



# BARGE "BUFFALO 405"

## BUFFALO MARINE SERVICE


HULL NO. 4446

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: 6/26/03 BY:   
INSPECTORATE AMERICA CORPORATION







BARGE "BUFFALO 405"
BUFFALO MARINE SERVICE

INNAGE TABLE

3 PORT OR STAR

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

HULL NO. 4446

Table with columns for height (0 FT. to 14 FT.) and corresponding capacity values. Includes a note at the bottom: CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

\* CAPACITY BELOW STRIKE POINT

PORT REFERENCE GAUGE HEIGHT: 15'-3 1/2" (RIM OF 8" DIA. HATCH LOCATED NEAR CENTER OF TANK)

STAR REFERENCE GAUGE HEIGHT: 15'-4" (RIM OF 8" DIA. HATCH LOCATED NEAR CENTER OF TANK)

STRAPPED: 6/26/03

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

Signature of Inspector

INSPECTORATE AMERICA CORPORATION





## BARGE "BUFFALO 405" BUFFALO MARINE SERVICE

### INNAGE TABLE

## 5 PORT OR STAR

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

HULL NO. 4446

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	12.24	0	202.90	0	399.89	0	596.89	0	793.88	0	990.87	0	1,187.86	0	1,384.85	0	1,581.85	0	1,778.84	0	1,961.16	0	2,099.69	0	2,238.17	0	2,341.90	0	
1/4	15.16	1/4	207.01	1/4	404.00	1/4	600.99	1/4	797.98	1/4	994.97	1/4	1,191.97	1/4	1,388.96	1/4	1,585.95	1/4	1,782.94	1/4	1,964.09	1/4	2,102.57	1/4	2,241.05	1/4	2,342.01	1/4	
1/2	18.08	1/2	211.11	1/2	408.10	1/2	605.09	1/2	802.09	1/2	999.08	1/2	1,196.07	1/2	1,393.06	1/2	1,590.05	1/2	1,787.05	1/2	1,966.98	1/2	2,105.46	1/2	2,243.94	1/2		1/2	
3/4	21.00	3/4	215.21	3/4	412.21	3/4	609.20	3/4	806.19	3/4	1,003.18	3/4	1,200.17	3/4	1,397.17	3/4	1,594.16	3/4	1,791.15	3/4	1,969.86	3/4	2,108.34	3/4	2,246.82	3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 6/26/03

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INSPECTORATE AMERICA CORPORATION



# BARGE "BUFFALO 405" BUFFALO MARINE SERVICE

## INNAGE TABLE

6 PORT OR STAR

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

HULL NO. 4446

	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	3.16	82.08	165.21	248.35	331.48	414.62	497.76	580.89	664.03	747.16	812.57				
1/4	3.89	83.81	166.94	250.08	333.22	416.35	499.49	582.62	665.76	748.90	812.84				
1/2	5.12	85.54	168.68	251.81	334.95	418.08	501.22	584.36	667.49	750.63	812.91				
3/4	6.35	87.27	170.41	253.54	336.68	419.82	502.95	586.09	669.22	752.36	812.97				
1	7.58	89.00	172.14	255.28	338.41	421.55	504.68	587.82	670.96	754.09					
1/4	8.81	90.74	173.87	257.01	340.14	423.28	506.42	589.55	672.69	755.82					
1/2	10.41	92.47	175.60	258.74	341.88	425.01	508.15	591.28	674.42	757.56					
3/4	12.01	94.20	177.34	260.47	343.61	426.74	509.88	593.02	676.15	759.29					
2	13.73	95.93	179.07	262.20	345.34	428.48	511.61	594.75	677.88	761.02					
1/4	15.46	97.66	180.80	263.94	347.07	430.21	513.34	596.48	679.62	762.75					
1/2	17.18	99.40	182.53	265.67	348.80	431.94	515.08	598.21	681.35	764.48					
3/4	18.90	101.13	184.26	267.40	350.54	433.67	516.81	599.94	683.08	766.22					
3	20.63	102.86	186.00	269.13	352.27	435.40	518.54	601.68	684.81	767.95					
1/4	22.35	104.59	187.73	270.86	354.00	437.14	520.27	603.41	686.54	769.68					
1/2	24.08	106.32	189.46	272.60	355.73	438.87	522.00	605.14	688.28	771.41					
3/4	25.80	108.06	191.19	274.33	357.46	440.60	523.74	606.87	690.01	773.14					
4	27.52	109.79	192.92	276.06	359.20	442.33	525.47	608.60	691.74	774.88					
1/4	29.25	111.52	194.66	277.79	360.93	444.06	527.20	610.34	693.47	776.61					
1/2	30.94	113.25	196.39	279.52	362.66	445.80	528.93	612.07	695.20	778.34					
3/4	32.64	114.98	198.12	281.26	364.39	447.53	530.66	613.80	696.94	780.07					
5	34.34	116.72	199.85	282.99	366.12	449.26	532.40	615.53	698.67	781.80					
1/4	36.03	118.45	201.58	284.72	367.86	450.99	534.13	617.26	700.40	783.54					
1/2	37.73	120.18	203.32	286.45	369.59	452.72	535.86	619.00	702.13	785.27					
3/4	39.42	121.91	205.05	288.18	371.32	454.46	537.59	620.73	703.86	787.00					
6	41.12	123.64	206.78	289.92	373.05	456.19	539.32	622.46	705.60	788.73					
1/4	42.82	125.38	208.51	291.65	374.78	457.92	541.06	624.19	707.33	790.46					
1/2	44.51	127.11	210.24	293.38	376.52	459.65	542.79	625.92	709.06	792.06					
3/4	46.21	128.84	211.98	295.11	378.25	461.38	544.52	627.66	710.79	793.66					
7	47.90	130.57	213.71	296.84	379.98	463.12	546.25	629.39	712.52	795.26					
1/4	49.60	132.30	215.44	298.58	381.71	464.85	547.98	631.12	714.26	796.86					
1/2	51.30	134.04	217.17	300.31	383.44	466.58	549.72	632.85	715.99	798.19					
3/4	52.99	135.77	218.90	302.04	385.18	468.31	551.45	634.58	717.72	799.52					
8	54.69	137.50	220.64	303.77	386.91	470.04	553.18	636.32	719.45	800.85					
1/4	56.38	139.23	222.37	305.50	388.64	471.78	554.91	638.05	721.18	802.19					
1/2	58.08	140.96	224.10	307.24	390.37	473.51	556.64	639.78	722.92	803.25					
3/4	59.78	142.70	225.83	308.97	392.10	475.24	558.38	641.51	724.65	804.32					
9	61.47	144.43	227.56	310.70	393.84	476.97	560.11	643.24	726.38	805.39					
1/4	63.17	146.18	229.30	312.43	395.57	478.70	561.84	644.98	728.11	806.45					
1/2	64.88	147.89	231.03	314.16	397.30	480.44	563.57	646.71	729.84	807.25					
3/4	66.56	149.62	232.78	315.90	399.03	482.17	565.30	648.44	731.58	808.05					
10	68.26	151.38	234.49	317.63	400.76	483.90	567.04	650.17	733.31	808.85					
1/4	69.95	153.09	236.22	319.36	402.50	485.63	568.77	651.90	735.04	809.65					
1/2	71.68	154.82	237.96	321.09	404.23	487.36	570.50	653.64	736.77	810.18					
3/4	73.42	156.55	239.69	322.82	405.96	489.10	572.23	655.37	738.50	810.71					
11	75.15	158.28	241.42	324.56	407.69	490.83	573.98	657.10	740.24	811.24					
1/4	76.88	160.02	243.15	326.29	409.42	492.56	575.70	658.83	741.97	811.78					
1/2	78.81	161.75	244.88	328.02	411.16	494.29	577.43	660.56	743.70	812.04					
3/4	80.34	163.48	246.62	329.75	412.89	496.02	579.16	662.30	745.43	812.31					

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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