



BARGE "BUFFALO 802"

BUFFALO MARINE SERVICE


HULL NO. 2162-1

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

NOTE: FOR TRIM FWD., REVERSE SIGNS.

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

NOTE: FOR "OUTAGE" GAUGES, REVERSE SIGNS.

DATE: 6/4/07 BY: 
INSPECTORATE AMERICA CORPORATION



BARGE "BUFFALO 802" BUFFALO MARINE SERVICE

INNAGE TABLE

1 PORT OR STAR

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

HULL NO. 2162-1

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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	6.11	0	192.71	0	391.28	0	589.86	0	788.43	0	987.01	0	1,185.59	0	1,384.16	0	1,582.74	0	1,781.31	0	1,979.89	0	2,178.47	0	2,377.04	0	2,536.90	0	
1/4	7.88	1/4	196.84	1/4	395.42	1/4	593.99	1/4	792.57	1/4	991.15	1/4	1,189.72	1/4	1,388.30	1/4	1,586.87	1/4	1,785.45	1/4	1,984.03	1/4	2,182.60	1/4	2,381.18	1/4	2,537.53	1/4	
1/2	9.64	1/2	200.98	1/2	399.56	1/2	598.13	1/2	796.71	1/2	995.28	1/2	1,193.86	1/2	1,392.44	1/2	1,591.01	1/2	1,789.59	1/2	1,988.16	1/2	2,186.74	1/2	2,385.32	1/2	2,538.17	1/2	
3/4	12.60	3/4	205.12	3/4	403.69	3/4	602.27	3/4	800.84	3/4	999.42	3/4	1,198.00	3/4	1,396.57	3/4	1,595.15	3/4	1,793.72	3/4	1,992.30	3/4	2,190.88	3/4	2,389.45	3/4	2,538.33	3/4	
1	15.55	1	209.25	1	407.83	1	606.41	1	804.98	1	1,003.56	1	1,202.13	1	1,400.71	1	1,599.29	1	1,797.86	1	1,996.44	1	2,195.01	1	2,393.59	1	2,538.49	1	
1/4	18.50	1/4	213.39	1/4	411.97	1/4	610.54	1/4	809.12	1/4	1,007.69	1/4	1,206.27	1/4	1,404.85	1/4	1,603.42	1/4	1,802.00	1/4	2,000.57	1/4	2,199.15	1/4	2,397.73	1/4		1/4	
1/2	21.45	1/2	217.53	1/2	416.10	1/2	614.68	1/2	813.26	1/2	1,011.83	1/2	1,210.41	1/2	1,408.98	1/2	1,607.56	1/2	1,806.14	1/2	2,004.71	1/2	2,203.29	1/2	2,401.86	1/2		1/2	
3/4	25.29	3/4	221.67	3/4	420.24	3/4	618.82	3/4	817.39	3/4	1,015.97	3/4	1,214.54	3/4	1,413.12	3/4	1,611.70	3/4	1,810.27	3/4	2,008.85	3/4	2,207.42	3/4	2,406.00	3/4		3/4	
2	29.13	2	225.80	2	424.38	2	622.95	2	821.53	2	1,020.11	2	1,218.68	2	1,417.26	2	1,615.83	2	1,814.41	2	2,012.99	2	2,211.56	2	2,410.14	2		2	
1/4	33.27	1/4	229.94	1/4	428.52	1/4	627.09	1/4	825.67	1/4	1,024.24	1/4	1,222.82	1/4	1,421.39	1/4	1,619.97	1/4	1,818.55	1/4	2,017.12	1/4	2,215.70	1/4	2,414.27	1/4		1/4	
1/2	37.40	1/2	234.08	1/2	432.65	1/2	631.23	1/2	829.80	1/2	1,028.38	1/2	1,226.96	1/2	1,425.53	1/2	1,624.11	1/2	1,822.68	1/2	2,021.26	1/2	2,219.84	1/2	2,418.41	1/2		1/2	
3/4	41.54	3/4	238.21	3/4	436.79	3/4	635.36	3/4	833.94	3/4	1,032.52	3/4	1,231.09	3/4	1,429.67	3/4	1,628.24	3/4	1,826.82	3/4	2,025.40	3/4	2,223.97	3/4	2,422.55	3/4		3/4	
3	45.68	3	242.35	3	440.93	3	639.50	3	838.08	3	1,036.65	3	1,235.23	3	1,433.81	3	1,632.38	3	1,830.96	3	2,029.53	3	2,228.11	3	2,426.69	3		3	
1/4	49.81	1/4	246.49	1/4	445.06	1/4	643.64	1/4	842.21	1/4	1,040.79	1/4	1,239.37	1/4	1,437.94	1/4	1,636.52	1/4	1,835.09	1/4	2,033.67	1/4	2,232.25	1/4	2,430.82	1/4		1/4	
1/2	53.95	1/2	250.62	1/2	449.20	1/2	647.78	1/2	846.35	1/2	1,044.93	1/2	1,243.50	1/2	1,442.08	1/2	1,640.66	1/2	1,839.23	1/2	2,037.81	1/2	2,236.38	1/2	2,434.96	1/2		1/2	
3/4	58.08	3/4	254.76	3/4	453.34	3/4	651.91	3/4	850.49	3/4	1,049.06	3/4	1,247.64	3/4	1,446.22	3/4	1,644.79	3/4	1,843.37	3/4	2,041.94	3/4	2,240.52	3/4	2,439.10	3/4		3/4	
4	62.22	4	258.90	4	457.47	4	656.05	4	854.63	4	1,053.20	4	1,251.78	4	1,450.35	4	1,648.93	4	1,847.51	4	2,046.08	4	2,244.66	4	2,443.23	4		4	
1/4	66.36	1/4	263.04	1/4	461.61	1/4	660.19	1/4	858.76	1/4	1,057.34	1/4	1,255.91	1/4	1,454.49	1/4	1,653.07	1/4	1,851.64	1/4	2,050.22	1/4	2,248.79	1/4	2,447.37	1/4		1/4	
1/2	70.49	1/2	267.17	1/2	465.75	1/2	664.32	1/2	862.90	1/2	1,061.48	1/2	1,260.05	1/2	1,458.63	1/2	1,657.20	1/2	1,855.78	1/2	2,054.36	1/2	2,252.93	1/2	2,451.51	1/2		1/2	
3/4	74.55	3/4	271.31	3/4	469.89	3/4	668.46	3/4	867.04	3/4	1,065.61	3/4	1,264.19	3/4	1,462.76	3/4	1,664.34	3/4	1,859.92	3/4	2,058.49	3/4	2,257.07	3/4	2,455.65	3/4		3/4	
5	78.61	5	275.45	5	474.02	5	672.60	5	871.17	5	1,069.75	5	1,268.33	5	1,466.90	5	1,665.48	5	1,864.05	5	2,062.63	5	2,261.21	5	2,459.78	5		5	
1/4	82.67	1/4	279.58	1/4	478.16	1/4	676.73	1/4	875.31	1/4	1,073.89	1/4	1,272.46	1/4	1,471.04	1/4	1,669.61	1/4	1,868.19	1/4	2,066.77	1/4	2,265.34	1/4	2,463.92	1/4		1/4	
1/2	86.72	1/2	283.72	1/2	482.30	1/2	680.87	1/2	879.45	1/2	1,078.02	1/2	1,276.60	1/2	1,475.18	1/2	1,673.75	1/2	1,872.33	1/2	2,070.90	1/2	2,269.48	1/2	2,468.06	1/2		1/2	
3/4	90.78	3/4	287.86	3/4	486.43	3/4	685.01	3/4	883.58	3/4	1,082.16	3/4	1,280.74	3/4	1,479.31	3/4	1,677.89	3/4	1,876.46	3/4	2,075.04	3/4	2,273.62	3/4	2,472.19	3/4		3/4	
6	94.84	6	291.99	6	490.57	6	689.15	6	887.72	6	1,086.30	6	1,284.87	6	1,483.45	6	1,682.03	6	1,880.60	6	2,079.18	6	2,277.75	6	2,476.33	6		6	
1/4	98.90	1/4	296.13	1/4	494.71	1/4	693.28	1/4	891.86	1/4	1,090.43	1/4	1,289.01	1/4	1,487.59	1/4	1,686.16	1/4	1,884.74	1/4	2,083.31	1/4	2,281.89	1/4	2,480.47	1/4		1/4	
1/2	102.96	1/2	300.27	1/2	498.84	1/2	697.42	1/2	896.00	1/2	1,094.57	1/2	1,293.15	1/2	1,491.72	1/2	1,690.30	1/2	1,888.88	1/2	2,087.45	1/2	2,286.03	1/2	2,484.60	1/2		1/2	
3/4	107.01	3/4	304.41	3/4	502.98	3/4	701.56	3/4	900.13	3/4	1,098.71	3/4	1,297.28	3/4	1,495.86	3/4	1,694.44	3/4	1,893.01	3/4	2,091.59	3/4	2,290.16	3/4	2,488.43	3/4		3/4	
7	111.07	7	308.54	7	507.12	7	705.69	7	904.27	7	1,102.85	7	1,301.42	7	1,500.00	7	1,698.57	7	1,897.15	7	2,095.73	7	2,294.30	7	2,492.26	7		7	
1/4	115.13	1/4	312.68	1/4	511.26	1/4	709.83	1/4	908.41	1/4	1,106.98	1/4	1,305.56	1/4	1,504.13	1/4	1,702.71	1/4	1,901.29	1/4	2,099.86	1/4	2,298.44	1/4	2,496.08	1/4		1/4	
1/2	119.19	1/2	316.82	1/2	515.39	1/2	713.97	1/2	912.54	1/2	1,111.12	1/2	1,309.70	1/2	1,508.27	1/2	1,706.85	1/2	1,905.42	1/2	2,104.00	1/2	2,302.58	1/2	2,499.91	1/2		1/2	
3/4	123.25	3/4	320.95	3/4	519.53	3/4	718.10	3/4	916.68	3/4	1,115.26	3/4	1,313.83	3/4	1,512.41	3/4	1,710.98	3/4	1,909.56	3/4	2,108.14	3/4	2,306.71	3/4	2,503.10	3/4		3/4	
8	127.30	8	325.09	8	523.67	8	722.24	8	920.82	8	1,119.39	8	1,317.97	8	1,516.55	8	1,715.12	8	1,913.70	8	2,112.27	8	2,310.85	8	2,506.29	8		8	
1/4	131.36	1/4	329.23	1/4	527.80	1/4	726.38	1/4	924.95	1/4	1,123.53	1/4	1,322.11	1/4	1,520.68	1/4	1,719.26	1/4	1,917.83	1/4	2,116.41	1/4	2,314.99	1/4	2,509.48	1/4		1/4	
1/2	135.42	1/2	333.36	1/2	531.94	1/2	730.52	1/2	929.09	1/2	1,127.67	1/2	1,326.24	1/2	1,524.82	1/2	1,723.40	1/2	1,921.97	1/2	2,120.55	1/2	2,319.12	1/2	2,512.66	1/2		1/2	
3/4	139.48	3/4	337.50	3/4	536.08	3/4	734.65	3/4	933.23	3/4	1,131.80	3/4	1,330.38	3/4	1,528.96	3/4	1,727.53	3/4	1,926.11	3/4	2,124.68	3/4	2,323.26	3/4	2,515.22	3/4		3/4	
9	143.54	9	341.64	9	540.21	9	738.79	9	937.37	9	1,135.94	9	1,334.52	9	1,533.09	9	1,731.67	9	1,930.25	9	2,128.82	9	2,327.40	9	2,517.77	9		9	
1/4	147.59	1/4	345.78	1/4	544.35	1/4	742.93	1/4	941.50	1/4	1,140.08	1/4	1,338.65	1/4	1,537.23	1/4	1,735.81	1/4	1,934.38	1/4	2,132.96	1/4	2,331.53	1/4	2,520.32	1/4		1/4	
1/2	151.65	1/2	349.91	1/2	548.49	1/2	747.06	1/2	945.64	1/2	1,144.22	1/2	1,342.79	1/2	1,541.37	1/2	1,739.94	1/2	1,938.52	1/2	2,137.10	1/2	2,335.67	1/2	2,522.87	1/2		1/2	
3/4	155.71	3/4	354.05	3/4	552.62	3/4	751.20	3/4	949.78	3/4	1,148.35	3/4	1,346.93	3/4	1,545.50	3/4	1,744.08	3/4	1,942.66	3/4	2,141.23	3/4	2,339.81	3/4	2,524.78	3/4		3/4	
10	159.77	10	358.19	10	556.76	10	755.34	10																					



BARGE "BUFFALO 802" BUFFALO MARINE SERVICE

INNAGE TABLE

2 PORT OR STAR

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

HULL NO. 2162-1

	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	6.11	192.50	389.39	586.29	783.18	980.08	1,176.98	1,373.87	1,570.77	1,767.66	1,964.56	2,161.46	2,358.35	2,517.30	
1/4	7.88	196.60	393.49	590.39	787.29	984.18	1,181.08	1,377.97	1,574.87	1,771.77	1,968.66	2,165.56	2,362.45	2,517.93	
1/2	9.64	200.70	397.60	594.49	791.39	988.28	1,185.18	1,382.08	1,578.97	1,775.87	1,972.76	2,169.66	2,366.56	2,518.57	
3/4	12.60	204.80	401.70	598.59	795.49	992.39	1,189.28	1,386.18	1,583.07	1,779.97	1,976.87	2,173.76	2,370.66	2,518.73	
1	15.55	208.90	405.80	602.70	799.59	996.49	1,193.38	1,390.28	1,587.18	1,784.07	1,980.97	2,177.86	2,374.76	2,518.89	
1/4	18.50	213.01	409.90	606.80	803.69	1,000.59	1,197.49	1,394.38	1,591.28	1,788.17	1,985.07	2,181.97	2,378.86		1/4
1/2	21.45	217.11	414.00	610.90	807.80	1,004.69	1,201.59	1,398.48	1,595.38	1,792.28	1,989.17	2,186.07	2,382.96		1/2
3/4	25.29	221.21	418.11	615.00	811.90	1,008.79	1,205.69	1,402.59	1,599.48	1,796.38	1,993.27	2,190.17	2,387.07		3/4
2	29.13	225.31	422.21	619.10	816.00	1,012.90	1,209.79	1,406.69	1,603.58	1,800.48	1,997.38	2,194.27	2,391.17	2	
1/4	33.27	229.41	426.31	623.21	820.10	1,017.00	1,213.89	1,410.79	1,607.69	1,804.58	2,001.48	2,198.37	2,395.27		1/4
1/2	37.40	233.52	430.41	627.31	824.20	1,021.10	1,218.00	1,414.89	1,611.79	1,808.68	2,005.58	2,202.48	2,399.37		1/2
3/4	41.54	237.62	434.51	631.41	828.31	1,025.20	1,222.10	1,418.99	1,615.89	1,812.79	2,009.68	2,206.58	2,403.47		3/4
3	45.68	241.72	438.62	635.51	832.41	1,029.30	1,226.20	1,423.10	1,619.99	1,816.89	2,013.78	2,210.68	2,407.58	3	
1/4	49.81	245.82	442.72	639.61	836.51	1,033.41	1,230.30	1,427.20	1,624.09	1,820.99	2,017.89	2,214.78	2,411.68		1/4
1/2	53.95	249.92	446.82	643.72	840.61	1,037.51	1,234.40	1,431.30	1,628.20	1,825.09	2,021.99	2,218.88	2,415.78		1/2
3/4	58.08	254.03	450.92	647.82	844.71	1,041.61	1,238.51	1,435.40	1,632.30	1,829.19	2,026.09	2,222.99	2,419.88		3/4
4	62.22	258.13	455.02	651.92	848.82	1,045.71	1,242.61	1,439.50	1,636.40	1,833.30	2,030.19	2,227.09	2,423.98	4	
1/4	66.36	262.23	459.13	656.02	852.92	1,049.81	1,246.71	1,443.61	1,640.50	1,837.40	2,034.29	2,231.19	2,428.09		1/4
1/2	70.49	266.33	463.23	660.12	857.02	1,053.92	1,250.81	1,447.71	1,644.60	1,841.50	2,038.40	2,235.29	2,432.19		1/2
3/4	74.55	270.43	467.33	664.23	861.12	1,058.02	1,254.91	1,451.81	1,648.71	1,845.60	2,042.50	2,239.39	2,436.29		3/4
5	78.61	274.54	471.43	668.33	865.22	1,062.12	1,259.02	1,455.91	1,652.81	1,849.70	2,046.60	2,243.50	2,440.39	5	
1/4	82.67	278.64	475.53	672.43	869.33	1,066.22	1,263.12	1,460.01	1,656.91	1,853.81	2,050.70	2,247.60	2,444.49		1/4
1/2	86.72	282.74	479.64	676.53	873.43	1,070.32	1,267.22	1,464.12	1,661.01	1,857.91	2,054.80	2,251.70	2,448.60		1/2
3/4	90.78	286.84	483.74	680.63	877.53	1,074.43	1,271.32	1,468.22	1,665.11	1,862.01	2,058.90	2,255.80	2,452.70		3/4
6	94.84	290.94	487.84	684.74	881.63	1,078.53	1,275.42	1,472.32	1,669.22	1,866.11	2,063.01	2,259.90	2,456.80	6	
1/4	98.90	295.05	491.94	688.84	885.73	1,082.63	1,279.53	1,476.42	1,673.32	1,870.21	2,067.11	2,264.01	2,460.90		1/4
1/2	102.96	299.15	496.04	692.94	889.84	1,086.73	1,283.63	1,480.52	1,677.42	1,874.32	2,071.21	2,268.11	2,465.00		1/2
3/4	107.01	303.25	500.15	697.04	893.94	1,090.83	1,287.73	1,484.63	1,681.52	1,878.42	2,075.31	2,272.21	2,469.10		3/4
7	111.07	307.35	504.25	701.14	898.04	1,094.94	1,291.83	1,488.73	1,685.62	1,882.52	2,079.42	2,276.31	2,473.20	7	
1/4	115.13	311.45	508.35	705.25	902.14	1,099.04	1,295.93	1,492.83	1,689.73	1,886.62	2,083.52	2,280.41	2,477.30		1/4
1/2	119.19	315.56	512.45	709.35	906.24	1,103.14	1,300.04	1,496.93	1,693.83	1,890.72	2,087.62	2,284.52	2,481.40		1/2
3/4	123.25	319.66	516.55	713.45	910.35	1,107.24	1,304.14	1,501.03	1,697.93	1,894.83	2,091.72	2,288.62	2,485.50		3/4
8	127.30	323.76	520.66	717.55	914.45	1,111.34	1,308.24	1,505.14	1,702.03	1,898.93	2,095.82	2,292.72	2,489.60	8	
1/4	131.36	327.86	524.76	721.65	918.55	1,115.45	1,312.34	1,509.24	1,706.13	1,903.03	2,099.93	2,296.82	2,489.88		1/4
1/2	135.42	331.96	528.86	725.76	922.65	1,119.55	1,316.44	1,513.34	1,710.24	1,907.13	2,104.03	2,300.92	2,493.06		1/2
3/4	139.48	336.07	532.96	729.86	926.75	1,123.65	1,320.55	1,517.44	1,714.34	1,911.23	2,108.13	2,305.03	2,495.62		3/4
9	143.54	340.17	537.06	733.96	930.86	1,127.75	1,324.65	1,521.54	1,718.44	1,915.34	2,112.23	2,309.13	2,498.17	9	
1/4	147.59	344.27	541.17	738.06	934.96	1,131.85	1,328.75	1,525.65	1,722.54	1,919.44	2,116.33	2,313.23	2,500.72		1/4
1/2	151.65	348.37	545.27	742.16	939.06	1,135.96	1,332.85	1,529.75	1,726.64	1,923.54	2,120.44	2,317.33	2,503.27		1/2
3/4	155.71	352.47	549.37	746.27	943.16	1,140.06	1,336.95	1,533.85	1,730.75	1,927.64	2,124.54	2,321.43	2,505.18		3/4
10	159.77	356.58	553.47	750.37	947.26	1,144.16	1,341.06	1,537.95	1,734.85	1,931.74	2,128.64	2,325.54	2,507.09	10	
1/4	163.83	360.68	557.57	754.47	951.37	1,148.26	1,345.16	1,542.05	1,738.95	1,935.85	2,132.74	2,329.64	2,509.01		1/4
1/2	167.88	364.78	561.68	758.57	955.47	1,152.36	1,349.26	1,546.16	1,743.05	1,939.95	2,136.84	2,333.74	2,510.92		1/2
3/4	171.99	368.88	565.78	762.67	959.57	1,156.47	1,353.36	1,550.26	1,747.15	1,944.05	2,140.95	2,337.84	2,512.20		3/4
11	176.09	372.98	569.88	766.78	963.67	1,160.57	1,357.46	1,554.36	1,751.26	1,948.15	2,145.05	2,341.94	2,513.47	11	
1/4	180.19	377.09	573.98	770.88	967.77	1,164.67	1,361.57	1,558.46	1,755.36	1,952.25	2,149.15	2,346.05	2,514.75		1/4
1/2	184.29	381.19	578.08	774.98	971.88	1,168.77	1,365.67	1,562.56	1,759.46	1,956.36	2,153.25	2,350.15	2,516.02		1/2
3/4	188.39	385.29	582.19	779.08	975.98	1,172.87	1,369.77	1,566.67	1,763.56	1,960.46	2,157.35	2,354.25	2,516.66		3/4

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 6/4/07

* CAPACITY BELOW STRIKE POINT

PORT REFERENCE GAUGE HEIGHT : 15'-3" (RIM OF 8" DIA. HATCH LOCATED NEAR CENTER OF TANK)

STAR REFERENCE GAUGE HEIGHT : 15'-2 1/2" (RIM OF 8" DIA. HATCH LOCATED NEAR CENTER OF TANK)

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


INSPECTORATE AMERICA CORPORATION



BARGE "BUFFALO 802" BUFFALO MARINE SERVICE

INNAGE TABLE

3 PORT OR STAR

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

HULL NO. 2162-1

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	6.11	0	193.35	0	397.11	0	600.87	0	804.63	0	1,008.39	0	1,212.15	0	1,415.91	0	1,619.67	0	1,823.43	0	2,027.19	0	2,230.95	0	2,434.71	0	2,597.38	0	
1/4	7.88	1/4	197.60	1/4	401.36	1/4	605.12	1/4	808.88	1/4	1,012.64	1/4	1,216.40	1/4	1,420.16	1/4	1,623.92	1/4	1,827.68	1/4	2,031.44	1/4	2,235.20	1/4	2,438.96	1/4	2,598.01	1/4	
1/2	9.64	1/2	201.84	1/2	405.60	1/2	609.36	1/2	813.12	1/2	1,016.88	1/2	1,220.64	1/2	1,424.40	1/2	1,628.16	1/2	1,831.92	1/2	2,035.68	1/2	2,239.44	1/2	2,443.20	1/2	2,598.65	1/2	
3/4	12.60	3/4	206.09	3/4	409.85	3/4	613.61	3/4	817.37	3/4	1,021.13	3/4	1,224.89	3/4	1,428.65	3/4	1,632.41	3/4	1,836.17	3/4	2,039.93	3/4	2,243.69	3/4	2,447.45	3/4	2,598.81	3/4	
1	15.55	1	210.33	1	414.09	1	617.85	1	821.61	1	1,025.37	1	1,229.13	1	1,432.89	1	1,636.65	1	1,840.41	1	2,044.17	1	2,247.93	1	2,451.69	1	2,598.97	1	
1/4	18.50	1/4	214.58	1/4	418.34	1/4	622.10	1/4	825.86	1/4	1,029.62	1/4	1,233.38	1/4	1,437.14	1/4	1,640.90	1/4	1,844.66	1/4	2,048.42	1/4	2,252.18	1/4	2,455.94	1/4		1/4	
1/2	21.45	1/2	218.82	1/2	422.58	1/2	626.34	1/2	830.10	1/2	1,033.86	1/2	1,237.62	1/2	1,441.38	1/2	1,645.14	1/2	1,848.90	1/2	2,052.66	1/2	2,256.42	1/2	2,460.18	1/2	2,599.12	1/2	
3/4	25.29	3/4	223.07	3/4	426.83	3/4	630.59	3/4	834.35	3/4	1,038.11	3/4	1,241.87	3/4	1,445.63	3/4	1,649.39	3/4	1,853.15	3/4	2,056.91	3/4	2,260.67	3/4	2,464.43	3/4		3/4	
2	29.13	2	227.31	2	431.07	2	634.83	2	838.59	2	1,042.35	2	1,246.11	2	1,449.87	2	1,653.63	2	1,857.39	2	2,061.15	2	2,264.91	2	2,468.67	2		2	
1/4	33.27	1/4	231.56	1/4	435.32	1/4	639.08	1/4	842.84	1/4	1,046.60	1/4	1,250.36	1/4	1,454.12	1/4	1,657.88	1/4	1,861.64	1/4	2,065.40	1/4	2,269.16	1/4	2,472.92	1/4		1/4	
1/2	37.40	1/2	235.80	1/2	439.56	1/2	643.32	1/2	847.08	1/2	1,050.84	1/2	1,254.60	1/2	1,458.36	1/2	1,662.12	1/2	1,865.88	1/2	2,069.64	1/2	2,273.40	1/2	2,477.16	1/2	2,599.28	1/2	
3/4	41.54	3/4	240.05	3/4	443.81	3/4	647.57	3/4	851.33	3/4	1,055.09	3/4	1,258.85	3/4	1,462.61	3/4	1,666.37	3/4	1,870.13	3/4	2,073.89	3/4	2,277.65	3/4	2,481.41	3/4		3/4	
3	45.68	3	244.29	3	448.05	3	651.81	3	855.57	3	1,059.33	3	1,263.09	3	1,466.85	3	1,670.61	3	1,874.37	3	2,078.13	3	2,281.89	3	2,485.65	3		3	
1/4	49.81	1/4	248.54	1/4	452.30	1/4	656.06	1/4	859.82	1/4	1,063.58	1/4	1,267.34	1/4	1,471.10	1/4	1,674.86	1/4	1,878.62	1/4	2,082.38	1/4	2,286.14	1/4	2,489.90	1/4		1/4	
1/2	53.95	1/2	252.78	1/2	456.54	1/2	660.30	1/2	864.06	1/2	1,067.82	1/2	1,271.58	1/2	1,475.34	1/2	1,679.10	1/2	1,882.86	1/2	2,086.62	1/2	2,290.38	1/2	2,494.14	1/2	2,599.44	1/2	
3/4	58.08	3/4	257.03	3/4	460.79	3/4	664.55	3/4	868.31	3/4	1,072.07	3/4	1,275.83	3/4	1,479.59	3/4	1,683.35	3/4	1,887.11	3/4	2,090.87	3/4	2,294.63	3/4	2,498.39	3/4		3/4	
4	62.22	4	261.27	4	465.03	4	668.79	4	872.55	4	1,076.31	4	1,280.07	4	1,483.83	4	1,687.59	4	1,891.35	4	2,095.11	4	2,298.87	4	2,502.63	4		4	
1/4	66.36	1/4	265.52	1/4	469.28	1/4	673.04	1/4	876.80	1/4	1,080.56	1/4	1,284.32	1/4	1,488.08	1/4	1,691.84	1/4	1,895.60	1/4	2,099.36	1/4	2,303.12	1/4	2,506.88	1/4		1/4	
1/2	70.49	1/2	269.76	1/2	473.52	1/2	677.28	1/2	881.04	1/2	1,084.80	1/2	1,288.56	1/2	1,492.32	1/2	1,696.08	1/2	1,899.84	1/2	2,103.60	1/2	2,307.36	1/2	2,511.12	1/2	2,599.68	1/2	
3/4	74.55	3/4	274.01	3/4	477.77	3/4	681.53	3/4	885.29	3/4	1,089.05	3/4	1,292.81	3/4	1,496.57	3/4	1,700.33	3/4	1,904.09	3/4	2,107.85	3/4	2,311.61	3/4	2,515.37	3/4		3/4	
5	78.61	5	278.25	5	482.01	5	685.77	5	889.53	5	1,093.29	5	1,297.05	5	1,504.81	5	1,704.57	5	1,908.33	5	2,112.09	5	2,315.85	5	2,519.61	5		5	
1/4	82.67	1/4	282.50	1/4	486.26	1/4	690.02	1/4	893.78	1/4	1,097.54	1/4	1,301.30	1/4	1,505.06	1/4	1,708.82	1/4	1,912.58	1/4	2,116.34	1/4	2,320.10	1/4	2,523.86	1/4		1/4	
1/2	86.72	1/2	286.74	1/2	490.50	1/2	694.26	1/2	898.02	1/2	1,101.78	1/2	1,305.54	1/2	1,509.30	1/2	1,713.06	1/2	1,916.82	1/2	2,120.58	1/2	2,324.34	1/2	2,528.10	1/2	2,599.94	1/2	
3/4	90.78	3/4	290.99	3/4	494.75	3/4	698.51	3/4	902.27	3/4	1,106.03	3/4	1,309.79	3/4	1,513.55	3/4	1,717.31	3/4	1,921.07	3/4	2,124.83	3/4	2,328.59	3/4	2,532.35	3/4		3/4	
6	94.84	6	295.23	6	498.99	6	702.75	6	906.51	6	1,110.27	6	1,314.03	6	1,517.79	6	1,721.55	6	1,925.31	6	2,129.07	6	2,332.83	6	2,536.59	6		6	
1/4	98.90	1/4	299.48	1/4	503.24	1/4	707.00	1/4	910.76	1/4	1,114.52	1/4	1,318.28	1/4	1,522.04	1/4	1,725.80	1/4	1,929.56	1/4	2,133.32	1/4	2,337.08	1/4	2,540.84	1/4		1/4	
1/2	102.96	1/2	303.72	1/2	507.48	1/2	711.24	1/2	915.00	1/2	1,118.76	1/2	1,322.52	1/2	1,526.28	1/2	1,730.04	1/2	1,933.80	1/2	2,137.56	1/2	2,341.32	1/2	2,545.08	1/2	2,599.18	1/2	
3/4	107.01	3/4	307.97	3/4	511.73	3/4	715.49	3/4	919.25	3/4	1,123.01	3/4	1,326.77	3/4	1,530.53	3/4	1,734.29	3/4	1,938.05	3/4	2,141.81	3/4	2,345.57	3/4	2,548.91	3/4		3/4	
7	111.07	7	312.21	7	515.97	7	719.73	7	923.49	7	1,127.25	7	1,331.01	7	1,534.77	7	1,738.53	7	1,942.29	7	2,146.05	7	2,349.81	7	2,552.74	7		7	
1/4	115.13	1/4	316.46	1/4	520.22	1/4	723.98	1/4	927.74	1/4	1,131.50	1/4	1,335.26	1/4	1,539.02	1/4	1,742.78	1/4	1,946.54	1/4	2,150.30	1/4	2,354.06	1/4	2,556.56	1/4		1/4	
1/2	119.19	1/2	320.70	1/2	524.46	1/2	728.22	1/2	931.98	1/2	1,135.74	1/2	1,339.50	1/2	1,543.26	1/2	1,747.02	1/2	1,950.78	1/2	2,154.54	1/2	2,358.30	1/2	2,560.39	1/2	2,599.28	1/2	
3/4	123.25	3/4	324.95	3/4	528.71	3/4	732.47	3/4	936.23	3/4	1,139.99	3/4	1,343.75	3/4	1,547.51	3/4	1,751.27	3/4	1,955.03	3/4	2,158.79	3/4	2,362.55	3/4	2,563.58	3/4		3/4	
8	127.30	8	329.19	8	532.95	8	736.71	8	940.47	8	1,144.23	8	1,347.99	8	1,551.75	8	1,755.51	8	1,959.27	8	2,163.03	8	2,366.79	8	2,566.77	8		8	
1/4	131.36	1/4	333.44	1/4	537.20	1/4	740.96	1/4	944.72	1/4	1,148.48	1/4	1,352.24	1/4	1,556.00	1/4	1,759.76	1/4	1,963.52	1/4	2,167.28	1/4	2,371.04	1/4	2,569.95	1/4		1/4	
1/2	135.42	1/2	337.68	1/2	541.44	1/2	745.20	1/2	948.96	1/2	1,152.72	1/2	1,356.48	1/2	1,560.24	1/2	1,764.00	1/2	1,967.76	1/2	2,171.52	1/2	2,375.28	1/2	2,573.14	1/2	2,599.38	1/2	
3/4	139.48	3/4	341.93	3/4	545.69	3/4	749.45	3/4	953.21	3/4	1,156.97	3/4	1,360.73	3/4	1,564.49	3/4	1,768.25	3/4	1,972.01	3/4	2,175.77	3/4	2,379.53	3/4	2,575.69	3/4		3/4	
9	143.54	9	346.17	9	549.93	9	753.69	9	957.45	9	1,161.21	9	1,364.97	9	1,568.73	9	1,772.49	9	1,976.25	9	2,180.01	9	2,383.77	9	2,578.25	9		9	
1/4	147.59	1/4	350.42	1/4	554.18	1/4	757.94	1/4	961.70	1/4	1,165.46	1/4	1,369.22	1/4	1,572.98	1/4	1,776.74	1/4	1,980.50	1/4	2,184.26	1/4	2,388.02	1/4	2,580.80	1/4		1/4	
1/2	151.65	1/2	354.66	1/2	558.42	1/2	762.18	1/2	965.94	1/2	1,169.70	1/2	1,373.46	1/2	1,577.22	1/2	1,780.98	1/2	1,984.74	1/2	2,188.50	1/2	2,392.26	1/2	2,583.35	1/2	2,599.52	1/2	
3/4	155.71	3/4	358.91	3/4	562.67	3/4	766.43	3/4	970.19	3/4	1,173.95	3/4	1,377.71	3/4	1,581.47	3/4	1,785.23	3/4	1,988.99	3/4	2,192.75	3/4	2,396.51	3/4	2,585.26	3/4		3/4	
10	159.77	10	363.15	10	566.91	10	770.67	10	974.43	10	1,178.19	10	1,381.95	10	1,585.71	10	1,789.47	10	1,993.23	10	2,196.9								



BARGE "BUFFALO 802" BUFFALO MARINE SERVICE

INNAGE TABLE

4 PORT OR STAR

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

HULL NO. 2162-1

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	6.11	0	192.54	0	389.82	0	587.10	0	784.38	0	981.66	0	1,178.94	0	1,376.22	0	1,573.50	0	1,770.78	0	1,968.06	0	2,165.34	0	2,362.62	0	2,521.78	0		
1/4	7.88	1/4	196.65	1/4	393.93	1/4	591.21	1/4	788.49	1/4	985.77	1/4	1,183.05	1/4	1,380.33	1/4	1,577.61	1/4	1,774.89	1/4	1,972.17	1/4	2,169.45	1/4	2,366.73	1/4	2,522.41	1/4		
1/2	9.64	1/2	200.76	1/2	398.04	1/2	595.32	1/2	792.60	1/2	989.88	1/2	1,187.16	1/2	1,384.44	1/2	1,581.72	1/2	1,779.00	1/2	1,976.28	1/2	2,173.56	1/2	2,370.84	1/2	2,523.05	1/2		
3/4	12.60	3/4	204.87	3/4	402.15	3/4	599.43	3/4	796.71	3/4	993.99	3/4	1,191.27	3/4	1,388.55	3/4	1,585.83	3/4	1,783.11	3/4	1,980.39	3/4	2,177.67	3/4	2,374.95	3/4	2,523.21	3/4		
1	15.55	1	208.98	1	406.26	1	603.54	1	800.82	1	998.10	1	1,195.38	1	1,392.66	1	1,589.94	1	1,787.22	1	1,984.50	1	2,181.78	1	2,379.06	1	2,523.37	1		
1/4	18.50	1/4	213.09	1/4	410.37	1/4	607.65	1/4	804.93	1/4	1,002.21	1/4	1,199.49	1/4	1,396.77	1/4	1,594.05	1/4	1,791.33	1/4	1,988.61	1/4	2,185.89	1/4	2,383.17	1/4				
1/2	21.45	1/2	217.20	1/2	414.48	1/2	611.76	1/2	809.04	1/2	1,006.32	1/2	1,203.60	1/2	1,400.88	1/2	1,598.16	1/2	1,795.44	1/2	1,992.72	1/2	2,190.00	1/2	2,387.28	1/2				
3/4	25.29	3/4	221.31	3/4	418.59	3/4	615.87	3/4	813.15	3/4	1,010.43	3/4	1,207.71	3/4	1,404.99	3/4	1,602.27	3/4	1,799.55	3/4	1,996.83	3/4	2,194.11	3/4	2,391.39	3/4				
2	29.13	2	225.42	2	422.70	2	619.98	2	817.26	2	1,014.54	2	1,211.82	2	1,409.10	2	1,606.38	2	1,803.66	2	2,000.94	2	2,198.22	2	2,395.50	2				
1/4	33.27	1/4	229.53	1/4	426.81	1/4	624.09	1/4	821.37	1/4	1,018.65	1/4	1,215.93	1/4	1,413.21	1/4	1,610.49	1/4	1,807.77	1/4	2,005.05	1/4	2,202.33	1/4	2,399.61	1/4				
1/2	37.40	1/2	233.64	1/2	430.92	1/2	628.20	1/2	825.48	1/2	1,022.76	1/2	1,220.04	1/2	1,417.32	1/2	1,614.60	1/2	1,811.88	1/2	2,009.16	1/2	2,206.44	1/2	2,403.72	1/2				
3/4	41.54	3/4	237.75	3/4	435.03	3/4	632.31	3/4	829.59	3/4	1,026.87	3/4	1,224.15	3/4	1,421.43	3/4	1,618.71	3/4	1,815.99	3/4	2,013.27	3/4	2,210.55	3/4	2,407.83	3/4				
3	45.68	3	241.86	3	439.14	3	636.42	3	833.70	3	1,030.98	3	1,228.26	3	1,425.54	3	1,622.82	3	1,820.10	3	2,017.38	3	2,214.66	3	2,411.94	3				
1/4	49.81	1/4	245.97	1/4	443.25	1/4	640.53	1/4	837.81	1/4	1,035.09	1/4	1,232.37	1/4	1,429.65	1/4	1,626.93	1/4	1,824.21	1/4	2,021.49	1/4	2,218.77	1/4	2,416.05	1/4				
1/2	53.95	1/2	250.08	1/2	447.36	1/2	644.64	1/2	841.92	1/2	1,039.20	1/2	1,236.48	1/2	1,433.76	1/2	1,631.04	1/2	1,828.32	1/2	2,025.60	1/2	2,222.88	1/2	2,420.16	1/2				
3/4	58.08	3/4	254.19	3/4	451.47	3/4	648.75	3/4	846.03	3/4	1,043.31	3/4	1,240.59	3/4	1,437.87	3/4	1,635.15	3/4	1,832.43	3/4	2,029.71	3/4	2,226.99	3/4	2,424.27	3/4				
4	62.22	4	258.30	4	455.58	4	652.86	4	850.14	4	1,047.42	4	1,244.70	4	1,441.98	4	1,639.26	4	1,836.54	4	2,033.82	4	2,231.10	4	2,428.38	4				
1/4	66.36	1/4	262.41	1/4	459.69	1/4	656.97	1/4	854.25	1/4	1,051.53	1/4	1,248.81	1/4	1,446.09	1/4	1,643.37	1/4	1,840.65	1/4	2,037.93	1/4	2,235.21	1/4	2,432.49	1/4				
1/2	70.49	1/2	266.52	1/2	463.80	1/2	661.08	1/2	858.36	1/2	1,055.64	1/2	1,252.92	1/2	1,450.20	1/2	1,647.48	1/2	1,844.76	1/2	2,042.04	1/2	2,239.32	1/2	2,436.60	1/2				
3/4	74.55	3/4	270.63	3/4	467.91	3/4	665.19	3/4	862.47	3/4	1,059.75	3/4	1,257.03	3/4	1,454.31	3/4	1,651.59	3/4	1,848.87	3/4	2,046.15	3/4	2,243.43	3/4	2,440.71	3/4				
5	78.61	5	274.74	5	472.02	5	669.30	5	866.58	5	1,063.86	5	1,261.14	5	1,458.42	5	1,655.70	5	1,852.98	5	2,050.26	5	2,247.54	5	2,444.82	5				
1/4	82.67	1/4	278.85	1/4	476.13	1/4	673.41	1/4	870.69	1/4	1,067.97	1/4	1,265.25	1/4	1,462.53	1/4	1,659.81	1/4	1,857.09	1/4	2,054.37	1/4	2,251.65	1/4	2,448.93	1/4				
1/2	86.72	1/2	282.96	1/2	480.24	1/2	677.52	1/2	874.80	1/2	1,072.08	1/2	1,269.36	1/2	1,466.64	1/2	1,663.92	1/2	1,861.20	1/2	2,058.48	1/2	2,255.76	1/2	2,453.04	1/2				
3/4	90.78	3/4	287.07	3/4	484.35	3/4	681.63	3/4	878.91	3/4	1,076.19	3/4	1,273.47	3/4	1,470.75	3/4	1,668.03	3/4	1,865.31	3/4	2,062.59	3/4	2,259.87	3/4	2,457.15	3/4				
6	94.84	6	291.18	6	488.46	6	685.74	6	883.02	6	1,080.30	6	1,277.58	6	1,474.86	6	1,672.14	6	1,869.42	6	2,066.70	6	2,263.98	6	2,461.26	6				
1/4	98.90	1/4	295.29	1/4	492.57	1/4	689.85	1/4	887.13	1/4	1,084.41	1/4	1,281.69	1/4	1,478.97	1/4	1,676.25	1/4	1,873.53	1/4	2,070.81	1/4	2,268.09	1/4	2,465.37	1/4				
1/2	102.96	1/2	299.40	1/2	496.68	1/2	693.96	1/2	891.24	1/2	1,088.52	1/2	1,285.80	1/2	1,483.08	1/2	1,680.36	1/2	1,877.64	1/2	2,074.92	1/2	2,272.20	1/2	2,469.48	1/2				
3/4	107.01	3/4	303.51	3/4	500.79	3/4	698.07	3/4	895.35	3/4	1,092.63	3/4	1,289.91	3/4	1,487.19	3/4	1,684.47	3/4	1,881.75	3/4	2,079.03	3/4	2,276.31	3/4	2,473.31	3/4				
7	111.07	7	307.62	7	504.90	7	702.18	7	899.46	7	1,096.74	7	1,294.02	7	1,491.30	7	1,688.58	7	1,885.86	7	2,083.14	7	2,280.42	7	2,477.14	7				
1/4	115.13	1/4	311.73	1/4	509.01	1/4	706.29	1/4	903.57	1/4	1,100.85	1/4	1,298.13	1/4	1,495.41	1/4	1,692.69	1/4	1,889.97	1/4	2,087.25	1/4	2,284.53	1/4	2,480.96	1/4				
1/2	119.19	1/2	315.84	1/2	513.12	1/2	710.40	1/2	907.68	1/2	1,104.96	1/2	1,302.24	1/2	1,499.52	1/2	1,696.80	1/2	1,894.08	1/2	2,091.36	1/2	2,288.64	1/2	2,484.79	1/2				
3/4	123.25	3/4	319.95	3/4	517.23	3/4	714.51	3/4	911.79	3/4	1,109.07	3/4	1,306.35	3/4	1,503.63	3/4	1,700.91	3/4	1,898.19	3/4	2,095.47	3/4	2,292.75	3/4	2,487.98	3/4				
8	127.30	8	324.06	8	521.34	8	718.62	8	915.90	8	1,113.18	8	1,310.46	8	1,507.74	8	1,705.02	8	1,902.30	8	2,099.58	8	2,296.86	8	2,491.17	8				
1/4	131.36	1/4	328.17	1/4	525.45	1/4	722.73	1/4	920.01	1/4	1,117.29	1/4	1,314.57	1/4	1,511.85	1/4	1,709.13	1/4	1,906.41	1/4	2,103.69	1/4	2,300.97	1/4	2,494.35	1/4				
1/2	135.42	1/2	332.28	1/2	529.56	1/2	726.84	1/2	924.12	1/2	1,121.40	1/2	1,318.68	1/2	1,515.96	1/2	1,713.24	1/2	1,910.52	1/2	2,107.80	1/2	2,305.08	1/2	2,497.54	1/2				
3/4	139.48	3/4	336.39	3/4	533.67	3/4	730.95	3/4	928.23	3/4	1,125.51	3/4	1,322.79	3/4	1,520.07	3/4	1,717.35	3/4	1,914.63	3/4	2,111.91	3/4	2,309.19	3/4	2,500.09	3/4				
9	143.54	9	340.50	9	537.78	9	735.06	9	932.34	9	1,129.62	9	1,326.90	9	1,524.18	9	1,721.46	9	1,918.74	9	2,116.02	9	2,313.30	9	2,502.65	9	</			



BARGE "BUFFALO 802" BUFFALO MARINE SERVICE

INNAGE TABLE

5 PORT OR STAR

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

HULL NO. 2162-1

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	6.11	0	192.56	0	389.93	0	587.31	0	784.68	0	982.06	0	1,179.44	0	1,376.81	0	1,574.19	0	1,771.56	0	1,968.94	0	2,166.32	0	2,363.69	0	2,522.90	0	
1/4	7.88	1/4	196.67	1/4	394.04	1/4	591.42	1/4	788.80	1/4	986.17	1/4	1,183.55	1/4	1,380.92	1/4	1,578.30	1/4	1,775.68	1/4	1,973.05	1/4	2,170.43	1/4	2,367.80	1/4	2,523.53	1/4	
1/2	9.64	1/2	200.78	1/2	398.16	1/2	595.53	1/2	792.91	1/2	990.28	1/2	1,187.66	1/2	1,385.04	1/2	1,582.41	1/2	1,779.79	1/2	1,977.16	1/2	2,174.54	1/2	2,371.92	1/2	2,524.17	1/2	
3/4	12.60	3/4	204.89	3/4	402.27	3/4	599.64	3/4	797.02	3/4	994.40	3/4	1,191.77	3/4	1,389.15	3/4	1,586.52	3/4	1,783.90	3/4	1,981.28	3/4	2,178.65	3/4	2,376.03	3/4	2,524.33	3/4	
1	15.55	1	209.00	1	406.38	1	603.76	1	801.13	1	998.51	1	1,195.88	1	1,393.26	1	1,590.64	1	1,788.01	1	1,985.39	1	2,182.76	1	2,380.14	1	2,524.49	1	
1/4	18.50	1/4	213.12	1/4	410.49	1/4	607.87	1/4	805.24	1/4	1,002.62	1/4	1,200.00	1/4	1,397.37	1/4	1,594.75	1/4	1,792.12	1/4	1,989.50	1/4	2,186.88	1/4	2,384.25	1/4		1/4	
1/2	21.45	1/2	217.23	1/2	414.60	1/2	611.98	1/2	809.36	1/2	1,006.73	1/2	1,204.11	1/2	1,401.48	1/2	1,598.86	1/2	1,796.24	1/2	1,993.61	1/2	2,190.99	1/2	2,388.36	1/2		1/2	
3/4	25.29	3/4	221.34	3/4	418.72	3/4	616.09	3/4	813.47	3/4	1,010.84	3/4	1,208.22	3/4	1,405.60	3/4	1,602.97	3/4	1,800.35	3/4	1,997.72	3/4	2,195.10	3/4	2,392.48	3/4		3/4	
2	29.13	2	225.45	2	422.83	2	620.20	2	817.58	2	1,014.96	2	1,212.33	2	1,409.71	2	1,607.08	2	1,804.46	2	2,001.84	2	2,199.21	2	2,396.59	2		2	
1/4	33.27	1/4	229.56	1/4	426.94	1/4	624.32	1/4	821.69	1/4	1,019.07	1/4	1,216.44	1/4	1,413.82	1/4	1,611.20	1/4	1,808.57	1/4	2,005.95	1/4	2,203.32	1/4	2,400.70	1/4		1/4	
1/2	37.40	1/2	233.68	1/2	431.05	1/2	628.43	1/2	825.80	1/2	1,023.18	1/2	1,220.56	1/2	1,417.93	1/2	1,615.31	1/2	1,812.68	1/2	2,010.06	1/2	2,207.44	1/2	2,404.81	1/2		1/2	
3/4	41.54	3/4	237.79	3/4	435.16	3/4	632.54	3/4	829.92	3/4	1,027.29	3/4	1,224.67	3/4	1,422.04	3/4	1,619.42	3/4	1,816.80	3/4	2,014.17	3/4	2,211.55	3/4	2,408.92	3/4		3/4	
3	45.68	3	241.90	3	439.28	3	636.65	3	834.03	3	1,031.40	3	1,228.78	3	1,426.16	3	1,623.53	3	1,820.91	3	2,018.28	3	2,215.66	3	2,413.04	3		3	
1/4	49.81	1/4	246.01	1/4	443.39	1/4	640.76	1/4	838.14	1/4	1,035.52	1/4	1,232.89	1/4	1,430.27	1/4	1,627.64	1/4	1,825.02	1/4	2,022.40	1/4	2,219.77	1/4	2,417.15	1/4		1/4	
1/2	53.95	1/2	250.12	1/2	447.50	1/2	644.88	1/2	842.25	1/2	1,039.63	1/2	1,237.00	1/2	1,434.38	1/2	1,631.76	1/2	1,829.13	1/2	2,026.51	1/2	2,223.88	1/2	2,421.26	1/2		1/2	
3/4	58.08	3/4	254.24	3/4	451.61	3/4	648.99	3/4	846.36	3/4	1,043.74	3/4	1,241.12	3/4	1,438.49	3/4	1,635.87	3/4	1,833.24	3/4	2,030.62	3/4	2,228.00	3/4	2,425.37	3/4		3/4	
4	62.22	4	258.35	4	455.72	4	653.10	4	850.48	4	1,047.85	4	1,245.23	4	1,442.60	4	1,639.98	4	1,837.36	4	2,034.73	4	2,232.11	4	2,429.48	4		4	
1/4	66.36	1/4	262.46	1/4	459.84	1/4	657.21	1/4	854.59	1/4	1,051.96	1/4	1,249.34	1/4	1,446.72	1/4	1,644.09	1/4	1,841.47	1/4	2,038.84	1/4	2,236.22	1/4	2,433.60	1/4		1/4	
1/2	70.49	1/2	266.57	1/2	463.95	1/2	661.32	1/2	858.70	1/2	1,056.08	1/2	1,253.45	1/2	1,450.83	1/2	1,648.20	1/2	1,845.58	1/2	2,042.96	1/2	2,240.33	1/2	2,437.71	1/2		1/2	
3/4	74.55	3/4	270.68	3/4	468.06	3/4	665.44	3/4	862.81	3/4	1,060.19	3/4	1,257.56	3/4	1,454.94	3/4	1,652.32	3/4	1,849.69	3/4	2,047.07	3/4	2,244.44	3/4	2,441.82	3/4		3/4	
5	78.61	5	274.80	5	472.17	5	669.55	5	866.92	5	1,064.30	5	1,261.67	5	1,459.05	5	1,656.43	5	1,853.80	5	2,051.18	5	2,248.56	5	2,445.93	5		5	
1/4	82.67	1/4	278.91	1/4	476.28	1/4	673.66	1/4	871.04	1/4	1,068.41	1/4	1,265.79	1/4	1,463.16	1/4	1,660.54	1/4	1,857.92	1/4	2,055.29	1/4	2,252.67	1/4	2,450.04	1/4		1/4	
1/2	86.72	1/2	283.02	1/2	480.40	1/2	677.77	1/2	875.15	1/2	1,072.52	1/2	1,269.90	1/2	1,467.28	1/2	1,664.65	1/2	1,862.03	1/2	2,059.40	1/2	2,256.78	1/2	2,454.16	1/2		1/2	
3/4	90.78	3/4	287.13	3/4	484.51	3/4	681.88	3/4	879.26	3/4	1,076.64	3/4	1,274.01	3/4	1,471.39	3/4	1,668.76	3/4	1,866.14	3/4	2,063.52	3/4	2,260.89	3/4	2,458.27	3/4		3/4	
6	94.84	6	291.24	6	488.62	6	686.00	6	883.37	6	1,080.75	6	1,278.12	6	1,475.50	6	1,672.88	6	1,870.25	6	2,067.63	6	2,265.00	6	2,462.38	6		6	
1/4	98.90	1/4	295.36	1/4	492.73	1/4	690.11	1/4	887.48	1/4	1,084.86	1/4	1,282.24	1/4	1,479.61	1/4	1,676.99	1/4	1,874.36	1/4	2,071.74	1/4	2,269.12	1/4	2,466.49	1/4		1/4	
1/2	102.96	1/2	299.47	1/2	496.84	1/2	694.22	1/2	891.60	1/2	1,088.97	1/2	1,286.35	1/2	1,483.72	1/2	1,681.10	1/2	1,878.48	1/2	2,075.85	1/2	2,273.23	1/2	2,470.60	1/2		1/2	
3/4	107.01	3/4	303.58	3/4	500.96	3/4	698.33	3/4	895.71	3/4	1,093.08	3/4	1,290.46	3/4	1,487.84	3/4	1,685.21	3/4	1,882.59	3/4	2,079.96	3/4	2,277.34	3/4	2,474.43	3/4		3/4	
7	111.07	7	307.69	7	505.07	7	702.44	7	899.82	7	1,097.20	7	1,294.57	7	1,491.95	7	1,689.32	7	1,886.70	7	2,084.08	7	2,281.45	7	2,478.26	7		7	
1/4	115.13	1/4	311.80	1/4	509.18	1/4	706.56	1/4	903.93	1/4	1,101.31	1/4	1,298.68	1/4	1,496.06	1/4	1,693.44	1/4	1,890.81	1/4	2,088.19	1/4	2,285.56	1/4	2,482.08	1/4		1/4	
1/2	119.19	1/2	315.92	1/2	513.29	1/2	710.67	1/2	908.04	1/2	1,105.42	1/2	1,302.80	1/2	1,500.17	1/2	1,697.55	1/2	1,894.92	1/2	2,092.30	1/2	2,289.68	1/2	2,485.91	1/2		1/2	
3/4	123.25	3/4	320.03	3/4	517.40	3/4	714.78	3/4	912.16	3/4	1,109.53	3/4	1,306.91	3/4	1,504.28	3/4	1,701.66	3/4	1,899.04	3/4	2,096.41	3/4	2,293.79	3/4	2,489.10	3/4		3/4	
8	127.30	8	324.14	8	521.52	8	718.89	8	916.27	8	1,113.64	8	1,311.02	8	1,508.40	8	1,705.77	8	1,903.15	8	2,100.52	8	2,297.90	8	2,492.29	8		8	
1/4	131.36	1/4	328.25	1/4	525.63	1/4	723.00	1/4	920.38	1/4	1,117.76	1/4	1,315.13	1/4	1,512.51	1/4	1,709.88	1/4	1,907.26	1/4	2,104.64	1/4	2,302.01	1/4	2,495.48	1/4		1/4	
1/2	135.42	1/2	332.36	1/2	529.74	1/2	727.12	1/2	924.49	1/2	1,121.87	1/2	1,319.24	1/2	1,516.62	1/2	1,714.00	1/2	1,911.37	1/2	2,108.75	1/2	2,306.12	1/2	2,498.66	1/2		1/2	
3/4	139.48	3/4	336.48	3/4	533.85	3/4	731.23	3/4	928.60	3/4	1,125.98	3/4	1,323.36	3/4	1,520.73	3/4	1,718.11	3/4	1,915.48	3/4	2,112.86	3/4	2,310.24	3/4	2,501.22	3/4		3/4	
9	143.54	9	340.59	9	537.96	9	735.34	9	932.72	9	1,130.09	9	1,327.47	9	1,524.84	9	1,722.22	9	1,919.60	9	2,116.97	9	2,314.35	9	2,503.77	9		9	
1/4	147.59	1/4	344.70	1/4	542.08	1/4	739.45	1/4	936.83	1/4	1,134.20	1/4	1,331.58	1/4	1,528.96	1/4	1,726.33	1/4	1,923.71	1/4	2,121.08	1/4	2,318.46	1/4	2,506.32	1/4		1/4	
1/2	151.65	1/2	348.81	1/2	546.19	1/2	743.56	1/2	940.94	1/2	1,138.32	1/2	1,335.69	1/2	1,533.07	1/2	1,730.44	1/2	1,927.82	1/2	2,125.20	1/2	2,322.57	1/2	2,508.87	1/2		1/2	
3/4	155.71	3/4	352.92	3/4	550.30	3/4	747.68	3/4	945.05	3/4	1,142.43	3/4	1,339.80	3/4	1,537.18	3/4	1,734.56	3/4	1,931.93	3/4	2,129.31	3/4	2,326.68	3/4	2,510.78	3/4		3/4	
10	159.77	10	357.04	10	554.41	10	751.79	10	949.16	10	1,146.54	10	1,343.92	10	1,541.29	10	1,738.67	10	1,936.04	10	2,133.42	10	2,330.80	10	2,512.69	10		10	
1/4	163.83	1/4																											



BARGE "BUFFALO 802" BUFFALO MARINE SERVICE

INNAGE TABLE

6 PORT OR STAR

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

HULL NO. 2162-1

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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0	*	2.68	0	80.50	0	163.68	0	246.87	0	330.05	0	413.23	0	496.42	0	579.60	0	662.79	0	745.97	0	829.15	0	912.34	0	995.52	0	1,062.37	0	
1/4		3.42	1/4	82.23	1/4	165.42	1/4	248.60	1/4	331.78	1/4	414.97	1/4	498.15	1/4	581.33	1/4	664.52	1/4	747.70	1/4	830.89	1/4	914.07	1/4	997.25	1/4	1,062.63	1/4	
1/2		4.16	1/2	83.96	1/2	167.15	1/2	250.33	1/2	333.52	1/2	416.70	1/2	499.88	1/2	583.07	1/2	666.25	1/2	749.44	1/2	832.62	1/2	915.80	1/2	998.99	1/2	1,062.90	1/2	
3/4		5.39	3/4	85.70	3/4	168.88	3/4	252.07	3/4	335.25	3/4	418.43	3/4	501.62	3/4	584.80	3/4	667.98	3/4	751.17	3/4	834.35	3/4	917.54	3/4	1,000.72	3/4	1,062.97	3/4	
1		6.62	1	87.43	1	170.61	1	253.80	1	336.98	1	420.17	1	503.35	1	586.53	1	669.72	1	752.90	1	836.09	1	919.27	1	1,002.45	1	1,063.03	1	
1/4		7.85	1/4	89.16	1/4	172.35	1/4	255.53	1/4	338.72	1/4	421.90	1/4	505.08	1/4	588.27	1/4	671.45	1/4	754.63	1/4	837.82	1/4	921.00	1/4	1,004.19	1/4		1/4	
1/2		9.08	1/2	90.90	1/2	174.08	1/2	257.26	1/2	340.45	1/2	423.63	1/2	506.82	1/2	590.00	1/2	673.18	1/2	756.37	1/2	839.55	1/2	922.74	1/2	1,005.92	1/2		1/2	
3/4		10.68	3/4	92.63	3/4	175.81	3/4	259.00	3/4	342.18	3/4	425.37	3/4	508.55	3/4	591.73	3/4	674.92	3/4	758.10	3/4	841.28	3/4	924.47	3/4	1,007.65	3/4		3/4	
2		12.28	2	94.36	2	177.55	2	260.73	2	343.91	2	427.10	2	510.28	2	593.47	2	676.65	2	759.83	2	843.02	2	926.20	2	1,009.39	2		2	
1/4		14.00	1/4	96.10	1/4	179.28	1/4	262.46	1/4	345.65	1/4	428.83	1/4	512.02	1/4	595.20	1/4	678.38	1/4	761.57	1/4	844.75	1/4	927.93	1/4	1,011.12	1/4		1/4	
1/2		15.72	1/2	97.83	1/2	181.01	1/2	264.20	1/2	347.38	1/2	430.56	1/2	513.75	1/2	596.93	1/2	680.12	1/2	763.30	1/2	846.48	1/2	929.67	1/2	1,012.85	1/2		1/2	
3/4		17.45	3/4	99.56	3/4	182.75	3/4	265.93	3/4	349.11	3/4	432.30	3/4	515.48	3/4	598.66	3/4	681.85	3/4	765.03	3/4	848.22	3/4	931.40	3/4	1,014.58	3/4		3/4	
3		19.17	3	101.29	3	184.48	3	267.66	3	350.85	3	434.03	3	517.21	3	600.40	3	683.58	3	766.77	3	849.95	3	933.13	3	1,016.32	3		3	
1/4		20.90	1/4	103.03	1/4	186.21	1/4	269.40	1/4	352.58	1/4	435.76	1/4	518.95	1/4	602.13	1/4	685.31	1/4	768.50	1/4	851.68	1/4	934.87	1/4	1,018.05	1/4		1/4	
1/2		22.62	1/2	104.76	1/2	187.94	1/2	271.13	1/2	354.31	1/2	437.50	1/2	520.68	1/2	603.86	1/2	687.05	1/2	770.23	1/2	853.42	1/2	936.60	1/2	1,019.78	1/2		1/2	
3/4		24.34	3/4	106.49	3/4	189.68	3/4	272.86	3/4	356.05	3/4	439.23	3/4	522.41	3/4	605.60	3/4	688.78	3/4	771.96	3/4	855.15	3/4	938.33	3/4	1,021.52	3/4		3/4	
4		26.07	4	108.23	4	191.41	4	274.59	4	357.78	4	440.96	4	524.15	4	607.33	4	690.51	4	773.70	4	856.88	4	940.07	4	1,023.25	4		4	
1/4		27.79	1/4	109.96	1/4	193.14	1/4	276.33	1/4	359.51	1/4	442.70	1/4	525.88	1/4	609.06	1/4	692.25	1/4	775.43	1/4	858.61	1/4	941.80	1/4	1,024.98	1/4		1/4	
1/2		29.52	1/2	111.69	1/2	194.88	1/2	278.06	1/2	361.24	1/2	444.43	1/2	527.61	1/2	610.80	1/2	693.98	1/2	777.16	1/2	860.35	1/2	943.53	1/2	1,026.72	1/2		1/2	
3/4		31.21	3/4	113.43	3/4	196.61	3/4	279.79	3/4	362.98	3/4	446.16	3/4	529.35	3/4	612.53	3/4	695.71	3/4	778.90	3/4	862.08	3/4	945.26	3/4	1,028.45	3/4		3/4	
5		32.90	5	115.16	5	198.34	5	281.53	5	364.71	5	447.89	5	531.08	5	614.26	5	697.45	5	780.63	5	863.81	5	947.00	5	1,030.18	5		5	
1/4		34.59	1/4	116.89	1/4	200.08	1/4	283.26	1/4	366.44	1/4	449.63	1/4	532.81	1/4	615.99	1/4	699.18	1/4	782.36	1/4	865.55	1/4	948.73	1/4	1,031.91	1/4		1/4	
1/2		36.28	1/2	118.62	1/2	201.81	1/2	284.99	1/2	368.18	1/2	451.36	1/2	534.54	1/2	617.73	1/2	700.91	1/2	784.10	1/2	867.28	1/2	950.46	1/2	1,033.65	1/2		1/2	
3/4		37.97	3/4	120.36	3/4	203.54	3/4	286.73	3/4	369.91	3/4	453.09	3/4	536.28	3/4	619.46	3/4	702.64	3/4	785.83	3/4	869.01	3/4	952.20	3/4	1,035.38	3/4		3/4	
6		39.66	6	122.09	6	205.27	6	288.46	6	371.64	6	454.83	6	538.01	6	621.19	6	704.38	6	787.56	6	870.75	6	953.93	6	1,037.11	6		6	
1/4		41.35	1/4	123.82	1/4	207.01	1/4	290.19	1/4	373.38	1/4	456.56	1/4	539.74	1/4	622.93	1/4	706.11	1/4	789.29	1/4	872.48	1/4	955.66	1/4	1,038.85	1/4		1/4	
1/2		43.04	1/2	125.56	1/2	208.74	1/2	291.92	1/2	375.11	1/2	458.29	1/2	541.48	1/2	624.66	1/2	707.84	1/2	791.03	1/2	874.21	1/2	957.40	1/2	1,040.58	1/2		1/2	
3/4		44.74	3/4	127.29	3/4	210.47	3/4	293.66	3/4	376.84	3/4	460.03	3/4	543.21	3/4	626.39	3/4	709.58	3/4	792.76	3/4	875.94	3/4	959.13	3/4	1,042.17	3/4		3/4	
7		46.43	7	129.02	7	212.21	7	295.39	7	378.57	7	461.76	7	544.94	7	628.13	7	711.31	7	794.49	7	877.68	7	960.86	7	1,043.77	7		7	
1/4		48.12	1/4	130.76	1/4	213.94	1/4	297.12	1/4	380.31	1/4	463.49	1/4	546.68	1/4	629.86	1/4	713.04	1/4	796.23	1/4	879.41	1/4	962.59	1/4	1,045.36	1/4		1/4	
1/2		49.81	1/2	132.49	1/2	215.67	1/2	298.86	1/2	382.04	1/2	465.22	1/2	548.41	1/2	631.59	1/2	714.78	1/2	797.96	1/2	881.14	1/2	964.33	1/2	1,046.96	1/2		1/2	
3/4		51.50	3/4	134.22	3/4	217.41	3/4	300.59	3/4	383.77	3/4	466.96	3/4	550.14	3/4	633.32	3/4	716.51	3/4	799.69	3/4	882.88	3/4	966.06	3/4	1,048.28	3/4		3/4	
8		53.19	8	135.95	8	219.14	8	302.32	8	385.51	8	468.69	8	551.87	8	635.06	8	718.24	8	801.43	8	884.61	8	967.79	8	1,049.61	8		8	
1/4		54.88	1/4	137.69	1/4	220.87	1/4	304.06	1/4	387.24	1/4	470.42	1/4	553.61	1/4	636.79	1/4	719.97	1/4	803.16	1/4	886.34	1/4	969.53	1/4	1,050.94	1/4		1/4	
1/2		56.57	1/2	139.42	1/2	222.60	1/2	305.79	1/2	388.97	1/2	472.16	1/2	555.34	1/2	638.52	1/2	721.71	1/2	804.89	1/2	888.08	1/2	971.26	1/2	1,052.27	1/2		1/2	
3/4		58.26	3/4	141.15	3/4	224.34	3/4	307.52	3/4	390.71	3/4	473.89	3/4	557.07	3/4	640.26	3/4	723.44	3/4	806.62	3/4	889.81	3/4	972.99	3/4	1,053.33	3/4		3/4	
9		59.95	9	142.89	9	226.07	9	309.25	9	392.44	9	475.62	9	558.81	9	641.99	9	725.17	9	808.36	9	891.54	9	974.73	9	1,054.40	9		9	
1/4		61.65	1/4	144.62	1/4	227.80	1/4	310.99	1/4	394.17	1/4	477.36	1/4	560.54	1/4	643.72	1/4	726.91	1/4	810.09	1/4	893.27	1/4	976.46						