



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MMI-3018"
HIGMAN TOWING COMPANY

INNAGE TABLE

1 PORT OR ST

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4351

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.	IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN
0	0.00	0	79.76	0	236.20	0	405.48	0	581.60	0	763.88	0	946.09	0	1,128.47	0	1,311.21	0	1,493.94	0	1,676.68	0	1,859.42	0	2,042.15	0	2,224.89	0	2,407.62	0	2,590.36	0
IN	0.76	IN	83.01	IN	241.64	IN	409.11	IN	585.38	IN	767.66	IN	949.88	IN	1,132.28	IN	1,315.02	IN	1,497.75	IN	1,680.49	IN	1,863.22	IN	2,045.96	IN	2,228.70	IN	2,411.43	IN	2,594.17	IN
IN	1.50	IN	86.27	IN	245.08	IN	412.73	IN	588.16	IN	771.47	IN	953.68	IN	1,136.09	IN	1,318.82	IN	1,501.56	IN	1,684.29	IN	1,867.03	IN	2,049.77	IN	2,232.50	IN	2,415.24	IN	2,597.97	IN
IN	2.25	IN	89.52	IN	248.52	IN	416.35	IN	592.55	IN	775.27	IN	957.48	IN	1,139.89	IN	1,322.63	IN	1,505.37	IN	1,688.10	IN	1,870.84	IN	2,053.57	IN	2,236.31	IN	2,419.04	IN	2,601.78	IN
IN	3.00	IN	92.78	IN	251.96	IN	419.98	IN	596.72	IN	779.06	IN	961.27	IN	1,143.70	IN	1,326.44	IN	1,509.17	IN	1,691.91	IN	1,874.65	IN	2,057.38	IN	2,240.12	IN	2,422.85	IN	2,605.59	IN
IN	3.75	IN	96.03	IN	255.40	IN	423.60	IN	600.52	IN	782.86	IN	965.07	IN	1,147.51	IN	1,330.32	IN	1,512.98	IN	1,695.72	IN	1,878.45	IN	2,061.19	IN	2,243.92	IN	2,426.66	IN	2,609.39	IN
IN	4.50	IN	99.29	IN	258.84	IN	427.22	IN	604.30	IN	786.66	IN	968.86	IN	1,151.31	IN	1,334.05	IN	1,516.79	IN	1,699.52	IN	1,882.26	IN	2,064.99	IN	2,247.73	IN	2,430.47	IN	2,613.20	IN
IN	5.25	IN	102.54	IN	262.28	IN	430.85	IN	608.08	IN	790.45	IN	972.66	IN	1,155.12	IN	1,337.86	IN	1,520.59	IN	1,703.33	IN	1,886.07	IN	2,068.80	IN	2,251.54	IN	2,434.27	IN	2,616.97	IN
IN	6.00	IN	105.80	IN	265.72	IN	434.47	IN	611.87	IN	794.25	IN	976.46	IN	1,158.93	IN	1,341.66	IN	1,524.41	IN	1,707.14	IN	1,889.87	IN	2,072.61	IN	2,255.34	IN	2,438.08	IN	2,620.82	IN
IN	6.75	IN	109.05	IN	269.16	IN	438.09	IN	615.65	IN	798.04	IN	980.25	IN	1,162.74	IN	1,345.47	IN	1,528.21	IN	1,710.94	IN	1,893.68	IN	2,076.42	IN	2,259.15	IN	2,441.89	IN	2,624.62	IN
IN	7.50	IN	112.31	IN	272.59	IN	441.71	IN	619.44	IN	801.84	IN	984.05	IN	1,166.54	IN	1,349.28	IN	1,532.01	IN	1,714.75	IN	1,897.49	IN	2,080.22	IN	2,262.96	IN	2,445.69	IN	2,628.43	IN
IN	8.25	IN	115.56	IN	276.03	IN	445.34	IN	623.22	IN	805.64	IN	987.84	IN	1,170.35	IN	1,353.09	IN	1,535.82	IN	1,718.56	IN	1,901.29	IN	2,084.03	IN	2,266.77	IN	2,449.50	IN	2,632.24	IN
IN	9.00	IN	118.82	IN	279.47	IN	448.96	IN	627.00	IN	809.43	IN	991.64	IN	1,174.16	IN	1,356.89	IN	1,539.63	IN	1,722.36	IN	1,905.10	IN	2,087.84	IN	2,270.57	IN	2,453.31	IN	2,636.04	IN
IN	9.75	IN	122.07	IN	282.91	IN	452.58	IN	630.81	IN	813.23	IN	995.44	IN	1,177.96	IN	1,360.70	IN	1,543.44	IN	1,726.17	IN	1,908.91	IN	2,091.64	IN	2,274.38	IN	2,457.11	IN	2,639.85	IN
IN	10.50	IN	125.33	IN	286.35	IN	456.21	IN	634.62	IN	817.02	IN	999.23	IN	1,181.77	IN	1,364.51	IN	1,547.24	IN	1,730.98	IN	1,912.71	IN	2,095.45	IN	2,278.19	IN	2,460.92	IN	2,643.66	IN
IN	11.25	IN	128.58	IN	289.79	IN	459.83	IN	638.43	IN	820.82	IN	1,003.03	IN	1,185.58	IN	1,368.31	IN	1,551.05	IN	1,734.79	IN	1,916.52	IN	2,099.26	IN	2,281.99	IN	2,464.73	IN	2,647.46	IN
IN	12.00	IN	131.84	IN	293.23	IN	463.45	IN	642.23	IN	824.62	IN	1,006.82	IN	1,189.38	IN	1,372.12	IN	1,554.86	IN	1,738.59	IN	1,920.33	IN	2,103.06	IN	2,285.80	IN	2,468.54	IN	2,651.27	IN
IN	12.75	IN	135.09	IN	296.67	IN	467.08	IN	646.04	IN	828.41	IN	1,010.62	IN	1,193.19	IN	1,375.93	IN	1,558.67	IN	1,742.40	IN	1,924.14	IN	2,106.87	IN	2,289.61	IN	2,472.34	IN	2,655.08	IN
IN	13.50	IN	138.35	IN	300.11	IN	470.70	IN	649.65	IN	832.21	IN	1,014.42	IN	1,197.00	IN	1,379.73	IN	1,562.47	IN	1,746.21	IN	1,927.94	IN	2,110.68	IN	2,293.41	IN	2,476.15	IN	2,658.89	IN
IN	14.25	IN	141.60	IN	303.55	IN	474.32	IN	653.26	IN	836.00	IN	1,018.21	IN	1,200.81	IN	1,383.54	IN	1,566.28	IN	1,749.01	IN	1,931.75	IN	2,114.49	IN	2,297.22	IN	2,479.96	IN	2,662.69	IN
IN	15.00	IN	144.86	IN	306.98	IN	477.94	IN	657.46	IN	839.80	IN	1,022.01	IN	1,204.61	IN	1,387.35	IN	1,570.08	IN	1,752.82	IN	1,935.56	IN	2,118.29	IN	2,301.03	IN	2,297.22	IN	2,666.50	IN
IN	15.75	IN	148.11	IN	310.42	IN	481.57	IN	661.27	IN	843.60	IN	1,025.80	IN	1,208.42	IN	1,391.16	IN	1,573.89	IN	1,756.63	IN	1,939.36	IN	2,122.10	IN	2,304.84	IN	2,487.57	IN	2,670.31	IN
IN	16.50	IN	151.37	IN	313.86	IN	485.19	IN	665.07	IN	847.39	IN	1,029.60	IN	1,212.23	IN	1,394.96	IN	1,577.70	IN	1,760.43	IN	1,943.17	IN	2,125.91	IN	2,308.64	IN	2,491.38	IN	2,674.11	IN
IN	17.25	IN	154.62	IN	317.30	IN	488.81	IN	668.88	IN	851.19	IN	1,033.40	IN	1,216.03	IN	1,398.77	IN	1,581.51	IN	1,764.24	IN	1,946.98	IN	2,129.71	IN	2,312.45	IN	2,495.18	IN	2,677.92	IN
IN	18.00	IN	157.88	IN	320.74	IN	492.44	IN	672.69	IN	854.98	IN	1,037.19	IN	1,219.84	IN	1,402.58	IN	1,585.31	IN	1,768.05	IN	1,950.78	IN	2,133.52	IN	2,316.26	IN	2,498.99	IN	2,681.73	IN
IN	18.75	IN	161.22	IN	324.27	IN	496.15	IN	676.50	IN	858.78	IN	1,040.99	IN	1,223.65	IN	1,406.38	IN	1,589.12	IN	1,771.86	IN	1,954.59	IN	2,137.33	IN	2,320.06	IN	2,502.80	IN	2,685.53	IN
IN	19.50	IN	164.57	IN	327.80	IN	499.87	IN	680.30	IN	862.58	IN	1,044.78	IN	1,227.45	IN	1,410.19	IN	1,592.93	IN	1,775.66	IN	1,958.40	IN	2,141.13	IN	2,323.87	IN	2,506.61	IN	2,689.34	IN
IN	20.25	IN	167.92	IN	331.33	IN	503.58	IN	684.11	IN	866.37	IN	1,048.58	IN	1,231.26	IN	1,414.00	IN	1,596.73	IN	1,779.47	IN	1,962.21	IN	2,144.94	IN	2,327.68	IN	2,510.41	IN	2,693.15	IN
IN	21.00	IN	171.26	IN	334.86	IN	507.30	IN	687.92	IN	870.17	IN	1,052.38	IN	1,235.07	IN	1,417.80	IN	1,600.54	IN	1,783.28	IN	1,966.01	IN	2,148.75	IN	2,331.48	IN	2,514.22	IN	2,696.96	IN
IN	21.75	IN	174.61	IN	338.40	IN	511.01	IN	691.72	IN	873.96	IN	1,056.17	IN	1,238.88	IN	1,421.61	IN	1,604.35	IN	1,787.08	IN	1,969.82	IN	2,152.56	IN	2,335.29	IN	2,518.03	IN	2,700.76	IN
IN	22.50	IN	177.96	IN	341.93	IN	514.73	IN	695.53	IN	877.76	IN	1,059.99	IN	1,242.68	IN	1,425.42	IN	1,608.15	IN	1,790.89	IN	1,973.63	IN	2,156.36	IN	2,339.10	IN	2,521.83	IN	2,704.57	IN
IN	23.25	IN	181.31	IN	345.46	IN	518.44	IN	699.34	IN	881.56	IN	1,063.76	IN	1,246.49	IN	1,429.23	IN	1,611.96	IN	1,794.70	IN	1,977.43	IN	2,160.17	IN	2,342.90	IN	2,525.64	IN	2,708.38	IN
IN	24.00	IN	184.65	IN	348.99	IN	522.16	IN	703.14	IN	885.35	IN	1,067.56	IN	1,250.30	IN	1,433.03	IN	1,615.77	IN	1,798.50	IN	1,981.24	IN	2,163.98	IN	2,346.71	IN	2,529.45	IN	2,712.18	IN
IN	24.75	IN	188.00	IN	352.52	IN	525.87	IN	706.94	IN	889.15	IN	1,071.37	IN	1,254.10	IN	1,436.84	IN	1,619.58	IN	1,802.31	IN	1,985.05	IN	2,167.78	IN	2,350.52	IN	2,533.25	IN	2,715.99	IN
IN	25.50	IN	191.35	IN	356.05	IN	529.59	IN	710.74	IN	892.94	IN	1,075.17	IN	1,257.91	IN	1,440.65	IN	1,623.38	IN	1,806.12	IN	1,988.85	IN	2,171.59	IN	2,354.33	IN	2,537.06	IN	2,719.80	IN
IN	26.25	IN	194.69	IN	359.58	IN	533.30	IN	714.53	IN	896.74	IN	1,078.98	IN	1,261.72	IN	1,444.45	IN	1,627.19	IN	1,809.93	IN	1,992.66	IN	2,175.40	IN	2,358.13	IN	2,540.87	IN	2,723.60	IN
IN	27.00	IN	198.04	IN	363.11	IN	537.02	IN	718.33	IN	900.54	IN	1,082.79	IN	1,265.52	IN	1,448.26	IN	1,631.00	IN	1,813.73	IN	1,996.47	IN	2,179.20	IN	2,361.94	IN	2,544.68	IN	2,727.41	IN
IN	27.75	IN	201.39	IN	366.64	IN	540.73	IN	722.12	IN	904.33	IN	1,086.60	IN	1,269.33	IN	1,452.07	IN	1,634.80	IN	1,817.54	IN	2,000.28	IN	2,183.01	IN	2,365.75	IN	2,548.48	IN	2,731.22	IN
IN	28.50	IN	204.73	IN	370.17	IN	544.45	IN	725.92	IN	908.13	IN	1,090.40	IN	1,273.14	IN	1,455.87	IN	1,638.61	IN	1,821.35	IN	2,004.08	IN	2,186.82	IN	2,369.55	IN	2,552.29	IN	2,735.03	IN
IN	29.25	IN	208.08	IN	373.71	IN	548.16	IN																								



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MMI-3018"
HIGMAN TOWING COMPANY

INNAGE TABLE

1 PORT OR ST

BARGE SHOULD BE ON EVEN KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4351

IN		9 FT.		10 FT.		10 FT.		11 FT.		11 FT.		12 FT.		12 FT.		13 FT.		13 FT.		14 FT.		14 FT.		15 FT.		15 FT.		16 FT.		16 FT.		1	
IN	9 FT.	IN	9 FT.	IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.	IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	1
0	3,138.57	0	3,321.30	0	3,504.04	0	3,686.78	0	3,869.51	0	4,052.25	0	4,234.98	0	4,417.72	0	4,600.46	0	4,783.19	0	4,965.45	0	5,144.30	0	5,319.23	0	5,477.37	0			6	0	
IN	3,142.37	IN	3,325.11	IN	3,507.85	IN	3,690.58	IN	3,873.32	IN	4,056.06	IN	4,238.79	IN	4,421.53	IN	4,604.26	IN	4,786.99	IN	4,969.19	IN	5,147.96	IN	5,322.82	IN	5,477.04	IN			IN	IN	
IN	3,146.18	IN	3,328.92	IN	3,511.65	IN	3,694.39	IN	3,877.13	IN	4,059.86	IN	4,242.60	IN	4,425.33	IN	4,608.07	IN	4,790.81	IN	4,972.94	IN	5,151.63	IN	5,326.40	IN	5,477.81	IN			IN	IN	
IN	3,149.99	IN	3,332.72	IN	3,515.46	IN	3,698.20	IN	3,880.93	IN	4,063.67	IN	4,246.40	IN	4,429.14	IN	4,611.88	IN	4,794.61	IN	4,976.69	IN	5,155.29	IN	5,329.98	IN	5,477.58	IN			IN	IN	
IN	3,153.80	IN	3,336.53	IN	3,519.27	IN	3,702.01	IN	3,884.74	IN	4,067.48	IN	4,250.21	IN	4,432.95	IN	4,615.68	IN	4,798.42	IN	4,980.43	IN	5,158.96	IN	5,333.57	IN	5,478.35	IN			IN	IN	
IN	3,157.60	IN	3,340.34	IN	3,523.07	IN	3,705.81	IN	3,888.55	IN	4,071.28	IN	4,254.02	IN	4,436.75	IN	4,619.49	IN	4,802.23	IN	4,984.18	IN	5,162.62	IN	5,337.15	IN	5,478.43	IN			IN	IN	
IN	3,161.41	IN	3,344.15	IN	3,526.88	IN	3,709.62	IN	3,892.35	IN	4,075.09	IN	4,257.83	IN	4,440.56	IN	4,623.30	IN	4,806.03	IN	4,987.92	IN	5,166.29	IN	5,340.74	IN	5,478.51	IN			IN	IN	
IN	3,165.22	IN	3,347.95	IN	3,530.69	IN	3,713.42	IN	3,896.16	IN	4,078.50	IN	4,261.63	IN	4,444.37	IN	4,627.10	IN	4,810.59	IN	4,991.67	IN	5,169.95	IN	5,344.32	IN	5,482.68	IN			IN	IN	
IN	3,169.02	IN	3,351.76	IN	3,534.50	IN	3,717.23	IN	3,899.97	IN	4,082.51	IN	4,265.44	IN	4,448.18	IN	4,631.17	IN	4,814.65	IN	4,995.42	IN	5,173.62	IN	5,347.90	IN	5,483.66	IN			IN	IN	
IN	3,172.83	IN	3,355.57	IN	3,538.30	IN	3,721.04	IN	3,903.77	IN	4,086.51	IN	4,269.25	IN	4,451.98	IN	4,634.72	IN	4,817.45	IN	4,999.16	IN	5,177.28	IN	5,351.49	IN	5,484.74	IN			IN	IN	
IN	3,176.64	IN	3,359.37	IN	3,542.11	IN	3,724.85	IN	3,907.58	IN	4,090.52	IN	4,273.05	IN	4,455.79	IN	4,638.53	IN	4,821.26	IN	5,002.91	IN	5,180.95	IN	5,355.07	IN	5,485.81	IN			IN	IN	
IN	3,180.44	IN	3,363.18	IN	3,545.92	IN	3,728.65	IN	3,911.39	IN	4,094.32	IN	4,276.86	IN	4,459.60	IN	4,642.33	IN	4,825.07	IN	5,006.65	IN	5,184.61	IN	5,358.66	IN	5,486.89	IN			IN	IN	
IN	3,184.25	IN	3,366.99	IN	3,549.72	IN	3,732.46	IN	3,915.20	IN	4,097.93	IN	4,280.67	IN	4,463.40	IN	4,646.14	IN	4,828.88	IN	5,010.40	IN	5,188.28	IN	5,362.24	IN	5,487.97	IN			IN	IN	
IN	3,188.06	IN	3,370.79	IN	3,553.53	IN	3,736.27	IN	3,919.00	IN	4,101.74	IN	4,284.47	IN	4,467.21	IN	4,649.95	IN	4,832.68	IN	5,014.15	IN	5,191.94	IN	5,365.82	IN	5,488.35	IN			IN	IN	
IN	3,191.87	IN	3,374.60	IN	3,557.34	IN	3,740.07	IN	3,922.81	IN	4,105.55	IN	4,288.28	IN	4,471.02	IN	4,653.75	IN	4,836.49	IN	5,017.89	IN	5,195.61	IN	5,369.41	IN	5,488.74	IN			IN	IN	
IN	3,195.67	IN	3,378.41	IN	3,561.14	IN	3,743.88	IN	3,926.62	IN	4,109.35	IN	4,292.09	IN	4,474.82	IN	4,657.56	IN	4,840.30	IN	5,021.64	IN	5,199.27	IN	5,372.99	IN	5,489.12	IN			IN	IN	
IN	3,199.48	IN	3,382.22	IN	3,564.95	IN	3,747.69	IN	3,930.42	IN	4,113.16	IN	4,295.90	IN	4,478.63	IN	4,661.37	IN	4,844.10	IN	5,025.38	IN	5,202.94	IN	5,376.58	IN	5,489.51	IN			IN	IN	
IN	3,203.29	IN	3,386.02	IN	3,568.76	IN	3,751.49	IN	3,934.23	IN	4,116.97	IN	4,299.70	IN	4,482.44	IN	4,665.17	IN	4,847.91	IN	5,029.13	IN	5,206.60	IN	5,380.16	IN	5,489.89	IN			IN	IN	
IN	3,207.09	IN	3,389.83	IN	3,572.57	IN	3,755.30	IN	3,938.04	IN	4,120.77	IN	4,303.51	IN	4,486.25	IN	4,668.98	IN	4,851.72	IN	5,032.88	IN	5,210.27	IN	5,383.74	IN	5,490.28	IN			IN	IN	
IN	3,210.90	IN	3,393.64	IN	3,576.37	IN	3,759.11	IN	3,941.84	IN	4,124.58	IN	4,307.32	IN	4,490.05	IN	4,672.79	IN	4,855.52	IN	5,036.62	IN	5,213.93	IN	5,387.33	IN	5,490.66	IN			IN	IN	
IN	3,214.71	IN	3,397.44	IN	3,580.18	IN	3,762.92	IN	3,945.65	IN	4,128.39	IN	4,311.12	IN	4,493.86	IN	4,676.60	IN	4,859.33	IN	5,040.37	IN	5,217.60	IN	5,390.91	IN	5,491.05	IN			IN	IN	
IN	3,218.51	IN	3,401.25	IN	3,583.99	IN	3,766.72	IN	3,949.46	IN	4,132.19	IN	4,314.93	IN	4,497.67	IN	4,680.40	IN	4,863.14	IN	5,044.11	IN	5,221.36	IN	5,394.50	IN	5,491.43	IN			IN	IN	
IN	3,222.32	IN	3,405.06	IN	3,587.79	IN	3,770.53	IN	3,953.27	IN	4,136.00	IN	4,318.74	IN	4,501.47	IN	4,684.21	IN	4,866.95	IN	5,047.86	IN	5,224.93	IN	5,398.08	IN	5,491.81	IN			IN	IN	
IN	3,226.13	IN	3,408.86	IN	3,591.60	IN	3,774.34	IN	3,957.07	IN	4,139.81	IN	4,322.54	IN	4,505.28	IN	4,688.02	IN	4,870.75	IN	5,051.61	IN	5,228.59	IN	5,401.66	IN	5,491.10	IN			IN	IN	
IN	3,229.94	IN	3,412.67	IN	3,595.41	IN	3,778.15	IN	3,960.88	IN	4,143.62	IN	4,326.35	IN	4,509.09	IN	4,691.82	IN	4,874.56	IN	5,055.35	IN	5,232.36	IN	5,405.25	IN	5,491.48	IN			IN	IN	
IN	3,233.74	IN	3,416.48	IN	3,599.21	IN	3,781.95	IN	3,964.69	IN	4,147.42	IN	4,330.16	IN	4,512.89	IN	4,695.63	IN	4,878.35	IN	5,059.06	IN	5,235.88	IN	5,408.79	IN	5,491.86	IN			IN	IN	
IN	3,237.55	IN	3,420.29	IN	3,603.02	IN	3,785.76	IN	3,968.49	IN	4,151.23	IN	4,333.97	IN	4,516.70	IN	4,699.44	IN	4,882.13	IN	5,062.76	IN	5,239.50	IN	5,412.33	IN	5,492.24	IN			IN	IN	
IN	3,241.36	IN	3,424.09	IN	3,606.83	IN	3,789.56	IN	3,972.30	IN	4,155.04	IN	4,337.77	IN	4,520.51	IN	4,703.24	IN	4,885.92	IN	5,066.47	IN	5,243.13	IN	5,415.88	IN	5,492.62	IN			IN	IN	
IN	3,245.16	IN	3,427.90	IN	3,610.64	IN	3,793.37	IN	3,976.11	IN	4,158.84	IN	4,341.56	IN	4,524.32	IN	4,707.05	IN	4,889.71	IN	5,070.18	IN	5,246.75	IN	5,419.42	IN	5,493.00	IN			IN	IN	
IN	3,248.97	IN	3,431.71	IN	3,614.44	IN	3,797.18	IN	3,979.91	IN	4,162.65	IN	4,345.35	IN	4,528.12	IN	4,710.86	IN	4,893.49	IN	5,073.88	IN	5,250.38	IN	5,422.62	IN	5,493.38	IN			IN	IN	
IN	3,252.78	IN	3,435.51	IN	3,618.25	IN	3,800.99	IN	3,983.72	IN	4,166.46	IN	4,349.19	IN	4,531.93	IN	4,714.67	IN	4,897.28	IN	5,077.59	IN	5,254.00	IN	5,425.81	IN	5,493.76	IN			IN	IN	
IN	3,256.58	IN	3,439.32	IN	3,622.06	IN	3,804.79	IN	3,987.53	IN	4,170.26	IN	4,353.00	IN	4,535.74	IN	4,718.47	IN	4,901.07	IN	5,081.29	IN	5,257.62	IN	5,429.01	IN	5,494.14	IN			IN	IN	
IN	3,260.39	IN	3,443.13	IN	3,625.86	IN	3,808.60	IN	3,991.34	IN	4,174.07	IN	4,356.81	IN	4,539.54	IN	4,722.28	IN	4,904.86	IN	5,085.00	IN	5,261.25	IN	5,432.21	IN	5,494.52	IN			IN	IN	
IN	3,264.20	IN	3,446.93	IN	3,629.67	IN	3,812.41	IN	3,995.14	IN	4,177.88	IN	4,360.62	IN	4,543.35	IN	4,726.09	IN	4,908.64	IN	5,088.71	IN	5,264.87	IN	5,435.40	IN	5,494.90	IN			IN	IN	
IN	3,268.01	IN	3,450.74	IN	3,633.48	IN	3,816.21	IN	3,998.95	IN	4,181.69	IN	4,364.42	IN	4,547.16	IN	4,729.89	IN	4,912.43	IN	5,092.41	IN	5,268.50	IN	5,438.60	IN	5,495.28	IN			IN	IN	
IN	3,271.81	IN	3,454.55	IN	3,637.28	IN	3,820.02	IN	4,002.76	IN	4,185.49	IN	4,368.23	IN	4,550.96	IN	4,733.70	IN	4,916.22	IN	5,096.12	IN	5,272.12	IN	5,441.80	IN	5,495.66	IN			IN	IN	
IN	3,275.62	IN	3,458.36	IN	3,641.09	IN	3,823.83	IN	4,006.56	IN	4,189.30	IN	4,372.04	IN	4,554.77	IN	4,737.51	IN	4,920.00	IN	5,099.82	IN	5,275.74	IN	5,445.00	IN	5,496.04	IN			IN	IN	
IN	3,279.43	IN	3,462.16	IN	3,644.90	IN	3,827.63	IN	4,010.37	IN	4,193.11	IN	4,375.84	IN	4,558.58	IN	4,741.31	IN	4,923.79	IN	5,103.53	IN	5,279.37	IN	5,447.50	IN	5,496.42	IN			IN	IN	
IN	3,283.23	IN	3,465.97	IN	3,648																												



INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MMI-3018"
HIGMAN TOWING COMPANY

INNAGE TABLE

2 PORT ORS

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4351

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.	IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.
0	88.87	0	259.76	6	431.79	0	603.81	6	775.68	0	947.18	6	1,118.86	0	1,290.90	6	1,463.23	0	1,634.96	6	1,806.99	0	1,979.02	6	2,151.06	0	2,323.09	6	2,495.12	0	
1/8	92.31	1/8	263.34	1/8	435.38	1/8	607.42	1/8	779.25	1/8	950.76	1/8	1,122.45	1/8	1,294.48	1/8	1,466.51	1/8	1,638.54	1/8	1,810.58	1/8	1,982.61	1/8	2,154.64	1/8	2,326.67	1/8	2,498.70	1/8	
1/4	95.75	1/4	266.93	1/4	438.96	1/4	610.99	1/4	782.83	1/4	954.33	1/4	1,126.03	1/4	1,296.06	1/4	1,470.10	1/4	1,642.13	1/4	1,814.16	1/4	1,986.19	1/4	2,158.22	1/4	2,330.26	1/4	2,502.29	1/4	
3/8	99.20	3/8	270.51	3/8	442.54	3/8	614.58	3/8	786.40	3/8	957.90	3/8	1,129.52	3/8	1,301.65	3/8	1,473.68	3/8	1,645.71	3/8	1,817.74	3/8	1,989.78	3/8	2,161.81	3/8	2,333.84	3/8	2,505.87	3/8	
1/2	102.64	1/2	274.10	1/2	446.13	1/2	618.16	1/2	789.97	1/2	961.48	1/2	1,133.20	1/2	1,305.23	1/2	1,477.26	1/2	1,649.30	1/2	1,821.33	1/2	1,993.36	1/2	2,165.39	1/2	2,337.42	1/2	2,509.46	1/2	
5/8	106.08	5/8	277.68	5/8	449.71	5/8	621.74	5/8	793.54	5/8	965.05	5/8	1,136.78	5/8	1,308.82	5/8	1,480.85	5/8	1,652.88	5/8	1,824.91	5/8	1,996.94	5/8	2,168.97	5/8	2,341.01	5/8	2,513.04	5/8	
3/4	109.52	3/4	281.26	3/4	453.30	3/4	625.33	3/4	797.12	3/4	968.66	3/4	1,140.37	3/4	1,313.40	3/4	1,484.43	3/4	1,656.46	3/4	1,828.50	3/4	1,999.53	3/4	2,172.56	3/4	2,344.59	3/4	2,516.62	3/4	
7/8	112.96	7/8	284.85	7/8	456.88	7/8	628.91	7/8	800.69	7/8	972.19	7/8	1,143.95	7/8	1,315.98	7/8	1,488.02	7/8	1,660.05	7/8	1,832.08	7/8	2,004.11	7/8	2,176.14	7/8	2,348.18	7/8	2,520.21	7/8	
1	116.40	1	288.43	1	460.46	1	632.50	1	804.26	1	975.77	1	1,147.54	1	1,319.57	1	1,492.60	1	1,664.63	1	1,836.66	1	2,008.69	1	2,179.73	1	2,351.76	1	2,523.79	1	
1 1/8	119.98	1 1/8	292.02	1 1/8	464.05	1 1/8	636.08	1 1/8	807.84	1 1/8	979.34	1 1/8	1,151.12	1 1/8	1,323.15	1 1/8	1,495.18	1 1/8	1,667.22	1 1/8	1,839.25	1 1/8	2,011.28	1 1/8	2,183.31	1 1/8	2,355.34	1 1/8	2,527.38	1 1/8	
1 1/4	123.57	1 1/4	295.60	1 1/4	467.63	1 1/4	639.66	1 1/4	811.41	1 1/4	982.91	1 1/4	1,154.70	1 1/4	1,326.74	1 1/4	1,498.77	1 1/4	1,670.80	1 1/4	1,842.83	1 1/4	2,014.86	1 1/4	2,186.90	1 1/4	2,358.93	1 1/4	2,530.96	1 1/4	
1 1/2	127.15	1 1/2	299.18	1 1/2	471.22	1 1/2	643.25	1 1/2	814.98	1 1/2	986.49	1 1/2	1,158.29	1 1/2	1,330.32	1 1/2	1,502.35	1 1/2	1,674.38	1 1/2	1,846.42	1 1/2	2,018.45	1 1/2	2,190.48	1 1/2	2,362.51	1 1/2	2,534.54	1 1/2	
1 3/8	130.74	1 3/8	302.77	1 3/8	474.80	1 3/8	646.83	1 3/8	818.56	1 3/8	990.06	1 3/8	1,161.87	1 3/8	1,333.90	1 3/8	1,505.94	1 3/8	1,677.97	1 3/8	1,850.00	1 3/8	2,022.03	1 3/8	2,194.06	1 3/8	2,366.10	1 3/8	2,538.13	1 3/8	
1 1/2	134.32	1 1/2	306.35	1 1/2	478.38	1 1/2	650.42	1 1/2	822.13	1 1/2	993.63	1 1/2	1,165.46	1 1/2	1,337.49	1 1/2	1,509.52	1 1/2	1,681.55	1 1/2	1,853.58	1 1/2	2,025.62	1 1/2	2,197.65	1 1/2	2,369.68	1 1/2	2,541.71	1 1/2	
1 5/8	137.90	1 5/8	309.94	1 5/8	481.97	1 5/8	654.00	1 5/8	825.70	1 5/8	997.21	1 5/8	1,169.04	1 5/8	1,341.07	1 5/8	1,513.10	1 5/8	1,685.14	1 5/8	1,857.17	1 5/8	2,029.20	1 5/8	2,201.23	1 5/8	2,373.26	1 5/8	2,545.30	1 5/8	
1 3/4	141.49	1 3/4	313.52	1 3/4	485.55	1 3/4	657.58	1 3/4	829.27	1 3/4	1,000.78	1 3/4	1,172.62	1 3/4	1,344.66	1 3/4	1,516.69	1 3/4	1,688.72	1 3/4	1,860.75	1 3/4	2,032.78	1 3/4	2,204.82	1 3/4	2,376.85	1 3/4	2,548.88	1 3/4	
1 7/8	145.07	1 7/8	317.10	1 7/8	489.14	1 7/8	661.17	1 7/8	832.85	1 7/8	1,004.35	1 7/8	1,176.21	1 7/8	1,348.24	1 7/8	1,520.27	1 7/8	1,692.30	1 7/8	1,864.34	1 7/8	2,036.37	1 7/8	2,208.40	1 7/8	2,380.43	1 7/8	2,552.46	1 7/8	
2	148.66	2	320.69	2	492.72	2	664.75	2	836.42	2	1,007.93	2	1,179.79	2	1,351.82	2	1,523.86	2	1,695.89	2	1,867.92	2	2,039.95	2	2,211.98	2	2,384.02	2	2,556.05	2	
2 1/8	152.24	2 1/8	324.27	2 1/8	496.30	2 1/8	668.34	2 1/8	839.99	2 1/8	1,011.50	2 1/8	1,183.36	2 1/8	1,355.41	2 1/8	1,527.44	2 1/8	1,699.47	2 1/8	1,871.50	2 1/8	2,043.54	2 1/8	2,215.57	2 1/8	2,387.60	2 1/8	2,559.63	2 1/8	
2 1/4	155.82	2 1/4	327.86	2 1/4	499.89	2 1/4	671.92	2 1/4	843.57	2 1/4	1,015.07	2 1/4	1,186.96	2 1/4	1,358.99	2 1/4	1,531.02	2 1/4	1,703.06	2 1/4	1,875.09	2 1/4	2,047.12	2 1/4	2,219.15	2 1/4	2,391.18	2 1/4	2,563.22	2 1/4	
2 1/2	159.41	2 1/2	331.44	2 1/2	503.47	2 1/2	675.50	2 1/2	847.14	2 1/2	1,018.64	2 1/2	1,190.54	2 1/2	1,362.58	2 1/2	1,534.61	2 1/2	1,706.64	2 1/2	1,878.67	2 1/2	2,050.70	2 1/2	2,222.74	2 1/2	2,394.77	2 1/2	2,566.80	2 1/2	
2 3/8	163.00	2 3/8	335.02	2 3/8	507.06	2 3/8	679.09	2 3/8	850.71	2 3/8	1,020.22	2 3/8	1,194.13	2 3/8	1,366.16	2 3/8	1,538.19	2 3/8	1,710.22	2 3/8	1,882.26	2 3/8	2,054.29	2 3/8	2,226.32	2 3/8	2,398.35	2 3/8	2,570.38	2 3/8	
2 1/2	166.58	2 1/2	338.61	2 1/2	510.64	2 1/2	682.67	2 1/2	854.29	2 1/2	1,023.79	2 1/2	1,197.71	2 1/2	1,368.74	2 1/2	1,541.78	2 1/2	1,713.81	2 1/2	1,885.84	2 1/2	2,057.87	2 1/2	2,229.90	2 1/2	2,401.94	2 1/2	2,573.97	2 1/2	
2 5/8	170.16	2 5/8	342.19	2 5/8	514.22	2 5/8	686.26	2 5/8	857.86	2 5/8	1,023.36	2 5/8	1,201.30	2 5/8	1,373.33	2 5/8	1,545.36	2 5/8	1,717.39	2 5/8	1,889.42	2 5/8	2,061.46	2 5/8	2,233.49	2 5/8	2,405.52	2 5/8	2,577.55	2 5/8	
2 3/4	173.74	2 3/4	345.78	2 3/4	517.81	2 3/4	689.84	2 3/4	861.43	2 3/4	1,033.94	2 3/4	1,204.88	2 3/4	1,376.91	2 3/4	1,548.94	2 3/4	1,720.98	2 3/4	1,893.01	2 3/4	2,065.04	2 3/4	2,237.07	2 3/4	2,409.10	2 3/4	2,581.14	2 3/4	
2 7/8	177.33	2 7/8	349.36	2 7/8	521.39	2 7/8	693.42	2 7/8	865.00	2 7/8	1,036.51	2 7/8	1,208.46	2 7/8	1,380.50	2 7/8	1,552.53	2 7/8	1,724.56	2 7/8	1,896.59	2 7/8	2,068.62	2 7/8	2,240.66	2 7/8	2,412.69	2 7/8	2,584.72	2 7/8	
3	180.91	3	352.94	3	524.98	3	697.01	3	868.58	3	1,040.08	3	1,212.05	3	1,384.08	3	1,556.11	3	1,728.14	3	1,900.18	3	2,072.21	3	2,244.24	3	2,416.27	3	2,588.30	3	
3 1/8	184.50	3 1/8	356.53	3 1/8	528.56	3 1/8	700.59	3 1/8	872.15	3 1/8	1,043.66	3 1/8	1,215.63	3 1/8	1,387.66	3 1/8	1,559.70	3 1/8	1,731.73	3 1/8	1,903.76	3 1/8	2,075.79	3 1/8	2,247.82	3 1/8	2,419.86	3 1/8	2,591.89	3 1/8	
3 1/4	188.08	3 1/4	360.11	3 1/4	532.14	3 1/4	704.18	3 1/4	875.72	3 1/4	1,047.23	3 1/4	1,219.22	3 1/4	1,391.25	3 1/4	1,563.28	3 1/4	1,735.31	3 1/4	1,907.34	3 1/4	2,079.38	3 1/4	2,251.41	3 1/4	2,423.44	3 1/4	2,595.47	3 1/4	
3 1/2	191.66	3 1/2	363.70	3 1/2	535.73	3 1/2	707.76	3 1/2	879.30	3 1/2	1,050.80	3 1/2	1,222.80	3 1/2	1,394.83	3 1/2	1,566.86	3 1/2	1,738.89	3 1/2	1,912.93	3 1/2	2,082.96	3 1/2	2,254.99	3 1/2	2,427.02	3 1/2	2,599.06	3 1/2	
3 3/8	195.25	3 3/8	367.28	3 3/8	539.31	3 3/8	711.34	3 3/8	882.87	3 3/8	1,054.37	3 3/8	1,226.38	3 3/8	1,398.42	3 3/8	1,570.45	3 3/8	1,744.48	3 3/8	1,918.51	3 3/8	2,086.54	3 3/8	2,258.58	3 3/8	2,430.61	3 3/8	2,602.64	3 3/8	
3 1/2	198.83	3 1/2	370.86	3 1/2	542.90	3 1/2	714.93	3 1/2	886.44	3 1/2	1,057.95	3 1/2	1,229.97	3 1/2	1,402.00	3 1/2	1,574.03	3 1/2	1,746.06	3 1/2	1,918.10	3 1/2	2,090.13	3 1/2	2,262.16	3 1/2	2,434.19	3 1/2	2,606.22	3 1/2	
3 5/8	202.42	3 5/8	374.45	3 5/8	546.48	3 5/8	718.51	3 5/8	890.02	3 5/8	1,061.52	3 5/8	1,233.55	3 5/8	1,405.58	3 5/8	1,577.62	3 5/8	1,749.65	3 5/8	1,921.68	3 5/8	2,093.71	3 5/8	2,265.74	3 5/8	2,437.78	3 5/8	2,609.81	3 5/8	
3 3/4	206.00	3 3/4	378.03	3 3/4	550.06	3 3/4	722.08	3 3/4	893.59	3 3/4	1,065.10	3 3/4	1,237.14	3 3/4	1,409.17	3 3/4	1,581.20	3 3/4	1,753.23	3 3/4	1,925.26	3 3/4	2,097.30	3 3/4	2,269.33	3 3/4	2,441.36	3 3/4	2,613.39	3 3/4	
3 7/8	209.58	3 7/8	381.62	3 7/8	553.65	3 7/8	725.66	3 7/8	897.16	3 7/8	1,068.69	3 7/8	1,240.72	3 7/8	1,412.75	3 7/8	1,584.78	3 7/8	1,756.82	3 7/8	1,928.85	3 7/8	2,100.88	3 7/8	2,272.91	3 7/8	2,444.94	3 7/8	2,616.98	3 7/8	
4	213.17	4	385.20	4	557.23	4	729.																								

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INSPECTORATE

ISO 9002 ACCREDITED

BARGE "MMI-3018"
HIGMAN TOWING COMPANY

INNAGE TABLE

2 PORT OR S

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4351

IN	9 FT.	IN	9 FT.	IN	10 FT.	IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.	IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN
0	3,011.22	6	3,183.25	0	3,355.28	6	3,527.31	0	3,699.34	6	3,871.38	0	4,043.41	6	4,215.44	0	4,387.47	6	4,559.50	0	4,731.53	6	4,899.46	0	5,064.15	6	5,208.22	0	5,364.15	6	5,509.89	0	5,654.15	6	5,799.89	0	5,944.15	6	6,089.89	
1/4	3,014.80	1/4	3,186.83	1/4	3,358.86	1/4	3,530.89	1/4	3,702.93	1/4	3,874.96	1/4	4,046.99	1/4	4,219.02	1/4	4,391.06	1/4	4,563.09	1/4	4,735.12	1/4	4,907.15	1/4	5,079.18	1/4	5,251.21	1/4	5,423.24	1/4	5,595.27	1/4	5,767.30	1/4	5,939.33	1/4	6,111.36	1/4	6,283.39	
1/2	3,018.38	1/2	3,190.42	1/2	3,362.45	1/2	3,534.48	1/2	3,706.51	1/2	3,878.54	1/2	4,050.58	1/2	4,222.61	1/2	4,394.64	1/2	4,566.67	1/2	4,738.70	1/2	4,910.73	1/2	5,082.76	1/2	5,254.79	1/2	5,426.82	1/2	5,598.85	1/2	5,770.88	1/2	5,942.91	1/2	6,114.94	1/2	6,286.97	
3/4	3,021.97	3/4	3,194.00	3/4	3,366.03	3/4	3,538.06	3/4	3,710.10	3/4	3,882.13	3/4	4,054.16	3/4	4,226.19	3/4	4,398.22	3/4	4,570.25	3/4	4,742.28	3/4	4,914.31	3/4	5,086.34	3/4	5,258.37	3/4	5,430.40	3/4	5,602.43	3/4	5,774.46	3/4	5,946.49	3/4	6,118.52	3/4	6,290.55	
1	3,025.55	1	3,197.58	1	3,369.62	1	3,541.65	1	3,713.66	1	3,885.69	1	4,057.74	1	4,229.78	1	4,401.81	1	4,573.84	1	4,745.87	1	4,917.90	1	5,090.93	1	5,262.96	1	5,435.00	1	5,607.03	1	5,779.06	1	5,951.09	1	6,123.12	1	6,295.15	
1 1/4	3,029.14	1 1/4	3,201.17	1 1/4	3,373.20	1 1/4	3,545.23	1 1/4	3,717.26	1 1/4	3,889.29	1 1/4	4,061.33	1 1/4	4,233.36	1 1/4	4,405.39	1 1/4	4,577.42	1 1/4	4,749.45	1 1/4	4,921.48	1 1/4	5,093.51	1 1/4	5,265.54	1 1/4	5,437.57	1 1/4	5,609.60	1 1/4	5,781.63	1 1/4	5,953.66	1 1/4	6,125.69	1 1/4	6,297.72	
1 1/2	3,032.72	1 1/2	3,204.75	1 1/2	3,376.78	1 1/2	3,548.82	1 1/2	3,720.82	1 1/2	3,892.85	1 1/2	4,064.88	1 1/2	4,236.91	1 1/2	4,408.94	1 1/2	4,580.97	1 1/2	4,753.00	1 1/2	4,925.03	1 1/2	5,097.06	1 1/2	5,269.09	1 1/2	5,441.12	1 1/2	5,613.15	1 1/2	5,785.18	1 1/2	5,957.21	1 1/2	6,129.24	1 1/2	6,301.27	
3/2	3,036.30	3/2	3,208.34	3/2	3,380.37	3/2	3,552.40	3/2	3,724.43	3/2	3,896.46	3/2	4,068.50	3/2	4,240.53	3/2	4,412.56	3/2	4,584.59	3/2	4,756.62	3/2	4,928.65	3/2	5,100.68	3/2	5,272.71	3/2	5,444.74	3/2	5,616.77	3/2	5,788.80	3/2	5,960.83	3/2	6,132.86	3/2	6,304.89	
2	3,039.89	2	3,211.92	2	3,383.95	2	3,555.98	2	3,728.02	2	3,900.05	2	4,072.08	2	4,244.11	2	4,416.14	2	4,588.17	2	4,760.20	2	4,932.23	2	5,104.26	2	5,276.29	2	5,448.32	2	5,620.35	2	5,792.38	2	5,964.41	2	6,136.44	2	6,308.47	
2 1/4	3,043.47	2 1/4	3,215.50	2 1/4	3,387.54	2 1/4	3,559.57	2 1/4	3,731.60	2 1/4	3,903.63	2 1/4	4,075.66	2 1/4	4,247.69	2 1/4	4,419.73	2 1/4	4,591.76	2 1/4	4,763.79	2 1/4	4,935.82	2 1/4	5,107.85	2 1/4	5,279.88	2 1/4	5,451.91	2 1/4	5,623.94	2 1/4	5,795.97	2 1/4	5,968.00	2 1/4	6,140.03	2 1/4	6,312.06	
2 1/2	3,047.06	2 1/2	3,219.09	2 1/2	3,391.12	2 1/2	3,563.15	2 1/2	3,733.18	2 1/2	3,905.22	2 1/2	4,077.25	2 1/2	4,249.28	2 1/2	4,421.31	2 1/2	4,593.34	2 1/2	4,765.37	2 1/2	4,937.40	2 1/2	5,109.43	2 1/2	5,281.46	2 1/2	5,453.49	2 1/2	5,625.52	2 1/2	5,797.55	2 1/2	5,969.58	2 1/2	6,141.61	2 1/2	6,313.64	
3	3,050.64	3	3,222.67	3	3,394.70	3	3,566.74	3	3,738.77	3	3,910.80	3	4,082.83	3	4,254.86	3	4,426.89	3	4,598.93	3	4,770.96	3	4,942.99	3	5,115.02	3	5,287.05	3	5,459.08	3	5,631.11	3	5,803.14	3	5,975.17	3	6,147.20	3	6,319.23	
3 1/4	3,054.22	3 1/4	3,226.26	3 1/4	3,398.29	3 1/4	3,570.32	3 1/4	3,742.35	3 1/4	3,914.38	3 1/4	4,086.42	3 1/4	4,258.45	3 1/4	4,430.48	3 1/4	4,602.51	3 1/4	4,774.54	3 1/4	4,946.57	3 1/4	5,118.60	3 1/4	5,290.63	3 1/4	5,462.66	3 1/4	5,634.69	3 1/4	5,806.72	3 1/4	5,978.75	3 1/4	6,150.78	3 1/4	6,322.81	
3 1/2	3,057.81	3 1/2	3,229.84	3 1/2	3,401.87	3 1/2	3,573.90	3 1/2	3,745.94	3 1/2	3,917.97	3 1/2	4,090.00	3 1/2	4,262.03	3 1/2	4,434.06	3 1/2	4,606.10	3 1/2	4,778.13	3 1/2	4,950.16	3 1/2	5,122.19	3 1/2	5,294.22	3 1/2	5,466.25	3 1/2	5,638.28	3 1/2	5,810.31	3 1/2	5,982.34	3 1/2	6,154.37	3 1/2	6,326.40	
4	3,061.39	4	3,233.42	4	3,405.46	4	3,577.49	4	3,749.52	4	3,921.55	4	4,093.58	4	4,265.62	4	4,437.65	4	4,609.68	4	4,781.71	4	4,953.74	4	5,125.77	4	5,297.80	4	5,469.83	4	5,641.86	4	5,813.89	4	5,985.92	4	6,157.95	4	6,330.00	
4 1/4	3,064.98	4 1/4	3,237.01	4 1/4	3,409.04	4 1/4	3,581.07	4 1/4	3,753.10	4 1/4	3,925.14	4 1/4	4,097.17	4 1/4	4,269.20	4 1/4	4,441.23	4 1/4	4,613.26	4 1/4	4,785.29	4 1/4	4,957.32	4 1/4	5,129.35	4 1/4	5,301.38	4 1/4	5,473.41	4 1/4	5,645.44	4 1/4	5,817.47	4 1/4	5,989.50	4 1/4	6,161.53	4 1/4	6,333.56	
4 1/2	3,068.56	4 1/2	3,240.59	4 1/2	3,412.62	4 1/2	3,584.66	4 1/2	3,756.69	4 1/2	3,928.72	4 1/2	4,100.75	4 1/2	4,272.78	4 1/2	4,444.82	4 1/2	4,616.85	4 1/2	4,788.88	4 1/2	4,960.91	4 1/2	5,132.94	4 1/2	5,304.97	4 1/2	5,477.00	4 1/2	5,649.03	4 1/2	5,821.06	4 1/2	5,993.09	4 1/2	6,165.12	4 1/2	6,337.15	
5	3,072.14	5	3,244.18	5	3,416.21	5	3,588.24	5	3,760.27	5	3,932.30	5	4,104.34	5	4,276.37	5	4,448.40	5	4,620.43	5	4,792.46	5	4,964.49	5	5,136.52	5	5,308.55	5	5,480.58	5	5,652.61	5	5,824.64	5	5,996.67	5	6,168.70	5	6,340.73	
5 1/4	3,075.73	5 1/4	3,247.76	5 1/4	3,419.79	5 1/4	3,591.82	5 1/4	3,763.86	5 1/4	3,935.89	5 1/4	4,107.92	5 1/4	4,279.95	5 1/4	4,451.98	5 1/4	4,624.02	5 1/4	4,796.05	5 1/4	4,968.08	5 1/4	5,140.11	5 1/4	5,312.14	5 1/4	5,484.17	5 1/4	5,656.20	5 1/4	5,828.23	5 1/4	5,999.26	5 1/4	6,171.29	5 1/4	6,343.32	
5 1/2	3,079.31	5 1/2	3,251.34	5 1/2	3,423.38	5 1/2	3,595.41	5 1/2	3,767.44	5 1/2	3,939.47	5 1/2	4,111.50	5 1/2	4,283.54	5 1/2	4,455.57	5 1/2	4,627.60	5 1/2	4,799.63	5 1/2	4,971.66	5 1/2	5,143.69	5 1/2	5,315.72	5 1/2	5,487.75	5 1/2	5,659.78	5 1/2	5,831.81	5 1/2	5,999.84	5 1/2	6,171.87	5 1/2	6,343.90	
6	3,082.90	6	3,254.93	6	3,426.96	6	3,598.99	6	3,771.02	6	3,943.06	6	4,115.09	6	4,287.12	6	4,459.15	6	4,631.18	6	4,803.21	6	4,975.24	6	5,147.27	6	5,319.30	6	5,491.33	6	5,663.36	6	5,835.39	6	5,999.42	6	6,171.45	6	6,343.48	
6 1/4	3,086.48	6 1/4	3,258.51	6 1/4	3,430.54	6 1/4	3,602.58	6 1/4	3,774.61	6 1/4	3,946.64	6 1/4	4,118.67	6 1/4	4,290.70	6 1/4	4,462.74	6 1/4	4,634.77	6 1/4	4,806.80	6 1/4	4,978.83	6 1/4	5,150.86	6 1/4	5,322.89	6 1/4	5,494.92	6 1/4	5,666.95	6 1/4	5,838.98	6 1/4	5,999.99	6 1/4	6,172.02	6 1/4	6,344.05	
6 1/2	3,090.06	6 1/2	3,262.10	6 1/2	3,434.13	6 1/2	3,606.16	6 1/2	3,778.19	6 1/2	3,950.22	6 1/2	4,122.26	6 1/2	4,294.29	6 1/2	4,466.32	6 1/2	4,638.35	6 1/2	4,810.38	6 1/2	4,982.41	6 1/2	5,154.44	6 1/2	5,326.47	6 1/2	5,498.50	6 1/2	5,670.53	6 1/2	5,842.56	6 1/2	5,999.57	6 1/2	6,172.60	6 1/2	6,344.63	
3	3,093.65	3	3,265.68																																					



BARGE "MMI-3018"
HIGMAN TOWING COMPANY
INNAAGE TABLE

3 PORT ORS

STRAPPED: 2/16/00

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

Thur

BARGE "MMI-3018"
HIGMAN TOWING COMPANY



INNAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

IN	9 FT.	IN	9 FT.	IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.	IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.
0	3,189.74	6	3,371.95	0	3,543.29	6	3,636.04	0	3,712.93	6	3,799.83	0	3,881.71	6	3,963.60	0	4,045.48	6	4,127.37	0	4,209.19	6	4,290.07	0	4,369.84	6	4,448.33	0		6	
IN	3,193.54	IN	3,375.74	IN	3,546.04	IN	3,639.75	IN	3,716.64	IN	3,801.23	IN	3,885.12	IN	3,968.01	IN	4,051.90	IN	4,135.78	IN	4,219.66	IN	4,303.54	IN	4,387.42	IN	4,471.30	IN	4,555.18	IN	
IN	3,197.33	IN	3,379.54	IN	3,549.79	IN	3,643.50	IN	3,720.39	IN	3,804.94	IN	3,889.83	IN	3,974.72	IN	4,059.61	IN	4,144.50	IN	4,229.39	IN	4,314.28	IN	4,399.17	IN	4,484.06	IN	4,568.95	IN	
IN	3,201.13	IN	3,383.34	IN	3,551.54	IN	3,645.25	IN	3,722.05	IN	3,806.54	IN	3,891.43	IN	3,976.32	IN	4,061.21	IN	4,146.10	IN	4,231.00	IN	4,315.89	IN	4,400.78	IN	4,485.67	IN	4,570.56	IN	
IN	3,204.92	IN	3,387.13	IN	3,555.29	IN	3,649.00	IN	3,725.80	IN	3,810.25	IN	3,895.14	IN	3,980.03	IN	4,064.92	IN	4,149.81	IN	4,234.70	IN	4,319.59	IN	4,404.48	IN	4,489.37	IN	4,574.26	IN	
IN	3,208.72	IN	3,390.93	IN	3,559.62	IN	3,653.33	IN	3,730.13	IN	3,814.58	IN	3,899.47	IN	3,984.36	IN	4,069.25	IN	4,154.14	IN	4,239.03	IN	4,323.92	IN	4,408.81	IN	4,493.70	IN	4,578.59	IN	
IN	3,212.52	IN	3,394.72	IN	3,563.96	IN	3,657.67	IN	3,734.47	IN	3,818.92	IN	3,903.81	IN	3,988.70	IN	4,073.59	IN	4,158.48	IN	4,243.37	IN	4,328.26	IN	4,413.15	IN	4,498.04	IN	4,582.93	IN	
IN	3,216.31	IN	3,398.52	IN	3,567.76	IN	3,661.47	IN	3,738.27	IN	3,822.72	IN	3,907.61	IN	3,992.50	IN	4,077.39	IN	4,162.28	IN	4,247.17	IN	4,332.06	IN	4,416.95	IN	4,501.84	IN	4,586.73	IN	
IN	3,220.11	IN	3,402.32	IN	3,566.62	IN	3,660.33	IN	3,737.13	IN	3,821.58	IN	3,906.47	IN	3,991.36	IN	4,076.25	IN	4,161.14	IN	4,246.03	IN	4,330.92	IN	4,415.81	IN	4,500.70	IN	4,585.59	IN	
IN	3,223.90	IN	3,406.11	IN	3,569.96	IN	3,663.67	IN	3,740.47	IN	3,824.92	IN	3,909.81	IN	3,994.70	IN	4,079.59	IN	4,164.48	IN	4,249.37	IN	4,334.26	IN	4,419.15	IN	4,504.04	IN	4,588.93	IN	
IN	3,227.70	IN	3,409.91	IN	3,573.76	IN	3,667.47	IN	3,744.27	IN	3,828.72	IN	3,913.61	IN	3,998.50	IN	4,083.39	IN	4,168.28	IN	4,253.17	IN	4,338.06	IN	4,422.95	IN	4,507.84	IN	4,592.73	IN	
IN	3,231.50	IN	3,413.70	IN	3,577.55	IN	3,671.26	IN	3,748.06	IN	3,832.51	IN	3,921.20	IN	4,006.09	IN	4,090.98	IN	4,175.87	IN	4,260.76	IN	4,345.65	IN	4,430.54	IN	4,515.43	IN	4,600.32	IN	
IN	3,235.29	IN	3,417.50	IN	3,581.35	IN	3,675.06	IN	3,751.86	IN	3,836.31	IN	3,925.00	IN	4,009.89	IN	4,094.78	IN	4,179.67	IN	4,264.56	IN	4,349.45	IN	4,434.34	IN	4,519.23	IN	4,604.12	IN	
IN	3,239.09	IN	3,421.30	IN	3,585.15	IN	3,678.86	IN	3,755.66	IN	3,840.11	IN	3,925.00	IN	4,009.89	IN	4,094.78	IN	4,179.67	IN	4,264.56	IN	4,349.45	IN	4,434.34	IN	4,519.23	IN	4,604.12	IN	
IN	3,242.88	IN	3,425.09	IN	3,588.94	IN	3,682.65	IN	3,759.45	IN	3,843.90	IN	3,928.79	IN	4,013.68	IN	4,098.57	IN	4,183.46	IN	4,268.35	IN	4,353.24	IN	4,438.13	IN	4,523.02	IN	4,607.91	IN	
IN	3,246.68	IN	3,428.89	IN	3,592.70	IN	3,686.41	IN	3,763.21	IN	3,847.66	IN	3,932.55	IN	4,017.44	IN	4,102.33	IN	4,187.22	IN	4,272.11	IN	4,357.00	IN	4,441.89	IN	4,526.78	IN	4,611.67	IN	
IN	3,250.48	IN	3,432.68	IN	3,596.52	IN	3,690.23	IN	3,767.03	IN	3,851.48	IN	3,936.37	IN	4,021.26	IN	4,106.15	IN	4,191.04	IN	4,275.93	IN	4,360.82	IN	4,445.71	IN	4,530.60	IN	4,615.49	IN	
IN	3,254.27	IN	3,436.48	IN	3,599.95	IN	3,693.66	IN	3,770.46	IN	3,854.91	IN	3,939.80	IN	4,024.69	IN	4,109.58	IN	4,194.47	IN	4,279.36	IN	4,364.25	IN	4,449.14	IN	4,534.03	IN	4,618.92	IN	
IN	3,258.07	IN	3,440.28	IN	3,599.95	IN	3,693.66	IN	3,770.46	IN	3,854.91	IN	3,939.80	IN	4,024.69	IN	4,109.58	IN	4,194.47	IN	4,279.36	IN	4,364.25	IN	4,449.14	IN	4,534.03	IN	4,618.92	IN	
IN	3,261.86	IN	3,444.07	IN	3,599.95	IN	3,693.66	IN	3,770.46	IN	3,854.91	IN	3,939.80	IN	4,024.69	IN	4,109.58	IN	4,194.47	IN	4,279.36	IN	4,364.25	IN	4,449.14	IN	4,534.03	IN	4,618.92	IN	
IN	3,265.66	IN	3,447.87	IN	3,599.95	IN	3,693.66	IN	3,770.46	IN	3,854.91	IN	3,939.80	IN	4,024.69	IN	4,109.58	IN	4,194.47	IN	4,279.36	IN	4,364.25	IN	4,449.14	IN	4,534.03	IN	4,618.92	IN	
IN	3,269.46	IN	3,451.66	IN	3,599.95	IN	3,693.66	IN	3,770.46	IN	3,854.91	IN	3,939.80	IN	4,024.69	IN	4,109.58	IN	4,194.47	IN	4,279.36	IN	4,364.25	IN	4,449.14	IN	4,534.03	IN	4,618.92	IN	
IN	3,273.25	IN	3,455.46	IN	3,599.95	IN	3,693.66	IN	3,770.46	IN	3,854.91	IN	3,939.80	IN	4,024.69	IN	4,109.58	IN	4,194.47	IN	4,279.36	IN	4,364.25	IN	4,449.14	IN	4,534.03	IN	4,618.92	IN	
IN	3,277.05	IN	3,459.26	IN	3,599.95	IN	3,693.66	IN	3,770.46	IN	3,854.91	IN	3,939.80	IN	4,024.69	IN	4,109.58	IN	4,194.47	IN	4,279.36	IN	4,364.25	IN	4,449.14	IN	4,534.03	IN	4,618.92	IN	
IN	3,280.84	IN	3,463.05	IN	3,599.95	IN	3,693.66	IN	3,770.46	IN	3,854.91	IN	3,939.80	IN	4,024.69	IN	4,109.58	IN	4,194.47	IN	4,279.36	IN	4,364.25	IN	4,449.14	IN	4,534.03	IN	4,618.92	IN	
IN	3,284.64	IN	3,466.85	IN	3,599.95	IN	3,693.66	IN	3,770.46	IN	3,854.91	IN	3,939.80	IN	4,024.69	IN	4,109.58	IN	4,194.47	IN	4,279.36	IN	4,364.25	IN	4,449.14	IN	4,534.03	IN	4,618.92	IN	
IN	3,288.44	IN	3,470.64	IN	3,599.95	IN	3,693.66	IN	3,770.46	IN	3,854.91	IN	3,939.80	IN	4,024.69	IN	4,109.58	IN	4,194.47	IN	4,279.36	IN	4,364.25	IN	4,449.14	IN	4,534.03	IN	4,618.92	IN	
IN	3,292.23	IN	3,474.44	IN	3,600.22	IN	3,693.93	IN	3,770.73	IN	3,855.13	IN	3,940.02	IN	4,024.91	IN	4,109.80	IN	4,194.69	IN	4,279.58	IN	4,364.47	IN	4,449.36	IN	4,534.25	IN	4,619.14	IN	
IN	3,296.03	IN	3,478.24	IN	3,604.02	IN	3,697.73	IN	3,774.53	IN	3,859.73	IN	3,944.62	IN	4,029.51	IN	4,114.40	IN	4,200.29	IN	4,285.18	IN	4,370.07	IN	4,454.96	IN	4,539.85	IN	4,624.74	IN	
IN	3,299.82	IN	3,482.02	IN	3,607.82	IN	3,699.93	IN	3,778.13	IN	3,863.13	IN	3,948.02	IN	4,032.91	IN	4,117.80	IN	4,202.69	IN	4,287.58	IN	4,372.47	IN	4,457.36	IN	4,542.25	IN	4,627.14	IN	
IN	3,303.62	IN	3,485.81	IN	3,611.62	IN	3,703.73	IN	3,788.73	IN	3,873.73	IN	3,958.73	IN	4,043.73	IN	4,128.73	IN	4,213.73	IN	4,298.73	IN	4,383.73	IN	4,468.73	IN	4,553.73	IN	4,638.73	IN	
IN	3,307.42	IN	3,489.60	IN	3,615.42	IN	3,707.53	IN	3,792.53	IN	3,877.53	IN	3,962.53	IN	4,047.53	IN	4,132.53	IN	4,217.53	IN	4,302.53	IN	4,387.53	IN	4,472.53	IN	4,557.53	IN	4,642.53	IN	
IN	3,311.21	IN	3,493.39	IN	3,619.21	IN	3,711.32	IN	3,796.32	IN	3,881.32	IN	3,966.32	IN	4,051.32	IN	4,136.32	IN	4,221.32	IN	4,306.32	IN	4,391.32	IN	4,476.32	IN	4,561.32	IN	4,646.32	IN	
IN	3,315.01	IN	3,497.17	IN	3,623.01	IN	3,715.12	IN	3,800.12	IN	3,885.12	IN	3,970.12	IN	4,055.12	IN	4,140.12	IN	4,225.12	IN	4,310.12	IN	4,395.12	IN	4,480.12	IN	4,565.12	IN	4,650.12	IN	
IN	3,318.8.80																														

ISO 9002 ACCREDITED

OUTAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 4351

[illegible]

REFERENCE GAUGE HEIGHT : 18-1 1/4" (RIM OF HATCH LOCATED ON EXPANSION TRUNK).

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

INSPECTORATE AMERICA CORPORATION



BARGE "MMI-3018"
HIGMAN TOWING COMPANY

OUTGAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN																																HULL IN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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IN		131 FT.		IN		131 FT.		IN		132 FT.		IN		132 FT.		IN		133 FT.		IN		133 FT.		IN		134 FT.		IN		134 FT.		IN		135 FT.		IN		135 FT.		IN		136 FT.		IN		136 FT.		IN		137 FT.		IN		137 FT.		IN		138 FT.		IN		138 FT.		IN		139 FT.		IN		139 FT.		IN		140 FT.		IN		140 FT.		IN		141 FT.		IN		141 FT.		IN		142 FT.		IN		142 FT.		IN		143 FT.		IN		143 FT.		IN		144 FT.		IN		144 FT.		IN		145 FT.		IN		145 FT.		IN		146 FT.		IN		146 FT.		IN		147 FT.		IN		147 FT.		IN		148 FT.		IN		148 FT.		IN		149 FT.		IN		149 FT.		IN		150 FT.		IN		150 FT.		IN		151 FT.		IN		151 FT.		IN		152 FT.		IN		152 FT.		IN		153 FT.		IN		153 FT.		IN		154 FT.		IN		154 FT.		IN		155 FT.		IN		155 FT.		IN		156 FT.		IN		156 FT.		IN		157 FT.		IN		157 FT.		IN		158 FT.		IN		158 FT.		IN		159 FT.		IN		159 FT.		IN		160 FT.		IN		160 FT.		IN		161 FT.		IN		161 FT.		IN		162 FT.		IN		162 FT.		IN		163 FT.		IN		163 FT.		IN		164 FT.		IN		164 FT.		IN		165 FT.		IN		165 FT.		IN		166 FT.		IN		166 FT.		IN		167 FT.		IN		167 FT.		IN		168 FT.		IN		168 FT.		IN		169 FT.		IN		169 FT.		IN		170 FT.		IN		170 FT.		IN		171 FT.		IN		171 FT.		IN		172 FT.		IN		172 FT.		IN		173 FT.		IN		173 FT.		IN		174 FT.		IN		174 FT.		IN		175 FT.		IN		175 FT.		IN		176 FT.		IN		176 FT.		IN		177 FT.		IN		177 FT.		IN		178 FT.		IN		178 FT.		IN		179 FT.		IN		179 FT.		IN		180 FT.		IN		180 FT.		IN		181 FT.		IN		181 FT.		IN		182 FT.		IN		182 FT.		IN		183 FT.		IN		183 FT.		IN		184 FT.		IN		184 FT.		IN		185 FT.		IN		185 FT.		IN		186 FT.		IN		186 FT.		IN		187 FT.		IN		187 FT.		IN		188 FT.		IN		188 FT.		IN		189 FT.		IN		189 FT.		IN		190 FT.		IN		190 FT.		IN		191 FT.		IN		191 FT.		IN		192 FT.		IN		192 FT.		IN		193 FT.		IN		193 FT.		IN		194 FT.		IN		194 FT.		IN		195 FT.		IN		195 FT.		IN		196 FT.		IN		196 FT.		IN		197 FT.		IN		197 FT.		IN		198 FT.		IN		198 FT.		IN		199 FT.		IN		199 FT.		IN		200 FT.		IN		200 FT.		IN		201 FT.		IN		201 FT.		IN		202 FT.		IN		202 FT.		IN		203 FT.		IN		203 FT.		IN		204 FT.		IN		204 FT.		IN		205 FT.		IN		205 FT.		IN		206 FT.		IN		206 FT.		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ISO 9002 ACCREDITED

OUTAGE TABLE

1 STAR.

HULL NO. 4351

IN 0 FT.		IN 0 FT.		IN 1 FT.		IN 1 FT.		IN 2 FT.		IN 2 FT.		IN 3 FT.		IN 3 FT.		IN 4 FT.		IN 4 FT.		IN 5 FT.		IN 5 FT.		IN 6 FT.		IN 6 FT.		IN 7 FT.		IN 7 FT.		IN 8 FT.	
IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.	IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.
0		6		8		6				6		5,461.66	0	5,347.90	5,173.62	0	4,995.42	4,813.65	0	4,630.91	4,448.18	0	4,265.44	4,082.70	0	4,008.70	3,825.97	0	3,747.23	3,564.50	0	3,521.33	
1		7		9		7				7		5,461.66	1	5,347.90	5,173.62	1	4,995.42	4,813.65	1	4,630.91	4,448.18	1	4,265.44	4,082.70	1	4,008.70	3,825.97	1	3,747.23	3,564.50	1	3,521.33	
2		8		10		8				8		5,461.66	2	5,347.90	5,173.62	2	4,995.42	4,813.65	2	4,630.91	4,448.18	2	4,265.44	4,082.70	2	4,008.70	3,825.97	2	3,747.23	3,564.50	2	3,521.33	
3		9		11		9				9		5,461.66	3	5,347.90	5,173.62	3	4,995.42	4,813.65	3	4,630.91	4,448.18	3	4,265.44	4,082.70	3	4,008.70	3,825.97	3	3,747.23	3,564.50	3	3,521.33	
4		10		12		10				10		5,461.66	4	5,347.90	5,173.62	4	4,995.42	4,813.65	4	4,630.91	4,448.18	4	4,265.44	4,082.70	4	4,008.70	3,825.97	4	3,747.23	3,564.50	4	3,521.33	
5		11		13		11				11		5,461.66	5	5,347.90	5,173.62	5	4,995.42	4,813.65	5	4,630.91	4,448.18	5	4,265.44	4,082.70	5	4,008.70	3,825.97	5	3,747.23	3,564.50	5	3,521.33	
6		12		14		12				12		5,461.66	6	5,347.90	5,173.62	6	4,995.42	4,813.65	6	4,630.91	4,448.18	6	4,265.44	4,082.70	6	4,008.70	3,825.97	6	3,747.23	3,564.50	6	3,521.33	
7		13		15		13				13		5,461.66	7	5,347.90	5,173.62	7	4,995.42	4,813.65	7	4,630.91	4,448.18	7	4,265.44	4,082.70	7	4,008.70	3,825.97	7	3,747.23	3,564.50	7	3,521.33	
8		14		16		14				14		5,461.66	8	5,347.90	5,173.62	8	4,995.42	4,813.65	8	4,630.91	4,448.18	8	4,265.44	4,082.70	8	4,008.70	3,825.97	8	3,747.23	3,564.50	8	3,521.33	
9		15		17		15				15		5,461.66	9	5,347.90	5,173.62	9	4,995.42	4,813.65	9	4,630.91	4,448.18	9	4,265.44	4,082.70	9	4,008.70	3,825.97	9	3,747.23	3,564.50	9	3,521.33	
10		16		18		16				16		5,461.66	10	5,347.90	5,173.62	10	4,995.42	4,813.65	10	4,630.91	4,448.18	10	4,265.44	4,082.70	10	4,008.70	3,825.97	10	3,747.23	3,564.50	10	3,521.33	
11		17		19		17				17		5,461.66	11	5,347.90	5,173.62	11	4,995.42	4,813.65	11	4,630.91	4,448.18	11	4,265.44	4,082.70	11	4,008.70	3,825.97	11	3,747.23	3,564.50	11	3,521.33	
12		18		20		18				18		5,461.66	12	5,347.90	5,173.62	12	4,995.42	4,813.65	12	4,630.91	4,448.18	12	4,265.44	4,082.70	12	4,008.70	3,825.97	12	3,747.23	3,564.50	12	3,521.33	
13		19		21		19				19		5,461.66	13	5,347.90	5,173.62	13	4,995.42	4,813.65	13	4,630.91	4,448.18	13	4,265.44	4,082.70	13	4,008.70	3,825.97	13	3,747.23	3,564.50	13	3,521.33	
14		20		22		20				20		5,461.66	14	5,347.90	5,173.62	14	4,995.42	4,813.65	14	4,630.91	4,448.18	14	4,265.44	4,082.70	14	4,008.70	3,825.97	14	3,747.23	3,564.50	14	3,521.33	
15		21		23		21				21		5,461.66	15	5,347.90	5,173.62	15	4,995.42	4,813.65	15	4,630.91	4,448.18	15	4,265.44	4,082.70	15	4,008.70	3,825.97	15	3,747.23	3,564.50	15	3,521.33	
16		22		24		22				22		5,461.66	16	5,347.90	5,173.62	16	4,995.42	4,813.65	16	4,630.91	4,448.18	16	4,265.44	4,082.70	16	4,008.70	3,825.97	16	3,747.23	3,564.50	16	3,521.33	
17		23		25		23				23		5,461.66	17	5,347.90	5,173.62	17	4,995.42	4,813.65	17	4,630.91	4,448.18	17	4,265.44	4,082.70	17	4,008.70	3,825.97	17	3,747.23	3,564.50	17	3,521.33	
18		24		26		24				24		5,461.66	18	5,347.90	5,173.62	18	4,995.42	4,813.65	18	4,630.91	4,448.18	18	4,265.44	4,082.70	18	4,008.70	3,825.97	18	3,747.23	3,564.50	18	3,521.33	
19		25		27		25				25		5,461.66	19	5,347.90	5,173.62	19	4,995.42	4,813.65	19	4,630.91	4,448.18	19	4,265.44	4,082.70	19	4,008.70	3,825.97	19	3,747.23</				

ON EXPANSION TRUNK)

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 "MMI-3018"
HIGMAN TOWING COMPANY

OUTAGE TABLE

1 ST

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN												HULL IN																								
IN	9 FT.	IN	9 FT.	IN	10 FT.	IN	10 FT.	IN	11 FT.	IN	11 FT.	IN	11 FT.	IN	12 FT.	IN	12 FT.	IN	13 FT.	IN	13 FT.	IN	14 FT.	IN	14 FT.	IN	15 FT.	IN	15 FT.	IN	16 FT.	IN	16 FT.	IN	17 FT.	IN
0	3,168.02	6	2,986.29	0	2,803.55	6	2,620.82	0	2,438.08	6	2,255.34	0	2,072.61	6	1,889.87	0	1,707.14	6	1,524.40	0	1,341.66	6	1,158.93	0	976.46	6	794.25	0	611.87	6	434.47	0	265.72	6		
10	3,165.22	16	2,982.48	10	2,799.75	16	2,617.01	10	2,434.27	16	2,251.54	10	2,066.80	16	1,886.07	10	1,703.33	16	1,520.59	10	1,337.85	16	1,155.13	10	968.86	16	786.66	10	604.30	16	427.22	16	258.84	16		
20	3,161.41	26	2,978.67	20	2,795.94	26	2,613.20	20	2,430.47	26	2,247.73	20	2,064.99	26	1,882.26	20	1,699.52	26	1,516.79	20	1,334.05	26	1,151.31	20	965.07	26	782.86	20	600.52	26	423.60	26	255.40	26		
30	3,157.60	32	2,974.87	30	2,792.13	36	2,609.40	30	2,426.66	36	2,243.92	30	2,061.31	36	1,878.45	30	1,695.72	36	1,512.98	30	1,330.24	36	1,147.51	30	961.27	36	779.06	30	597.48	36	419.38	36	251.96	36		
40	3,153.80	38	2,971.06	40	2,788.32	46	2,605.59	40	2,422.85	46	2,240.12	40	2,057.38	46	1,874.64	40	1,691.91	46	1,509.17	40	1,326.44	46	1,143.70	40	957.31	46	775.27	40	592.85	46	416.35	46	248.52	46		
50	3,149.99	44	2,967.25	50	2,784.52	54	2,601.78	50	2,418.05	54	2,236.31	50	2,053.57	54	1,870.84	50	1,687.03	54	1,505.37	50	1,321.63	54	1,138.09	50	953.58	54	771.47	50	589.16	54	412.73	54	245.06	54		
60	3,146.18	50	2,963.45	60	2,780.71	66	2,597.97	60	2,414.34	66	2,231.50	60	2,049.77	66	1,867.77	60	1,684.29	66	1,501.56	60	1,316.42	66	1,135.09	60	949.88	66	767.68	60	585.38	66	409.11	66	241.64	66		
70	3,142.38	56	2,959.64	70	2,776.90	76	2,594.17	70	2,411.43	76	2,228.70	70	2,045.96	76	1,863.22	70	1,680.49	76	1,497.75	70	1,311.02	76	1,132.28	70	946.09	76	763.88	70	581.60	76	405.48	76	238.30	76		
80	3,138.57	62	2,955.83	80	2,773.10	86	2,590.36	80	2,407.62	86	2,224.89	80	2,042.35	86	1,859.42	80	1,676.68	86	1,493.94	80	1,311.31	86	1,128.47	80	942.29	86	760.08	80	577.08	86	401.95	86	234.86	86		
90	3,134.76	68	2,952.03	90	2,769.29	96	2,586.55	90	2,403.82	96	2,221.08	90	2,038.35	96	1,855.61	90	1,672.87	96	1,490.34	90	1,307.40	96	1,124.67	90	938.50	96	756.29	90	574.17	96	398.42	96	231.51	96		
100	3,130.95	74	2,948.22	100	2,765.48	106	2,582.75	100	2,400.01	106	2,217.27	100	2,034.54	106	1,851.80	100	1,669.07	106	1,486.33	100	1,303.59	106	1,121.06	100	934.70	106	752.49	100	570.45	106	394.09	106	228.16	106		
110	3,127.15	80	2,944.41	110	2,761.68	116	2,578.94	110	2,396.20	116	2,213.47	110	2,030.92	116	1,848.00	110	1,665.36	116	1,482.52	110	1,299.79	116	1,117.05	110	930.90	116	748.70	110	566.74	116	391.36	116	224.82	116		
120	3,123.34	86	2,940.60	120	2,757.87	126	2,574.13	120	2,392.40	126	2,209.66	120	2,026.92	126	1,844.19	120	1,661.45	126	1,478.72	120	1,295.98	126	1,113.24	120	927.31	126	744.10	120	563.02	126	387.83	126	221.47	126		
130	3,119.53	92	2,936.80	130	2,754.06	136	2,571.33	130	2,388.59	136	2,205.85	130	2,023.12	136	1,840.38	130	1,657.65	136	1,474.94	130	1,291.17	136	1,109.44	130	923.11	136	741.10	130	559.31	136	384.30	136	218.12	136		
140	3,115.73	98	2,933.00	140	2,750.25	146	2,567.52	140	2,384.78	146	2,202.05	140	2,019.31	146	1,836.57	140	1,653.04	146	1,471.10	140	1,288.27	146	1,106.63	140	919.52	146	737.31	140	555.59	146	380.77	146	214.78	146		
150	3,111.92	104	2,929.18	150	2,746.45	156	2,563.71	150	2,380.98	156	2,198.24	150	2,015.50	156	1,832.77	150	1,650.30	156	1,467.30	150	1,284.56	156	1,103.82	150	915.72	156	733.51	150	551.88	156	377.24	156	211.43	156		
160	3,108.11	110	2,925.38	160	2,742.64	166	2,559.90	160	2,377.17	166	2,194.43	160	2,011.70	166	1,828.96	160	1,646.22	166	1,463.48	160	1,278.65	166	1,099.42	160	911.82	166	729.72	160	548.16	166	373.71	166	208.08	166		
170	3,104.31	116	2,921.57	170	2,738.83	176	2,556.10	170	2,373.36	176	2,190.63	170	2,007.89	176	1,825.15	170	1,642.42	176	1,459.46	170	1,274.84	176	1,096.40	170	908.13	176	725.92	170	544.45	176	370.17	176	204.73	176		
180	3,100.50	122	2,917.76	180	2,735.03	186	2,552.29	180	2,368.55	186	2,186.82	180	2,004.08	186	1,821.35	180	1,638.61	186	1,455.87	180	1,271.14	186	1,092.40	180	904.33	186	722.12	180	540.73	186	366.44	186	201.39	186		
190	3,096.69	128	2,913.96	190	2,731.22	196	2,548.48	190	2,363.75	196	2,183.01	190	2,000.28	196	1,817.54	190	1,634.80	196	1,452.02	190	1,266.33	196	1,088.60	190	900.54	196	718.33	190	537.02	196	363.11	196	198.04	196		
200	3,092.88	134	2,910.15	200	2,727.41	206	2,544.68	200	2,359.07	206	2,178.20	200	1,996.47	206	1,813.73	200	1,631.00	206	1,448.26	200	1,261.52	206	1,085.29	200	896.74	206	714.53	200	533.30	206	359.58	206	194.69	206		
210	3,089.08	140	2,906.34	210	2,723.61	216	2,540.87	210	2,354.33	216	2,173.59	210	1,992.66	216	1,809.93	210	1,627.19	216	1,444.45	210	1,258.72	216	1,082.79	210	892.94	216	710.74	210	529.59	216	356.05	216	191.35	216		
220	3,085.27	146	2,902.53	220	2,719.80	226	2,537.06	220	2,350.82	226	2,171.78	220	1,988.85	226	1,806.12	220	1,623.38	226	1,439.64	220	1,254.91	226	1,077.17	220	889.15	226	706.94	220	525.87	226	352.82	226	188.00	226		
230	3,081.46	152	2,898.73	230	2,715.99	236	2,533.26	230	2,345.82	236	2,167.78	230	1,985.05	236	1,802.31	230	1,619.58	236	1,436.58	230	1,250.30	236	1,073.49	230	885.35	236	703.14	230	522.16	236	348.99	236	184.65	236		
240	3,077.66	158	2,894.92	240	2,712.18	246	2,528.45	240	2,340.71	246	2,163.98	240	1,977.43	246	1,798.50	240	1,615.77	246	1,433.03	240	1,246.49	246	1,067.56	240	881.56	246	699.34	240	518.46	246	345.46	246	181.31	246		
250	3,073																																			

INSPECTORATE

ISO 9002 ACCREDITED

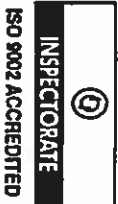
BARGE "MMI-3018"

HIGMAN TOWING COMPANY

OUTAGE TABLE

2 PORT OR STA

BARGE SHOULD BE ON EVEN KEEL WHEN GAUGES ARE TAKEN												HULL NO. 4351																	
IN 0 FT.			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	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.	IN	7 FT.	IN	7 FT.	IN	8 FT.
0		6		0		6		0		6		0		6		0		6		0		6		0		6		0	
10		16		10		16		10		16		10		16		10		16		10		16		10		16		10	
20		26		20		26		20		26		20		26		20		26		20		26		20		26		20	
30		36		30		36		30		36		30		36		30		36		30		36		30		36		30	
40		46		40		46		40		46		40		46		40		46		40		46		40		46		40	
50		56		50		56		50		56		50		56		50		56		50		56		50		56		50	
60		66		60		66		60		66		60		66		60		66		60		66		60		66		60	
70		76		70		76		70		76		70		76		70		76		70		76		70		76		70	
80		86		80		86		80		86		80		86		80		86		80		86		80		86		80	
90		96		90		96		90		96		90		96		90		96		90		96		90		96		90	
100		106		100		106		100		106		100		106		100		106		100		106		100		106		100	
110		116		110		116		110		116		110		116		110		116		110		116		110		116		110	
120		126		120		126		120		126		120		126		120		126		120		126		120		126		120	
130		136		130		136		130		136		130		136		130		136		130		136		130		136		130	
140		146		140		146		140		146		140		146		140		146		140		146		140		146		140	
150		156		150		156		150		156		150		156		150		156		150		156		150		156		150	
160		166		160		166		160		166		160		166		160		166		160		166		160		166		160	
170		176		170		176		170		176		170		176		170		176		170		176		170		176		170	
180		186		180		186		180		186		180		186		180		186		180		186		180		186		180	
190		196		190		196		190		196		190		196		190		196		190		196		190		196		190	
200		206		200		206		200		206		200		206		200		206		200		206		200		206		200	
210		216		210		216		210		216		210		216		210		216		210		216		210		216		210	
220		226		220		226		220		226		220		226		220		226		220		226		220		226		220	
230		236		230		236		230		236		230		236		230		236		230		236		230		236		230	
240		246		240		246		240		246		240		246		240		246		240		246		240		246		240	
250		256		250		256		250		256		250		256		250		256		250		256		250		256		250	
260		266		260		266		260		266		260		266		260		266		260		266		260		266		260	
270		276		270		276		270		276		270		276		270		276		270		276		270		276		270	
280		286		280		286		280		286		280		286		280		286		280		286		280		286		280	
290		296		290		296		290		296		290		296		290		296		290		296		290		296		290	
300		306		300		306		300		306		300		306		300		306		300		306		300		306		300	
310		316		310		316		310		316		310		316		310		316		310		316		310		316		310	
320		326		320		326		320		326		320		326		320		326		320		326		320		326		320	
330		336		330		336		330		336		330		336		330		336		330		336		330		336		330	
340		346		340		346		340		346		340		346		340		346		340		346		340		346		340	
350		356		350		356		350		356		350		356		350		356		350		356		350		356		350	
360		366		360		366		360		366		360		366		360		366		360		366		360		366		360	
370		376		370		376		370		376		370		376		370		376		370		376		370		376		370	
380		386		380		386		380		386		380		386		380		386		380		386		380		386		380	
390		396		390		396		390		396		390		396		390		396		390		396		390		396		390	
400		406		400		406		400		406		400		406		400		406		400		406		400		406		400	
410		416		410		416		410		416		410		416		410		416		410		416		410		416		410	
420		426		420		426		420		426		420		426		420		426		420		426		420		426		420	
430		436		430		436		430		436		430		436		430		436		430		436		430		436		430	
440		446		440		446		440		446		440		446		440		446		440		446		440		446		440	
450		456		450		456		450		456		450		456		450		456		450		456		450		456		450	
460		466		460		466		460		466		460		466		460		466		460		466		460		466		460	
470		476		470		476		470		476		470		476		470		476		470		476		470		476		470	
480		486		480		486		480		486		480		486		480		486		480		486		480		486		480	
490		496		490		496		490		496		490		496		490		496		490		496		490		496		490	
500		506		500		506		500		506		500		506		500		506		500		506		500		506		500	
510		516		510		516		510		516		510		516		510		516		510		516		510		516		510	
520		526		520		526		520		526		520		526		520		526		520		526		520		526		520	
530		536		530		536		530		536		530		536		530		536		530		536		530		536		530	
540		546		540		546		540		546		540		546		540		546		540		546		540		546		540	
550		556		550		556		550		556		550		556		550		556		550		556		550		556		550	
560		566		560		566		560		566		560		566		560		566		560		566		560		566		560	
570		576		570		576		570		576		570		576		570		576		570		576		570		576		570	
580		586		580		586		580		586		580		586		580		586		580		586		580		586		580	
590		596		590		596		590		596		590		596		590		596		590		596		590		596		590	
600		606		600		606		600		606		600		606		600		606		600		606		600		606		600	
610		616		610		616		610		616		610		616		610		616		610		616		610		616		610	
620		626		620		626		620		626		620		626		620		626											



BARGE "MMI-3018"
HIGMAN TOWING COMPANY

OUTAGE TABLE

2 PORT 0

HULL NC		BARGE SHOULD BE ON EVENLY LEVEL KEEL WHEN GAUGES ARE TAKEN		HULL NC	
IN	9 FT.	IN	9 FT.	IN	9 FT.
0	2,047.06	6	2,875.02	IN <td>10 FT.</td>	10 FT.
UN	2,043.47	UN	2,871.44	IN <td>10 FT.</td>	10 FT.
UN	2,039.89	UN	2,867.86	IN	10 FT.
UN	2,036.30	UN	2,864.27	IN	10 FT.
UN	2,032.72	UN	2,860.69	IN	10 FT.
UN	2,029.14	UN	2,857.10	IN	10 FT.
UN	2,025.55	UN	2,853.52	IN	10 FT.
UN	2,021.97	UN	2,849.94	IN	10 FT.
UN	2,018.38	UN	2,846.35	IN	10 FT.
UN	2,014.80	UN	2,842.77	IN	10 FT.
UN	2,011.22	UN	2,839.18	IN	10 FT.
UN	2,007.63	UN	2,835.60	IN	10 FT.
UN	2,004.05	UN	2,832.02	IN	10 FT.
UN	2,000.46	UN	2,828.43	IN	10 FT.
UN	2,996.88	UN	2,824.85	IN	10 FT.
UN	2,993.30	UN	2,821.26	IN	10 FT.
UN	2,989.71	UN	2,817.68	IN	10 FT.
UN	2,986.13	UN	2,814.10	IN	10 FT.
UN	2,982.54	UN	2,810.51	IN	10 FT.
UN	2,978.96	UN	2,806.93	IN	10 FT.
UN	2,975.38	UN	2,803.34	IN	10 FT.
UN	2,971.79	UN	2,799.76	IN	10 FT.
UN	2,968.21	UN	2,796.18	IN	10 FT.
UN	2,964.62	UN	2,792.59	IN	10 FT.
UN	2,961.04	UN	2,789.01	IN	10 FT.
UN	2,957.46	UN	2,785.42	IN	10 FT.
UN	2,953.87	UN	2,781.84	IN	10 FT.
UN	2,950.29	UN	2,778.26	IN	10 FT.
UN	2,946.70	UN	2,774.67	IN	10 FT.
UN	2,943.12	UN	2,771.09	IN	10 FT.
UN	2,939.54	UN	2,767.50	IN	10 FT.
UN	2,935.95	UN	2,763.92	IN	10 FT.
UN	2,932.37	UN	2,760.34	IN	10 FT.
UN	2,928.78	UN	2,756.75	IN	10 FT.
UN	2,925.20	UN	2,753.17	IN	10 FT.
UN	2,921.62	UN	2,749.58	IN	10 FT.
UN	2,918.03	UN	2,746.00	IN	10 FT.
UN	2,914.45	UN	2,742.42	IN	10 FT.
UN	2,910.86	UN	2,738.83	IN	10 FT.
UN	2,907.28	UN	2,735.25	IN	10 FT.
UN	2,903.70	UN	2,731.66	IN	10 FT.
UN	2,899.11	UN	2,728.08	IN	10 FT.
UN	2,895.53	UN	2,724.50	IN	10 FT.
UN	2,891.94	UN	2,720.91	IN	10 FT.
UN	2,888.36	UN	2,717.33	IN	10 FT.
UN	2,884.78	UN	2,713.74	IN	10 FT.
UN	2,881.19	UN	2,710.16	IN	10 FT.
UN	2,877.61	UN	2,706.58	IN	10 FT.
UN	2,874.03	UN	2,703.00	IN	10 FT.
UN	2,870.45	UN	2,699.42	IN	10 FT.
UN	2,866.87	UN	2,695.84	IN	10 FT.
UN	2,863.29	UN	2,692.26	IN	10 FT.
UN	2,859.71	UN	2,688.68	IN	10 FT.
UN	2,856.13	UN	2,685.10	IN	10 FT.
UN	2,852.55	UN	2,681.52	IN	10 FT.
UN	2,848.97	UN	2,677.94	IN	10 FT.
UN	2,845.39	UN	2,674.36	IN	10 FT.
UN	2,841.81	UN	2,670.78	IN	10 FT.
UN	2,838.23	UN	2,667.20	IN	10 FT.
UN	2,834.65	UN	2,663.62	IN	10 FT.
UN	2,831.07	UN	2,660.04	IN	10 FT.
UN	2,827.49	UN	2,656.46	IN	10 FT.
UN	2,823.91	UN	2,652.88	IN	10 FT.
UN	2,820.33	UN	2,649.30	IN	10 FT.
UN	2,816.75	UN	2,645.72	IN	10 FT.
UN	2,813.17	UN	2,642.14	IN	10 FT.
UN	2,809.59	UN	2,638.56	IN	10 FT.
UN	2,806.01	UN	2,634.98	IN	10 FT.
UN	2,802.43	UN	2,631.40	IN	10 FT.
UN	2,798.85	UN	2,627.82	IN	10 FT.
UN	2,795.27	UN	2,624.24	IN	10 FT.
UN	2,791.69	UN	2,620.66	IN	10 FT.
UN	2,788.11	UN	2,617.08	IN	10 FT.
UN	2,784.53	UN	2,613.50	IN	10 FT.
UN	2,780.95	UN	2,609.92	IN	10 FT.
UN	2,777.37	UN	2,606.34	IN	10 FT.
UN	2,773.79	UN	2,602.76	IN	10 FT.
UN	2,770.21	UN	2,599.18	IN	10 FT.
UN	2,766.63	UN	2,595.60	IN	10 FT.
UN	2,763.05	UN	2,592.02	IN	10 FT.
UN	2,759.47	UN	2,588.44	IN	10 FT.
UN	2,755.89	UN	2,584.86	IN	10 FT.
UN	2,752.31	UN	2,581.28	IN	10 FT.
UN	2,748.73	UN	2,577.70	IN	10 FT.
UN	2,745.15	UN	2,574.12	IN	10 FT.
UN	2,741.57	UN	2,570.54	IN	10 FT.
UN	2,737.99	UN	2,566.96	IN	10 FT.
UN	2,734.41	UN	2,563.38	IN	10 FT.
UN	2,730.83	UN	2,559.80	IN	10 FT.
UN	2,727.25	UN	2,556.22	IN	10 FT.
UN	2,723.67	UN	2,552.64	IN	10 FT.
UN	2,720.09	UN	2,549.06	IN	10 FT.
UN	2,716.51	UN	2,545.48	IN	10 FT.
UN	2,712.93	UN	2,541.90	IN	10 FT.
UN	2,709.35	UN	2,538.32	IN	10 FT.
UN	2,705.77	UN	2,534.74	IN	10 FT.
UN	2,702.19	UN	2,531.16	IN	10 FT.
UN	2,698.61	UN	2,527.58	IN	10 FT.
UN	2,695.03	UN	2,524.00	IN	10 FT.
UN	2,691.45	UN	2,520.42	IN	10 FT.
UN	2,687.87	UN	2,516.84	IN	10 FT.
UN	2,684.29	UN	2,513.26	IN	10 FT.
UN	2,680.71	UN	2,509.68	IN	10 FT.
UN	2,677.13	UN	2,506.10	IN	10 FT.
UN	2,673.55	UN	2,502.52	IN	10 FT.
UN	2,669.97	UN	2,498.94	IN	10 FT.
UN	2,666.39	UN	2,495.36	IN	10 FT.
UN	2,662.81	UN	2,491.78	IN	10 FT.
UN	2,659.23	UN	2,488.20	IN	10 FT.
UN	2,655.65	UN	2,484.62	IN	10 FT.
UN	2,652.07	UN	2,481.04	IN	10 FT.
UN	2,648.49	UN	2,477.46	IN	10 FT.
UN	2,644.91	UN	2,473.88	IN	10 FT.
UN	2,641.33	UN	2,470.30	IN	10 FT.
UN	2,637.75	UN	2,466.72	IN	10 FT.
UN	2,634.17	UN	2,463.14	IN	10 FT.
UN	2,630.59	UN	2,459.56	IN	10 FT.
UN	2,627.01	UN	2,455.98	IN	10 FT.
UN	2,623.43	UN	2,452.40	IN	10 FT.
UN	2,619.85	UN	2,448.82	IN	10 FT.
UN	2,616.27	UN	2,445.24	IN	10 FT.
UN	2,612.69	UN	2,441.66	IN	10 FT.
UN	2,609.11	UN	2,438.08	IN	10 FT.
UN	2,605.53	UN	2,434.50	IN	10 FT.
UN	2,601.95	UN	2,430.92	IN	10 FT.
UN	2,598.37	UN	2,427.34	IN	10 FT.
UN	2,594.79	UN	2,423.76	IN	10 FT.
UN	2,591.21	UN	2,420.18	IN	10 FT.
UN	2,587.63	UN	2,416.60	IN	10 FT.
UN	2,584.05	UN	2,413.02	IN	10 FT.
UN	2,580.47	UN	2,409.44	IN	10 FT.
UN	2,576.89	UN	2,405.86	IN	10 FT.
UN	2,573.31	UN	2,402.28	IN	10 FT.
UN	2,569.73	UN	2,398.70	IN	10 FT.
UN	2,566.15	UN	2,395.12	IN	10 FT.
UN	2,562.57	UN	2,391.54	IN	10 FT.
UN	2,558.99	UN	2,387.96	IN	10 FT.
UN	2,555.41	UN	2,384.38	IN	10 FT.
UN	2,551.83	UN	2,380.80	IN	10 FT.
UN	2,548.25	UN	2,377.22	IN	10 FT.
UN	2,544.67	UN	2,373.64	IN	10 FT.
UN	2,541.09	UN	2,370.06	IN	10 FT.
UN	2,537.51	UN	2,366.48	IN	10 FT.
UN	2,533.93	UN	2,362.90	IN	10 FT.
UN	2,530.35	UN	2,359.32	IN	10 FT.
UN	2,526.77	UN	2,355.74	IN	10 FT.
UN	2,523.19	UN	2,352.16	IN	10 FT.
UN	2,519.61	UN	2,348.58	IN	10 FT.
UN	2,516.03	UN	2,345.00	IN	10 FT.
UN	2,512.45	UN	2,341.42	IN	10 FT.
UN	2,508.87	UN	2,337.84	IN	10 FT.
UN	2,505.29	UN	2,334.26	IN	10 FT.
UN	2,501.71	UN	2,330.68	IN	10 FT.
UN	2,498.13	UN	2,327.10	IN	10 FT.
UN	2,494.55	UN	2,323.52	IN	10 FT.
UN	2,490.97	UN	2,319.94	IN	10 FT.
UN	2,487.39	UN	2,316.36	IN	10 FT.
UN	2,483.81	UN	2,312.78	IN	10 FT.
UN	2,480.23	UN	2,309.20	IN	10 FT.
UN	2,476.65	UN	2,305.62	IN	10 FT.
UN	2,473.07	UN	2,302.04	IN	10 FT.
UN	2,469.49	UN	2,298.46	IN	10 FT.
UN	2,465.91	UN	2,294.88	IN	10 FT.
UN	2,462.33	UN	2,291.30	IN	10 FT.
UN	2,458.75	UN	2,287.72	IN	10 FT.
UN	2,455.17	UN	2,284.14	IN	10 FT.
UN	2,451.59	UN	2,280.56	IN	10 FT.
UN	2,448.01	UN	2,276.98	IN	10 FT.
UN	2,444.43	UN	2,273.40	IN	10 FT.
UN	2,440.85	UN	2,269.82	IN	10 FT.
UN	2,437.27	UN	2,266.24	IN	10 FT.
UN	2,433.69	UN	2,262.66	IN	10 FT.
UN	2,430.11	UN	2,259.08	IN	10 FT.
UN	2,426.53	UN	2,255.50	IN	10 FT.
UN	2,422.95	UN	2,251.92	IN	10 FT.
UN	2,419.37	UN	2,248.34	IN	10 FT.
UN	2,415.79	UN	2,244.76	IN	10 FT.
UN	2,412.21	UN	2,241.18	IN	10 FT.
UN	2,408.63	UN	2,237.60	IN	10 FT.
UN	2,405.05	UN	2,234.02	IN	10 FT.
UN	2,401.47	UN	2,230.44	IN	10 FT.
UN	2,397.89	UN	2,226.86	IN	10 FT.
UN	2,394.31	UN	2,223.28	IN	10 FT.
UN	2,390.73	UN	2,219.70	IN	10 FT.
UN	2,387.15	UN	2,216.12	IN	10 FT.
UN	2,383.57	UN	2,212.54	IN	10 FT.
UN	2,380.00	UN	2,208.96	IN	10 FT.
UN	2,376.42	UN	2,205.38	IN	10 FT.
UN	2,372.84	UN	2,201.80	IN	10 FT.
UN	2,369.26	UN	2,198.22	IN	10 FT.
UN	2,365.68	UN	2,194.64	IN	10 FT.
UN	2,362.10	UN	2,191.06	IN	10 FT.
UN	2,358.52	UN	2,187.48	IN	10 FT.
UN	2,354.94	UN	2,183.90	IN	10 FT.
UN	2,351.36	UN	2,180.32	IN	10 FT.
UN	2,347.78	UN	2,176.74	IN	10 FT.
UN	2,344.20	UN	2,173.16	IN	10 FT.
UN	2,340.62	UN	2,169.58	IN	10 FT.
UN	2,337.04	UN	2,166.00	IN	10 FT.
UN	2,333.46	UN	2,162.42	IN	10 FT.
UN	2,329.88	UN	2,158.84	IN	10 FT.
UN	2,326.30	UN	2,155.26	IN	10 FT.
UN	2,322.72	UN	2,151.68	IN	10 FT.
UN	2,319.14	UN	2,148.10	IN	10 FT.
UN	2,315.56	UN	2,144.52	IN	10 FT.
UN	2,311.98	UN	2,140.94	IN	10 FT.
UN	2,308.40	UN	2,137.36	IN	10 FT.
UN	2,304.82	UN	2,133.78	IN	10 FT.
UN	2,301.24	UN	2,130.20	IN	10 FT.
UN	2,297.66	UN	2,126.62	IN	10 FT.
UN	2,294.08	UN	2,123.04	IN	10 FT.
UN	2,290.50	UN	2,119.46	IN	10 FT.
UN	2,286.92	UN	2,115.88	IN	10 FT.
UN	2,283.34	UN	2,112.30	IN	10 FT.

ISO 9002 ACCREDITED

3 PORT

HULL NO. 435

[illegible]

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

INSPECTORATE AMERICA CORPORATION



BARGE "MMI-3018"
HIGMAN TOWING COMPANY

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN																																HULL																															
IN 9 FT. IN 9 FT. IN 10 FT. IN 10 FT. IN 11 FT. IN 11 FT. IN 11 FT. IN 12 FT. IN 13 FT. IN 13 FT. IN 14 FT. IN 14 FT. IN 14 FT. IN 15 FT. IN 15 FT. IN 16 FT. IN 16 FT. IN 17 FT. IN 17 FT. IN 17 FT. IN 18 FT. IN 18 FT. IN 18 FT. IN 19 FT. IN 19 FT. IN 19 FT. IN 20 FT. IN 20 FT. IN 20 FT. IN 21 FT. IN 21 FT. IN 21 FT. IN 22 FT. IN 22 FT. IN 22 FT. IN 23 FT. IN 23 FT. IN 23 FT. IN 24 FT. IN 24 FT. IN 24 FT. IN 25 FT. IN 25 FT. IN 25 FT. IN 26 FT. IN 26 FT. IN 26 FT. IN 27 FT. IN 27 FT. IN 27 FT. IN 28 FT. IN 28 FT. IN 28 FT. IN 29 FT. IN 29 FT. IN 29 FT. IN 30 FT. IN 30 FT. IN 30 FT. IN 31 FT. IN 31 FT. IN 31 FT. IN 32 FT. IN 32 FT. IN 32 FT. IN 33 FT. IN 33 FT. IN 33 FT. IN 34 FT. IN 34 FT. IN 34 FT. IN 35 FT. IN 35 FT. IN 35 FT. IN 36 FT. IN 36 FT. IN 36 FT. IN 37 FT. IN 37 FT. IN 37 FT. IN 38 FT. IN 38 FT. IN 38 FT. IN 39 FT. IN 39 FT. IN 39 FT. IN 40 FT. IN 40 FT. IN 40 FT. IN 41 FT. IN 41 FT. IN 41 FT. IN 42 FT. IN 42 FT. IN 42 FT. IN 43 FT. IN 43 FT. IN 43 FT. IN 44 FT. IN 44 FT. 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INSPECTORATE AMERICA CORPORATION



BARGE "MMI-3018"
HIGMAN TOWING COMPANY

OUTAGE TABLE

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0	3,235.29	0	3,053.08	0	2,870.88	0	2,688.67	0	2,506.46	0	2,324.25	0	2,142.04	0	1,959.84	0	1,777.63	0	1,595.42	0	1,413.21	0	1,231.00	0	1,049.02	0	867.34	0	685.44	0	503.23	0	321.02	0																													
IN	3,231.50	IN	3,049.29	IN	2,867.08	IN	2,684.87	IN	2,502.66	IN	2,320.46	IN	2,138.25	IN	1,956.04	IN	1,773.83	IN	1,591.62	IN	1,409.42	IN	1,227.21	IN	1,044.53	IN	863.55	IN	681.64	IN	499.43	IN	317.22	IN																													
IN	3,227.70	IN	3,045.49	IN	2,863.28	IN	2,681.08	IN	2,498.87	IN	2,316.66	IN	2,134.45	IN	1,952.24	IN	1,770.04	IN	1,587.83	IN	1,405.62	IN	1,223.41	IN	1,040.93	IN	859.77	IN	677.86	IN	495.64	IN	313.43	IN																													
IN	3,223.90	IN	3,041.70	IN	2,859.49	IN	2,677.28	IN	2,495.07	IN	2,312.86	IN	2,130.66	IN	1,948.45	IN	1,766.24	IN	1,584.03	IN	1,401.82	IN	1,219.62	IN	1,037.66	IN	855.98	IN	674.05	IN	493.44	IN	309.63	IN																													
IN	3,220.11	IN	3,037.90	IN	2,855.69	IN	2,673.48	IN	2,491.28	IN	2,309.07	IN	2,126.86	IN	1,944.65	IN	1,762.44	IN	1,580.24	IN	1,398.03	IN	1,215.82	IN	1,033.68	IN	852.20	IN	670.25	IN	489.04	IN	305.84	IN																													
IN	3,216.31	IN	3,034.10	IN	2,851.90	IN	2,669.69	IN	2,487.48	IN	2,305.27	IN	2,123.06	IN	1,942.86	IN	1,758.65	IN	1,576.44	IN	1,394.23	IN	1,212.02	IN	1,030.93	IN	848.41	IN	666.46	IN	484.25	IN	302.04	IN																													
IN	3,212.52	IN	3,030.31	IN	2,848.10	IN	2,665.89	IN	2,483.68	IN	2,301.48	IN	2,119.27	IN	1,937.06	IN	1,754.85	IN	1,572.64	IN	1,390.44	IN	1,208.23	IN	1,028.31	IN	844.63	IN	662.66	IN	480.45	IN	298.24	IN																													
IN	3,208.72	IN	3,026.51	IN	2,844.30	IN	2,662.10	IN	2,479.89	IN	2,297.68	IN	2,115.47	IN	1,933.26	IN	1,751.06	IN	1,568.85	IN	1,386.64	IN	1,204.43	IN	1,022.52	IN	840.84	IN	658.86	IN	476.66	IN	294.45	IN																													
1	3,204.92	1	3,022.72	1	2,840.51	1	2,658.30	1	2,476.09	1	2,293.88	1	2,113.68	1	1,929.47	1	1,747.26	1	1,565.05	1	1,382.84	1	1,200.64	1	1,018.74	1	837.06	1	655.07	1	472.86	1	290.65	1																													
IN	3,201.13	IN	3,018.92	IN	2,836.71	IN	2,654.50	IN	2,472.20	IN	2,290.09	IN	2,107.88	IN	1,925.67	IN	1,743.46	IN	1,562.84	IN	1,379.65	IN	1,197.45	IN	1,016.95	IN	833.27	IN	651.27	IN	469.06	IN	286.86	IN																													
IN	3,197.33	IN	3,015.12	IN	2,832.92	IN	2,650.71	IN	2,468.50	IN	2,286.29	IN	2,104.08	IN	1,921.88	IN	1,739.67	IN	1,559.66	IN	1,375.45	IN	1,193.25	IN	1,015.17	IN	829.49	IN	647.48	IN	465.27	IN	283.06	IN																													
IN	3,193.54	IN	3,011.33	IN	2,829.12	IN	2,646.91	IN	2,464.70	IN	2,282.50	IN	2,100.29	IN	1,918.08	IN	1,735.87	IN	1,555.66	IN	1,371.46	IN	1,189.25	IN	1,003.38	IN	825.70	IN	643.68	IN	461.47	IN	279.26	IN																													
IN	3,189.74	IN	3,007.53	IN	2,825.32	IN	2,643.12	IN	2,460.91	IN	2,278.70	IN	2,096.49	IN	1,914.28	IN	1,732.08	IN	1,549.87	IN	1,367.66	IN	1,185.45	IN	1,001.60	IN	821.92	IN	639.88	IN	457.68	IN	275.47	IN																													
IN	3,185.94	IN	3,003.74	IN	2,821.53	IN	2,639.32	IN	2,457.11	IN	2,274.90	IN	2,092.70	IN	1,910.49	IN	1,728.28	IN	1,546.07	IN	1,363.86	IN	1,181.66	IN	1,000.31	IN	818.13	IN	636.09	IN	453.88	IN	271.67	IN																													
IN	3,182.15	IN	2,999.94	IN	2,817.73	IN	2,635.52	IN	2,453.32	IN	2,271.11	IN	2,088.90	IN	1,906.69	IN	1,724.48	IN	1,542.28	IN	1,360.07	IN	1,177.86	IN	1,000.31	IN	814.35	IN	632.29	IN	450.08	IN	267.88	IN																													
IN	3,178.35	IN	2,996.14	IN	2,813.94	IN	2,631.73	IN	2,449.52	IN	2,267.31	IN	2,085.10	IN	1,902.90	IN	1,720.69	IN	1,538.48	IN	1,356.27	IN	1,174.06	IN	1,000.31	IN	810.56	IN	628.50	IN	446.29	IN	264.08	IN																													
2	3,174.56	2	2,992.35	2	2,810.14	2	2,627.93	2	2,445.72	2	2,263.52	2	2,081.31	2	1,899.10	2	1,716.89	2	1,534.68	2	1,352.48	2	1,170.27	2	998.46	2	806.78	2	624.70	2	442.49	2	260.28	2																													
IN	3,170.76	IN	2,988.55	IN	2,806.34	IN	2,624.14	IN	2,441.93	IN	2,259.72	IN	2,077.51	IN	1,895.30	IN	1,713.10	IN	1,532.09	IN	1,349.89	IN	1,167.68	IN	994.67	IN	802.99	IN	620.90	IN	438.70	IN	256.49	IN																													
IN	3,166.96	IN	2,984.76	IN	2,802.55	IN	2,620.34	IN	2,438.13	IN	2,255.92	IN	2,073.72	IN	1,891.51	IN	1,709.30	IN	1,527.09	IN	1,347.68	IN	1,165.48	IN	990.89	IN	799.21	IN	617.11	IN	434.90	IN	252.69	IN																													
IN	3,163.17	IN	2,980.96	IN	2,798.75	IN	2,616.54	IN	2,434.34	IN	2,252.13	IN	2,069.92	IN	1,887.71	IN	1,705.50	IN	1,523.29	IN	1,345.48	IN	1,163.28	IN	987.10	IN	795.42	IN	613.31	IN	431.10	IN	248.90	IN																													
IN	3,159.37	IN	2,977.16	IN	2,794.96	IN	2,612.75	IN	2,430.54	IN	2,248.33	IN	2,066.12	IN	1,883.92	IN	1,701.71	IN	1,519.50	IN	1,343.29	IN	1,161.08	IN	985.35	IN	791.64	IN	609.52	IN	427.31	IN	245.10	IN																													
IN	3,155.58	IN	2,973.37	IN	2,791.16	IN	2,608.95	IN	2,426.74	IN	2,244.54	IN	2,062.33	IN	1,880.12	IN	1,697.91	IN	1,515.70	IN	1,339.70	IN	1,158.29	IN	983.58	IN	787.85	IN	605.72	IN	423.51	IN	241.30	IN																													
IN	3,151.78	IN	2,969.57	IN	2,787.36	IN	2,605.16	IN	2,422.95	IN	2,240.74	IN	2,058.53	IN	1,876.32	IN	1,694.12	IN	1,511.91	IN	1,335.90	IN	1,154.70	IN	981.96	IN	784.07	IN	601.92	IN	419.72	IN	237.51	IN																													
IN	3,147.98	IN	2,965.78	IN	2,783.57	IN	2,601.36	IN	2,419.15	IN	2,236.94	IN	2,054.74	IN	1,872.53	IN	1,690.32	IN	1,508.11	IN	1,332.10	IN	1,150.90	IN	979.39	IN	780.28	IN	600.12	IN	415.92	IN	233.71	IN																													
3	3,144.19	3	2,961.98	3	2,779.77	3	2,597.56	3	2,415.36	3	2,233.15	3	2,050.94	3	1,868.73	3	1,686.52	3	1,504.32	3	1,329.11	3	1,146.90	3	977.50	3	776.50	3	594.33	3	413.12	3	229.92	3																													
IN	3,140.39	IN	2,958.18	IN	2,775.98	IN	2,593.77	IN	2,411.56	IN	2,229.35	IN	2,047.53	IN	1,864.94	IN	1,682.73	IN	1,500.52	IN	1,325.31	IN	1,143.10	IN	975.69	IN	772.71	IN	590.54	IN	409.33	IN	226.12	IN																													
IN	3,136.60	IN	2,954.39	IN	2,772.18	IN	2,589.97	IN	2,407.76	IN	2,225.56	IN	2,043.73	IN	1,861.14	IN	1,678.93	IN	1,498.72	IN	1,321.52	IN	1,139.31	IN	973.88	IN	768.93	IN	586.74	IN	405.54	IN	222.32	IN																													
IN	3,132.80	IN	2,950.59	IN	2,768.38	IN	2,586.18	IN	2,403.97	IN	2,221.76	IN	2,039.95	IN	1,857.34	IN	1,675.14	IN	1,494.93	IN	1,317.72	IN	1,135.51	IN	972.07	IN	765.16	IN	583.15	IN	401.74	IN	218.53	IN																													
IN	3,129.00	IN	2,946.80	IN	2,764.59	IN	2,582.38	IN	2,400.17	IN	2,217.96	IN	2,036.16	IN	1,853.55	IN	1,671.34	IN	1,491.13	IN	1,313.92	IN	1,131.72	IN	969.53	IN	761.36	IN	579.35	IN	397.94	IN	214.74	IN																													
IN	3,125.21	IN	2,943.00	IN	2,760.79	IN	2,578.58	IN	2,396.38	IN	2,214.17	IN	2,032.37	IN	1,849.75	IN	1,667.54	IN	1,487.34	IN	1,310.13	IN	1,127.93	IN	967.72	IN	757.58	IN	575.35	IN	393.14	IN	210.94	IN																													
IN	3,121.41	IN	2,939.20	IN	2,757.00	IN	2,574.79	IN	2,392.58	IN	2,210.37	IN	2,028.58	IN	1,845.96	IN	1,663.75	IN	1,483.54	IN	1,306.34	IN	1,124.14	IN	965.91	IN	753.76	IN	571.56	IN	389.35	IN	207.14	IN																													
IN	3,117.62	IN	2,935.41	IN	2,753.20																																																										