



# BARGE "BUFFALO 803"

## BUFFALO MARINE SERVICE

HULL NO. 2162-2

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: 6/14/07

BY:

INSPECTORATE AMERICA CORPORATION



# BARGE "BUFFALO 803" BUFFALO MARINE SERVICE

## INNAGE TABLE

# 1 PORT OR STAR

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

HULL NO. 2162-2

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	192.77	0	391.82	0	590.88	0	789.93	0	988.99	0	1,188.05	0	1,387.10	0	1,586.16	0	1,785.21	0	1,984.27	0	2,183.33	0	2,382.38	0	2,581.43	0	2,780.49	0	2,979.54
1/4	7.88	1/4	196.91	1/4	395.97	1/4	595.03	1/4	794.08	1/4	993.14	1/4	1,192.19	1/4	1,391.25	1/4	1,590.31	1/4	1,789.36	1/4	1,988.42	1/4	2,187.47	1/4	2,386.53	1/4	2,585.58	1/4	2,784.64	1/4	2,983.69
1/2	9.64	1/2	201.06	1/2	400.12	1/2	599.17	1/2	798.23	1/2	997.28	1/2	1,196.34	1/2	1,395.40	1/2	1,594.45	1/2	1,793.51	1/2	1,992.56	1/2	2,191.62	1/2	2,390.68	1/2	2,589.73	1/2	2,788.79	1/2	2,987.84
3/4	12.60	3/4	205.21	3/4	404.26	3/4	603.32	3/4	802.38	3/4	1,001.43	3/4	1,200.49	3/4	1,399.54	3/4	1,598.60	3/4	1,797.65	3/4	1,996.71	3/4	2,195.77	3/4	2,394.82	3/4	2,593.87	3/4	2,792.93	3/4	2,991.98
1	15.55	1	209.35	1	408.41	1	607.47	1	806.52	1	1,005.58	1	1,204.63	1	1,403.69	1	1,602.75	1	1,801.80	1	2,000.86	1	2,199.91	1	2,398.97	1	2,598.02	1	2,797.07	1	2,996.13
1/4	18.50	1/4	213.50	1/4	412.56	1/4	611.61	1/4	810.67	1/4	1,009.73	1/4	1,208.78	1/4	1,407.84	1/4	1,606.89	1/4	1,805.95	1/4	2,005.00	1/4	2,204.06	1/4	2,403.12	1/4	2,602.17	1/4	2,801.23	1/4	2,999.28
1/2	21.45	1/2	217.65	1/2	416.70	1/2	615.76	1/2	814.82	1/2	1,013.87	1/2	1,212.93	1/2	1,411.98	1/2	1,611.04	1/2	1,810.10	1/2	2,009.15	1/2	2,208.21	1/2	2,407.26	1/2	2,606.32	1/2	2,805.37	1/2	2,999.42
3/4	25.29	3/4	221.80	3/4	420.85	3/4	619.91	3/4	818.96	3/4	1,018.02	3/4	1,217.08	3/4	1,416.13	3/4	1,615.19	3/4	1,814.24	3/4	2,013.30	3/4	2,212.35	3/4	2,411.41	3/4	2,610.46	3/4	2,809.51	3/4	2,999.56
2	29.13	2	225.94	2	425.00	2	624.05	2	823.11	2	1,022.17	2	1,221.22	2	1,420.28	2	1,619.33	2	1,818.39	2	2,017.45	2	2,216.50	2	2,415.56	2	2,614.61	2	2,813.67	2	2,999.62
1/4	33.27	1/4	230.09	1/4	429.14	1/4	628.20	1/4	827.26	1/4	1,026.31	1/4	1,225.37	1/4	1,424.43	1/4	1,623.48	1/4	1,822.54	1/4	2,021.59	1/4	2,220.65	1/4	2,419.70	1/4	2,618.76	1/4	2,817.81	1/4	2,999.63
1/2	37.40	1/2	234.24	1/2	433.29	1/2	632.35	1/2	831.40	1/2	1,030.46	1/2	1,229.52	1/2	1,428.57	1/2	1,627.63	1/2	1,826.68	1/2	2,025.74	1/2	2,224.80	1/2	2,423.85	1/2	2,622.90	1/2	2,821.95	1/2	2,999.64
3/4	41.54	3/4	238.38	3/4	437.44	3/4	636.50	3/4	835.55	3/4	1,034.61	3/4	1,233.66	3/4	1,432.72	3/4	1,631.78	3/4	1,830.83	3/4	2,029.89	3/4	2,228.94	3/4	2,428.00	3/4	2,627.05	3/4	2,825.10	3/4	2,999.65
3	45.68	3	242.53	3	441.59	3	640.64	3	839.70	3	1,038.75	3	1,237.81	3	1,436.87	3	1,635.92	3	1,834.98	3	2,034.03	3	2,233.09	3	2,432.15	3	2,630.21	3	2,828.26	3	2,999.66
1/4	49.81	1/4	246.68	1/4	445.73	1/4	644.79	1/4	843.85	1/4	1,042.90	1/4	1,241.96	1/4	1,441.01	1/4	1,640.07	1/4	1,839.12	1/4	2,038.18	1/4	2,237.24	1/4	2,436.29	1/4	2,634.35	1/4	2,832.40	1/4	2,999.67
1/2	53.95	1/2	250.82	1/2	449.88	1/2	648.94	1/2	847.99	1/2	1,047.05	1/2	1,246.10	1/2	1,445.16	1/2	1,644.22	1/2	1,843.27	1/2	2,042.33	1/2	2,241.38	1/2	2,440.44	1/2	2,638.49	1/2	2,836.54	1/2	2,999.68
3/4	58.08	3/4	254.97	3/4	454.03	3/4	653.08	3/4	852.14	3/4	1,051.20	3/4	1,250.25	3/4	1,449.31	3/4	1,648.36	3/4	1,847.42	3/4	2,046.47	3/4	2,245.53	3/4	2,444.59	3/4	2,642.64	3/4	2,840.70	3/4	2,999.69
4	62.22	4	259.12	4	458.17	4	657.23	4	856.29	4	1,055.34	4	1,254.40	4	1,453.45	4	1,652.51	4	1,851.57	4	2,050.62	4	2,249.68	4	2,448.73	4	2,646.79	4	2,844.84	4	2,999.70
1/4	66.36	1/4	263.27	1/4	462.32	1/4	661.38	1/4	860.43	1/4	1,059.49	1/4	1,258.55	1/4	1,457.60	1/4	1,656.66	1/4	1,855.71	1/4	2,054.77	1/4	2,253.82	1/4	2,452.88	1/4	2,650.93	1/4	2,848.98	1/4	2,999.71
1/2	70.49	1/2	267.41	1/2	466.47	1/2	665.52	1/2	864.58	1/2	1,063.64	1/2	1,262.69	1/2	1,461.75	1/2	1,660.80	1/2	1,859.86	1/2	2,058.92	1/2	2,257.97	1/2	2,456.98	1/2	2,655.03	1/2	2,853.08	1/2	2,999.72
3/4	74.55	3/4	271.56	3/4	470.61	3/4	669.67	3/4	868.73	3/4	1,067.78	3/4	1,266.84	3/4	1,465.90	3/4	1,664.95	3/4	1,864.01	3/4	2,063.06	3/4	2,262.12	3/4	2,460.17	3/4	2,658.23	3/4	2,854.28	3/4	2,999.73
5	78.61	5	275.71	5	474.76	5	673.82	5	872.87	5	1,071.93	5	1,270.99	5	1,470.04	5	1,669.10	5	1,868.15	5	2,067.21	5	2,266.27	5	2,465.32	5	2,663.37	5	2,861.42	5	2,999.74
1/4	82.67	1/4	279.85	1/4	478.91	1/4	677.97	1/4	877.02	1/4	1,076.08	1/4	1,275.13	1/4	1,474.19	1/4	1,673.24	1/4	1,872.30	1/4	2,071.36	1/4	2,270.41	1/4	2,469.47	1/4	2,667.52	1/4	2,865.57	1/4	2,999.75
1/2	86.72	1/2	284.00	1/2	483.06	1/2	682.11	1/2	881.17	1/2	1,080.22	1/2	1,279.28	1/2	1,478.34	1/2	1,677.39	1/2	1,876.45	1/2	2,075.50	1/2	2,274.56	1/2	2,473.62	1/2	2,671.67	1/2	2,869.72	1/2	2,999.76
3/4	90.78	3/4	288.15	3/4	487.20	3/4	686.26	3/4	885.32	3/4	1,084.37	3/4	1,283.43	3/4	1,482.48	3/4	1,681.54	3/4	1,880.59	3/4	2,079.65	3/4	2,278.71	3/4	2,477.76	3/4	2,675.81	3/4	2,873.86	3/4	2,999.77
6	94.84	6	292.29	6	491.35	6	690.41	6	889.46	6	1,088.52	6	1,287.57	6	1,486.63	6	1,685.69	6	1,884.74	6	2,083.80	6	2,282.85	6	2,481.91	6	2,680.96	6	2,879.01	6	2,999.78
1/4	98.90	1/4	296.44	1/4	495.50	1/4	694.55	1/4	893.61	1/4	1,092.67	1/4	1,291.72	1/4	1,490.78	1/4	1,689.83	1/4	1,888.89	1/4	2,087.94	1/4	2,287.00	1/4	2,486.06	1/4	2,684.11	1/4	2,882.17	1/4	2,999.79
1/2	102.96	1/2	300.59	1/2	499.64	1/2	698.70	1/2	897.76	1/2	1,096.81	1/2	1,295.87	1/2	1,494.92	1/2	1,693.98	1/2	1,893.04	1/2	2,092.09	1/2	2,291.15	1/2	2,489.21	1/2	2,687.26	1/2	2,885.31	1/2	2,999.80
3/4	107.01	3/4	304.74	3/4	503.79	3/4	702.85	3/4	901.90	3/4	1,100.96	3/4	1,300.02	3/4	1,499.07	3/4	1,698.13	3/4	1,897.18	3/4	2,096.24	3/4	2,295.29	3/4	2,493.34	3/4	2,691.39	3/4	2,889.44	3/4	2,999.81
7	111.07	7	308.88	7	507.94	7	706.99	7	906.05	7	1,105.11	7	1,304.16	7	1,503.22	7	1,702.27	7	1,901.33	7	2,100.39	7	2,299.44	7	2,498.49	7	2,697.54	7	2,895.59	7	2,999.82
1/4	115.13	1/4	313.03	1/4	512.08	1/4	711.14	1/4	910.20	1/4	1,109.25	1/4	1,308.31	1/4	1,507.37	1/4	1,706.42	1/4	1,905.48	1/4	2,104.53	1/4	2,303.59	1/4	2,502.64	1/4	2,701.69	1/4	2,899.74	1/4	2,999.83
1/2	119.19	1/2	317.18	1/2	516.23	1/2	715.29	1/2	914.34	1/2	1,113.40	1/2	1,312.46	1/2	1,511.51	1/2	1,710.57	1/2	1,909.62	1/2	2,108.68	1/2	2,307.74	1/2	2,506.79	1/2	2,704.84	1/2	2,902.89	1/2	2,999.84
3/4	123.25	3/4	321.32	3/4	520.38	3/4	719.44	3/4	918.49	3/4	1,117.55	3/4	1,316.60	3/4	1,515.66	3/4	1,714.71	3/4	1,913.77	3/4	2,112.83	3/4	2,311.88	3/4	2,510.93	3/4	2,709.98	3/4	2,908.03	3/4	2,999.85
8	127.30	8	325.47	8	524.53	8	723.58	8	922.64	8	1,121.69	8	1,320.75	8	1,519.81	8	1,718.86	8	1,917.92												



# BARGE "BUFFALO 803" BUFFALO MARINE SERVICE

## INNAGE TABLE

## 2 PORT OR STAR

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

HULL NO. 2162-2

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	192.49	0	389.34	0	586.19	0	783.03	0	979.88	0	1,176.73	0	1,373.58	0	1,570.43	0	1,767.27	0	1,964.12	0	2,160.97	0	2,357.82	0	2,516.74	0	
1/4	7.88	1/4	196.59	1/4	393.44	1/4	590.29	1/4	787.14	1/4	983.98	1/4	1,180.83	1/4	1,377.68	1/4	1,574.53	1/4	1,771.38	1/4	1,968.22	1/4	2,165.07	1/4	2,361.92	1/4	2,517.37	1/4	
1/2	9.64	1/2	200.69	1/2	397.54	1/2	594.39	1/2	791.24	1/2	988.08	1/2	1,184.93	1/2	1,381.78	1/2	1,578.63	1/2	1,775.48	1/2	1,972.32	1/2	2,169.17	1/2	2,366.02	1/2	2,518.01	1/2	
3/4	12.60	3/4	204.79	3/4	401.64	3/4	598.49	3/4	795.34	3/4	992.19	3/4	1,189.03	3/4	1,385.88	3/4	1,582.73	3/4	1,779.58	3/4	1,976.43	3/4	2,173.27	3/4	2,370.12	3/4	2,518.17	3/4	
1	15.55	1	208.89	1	405.74	1	602.59	1	799.44	1	996.29	1	1,193.13	1	1,389.98	1	1,586.83	1	1,783.68	1	1,980.53	1	2,177.37	1	2,374.22	1	2,518.33	1	
1/4	18.50	1/4	213.00	1/4	409.84	1/4	606.69	1/4	803.54	1/4	1,000.39	1/4	1,197.24	1/4	1,394.08	1/4	1,590.93	1/4	1,787.78	1/4	1,984.63	1/4	2,181.48	1/4	2,378.32	1/4	2,518.48	1/4	
1/2	21.45	1/2	217.10	1/2	413.94	1/2	610.79	1/2	807.64	1/2	1,004.49	1/2	1,201.34	1/2	1,398.18	1/2	1,595.03	1/2	1,791.88	1/2	1,988.73	1/2	2,185.58	1/2	2,382.42	1/2	2,518.58	1/2	
3/4	25.29	3/4	221.20	3/4	418.05	3/4	614.89	3/4	811.74	3/4	1,008.59	3/4	1,205.44	3/4	1,402.29	3/4	1,599.13	3/4	1,795.98	3/4	1,992.83	3/4	2,189.68	3/4	2,386.53	3/4	2,518.68	3/4	
2	29.13	2	225.30	2	422.15	2	618.99	2	815.84	2	1,012.69	2	1,209.54	2	1,406.39	2	1,603.23	2	1,800.08	2	1,996.93	2	2,193.78	2	2,390.63	2	2,518.78	2	
1/4	33.27	1/4	229.40	1/4	426.25	1/4	623.10	1/4	819.94	1/4	1,016.79	1/4	1,213.64	1/4	1,410.49	1/4	1,607.34	1/4	1,804.18	1/4	2,001.03	1/4	2,197.88	1/4	2,394.73	1/4	2,518.88	1/4	
1/2	37.40	1/2	233.50	1/2	430.35	1/2	627.20	1/2	824.04	1/2	1,020.89	1/2	1,217.74	1/2	1,414.59	1/2	1,611.44	1/2	1,808.28	1/2	2,005.13	1/2	2,201.98	1/2	2,398.83	1/2	2,518.98	1/2	
3/4	41.54	3/4	237.60	3/4	434.45	3/4	631.30	3/4	828.15	3/4	1,024.99	3/4	1,221.84	3/4	1,418.69	3/4	1,615.54	3/4	1,812.39	3/4	2,009.23	3/4	2,206.08	3/4	2,402.93	3/4	2,519.08	3/4	
3	45.68	3	241.70	3	438.55	3	635.40	3	832.25	3	1,029.09	3	1,225.94	3	1,422.79	3	1,619.64	3	1,816.49	3	2,013.33	3	2,210.18	3	2,407.03	3	2,519.18	3	
1/4	49.81	1/4	245.80	1/4	442.65	1/4	639.50	1/4	836.35	1/4	1,033.20	1/4	1,230.04	1/4	1,426.89	1/4	1,623.74	1/4	1,820.59	1/4	2,017.44	1/4	2,214.28	1/4	2,411.13	1/4	2,519.28	1/4	
1/2	53.95	1/2	249.90	1/2	446.75	1/2	643.60	1/2	840.45	1/2	1,037.30	1/2	1,234.14	1/2	1,430.99	1/2	1,627.84	1/2	1,824.69	1/2	2,021.54	1/2	2,218.38	1/2	2,415.23	1/2	2,519.38	1/2	
3/4	58.08	3/4	254.01	3/4	450.85	3/4	647.70	3/4	844.55	3/4	1,041.40	3/4	1,238.25	3/4	1,435.09	3/4	1,631.94	3/4	1,828.79	3/4	2,025.64	3/4	2,222.49	3/4	2,419.33	3/4	2,519.48	3/4	
4	62.22	4	258.11	4	454.95	4	651.80	4	848.65	4	1,045.50	4	1,242.35	4	1,439.19	4	1,636.04	4	1,832.89	4	2,029.74	4	2,226.59	4	2,423.43	4	2,519.58	4	
1/4	66.36	1/4	262.21	1/4	459.06	1/4	655.90	1/4	852.75	1/4	1,049.60	1/4	1,246.45	1/4	1,443.30	1/4	1,640.14	1/4	1,836.99	1/4	2,033.84	1/4	2,230.69	1/4	2,427.54	1/4	2,519.68	1/4	
1/2	70.49	1/2	266.31	1/2	463.16	1/2	660.00	1/2	856.85	1/2	1,053.70	1/2	1,250.55	1/2	1,447.40	1/2	1,644.24	1/2	1,841.09	1/2	2,037.94	1/2	2,234.79	1/2	2,431.64	1/2	2,519.78	1/2	
3/4	74.55	3/4	270.41	3/4	467.26	3/4	664.11	3/4	860.95	3/4	1,057.80	3/4	1,254.65	3/4	1,451.50	3/4	1,648.35	3/4	1,845.19	3/4	2,042.04	3/4	2,238.89	3/4	2,435.74	3/4	2,519.88	3/4	
5	78.61	5	274.51	5	471.36	5	668.21	5	865.05	5	1,061.90	5	1,258.75	5	1,455.60	5	1,652.45	5	1,849.29	5	2,046.14	5	2,242.99	5	2,439.84	5	2,519.98	5	
1/4	82.67	1/4	278.61	1/4	475.46	1/4	672.31	1/4	869.16	1/4	1,066.00	1/4	1,262.85	1/4	1,459.70	1/4	1,656.55	1/4	1,853.40	1/4	2,050.24	1/4	2,247.09	1/4	2,443.94	1/4	2,520.08	1/4	
1/2	86.72	1/2	282.71	1/2	479.56	1/2	676.41	1/2	873.26	1/2	1,070.10	1/2	1,266.95	1/2	1,463.80	1/2	1,660.65	1/2	1,857.50	1/2	2,054.34	1/2	2,251.19	1/2	2,448.04	1/2	2,520.18	1/2	
3/4	90.78	3/4	286.81	3/4	483.66	3/4	680.51	3/4	877.36	3/4	1,074.21	3/4	1,271.05	3/4	1,467.90	3/4	1,664.75	3/4	1,861.60	3/4	2,058.45	3/4	2,255.29	3/4	2,452.14	3/4	2,520.28	3/4	
6	94.84	6	290.91	6	487.76	6	684.61	6	881.46	6	1,078.31	6	1,275.15	6	1,472.00	6	1,668.85	6	1,865.70	6	2,062.55	6	2,259.39	6	2,456.24	6	2,520.38	6	
1/4	98.90	1/4	295.02	1/4	491.86	1/4	688.71	1/4	885.56	1/4	1,082.41	1/4	1,279.26	1/4	1,476.10	1/4	1,672.95	1/4	1,869.80	1/4	2,066.65	1/4	2,263.50	1/4	2,459.39	1/4	2,520.48	1/4	
1/2	102.96	1/2	299.12	1/2	495.96	1/2	692.81	1/2	889.66	1/2	1,086.51	1/2	1,283.36	1/2	1,480.20	1/2	1,677.05	1/2	1,873.90	1/2	2,070.75	1/2	2,267.60	1/2	2,464.44	1/2	2,520.58	1/2	
3/4	107.01	3/4	303.22	3/4	500.07	3/4	696.91	3/4	893.76	3/4	1,090.61	3/4	1,287.46	3/4	1,484.31	3/4	1,681.15	3/4	1,878.00	3/4	2,074.85	3/4	2,271.70	3/4	2,468.27	3/4	2,520.68	3/4	
7	111.07	7	307.32	7	504.17	7	701.01	7	897.86	7	1,094.71	7	1,291.56	7	1,488.41	7	1,685.25	7	1,882.10	7	2,078.95	7	2,275.80	7	2,471.10	7	2,520.78	7	
1/4	115.13	1/4	311.42	1/4	508.27	1/4	705.12	1/4	901.96	1/4	1,098.81	1/4	1,295.66	1/4	1,492.51	1/4	1,689.36	1/4	1,886.20	1/4	2,083.05	1/4	2,279.90	1/4	2,475.92	1/4	2,520.88	1/4	
1/2	119.19	1/2	315.52	1/2	512.37	1/2	709.22	1/2	906.06	1/2	1,102.91	1/2	1,299.76	1/2	1,496.61	1/2	1,693.46	1/2	1,890.30	1/2	2,087.15	1/2	2,284.00	1/2	2,479.75	1/2	2,520.98	1/2	
3/4	123.25	3/4	319.62	3/4	516.47	3/4	713.32	3/4	910.17	3/4	1,107.01	3/4	1,303.86	3/4	1,500.71	3/4	1,697.56	3/4	1,894.41	3/4	2,091.25	3/4	2,288.10	3/4	2,482.94	3/4	2,521.08	3/4	
8	127.30	8	323.72	8	520.57	8	717.42	8	914.27	8	1,111.11	8	1,307.96	8	1,504.81	8	1,701.66	8	1,898.51	8	2,095.35	8	2,292.20	8	2,486.13	8	2,521.18	8	
1/4	131.36	1/4	327.82	1/4	524.67	1/4	721.52	1/4	918.37	1/4	1,115.22	1/4	1,312.06	1/4	1,508.91	1/4	1,705.76	1/4	1,902.61	1/4	2,099.46	1/4	2,296.30	1/4	2,489.32	1/4	2,521.28	1/4	
1/2	135.42	1/2	331.92	1/2	528.77	1/2	725.62	1/2	922.47	1/2	1,119.32	1/2	1,316.16	1/2	1,513.01	1/2	1,709.86	1/2	1,906.71	1/2	2,103.56	1/2	2,300.40	1/2	2,492.50	1/2	2,521.38	1/2	
3/4	139.48	3/4	336.03	3/4	532.87	3/4	729.72	3/4	926.57	3/4	1,123.42	3/4	1,320.27	3/4	1,517.11	3/4	1,713.96	3/4	1,910.81	3/4	2,107.66	3/4	2,304.51	3/4	2,495.06	3/4	2,521.48	3/4	
9	143.54	9	340.13	9	536.97	9	733.																						



# BARGE "BUFFALO 803" BUFFALO MARINE SERVICE

## INNAGE TABLE

3 PORT OR STAR

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

HULL NO. 2162-2

	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	193.38	0	397.33	0	601.28	0	805.23	0	1,009.19	0	1,213.14	0	1,417.09	0	1,621.04	0	1,824.99	0	2,028.95	0	2,232.90	0	2,436.85	0	2,599.62	0		
1/4		7.88	1/4	197.63	1/4	401.58	1/4	605.53	1/4	809.48	1/4	1,013.44	1/4	1,217.39	1/4	1,421.34	1/4	1,625.29	1/4	1,829.24	1/4	2,033.20	1/4	2,237.15	1/4	2,441.10	1/4	2,600.25	1/4		
1/2		9.64	1/2	201.88	1/2	405.83	1/2	609.78	1/2	813.73	1/2	1,017.68	1/2	1,221.64	1/2	1,425.59	1/2	1,629.54	1/2	1,833.49	1/2	2,037.44	1/2	2,241.40	1/2	2,445.35	1/2	2,600.89	1/2		
3/4		12.60	3/4	206.13	3/4	410.08	3/4	614.03	3/4	817.98	3/4	1,021.93	3/4	1,225.89	3/4	1,429.84	3/4	1,633.79	3/4	1,837.74	3/4	2,041.69	3/4	2,245.65	3/4	2,449.60	3/4	2,601.05	3/4		
1		15.55	1	210.37	1	414.33	1	618.28	1	822.23	1	1,026.18	1	1,230.13	1	1,434.09	1	1,638.04	1	1,841.99	1	2,045.94	1	2,249.89	1	2,453.85	1	2,601.21	1		
1/4		18.50	1/4	214.62	1/4	418.58	1/4	622.53	1/4	826.48	1/4	1,030.43	1/4	1,234.38	1/4	1,438.34	1/4	1,642.29	1/4	1,846.24	1/4	2,050.19	1/4	2,254.14	1/4	2,458.09	1/4				
1/2		21.45	1/2	218.87	1/2	422.82	1/2	626.78	1/2	830.73	1/2	1,034.68	1/2	1,238.63	1/2	1,442.58	1/2	1,646.54	1/2	1,850.49	1/2	2,054.44	1/2	2,258.39	1/2	2,462.34	1/2				
3/4		25.29	3/4	223.12	3/4	427.07	3/4	631.03	3/4	834.98	3/4	1,038.93	3/4	1,242.88	3/4	1,446.83	3/4	1,650.79	3/4	1,854.74	3/4	2,058.69	3/4	2,262.64	3/4	2,466.59	3/4				
2		29.13	2	227.37	2	431.32	2	635.27	2	839.23	2	1,043.18	2	1,247.13	2	1,451.08	2	1,655.03	2	1,858.99	2	2,062.94	2	2,266.89	2	2,470.84	2				
1/4		33.27	1/4	231.62	1/4	435.57	1/4	639.52	1/4	843.48	1/4	1,047.43	1/4	1,251.38	1/4	1,455.33	1/4	1,659.28	1/4	1,863.24	1/4	2,067.19	1/4	2,271.14	1/4	2,475.09	1/4				
1/2		37.40	1/2	235.87	1/2	439.82	1/2	643.77	1/2	847.72	1/2	1,051.68	1/2	1,255.63	1/2	1,459.58	1/2	1,663.53	1/2	1,867.48	1/2	2,071.44	1/2	2,275.39	1/2	2,479.34	1/2				
3/4		41.54	3/4	240.12	3/4	444.07	3/4	648.02	3/4	851.97	3/4	1,055.93	3/4	1,259.88	3/4	1,463.83	3/4	1,667.78	3/4	1,871.73	3/4	2,075.69	3/4	2,279.64	3/4	2,483.59	3/4				
3		45.68	3	244.37	3	448.32	3	652.27	3	856.22	3	1,060.17	3	1,264.13	3	1,468.08	3	1,672.03	3	1,875.98	3	2,079.93	3	2,283.89	3	2,487.84	3				
1/4		49.81	1/4	248.62	1/4	452.57	1/4	656.52	1/4	860.47	1/4	1,064.42	1/4	1,268.38	1/4	1,472.33	1/4	1,676.28	1/4	1,880.23	1/4	2,084.18	1/4	2,288.14	1/4	2,492.09	1/4				
1/2		53.95	1/2	252.86	1/2	456.82	1/2	660.77	1/2	864.72	1/2	1,068.67	1/2	1,272.62	1/2	1,476.58	1/2	1,680.53	1/2	1,884.48	1/2	2,088.43	1/2	2,292.38	1/2	2,496.34	1/2				
3/4		58.08	3/4	257.11	3/4	461.07	3/4	665.02	3/4	868.97	3/4	1,072.92	3/4	1,276.87	3/4	1,480.83	3/4	1,684.78	3/4	1,888.73	3/4	2,092.68	3/4	2,296.63	3/4	2,500.58	3/4				
4		62.22	4	261.36	4	465.31	4	669.27	4	873.22	4	1,077.17	4	1,281.12	4	1,485.07	4	1,689.03	4	1,892.98	4	2,096.93	4	2,300.88	4	2,504.83	4				
1/4		66.36	1/4	265.61	1/4	469.56	1/4	673.52	1/4	877.47	1/4	1,081.42	1/4	1,285.37	1/4	1,489.32	1/4	1,693.28	1/4	1,897.23	1/4	2,101.18	1/4	2,305.13	1/4	2,509.08	1/4				
1/2		70.49	1/2	269.86	1/2	473.81	1/2	677.76	1/2	881.72	1/2	1,085.67	1/2	1,289.62	1/2	1,493.57	1/2	1,697.52	1/2	1,901.48	1/2	2,105.43	1/2	2,309.38	1/2	2,513.33	1/2				
3/4		74.55	3/4	274.11	3/4	478.06	3/4	682.01	3/4	885.97	3/4	1,089.92	3/4	1,293.87	3/4	1,497.82	3/4	1,701.77	3/4	1,905.73	3/4	2,109.68	3/4	2,313.63	3/4	2,517.58	3/4				
5		78.61	5	278.36	5	482.31	5	686.26	5	890.21	5	1,094.17	5	1,298.12	5	1,502.07	5	1,706.02	5	1,909.97	5	2,113.93	5	2,317.88	5	2,521.83	5				
1/4		82.67	1/4	282.61	1/4	486.56	1/4	690.51	1/4	894.46	1/4	1,098.42	1/4	1,302.37	1/4	1,506.32	1/4	1,710.27	1/4	1,914.22	1/4	2,118.18	1/4	2,322.13	1/4	2,526.08	1/4				
1/2		86.72	1/2	286.86	1/2	490.81	1/2	694.76	1/2	898.71	1/2	1,102.66	1/2	1,306.62	1/2	1,510.57	1/2	1,714.52	1/2	1,918.47	1/2	2,122.42	1/2	2,326.38	1/2	2,530.33	1/2				
3/4		90.78	3/4	291.11	3/4	495.06	3/4	699.01	3/4	902.96	3/4	1,106.91	3/4	1,310.87	3/4	1,514.82	3/4	1,718.77	3/4	1,922.72	3/4	2,126.67	3/4	2,330.63	3/4	2,534.58	3/4				
6		94.84	6	295.35	6	499.31	6	703.26	6	907.21	6	1,111.16	6	1,315.11	6	1,519.07	6	1,723.02	6	1,926.97	6	2,130.92	6	2,334.87	6	2,538.83	6				
1/4		98.90	1/4	299.60	1/4	503.56	1/4	707.51	1/4	911.46	1/4	1,115.41	1/4	1,319.36	1/4	1,523.32	1/4	1,727.27	1/4	1,931.22	1/4	2,135.17	1/4	2,339.12	1/4	2,543.07	1/4				
1/2		102.96	1/2	303.85	1/2	507.80	1/2	711.76	1/2	915.71	1/2	1,119.66	1/2	1,323.61	1/2	1,527.56	1/2	1,731.52	1/2	1,935.47	1/2	2,139.42	1/2	2,343.37	1/2	2,547.32	1/2				
3/4		107.01	3/4	308.10	3/4	512.05	3/4	716.01	3/4	919.96	3/4	1,123.91	3/4	1,327.86	3/4	1,531.81	3/4	1,735.77	3/4	1,939.72	3/4	2,143.67	3/4	2,347.62	3/4	2,551.57	3/4				
7		111.07	7	312.35	7	516.30	7	720.25	7	924.21	7	1,128.16	7	1,332.11	7	1,536.06	7	1,740.01	7	1,943.97	7	2,147.92	7	2,351.87	7	2,554.98	7				
1/4		115.13	1/4	316.60	1/4	520.55	1/4	724.50	1/4	928.46	1/4	1,132.41	1/4	1,336.36	1/4	1,540.31	1/4	1,744.26	1/4	1,948.22	1/4	2,152.17	1/4	2,356.12	1/4	2,558.80	1/4				
1/2		119.19	1/2	320.85	1/2	524.80	1/2	728.75	1/2	932.70	1/2	1,136.66	1/2	1,340.61	1/2	1,544.56	1/2	1,748.51	1/2	1,952.46	1/2	2,156.42	1/2	2,360.37	1/2	2,562.63	1/2				
3/4		123.25	3/4	325.10	3/4	529.05	3/4	733.00	3/4	936.95	3/4	1,140.91	3/4	1,344.86	3/4	1,548.81	3/4	1,752.76	3/4	1,956.71	3/4	2,160.67	3/4	2,364.62	3/4	2,565.82	3/4				
8		127.30	8	329.35	8	533.30	8	737.25	8	941.20	8	1,145.15	8	1,349.11	8	1,553.06	8	1,757.01	8	1,960.96	8	2,164.91	8	2,368.87	8	2,569.01	8				
1/4		131.36	1/4	333.60	1/4	537.55	1/4	741.50	1/4	945.45	1/4	1,149.40	1/4	1,353.36	1/4	1,557.31	1/4	1,761.26	1/4	1,965.21	1/4	2,169.16	1/4	2,373.11	1/4	2,572.19	1/4				
1/2		135.42	1/2	337.84	1/2	541.80	1/2	745.75	1/2	949.70	1/2	1,153.65	1/2	1,357.60	1/2	1,561.56	1/2	1,765.51	1/2	1,969.46	1/2	2,173.41	1/2	2,377.36	1/2	2,575.38	1/2				
3/4		139.48	3/4	342.09	3/4	546.05	3/4	750.00	3/4	953.95	3/4	1,157.90	3/4	1,361.85	3/4	1,565.81	3/4	1,769.76	3/4	1,973.71	3/4	2,177.66	3/4	2,381.61	3/4	2,577.93	3/4				
9		143.54	9	346.34	9	550.29	9	754.25	9	958.20	9	1,162.15	9	1,366.10	9																



# BARGE "BUFFALO 803" BUFFALO MARINE SERVICE

## INNAGE TABLE

# 4 PORT OR STAR

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

HULL NO. 2162-2

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	192.53	0	389.72	0	586.90	0	784.08	0	981.27	0	1,178.45	0	1,375.64	0	1,572.82	0	1,770.00	0	1,967.19	0	2,164.37	0	2,361.56	0	2,520.66	0	
1/4	7.88	1/4	196.64	1/4	393.82	1/4	591.01	1/4	788.19	1/4	985.38	1/4	1,182.56	1/4	1,379.74	1/4	1,576.93	1/4	1,774.11	1/4	1,971.30	1/4	2,168.48	1/4	2,365.66	1/4	2,521.29	1/4	
1/2	9.64	1/2	200.75	1/2	397.93	1/2	595.12	1/2	792.30	1/2	989.48	1/2	1,186.67	1/2	1,383.85	1/2	1,581.04	1/2	1,778.22	1/2	1,975.40	1/2	2,172.59	1/2	2,369.77	1/2	2,521.93	1/2	
3/4	12.60	3/4	204.86	3/4	402.04	3/4	599.22	3/4	796.41	3/4	993.59	3/4	1,190.78	3/4	1,387.96	3/4	1,585.14	3/4	1,782.33	3/4	1,979.51	3/4	2,176.70	3/4	2,373.88	3/4	2,522.09	3/4	
1	15.55	1	208.96	1	406.15	1	603.33	1	800.52	1	997.70	1	1,194.88	1	1,392.07	1	1,589.25	1	1,786.44	1	1,983.62	1	2,180.80	1	2,377.99	1	2,522.25	1	
1/4	18.50	1/4	213.07	1/4	410.26	1/4	607.44	1/4	804.62	1/4	1,001.81	1/4	1,198.99	1/4	1,396.18	1/4	1,593.36	1/4	1,790.54	1/4	1,987.73	1/4	2,184.91	1/4	2,382.10	1/4		1/4	
1/2	21.45	1/2	217.18	1/2	414.36	1/2	611.55	1/2	808.73	1/2	1,005.92	1/2	1,203.10	1/2	1,400.28	1/2	1,597.47	1/2	1,794.65	1/2	1,991.84	1/2	2,189.02	1/2	2,386.20	1/2		1/2	
3/4	25.29	3/4	221.29	3/4	418.47	3/4	615.66	3/4	812.84	3/4	1,010.02	3/4	1,207.21	3/4	1,404.39	3/4	1,601.58	3/4	1,798.76	3/4	1,995.94	3/4	2,193.13	3/4	2,390.31	3/4		3/4	
2	29.13	2	225.40	2	422.58	2	619.76	2	816.95	2	1,014.13	2	1,211.32	2	1,408.50	2	1,605.68	2	1,802.87	2	2,000.05	2	2,197.24	2	2,394.42	2		2	
1/4	33.27	1/4	229.50	1/4	426.69	1/4	623.87	1/4	821.06	1/4	1,018.24	1/4	1,215.42	1/4	1,412.61	1/4	1,609.79	1/4	1,806.98	1/4	2,004.16	1/4	2,201.34	1/4	2,398.53	1/4		1/4	
1/2	37.40	1/2	233.61	1/2	430.80	1/2	627.98	1/2	825.16	1/2	1,022.35	1/2	1,219.53	1/2	1,416.72	1/2	1,613.90	1/2	1,811.08	1/2	2,008.27	1/2	2,205.45	1/2	2,402.64	1/2		1/2	
3/4	41.54	3/4	237.72	3/4	434.90	3/4	632.09	3/4	829.27	3/4	1,026.46	3/4	1,223.64	3/4	1,420.82	3/4	1,618.01	3/4	1,815.19	3/4	2,012.38	3/4	2,209.56	3/4	2,406.74	3/4		3/4	
3	45.68	3	241.83	3	439.01	3	636.20	3	833.38	3	1,030.56	3	1,227.75	3	1,424.93	3	1,622.12	3	1,819.30	3	2,016.48	3	2,213.67	3	2,410.85	3		3	
1/4	49.81	1/4	245.94	1/4	443.12	1/4	640.30	1/4	837.49	1/4	1,034.67	1/4	1,231.86	1/4	1,429.04	1/4	1,626.22	1/4	1,823.41	1/4	2,020.59	1/4	2,217.78	1/4	2,414.96	1/4		1/4	
1/2	53.95	1/2	250.04	1/2	447.23	1/2	644.41	1/2	841.60	1/2	1,038.78	1/2	1,235.96	1/2	1,433.15	1/2	1,630.33	1/2	1,827.52	1/2	2,024.70	1/2	2,221.88	1/2	2,419.07	1/2		1/2	
3/4	58.08	3/4	254.15	3/4	451.34	3/4	648.52	3/4	845.70	3/4	1,042.89	3/4	1,240.07	3/4	1,437.26	3/4	1,634.44	3/4	1,831.62	3/4	2,028.81	3/4	2,225.99	3/4	2,423.18	3/4		3/4	
4	62.22	4	258.26	4	455.44	4	652.63	4	849.81	4	1,047.00	4	1,244.18	4	1,441.36	4	1,638.55	4	1,835.73	4	2,032.92	4	2,230.10	4	2,427.28	4		4	
1/4	66.36	1/4	262.37	1/4	459.55	1/4	656.74	1/4	853.92	1/4	1,051.10	1/4	1,248.29	1/4	1,445.47	1/4	1,642.66	1/4	1,839.84	1/4	2,037.02	1/4	2,234.21	1/4	2,431.39	1/4		1/4	
1/2	70.49	1/2	266.48	1/2	463.66	1/2	660.84	1/2	858.03	1/2	1,055.21	1/2	1,252.40	1/2	1,449.58	1/2	1,646.76	1/2	1,843.95	1/2	2,041.13	1/2	2,238.32	1/2	2,435.50	1/2		1/2	
3/4	74.55	3/4	270.58	3/4	467.77	3/4	664.95	3/4	862.14	3/4	1,059.32	3/4	1,256.50	3/4	1,453.69	3/4	1,650.87	3/4	1,848.06	3/4	2,045.24	3/4	2,242.42	3/4	2,439.61	3/4		3/4	
5	78.61	5	274.69	5	471.88	5	669.06	5	866.24	5	1,063.43	5	1,260.61	5	1,457.80	5	1,654.98	5	1,852.16	5	2,049.35	5	2,246.53	5	2,443.72	5		5	
1/4	82.67	1/4	278.80	1/4	475.98	1/4	673.17	1/4	870.35	1/4	1,067.54	1/4	1,264.72	1/4	1,461.90	1/4	1,659.09	1/4	1,856.27	1/4	2,053.46	1/4	2,250.64	1/4	2,447.82	1/4		1/4	
1/2	86.72	1/2	282.91	1/2	480.09	1/2	677.28	1/2	874.46	1/2	1,071.64	1/2	1,268.83	1/2	1,466.01	1/2	1,663.20	1/2	1,860.38	1/2	2,057.56	1/2	2,254.75	1/2	2,451.93	1/2		1/2	
3/4	90.78	3/4	287.02	3/4	484.20	3/4	681.38	3/4	878.57	3/4	1,075.75	3/4	1,272.94	3/4	1,470.12	3/4	1,667.30	3/4	1,864.49	3/4	2,061.67	3/4	2,258.86	3/4	2,456.04	3/4		3/4	
6	94.84	6	291.12	6	488.31	6	685.49	6	882.68	6	1,079.86	6	1,277.04	6	1,474.23	6	1,671.41	6	1,868.60	6	2,065.78	6	2,262.96	6	2,460.15	6		6	
1/4	98.90	1/4	295.23	1/4	492.42	1/4	689.60	1/4	886.78	1/4	1,083.97	1/4	1,281.15	1/4	1,478.34	1/4	1,675.52	1/4	1,872.70	1/4	2,069.89	1/4	2,267.07	1/4	2,464.26	1/4		1/4	
1/2	102.96	1/2	299.34	1/2	496.52	1/2	693.71	1/2	890.89	1/2	1,088.08	1/2	1,285.26	1/2	1,482.44	1/2	1,679.63	1/2	1,876.81	1/2	2,074.00	1/2	2,271.18	1/2	2,468.36	1/2		1/2	
3/4	107.01	3/4	303.45	3/4	500.63	3/4	697.82	3/4	895.00	3/4	1,092.18	3/4	1,289.37	3/4	1,486.55	3/4	1,683.74	3/4	1,880.92	3/4	2,078.10	3/4	2,275.29	3/4	2,472.19	3/4		3/4	
7	111.07	7	307.56	7	504.74	7	701.92	7	899.11	7	1,096.29	7	1,293.48	7	1,490.66	7	1,687.84	7	1,885.03	7	2,082.21	7	2,279.40	7	2,476.02	7		7	
1/4	115.13	1/4	311.66	1/4	508.85	1/4	706.03	1/4	903.22	1/4	1,100.40	1/4	1,297.58	1/4	1,494.77	1/4	1,691.95	1/4	1,889.14	1/4	2,086.32	1/4	2,283.50	1/4	2,479.84	1/4		1/4	
1/2	119.19	1/2	315.77	1/2	512.96	1/2	710.14	1/2	907.32	1/2	1,104.51	1/2	1,301.69	1/2	1,498.88	1/2	1,696.06	1/2	1,893.24	1/2	2,090.43	1/2	2,287.61	1/2	2,483.67	1/2		1/2	
3/4	123.25	3/4	319.88	3/4	517.06	3/4	714.25	3/4	911.43	3/4	1,108.62	3/4	1,305.80	3/4	1,502.98	3/4	1,700.17	3/4	1,897.35	3/4	2,094.54	3/4	2,291.72	3/4	2,486.86	3/4		3/4	
8	127.30	8	323.99	8	521.17	8	718.36	8	915.54	8	1,112.72	8	1,309.91	8	1,507.09	8	1,704.28	8	1,901.46	8	2,098.64	8	2,295.83	8	2,490.05	8		8	
1/4	131.36	1/4	328.10	1/4	525.28	1/4	722.46	1/4	919.65	1/4	1,116.83	1/4	1,314.02	1/4	1,511.20	1/4	1,708.38	1/4	1,905.57	1/4	2,102.75	1/4	2,299.94	1/4	2,493.24	1/4		1/4	
1/2	135.42	1/2	332.20	1/2	529.39	1/2	726.57	1/2	923.76	1/2	1,120.94	1/2	1,318.12	1/2	1,515.31	1/2	1,712.49	1/2	1,909.68	1/2	2,106.86	1/2	2,304.04	1/2	2,496.42	1/2		1/2	
3/4	139.48	3/4	336.31	3/4	533.50	3/4	730.68	3/4	927.86	3/4	1,125.05	3/4	1,322.23	3/4	1,519.42	3/4	1,716.60	3/4	1,913.78	3/4	2,110.97	3/4	2,308.15	3/4	2,498.98	3/4		3/4	
9	143.54	9	340.42	9	537.60	9	734.79	9	931.97	9	1,129.16	9	1,326.34	9	1,523.52	9	1,720.71	9	1,917.89	9	2,115.08	9	2,312.26	9	2,501.53	9		9	
1/4	147.59	1/4	344.53	1/4	541.71	1/4	738.90	1/4	936.08	1/4	1,133.26	1/4	1,330.45	1/4	1,527.63	1/4	1,724.82	1/4	1,922.00	1/4	2,119.18	1/4	2,316.37	1/4	2,504.08	1/4		1/4	
1/2	151.65	1/2	348.64	1/2	545.82	1/2	743.00	1/2	940.19	1/2	1,137.37	1/2	1,334.56	1/2	1,531.74	1/2	1,728.92	1/2	1,926.11	1/2	2,123.29	1/2	2,320.48	1/2	2,506.63	1/2		1/2	
3/4	155.71	3/4	352.74	3/4	549.93	3/4	747.11	3/4	944.30	3/4	1,141.48	3/4	1,338.66	3/4	1,535.85	3/4	1,733.03	3/4	1,930.22	3/4	2,127.40	3/4	2,324.58	3/4	2,508.54	3/4		3/4	
10	159.77	10																											



# BARGE "BUFFALO 803" BUFFALO MARINE SERVICE

## INNAGE TABLE

## 5 PORT OR STAR

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

HULL NO. 2162-2

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	192.55	0	389.88	0	587.21	0	784.53	0	981.86	0	1,179.19	0	1,376.52	0	1,573.85	0	1,771.17	0	1,968.50	0	2,165.83	0	2,363.16	0	2,522.34	0	
1/4	7.88	1/4	196.66	1/4	393.99	1/4	591.32	1/4	788.64	1/4	985.97	1/4	1,183.30	1/4	1,380.63	1/4	1,577.96	1/4	1,775.29	1/4	1,972.61	1/4	2,169.94	1/4	2,367.27	1/4	2,522.97	1/4	
1/2	9.64	1/2	200.77	1/2	398.10	1/2	595.43	1/2	792.76	1/2	990.08	1/2	1,187.41	1/2	1,384.74	1/2	1,582.07	1/2	1,779.40	1/2	1,976.72	1/2	2,174.05	1/2	2,371.38	1/2	2,523.61	1/2	
3/4	12.60	3/4	204.88	3/4	402.21	3/4	599.54	3/4	796.87	3/4	994.19	3/4	1,191.52	3/4	1,388.85	3/4	1,586.18	3/4	1,783.51	3/4	1,980.84	3/4	2,178.16	3/4	2,375.49	3/4	2,523.77	3/4	
1	15.55	1	208.99	1	406.32	1	603.65	1	800.98	1	998.31	1	1,195.63	1	1,392.96	1	1,590.29	1	1,787.62	1	1,984.95	1	2,182.27	1	2,379.60	1	2,523.93	1	
1/4	18.50	1/4	213.11	1/4	410.43	1/4	607.76	1/4	805.09	1/4	1,002.42	1/4	1,199.75	1/4	1,397.07	1/4	1,594.40	1/4	1,791.73	1/4	1,989.06	1/4	2,186.39	1/4	2,383.71	1/4		1/4	
1/2	21.45	1/2	217.22	1/2	414.54	1/2	611.87	1/2	809.20	1/2	1,006.53	1/2	1,203.86	1/2	1,401.18	1/2	1,598.51	1/2	1,795.84	1/2	1,993.17	1/2	2,190.50	1/2	2,387.82	1/2		1/2	
3/4	25.29	3/4	221.33	3/4	418.65	3/4	615.98	3/4	813.31	3/4	1,010.64	3/4	1,207.97	3/4	1,405.30	3/4	1,602.62	3/4	1,799.95	3/4	1,997.28	3/4	2,194.61	3/4	2,391.94	3/4		3/4	
2	29.13	2	225.44	2	422.77	2	620.09	2	817.42	2	1,014.75	2	1,212.08	2	1,409.41	2	1,606.73	2	1,804.06	2	2,001.39	2	2,198.72	2	2,396.05	2		2	
1/4	33.27	1/4	229.55	1/4	426.88	1/4	624.20	1/4	821.53	1/4	1,018.86	1/4	1,216.19	1/4	1,413.52	1/4	1,610.85	1/4	1,808.17	1/4	2,005.50	1/4	2,202.83	1/4	2,400.16	1/4		1/4	
1/2	37.40	1/2	233.66	1/2	430.99	1/2	628.32	1/2	825.64	1/2	1,022.97	1/2	1,220.30	1/2	1,417.63	1/2	1,614.96	1/2	1,812.28	1/2	2,009.61	1/2	2,206.94	1/2	2,404.27	1/2		1/2	
3/4	41.54	3/4	237.77	3/4	435.10	3/4	632.43	3/4	829.75	3/4	1,027.08	3/4	1,224.41	3/4	1,421.74	3/4	1,619.07	3/4	1,816.40	3/4	2,013.72	3/4	2,211.05	3/4	2,408.38	3/4		3/4	
3	45.68	3	241.88	3	439.21	3	636.54	3	833.87	3	1,031.19	3	1,228.52	3	1,425.85	3	1,623.18	3	1,820.51	3	2,017.83	3	2,215.16	3	2,412.49	3		3	
1/4	49.81	1/4	245.99	1/4	443.32	1/4	640.65	1/4	837.98	1/4	1,035.31	1/4	1,232.63	1/4	1,429.96	1/4	1,627.29	1/4	1,824.62	1/4	2,021.95	1/4	2,219.27	1/4	2,416.60	1/4		1/4	
1/2	53.95	1/2	250.10	1/2	447.43	1/2	644.76	1/2	842.09	1/2	1,039.42	1/2	1,236.74	1/2	1,434.07	1/2	1,631.40	1/2	1,828.73	1/2	2,026.06	1/2	2,223.38	1/2	2,420.71	1/2		1/2	
3/4	58.08	3/4	254.22	3/4	451.54	3/4	648.87	3/4	846.20	3/4	1,043.53	3/4	1,240.86	3/4	1,438.18	3/4	1,635.51	3/4	1,832.84	3/4	2,030.17	3/4	2,227.50	3/4	2,424.82	3/4		3/4	
4	62.22	4	258.33	4	455.65	4	652.98	4	850.31	4	1,047.64	4	1,244.97	4	1,442.29	4	1,639.62	4	1,836.95	4	2,034.28	4	2,231.61	4	2,428.93	4		4	
1/4	66.36	1/4	262.44	1/4	459.76	1/4	657.09	1/4	854.42	1/4	1,051.75	1/4	1,249.08	1/4	1,446.41	1/4	1,643.73	1/4	1,841.06	1/4	2,038.39	1/4	2,235.72	1/4	2,433.05	1/4		1/4	
1/2	70.49	1/2	266.55	1/2	463.88	1/2	661.20	1/2	858.53	1/2	1,055.86	1/2	1,253.19	1/2	1,450.52	1/2	1,647.84	1/2	1,845.17	1/2	2,042.50	1/2	2,239.83	1/2	2,437.16	1/2		1/2	
3/4	74.55	3/4	270.66	3/4	467.99	3/4	665.31	3/4	862.64	3/4	1,059.97	3/4	1,257.30	3/4	1,454.63	3/4	1,651.96	3/4	1,849.28	3/4	2,046.61	3/4	2,243.94	3/4	2,441.27	3/4		3/4	
5	78.61	5	274.77	5	472.10	5	669.43	5	866.75	5	1,064.08	5	1,261.41	5	1,458.74	5	1,656.07	5	1,853.39	5	2,050.72	5	2,248.05	5	2,445.38	5		5	
1/4	82.67	1/4	278.88	1/4	476.21	1/4	673.54	1/4	870.86	1/4	1,068.19	1/4	1,265.52	1/4	1,462.85	1/4	1,660.18	1/4	1,857.51	1/4	2,054.83	1/4	2,252.16	1/4	2,449.49	1/4		1/4	
1/2	86.72	1/2	282.99	1/2	480.32	1/2	677.65	1/2	874.98	1/2	1,072.30	1/2	1,269.63	1/2	1,466.96	1/2	1,664.29	1/2	1,861.62	1/2	2,058.94	1/2	2,256.27	1/2	2,453.60	1/2		1/2	
3/4	90.78	3/4	287.10	3/4	484.43	3/4	681.76	3/4	879.09	3/4	1,076.42	3/4	1,273.74	3/4	1,471.07	3/4	1,668.40	3/4	1,865.73	3/4	2,063.06	3/4	2,260.38	3/4	2,457.71	3/4		3/4	
6	94.84	6	291.21	6	488.54	6	685.87	6	883.20	6	1,080.53	6	1,277.85	6	1,475.18	6	1,672.51	6	1,869.84	6	2,067.17	6	2,264.49	6	2,461.82	6		6	
1/4	98.90	1/4	295.33	1/4	492.65	1/4	689.98	1/4	887.31	1/4	1,084.64	1/4	1,281.97	1/4	1,479.29	1/4	1,676.62	1/4	1,873.95	1/4	2,071.28	1/4	2,268.61	1/4	2,465.93	1/4		1/4	
1/2	102.96	1/2	299.44	1/2	496.76	1/2	694.09	1/2	891.42	1/2	1,088.75	1/2	1,285.08	1/2	1,483.40	1/2	1,680.73	1/2	1,878.06	1/2	2,075.39	1/2	2,272.72	1/2	2,470.04	1/2		1/2	
3/4	107.01	3/4	303.55	3/4	500.87	3/4	698.20	3/4	895.53	3/4	1,092.86	3/4	1,290.19	3/4	1,487.52	3/4	1,684.84	3/4	1,882.17	3/4	2,079.50	3/4	2,276.83	3/4	2,473.87	3/4		3/4	
7	111.07	7	307.66	7	504.99	7	702.31	7	899.64	7	1,096.97	7	1,294.30	7	1,491.63	7	1,688.95	7	1,886.28	7	2,083.61	7	2,280.94	7	2,477.70	7		7	
1/4	115.13	1/4	311.77	1/4	509.10	1/4	706.42	1/4	903.75	1/4	1,101.08	1/4	1,298.41	1/4	1,495.74	1/4	1,693.07	1/4	1,890.39	1/4	2,087.72	1/4	2,285.05	1/4	2,481.52	1/4		1/4	
1/2	119.19	1/2	315.88	1/2	513.21	1/2	710.54	1/2	907.86	1/2	1,105.19	1/2	1,302.52	1/2	1,499.85	1/2	1,697.18	1/2	1,894.50	1/2	2,091.83	1/2	2,289.16	1/2	2,485.35	1/2		1/2	
3/4	123.25	3/4	319.99	3/4	517.32	3/4	714.65	3/4	911.97	3/4	1,109.30	3/4	1,306.63	3/4	1,503.96	3/4	1,701.29	3/4	1,898.62	3/4	2,095.94	3/4	2,293.27	3/4	2,488.54	3/4		3/4	
8	127.30	8	324.10	8	521.43	8	718.76	8	916.09	8	1,113.41	8	1,310.74	8	1,508.07	8	1,705.40	8	1,902.73	8	2,100.05	8	2,297.38	8	2,491.73	8		8	
1/4	131.36	1/4	328.21	1/4	525.54	1/4	722.87	1/4	920.20	1/4	1,117.53	1/4	1,314.85	1/4	1,512.18	1/4	1,709.51	1/4	1,906.84	1/4	2,104.17	1/4	2,301.49	1/4	2,494.92	1/4		1/4	
1/2	135.42	1/2	332.32	1/2	529.65	1/2	726.98	1/2	924.31	1/2	1,121.64	1/2	1,318.96	1/2	1,516.29	1/2	1,713.62	1/2	1,910.95	1/2	2,108.28	1/2	2,305.60	1/2	2,498.10	1/2		1/2	
3/4	139.48	3/4	336.43	3/4	533.76	3/4	731.09	3/4	928.42	3/4	1,125.75	3/4	1,323.08	3/4	1,520.40	3/4	1,717.73	3/4	1,915.06	3/4	2,112.39	3/4	2,309.72	3/4	2,500.66	3/4		3/4	
9	143.54	9	340.55	9	537.87	9	735.20	9	932.53	9	1,129.86	9	1,327.19	9	1,524.51	9	1,721.84	9	1,919										



# BARGE "BUFFALO 803" BUFFALO MARINE SERVICE

## INNAGE TABLE

## 6 PORT OR STAR

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

HULL NO. 2162-2

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	80.49	0	163.63	0	246.76	0	329.90	0	413.04	0	496.17	0	579.31	0	662.44	0	745.58	0	828.72	0	911.85	0	994.99	0	1,061.81	0		
1/4	3.42	1/4	82.22	1/4	165.36	1/4	248.50	1/4	331.63	1/4	414.77	1/4	497.90	1/4	581.04	1/4	664.18	1/4	747.31	1/4	830.45	1/4	913.58	1/4	996.72	1/4	1,062.07	1/4		
1/2	4.16	1/2	83.96	1/2	167.09	1/2	250.23	1/2	333.36	1/2	416.50	1/2	499.64	1/2	582.77	1/2	665.91	1/2	749.04	1/2	832.18	1/2	915.32	1/2	998.45	1/2	1,062.34	1/2		
3/4	5.39	3/4	85.69	3/4	168.82	3/4	251.96	3/4	335.10	3/4	418.23	3/4	501.37	3/4	584.50	3/4	667.64	3/4	750.78	3/4	833.91	3/4	917.05	3/4	1,000.18	3/4	1,062.41	3/4		
1	6.62	1	87.42	1	170.56	1	253.69	1	336.83	1	419.96	1	503.10	1	586.24	1	669.37	1	752.51	1	835.64	1	918.78	1	1,001.92	1	1,062.47	1		
1/4	7.85	1/4	89.15	1/4	172.29	1/4	255.42	1/4	338.56	1/4	421.70	1/4	504.83	1/4	587.97	1/4	671.10	1/4	754.24	1/4	837.38	1/4	920.51	1/4	1,003.65	1/4				
1/2	9.08	1/2	90.88	1/2	174.02	1/2	257.16	1/2	340.29	1/2	423.43	1/2	506.56	1/2	589.70	1/2	672.84	1/2	755.97	1/2	839.11	1/2	922.24	1/2	1,005.38	1/2				
3/4	10.68	3/4	92.62	3/4	175.75	3/4	258.89	3/4	342.02	3/4	425.16	3/4	508.30	3/4	591.43	3/4	674.57	3/4	757.70	3/4	840.84	3/4	923.98	3/4	1,007.11	3/4				
2	12.28	2	94.35	2	177.48	2	260.62	2	343.76	2	426.89	2	510.03	2	593.16	2	676.30	2	759.44	2	842.57	2	925.71	2	1,008.84	2				
1/4	14.00	1/4	96.08	1/4	179.22	1/4	262.35	1/4	345.49	1/4	428.62	1/4	511.76	1/4	594.90	1/4	678.03	1/4	761.17	1/4	844.30	1/4	927.44	1/4	1,010.58	1/4				
1/2	15.72	1/2	97.81	1/2	180.95	1/2	264.08	1/2	347.22	1/2	430.36	1/2	513.49	1/2	596.63	1/2	679.76	1/2	762.90	1/2	846.04	1/2	929.17	1/2	1,012.31	1/2				
3/4	17.45	3/4	99.54	3/4	182.68	3/4	265.82	3/4	348.95	3/4	432.09	3/4	515.22	3/4	598.36	3/4	681.50	3/4	764.63	3/4	847.77	3/4	930.90	3/4	1,014.04	3/4				
3	19.17	3	101.28	3	184.41	3	267.55	3	350.68	3	433.82	3	516.96	3	600.09	3	683.23	3	766.36	3	849.50	3	932.64	3	1,015.77	3				
1/4	20.90	1/4	103.01	1/4	186.14	1/4	269.28	1/4	352.42	1/4	435.55	1/4	518.69	1/4	601.82	1/4	684.96	1/4	768.10	1/4	851.23	1/4	934.37	1/4	1,017.50	1/4				
1/2	22.62	1/2	104.74	1/2	187.88	1/2	271.01	1/2	354.15	1/2	437.28	1/2	520.42	1/2	603.56	1/2	686.69	1/2	769.83	1/2	852.96	1/2	936.10	1/2	1,019.24	1/2				
3/4	24.34	3/4	106.47	3/4	189.61	3/4	272.74	3/4	355.88	3/4	439.02	3/4	522.15	3/4	605.29	3/4	688.42	3/4	771.56	3/4	854.70	3/4	937.83	3/4	1,020.97	3/4				
4	26.07	4	108.20	4	191.34	4	274.48	4	357.61	4	440.75	4	523.88	4	607.02	4	690.16	4	773.29	4	856.43	4	939.56	4	1,022.70	4				
1/4	27.79	1/4	109.94	1/4	193.07	1/4	276.21	1/4	359.34	1/4	442.48	1/4	525.62	1/4	608.75	1/4	691.89	1/4	775.02	1/4	858.16	1/4	941.30	1/4	1,024.43	1/4				
1/2	29.52	1/2	111.67	1/2	194.80	1/2	277.94	1/2	361.08	1/2	444.21	1/2	527.35	1/2	610.48	1/2	693.62	1/2	776.76	1/2	859.89	1/2	943.03	1/2	1,026.16	1/2				
3/4	31.21	3/4	113.40	3/4	196.54	3/4	279.67	3/4	362.81	3/4	445.94	3/4	529.08	3/4	612.22	3/4	695.35	3/4	778.49	3/4	861.62	3/4	944.76	3/4	1,027.90	3/4				
5	32.90	5	115.13	5	198.27	5	281.40	5	364.54	5	447.68	5	530.81	5	613.95	5	697.08	5	780.22	5	863.36	5	946.49	5	1,029.63	5				
1/4	34.59	1/4	116.86	1/4	200.00	1/4	283.14	1/4	366.27	1/4	449.41	1/4	532.54	1/4	615.68	1/4	698.82	1/4	781.95	1/4	865.09	1/4	948.22	1/4	1,031.36	1/4				
1/2	36.28	1/2	118.60	1/2	201.73	1/2	284.87	1/2	368.00	1/2	451.14	1/2	534.28	1/2	617.41	1/2	700.55	1/2	783.68	1/2	866.82	1/2	949.96	1/2	1,033.09	1/2				
3/4	37.97	3/4	120.33	3/4	203.46	3/4	286.60	3/4	369.74	3/4	452.87	3/4	536.01	3/4	619.14	3/4	702.28	3/4	785.42	3/4	868.55	3/4	951.69	3/4	1,034.82	3/4				
6	39.66	6	122.06	6	205.20	6	288.33	6	371.47	6	454.60	6	537.74	6	620.88	6	704.01	6	787.15	6	870.28	6	953.42	6	1,036.56	6				
1/4	41.35	1/4	123.79	1/4	206.93	1/4	290.06	1/4	373.20	1/4	456.34	1/4	539.47	1/4	622.61	1/4	705.74	1/4	788.88	1/4	872.02	1/4	955.15	1/4	1,038.29	1/4				
1/2	43.04	1/2	125.52	1/2	208.66	1/2	291.80	1/2	374.93	1/2	458.07	1/2	541.20	1/2	624.34	1/2	707.48	1/2	790.61	1/2	873.75	1/2	956.88	1/2	1,040.02	1/2				
3/4	44.74	3/4	127.26	3/4	210.39	3/4	293.53	3/4	376.66	3/4	459.80	3/4	542.94	3/4	626.07	3/4	709.21	3/4	792.34	3/4	875.48	3/4	958.62	3/4	1,041.61	3/4				
7	46.43	7	128.99	7	212.12	7	295.26	7	378.40	7	461.53	7	544.67	7	627.80	7	710.94	7	794.08	7	877.21	7	960.35	7	1,043.24	7				
1/4	48.12	1/4	130.72	1/4	213.86	1/4	296.99	1/4	380.13	1/4	463.26	1/4	546.40	1/4	629.54	1/4	712.67	1/4	795.81	1/4	878.94	1/4	962.08	1/4	1,044.80	1/4				
1/2	49.81	1/2	132.45	1/2	215.59	1/2	298.72	1/2	381.86	1/2	465.00	1/2	548.13	1/2	631.27	1/2	714.40	1/2	797.54	1/2	880.68	1/2	963.81	1/2	1,046.40	1/2				
3/4	51.50	3/4	134.18	3/4	217.32	3/4	300.46	3/4	383.59	3/4	466.73	3/4	549.86	3/4	633.00	3/4	716.14	3/4	799.27	3/4	882.41	3/4	965.54	3/4	1,047.73	3/4				
8	53.19	8	135.92	8	219.05	8	302.19	8	385.32	8	468.46	8	551.60	8	634.73	8	717.87	8	801.00	8	884.14	8	967.28	8	1,049.05	8				
1/4	54.88	1/4	137.65	1/4	220.78	1/4	303.92	1/4	387.06	1/4	470.19	1/4	553.33	1/4	636.46	1/4	719.60	1/4	802.74	1/4	885.87	1/4	969.01	1/4	1,050.38	1/4				
1/2	56.57	1/2	139.38	1/2	222.52	1/2	305.65	1/2	388.79	1/2	471.92	1/2	555.06	1/2	638.20	1/2	721.33	1/2	804.47	1/2	887.60	1/2	970.74	1/2	1,051.71	1/2				
3/4	58.26	3/4	141.11	3/4	224.25	3/4	307.38	3/4	390.52	3/4	473.66	3/4	556.79	3/4	639.93	3/4	723.06	3/4	806.20	3/4	889.34	3/4	972.47	3/4	1,052.78	3/4				
9	59.95	9	142.84	9	225.98	9	309.12	9	392.25	9	475.39	9	558.52	9	641.66	9	724.80	9	807.93	9	891.07	9	974.20	9	1,053.84	9				
1/4	61.65	1/4	144.58	1/4	227.71	1/4	310.85	1/4	393.98	1/4	477.12	1/4	560.26	1/4	643.39	1/4	726.53	1/4	809.66	1/4	892.80	1/4	975.94	1/4	1,054.90	1/4				
1/2	63.34	1/2	146.31	1/2	229.44																									