



BARGE "BUFFALO 302"

BUFFALO MARINE SERVICE


HULL NO. 4425

CORRECTION TABLE FOR TRIM AFT.				
FOR INNAGE GAUGES ONLY				
TRIM	TANKS NO. 1 PORT OR STAR.	TANKS NO. 2 PORT OR STAR.	TANKS NO. 3 PORT OR STAR.	TANKS NO. 4 PORT OR STAR.
0'-6"	NIL	NIL	NIL	(+) 0'- 0 1/4"
1'-0"	NIL	(+) 0'- 0 1/8"	NIL	(+) 0'- 0 5/8"
1'-6"	(+) 0'- 0 1/8"	(+) 0'- 0 1/8"	NIL	(+) 0'- 0 7/8"
2'-0"	(+) 0'- 0 1/8"	(+) 0'- 0 1/8"	NIL	(+) 0'- 1 1/4"
2'-6"	(+) 0'- 0 1/8"	(+) 0'- 0 1/4"	NIL	(+) 0'- 1 1/2"
3'-0"	(+) 0'- 0 1/8"	(+) 0'- 0 1/4"	NIL	(+) 0'- 1 3/4"
3'-6"	(+) 0'- 0 1/8"	(+) 0'- 0 1/4"	(+) 0'- 0 1/8"	(+) 0'- 2 1/8"
4'-0"	(+) 0'- 0 1/4"	(+) 0'- 0 3/8"	(+) 0'- 0 1/8"	(+) 0'- 2 3/8"
4'-6"	(+) 0'- 0 1/4"	(+) 0'- 0 3/8"	(+) 0'- 0 1/8"	(+) 0'- 2 3/4"
5'-0"	(+) 0'- 0 1/4"	(+) 0'- 0 3/8"	(+) 0'- 0 1/8"	(+) 0'- 3"

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: 8/13/02 BY: 
INSPECTORATE AMERICA CORPORATION



BARGE "BUFFALO 302" BUFFALO MARINE SERVICE

INNAGE TABLE

1 PORT OR STAR

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

HULL NO. 4425

	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	12.35	258.07	513.86	769.65	1,025.44	1,281.23	1,537.03	1,792.82	2,048.61	2,304.40	2,560.19	2,815.99	3,071.78	3,268.42	
1/4	16.14	263.40	519.19	774.98	1,030.77	1,286.56	1,542.35	1,798.15	2,053.94	2,309.73	2,565.52	2,821.32	3,077.11	3,268.63	
1/2	19.93	268.72	524.52	780.31	1,036.10	1,291.89	1,547.68	1,803.48	2,059.27	2,315.06	2,570.85	2,826.64	3,082.44	3,268.83	
3/4	23.72	274.05	529.85	785.64	1,041.43	1,297.22	1,553.01	1,808.80	2,064.60	2,320.39	2,576.18	2,831.97	3,087.77		
1	27.50	279.38	535.17	790.97	1,046.76	1,302.55	1,558.34	1,814.13	2,069.93	2,325.72	2,581.51	2,837.30	3,093.09		
1/4	32.43	284.71	540.50	796.29	1,052.09	1,307.88	1,563.67	1,819.46	2,075.25	2,331.05	2,586.84	2,842.63	3,098.42		
1/2	37.36	290.04	545.83	801.62	1,057.42	1,313.21	1,569.00	1,824.79	2,080.58	2,336.38	2,592.17	2,847.96	3,103.75		
3/4	42.27	295.37	551.16	806.95	1,062.75	1,318.54	1,574.33	1,830.12	2,085.91	2,341.71	2,597.50	2,853.29	3,109.08		
2	47.98	300.70	556.49	812.28	1,068.07	1,323.87	1,579.66	1,835.45	2,091.24	2,347.03	2,602.83	2,858.62	3,114.41		
1/4	53.29	306.03	561.82	817.61	1,073.40	1,329.19	1,584.99	1,840.78	2,096.57	2,352.36	2,608.16	2,863.95	3,119.74		
1/2	58.59	311.36	567.15	822.94	1,078.73	1,334.52	1,590.32	1,846.11	2,101.90	2,357.69	2,613.48	2,869.28	3,125.07		
3/4	63.90	316.69	572.48	828.27	1,084.06	1,339.85	1,595.64	1,851.44	2,107.23	2,363.02	2,618.81	2,874.61	3,130.40		
3	69.21	322.01	577.81	833.60	1,089.39	1,345.18	1,600.97	1,856.77	2,112.56	2,368.35	2,624.14	2,879.93	3,135.73		
1/4	74.52	327.34	583.14	838.93	1,094.72	1,350.51	1,606.30	1,862.09	2,117.89	2,373.68	2,629.47	2,885.26	3,141.06		
1/2	79.83	332.67	588.46	844.26	1,100.05	1,355.84	1,611.63	1,867.42	2,123.22	2,379.01	2,634.80	2,890.59	3,146.38		
3/4	85.13	338.00	593.79	849.58	1,105.38	1,361.17	1,616.96	1,872.75	2,128.54	2,384.34	2,640.13	2,895.92	3,151.71		
4	90.44	343.33	599.12	854.91	1,110.71	1,366.50	1,622.29	1,878.08	2,133.87	2,389.67	2,645.46	2,901.25	3,157.04		
1/4	95.65	348.66	604.45	860.24	1,116.04	1,371.83	1,627.62	1,883.41	2,139.20	2,395.00	2,650.79	2,906.58	3,162.37		
1/2	100.86	353.99	609.78	865.57	1,121.36	1,377.16	1,632.95	1,888.74	2,144.53	2,400.32	2,656.12	2,911.91	3,167.70		
3/4	106.07	359.32	615.11	870.90	1,126.69	1,382.48	1,638.28	1,894.07	2,149.86	2,405.65	2,661.45	2,917.24	3,173.03		
5	111.27	364.65	620.44	876.23	1,132.02	1,387.81	1,643.61	1,899.40	2,155.19	2,410.98	2,666.77	2,922.57	3,178.36		
1/4	116.48	369.98	625.77	881.56	1,137.35	1,393.14	1,648.93	1,904.73	2,160.52	2,416.31	2,672.10	2,927.90	3,183.69		
1/2	121.69	375.30	631.10	886.89	1,142.68	1,398.47	1,654.26	1,910.06	2,165.85	2,421.64	2,677.43	2,933.22	3,189.02		
3/4	126.90	380.63	636.42	892.22	1,148.01	1,403.80	1,659.59	1,915.38	2,171.18	2,426.97	2,682.76	2,938.55	3,194.35		
6	132.11	385.96	641.75	897.55	1,153.34	1,409.13	1,664.92	1,920.71	2,176.51	2,432.30	2,688.09	2,943.88	3,199.67		
1/4	137.31	391.29	647.08	902.87	1,158.67	1,414.46	1,670.25	1,926.04	2,181.83	2,437.63	2,693.42	2,949.21	3,204.99		
1/2	142.52	396.62	652.41	908.20	1,164.00	1,419.79	1,675.58	1,931.37	2,187.16	2,442.96	2,698.75	2,954.54	3,209.50		
3/4	147.73	401.95	657.74	913.53	1,169.33	1,425.12	1,680.91	1,936.70	2,192.49	2,448.29	2,704.08	2,959.87	3,214.41		
7	152.94	407.28	663.07	918.86	1,174.65	1,430.45	1,686.24	1,942.03	2,197.82	2,453.61	2,709.41	2,965.20	3,219.32		
1/4	158.15	412.61	668.40	924.19	1,179.98	1,435.77	1,691.57	1,947.36	2,203.15	2,458.94	2,714.74	2,970.53	3,223.41		
1/2	163.35	417.94	673.73	929.52	1,185.31	1,441.10	1,696.90	1,952.69	2,208.48	2,464.27	2,720.06	2,975.86	3,227.50		
3/4	168.56	423.27	679.06	934.85	1,190.64	1,446.43	1,702.22	1,958.02	2,213.81	2,469.60	2,725.39	2,981.19	3,231.59		
8	173.77	428.59	684.39	940.18	1,195.97	1,451.76	1,707.55	1,963.35	2,219.14	2,474.93	2,730.72	2,986.51	3,235.69		
1/4	178.98	433.92	689.71	945.51	1,201.30	1,457.09	1,712.88	1,968.67	2,224.47	2,480.26	2,736.05	2,991.84	3,239.69		
1/2	184.19	439.25	695.04	950.84	1,206.63	1,462.42	1,718.21	1,974.00	2,229.80	2,485.59	2,741.38	2,997.17	3,242.23		
3/4	189.39	444.58	700.37	956.16	1,211.96	1,467.75	1,723.54	1,979.33	2,235.12	2,490.92	2,746.71	3,002.50	3,245.51		
9	194.60	449.91	705.70	961.49	1,217.29	1,473.08	1,728.87	1,984.66	2,240.45	2,496.25	2,752.04	3,007.83	3,248.78		
1/4	199.81	455.24	711.03	966.82	1,222.61	1,478.41	1,734.20	1,989.99	2,245.78	2,501.58	2,757.37	3,013.16	3,251.24		
1/2	205.02	460.57	716.36	972.15	1,227.94	1,483.74	1,739.53	1,995.32	2,251.11	2,506.90	2,762.70	3,018.49	3,253.69		
3/4	210.23	465.90	721.69	977.48	1,233.27	1,489.06	1,744.86	2,000.65	2,256.44	2,512.23	2,768.03	3,023.82	3,256.15		
10	215.43	471.23	727.02	982.81	1,238.60	1,494.39	1,750.19	2,005.98	2,261.77	2,517.56	2,773.35	3,029.15	3,258.60		
1/4	220.76	476.56	732.35	988.14	1,243.93	1,499.72	1,755.51	2,011.31	2,267.10	2,522.89	2,778.68	3,034.48	3,260.24		
1/2	226.09	481.88	737.68	993.47	1,249.26	1,505.05	1,760.84	2,016.64	2,272.43	2,528.22	2,784.01	3,039.80	3,261.88		
3/4	231.42	487.21	743.00	998.80	1,254.59	1,510.38	1,766.17	2,021.96	2,277.76	2,533.55	2,789.34	3,045.13	3,263.51		
11	236.75	492.54	748.33	1,004.13	1,259.92	1,515.71	1,771.50	2,027.29	2,283.09	2,538.88	2,794.67	3,050.46	3,265.15		
1/4	242.08	497.87	753.66	1,009.46	1,265.25	1,521.04	1,776.83	2,032.62	2,288.41	2,544.21	2,800.00	3,055.79	3,265.97		
1/2	247.41	503.20	758.99	1,014.78	1,270.58	1,526.37	1,782.16	2,037.95	2,293.74	2,549.54	2,805.33	3,061.12	3,266.79		
3/4	252.74	508.53	764.32	1,020.11	1,275.90	1,531.70	1,787.49	2,043.28	2,299.07	2,554.87	2,810.66	3,066.45	3,267.60		

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

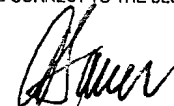
STRAPPED: 8/13/02

* CAPACITY BELOW STRIKE POINT

PORT REFERENCE GAUGE HEIGHT : 15'-2 3/4" (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 302" BUFFALO MARINE SERVICE

INNAGE TABLE

2 PORT OR STAR

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

HULL NO. 4425

	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	13.56	0	283.72	0	564.57	0	845.42	0	1,126.27	0	1,407.11	0	1,687.96	0	1,968.81	0	2,249.66	0	2,530.51	0	2,811.35	0	3,092.20	0	3,373.05	0	3,653.90	0	3,934.75	0	4,215.60
1/4	17.72	1/4	289.57	1/4	570.42	1/4	851.27	1/4	1,132.12	1/4	1,412.97	1/4	1,693.81	1/4	1,974.66	1/4	2,255.51	1/4	2,536.36	1/4	2,817.21	1/4	3,098.05	1/4	3,378.90	1/4	3,659.75	1/4	3,940.60	1/4	4,221.45
1/2	21.89	1/2	295.42	1/2	576.27	1/2	857.12	1/2	1,137.97	1/2	1,418.82	1/2	1,699.66	1/2	1,980.51	1/2	2,261.36	1/2	2,542.21	1/2	2,823.06	1/2	3,103.90	1/2	3,384.75	1/2	3,665.60	1/2	3,946.45	1/2	4,227.30
3/4	26.05	3/4	301.28	3/4	582.12	3/4	862.97	3/4	1,143.82	3/4	1,424.67	3/4	1,705.52	3/4	1,986.36	3/4	2,267.21	3/4	2,548.06	3/4	2,828.91	3/4	3,109.76	3/4	3,390.60	3/4	3,671.45	3/4	3,952.30	3/4	4,233.15
1	30.22	1	307.13	1	587.97	1	868.82	1	1,149.67	1	1,430.52	1	1,711.37	1	1,992.21	1	2,273.06	1	2,553.91	1	2,834.76	1	3,115.61	1	3,396.45	1	3,677.30	1	3,958.15	1	4,239.00
1/4	35.64	1/4	312.98	1/4	593.83	1/4	874.67	1/4	1,155.52	1/4	1,436.37	1/4	1,717.22	1/4	1,998.07	1/4	2,278.91	1/4	2,559.76	1/4	2,840.61	1/4	3,121.46	1/4	3,402.31	1/4	3,683.15	1/4	3,964.00	1/4	4,244.85
1/2	41.06	1/2	318.83	1/2	599.68	1/2	880.52	1/2	1,161.37	1/2	1,442.22	1/2	1,723.07	1/2	2,003.92	1/2	2,284.76	1/2	2,565.61	1/2	2,846.46	1/2	3,127.31	1/2	3,408.16	1/2	3,689.00	1/2	3,970.85	1/2	4,251.70
3/4	46.90	3/4	324.68	3/4	605.53	3/4	886.38	3/4	1,167.22	3/4	1,448.07	3/4	1,728.92	3/4	2,009.77	3/4	2,290.62	3/4	2,571.46	3/4	2,852.31	3/4	3,133.16	3/4	3,414.01	3/4	3,694.85	3/4	3,975.70	3/4	4,256.55
2	52.74	2	330.53	2	611.38	2	892.23	2	1,173.07	2	1,453.92	2	1,734.77	2	2,015.62	2	2,296.47	2	2,577.31	2	2,858.16	2	3,139.01	2	3,419.86	2	3,700.70	2	3,981.55	2	4,262.40
1/4	58.58	1/4	336.38	1/4	617.23	1/4	898.08	1/4	1,178.93	1/4	1,459.77	1/4	1,740.62	1/4	2,021.47	1/4	2,302.32	1/4	2,583.17	1/4	2,864.01	1/4	3,144.86	1/4	3,425.71	1/4	3,706.55	1/4	3,987.40	1/4	4,268.25
1/2	64.41	1/2	342.23	1/2	623.08	1/2	903.93	1/2	1,184.78	1/2	1,465.62	1/2	1,746.47	1/2	2,027.32	1/2	2,308.17	1/2	2,589.02	1/2	2,869.86	1/2	3,150.71	1/2	3,431.56	1/2	3,712.30	1/2	3,993.15	1/2	4,274.00
3/4	70.25	3/4	348.08	3/4	628.93	3/4	909.78	3/4	1,190.63	3/4	1,471.48	3/4	1,752.32	3/4	2,033.17	3/4	2,314.02	3/4	2,594.87	3/4	2,875.72	3/4	3,156.56	3/4	3,437.41	3/4	3,719.00	3/4	3,999.65	3/4	4,281.30
3	76.09	3	353.93	3	634.78	3	915.63	3	1,196.43	3	1,477.33	3	1,758.17	3	2,039.02	3	2,319.87	3	2,600.72	3	2,881.57	3	3,162.41	3	3,443.26	3	3,724.85	3	3,996.20	3	4,278.55
1/4	81.93	1/4	359.79	1/4	640.63	1/4	921.48	1/4	1,202.33	1/4	1,483.18	1/4	1,764.03	1/4	2,044.87	1/4	2,325.72	1/4	2,606.57	1/4	2,887.42	1/4	3,168.27	1/4	3,449.11	1/4	3,730.75	1/4	3,993.15	1/4	4,275.00
1/2	87.77	1/2	365.64	1/2	646.48	1/2	927.33	1/2	1,208.18	1/2	1,489.03	1/2	1,769.88	1/2	2,050.72	1/2	2,331.57	1/2	2,612.42	1/2	2,893.27	1/2	3,174.12	1/2	3,454.96	1/2	3,736.60	1/2	3,999.00	1/2	4,282.75
3/4	93.60	3/4	371.49	3/4	652.34	3/4	933.18	3/4	1,214.03	3/4	1,494.88	3/4	1,775.73	3/4	2,056.58	3/4	2,337.42	3/4	2,618.27	3/4	2,899.12	3/4	3,179.97	3/4	3,461.81	3/4	3,744.45	3/4	3,996.00	3/4	4,281.75
4	99.44	4	377.34	4	658.19	4	939.03	4	1,219.88	4	1,500.73	4	1,781.58	4	2,062.43	4	2,343.27	4	2,624.12	4	2,904.97	4	3,185.82	4	3,466.67	4	3,749.31	4	3,993.15	4	4,278.55
1/4	105.17	1/4	383.19	1/4	664.04	1/4	944.89	1/4	1,225.73	1/4	1,506.58	1/4	1,787.43	1/4	2,068.28	1/4	2,349.13	1/4	2,629.97	1/4	2,910.82	1/4	3,191.67	1/4	3,472.52	1/4	3,754.06	1/4	3,996.00	1/4	4,281.75
1/2	110.90	1/2	389.04	1/2	669.89	1/2	950.74	1/2	1,231.58	1/2	1,512.43	1/2	1,793.28	1/2	2,074.13	1/2	2,354.98	1/2	2,635.82	1/2	2,916.67	1/2	3,197.52	1/2	3,478.37	1/2	3,760.91	1/2	3,996.00	1/2	4,281.75
3/4	116.63	3/4	394.89	3/4	675.74	3/4	956.59	3/4	1,237.44	3/4	1,518.28	3/4	1,799.13	3/4	2,079.98	3/4	2,360.83	3/4	2,641.68	3/4	2,922.52	3/4	3,203.37	3/4	3,484.22	3/4	3,767.66	3/4	3,996.00	3/4	4,281.75
5	122.35	5	400.74	5	681.59	5	962.44	5	1,243.29	5	1,524.13	5	1,804.98	5	2,085.83	5	2,366.68	5	2,647.53	5	2,928.37	5	3,209.22	5	3,490.07	5	3,771.81	5	3,996.00	5	4,281.75
1/4	128.08	1/4	406.59	1/4	687.44	1/4	968.29	1/4	1,249.14	1/4	1,529.99	1/4	1,810.83	1/4	2,091.68	1/4	2,372.53	1/4	2,653.38	1/4	2,934.23	1/4	3,215.07	1/4	3,495.92	1/4	3,777.76	1/4	3,996.00	1/4	4,281.75
1/2	133.81	1/2	412.44	1/2	693.29	1/2	974.14	1/2	1,254.99	1/2	1,535.84	1/2	1,816.68	1/2	2,097.53	1/2	2,378.38	1/2	2,659.23	1/2	2,940.08	1/2	3,220.92	1/2	3,501.77	1/2	3,783.51	1/2	3,996.00	1/2	4,281.75
3/4	139.54	3/4	418.30	3/4	699.14	3/4	979.99	3/4	1,260.84	3/4	1,541.69	3/4	1,822.54	3/4	2,103.38	3/4	2,384.23	3/4	2,665.08	3/4	2,945.93	3/4	3,226.78	3/4	3,507.62	3/4	3,790.16	3/4	3,996.00	3/4	4,281.75
6	145.27	6	424.15	6	704.99	6	985.84	6	1,266.69	6	1,547.54	6	1,828.39	6	2,109.23	6	2,390.08	6	2,670.93	6	2,951.78	6	3,232.63	6	3,513.47	6	3,796.01	6	3,996.00	6	4,281.75
1/4	150.99	1/4	430.00	1/4	710.85	1/4	991.69	1/4	1,272.54	1/4	1,553.39	1/4	1,834.24	1/4	2,115.09	1/4	2,395.93	1/4	2,676.78	1/4	2,957.63	1/4	3,238.48	1/4	3,518.88	1/4	3,781.42	1/4	3,996.00	1/4	4,281.75
1/2	156.72	1/2	435.85	1/2	716.70	1/2	997.54	1/2	1,278.39	1/2	1,559.24	1/2	1,840.09	1/2	2,120.94	1/2	2,401.78	1/2	2,682.63	1/2	2,963.48	1/2	3,244.33	1/2	3,524.28	1/2	3,784.22	1/2	3,996.00	1/2	4,281.75
3/4	162.45	3/4	441.70	3/4	722.55	3/4	1,003.40	3/4	1,284.24	3/4	1,565.09	3/4	1,845.94	3/4	2,126.79	3/4	2,407.64	3/4	2,688.48	3/4	2,969.33	3/4	3,250.18	3/4	3,529.68	3/4	3,786.12	3/4	3,996.00	3/4	4,281.75
7	168.18	7	447.55	7	728.40	7	1,009.25	7	1,290.09	7	1,570.94	7	1,851.79	7	2,132.64	7	2,413.49	7	2,694.33	7	2,975.18	7	3,256.03	7	3,535.08	7	3,796.01	7	3,996.00	7	4,281.75
1/4	173.91	1/4	453.40	1/4	734.25	1/4	1,015.10	1/4	1,295.95	1/4	1,576.79	1/4	1,857.64	1/4	2,138.49	1/4	2,419.34	1/4	2,700.19	1/4	2,981.03	1/4	3,261.88	1/4	3,539.58	1/4	3,781.42	1/4	3,996.00	1/4	4,281.75
1/2	179.63	1/2	459.25	1/2	740.10	1/2	1,020.95	1/2	1,301.80	1/2	1,582.64	1/2	1,863.49	1/2	2,144.34	1/2	2,425.19	1/2	2,706.04	1/2	2,986.88	1/2	3,267.73	1/2	3,544.08	1/2	3,786.12	1/2	3,996.00	1/2	4,281.75
3/4	185.36	3/4	465.10	3/4	745.95	3/4	1,026.80	3/4	1,307.65	3/4	1,588.50	3/4	1,869.34	3/4	2,150.19	3/4	2,431.04	3/4	2,711.89	3/4	2,992.74	3/4	3,273.58	3/4	3,548.58	3/4	3,791.46	3/4	3,996.00	3/4	4,281.75
8	191.09	8	470.95	8	751.80	8	1,032.65	8	1,313.50	8	1,594.35	8	1,875.19	8	2,156.04	8	2,436.89	8	2,717.74	8	2,998.59	8	3,279.43	8	3,553.08	8	3				



BARGE "BUFFALO 302" BUFFALO MARINE SERVICE

INNAGE TABLE

3 PORT OR STAR

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

HULL NO. 4425

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.					
N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N		
0	12.29	0	256.62	0	510.64	0	764.65	0	1,018.67	0	1,272.69	0	1,526.70	0	1,780.72	0	2,034.73	0	2,288.75	0	2,542.77	0	2,796.78	0	3,050.80	0	3,246.19	0	3,246.39	0	3,246.60		
1/4	16.06	1/4	261.91	1/4	515.93	1/4	769.95	1/4	1,023.96	1/4	1,277.98	1/4	1,531.99	1/4	1,786.01	1/4	2,040.03	1/4	2,294.04	1/4	2,548.06	1/4	2,802.07	1/4	3,056.09	1/4	3,246.39	1/4	3,246.60	1/4	3,246.60		
1/2	19.82	1/2	267.21	1/2	521.22	1/2	775.24	1/2	1,029.25	1/2	1,283.27	1/2	1,537.29	1/2	1,791.30	1/2	2,045.32	1/2	2,299.33	1/2	2,553.35	1/2	2,807.37	1/2	3,061.38	1/2	3,246.39	1/2	3,246.60	1/2	3,246.60	1/2	3,246.60
3/4	23.59	3/4	272.50	3/4	526.51	3/4	780.53	3/4	1,034.55	3/4	1,288.56	3/4	1,542.58	3/4	1,796.59	3/4	2,050.61	3/4	2,304.63	3/4	2,558.64	3/4	2,812.66	3/4	3,066.67	3/4	3,246.39	3/4	3,246.60	3/4	3,246.60	3/4	3,246.60
1	27.36	1	277.79	1	531.81	1	785.82	1	1,039.84	1	1,293.85	1	1,547.87	1	1,801.89	1	2,055.90	1	2,309.92	1	2,563.93	1	2,817.95	1	3,071.97	1	3,246.39	1	3,246.60	1	3,246.60	1	3,246.60
1/4	32.26	1/4	283.08	1/4	537.10	1/4	791.11	1/4	1,045.13	1/4	1,299.15	1/4	1,553.16	1/4	1,807.18	1/4	2,061.19	1/4	2,315.21	1/4	2,569.23	1/4	2,823.24	1/4	3,077.26	1/4	3,246.39	1/4	3,246.60	1/4	3,246.60	1/4	3,246.60
1/2	37.17	1/2	288.37	1/2	542.39	1/2	796.41	1/2	1,050.42	1/2	1,304.44	1/2	1,558.45	1/2	1,812.47	1/2	2,066.49	1/2	2,320.50	1/2	2,574.52	1/2	2,828.53	1/2	3,082.55	1/2	3,246.39	1/2	3,246.60	1/2	3,246.60	1/2	3,246.60
3/4	42.45	3/4	293.67	3/4	547.68	3/4	801.70	3/4	1,055.71	3/4	1,309.73	3/4	1,563.75	3/4	1,817.76	3/4	2,071.78	3/4	2,325.79	3/4	2,579.81	3/4	2,833.83	3/4	3,087.84	3/4	3,246.39	3/4	3,246.60	3/4	3,246.60	3/4	3,246.60
2	47.73	2	298.96	2	552.97	2	806.99	2	1,061.01	2	1,315.02	2	1,569.04	2	1,823.05	2	2,077.07	2	2,331.09	2	2,585.10	2	2,839.12	2	3,093.13	2	3,246.39	2	3,246.60	2	3,246.60	2	3,246.60
1/4	53.01	1/4	304.25	1/4	558.27	1/4	812.28	1/4	1,066.30	1/4	1,320.31	1/4	1,574.33	1/4	1,828.35	1/4	2,082.36	1/4	2,336.38	1/4	2,590.39	1/4	2,844.41	1/4	3,098.43	1/4	3,246.39	1/4	3,246.60	1/4	3,246.60	1/4	3,246.60
1/2	58.29	1/2	309.54	1/2	563.56	1/2	817.57	1/2	1,071.59	1/2	1,325.61	1/2	1,579.62	1/2	1,833.64	1/2	2,087.65	1/2	2,341.67	1/2	2,595.69	1/2	2,849.70	1/2	3,103.72	1/2	3,246.39	1/2	3,246.60	1/2	3,246.60	1/2	3,246.60
3/4	63.57	3/4	314.83	3/4	568.85	3/4	822.87	3/4	1,076.88	3/4	1,330.90	3/4	1,584.91	3/4	1,838.93	3/4	2,092.95	3/4	2,346.96	3/4	2,600.98	3/4	2,854.99	3/4	3,109.01	3/4	3,246.39	3/4	3,246.60	3/4	3,246.60	3/4	3,246.60
3	68.85	3	320.13	3	574.14	3	828.16	3	1,082.17	3	1,336.19	3	1,590.21	3	1,844.22	3	2,098.24	3	2,352.25	3	2,606.27	3	2,860.29	3	3,114.30	3	3,246.39	3	3,246.60	3	3,246.60	3	3,246.60
1/4	74.13	1/4	325.42	1/4	579.43	1/4	833.45	1/4	1,087.47	1/4	1,341.48	1/4	1,595.50	1/4	1,849.51	1/4	2,103.53	1/4	2,357.55	1/4	2,611.56	1/4	2,865.58	1/4	3,119.59	1/4	3,246.39	1/4	3,246.60	1/4	3,246.60	1/4	3,246.60
1/2	79.41	1/2	330.71	1/2	584.73	1/2	838.74	1/2	1,092.76	1/2	1,346.77	1/2	1,600.79	1/2	1,854.81	1/2	2,108.82	1/2	2,362.84	1/2	2,616.85	1/2	2,870.87	1/2	3,124.89	1/2	3,246.39	1/2	3,246.60	1/2	3,246.60	1/2	3,246.60
3/4	84.69	3/4	336.00	3/4	590.02	3/4	844.03	3/4	1,098.05	3/4	1,352.07	3/4	1,606.08	3/4	1,860.10	3/4	2,114.11	3/4	2,368.13	3/4	2,622.15	3/4	2,876.16	3/4	3,130.18	3/4	3,246.39	3/4	3,246.60	3/4	3,246.60	3/4	3,246.60
4	89.97	4	341.29	4	595.31	4	849.33	4	1,103.34	4	1,357.36	4	1,611.37	4	1,865.39	4	2,119.41	4	2,373.42	4	2,627.44	4	2,881.45	4	3,135.47	4	3,246.39	4	3,246.60	4	3,246.60	4	3,246.60
1/4	95.15	1/4	346.59	1/4	600.60	1/4	854.62	1/4	1,108.63	1/4	1,362.65	1/4	1,616.67	1/4	1,870.68	1/4	2,124.70	1/4	2,378.71	1/4	2,632.73	1/4	2,890.75	1/4	3,140.76	1/4	3,246.39	1/4	3,246.60	1/4	3,246.60	1/4	3,246.60
1/2	100.33	1/2	351.88	1/2	605.89	1/2	859.91	1/2	1,113.93	1/2	1,367.94	1/2	1,621.96	1/2	1,875.97	1/2	2,129.99	1/2	2,384.01	1/2	2,638.02	1/2	2,892.04	1/2	3,146.05	1/2	3,246.39	1/2	3,246.60	1/2	3,246.60	1/2	3,246.60
3/4	105.51	3/4	357.17	3/4	611.19	3/4	865.20	3/4	1,119.22	3/4	1,373.23	3/4	1,627.25	3/4	1,881.27	3/4	2,135.28	3/4	2,389.30	3/4	2,643.31	3/4	2,897.33	3/4	3,151.35	3/4	3,246.39	3/4	3,246.60	3/4	3,246.60	3/4	3,246.60
5	110.69	5	362.46	5	616.48	5	870.49	5	1,124.51	5	1,378.53	5	1,632.54	5	1,886.56	5	2,140.57	5	2,394.59	5	2,648.61	5	2,902.62	5	3,156.64	5	3,246.39	5	3,246.60	5	3,246.60	5	3,246.60
1/4	115.87	1/4	367.75	1/4	621.77	1/4	875.79	1/4	1,129.80	1/4	1,383.82	1/4	1,637.83	1/4	1,891.85	1/4	2,145.87	1/4	2,399.88	1/4	2,653.90	1/4	2,907.91	1/4	3,161.93	1/4	3,246.39	1/4	3,246.60	1/4	3,246.60	1/4	3,246.60
1/2	121.05	1/2	373.05	1/2	627.06	1/2	881.08	1/2	1,135.09	1/2	1,389.11	1/2	1,643.13	1/2	1,897.14	1/2	2,151.16	1/2	2,405.17	1/2	2,659.19	1/2	2,913.21	1/2	3,167.22	1/2	3,246.39	1/2	3,246.60	1/2	3,246.60	1/2	3,246.60
3/4	126.23	3/4	378.34	3/4	632.35	3/4	886.37	3/4	1,140.39	3/4	1,394.40	3/4	1,648.42	3/4	1,902.43	3/4	2,155.45	3/4	2,410.47	3/4	2,664.48	3/4	2,918.50	3/4	3,172.51	3/4	3,246.39	3/4	3,246.60	3/4	3,246.60	3/4	3,246.60
6	131.41	6	383.63	6	637.65	6	891.66	6	1,145.68	6	1,399.69	6	1,653.71	6	1,907.73	6	2,161.74	6	2,415.76	6	2,669.77	6	2,923.79	6	3,177.81	6	3,246.39	6	3,246.60	6	3,246.60	6	3,246.60
1/4	136.59	1/4	388.92	1/4	642.94	1/4	896.95	1/4	1,150.97	1/4	1,404.99	1/4	1,659.00	1/4	1,913.02	1/4	2,167.03	1/4	2,421.05	1/4	2,675.07	1/4	2,929.08	1/4	3,182.69	1/4	3,246.39	1/4	3,246.60	1/4	3,246.60	1/4	3,246.60
1/2	141.77	1/2	394.21	1/2	648.23	1/2	902.25	1/2	1,156.26	1/2	1,410.28	1/2	1,664.29	1/2	1,918.31	1/2	2,172.33	1/2	2,426.34	1/2	2,680.36	1/2	2,934.37	1/2	3,187.58	1/2	3,246.39	1/2	3,246.60	1/2	3,246.60	1/2	3,246.60
3/4	146.95	3/4	399.51	3/4	653.52	3/4	907.54	3/4	1,161.55	3/4	1,415.57	3/4	1,669.59	3/4	1,923.60	3/4	2,177.62	3/4	2,431.63	3/4	2,685.65	3/4	2,939.67	3/4	3,192.46	3/4	3,246.39	3/4	3,246.60	3/4	3,246.60	3/4	3,246.60
7	152.13	7	404.80	7	658.81	7	912.83	7	1,166.85	7	1,420.86	7	1,674.88	7	1,928.89	7	2,182.91	7	2,436.93	7	2,690.94	7	2,944.96	7	3,197.35	7	3,246.39	7	3,246.60	7	3,246.60	7	3,246.60
1/4	157.31	1/4	410.09	1/4	664.11	1/4	918.12	1/4	1,172.14	1/4	1,426.15	1/4	1,680.17	1/4	1,934.19	1/4	2,188.20	1/4	2,442.22	1/4	2,696.23	1/4	2,950.25	1/4	3,201.42	1/4	3,246.39	1/4	3,246.60	1/4	3,246.60	1/4	3,246.60
1/2	162.49	1/2	415.38	1/2	669.40	1/2	923.41	1/2	1,177.43	1/2	1,431.45	1/2	1,685.46	1/2	1,939.48	1/2	2,193.49	1/2	2,447.51	1/2	2,701.53	1/2	2,955.54	1/2	3,205.49	1/2	3,246.39	1/2	3,246.60	1/2	3,246.60	1/2	3,246.60
3/4	167.67	3/4	420.67	3/4	674.69	3/4	928.71	3/4	1,182.72	3/4	1,436.74	3/4	1,690.75	3/4	1,944.77	3/4	2,198.79	3/4	2,452.80	3/4	2,706.82	3/4	2,960.83	3/4	3,209.56	3/4	3,246.39	3/4	3,246.60	3/4	3,246.60	3/4	3,246.60
8	172.85	8	425.97																														



BARGE "BUFFALO 302" BUFFALO MARINE SERVICE

INNAGE TABLE

4 PORT OR STAR

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

HULL NO. 4425

N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.	N	10 FT.	N	11 FT.	N	12 FT.	N	13 FT.	N	14 FT.
0	5.58	0	112.54	0	223.29	0	334.36	0	445.43	0	556.50	0	667.58	0	778.65	0	889.72	0	1,000.79	0	1,092.33	0	1,118.92	0	1,145.36	0	1,165.67	0	1,185.98
1/4	7.23	1/4	114.84	1/4	225.60	1/4	336.67	1/4	447.75	1/4	558.82	1/4	669.89	1/4	780.96	1/4	892.03	1/4	1,003.11	1/4	1,094.65	1/4	1,121.12	1/4	1,147.57	1/4	1,167.88	1/4	1,188.19
1/2	8.89	1/2	117.15	1/2	227.92	1/2	338.99	1/2	450.06	1/2	561.13	1/2	672.20	1/2	783.28	1/2	894.35	1/2	1,005.42	1/2	1,096.96	1/2	1,123.43	1/2	1,149.88	1/2	1,170.19	1/2	1,190.50
3/4	10.54	3/4	119.45	3/4	230.23	3/4	341.30	3/4	452.37	3/4	563.45	3/4	674.52	3/4	785.59	3/4	896.66	3/4	1,007.73	3/4	1,099.27	3/4	1,125.74	3/4	1,152.19	3/4	1,172.50	3/4	1,192.81
1	12.20	1	121.76	1	232.54	1	343.62	1	454.69	1	565.76	1	676.83	1	787.90	1	898.98	1	1,010.05	1	1,094.67	1	1,121.12	1	1,147.57	1	1,167.88	1	1,188.19
1/4	14.35	1/4	124.07	1/4	234.86	1/4	345.93	1/4	457.00	1/4	568.07	1/4	679.15	1/4	790.22	1/4	901.29	1/4	1,012.36	1/4	1,095.22	1/4	1,121.67	1/4	1,148.12	1/4	1,168.43	1/4	1,188.74
1/2	16.50	1/2	126.37	1/2	237.17	1/2	348.24	1/2	459.32	1/2	570.39	1/2	681.46	1/2	792.53	1/2	903.60	1/2	1,014.68	1/2	1,097.57	1/2	1,123.88	1/2	1,150.33	1/2	1,170.64	1/2	1,190.95
3/4	18.81	3/4	128.68	3/4	239.49	3/4	350.56	3/4	461.63	3/4	572.70	3/4	683.77	3/4	794.85	3/4	905.92	3/4	1,016.99	3/4	1,099.83	3/4	1,126.09	3/4	1,152.60	3/4	1,172.91	3/4	1,193.22
2	21.13	2	130.98	2	241.80	2	352.87	2	463.94	2	575.02	2	686.09	2	797.16	2	908.23	2	1,019.30	2	1,096.88	2	1,123.32	2	1,149.77	2	1,169.08	2	1,189.39
1/4	23.44	1/4	133.29	1/4	244.11	1/4	355.19	1/4	466.26	1/4	577.33	1/4	688.40	1/4	799.47	1/4	910.55	1/4	1,021.62	1/4	1,097.43	1/4	1,123.87	1/4	1,150.32	1/4	1,170.63	1/4	1,190.94
1/2	25.76	1/2	135.60	1/2	246.43	1/2	357.50	1/2	468.57	1/2	579.64	1/2	690.72	1/2	801.79	1/2	912.86	1/2	1,023.93	1/2	1,097.98	1/2	1,124.43	1/2	1,150.87	1/2	1,171.18	1/2	1,191.49
3/4	28.07	3/4	137.90	3/4	248.74	3/4	359.81	3/4	470.89	3/4	581.96	3/4	693.03	3/4	804.10	3/4	915.17	3/4	1,026.25	3/4	1,098.53	3/4	1,124.98	3/4	1,151.42	3/4	1,171.73	3/4	1,192.04
3	30.38	3	140.21	3	251.06	3	362.13	3	473.20	3	584.27	3	695.34	3	806.42	3	917.49	3	1,028.56	3	1,099.08	3	1,125.53	3	1,151.98	3	1,172.29	3	1,192.60
1/4	32.70	1/4	142.51	1/4	253.37	1/4	364.44	1/4	475.51	1/4	586.59	1/4	697.66	1/4	808.73	1/4	919.80	1/4	1,030.87	1/4	1,099.63	1/4	1,126.08	1/4	1,152.53	1/4	1,172.84	1/4	1,193.15
1/2	35.01	1/2	144.82	1/2	255.68	1/2	366.76	1/2	477.83	1/2	588.90	1/2	699.97	1/2	811.04	1/2	922.12	1/2	1,033.19	1/2	1,100.18	1/2	1,126.63	1/2	1,153.08	1/2	1,173.39	1/2	1,193.70
3/4	37.33	3/4	147.13	3/4	258.00	3/4	369.07	3/4	480.14	3/4	591.21	3/4	702.29	3/4	813.36	3/4	924.43	3/4	1,035.50	3/4	1,100.73	3/4	1,127.18	3/4	1,153.63	3/4	1,174.14	3/4	1,194.45
4	39.64	4	149.43	4	260.31	4	371.38	4	482.46	4	593.53	4	704.60	4	815.67	4	926.74	4	1,037.82	4	1,101.28	4	1,127.73	4	1,154.18	4	1,174.49	4	1,194.80
1/4	41.89	1/4	151.74	1/4	262.63	1/4	373.70	1/4	484.77	1/4	595.84	1/4	706.91	1/4	817.99	1/4	929.06	1/4	1,040.13	1/4	1,101.83	1/4	1,128.28	1/4	1,154.73	1/4	1,175.04	1/4	1,195.35
1/2	44.13	1/2	154.04	1/2	264.94	1/2	376.01	1/2	487.08	1/2	598.16	1/2	709.23	1/2	820.30	1/2	931.37	1/2	1,042.44	1/2	1,102.39	1/2	1,128.83	1/2	1,155.28	1/2	1,175.59	1/2	1,195.90
3/4	46.38	3/4	156.35	3/4	267.25	3/4	378.33	3/4	489.40	3/4	600.47	3/4	711.54	3/4	822.61	3/4	933.69	3/4	1,044.76	3/4	1,102.94	3/4	1,129.38	3/4	1,155.83	3/4	1,176.14	3/4	1,196.45
5	48.62	5	158.66	5	269.57	5	380.64	5	491.71	5	602.78	5	713.86	5	824.93	5	936.00	5	1,047.07	5	1,103.49	5	1,129.94	5	1,156.38	5	1,176.69	5	1,197.00
1/4	50.87	1/4	160.95	1/4	271.88	1/4	382.95	1/4	494.03	1/4	605.10	1/4	716.17	1/4	827.24	1/4	938.31	1/4	1,049.39	1/4	1,104.04	1/4	1,130.49	1/4	1,156.93	1/4	1,177.24	1/4	1,197.55
1/2	53.12	1/2	163.27	1/2	274.20	1/2	385.27	1/2	496.34	1/2	607.41	1/2	718.48	1/2	829.56	1/2	940.63	1/2	1,051.70	1/2	1,104.59	1/2	1,131.04	1/2	1,157.49	1/2	1,177.74	1/2	1,198.05
3/4	55.36	3/4	165.57	3/4	276.51	3/4	387.58	3/4	498.65	3/4	609.73	3/4	720.80	3/4	831.87	3/4	942.94	3/4	1,054.01	3/4	1,105.14	3/4	1,131.59	3/4	1,158.04	3/4	1,178.29	3/4	1,198.60
6	57.61	6	167.88	6	278.82	6	389.90	6	500.97	6	612.04	6	723.11	6	834.18	6	945.26	6	1,056.33	6	1,105.69	6	1,132.14	6	1,158.59	6	1,178.60	6	1,198.91
1/4	59.85	1/4	170.19	1/4	281.14	1/4	392.21	1/4	503.28	1/4	614.35	1/4	725.43	1/4	836.50	1/4	947.57	1/4	1,058.51	1/4	1,106.24	1/4	1,132.69	1/4	1,159.10	1/4	1,178.91	1/4	1,199.22
1/2	62.10	1/2	172.49	1/2	283.45	1/2	394.52	1/2	505.60	1/2	616.67	1/2	727.74	1/2	838.81	1/2	949.88	1/2	1,060.68	1/2	1,106.79	1/2	1,133.24	1/2	1,159.60	1/2	1,179.11	1/2	1,199.42
3/4	64.35	3/4	174.80	3/4	285.77	3/4	396.84	3/4	507.91	3/4	618.98	3/4	730.05	3/4	841.13	3/4	952.20	3/4	1,062.86	3/4	1,107.34	3/4	1,133.79	3/4	1,160.11	3/4	1,179.62	3/4	1,199.73
7	66.59	7	177.10	7	288.08	7	399.15	7	510.22	7	621.30	7	732.37	7	843.44	7	954.51	7	1,065.04	7	1,107.90	7	1,134.34	7	1,160.62	7	1,179.93	7	1,199.84
1/4	68.84	1/4	179.41	1/4	290.39	1/4	401.47	1/4	512.54	1/4	623.61	1/4	734.68	1/4	845.75	1/4	956.83	1/4	1,066.95	1/4	1,108.45	1/4	1,134.89	1/4	1,161.04	1/4	1,180.14	1/4	1,200.15
1/2	71.08	1/2	181.72	1/2	292.71	1/2	403.78	1/2	514.85	1/2	625.92	1/2	737.00	1/2	848.07	1/2	959.14	1/2	1,068.85	1/2	1,109.00	1/2	1,135.45	1/2	1,161.47	1/2	1,180.58	1/2	1,200.26
3/4	73.33	3/4	184.02	3/4	295.02	3/4	406.09	3/4	517.17	3/4	628.24	3/4	739.31	3/4	850.38	3/4	961.45	3/4	1,070.76	3/4	1,109.55	3/4	1,136.00	3/4	1,161.89	3/4	1,180.67	3/4	1,200.37
8	75.58	8	186.33	8	297.34	8	408.41	8	519.48	8	630.55	8	741.62	8	852.70	8	963.77	8	1,072.67	8	1,110.10	8	1,136.55	8	1,162.31	8	1,180.98	8	1,200.48
1/4	77.89	1/4	188.63	1/4	299.65	1/4	410.72	1/4	521.79	1/4	632.87	1/4	743.94	1/4	855.01	1/4	966.08	1/4	1,074.30	1/4	1,110.65	1/4	1,137.10	1/4	1,162.65	1/4	1,181.09	1/4	1,200.59
1/2	80.20	1/2	190.94	1/2	301.96	1/2	413.04	1/2	524.11	1/2	635.18	1/2	746.25	1/2	857.32	1/2	968.40	1/2	1,075.94	1/2	1,111.20	1/2	1,137.65	1/2	1,162.99	1/2	1,181.40	1/2	1,200.70
3/4	82.52	3/4	193.25	3/4	304.28	3/4	415.35	3/4	526.42	3/4	637.49	3/4	748.57	3/4	859.64	3/4	970.71	3/4	1,077.58	3/4	1,111.75	3/4	1,138.20	3/4	1,163.33	3/4	1,181.71	3/4	1,200.81
9	84.83	9	195.55	9	306.59																								