1/2		1/2	2,707.95	1/2	2,521.85	1/2	2,327.65	1/2	2,130.80	1/2	1,933.95	1/2	1,737.10	1/2	1,540.26	1/2	1,343.41	1/2	1,146.56	1/2	949.71	1/2	752.86	1/2	556.02	1/2	359.17	1/2	162.32	1/2	
3/4		3/4	2,704.17	3/4	2,517.90	3/4	2,323.55	3/4	2,126.70	3/4	1,929.85	3/4	1,733.00	3/4	1,536.15	3/4	1,339.31	3/4	1,142.46	3/4	945.61	3/4	748.76	3/4	551.91	3/4	355.07	3/4	158.22	3/4	
7		7	2,700.40	7	2,513.95	7	2,319.45	7	2,122.60	7	1,925.75	7	1,728.90	7	1,532.05	7	1,335.21	7	1,138.36	7	941.51	7	744.66	7	547.81	7	350.97	7	154.12	7	
1/4		1/4	2,696.58	1/4	2,509.96	1/4	2,315.35	1/4	2,118.50	1/4	1,921.65	1/4	1,724.80	1/4	1,527.95	1/4	1,331.10	1/4	1,134.26	1/4	937.41	1/4	740.56	1/4	543.71	1/4	346.86	1/4	150.02	1/4	
1/2		1/2	2,692.76	1/2	2,505.97	1/2	2,311.24	1/2	2,114.40	1/2	1,917.55	1/2	1,720.70	1/2	1,523.85	1/2	1,327.00	1/2	1,130.16	1/2	933.31	1/2	736.46	1/2	539.61	1/2	342.76	1/2	145.92	1/2	
3/4		3/4	2,688.94	3/4	2,501.98	3/4	2,307.14	3/4	2,110.29	3/4	1,913.45	3/4	1,716.60	3/4	1,519.75	3/4	1,322.90	3/4	1,126.0.												



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "CTCo-3019" CENAC TOWING COMPANY

OUTAGE TABLE

2 STAR

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

HULL NO. 2078-1

IN		0 FT.		IN		1 FT.		IN		2 FT.		IN		3 FT.		IN		4 FT.		IN		5 FT.		IN		6 FT.		IN		7 FT.		IN		8 FT.		IN		9 FT.		IN		10 FT.		IN		11 FT.		IN		12 FT.		IN		13 FT.		IN		14 FT.		IN		15 FT.	
0		0	2,787.74	0	2,619.81	0	2,429.73	0	2,233.32	0	2,036.48	0	1,839.63	0	1,642.78	0	1,445.93	0	1,249.08	0	1,052.24	0	855.39	0	658.54	0	461.69	0	264.84	0	68.00																																
1/4		1/4	2,786.03	1/4	2,615.95	1/4	2,425.69	1/4	2,229.22	1/4	2,032.38	1/4	1,835.53	1/4	1,638.68	1/4	1,441.83	1/4	1,244.98	1/4	1,048.14	1/4	851.29	1/4	654.44	1/4	457.59	1/4	260.74	1/4	63.90																																
1/2		1/2	2,784.32	1/2	2,612.09	1/2	2,421.65	1/2	2,225.12	1/2	2,028.27	1/2	1,831.43	1/2	1,634.58	1/2	1,437.73	1/2	1,240.88	1/2	1,044.03	1/2	847.19	1/2	650.34	1/2	453.49	1/2	256.64	1/2	59.79																																
3/4		3/4	2,782.61	3/4	2,608.23	3/4	2,417.62	3/4	2,221.02	3/4	2,024.17	3/4	1,827.33	3/4	1,630.48	3/4	1,433.63	3/4	1,236.78	3/4	1,039.93	3/4	843.09	3/4	646.24	3/4	449.39	3/4	252.54	3/4	55.69																																
1		1	2,780.22	1	2,604.32	1	2,413.54	1	2,216.92	1	2,020.07	1	1,823.22	1	1,626.38	1	1,429.53	1	1,232.68	1	1,035.83	1	838.98	1	642.14	1	445.29	1	248.44	1	51.59																																
1/4		1/4	2,777.83	1/4	2,600.41	1/4	2,409.46	1/4	2,212.82	1/4	2,015.97	1/4	1,819.12	1/4	1,622.28	1/4	1,425.43	1/4	1,228.58	1/4	1,031.73	1/4	834.88	1/4	638.04	1/4	441.19	1/4	244.34	1/4	47.49																																
1/2		1/2	2,775.44	1/2	2,596.51	1/2	2,405.38	1/2	2,208.72	1/2	2,011.87	1/2	1,815.02	1/2	1,618.17	1/2	1,421.33	1/2	1,224.48	1/2	1,027.63	1/2	830.78	1/2	633.93	1/2	437.09	1/2	240.24	1/2	43.39																																
3/4		3/4	2,773.05	3/4	2,592.60	3/4	2,401.30	3/4	2,204.62	3/4	2,007.77	3/4	1,810.92	3/4	1,614.07	3/4	1,417.23	3/4	1,220.38	3/4	1,023.53	3/4	826.68	3/4	629.83	3/4	432.99	3/4	236.14	3/4	39.29																																
2		2	2,769.97	2	2,588.70	2	2,397.22	2	2,200.52	2	2,003.67	2	1,806.82	2	1,609.97	2	1,413.12	2	1,216.28	2	1,019.43	2	822.58	2	625.73	2	428.88	2	232.04	2	35.19																																
1/4		1/4	2,766.89	1/4	2,584.79	1/4	2,393.14	1/4	2,196.42	1/4	1,999.57	1/4	1,802.72	1/4	1,605.87	1/4	1,409.02	1/4	1,212.18	1/4	1,015.33	1/4	818.48	1/4	621.63	1/4	424.78	1/4	227.94	1/4	31.21																																
1/2		1/2	2,763.82	1/2	2,580.88	1/2	2,389.06	1/2	2,192.31	1/2	1,995.47	1/2	1,798.62	1/2	1,601.77	1/2	1,404.92	1/2	1,208.07	1/2	1,011.23	1/2	814.38	1/2	617.53	1/2	420.68	1/2	223.83	1/2	27.83																																
3/4		3/4	2,760.74	3/4	2,576.98	3/4	2,384.98	3/4	2,188.21	3/4	1,991.37	3/4	1,794.52	3/4	1,597.67	3/4	1,400.82	3/4	1,203.97	3/4	1,007.13	3/4	810.28	3/4	613.43	3/4	416.58	3/4	219.73	3/4	24.45																																
3		3	2,756.98	3	2,573.07	3	2,380.90	3	2,184.11	3	1,987.26	3	1,790.42	3	1,593.57	3	1,396.72	3	1,199.87	3	1,003.02	3	806.18	3	609.33	3	412.48	3	215.63	3	21.08																																
1/4		1/4	2,753.22	1/4	2,569.17	1/4	2,376.82	1/4	2,180.01	1/4	1,983.16	1/4	1,786.32	1/4	1,589.47	1/4	1,392.62	1/4	1,195.77	1/4	998.92	1/4	802.08	1/4	605.23	1/4	408.38	1/4	211.53	1/4	17.70																																
1/2		1/2	2,749.46	1/2	2,565.26	1/2	2,372.74	1/2	2,175.91	1/2	1,979.06	1/2	1,782.21	1/2	1,585.37	1/2	1,388.52	1/2	1,191.67	1/2	994.82	1/2	797.97	1/2	601.13	1/2	404.28	1/2	207.43	1/2	15.29																																
3/4		3/4	2,745.70	3/4	2,561.35	3/4	2,368.66	3/4	2,171.81	3/4	1,974.96	3/4	1,778.11	3/4	1,581.27	3/4	1,384.42	3/4	1,187.57	3/4	990.72	3/4	793.87	3/4	597.03	3/4	400.18	3/4	203.33	3/4	* 12.88																																
4		4	2,741.92	4	2,557.40	4	2,364.56	4	2,167.71	4	1,970.86	4	1,774.01	4	1,577.16	4	1,380.32	4	1,183.47	4	986.62	4	789.77	4	592.92	4	396.08	4	199.23	4																																	
1/4		1/4	2,738.15	1/4	2,553.45	1/4	2,360.46	1/4	2,163.61	1/4	1,966.76	1/4	1,769.91	1/4	1,573.06	1/4	1,376.22	1/4	1,179.37	1/4	982.52	1/4	785.67	1/4	588.82	1/4	391.98	1/4	195.13	1/4																																	
1/2		1/2	2,734.37	1/2	2,549.50	1/2	2,356.36	1/2	2,159.51	1/2	1,962.66	1/2	1,765.81	1/2	1,568.96	1/2	1,372.11	1/2	1,175.27	1/2	978.42	1/2	781.57	1/2	584.72	1/2	387.87	1/2	191.03	1/2																																	
3/4		3/4	2,730.60	3/4	2,545.55	3/4	2,352.25	3/4	2,155.41	3/4	1,958.56	3/4	1,761.71	3/4	1,564.86	3/4	1,368.01	3/4	1,171.17	3/4	974.32	3/4	777.47	3/4	580.62	3/4	383.77	3/4	186.93	3/4																																	
5		5	2,726.82	5	2,541.60	5	2,348.15	5	2,151.30	5	1,954.46	5	1,757.61	5	1,560.76	5	1,363.91	5	1,167.06	5	970.22	5	773.37	5	576.62	5	379.67	5	182.82	5																																	
1/4		1/4	2,723.05	1/4	2,537.65	1/4	2,344.05	1/4	2,147.20	1/4	1,950.36	1/4	1,753.51	1/4	1,556.66	1/4	1,359.81	1/4	1,162.96	1/4	966.12	1/4	769.27	1/4	572.42	1/4	375.57	1/4	178.72	1/4																																	
1/2		1/2	2,719.27	1/2	2,533.70	1/2	2,339.95	1/2	2,143.10	1/2	1,946.25	1/2	1,749.41	1/2	1,552.56	1/2	1,355.71	1/2	1,158.86	1/2	962.01	1/2	765.17	1/2	568.32	1/2	371.47	1/2	174.62	1/2																																	
3/4		3/4	2,715.50	3/4	2,529.75	3/4	2,335.85	3/4	2,139.00	3/4	1,942.15	3/4	1,745.31	3/4	1,548.46	3/4	1,351.61	3/4	1,154.76	3/4	957.91	3/4	761.07	3/4	564.22	3/4	367.37	3/4	170.52	3/4																																	
6		6	2,711.72	6	2,525.80	6	2,331.75	6	2,134.90	6	1,938.05	6	1,741.20	6	1,544.36	6	1,347.51	6	1,150.66	6	953.81	6	756.96	6	560.12	6	363.27	6	166.42	6																																	
1/4		1/4	2,707.95	1/4	2,521.85	1/4	2,327.65	1/4	2,130.80	1/4	1,933.95	1/4	1,737.10	1/4	1,540.26	1/4	1,343.41	1/4	1,146.56	1/4	949.71	1/4	752.86	1/4	556.02	1/4	359.17	1/4	162.32	1/4																																	
1/2		1/2	2,704.17	1/2	2,517.90	1/2	2,323.55	1/2	2,126.70	1/2	1,929.85	1/2	1,733.00	1/2	1,536.15	1/2	1,339.31	1/2	1,142.46	1/2	945.61	1/2	748.76	1/2	551.91	1/2	355.07	1/2	158.22	1/2																																	
3/4		3/4	2,700.40	3/4	2,513.95	3/4	2,319.45	3/4	2,122.60	3/4	1,925.75	3/4	1,728.90	3/4	1,532.05	3/4	1,335.21	3/4	1,138.36	3/4	941.51	3/4	744.66	3/4	547.81	3/4	350.97	3/4	154.12	3/4																																	
7		7	2,696.58	7	2,509.96	7	2,315.35	7	2,118.50	7	1,921.65	7	1,724.80	7	1,527.95	7	1,331.10	7	1,134.26	7	937.41	7	740.56	7	543.71	7	346.86	7	150.02	7																																	
1/4		1/4	2,692.76	1/4	2,505.97	1/4	2,311.24	1/4	2,114.40	1/4	1,917.55	1/4	1,720.70	1/4	1,523.85	1/4	1,327.00	1/4	1,130.16	1/4	933.31	1/4	736.46	1/4	539.61	1/4	342.76	1/4	145.92	1/4																																	
1/2		1/2	2,688.94	1/2	2,501.98	1/2	2,307.14	1/2	2,110.29	1/2	1,913.45	1/2	1,716.60	1/2	1,519.75	1/2	1,322.90	1/2	1,126.05	1/2	929.21	1/2	732.36	1/2	535.51	1/2	338.66	1/2	141.81	1/2																																	
3/4		3/4	2,685.12	3/4	2,497.99	3/4	2,303.04	3/4	2,106.19	3/4	1,909.35	3/4	1,712.50	3/4	1,515.85	3/4	1																																														



BARGE "CTCo-3019" CENAC TOWING COMPANY

OUTAGE TABLE

3 PORT

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

HULL NO. 2078-1

DRILL CHARTS OF SHOT-LEVEL REELS WHEN SPICES ARE 1.1 IN.																															
IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	0	2,873.37	0	2,700.30	0	2,504.37	0	2,301.93	0	2,099.04	0	1,896.14	0	1,693.24	0	1,490.35	0	1,287.45	0	1,084.56	0	881.66	0	678.76	0	475.87	0	272.97	0	70.08	
1/4	1/4	2,871.61	1/4	2,696.32	1/4	2,500.21	1/4	2,297.71	1/4	2,094.81	1/4	1,891.91	1/4	1,689.02	1/4	1,486.12	1/4	1,283.23	1/4	1,080.33	1/4	877.43	1/4	674.54	1/4	471.64	1/4	268.74	1/4	65.85	
1/2	1/2	2,869.85	1/2	2,692.34	1/2	2,496.04	1/2	2,293.48	1/2	2,090.58	1/2	1,887.69	1/2	1,684.79	1/2	1,481.89	1/2	1,279.00	1/2	1,076.10	1/2	873.21	1/2	670.31	1/2	467.41	1/2	264.52	1/2	61.62	
3/4	3/4	2,868.09	3/4	2,688.36	3/4	2,491.88	3/4	2,289.25	3/4	2,086.36	3/4	1,883.46	3/4	1,680.56	3/4	1,477.67	3/4	1,274.77	3/4	1,071.87	3/4	868.98	3/4	666.08	3/4	463.19	3/4	260.29	3/4	57.39	
1	1	2,865.62	1	2,684.33	1	2,487.68	1	2,285.02	1	2,082.13	1	1,879.23	1	1,676.34	1	1,473.44	1	1,270.54	1	1,067.65	1	864.75	1	661.86	1	458.96	1	256.06	1	53.17	
1/4	1/4	2,863.16	1/4	2,680.31	1/4	2,483.47	1/4	2,280.80	1/4	2,077.90	1/4	1,875.01	1/4	1,672.11	1/4	1,469.21	1/4	1,266.32	1/4	1,063.42	1/4	860.52	1/4	657.63	1/4	454.73	1/4	251.84	1/4	48.94	
1/2	1/2	2,860.69	1/2	2,676.28	1/2	2,479.27	1/2	2,276.57	1/2	2,073.67	1/2	1,870.78	1/2	1,667.88	1/2	1,464.99	1/2	1,262.09	1/2	1,059.19	1/2	856.30	1/2	653.40	1/2	450.51	1/2	247.61	1/2	44.71	
3/4	3/4	2,858.23	3/4	2,672.26	3/4	2,475.06	3/4	2,272.34	3/4	2,069.45	3/4	1,866.55	3/4	1,663.66	3/4	1,460.76	3/4	1,257.86	3/4	1,054.97	3/4	852.07	3/4	649.17	3/4	446.28	3/4	243.38	3/4	40.49	
2	2	2,855.06	2	2,668.23	2	2,470.86	2	2,268.12	2	2,065.22	2	1,862.32	2	1,659.43	2	1,456.53	2	1,253.64	2	1,050.74	2	847.84	2	644.95	2	442.05	2	239.16	2	36.26	
1/4	1/4	2,851.89	1/4	2,664.20	1/4	2,466.65	1/4	2,263.89	1/4	2,060.99	1/4	1,858.10	1/4	1,655.20	1/4	1,452.31	1/4	1,249.41	1/4	1,046.51	1/4	843.62	1/4	640.72	1/4	437.82	1/4	234.93	1/4	32.16	
1/2	1/2	2,848.71	1/2	2,660.18	1/2	2,462.45	1/2	2,259.66	1/2	2,056.77	1/2	1,853.87	1/2	1,650.97	1/2	1,448.08	1/2	1,245.18	1/2	1,042.29	1/2	839.39	1/2	636.49	1/2	433.60	1/2	230.70	1/2	28.67	
3/4	3/4	2,845.54	3/4	2,656.15	3/4	2,458.24	3/4	2,255.44	3/4	2,052.54	3/4	1,849.64	3/4	1,646.75	3/4	1,443.85	3/4	1,240.96	3/4	1,038.06	3/4	835.16	3/4	632.27	3/4	429.37	3/4	226.47	3/4	25.19	
3	3	2,841.67	3	2,652.13	3	2,454.04	3	2,251.21	3	2,048.31	3	1,845.42	3	1,642.52	3	1,439.62	3	1,236.73	3	1,033.83	3	830.94	3	628.04	3	425.14	3	222.25	3	21.71	
1/4	1/4	2,837.79	1/4	2,648.10	1/4	2,449.83	1/4	2,246.98	1/4	2,044.09	1/4	1,841.19	1/4	1,638.29	1/4	1,435.40	1/4	1,232.50	1/4	1,029.60	1/4	826.71	1/4	623.81	1/4	420.92	1/4	218.02	1/4	* 18.23	
1/2	1/2	2,833.92	1/2	2,644.07	1/2	2,445.63	1/2	2,242.75	1/2	2,039.86	1/2	1,836.96	1/2	1,634.07	1/2	1,431.17	1/2	1,228.27	1/2	1,025.38	1/2	822.48	1/2	619.59	1/2	416.69	1/2	213.79	1/2		
3/4	3/4	2,830.04	3/4	2,640.05	3/4	2,441.42	3/4	2,238.53	3/4	2,035.63	3/4	1,832.74	3/4	1,629.84	3/4	1,426.94	3/4	1,224.05	3/4	1,021.15	3/4	818.25	3/4	615.36	3/4	412.46	3/4	209.57	3/4		
4	4	2,826.15	4	2,635.98	4	2,437.20	4	2,234.30	4	2,031.40	4	1,828.51	4	1,625.61	4	1,422.72	4	1,219.82	4	1,016.92	4	814.03	4	611.13	4	408.24	4	205.34	4		
1/4	1/4	2,822.26	1/4	2,631.91	1/4	2,432.97	1/4	2,230.07	1/4	2,027.18	1/4	1,824.28	1/4	1,621.39	1/4	1,418.49	1/4	1,215.59	1/4	1,012.70	1/4	809.80	1/4	606.90	1/4	404.01	1/4	201.11	1/4		
1/2	1/2	2,818.37	1/2	2,627.83	1/2	2,428.74	1/2	2,225.85	1/2	2,022.95	1/2	1,820.05	1/2	1,617.16	1/2	1,414.26	1/2	1,211.37	1/2	1,008.47	1/2	805.57	1/2	602.68	1/2	399.78	1/2	196.89	1/2		
3/4	3/4	2,814.48	3/4	2,623.76	3/4	2,424.52	3/4	2,221.82	3/4	2,018.72	3/4	1,815.83	3/4	1,612.93	3/4	1,410.04	3/4	1,207.14	3/4	1,004.24	3/4	801.35	3/4	598.45	3/4	395.55	3/4	192.66	3/4		
5	5	2,810.59	5	2,619.69	5	2,420.29	5	2,217.39	5	2,014.50	5	1,811.60	5	1,608.70	5	1,405.81	5	1,202.91	5	1,000.02	5	797.12	5	594.22	5	391.33	5	188.43	5		
1/4	1/4	2,806.70	1/4	2,615.62	1/4	2,416.06	1/4	2,213.17	1/4	2,010.27	1/4	1,807.37	1/4	1,604.48	1/4	1,401.58	1/4	1,198.69	1/4	995.79	1/4	792.89	1/4	590.00	1/4	387.10	1/4	184.20	1/4		
1/2	1/2	2,802.81	1/2	2,611.55	1/2	2,411.83	1/2	2,208.94	1/2	2,006.04	1/2	1,803.15	1/2	1,600.25	1/2	1,397.35	1/2	1,194.46	1/2	991.56	1/2	788.67	1/2	585.77	1/2	382.87	1/2	179.98	1/2		
3/4	3/4	2,798.92	3/4	2,607.48	3/4	2,407.61	3/4	2,204.71	3/4	2,001.82	3/4	1,798.92	3/4	1,596.02	3/4	1,393.13	3/4	1,190.23	3/4	987.33	3/4	784.44	3/4	581.54	3/4	378.65	3/4	175.75	3/4		
6	6	2,795.02	6	2,603.41	6	2,403.38	6	2,200.48	6	1,997.59	6	1,794.69	6	1,591.80	6	1,388.90	6	1,186.00	6	983.11	6	780.21	6	577.32	6	374.42	6	171.52	6		
1/4	1/4	2,791.13	1/4	2,599.34	1/4	2,399.15	1/4	2,196.26	1/4	1,993.36	1/4	1,790.47	1/4	1,587.57	1/4	1,384.67	1/4	1,181.78	1/4	978.88	1/4	775.98	1/4	573.09	1/4	370.19	1/4	167.30	1/4		
1/2	1/2	2,787.24	1/2	2,595.27	1/2	2,394.93	1/2	2,192.03	1/2	1,989.13	1/2	1,786.24	1/2	1,583.34	1/2	1,380.45	1/2	1,177.55	1/2	974.65	1/2	771.76	1/2	568.86	1/2	365.97	1/2	163.07	1/2		
3/4	3/4	2,783.35	3/4	2,591.20	3/4	2,390.70	3/4	2,187.80	3/4	1,984.91	3/4	1,782.01	3/4	1,579.12	3/4	1,376.22	3/4	1,173.32	3/4	970.43	3/4	767.53	3/4	564.63	3/4	361.74	3/4	158.84	3/4		
7	7	2,779.42	7	2,587.08	7	2,386.47	7	2,183.58	7	1,980.68	7	1,777.78	7	1,574.89	7	1,371.99	7	1,169.10	7	966.20	7	763.30	7	560.41	7	357.51	7	154.62	7		
1/4	1/4	2,775.48	1/4	2,582.97	1/4	2,382.25	1/4	2,179.35	1/4	1,976.45	1/4	1,773.56	1/4	1,570.66	1/4	1,367.77	1/4	1,164.87	1/4	961.97	1/4	759.08	1/4	556.18	1/4	353.28	1/4	150.39	1/4		
1/2	1/2	2,771.54	1/2	2,578.85	1/2	2,378.02	1/2	2,175.12	1/2	1,972.23	1/2	1,769.33	1/2	1,566.43	1/2	1,363.54	1/2	1,160.64	1/2	957.75	1/2	754.85	1/2	551.95	1/2	349.06	1/2	146.16	1/2		
3/4	3/4	2,767.61	3/4	2,574.74	3/4	2,373.79	3/4	2,170.90	3/4	1,968.00	3/4	1,765.10	3/4	1,562.21	3/4	1,359.31	3/4	1,156.42	3/4	953.52	3/4	750.62	3/4	547.73	3/4	344.83	3/4	141.93	3/4		
8																															



BARGE "CTCo-3019" CENAC TOWING COMPANY

OUTAGE TABLE

3 STAR

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

HULL NO. 2078-1

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0	0	2,871.61	0	2,696.32	0	2,500.21	0	2,297.71	0	2,094.81	0	1,891.91	0	1,689.02	0	1,486.12	0	1,283.23	0	1,080.33	0	877.43	0	674.54	0	471.64	0	268.74	0	65.85	
1/4	1/4	2,869.85	1/4	2,692.34	1/4	2,496.04	1/4	2,293.48	1/4	2,090.58	1/4	1,887.69	1/4	1,684.79	1/4	1,481.89	1/4	1,279.00	1/4	1,076.10	1/4	873.21	1/4	670.31	1/4	467.41	1/4	264.52	1/4	61.62	
1/2	1/2	2,868.09	1/2	2,688.36	1/2	2,491.88	1/2	2,289.25	1/2	2,086.36	1/2	1,883.46	1/2	1,680.56	1/2	1,477.67	1/2	1,274.77	1/2	1,071.87	1/2	868.98	1/2	666.08	1/2	463.19	1/2	260.29	1/2	57.39	
3/4	3/4	2,866.62	3/4	2,684.33	3/4	2,487.68	3/4	2,285.02	3/4	2,082.13	3/4	1,879.23	3/4	1,676.34	3/4	1,473.44	3/4	1,270.54	3/4	1,067.65	3/4	864.75	3/4	661.86	3/4	458.96	3/4	256.06	3/4	53.17	
1	1	2,863.16	1	2,680.31	1	2,483.47	1	2,280.80	1	2,077.90	1	1,875.01	1	1,672.11	1	1,469.21	1	1,266.32	1	1,063.42	1	860.52	1	657.63	1	454.73	1	251.84	1	48.94	
1/4	1/4	2,860.69	1/4	2,676.28	1/4	2,479.27	1/4	2,276.57	1/4	2,073.67	1/4	1,870.78	1/4	1,667.88	1/4	1,464.99	1/4	1,262.09	1/4	1,059.19	1/4	856.30	1/4	653.40	1/4	450.51	1/4	247.61	1/4	44.71	
1/2	1/2	2,858.23	1/2	2,672.26	1/2	2,475.06	1/2	2,272.34	1/2	2,069.45	1/2	1,866.55	1/2	1,663.66	1/2	1,460.76	1/2	1,257.86	1/2	1,054.97	1/2	852.07	1/2	649.17	1/2	446.28	1/2	243.38	1/2	40.49	
3/4	3/4	2,855.06	3/4	2,668.23	3/4	2,470.86	3/4	2,268.12	3/4	2,065.22	3/4	1,862.32	3/4	1,659.43	3/4	1,456.53	3/4	1,253.64	3/4	1,050.74	3/4	847.84	3/4	644.95	3/4	442.05	3/4	239.16	3/4	36.26	
2	2	2,851.89	2	2,664.20	2	2,466.65	2	2,263.89	2	2,060.99	2	1,858.10	2	1,655.20	2	1,452.31	2	1,249.41	2	1,046.51	2	843.62	2	640.72	2	437.82	2	234.93	2	32.16	
1/4	1/4	2,848.71	1/4	2,660.18	1/4	2,462.45	1/4	2,259.66	1/4	2,056.77	1/4	1,853.87	1/4	1,650.97	1/4	1,448.08	1/4	1,245.18	1/4	1,042.29	1/4	839.39	1/4	636.49	1/4	433.60	1/4	230.70	1/4	28.67	
1/2	1/2	2,845.54	1/2	2,656.15	1/2	2,458.24	1/2	2,255.44	1/2	2,052.54	1/2	1,849.64	1/2	1,646.75	1/2	1,443.85	1/2	1,240.96	1/2	1,038.06	1/2	835.16	1/2	632.27	1/2	429.37	1/2	226.47	1/2	25.19	
3/4	3/4	2,841.67	3/4	2,652.13	3/4	2,454.04	3/4	2,251.21	3/4	2,048.31	3/4	1,845.42	3/4	1,642.52	3/4	1,439.62	3/4	1,236.73	3/4	1,033.83	3/4	830.94	3/4	628.04	3/4	425.14	3/4	222.25	3/4	21.71	
3	3	2,837.79	3	2,648.10	3	2,449.83	3	2,246.98	3	2,044.09	3	1,841.19	3	1,638.29	3	1,435.40	3	1,232.50	3	1,029.60	3	826.71	3	623.81	3	420.92	3	218.02	3	* 18.23	
1/4	1/4	2,833.92	1/4	2,644.07	1/4	2,445.63	1/4	2,242.75	1/4	2,039.86	1/4	1,836.96	1/4	1,634.07	1/4	1,431.17	1/4	1,228.27	1/4	1,025.38	1/4	822.48	1/4	619.59	1/4	416.69	1/4	213.79	1/4		
1/2	1/2	2,830.04	1/2	2,640.05	1/2	2,441.42	1/2	2,238.53	1/2	2,035.63	1/2	1,832.74	1/2	1,629.84	1/2	1,426.94	1/2	1,224.05	1/2	1,021.15	1/2	818.25	1/2	615.36	1/2	412.46	1/2	209.57	1/2		
3/4	3/4	2,826.15	3/4	2,635.98	3/4	2,437.20	3/4	2,234.30	3/4	2,031.40	3/4	1,828.51	3/4	1,625.61	3/4	1,422.72	3/4	1,219.82	3/4	1,016.92	3/4	814.03	3/4	611.13	3/4	408.24	3/4	205.34	3/4		
4	4	2,822.26	4	2,631.91	4	2,432.97	4	2,230.07	4	2,027.18	4	1,824.28	4	1,621.39	4	1,418.49	4	1,215.59	4	1,012.70	4	809.80	4	606.90	4	404.01	4	201.11	4		
1/4	1/4	2,818.37	1/4	2,627.83	1/4	2,428.74	1/4	2,225.85	1/4	2,022.95	1/4	1,820.05	1/4	1,617.16	1/4	1,414.26	1/4	1,211.37	1/4	1,008.47	1/4	805.57	1/4	602.68	1/4	399.78	1/4	196.89	1/4		
1/2	1/2	2,814.48	1/2	2,623.76	1/2	2,424.52	1/2	2,221.62	1/2	2,018.72	1/2	1,815.83	1/2	1,612.93	1/2	1,410.04	1/2	1,207.14	1/2	1,004.24	1/2	801.35	1/2	598.45	1/2	395.55	1/2	192.66	1/2		
3/4	3/4	2,810.59	3/4	2,619.69	3/4	2,420.29	3/4	2,217.39	3/4	2,014.50	3/4	1,811.60	3/4	1,608.70	3/4	1,405.81	3/4	1,202.91	3/4	1,000.02	3/4	797.12	3/4	594.22	3/4	391.33	3/4	188.43	3/4		
5	5	2,806.70	5	2,615.62	5	2,416.06	5	2,213.17	5	2,010.27	5	1,807.37	5	1,604.48	5	1,401.58	5	1,198.69	5	995.79	5	792.89	5	590.00	5	387.10	5	184.20	5		
1/4	1/4	2,802.81	1/4	2,611.55	1/4	2,411.83	1/4	2,208.94	1/4	2,006.04	1/4	1,803.15	1/4	1,600.25	1/4	1,397.35	1/4	1,194.46	1/4	991.56	1/4	788.67	1/4	585.77	1/4	382.87	1/4	179.98	1/4		
1/2	1/2	2,798.92	1/2	2,607.48	1/2	2,407.61	1/2	2,204.71	1/2	2,001.82	1/2	1,798.92	1/2	1,596.02	1/2	1,393.13	1/2	1,190.23	1/2	987.33	1/2	784.44	1/2	581.54	1/2	378.65	1/2	175.75	1/2		
3/4	3/4	2,795.02	3/4	2,603.41	3/4	2,403.38	3/4	2,200.48	3/4	1,997.59	3/4	1,794.69	3/4	1,591.80	3/4	1,388.90	3/4	1,186.00	3/4	983.11	3/4	780.21	3/4	577.32	3/4	374.42	3/4	171.52	3/4		
6	6	2,791.13	6	2,599.34	6	2,399.15	6	2,196.26	6	1,993.36	6	1,790.47	6	1,587.57	6	1,384.67	6	1,181.78	6	978.88	6	775.98	6	573.09	6	370.19	6	167.30	6		
1/4	1/4	2,787.24	1/4	2,595.27	1/4	2,394.93	1/4	2,192.03	1/4	1,989.13	1/4	1,786.24	1/4	1,583.34	1/4	1,380.45	1/4	1,177.55	1/4	974.65	1/4	771.76	1/4	568.86	1/4	365.97	1/4	163.07	1/4		
1/2	1/2	2,783.35	1/2	2,591.20	1/2	2,390.70	1/2	2,187.80	1/2	1,984.91	1/2	1,782.01	1/2	1,579.12	1/2	1,376.22	1/2	1,173.32	1/2	970.43	1/2	767.53	1/2	564.63	1/2	361.74	1/2	158.84	1/2		
3/4	3/4	2,779.42	3/4	2,587.08	3/4	2,386.47	3/4	2,183.58	3/4	1,980.68	3/4	1,777.78	3/4	1,574.89	3/4	1,371.99	3/4	1,169.10	3/4	966.20	3/4	763.30	3/4	560.41	3/4	357.51	3/4	154.62	3/4		
7	7	2,775.48	7	2,582.97	7	2,382.25	7	2,179.35	7	1,976.45	7	1,773.56	7	1,570.66	7	1,367.77	7	1,164.87	7	961.97	7	759.08	7	556.18	7	353.28	7	150.39	7		
1/4	1/4	2,771.54	1/4	2,578.85	1/4	2,378.02	1/4	2,175.12	1/4	1,972.23	1/4	1,769.33	1/4	1,566.43	1/4	1,363.54	1/4	1,160.64	1/4	957.75	1/4	754.85	1/4	551.95	1/4	349.06	1/4	146.16	1/4		
1/2	1/2	2,767.61	1/2	2,574.74	1/2	2,373.79	1/2	2,170.90	1/2	1,968.00	1/2	1,765.10	1/2	1,562.21	1/2	1,359.31	1/2	1,156.42	1/2	953.52	1/2	750.62	1/2	547.73	1/2	344.83	1/2	141.93	1/2		
3/4	3/4	2,763.67	3/4	2,570.62	3/4	2,369.56	3/4	2,166.67	3/4	1,963.77	3/4	1,760.88	3/4	1,557.98	3/4	1,355.08	3/4	1,152.19	3/4	949.29	3/4	746.40	3/4	543.50	3/4	340.60	3/4	137.71	3/4		
8	8																														



BARGE "CTCo-3019" **CENAC TOWING COMPANY**

OUTAGE TABLE

4 PORT

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

HULL NO. 2078-1

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.
0		0	2,777.51	0	2,610.22	0	2,420.84	0	2,225.16	0	2,029.04	0	1,832.91	0	1,636.78	0	1,440.65	0	1,244.52	0	1,048.40	0	852.27	0	656.14	0	460.01	0	263.88	0	67.76
1/4		1/4	2,775.81	1/4	2,606.38	1/4	2,416.82	1/4	2,221.08	1/4	2,024.95	1/4	1,828.82	1/4	1,632.69	1/4	1,436.57	1/4	1,240.44	1/4	1,044.31	1/4	848.18	1/4	652.05	1/4	455.93	1/4	259.80	1/4	63.67
1/2		1/2	2,774.10	1/2	2,602.53	1/2	2,412.80	1/2	2,216.99	1/2	2,020.86	1/2	1,824.74	1/2	1,628.61	1/2	1,432.48	1/2	1,236.35	1/2	1,040.22	1/2	844.10	1/2	647.97	1/2	451.84	1/2	255.71	1/2	59.58
3/4		3/4	2,772.40	3/4	2,598.68	3/4	2,408.78	3/4	2,212.91	3/4	2,016.78	3/4	1,820.65	3/4	1,624.52	3/4	1,428.39	3/4	1,232.27	3/4	1,036.14	3/4	840.01	3/4	643.88	3/4	447.75	3/4	251.63	3/4	55.50
1		1	2,770.02	1	2,594.79	1	2,404.72	1	2,208.82	1	2,012.69	1	1,816.56	1	1,620.44	1	1,424.31	1	1,228.18	1	1,032.05	1	835.92	1	639.80	1	443.67	1	247.54	1	51.41
1/4		1/4	2,767.64	1/4	2,590.90	1/4	2,400.65	1/4	2,204.73	1/4	2,008.61	1/4	1,812.48	1/4	1,616.35	1/4	1,420.22	1/4	1,224.09	1/4	1,027.97	1/4	831.84	1/4	635.71	1/4	439.58	1/4	243.45	1/4	47.33
1/2		1/2	2,765.25	1/2	2,587.01	1/2	2,396.59	1/2	2,200.65	1/2	2,004.52	1/2	1,808.39	1/2	1,612.26	1/2	1,416.14	1/2	1,220.01	1/2	1,023.88	1/2	827.75	1/2	631.62	1/2	435.50	1/2	239.37	1/2	43.24
3/4		3/4	2,762.87	3/4	2,583.12	3/4	2,392.52	3/4	2,196.56	3/4	2,000.43	3/4	1,804.31	3/4	1,608.18	3/4	1,412.05	3/4	1,215.92	3/4	1,019.79	3/4	823.67	3/4	627.54	3/4	431.41	3/4	235.28	3/4	39.15
2		2	2,759.80	2	2,579.23	2	2,388.46	2	2,192.48	2	1,996.35	2	1,800.22	2	1,604.09	2	1,407.96	2	1,211.84	2	1,015.71	2	819.58	2	623.45	2	427.32	2	231.20	2	35.07
1/4		1/4	2,756.74	1/4	2,575.34	1/4	2,384.39	1/4	2,188.39	1/4	1,992.26	1/4	1,796.13	1/4	1,600.01	1/4	1,403.88	1/4	1,207.75	1/4	1,011.62	1/4	815.49	1/4	619.37	1/4	423.24	1/4	227.11	1/4	31.10
1/2		1/2	2,753.67	1/2	2,571.44	1/2	2,380.33	1/2	2,184.30	1/2	1,988.18	1/2	1,792.05	1/2	1,595.92	1/2	1,399.79	1/2	1,203.66	1/2	1,007.54	1/2	811.41	1/2	615.28	1/2	419.15	1/2	223.02	1/2	27.74
3/4		3/4	2,750.61	3/4	2,567.55	3/4	2,376.26	3/4	2,180.22	3/4	1,984.09	3/4	1,787.96	3/4	1,591.83	3/4	1,395.71	3/4	1,199.58	3/4	1,003.45	3/4	807.32	3/4	611.19	3/4	415.07	3/4	218.94	3/4	24.37
3		3	2,746.86	3	2,563.66	3	2,372.20	3	2,176.13	3	1,980.00	3	1,783.88	3	1,587.75	3	1,391.62	3	1,195.49	3	999.36	3	803.24	3	607.11	3	410.98	3	214.85	3	21.01
1/4		1/4	2,743.12	1/4	2,559.77	1/4	2,368.13	1/4	2,172.05	1/4	1,975.92	1/4	1,779.79	1/4	1,583.66	1/4	1,387.53	1/4	1,191.41	1/4	995.28	1/4	799.15	1/4	603.02	1/4	406.89	1/4	210.77	1/4	17.64
1/2		1/2	2,739.37	1/2	2,555.88	1/2	2,364.07	1/2	2,167.96	1/2	1,971.83	1/2	1,775.70	1/2	1,579.58	1/2	1,383.45	1/2	1,187.32	1/2	991.19	1/2	795.06	1/2	598.94	1/2	402.81	1/2	206.68	1/2	15.24
3/4		3/4	2,735.63	3/4	2,551.99	3/4	2,360.00	3/4	2,163.87	3/4	1,967.75	3/4	1,771.62	3/4	1,575.49	3/4	1,379.36	3/4	1,183.23	3/4	987.11	3/4	790.98	3/4	594.85	3/4	398.72	3/4	202.59	3/4	12.83
4		4	2,731.86	4	2,548.05	4	2,355.91	4	2,159.79	4	1,963.66	4	1,767.53	4	1,571.40	4	1,375.28	4	1,179.15	4	983.02	4	786.89	4	590.76	4	394.64	4	198.51	4	10.43
1/4		1/4	2,728.10	1/4	2,544.12	1/4	2,351.83	1/4	2,155.70	1/4	1,959.57	1/4	1,763.45	1/4	1,567.32	1/4	1,371.19	1/4	1,175.06	1/4	978.93	1/4	782.81	1/4	586.68	1/4	390.55	1/4	194.42	1/4	* 8.03
1/2		1/2	2,724.34	1/2	2,540.18	1/2	2,347.74	1/2	2,151.62	1/2	1,955.49	1/2	1,759.36	1/2	1,563.23	1/2	1,367.10	1/2	1,170.98	1/2	974.85	1/2	778.72	1/2	582.59	1/2	386.46	1/2	190.34	1/2	
3/4		3/4	2,720.58	3/4	2,536.25	3/4	2,343.66	3/4	2,147.53	3/4	1,951.40	3/4	1,755.27	3/4	1,559.15	3/4	1,363.02	3/4	1,166.89	3/4	970.76	3/4	774.63	3/4	578.51	3/4	382.38	3/4	186.25	3/4	
5		5	2,716.82	5	2,532.31	5	2,339.57	5	2,143.44	5	1,947.32	5	1,751.19	5	1,555.06	5	1,358.93	5	1,162.80	5	966.68	5	770.55	5	574.42	5	378.29	5	182.16	5	
1/4		1/4	2,713.06	1/4	2,528.38	1/4	2,335.48	1/4	2,139.36	1/4	1,943.23	1/4	1,747.10	1/4	1,550.97	1/4	1,354.85	1/4	1,158.72	1/4	962.59	1/4	766.46	1/4	570.33	1/4	374.21	1/4	178.08	1/4	
1/2		1/2	2,709.30	1/2	2,524.44	1/2	2,331.40	1/2	2,135.27	1/2	1,939.14	1/2	1,743.02	1/2	1,546.89	1/2	1,350.76	1/2	1,154.63	1/2	958.50	1/2	762.38	1/2	566.25	1/2	370.12	1/2	173.99	1/2	
3/4		3/4	2,705.54	3/4	2,520.51	3/4	2,327.31	3/4	2,131.19	3/4	1,935.06	3/4	1,738.93	3/4	1,542.80	3/4	1,346.67	3/4	1,150.55	3/4	954.42	3/4	758.29	3/4	562.16	3/4	366.03	3/4	169.91	3/4	
6		6	2,701.78	6	2,516.57	6	2,323.23	6	2,127.10	6	1,930.97	6	1,734.84	6	1,538.72	6	1,342.59	6	1,146.46	6	950.33	6	754.20	6	558.08	6	361.95	6	165.82	6	
1/4		1/4	2,698.02	1/4	2,512.64	1/4	2,319.14	1/4	2,123.01	1/4	1,926.89	1/4	1,730.76	1/4	1,534.63	1/4	1,338.50	1/4	1,142.37	1/4	946.25	1/4	750.12	1/4	553.99	1/4	357.86	1/4	161.73	1/4	
1/2		1/2	2,694.25	1/2	2,508.70	1/2	2,315.05	1/2	2,118.93	1/2	1,922.80	1/2	1,726.67	1/2	1,530.54	1/2	1,334.42	1/2	1,138.29	1/2	942.16	1/2	746.03	1/2	549.90	1/2	353.78	1/2	157.65	1/2	
3/4		3/4	2,690.49	3/4	2,504.77	3/4	2,310.97	3/4	2,114.84	3/4	1,918.71	3/4	1,722.59	3/4	1,526.46	3/4	1,330.33	3/4	1,134.20	3/4	938.07	3/4	741.95	3/4	545.82	3/4	349.69	3/4	153.56	3/4	
7		7	2,686.69	7	2,500.79	7	2,306.88	7	2,110.76	7	1,914.63	7	1,718.50	7	1,522.37	7	1,326.24	7	1,130.12	7	933.99	7	737.86	7	541.73	7	345.60	7	149.48	7	
1/4		1/4	2,682.89	1/4	2,496.81	1/4	2,302.80	1/4	2,106.67	1/4	1,910.54	1/4	1,714.41	1/4	1,518.29	1/4	1,322.16	1/4	1,126.03	1/4	929.90	1/4	733.77	1/4	537.65	1/4	341.52	1/4	145.39	1/4	
1/2		1/2	2,679.08	1/2	2,492.84	1/2	2,298.71	1/2	2,102.58	1/2	1,906.46	1/2	1,710.33	1/2	1,514.20	1/2	1,318.07	1/2	1,121.94	1/2	925.82	1/2	729.69	1/2	533.56	1/2	337.43	1/2	141.30	1/2	
3/4		3/4	2,675.28	3/4	2,488.86	3/4	2,294.63	3/4	2,098.50	3/4	1,902.37	3/4	1,706.24	3/4	1,510.11	3/4	1,313.99	3/4	1,117.86	3/4	921.73	3/4	725.60	3/4	529.47	3/4	333.35	3/4	137.22	3/4	
8		8	2,671.47	8	2,484.88	8	2,290.54	8	2,094.41	8	1,898.28	8	1,702.16	8	1,506.03	8	1,309.90	8	1,113.77	8	917.64	8	721.52	8	525.39	8	329.26	8	133.13	8	
1/4		1/4	2,667.67	1/4	2,480.90	1/4	2,286.45	1/4	2,090.33	1/4	1,894.20	1/4	1,698.07	1/4	1,501.94	1/4	1,305.81	1/4	1,109.69	1/4	913.56	1/4	717.43	1/4	521.30	1/4	325.17	1/4	129.05	1/4	
1/2		1/2	2,663.87	1/2	2,476.92	1/2	2,282.37	1/2	2,086.24	1/2	1,890.11	1/2	1,693.98	1/2	1,497.86	1/2	1,301.73	1/2	1,105.60	1/2	909.47	1/2	713.34	1/2	517.22	1/2	321.09	1/2	124.96	1/2	
3/4		3/4	2,660.06	3/4	2,472.94	3/4	2,278.28	3/4	2,082.15	3/4	1,886.03	3/4	1,689.90	3/4	1,493.77	3/4	1,297.64	3/4	1,101.51	3/4	905.39	3/4	709.26	3/4	513.13	3/4	317.00	3/4	120.87	3/4	
9		9	2,656.26	9	2,468.97	9	2,274.20	9	2,078.07	9	1,881.94	9	1,685.81	9	1,489.68	9	1,293.56	9	1,097.43	9	901.30	9	705.17	9	509.04	9	312.92	9	116.79	9	
1/4		1/4	2,652.45	1/4	2,464.99	1/4	2,270.11	1/4	2,073.98	1/4	1,877.85	1/4	1,681.73	1/4	1,485.60	1/4	1,289.47	1/4	1,093.34	1/4	897.21	1/4	701.09	1/4	504.96	1/4	308.83	1/4	112.70	1/4	



BARGE "CTCo-3019" CENAC TOWING COMPANY

OUTAGE TABLE

4 STAR

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

HULL NO. 2078-1

IN		0 FT.		IN		1 FT.		IN		2 FT.		IN		3 FT.		IN		4 FT.		IN		5 FT.		IN		6 FT.		IN		7 FT.		IN		8 FT.		IN		9 FT.		IN		10 FT.		IN		11 FT.		IN		12 FT.		IN		13 FT.		IN		14 FT.		IN		15 FT.	
0		0	2,774.10	0	2,602.53	0	2,412.80	0	2,216.99	0	2,020.86	0	1,824.74	0	1,628.61	0	1,432.48	0	1,236.35	0	1,040.22	0	844.10	0	647.97	0	451.84	0	255.71	0	59.58																																
1/4		1/4	2,772.40	1/4	2,598.68	1/4	2,408.78	1/4	2,212.91	1/4	2,016.78	1/4	1,820.65	1/4	1,624.52	1/4	1,428.39	1/4	1,232.27	1/4	1,036.14	1/4	840.01	1/4	643.88	1/4	447.75	1/4	251.63	1/4	55.50																																
1/2		1/2	2,770.02	1/2	2,594.79	1/2	2,404.72	1/2	2,208.82	1/2	2,012.69	1/2	1,816.56	1/2	1,620.44	1/2	1,424.31	1/2	1,228.18	1/2	1,032.05	1/2	835.92	1/2	639.80	1/2	443.67	1/2	247.54	1/2	51.41																																
3/4		3/4	2,767.64	3/4	2,590.90	3/4	2,400.65	3/4	2,204.73	3/4	2,008.61	3/4	1,812.48	3/4	1,616.35	3/4	1,420.22	3/4	1,224.09	3/4	1,027.97	3/4	831.84	3/4	635.71	3/4	439.58	3/4	243.45	3/4	47.33																																
1		1	2,765.25	1	2,587.01	1	2,396.59	1	2,200.65	1	2,004.52	1	1,808.39	1	1,612.26	1	1,416.14	1	1,220.01	1	1,023.88	1	827.75	1	631.62	1	435.50	1	239.37	1	43.24																																
1/4		1/4	2,762.87	1/4	2,583.12	1/4	2,392.52	1/4	2,196.56	1/4	2,000.43	1/4	1,804.31	1/4	1,608.18	1/4	1,412.05	1/4	1,215.92	1/4	1,019.79	1/4	823.67	1/4	627.54	1/4	431.41	1/4	235.28	1/4	39.15																																
1/2		1/2	2,759.80	1/2	2,579.23	1/2	2,388.46	1/2	2,192.48	1/2	1,996.35	1/2	1,800.22	1/2	1,604.09	1/2	1,407.96	1/2	1,211.84	1/2	1,015.71	1/2	819.58	1/2	623.45	1/2	427.32	1/2	231.20	1/2	35.07																																
3/4		3/4	2,756.74	3/4	2,576.34	3/4	2,384.39	3/4	2,188.39	3/4	1,992.26	3/4	1,796.13	3/4	1,600.01	3/4	1,403.88	3/4	1,207.75	3/4	1,011.62	3/4	815.49	3/4	619.37	3/4	423.24	3/4	227.11	3/4	31.10																																
2		2	2,753.67	2	2,571.44	2	2,380.33	2	2,184.30	2	1,988.18	2	1,792.05	2	1,595.92	2	1,399.79	2	1,203.66	2	1,007.54	2	811.41	2	615.28	2	419.15	2	223.02	2	27.74																																
1/4		1/4	2,750.61	1/4	2,567.55	1/4	2,376.26	1/4	2,180.22	1/4	1,984.09	1/4	1,787.96	1/4	1,591.83	1/4	1,395.71	1/4	1,199.58	1/4	1,003.45	1/4	807.32	1/4	611.19	1/4	415.07	1/4	218.94	1/4	24.37																																
1/2		1/2	2,746.86	1/2	2,563.66	1/2	2,372.20	1/2	2,176.13	1/2	1,980.00	1/2	1,783.88	1/2	1,587.75	1/2	1,391.62	1/2	1,195.49	1/2	999.36	1/2	803.24	1/2	607.11	1/2	410.98	1/2	214.85	1/2	21.01																																
3/4		3/4	2,743.12	3/4	2,559.77	3/4	2,368.13	3/4	2,172.05	3/4	1,975.92	3/4	1,779.79	3/4	1,583.66	3/4	1,387.53	3/4	1,191.41	3/4	995.28	3/4	799.15	3/4	603.02	3/4	406.89	3/4	210.77	3/4	17.64																																
3		3	2,739.37	3	2,555.88	3	2,364.07	3	2,167.96	3	1,971.83	3	1,775.70	3	1,579.58	3	1,383.45	3	1,187.32	3	991.19	3	795.06	3	598.94	3	402.81	3	206.68	3	15.24																																
1/4		1/4	2,735.63	1/4	2,551.99	1/4	2,360.00	1/4	2,163.87	1/4	1,967.75	1/4	1,771.62	1/4	1,575.49	1/4	1,379.36	1/4	1,183.23	1/4	987.11	1/4	790.98	1/4	594.85	1/4	398.72	1/4	202.59	1/4	* 12.83																																
1/2		1/2	2,731.86	1/2	2,548.05	1/2	2,355.91	1/2	2,159.79	1/2	1,963.66	1/2	1,767.53	1/2	1,571.40	1/2	1,375.28	1/2	1,179.15	1/2	983.02	1/2	786.89	1/2	590.76	1/2	394.64	1/2	198.51	1/2																																	
3/4		3/4	2,728.10	3/4	2,544.12	3/4	2,351.83	3/4	2,155.70	3/4	1,959.57	3/4	1,763.45	3/4	1,567.32	3/4	1,371.19	3/4	1,175.06	3/4	978.93	3/4	782.81	3/4	586.68	3/4	390.55	3/4	194.42	3/4																																	
4		4	2,724.34	4	2,540.18	4	2,347.74	4	2,151.62	4	1,955.49	4	1,759.36	4	1,563.23	4	1,367.10	4	1,170.98	4	974.85	4	778.72	4	582.59	4	386.46	4	190.34	4																																	
1/4		1/4	2,720.58	1/4	2,536.25	1/4	2,343.66	1/4	2,147.53	1/4	1,951.40	1/4	1,755.27	1/4	1,559.15	1/4	1,363.02	1/4	1,166.89	1/4	970.76	1/4	774.63	1/4	578.51	1/4	382.38	1/4	186.25	1/4																																	
1/2		1/2	2,716.82	1/2	2,532.31	1/2	2,339.57	1/2	2,143.44	1/2	1,947.32	1/2	1,751.19	1/2	1,555.06	1/2	1,358.93	1/2	1,162.80	1/2	966.68	1/2	770.55	1/2	574.42	1/2	378.29	1/2	182.16	1/2																																	
3/4		3/4	2,713.06	3/4	2,528.38	3/4	2,335.48	3/4	2,139.36	3/4	1,943.23	3/4	1,747.10	3/4	1,550.97	3/4	1,354.85	3/4	1,158.72	3/4	962.59	3/4	766.46	3/4	570.33	3/4	374.21	3/4	178.08	3/4																																	
5		5	2,709.30	5	2,524.44	5	2,331.40	5	2,135.27	5	1,939.14	5	1,743.02	5	1,546.89	5	1,350.76	5	1,154.63	5	958.50	5	762.38	5	566.25	5	370.12	5	173.99	5																																	
1/4		1/4	2,705.54	1/4	2,520.51	1/4	2,327.31	1/4	2,131.19	1/4	1,935.06	1/4	1,738.93	1/4	1,542.80	1/4	1,346.67	1/4	1,150.55	1/4	954.42	1/4	758.29	1/4	562.16	1/4	366.03	1/4	169.91	1/4																																	
1/2		1/2	2,701.78	1/2	2,516.57	1/2	2,323.23	1/2	2,127.10	1/2	1,930.97	1/2	1,734.84	1/2	1,538.72	1/2	1,342.59	1/2	1,146.46	1/2	950.33	1/2	754.20	1/2	558.08	1/2	361.95	1/2	165.82	1/2																																	
3/4		3/4	2,698.02	3/4	2,512.64	3/4	2,319.14	3/4	2,123.01	3/4	1,926.89	3/4	1,730.76	3/4	1,534.63	3/4	1,338.50	3/4	1,142.37	3/4	946.25	3/4	750.12	3/4	553.99	3/4	357.86	3/4	161.73	3/4																																	
6		6	2,694.25	6	2,508.70	6	2,315.05	6	2,118.93	6	1,922.80	6	1,726.67	6	1,530.54	6	1,334.42	6	1,138.29	6	942.16	6	746.03	6	549.90	6	353.78	6	157.65	6																																	
1/4		1/4	2,690.49	1/4	2,504.77	1/4	2,310.97	1/4	2,114.84	1/4	1,918.71	1/4	1,722.59	1/4	1,526.46	1/4	1,330.33	1/4	1,134.20	1/4	938.07	1/4	741.95	1/4	545.82	1/4	349.69	1/4	153.56	1/4																																	
1/2		1/2	2,686.69	1/2	2,500.79	1/2	2,306.88	1/2	2,110.76	1/2	1,914.63	1/2	1,718.50	1/2	1,522.37	1/2	1,326.24	1/2	1,130.12	1/2	933.99	1/2	737.86	1/2	541.73	1/2	345.60	1/2	149.48	1/2																																	
3/4		3/4	2,682.89	3/4	2,496.81	3/4	2,302.80	3/4	2,106.67	3/4	1,910.54	3/4	1,714.41	3/4	1,518.29	3/4	1,322.16	3/4	1,126.03	3/4	929.90	3/4	733.77	3/4	537.65	3/4	341.52	3/4	145.39	3/4																																	
7		7	2,679.08	7	2,492.84	7	2,298.71	7	2,102.58	7	1,906.46	7	1,710.33	7	1,514.20	7	1,318.07	7	1,121.94	7	925.82	7	729.69	7	533.66	7	337.43	7	141.30	7																																	
1/4		1/4	2,675.28	1/4	2,488.86	1/4	2,294.63	1/4	2,098.50	1/4	1,902.37	1/4	1,706.24	1/4	1,510.11	1/4	1,313.99	1/4	1,117.86	1/4	921.73	1/4	725.60	1/4	529.47	1/4	333.35	1/4	137.22	1/4																																	
1/2		1/2	2,671.47	1/2	2,484.88	1/2	2,290.54	1/2	2,094.41	1/2	1,898.28	1/2	1,702.16	1/2	1,506.03	1/2	1,309.90	1/2	1,113.77	1/2	917.64	1/2	721.52	1/2	525.39	1/2	329.26	1/2	133.13	1/2																																	
3/4		3/4	2,667.67	3/4	2,480.90	3/4	2,286.45	3/4	2,090.330																																																						



BARGE "CTCo-3019" **CENAC TOWING COMPANY**

OUTAGE TABLE

5 PORT

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

HULL NO. 2078-1

IN		0 FT.		IN		1 FT.		IN		2 FT.		IN		3 FT.		IN		4 FT.		IN		5 FT.		IN		6 FT.		IN		7 FT.		IN		8 FT.		IN		9 FT.		IN		10 FT.		IN		11 FT.		IN		12 FT.		IN		13 FT.		IN		14 FT.		IN		15 FT.	
0		0	3,209.43	0	3,113.92	0	3,007.08	0	2,896.72	0	2,786.12	0	2,605.20	0	2,325.80	0	2,046.39	0	1,766.98	0	1,487.57	0	1,208.16	0	928.76	0	649.35	0	369.94	0	90.53																																
1/4		1/4	3,208.47	1/4	3,111.75	1/4	3,004.81	1/4	2,894.41	1/4	2,783.82	1/4	2,599.38	1/4	2,319.98	1/4	2,040.57	1/4	1,761.16	1/4	1,481.75	1/4	1,202.34	1/4	922.94	1/4	643.53	1/4	364.12	1/4	84.71																																
1/2		1/2	3,207.51	1/2	3,109.58	1/2	3,002.54	1/2	2,892.11	1/2	2,781.52	1/2	2,593.56	1/2	2,314.15	1/2	2,034.75	1/2	1,755.34	1/2	1,475.93	1/2	1,196.52	1/2	917.11	1/2	637.71	1/2	358.30	1/2	78.89																																
3/4		3/4	3,206.17	3/4	3,107.39	3/4	3,000.25	3/4	2,889.80	3/4	2,779.21	3/4	2,587.74	3/4	2,308.33	3/4	2,028.93	3/4	1,749.52	3/4	1,470.11	3/4	1,190.70	3/4	911.29	3/4	631.89	3/4	352.48	3/4	73.07																																
1		1	3,204.82	1	3,105.20	1	2,997.96	1	2,887.50	1	2,776.91	1	2,581.92	1	2,302.51	1	2,023.10	1	1,743.70	1	1,464.29	1	1,184.88	1	905.47	1	626.06	1	346.66	1	67.25																																
1/4		1/4	3,203.48	1/4	3,103.00	1/4	2,995.67	1/4	2,885.20	1/4	2,774.60	1/4	2,576.10	1/4	2,296.69	1/4	2,017.28	1/4	1,737.88	1/4	1,458.47	1/4	1,179.06	1/4	899.65	1/4	620.24	1/4	340.84	1/4	61.43																																
1/2		1/2	3,202.14	1/2	3,100.81	1/2	2,993.38	1/2	2,882.89	1/2	2,772.30	1/2	2,570.28	1/2	2,290.87	1/2	2,011.46	1/2	1,732.05	1/2	1,452.65	1/2	1,173.24	1/2	893.83	1/2	614.42	1/2	335.01	1/2	55.61																																
3/4		3/4	3,200.41	3/4	3,098.61	3/4	2,991.09	3/4	2,880.59	3/4	2,770.00	3/4	2,564.46	3/4	2,285.05	3/4	2,005.64	3/4	1,726.23	3/4	1,446.83	3/4	1,167.42	3/4	888.01	3/4	608.60	3/4	329.19	3/4	49.79																																
2		2	3,198.68	2	3,096.42	2	2,988.80	2	2,878.28	2	2,767.69	2	2,558.64	2	2,279.23	2	1,999.82	2	1,720.41	2	1,441.00	2	1,161.60	2	882.19	2	602.78	2	323.37	2	44.14																																
1/4		1/4	3,196.96	1/4	3,094.23	1/4	2,986.51	1/4	2,875.98	1/4	2,765.39	1/4	2,552.82	1/4	2,273.41	1/4	1,994.00	1/4	1,714.59	1/4	1,435.18	1/4	1,155.78	1/4	876.37	1/4	596.96	1/4	317.55	1/4	39.34																																
1/2		1/2	3,195.23	1/2	3,092.03	1/2	2,984.22	1/2	2,873.68	1/2	2,763.08	1/2	2,546.99	1/2	2,267.59	1/2	1,988.18	1/2	1,708.77	1/2	1,429.36	1/2	1,149.95	1/2	870.55	1/2	591.14	1/2	311.73	1/2	34.55																																
3/4		3/4	3,193.12	3/4	3,089.84	3/4	2,981.93	3/4	2,871.37	3/4	2,760.78	3/4	2,541.17	3/4	2,261.77	3/4	1,982.36	3/4	1,702.95	3/4	1,423.54	3/4	1,144.13	3/4	864.73	3/4	585.32	3/4	305.91	3/4	29.76																																
3		3	3,191.00	3	3,087.64	3	2,979.63	3	2,869.07	3	2,758.48	3	2,535.35	3	2,255.94	3	1,976.54	3	1,697.13	3	1,417.72	3	1,138.31	3	858.90	3	579.50	3	300.09	3	24.96																																
1/4		1/4	3,188.89	1/4	3,085.45	1/4	2,977.34	1/4	2,866.76	1/4	2,756.17	1/4	2,529.53	1/4	2,250.12	1/4	1,970.72	1/4	1,691.31	1/4	1,411.90	1/4	1,132.49	1/4	853.08	1/4	573.68	1/4	294.27	1/4	21.54																																
1/2		1/2	3,186.78	1/2	3,083.26	1/2	2,975.05	1/2	2,864.46	1/2	2,753.87	1/2	2,523.71	1/2	2,244.30	1/2	1,964.89	1/2	1,685.49	1/2	1,406.08	1/2	1,126.67	1/2	847.26	1/2	567.85	1/2	288.45	1/2	* 18.12																																
3/4		3/4	3,184.66	3/4	3,081.04	3/4	2,972.75	3/4	2,862.16	3/4	2,751.56	3/4	2,517.89	3/4	2,238.48	3/4	1,959.07	3/4	1,679.67	3/4	1,400.26	3/4	1,120.85	3/4	841.44	3/4	562.03	3/4	282.63	3/4																																	
4		4	3,182.54	4	3,078.82	4	2,970.44	4	2,859.85	4	2,749.26	4	2,512.07	4	2,232.66	4	1,953.25	4	1,673.84	4	1,394.44	4	1,115.03	4	835.62	4	556.21	4	276.80	4																																	
1/4		1/4	3,180.42	1/4	3,076.61	1/4	2,968.14	1/4	2,857.55	1/4	2,746.66	1/4	2,506.25	1/4	2,226.84	1/4	1,947.43	1/4	1,668.02	1/4	1,388.62	1/4	1,109.21	1/4	829.80	1/4	550.39	1/4	270.98	1/4																																	
1/2		1/2	3,178.30	1/2	3,074.39	1/2	2,965.84	1/2	2,855.24	1/2	2,744.07	1/2	2,500.43	1/2	2,221.02	1/2	1,941.61	1/2	1,662.20	1/2	1,382.79	1/2	1,103.39	1/2	823.98	1/2	544.57	1/2	265.16	1/2																																	
3/4		3/4	3,176.18	3/4	3,072.17	3/4	2,963.53	3/4	2,852.94	3/4	2,741.47	3/4	2,494.61	3/4	2,215.20	3/4	1,935.79	3/4	1,656.38	3/4	1,376.97	3/4	1,097.57	3/4	818.16	3/4	538.75	3/4	259.34	3/4																																	
5		5	3,174.06	5	3,069.95	5	2,961.23	5	2,850.64	5	2,738.87	5	2,488.78	5	2,209.38	5	1,929.97	5	1,650.56	5	1,371.15	5	1,091.74	5	812.34	5	532.93	5	253.52	5																																	
1/4		1/4	3,171.94	1/4	3,067.74	1/4	2,958.92	1/4	2,848.33	1/4	2,735.69	1/4	2,482.96	1/4	2,203.56	1/4	1,924.15	1/4	1,644.74	1/4	1,365.33	1/4	1,085.92	1/4	806.52	1/4	527.11	1/4	247.70	1/4																																	
1/2		1/2	3,169.82	1/2	3,065.52	1/2	2,956.62	1/2	2,846.03	1/2	2,732.51	1/2	2,477.14	1/2	2,197.73	1/2	1,918.33	1/2	1,638.92	1/2	1,359.51	1/2	1,080.10	1/2	800.69	1/2	521.29	1/2	241.88	1/2																																	
3/4		3/4	3,167.70	3/4	3,063.30	3/4	2,954.32	3/4	2,843.72	3/4	2,729.32	3/4	2,471.32	3/4	2,191.91	3/4	1,912.51	3/4	1,633.10	3/4	1,353.69	3/4	1,074.28	3/4	794.87	3/4	515.47	3/4	236.06	3/4																																	
6		6	3,165.58	6	3,061.09	6	2,952.01	6	2,841.42	6	2,726.14	6	2,465.50	6	2,186.09	6	1,906.68	6	1,627.28	6	1,347.87	6	1,068.46	6	789.05	6	509.64	6	230.24	6																																	
1/4		1/4	3,163.46	1/4	3,058.87	1/4	2,949.71	1/4	2,839.12	1/4	2,722.37	1/4	2,459.68	1/4	2,180.27	1/4	1,900.86	1/4	1,621.46	1/4	1,342.05	1/4	1,062.64	1/4	783.23	1/4	503.82	1/4	224.42	1/4																																	
1/2		1/2	3,161.34	1/2	3,056.65	1/2	2,947.40	1/2	2,836.81	1/2	2,718.60	1/2	2,453.86	1/2	2,174.45	1/2	1,895.04	1/2	1,615.63	1/2	1,336.23	1/2	1,056.82	1/2	777.41	1/2	498.00	1/2	218.59	1/2																																	
3/4		3/4	3,159.20	3/4	3,054.41	3/4	2,945.10	3/4	2,834.51	3/4	2,714.83	3/4	2,448.04	3/4	2,168.63	3/4	1,889.22	3/4	1,609.81	3/4	1,330.41	3/4	1,051.00	3/4	771.59	3/4	492.18	3/4	212.77	3/4																																	
7		7	3,157.05	7	3,052.17	7	2,942.80	7	2,832.20	7	2,711.06	7	2,442.22	7	2,162.81	7	1,883.40	7	1,603.99	7	1,324.58	7	1,045.18	7	765.77	7	486.36	7	206.95	7																																	
1/4		1/4	3,154.91	1/4	3,049.93	1/4	2,940.49	1/4	2,829.90	1/4	2,706.71	1/4	2,436.40	1/4	2,156.99	1/4	1,877.58	1/4	1,598.17	1/4	1,318.76	1/4	1,039.36	1/4	759.95	1/4	480.54	1/4	201.13	1/4																																	
1/2		1/2	3,152.76	1/2	3,047.68	1/2	2,938.19	1/2	2,827.60	1/2	2,702.35	1/2	2,430.57	1/2	2,151.17	1/2	1,871.76	1/2	1,592.35	1/2	1,312.94	1/2	1,033.53	1/2	754.13	1/2	474.72	1/2	195.31	1/2																																	
3/4		3/4	3,150.62	3/4	3,045.44	3/4	2,																																																								



BARGE "CTCo-3019" CENAC TOWING COMPANY

OUTAGE TABLE

5 STAR

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

HULL NO. 2078-1

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

NOTE: FOR TRIM FWD., REVERSE SIGNS.

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

NOTE: FOR "INNAGE" GAUGES, REVERSE SIGNS.

DATE: 2/17/00

BY: 

INSPECTORATE AMERICA CORPORATION