



BARGE "BUFFALO 404"

INNAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
1 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
4 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8
4 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8
5 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8
5 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 5'-00"
 DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-1/2"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 237'-00"

February 1, 2024

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "BUFFALO 404"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-10 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,049.92	0	2,269.72	0	2,487.42	0		0		0		0		0		0		0	
1/4	2,054.50	1/4	2,274.30	1/4	2,491.95	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,059.08	1/2	2,278.87	1/2	2,496.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,063.66	3/4	2,283.44	3/4	2,501.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,068.24	1	2,288.02	1	2,505.54	1		1		1		1		1		1		1	
1/4	2,072.82	1/4	2,292.57	1/4	2,510.06	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,077.40	1/2	2,297.12	1/2	2,514.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,081.98	3/4	2,301.67	3/4	2,519.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,086.55	2	2,306.22	2	2,523.65	2		2		2		2		2		2		2	
1/4	2,091.13	1/4	2,310.75	1/4	2,528.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,095.71	1/2	2,315.28	1/2	2,532.71	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,100.29	3/4	2,319.81	3/4	2,537.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,104.87	3	2,324.34	3	2,541.77	3		3		3		3		3		3		3	
1/4	2,109.45	1/4	2,328.87	1/4	2,546.30	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,114.03	1/2	2,333.40	1/2	2,550.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,118.61	3/4	2,337.93	3/4	2,555.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,123.19	4	2,342.46	4	2,559.89	4		4		4		4		4		4		4	
1/4	2,127.77	1/4	2,346.99	1/4	2,564.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,132.35	1/2	2,351.52	1/2	2,568.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,136.93	3/4	2,356.05	3/4	2,573.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,141.50	5	2,360.58	5	2,578.00	5		5		5		5		5		5		5	
1/4	2,146.08	1/4	2,365.11	1/4	2,582.52	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,150.66	1/2	2,369.64	1/2	2,587.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,155.24	3/4	2,374.17	3/4	2,591.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,159.82	6	2,378.70	6	2,596.09	6		6		6		6		6		6		6	
1/4	2,164.40	1/4	2,383.23	1/4	2,600.61	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,168.98	1/2	2,387.76	1/2	2,605.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,173.56	3/4	2,392.29	3/4	2,609.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,178.14	7	2,396.82	7	2,614.16	7		7		7		7		7		7		7	
1/4	2,182.72	1/4	2,401.35	1/4	2,618.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,187.30	1/2	2,405.88	1/2	2,623.16	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,191.88	3/4	2,410.41	3/4	2,627.66	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,196.46	8	2,414.94	8	2,632.15	8		8		8		8		8		8		8	
1/4	2,201.03	1/4	2,419.47	1/4	2,636.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,205.61	1/2	2,424.00	1/2	2,641.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,210.19	3/4	2,428.53	3/4	2,645.45	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,214.77	9	2,433.06	9	2,649.88	9		9		9		9		9		9		9	
1/4	2,219.35	1/4	2,437.59	1/4	2,654.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,223.93	1/2	2,442.12	1/2	2,658.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,228.51	3/4	2,446.65	3/4	2,662.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,233.09	10	2,451.18	10	2,666.51	10		10		10		10		10		10		10	
1/4	2,237.67	1/4	2,455.71	1/4	2,669.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,242.25	1/2	2,460.24	1/2	2,672.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,246.83	3/4	2,464.77	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,251.41	11	2,469.30	11		11		11		11		11		11		11		11	
1/4	2,255.98	1/4	2,473.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,260.56	1/2	2,478.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,265.14	3/4	2,482.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "BUFFALO 404"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,042.57	0	2,261.35	0	2,478.07	0		0		0		0		0		0		0	
1/4	2,047.13	1/4	2,265.91	1/4	2,482.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,051.68	1/2	2,270.47	1/2	2,487.09	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,056.24	3/4	2,275.03	3/4	2,491.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,060.80	1	2,279.59	1	2,496.11	1		1		1		1		1		1		1	
1/4	2,065.36	1/4	2,284.12	1/4	2,500.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,069.92	1/2	2,288.65	1/2	2,505.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,074.47	3/4	2,293.18	3/4	2,509.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,079.03	2	2,297.72	2	2,514.14	2		2		2		2		2		2		2	
1/4	2,083.59	1/4	2,302.22	1/4	2,518.65	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,088.15	1/2	2,306.73	1/2	2,523.16	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,092.71	3/4	2,311.24	3/4	2,527.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,097.26	3	2,315.75	3	2,532.18	3		3		3		3		3		3		3	
1/4	2,101.82	1/4	2,320.26	1/4	2,536.69	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,106.38	1/2	2,324.77	1/2	2,541.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,110.94	3/4	2,329.28	3/4	2,545.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,115.50	4	2,333.79	4	2,550.22	4		4		4		4		4		4		4	
1/4	2,120.05	1/4	2,338.30	1/4	2,554.72	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,124.61	1/2	2,342.80	1/2	2,559.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,129.17	3/4	2,347.31	3/4	2,563.74	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,133.73	5	2,351.82	5	2,568.25	5		5		5		5		5		5		5	
1/4	2,138.28	1/4	2,356.33	1/4	2,572.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,142.84	1/2	2,360.84	1/2	2,577.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,147.40	3/4	2,365.35	3/4	2,581.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,151.96	6	2,369.86	6	2,586.26	6		6		6		6		6		6		6	
1/4	2,156.52	1/4	2,374.37	1/4	2,590.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,161.07	1/2	2,378.88	1/2	2,595.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,165.63	3/4	2,383.38	3/4	2,599.74	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,170.19	7	2,387.89	7	2,604.24	7		7		7		7		7		7		7	
1/4	2,174.75	1/4	2,392.40	1/4	2,608.72	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,179.31	1/2	2,396.91	1/2	2,613.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,183.86	3/4	2,401.42	3/4	2,617.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,188.42	8	2,405.93	8	2,622.15	8		8		8		8		8		8		8	
1/4	2,192.98	1/4	2,410.44	1/4	2,626.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,197.54	1/2	2,414.95	1/2	2,630.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,202.10	3/4	2,419.46	3/4	2,635.38	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,206.65	9	2,423.96	9	2,639.79	9		9		9		9		9		9		9	
1/4	2,211.21	1/4	2,428.47	1/4	2,643.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,215.77	1/2	2,432.98	1/2	2,648.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,220.33	3/4	2,437.49	3/4	2,652.21	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,224.88	10	2,442.00	10	2,656.36	10		10		10		10		10		10		10	
1/4	2,229.44	1/4	2,446.51	1/4	2,659.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,234.00	1/2	2,451.02	1/2	2,662.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,238.56	3/4	2,455.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,243.12	11	2,460.04	11		11		11		11		11		11		11		11	
1/4	2,247.67	1/4	2,464.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,252.23	1/2	2,469.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,256.79	3/4	2,473.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 02/2024

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& ANALYSIS, INC.
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BARGE "BUFFALO 404"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,196.94	0	2,417.81	0	2,636.57	0		0		0		0		0		0		0	
1/4	2,201.54	1/4	2,422.40	1/4	2,641.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,206.14	1/2	2,427.00	1/2	2,645.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,210.74	3/4	2,431.60	3/4	2,650.23	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,215.34	1	2,436.19	1	2,654.78	1		1		1		1		1		1		1	
1/4	2,219.95	1/4	2,440.77	1/4	2,659.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,224.55	1/2	2,445.34	1/2	2,663.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,229.15	3/4	2,449.91	3/4	2,668.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,233.75	2	2,454.49	2	2,672.99	2		2		2		2		2		2		2	
1/4	2,238.35	1/4	2,459.04	1/4	2,677.54	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,242.95	1/2	2,463.59	1/2	2,682.09	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,247.55	3/4	2,468.14	3/4	2,686.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,252.16	3	2,472.70	3	2,691.20	3		3		3		3		3		3		3	
1/4	2,256.76	1/4	2,477.25	1/4	2,695.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,261.36	1/2	2,481.80	1/2	2,700.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,265.96	3/4	2,486.35	3/4	2,704.86	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,270.56	4	2,490.91	4	2,709.41	4		4		4		4		4		4		4	
1/4	2,275.16	1/4	2,495.46	1/4	2,713.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,279.76	1/2	2,500.01	1/2	2,718.51	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,284.37	3/4	2,504.56	3/4	2,723.06	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,288.97	5	2,509.11	5	2,727.61	5		5		5		5		5		5		5	
1/4	2,293.57	1/4	2,513.67	1/4	2,732.15	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,298.17	1/2	2,518.22	1/2	2,736.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,302.77	3/4	2,522.77	3/4	2,741.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,307.37	6	2,527.32	6	2,745.79	6		6		6		6		6		6		6	
1/4	2,311.97	1/4	2,531.87	1/4	2,750.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,316.58	1/2	2,536.43	1/2	2,754.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,321.18	3/4	2,540.98	3/4	2,759.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,325.78	7	2,545.53	7	2,763.94	7		7		7		7		7		7		7	
1/4	2,330.38	1/4	2,550.08	1/4	2,768.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,334.98	1/2	2,554.63	1/2	2,772.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,339.58	3/4	2,559.19	3/4	2,777.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,344.18	8	2,563.74	8	2,782.03	8		8		8		8		8		8		8	
1/4	2,348.78	1/4	2,568.29	1/4	2,786.48	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,353.39	1/2	2,572.84	1/2	2,790.94	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,357.99	3/4	2,577.39	3/4	2,795.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,362.59	9	2,581.95	9	2,799.84	9		9		9		9		9		9		9	
1/4	2,367.19	1/4	2,586.50	1/4	2,804.02	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,371.79	1/2	2,591.05	1/2	2,808.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,376.39	3/4	2,595.60	3/4	2,812.38	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,380.99	10	2,600.16	10	2,816.56	10		10		10		10		10		10		10	
1/4	2,385.60	1/4	2,604.71	1/4	2,819.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,390.20	1/2	2,609.26	1/2	2,822.94	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,394.80	3/4	2,613.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,399.40	11	2,618.36	11		11		11		11		11		11		11		11	
1/4	2,404.00	1/4	2,622.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,408.60	1/2	2,627.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,413.20	3/4	2,632.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,206.88	0	2,427.80	0	2,646.59	0		0		0		0		0		0		0	
1/4	2,211.48	1/4	2,432.39	1/4	2,651.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,216.08	1/2	2,436.98	1/2	2,655.70	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,220.68	3/4	2,441.58	3/4	2,660.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,225.29	1	2,446.17	1	2,664.80	1		1		1		1		1		1		1	
1/4	2,229.89	1/4	2,450.74	1/4	2,669.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,234.49	1/2	2,455.32	1/2	2,673.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,239.10	3/4	2,459.89	3/4	2,678.46	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,243.70	2	2,464.47	2	2,683.02	2		2		2		2		2		2		2	
1/4	2,248.30	1/4	2,469.02	1/4	2,687.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,252.90	1/2	2,473.57	1/2	2,692.12	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,257.51	3/4	2,478.13	3/4	2,696.67	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,262.11	3	2,482.68	3	2,701.23	3		3		3		3		3		3		3	
1/4	2,266.71	1/4	2,487.23	1/4	2,705.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,271.31	1/2	2,491.78	1/2	2,710.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,275.92	3/4	2,496.34	3/4	2,714.88	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,280.52	4	2,500.89	4	2,719.44	4		4		4		4		4		4		4	
1/4	2,285.12	1/4	2,505.44	1/4	2,723.99	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,289.72	1/2	2,510.00	1/2	2,728.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,294.33	3/4	2,514.55	3/4	2,733.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,298.93	5	2,519.10	5	2,737.64	5		5		5		5		5		5		5	
1/4	2,303.53	1/4	2,523.66	1/4	2,742.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,308.13	1/2	2,528.21	1/2	2,746.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,312.74	3/4	2,532.76	3/4	2,751.28	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,317.34	6	2,537.32	6	2,755.82	6		6		6		6		6		6		6	
1/4	2,321.94	1/4	2,541.87	1/4	2,760.36	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,326.54	1/2	2,546.42	1/2	2,764.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,331.15	3/4	2,550.98	3/4	2,769.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,335.75	7	2,555.53	7	2,773.98	7		7		7		7		7		7		7	
1/4	2,340.35	1/4	2,560.08	1/4	2,778.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,344.96	1/2	2,564.63	1/2	2,783.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,349.56	3/4	2,569.19	3/4	2,787.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,354.16	8	2,573.74	8	2,792.07	8		8		8		8		8		8		8	
1/4	2,358.76	1/4	2,578.29	1/4	2,796.52	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,363.37	1/2	2,582.85	1/2	2,800.98	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,367.97	3/4	2,587.40	3/4	2,805.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,372.57	9	2,591.95	9	2,809.88	9		9		9		9		9		9		9	
1/4	2,377.17	1/4	2,596.51	1/4	2,814.06	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,381.78	1/2	2,601.06	1/2	2,818.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,386.38	3/4	2,605.61	3/4	2,822.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,390.98	10	2,610.17	10	2,826.61	10		10		10		10		10		10		10	
1/4	2,395.58	1/4	2,614.72	1/4	2,829.79	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,400.19	1/2	2,619.27	1/2	2,832.98	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,404.79	3/4	2,623.82	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,409.39	11	2,628.38	11		11		11		11		11		11		11		11	
1/4	2,413.99	1/4	2,632.93	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,418.60	1/2	2,637.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,423.20	3/4	2,642.04	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/2"

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.
0	9.75	0	191.29	0	378.59	0	569.03	0	761.84	0	954.64	0	1,147.44	0	1,339.33	0	1,532.13	0	1,724.93
1/4	12.38	1/4	195.30	1/4	382.46	1/4	573.05	1/4	765.85	1/4	958.65	1/4	1,151.45	1/4	1,343.35	1/4	1,536.15	1/4	1,728.95
1/2	15.02	1/2	199.32	1/2	386.32	1/2	577.07	1/2	769.87	1/2	962.67	1/2	1,155.46	1/2	1,347.36	1/2	1,540.17	1/2	1,732.97
3/4	17.65	3/4	203.34	3/4	390.18	3/4	581.09	3/4	773.89	3/4	966.69	3/4	1,159.47	3/4	1,351.38	3/4	1,544.18	3/4	1,736.98
1	20.29	1	207.35	1	394.05	1	585.10	1	777.90	1	970.70	1	1,163.48	1	1,355.40	1	1,548.20	1	1,741.00
1/4	23.84	1/4	211.37	1/4	397.91	1/4	589.12	1/4	781.92	1/4	974.72	1/4	1,167.44	1/4	1,359.41	1/4	1,552.22	1/4	1,745.02
1/2	27.39	1/2	215.39	1/2	401.78	1/2	593.14	1/2	785.94	1/2	978.74	1/2	1,171.40	1/2	1,363.43	1/2	1,556.23	1/2	1,749.03
3/4	30.94	3/4	219.40	3/4	405.64	3/4	597.15	3/4	789.95	3/4	982.76	3/4	1,175.36	3/4	1,367.45	3/4	1,560.25	3/4	1,753.05
2	34.49	2	223.42	2	409.51	2	601.17	2	793.97	2	986.77	2	1,179.32	2	1,371.46	2	1,564.27	2	1,757.07
1/4	38.31	1/4	227.43	1/4	413.37	1/4	605.19	1/4	797.99	1/4	990.79	1/4	1,183.28	1/4	1,375.48	1/4	1,568.28	1/4	1,761.08
1/2	42.13	1/2	231.45	1/2	417.24	1/2	609.20	1/2	802.00	1/2	994.81	1/2	1,187.24	1/2	1,379.50	1/2	1,572.30	1/2	1,765.10
3/4	45.95	3/4	235.46	3/4	421.10	3/4	613.22	3/4	806.02	3/4	998.82	3/4	1,191.20	3/4	1,383.51	3/4	1,576.32	3/4	1,769.12
3	49.77	3	239.48	3	424.97	3	617.24	3	810.04	3	1,002.84	3	1,195.16	3	1,387.53	3	1,580.33	3	1,773.13
1/4	53.61	1/4	243.46	1/4	428.85	1/4	621.25	1/4	814.05	1/4	1,006.86	1/4	1,199.12	1/4	1,391.55	1/4	1,584.35	1/4	1,777.15
1/2	57.46	1/2	247.44	1/2	432.73	1/2	625.27	1/2	818.07	1/2	1,010.87	1/2	1,203.08	1/2	1,395.56	1/2	1,588.37	1/2	1,781.17
3/4	61.30	3/4	251.42	3/4	436.62	3/4	629.29	3/4	822.09	3/4	1,014.89	3/4	1,207.04	3/4	1,399.58	3/4	1,592.38	3/4	1,785.18
4	65.14	4	255.40	4	440.50	4	633.30	4	826.10	4	1,018.91	4	1,211.00	4	1,403.60	4	1,596.40	4	1,789.20
1/4	69.00	1/4	259.25	1/4	444.52	1/4	637.32	1/4	830.12	1/4	1,022.92	1/4	1,214.96	1/4	1,407.61	1/4	1,600.42	1/4	1,793.22
1/2	72.85	1/2	263.09	1/2	448.53	1/2	641.34	1/2	834.14	1/2	1,026.94	1/2	1,218.93	1/2	1,411.63	1/2	1,604.43	1/2	1,797.23
3/4	76.70	3/4	266.94	3/4	452.55	3/4	645.35	3/4	838.15	3/4	1,030.96	3/4	1,222.90	3/4	1,415.65	3/4	1,608.45	3/4	1,801.25
5	80.56	5	270.79	5	456.57	5	649.37	5	842.17	5	1,034.97	5	1,226.86	5	1,419.66	5	1,612.47	5	1,805.27
1/4	84.42	1/4	274.64	1/4	460.58	1/4	653.39	1/4	846.19	1/4	1,038.99	1/4	1,230.88	1/4	1,423.68	1/4	1,616.48	1/4	1,809.28
1/2	88.28	1/2	278.48	1/2	464.60	1/2	657.40	1/2	850.20	1/2	1,043.01	1/2	1,234.90	1/2	1,427.70	1/2	1,620.50	1/2	1,813.30
3/4	92.15	3/4	282.33	3/4	468.62	3/4	661.42	3/4	854.22	3/4	1,047.02	3/4	1,238.91	3/4	1,431.72	3/4	1,624.52	3/4	1,817.32
6	96.01	6	286.18	6	472.63	6	665.44	6	858.24	6	1,051.04	6	1,242.93	6	1,435.73	6	1,628.53	6	1,821.33
1/4	99.87	1/4	290.02	1/4	476.65	1/4	669.45	1/4	862.25	1/4	1,055.06	1/4	1,246.95	1/4	1,439.75	1/4	1,632.55	1/4	1,825.35
1/2	103.74	1/2	293.87	1/2	480.67	1/2	673.47	1/2	866.27	1/2	1,059.07	1/2	1,250.96	1/2	1,443.77	1/2	1,636.57	1/2	1,829.37
3/4	107.61	3/4	297.72	3/4	484.68	3/4	677.49	3/4	870.29	3/4	1,063.09	3/4	1,254.98	3/4	1,447.78	3/4	1,640.58	3/4	1,833.38
7	111.47	7	301.57	7	488.70	7	681.50	7	874.30	7	1,067.11	7	1,259.00	7	1,451.80	7	1,644.60	7	1,837.40
1/4	115.36	1/4	305.41	1/4	492.72	1/4	685.52	1/4	878.32	1/4	1,071.12	1/4	1,263.01	1/4	1,455.82	1/4	1,648.62	1/4	1,841.42
1/2	119.25	1/2	309.26	1/2	496.73	1/2	689.54	1/2	882.34	1/2	1,075.14	1/2	1,267.03	1/2	1,459.83	1/2	1,652.63	1/2	1,845.44
3/4	123.13	3/4	313.11	3/4	500.75	3/4	693.55	3/4	886.35	3/4	1,079.16	3/4	1,271.05	3/4	1,463.85	3/4	1,656.65	3/4	1,849.45
8	127.02	8	316.96	8	504.77	8	697.57	8	890.37	8	1,083.17	8	1,275.06	8	1,467.87	8	1,660.67	8	1,853.47
1/4	131.04	1/4	320.80	1/4	508.78	1/4	701.59	1/4	894.39	1/4	1,087.19	1/4	1,279.08	1/4	1,471.88	1/4	1,664.68	1/4	1,857.49
1/2	135.05	1/2	324.65	1/2	512.80	1/2	705.60	1/2	898.40	1/2	1,091.21	1/2	1,283.10	1/2	1,475.90	1/2	1,668.70	1/2	1,861.50
3/4	139.07	3/4	328.50	3/4	516.82	3/4	709.62	3/4	902.42	3/4	1,095.22	3/4	1,287.11	3/4	1,479.92	3/4	1,672.72	3/4	1,865.52
9	143.09	9	332.35	9	520.83	9	713.64	9	906.44	9	1,099.24	9	1,291.13	9	1,483.93	9	1,676.73	9	1,869.54
1/4	147.10	1/4	336.19	1/4	524.85	1/4	717.65	1/4	910.45	1/4	1,103.26	1/4	1,295.15	1/4	1,487.95	1/4	1,680.75	1/4	1,873.55
1/2	151.12	1/2	340.04	1/2	528.87	1/2	721.67	1/2	914.47	1/2	1,107.27	1/2	1,299.16	1/2	1,491.97	1/2	1,684.77	1/2	1,877.57
3/4	155.14	3/4	343.89	3/4	532.88	3/4	725.69	3/4	918.49	3/4	1,111.29	3/4	1,303.18	3/4	1,495.98	3/4	1,688.78	3/4	1,881.59
10	159.15	10	347.74	10	536.90	10	729.70	10	922.50	10	1,115.31	10	1,307.20	10	1,500.00	10	1,692.80	10	1,885.60
1/4	163.17	1/4	351.59	1/4	540.92	1/4	733.72	1/4	926.52	1/4	1,119.32	1/4	1,311.21	1/4	1,504.02	1/4	1,696.82	1/4	1,889.62
1/2	167.19	1/2	355.43	1/2	544.93	1/2	737.74	1/2	930.54	1/2	1,123.34	1/2	1,315.23	1/2	1,508.03	1/2	1,700.83	1/2	1,893.64
3/4	171.20	3/4	359.28	3/4	548.95	3/4	741.75	3/4	934.55	3/4	1,127.36	3/4	1,319.25	3/4	1,512.05	3/4	1,704.85	3/4	1,897.65
11	175.22	11	363.13	11	552.97	11	745.77	11	938.57	11	1,131.37	11	1,323.26	11	1,516.07	11	1,708.87	11	1,901.67
1/4	179.24	1/4	367.00	1/4	556.98	1/4	749.79	1/4	942.59	1/4	1,135.39	1/4	1,327.28	1/4	1,520.08	1/4	1,712.88	1/4	1,905.69
1/2	183.25	1/2	370.86	1/2	561.00	1/2	753.80	1/2	946.60	1/2	1,139.41	1/2	1,331.30	1/2	1,524.10	1/2	1,716.90	1/2	1,909.70
3/4	187.27	3/4	374.73	3/4	565.02	3/4	757.82	3/4	950.62	3/4	1,143.42	3/4	1,335.31	3/4	1,528.12	3/4	1,720.92	3/4	1,913.72

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER STANDPIPE.
 GAUGE POINT: (8" STANDPIPE) LOCATED 12'-08" OFF CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,917.74	0	2,110.54	0	2,301.25	0		0		0		0		0		0		0	
1/4	1,921.75	1/4	2,114.55	1/4	2,305.22	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,925.77	1/2	2,118.56	1/2	2,309.19	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,929.79	3/4	2,122.58	3/4	2,313.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1,933.80	1	2,126.59	1	2,317.12	1		1		1		1		1		1		1	
1/4	1,937.82	1/4	2,130.58	1/4	2,321.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,941.84	1/2	2,134.57	1/2	2,325.06	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,945.85	3/4	2,138.56	3/4	2,329.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	1,949.87	2	2,142.55	2	2,332.99	2		2		2		2		2		2		2	
1/4	1,953.89	1/4	2,146.52	1/4	2,336.96	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,957.90	1/2	2,150.48	1/2	2,340.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,961.92	3/4	2,154.45	3/4	2,344.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	1,965.94	3	2,158.42	3	2,348.86	3		3		3		3		3		3		3	
1/4	1,969.95	1/4	2,162.39	1/4	2,352.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,973.97	1/2	2,166.35	1/2	2,356.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,977.99	3/4	2,170.32	3/4	2,360.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	1,982.00	4	2,174.29	4	2,364.73	4		4		4		4		4		4		4	
1/4	1,986.02	1/4	2,178.26	1/4	2,368.70	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,990.04	1/2	2,182.22	1/2	2,372.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,994.05	3/4	2,186.19	3/4	2,376.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	1,998.07	5	2,190.16	5	2,380.60	5		5		5		5		5		5		5	
1/4	2,002.09	1/4	2,194.13	1/4	2,384.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,006.10	1/2	2,198.09	1/2	2,388.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,010.12	3/4	2,202.06	3/4	2,392.48	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,014.14	6	2,206.03	6	2,396.45	6		6		6		6		6		6		6	
1/4	2,018.15	1/4	2,210.00	1/4	2,400.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,022.17	1/2	2,213.96	1/2	2,404.36	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,026.19	3/4	2,217.93	3/4	2,408.31	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,030.20	7	2,221.90	7	2,412.27	7		7		7		7		7		7		7	
1/4	2,034.22	1/4	2,225.87	1/4	2,416.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,038.24	1/2	2,229.83	1/2	2,420.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,042.25	3/4	2,233.80	3/4	2,424.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,046.27	8	2,237.77	8	2,428.03	8		8		8		8		8		8		8	
1/4	2,050.29	1/4	2,241.74	1/4	2,431.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,054.30	1/2	2,245.71	1/2	2,435.78	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,058.32	3/4	2,249.67	3/4	2,439.66	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,062.34	9	2,253.64	9	2,443.53	9		9		9		9		9		9		9	
1/4	2,066.35	1/4	2,257.61	1/4	2,447.17	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,070.37	1/2	2,261.58	1/2	2,450.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,074.39	3/4	2,265.54	3/4	2,454.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,078.40	10	2,269.51	10	2,458.07	10		10		10		10		10		10		10	
1/4	2,082.42	1/4	2,273.48	1/4	2,460.84	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,086.44	1/2	2,277.45	1/2	2,463.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,090.45	3/4	2,281.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,094.47	11	2,285.38	11		11		11		11		11		11		11		11	
1/4	2,098.49	1/4	2,289.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,102.50	1/2	2,293.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,106.52	3/4	2,297.28	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
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BARGE "BUFFALO 404"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/2"

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.
0	9.76	0	191.69	0	382.42	0	575.03	0	768.22	0	961.42	0	1,154.61	0	1,347.81	0	1,541.00	0	1,734.20
1/4	12.40	1/4	195.71	1/4	386.40	1/4	579.05	1/4	772.25	1/4	965.44	1/4	1,158.64	1/4	1,351.83	1/4	1,545.03	1/4	1,738.22
1/2	15.05	1/2	199.74	1/2	390.39	1/2	583.08	1/2	776.27	1/2	969.47	1/2	1,162.66	1/2	1,355.86	1/2	1,549.05	1/2	1,742.25
3/4	17.69	3/4	203.76	3/4	394.38	3/4	587.10	3/4	780.30	3/4	973.49	3/4	1,166.69	3/4	1,359.88	3/4	1,553.08	3/4	1,746.27
1	20.33	1	207.79	1	398.37	1	591.13	1	784.32	1	977.52	1	1,170.71	1	1,363.91	1	1,557.10	1	1,750.30
1/4	23.88	1/4	211.81	1/4	402.35	1/4	595.15	1/4	788.35	1/4	981.54	1/4	1,174.74	1/4	1,367.93	1/4	1,561.13	1/4	1,754.32
1/2	27.44	1/2	215.83	1/2	406.34	1/2	599.18	1/2	792.37	1/2	985.57	1/2	1,178.76	1/2	1,371.96	1/2	1,565.15	1/2	1,758.35
3/4	31.00	3/4	219.86	3/4	410.33	3/4	603.20	3/4	796.40	3/4	989.59	3/4	1,182.79	3/4	1,375.98	3/4	1,569.18	3/4	1,762.37
2	34.56	2	223.88	2	414.31	2	607.23	2	800.42	2	993.62	2	1,186.81	2	1,380.01	2	1,573.20	2	1,766.40
1/4	38.39	1/4	227.90	1/4	418.30	1/4	611.25	1/4	804.45	1/4	997.64	1/4	1,190.84	1/4	1,384.03	1/4	1,577.23	1/4	1,770.42
1/2	42.22	1/2	231.92	1/2	422.29	1/2	615.28	1/2	808.47	1/2	1,001.67	1/2	1,194.86	1/2	1,388.06	1/2	1,581.25	1/2	1,774.45
3/4	46.05	3/4	235.94	3/4	426.28	3/4	619.30	3/4	812.50	3/4	1,005.69	3/4	1,198.89	3/4	1,392.08	3/4	1,585.28	3/4	1,778.47
3	49.87	3	239.96	3	430.26	3	623.33	3	816.52	3	1,009.72	3	1,202.91	3	1,396.11	3	1,589.30	3	1,782.50
1/4	53.73	1/4	243.94	1/4	434.25	1/4	627.35	1/4	820.55	1/4	1,013.74	1/4	1,206.94	1/4	1,400.13	1/4	1,593.33	1/4	1,786.52
1/2	57.58	1/2	247.92	1/2	438.25	1/2	631.38	1/2	824.57	1/2	1,017.77	1/2	1,210.96	1/2	1,404.16	1/2	1,597.35	1/2	1,790.55
3/4	61.43	3/4	251.90	3/4	442.24	3/4	635.40	3/4	828.60	3/4	1,021.79	3/4	1,214.99	3/4	1,408.18	3/4	1,601.38	3/4	1,794.57
4	65.28	4	255.88	4	446.23	4	639.43	4	832.62	4	1,025.82	4	1,219.01	4	1,412.21	4	1,605.40	4	1,798.60
1/4	69.14	1/4	259.81	1/4	450.26	1/4	643.45	1/4	836.65	1/4	1,029.84	1/4	1,223.04	1/4	1,416.23	1/4	1,609.43	1/4	1,802.62
1/2	73.00	1/2	263.73	1/2	454.28	1/2	647.48	1/2	840.67	1/2	1,033.87	1/2	1,227.06	1/2	1,420.26	1/2	1,613.45	1/2	1,806.65
3/4	76.87	3/4	267.66	3/4	458.31	3/4	651.50	3/4	844.70	3/4	1,037.89	3/4	1,231.09	3/4	1,424.28	3/4	1,617.48	3/4	1,810.67
5	80.73	5	271.59	5	462.33	5	655.53	5	848.72	5	1,041.92	5	1,235.11	5	1,428.31	5	1,621.50	5	1,814.70
1/4	84.60	1/4	275.51	1/4	466.36	1/4	659.55	1/4	852.75	1/4	1,045.94	1/4	1,239.14	1/4	1,432.33	1/4	1,625.53	1/4	1,818.72
1/2	88.47	1/2	279.44	1/2	470.38	1/2	663.58	1/2	856.77	1/2	1,049.97	1/2	1,243.16	1/2	1,436.36	1/2	1,629.55	1/2	1,822.75
3/4	92.34	3/4	283.37	3/4	474.41	3/4	667.60	3/4	860.80	3/4	1,053.99	3/4	1,247.19	3/4	1,440.38	3/4	1,633.58	3/4	1,826.77
6	96.21	6	287.30	6	478.43	6	671.63	6	864.82	6	1,058.02	6	1,251.21	6	1,444.41	6	1,637.60	6	1,830.80
1/4	100.08	1/4	291.23	1/4	482.46	1/4	675.65	1/4	868.85	1/4	1,062.04	1/4	1,255.24	1/4	1,448.43	1/4	1,641.63	1/4	1,834.82
1/2	103.96	1/2	295.16	1/2	486.48	1/2	679.68	1/2	872.87	1/2	1,066.07	1/2	1,259.26	1/2	1,452.46	1/2	1,645.65	1/2	1,838.85
3/4	107.83	3/4	299.09	3/4	490.51	3/4	683.70	3/4	876.90	3/4	1,070.09	3/4	1,263.29	3/4	1,456.48	3/4	1,649.68	3/4	1,842.87
7	111.71	7	303.02	7	494.53	7	687.73	7	880.92	7	1,074.12	7	1,267.31	7	1,460.51	7	1,653.70	7	1,846.90
1/4	115.60	1/4	306.97	1/4	498.55	1/4	691.75	1/4	884.95	1/4	1,078.14	1/4	1,271.34	1/4	1,464.53	1/4	1,657.73	1/4	1,850.92
1/2	119.50	1/2	310.92	1/2	502.58	1/2	695.77	1/2	888.97	1/2	1,082.17	1/2	1,275.36	1/2	1,468.56	1/2	1,661.75	1/2	1,854.95
3/4	123.40	3/4	314.87	3/4	506.60	3/4	699.80	3/4	893.00	3/4	1,086.19	3/4	1,279.39	3/4	1,472.58	3/4	1,665.78	3/4	1,858.97
8	127.29	8	318.82	8	510.63	8	703.82	8	897.02	8	1,090.22	8	1,283.41	8	1,476.61	8	1,669.80	8	1,863.00
1/4	131.32	1/4	322.79	1/4	514.65	1/4	707.85	1/4	901.04	1/4	1,094.24	1/4	1,287.44	1/4	1,480.63	1/4	1,673.83	1/4	1,867.02
1/2	135.34	1/2	326.76	1/2	518.68	1/2	711.87	1/2	905.07	1/2	1,098.26	1/2	1,291.46	1/2	1,484.66	1/2	1,677.85	1/2	1,871.05
3/4	139.36	3/4	330.73	3/4	522.70	3/4	715.90	3/4	909.09	3/4	1,102.29	3/4	1,295.48	3/4	1,488.68	3/4	1,681.88	3/4	1,875.07
9	143.39	9	334.70	9	526.73	9	719.92	9	913.12	9	1,106.31	9	1,299.51	9	1,492.71	9	1,685.90	9	1,879.10
1/4	147.41	1/4	338.67	1/4	530.75	1/4	723.95	1/4	917.14	1/4	1,110.34	1/4	1,303.53	1/4	1,496.73	1/4	1,689.93	1/4	1,883.12
1/2	151.44	1/2	342.64	1/2	534.78	1/2	727.97	1/2	921.17	1/2	1,114.36	1/2	1,307.56	1/2	1,500.75	1/2	1,693.95	1/2	1,887.15
3/4	155.46	3/4	346.61	3/4	538.80	3/4	732.00	3/4	925.19	3/4	1,118.39	3/4	1,311.58	3/4	1,504.78	3/4	1,697.97	3/4	1,891.17
10	159.49	10	350.58	10	542.83	10	736.02	10	929.22	10	1,122.41	10	1,315.61	10	1,508.80	10	1,702.00	10	1,895.20
1/4	163.51	1/4	354.55	1/4	546.85	1/4	740.05	1/4	933.24	1/4	1,126.44	1/4	1,319.63	1/4	1,512.83	1/4	1,706.02	1/4	1,899.22
1/2	167.54	1/2	358.52	1/2	550.88	1/2	744.07	1/2	937.27	1/2	1,130.46	1/2	1,323.66	1/2	1,516.85	1/2	1,710.05	1/2	1,903.24
3/4	171.56	3/4	362.50	3/4	554.90	3/4	748.10	3/4	941.29	3/4	1,134.49	3/4	1,327.68	3/4	1,520.88	3/4	1,714.07	3/4	1,907.27
11	175.59	11	366.47	11	558.93	11	752.12	11	945.32	11	1,138.51	11	1,331.71	11	1,524.90	11	1,718.10	11	1,911.29
1/4	179.61	1/4	370.46	1/4	562.95	1/4	756.15	1/4	949.34	1/4	1,142.54	1/4	1,335.73	1/4	1,528.93	1/4	1,722.12	1/4	1,915.32
1/2	183.64	1/2	374.44	1/2	566.98	1/2	760.17	1/2	953.37	1/2	1,146.56	1/2	1,339.76	1/2	1,532.95	1/2	1,726.15	1/2	1,919.34
3/4	187.66	3/4	378.43	3/4	571.00	3/4	764.20	3/4	957.39	3/4	1,150.59	3/4	1,343.78	3/4	1,536.98	3/4	1,730.17	3/4	1,923.37

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER STANDPIPE.
 GAUGE POINT: (8" STANDPIPE) LOCATED 12'-08" OFF CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "BUFFALO 404"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,927.39	0	2,120.59	0	2,311.69	0		0		0		0		0		0		0	
1/4	1,931.42	1/4	2,124.61	1/4	2,315.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,935.44	1/2	2,128.63	1/2	2,319.64	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,939.47	3/4	2,132.65	3/4	2,323.61	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1,943.49	1	2,136.67	1	2,327.59	1		1		1		1		1		1		1	
1/4	1,947.52	1/4	2,140.66	1/4	2,331.57	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,951.54	1/2	2,144.66	1/2	2,335.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,955.57	3/4	2,148.66	3/4	2,339.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	1,959.59	2	2,152.65	2	2,343.49	2		2		2		2		2		2		2	
1/4	1,963.62	1/4	2,156.63	1/4	2,347.47	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,967.64	1/2	2,160.61	1/2	2,351.44	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,971.67	3/4	2,164.58	3/4	2,355.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	1,975.69	3	2,168.56	3	2,359.40	3		3		3		3		3		3		3	
1/4	1,979.72	1/4	2,172.53	1/4	2,363.37	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,983.74	1/2	2,176.51	1/2	2,367.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,987.77	3/4	2,180.49	3/4	2,371.32	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	1,991.79	4	2,184.46	4	2,375.30	4		4		4		4		4		4		4	
1/4	1,995.82	1/4	2,188.44	1/4	2,379.27	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,999.84	1/2	2,192.41	1/2	2,383.24	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,003.87	3/4	2,196.39	3/4	2,387.22	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,007.89	5	2,200.36	5	2,391.19	5		5		5		5		5		5		5	
1/4	2,011.92	1/4	2,204.34	1/4	2,395.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,015.94	1/2	2,208.32	1/2	2,399.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,019.97	3/4	2,212.29	3/4	2,403.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,023.99	6	2,216.27	6	2,407.07	6		6		6		6		6		6		6	
1/4	2,028.02	1/4	2,220.24	1/4	2,411.03	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,032.04	1/2	2,224.22	1/2	2,415.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,036.07	3/4	2,228.19	3/4	2,418.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,040.09	7	2,232.17	7	2,422.92	7		7		7		7		7		7		7	
1/4	2,044.12	1/4	2,236.15	1/4	2,426.87	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,048.14	1/2	2,240.12	1/2	2,430.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,052.17	3/4	2,244.10	3/4	2,434.77	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,056.19	8	2,248.07	8	2,438.72	8		8		8		8		8		8		8	
1/4	2,060.22	1/4	2,252.05	1/4	2,442.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,064.24	1/2	2,256.03	1/2	2,446.49	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,068.27	3/4	2,260.00	3/4	2,450.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,072.29	9	2,263.98	9	2,454.25	9		9		9		9		9		9		9	
1/4	2,076.32	1/4	2,267.95	1/4	2,457.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,080.34	1/2	2,271.93	1/2	2,461.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,084.37	3/4	2,275.90	3/4	2,465.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,088.39	10	2,279.88	10	2,468.82	10		10		10		10		10		10		10	
1/4	2,092.42	1/4	2,283.86	1/4	2,471.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,096.44	1/2	2,287.83	1/2	2,474.37	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,100.46	3/4	2,291.81	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,104.49	11	2,295.78	11		11		11		11		11		11		11		11	
1/4	2,108.51	1/4	2,299.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,112.54	1/2	2,303.74	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,116.56	3/4	2,307.71	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
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BARGE "BUFFALO 404"

4 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/4"

Table with 17 columns representing gauge heights from 0 FT. to 9 FT. and 17 rows representing barge heights from 0 to 11. Each cell contains capacity values for different gauge heights (0, 1/4, 1/2, 3/4).

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7. CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL. CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK. CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER STANDPIPE. GAUGE POINT: (8" STANDPIPE) LOCATED 12'-08" OFF CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

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BARGE "BUFFALO 404"

4 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,198.22	0	2,419.22	0	2,638.12	0		0		0		0		0		0		0	
1/4	2,202.82	1/4	2,423.82	1/4	2,642.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,207.43	1/2	2,428.42	1/2	2,647.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,212.03	3/4	2,433.02	3/4	2,651.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,216.64	1	2,437.62	1	2,656.34	1		1		1		1		1		1		1	
1/4	2,221.24	1/4	2,442.20	1/4	2,660.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,225.84	1/2	2,446.77	1/2	2,665.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,230.45	3/4	2,451.35	3/4	2,670.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,235.05	2	2,455.93	2	2,674.56	2		2		2		2		2		2		2	
1/4	2,239.66	1/4	2,460.48	1/4	2,679.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,244.26	1/2	2,465.04	1/2	2,683.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,248.86	3/4	2,469.59	3/4	2,688.22	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,253.47	3	2,474.15	3	2,692.78	3		3		3		3		3		3		3	
1/4	2,258.07	1/4	2,478.70	1/4	2,697.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,262.68	1/2	2,483.25	1/2	2,701.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,267.28	3/4	2,487.81	3/4	2,706.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,271.88	4	2,492.36	4	2,710.99	4		4		4		4		4		4		4	
1/4	2,276.49	1/4	2,496.92	1/4	2,715.55	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,281.09	1/2	2,501.47	1/2	2,720.10	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,285.70	3/4	2,506.03	3/4	2,724.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,290.30	5	2,510.58	5	2,729.20	5		5		5		5		5		5		5	
1/4	2,294.91	1/4	2,515.14	1/4	2,733.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,299.51	1/2	2,519.69	1/2	2,738.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,304.11	3/4	2,524.25	3/4	2,742.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,308.72	6	2,528.80	6	2,747.40	6		6		6		6		6		6		6	
1/4	2,313.32	1/4	2,533.36	1/4	2,751.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,317.93	1/2	2,537.91	1/2	2,756.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,322.53	3/4	2,542.47	3/4	2,761.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,327.13	7	2,547.02	7	2,765.56	7		7		7		7		7		7		7	
1/4	2,331.74	1/4	2,551.58	1/4	2,770.09	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,336.34	1/2	2,556.13	1/2	2,774.61	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,340.95	3/4	2,560.69	3/4	2,779.13	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,345.55	8	2,565.24	8	2,783.66	8		8		8		8		8		8		8	
1/4	2,350.15	1/4	2,569.80	1/4	2,788.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,354.76	1/2	2,574.35	1/2	2,792.57	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,359.36	3/4	2,578.91	3/4	2,797.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,363.97	9	2,583.46	9	2,801.48	9		9		9		9		9		9		9	
1/4	2,368.57	1/4	2,588.02	1/4	2,805.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,373.17	1/2	2,592.57	1/2	2,809.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,377.78	3/4	2,597.12	3/4	2,814.03	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,382.38	10	2,601.68	10	2,818.21	10		10		10		10		10		10		10	
1/4	2,386.99	1/4	2,606.23	1/4	2,821.40	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,391.59	1/2	2,610.79	1/2	2,824.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,396.20	3/4	2,615.34	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,400.80	11	2,619.90	11		11		11		11		11		11		11		11	
1/4	2,405.40	1/4	2,624.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,410.01	1/2	2,629.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,414.61	3/4	2,633.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

4 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11"

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.
0	11.14	0	218.72	0	431.75	0	648.99	0	869.44	0	1,089.88	0	1,310.33	0	1,530.77	0	1,751.22	0	1,971.66
1/4	14.16	1/4	223.31	1/4	436.13	1/4	653.59	1/4	874.03	1/4	1,094.48	1/4	1,314.92	1/4	1,535.37	1/4	1,755.81	1/4	1,976.26
1/2	17.17	1/2	227.90	1/2	440.52	1/2	658.18	1/2	878.62	1/2	1,099.07	1/2	1,319.51	1/2	1,539.96	1/2	1,760.40	1/2	1,980.85
3/4	20.18	3/4	232.50	3/4	444.91	3/4	662.77	3/4	883.22	3/4	1,103.66	3/4	1,324.11	3/4	1,544.55	3/4	1,765.00	3/4	1,985.44
1	23.20	1	237.09	1	449.29	1	667.36	1	887.81	1	1,108.25	1	1,328.70	1	1,549.14	1	1,769.59	1	1,990.03
1/4	27.26	1/4	241.68	1/4	453.68	1/4	671.96	1/4	892.40	1/4	1,112.85	1/4	1,333.29	1/4	1,553.74	1/4	1,774.18	1/4	1,994.63
1/2	31.31	1/2	246.27	1/2	458.07	1/2	676.55	1/2	896.99	1/2	1,117.44	1/2	1,337.88	1/2	1,558.33	1/2	1,778.77	1/2	1,999.22
3/4	35.37	3/4	250.87	3/4	462.45	3/4	681.14	3/4	901.59	3/4	1,122.03	3/4	1,342.48	3/4	1,562.92	3/4	1,783.37	3/4	2,003.81
2	39.43	2	255.46	2	466.84	2	685.73	2	906.18	2	1,126.62	2	1,347.07	2	1,567.51	2	1,787.96	2	2,008.40
1/4	43.80	1/4	260.05	1/4	471.22	1/4	690.33	1/4	910.77	1/4	1,131.22	1/4	1,351.66	1/4	1,572.11	1/4	1,792.55	1/4	2,013.00
1/2	48.17	1/2	264.64	1/2	475.61	1/2	694.92	1/2	915.36	1/2	1,135.81	1/2	1,356.25	1/2	1,576.70	1/2	1,797.14	1/2	2,017.59
3/4	52.54	3/4	269.23	3/4	480.00	3/4	699.51	3/4	919.96	3/4	1,140.40	3/4	1,360.85	3/4	1,581.29	3/4	1,801.74	3/4	2,022.18
3	56.91	3	273.82	3	484.38	3	704.10	3	924.55	3	1,144.99	3	1,365.44	3	1,585.88	3	1,806.33	3	2,026.77
1/4	61.30	1/4	278.36	1/4	488.79	1/4	708.70	1/4	929.14	1/4	1,149.59	1/4	1,370.03	1/4	1,590.48	1/4	1,810.92	1/4	2,031.37
1/2	65.70	1/2	282.90	1/2	493.21	1/2	713.29	1/2	933.73	1/2	1,154.18	1/2	1,374.62	1/2	1,595.07	1/2	1,815.51	1/2	2,035.96
3/4	70.09	3/4	287.45	3/4	497.62	3/4	717.88	3/4	938.33	3/4	1,158.77	3/4	1,379.22	3/4	1,599.66	3/4	1,820.11	3/4	2,040.55
4	74.49	4	291.99	4	502.03	4	722.48	4	942.92	4	1,163.36	4	1,383.81	4	1,604.25	4	1,824.70	4	2,045.14
1/4	78.89	1/4	296.35	1/4	506.62	1/4	727.07	1/4	947.51	1/4	1,167.96	1/4	1,388.40	1/4	1,608.85	1/4	1,829.29	1/4	2,049.74
1/2	83.30	1/2	300.71	1/2	511.22	1/2	731.66	1/2	952.11	1/2	1,172.55	1/2	1,392.99	1/2	1,613.44	1/2	1,833.88	1/2	2,054.33
3/4	87.71	3/4	305.07	3/4	515.81	3/4	736.25	3/4	956.70	3/4	1,177.14	3/4	1,397.59	3/4	1,618.03	3/4	1,838.48	3/4	2,058.92
5	92.11	5	309.43	5	520.40	5	740.85	5	961.29	5	1,181.74	5	1,402.18	5	1,622.62	5	1,843.07	5	2,063.51
1/4	96.53	1/4	313.79	1/4	524.99	1/4	745.44	1/4	965.88	1/4	1,186.33	1/4	1,406.77	1/4	1,627.22	1/4	1,847.66	1/4	2,068.11
1/2	100.95	1/2	318.15	1/2	529.59	1/2	750.03	1/2	970.48	1/2	1,190.92	1/2	1,411.37	1/2	1,631.81	1/2	1,852.25	1/2	2,072.70
3/4	105.36	3/4	322.51	3/4	534.18	3/4	754.62	3/4	975.07	3/4	1,195.51	3/4	1,415.96	3/4	1,636.40	3/4	1,856.85	3/4	2,077.29
6	109.78	6	326.87	6	538.77	6	759.22	6	979.66	6	1,200.11	6	1,420.55	6	1,641.00	6	1,861.44	6	2,081.88
1/4	114.20	1/4	331.23	1/4	543.36	1/4	763.81	1/4	984.25	1/4	1,204.70	1/4	1,425.14	1/4	1,645.59	1/4	1,866.03	1/4	2,086.48
1/2	118.62	1/2	335.59	1/2	547.96	1/2	768.40	1/2	988.85	1/2	1,209.29	1/2	1,429.74	1/2	1,650.18	1/2	1,870.63	1/2	2,091.07
3/4	123.04	3/4	339.95	3/4	552.55	3/4	772.99	3/4	993.44	3/4	1,213.88	3/4	1,434.33	3/4	1,654.77	3/4	1,875.22	3/4	2,095.66
7	127.46	7	344.31	7	557.14	7	777.59	7	998.03	7	1,218.48	7	1,438.92	7	1,659.37	7	1,879.81	7	2,100.26
1/4	131.91	1/4	348.67	1/4	561.73	1/4	782.18	1/4	1,002.62	1/4	1,223.07	1/4	1,443.51	1/4	1,663.96	1/4	1,884.40	1/4	2,104.85
1/2	136.35	1/2	353.04	1/2	566.33	1/2	786.77	1/2	1,007.22	1/2	1,227.66	1/2	1,448.11	1/2	1,668.55	1/2	1,889.00	1/2	2,109.44
3/4	140.80	3/4	357.40	3/4	570.92	3/4	791.36	3/4	1,011.81	3/4	1,232.25	3/4	1,452.70	3/4	1,673.14	3/4	1,893.59	3/4	2,114.03
8	145.24	8	361.77	8	575.51	8	795.96	8	1,016.40	8	1,236.85	8	1,457.29	8	1,677.74	8	1,898.18	8	2,118.63
1/4	149.83	1/4	366.14	1/4	580.10	1/4	800.55	1/4	1,020.99	1/4	1,241.44	1/4	1,461.88	1/4	1,682.33	1/4	1,902.77	1/4	2,123.22
1/2	154.43	1/2	370.50	1/2	584.70	1/2	805.14	1/2	1,025.59	1/2	1,246.03	1/2	1,466.48	1/2	1,686.92	1/2	1,907.37	1/2	2,127.81
3/4	159.02	3/4	374.87	3/4	589.29	3/4	809.73	3/4	1,030.18	3/4	1,250.62	3/4	1,471.07	3/4	1,691.51	3/4	1,911.96	3/4	2,132.40
9	163.61	9	379.24	9	593.88	9	814.33	9	1,034.77	9	1,255.22	9	1,475.66	9	1,696.11	9	1,916.55	9	2,137.00
1/4	168.20	1/4	383.61	1/4	598.48	1/4	818.92	1/4	1,039.36	1/4	1,259.81	1/4	1,480.25	1/4	1,700.70	1/4	1,921.14	1/4	2,141.59
1/2	172.80	1/2	387.98	1/2	603.07	1/2	823.51	1/2	1,043.96	1/2	1,264.40	1/2	1,484.85	1/2	1,705.29	1/2	1,925.74	1/2	2,146.18
3/4	177.39	3/4	392.35	3/4	607.66	3/4	828.11	3/4	1,048.55	3/4	1,268.99	3/4	1,489.44	3/4	1,709.88	3/4	1,930.33	3/4	2,150.77
10	181.98	10	396.72	10	612.25	10	832.70	10	1,053.14	10	1,273.59	10	1,494.03	10	1,714.48	10	1,934.92	10	2,155.37
1/4	186.57	1/4	401.09	1/4	616.85	1/4	837.29	1/4	1,057.74	1/4	1,278.18	1/4	1,498.62	1/4	1,719.07	1/4	1,939.51	1/4	2,159.96
1/2	191.17	1/2	405.46	1/2	621.44	1/2	841.88	1/2	1,062.33	1/2	1,282.77	1/2	1,503.22	1/2	1,723.66	1/2	1,944.11	1/2	2,164.55
3/4	195.76	3/4	409.83	3/4	626.03	3/4	846.48	3/4	1,066.92	3/4	1,287.37	3/4	1,507.81	3/4	1,728.25	3/4	1,948.70	3/4	2,169.14
11	200.35	11	414.20	11	630.62	11	851.07	11	1,071.51	11	1,291.96	11	1,512.40	11	1,732.85	11	1,953.29	11	2,173.74
1/4	204.94	1/4	418.59	1/4	635.22	1/4	855.66	1/4	1,076.11	1/4	1,296.55	1/4	1,517.00	1/4	1,737.44	1/4	1,957.88	1/4	2,178.33
1/2	209.54	1/2	422.98	1/2	639.81	1/2	860.25	1/2	1,080.70	1/2	1,301.14	1/2	1,521.59	1/2	1,742.03	1/2	1,962.48	1/2	2,182.92
3/4	214.13	3/4	427.36	3/4	644.40	3/4	864.85	3/4	1,085.29	3/4	1,305.74	3/4	1,526.18	3/4	1,746.63	3/4	1,967.07	3/4	2,187.51

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER STANDPIPE.

GAUGE POINT: (8" STANDPIPE) LOCATED 12'-08" OFF CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>





BARGE "BUFFALO 404"

4 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,192.11	0	2,412.55	0	2,630.87	0		0		0		0		0		0		0	
1/4	2,196.70	1/4	2,417.13	1/4	2,635.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,201.29	1/2	2,421.71	1/2	2,639.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,205.89	3/4	2,426.30	3/4	2,644.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,210.48	1	2,430.88	1	2,649.05	1		1		1		1		1		1		1	
1/4	2,215.07	1/4	2,435.44	1/4	2,653.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,219.66	1/2	2,440.01	1/2	2,658.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,224.26	3/4	2,444.57	3/4	2,662.68	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,228.85	2	2,449.14	2	2,667.22	2		2		2		2		2		2		2	
1/4	2,233.44	1/4	2,453.68	1/4	2,671.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,238.03	1/2	2,458.22	1/2	2,676.31	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,242.63	3/4	2,462.77	3/4	2,680.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,247.22	3	2,467.31	3	2,685.39	3		3		3		3		3		3		3	
1/4	2,251.81	1/4	2,471.85	1/4	2,689.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,256.40	1/2	2,476.40	1/2	2,694.48	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,261.00	3/4	2,480.94	3/4	2,699.02	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,265.59	4	2,485.48	4	2,703.57	4		4		4		4		4		4		4	
1/4	2,270.18	1/4	2,490.03	1/4	2,708.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,274.77	1/2	2,494.57	1/2	2,712.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,279.37	3/4	2,499.11	3/4	2,717.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,283.96	5	2,503.66	5	2,721.74	5		5		5		5		5		5		5	
1/4	2,288.55	1/4	2,508.20	1/4	2,726.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,293.14	1/2	2,512.74	1/2	2,730.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,297.74	3/4	2,517.29	3/4	2,735.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,302.33	6	2,521.83	6	2,739.89	6		6		6		6		6		6		6	
1/4	2,306.92	1/4	2,526.38	1/4	2,744.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,311.51	1/2	2,530.92	1/2	2,748.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,316.11	3/4	2,535.46	3/4	2,753.48	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,320.70	7	2,540.01	7	2,758.01	7		7		7		7		7		7		7	
1/4	2,325.29	1/4	2,544.55	1/4	2,762.52	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,329.89	1/2	2,549.09	1/2	2,767.03	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,334.48	3/4	2,553.64	3/4	2,771.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,339.07	8	2,558.18	8	2,776.06	8		8		8		8		8		8		8	
1/4	2,343.66	1/4	2,562.72	1/4	2,780.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,348.26	1/2	2,567.27	1/2	2,784.95	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,352.85	3/4	2,571.81	3/4	2,789.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,357.44	9	2,576.35	9	2,793.84	9		9		9		9		9		9		9	
1/4	2,362.03	1/4	2,580.90	1/4	2,798.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,366.63	1/2	2,585.44	1/2	2,802.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,371.22	3/4	2,589.98	3/4	2,806.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,375.81	10	2,594.53	10	2,810.53	10		10		10		10		10		10		10	
1/4	2,380.40	1/4	2,599.07	1/4	2,813.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,385.00	1/2	2,603.61	1/2	2,816.89	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,389.59	3/4	2,608.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,394.18	11	2,612.70	11		11		11		11		11		11		11		11	
1/4	2,398.77	1/4	2,617.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,403.37	1/2	2,621.79	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,407.96	3/4	2,626.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

5 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

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.
0	7.45	0	201.59	0	416.02	0	636.48	0	858.11	0	1,078.54	0	1,299.70	0	1,520.50	0	1,742.28	0	1,964.06
1/4	9.25	1/4	206.21	1/4	420.48	1/4	641.10	1/4	862.73	1/4	1,083.13	1/4	1,304.23	1/4	1,525.12	1/4	1,746.90	1/4	1,968.68
1/2	11.05	1/2	210.83	1/2	424.94	1/2	645.71	1/2	867.35	1/2	1,087.71	1/2	1,308.77	1/2	1,529.74	1/2	1,751.52	1/2	1,973.30
3/4	12.84	3/4	215.45	3/4	429.40	3/4	650.33	3/4	871.96	3/4	1,092.30	3/4	1,313.31	3/4	1,534.36	3/4	1,756.14	3/4	1,977.92
1	14.64	1	220.07	1	433.86	1	654.95	1	876.58	1	1,096.89	1	1,317.84	1	1,538.98	1	1,760.76	1	1,982.54
1/4	17.24	1/4	224.66	1/4	438.35	1/4	659.57	1/4	881.19	1/4	1,101.48	1/4	1,322.38	1/4	1,543.60	1/4	1,765.38	1/4	1,987.16
1/2	19.84	1/2	229.24	1/2	442.83	1/2	664.18	1/2	885.81	1/2	1,106.07	1/2	1,326.91	1/2	1,548.22	1/2	1,770.00	1/2	1,991.78
3/4	22.43	3/4	233.83	3/4	447.31	3/4	668.80	3/4	890.42	3/4	1,110.67	3/4	1,331.45	3/4	1,552.84	3/4	1,774.62	3/4	1,996.40
2	25.03	2	238.41	2	451.79	2	673.42	2	895.04	2	1,115.26	2	1,335.98	2	1,557.46	2	1,779.24	2	2,001.02
1/4	28.41	1/4	242.86	1/4	456.41	1/4	678.04	1/4	899.62	1/4	1,119.88	1/4	1,340.53	1/4	1,562.08	1/4	1,783.86	1/4	2,005.64
1/2	31.80	1/2	247.30	1/2	461.02	1/2	682.65	1/2	904.21	1/2	1,124.50	1/2	1,345.07	1/2	1,566.70	1/2	1,788.48	1/2	2,010.26
3/4	35.18	3/4	251.75	3/4	465.64	3/4	687.27	3/4	908.80	3/4	1,129.12	3/4	1,349.62	3/4	1,571.32	3/4	1,793.10	3/4	2,014.87
3	38.56	3	256.20	3	470.26	3	691.89	3	913.39	3	1,133.74	3	1,354.17	3	1,575.94	3	1,797.72	3	2,019.49
1/4	42.67	1/4	260.64	1/4	474.87	1/4	696.50	1/4	917.97	1/4	1,138.36	1/4	1,358.79	1/4	1,580.56	1/4	1,802.34	1/4	2,024.11
1/2	46.77	1/2	265.08	1/2	479.49	1/2	701.12	1/2	922.56	1/2	1,142.98	1/2	1,363.41	1/2	1,585.19	1/2	1,806.96	1/2	2,028.73
3/4	50.88	3/4	269.53	3/4	484.11	3/4	705.74	3/4	927.15	3/4	1,147.60	3/4	1,368.03	3/4	1,589.81	3/4	1,811.58	3/4	2,033.35
4	54.98	4	273.97	4	488.73	4	710.36	4	931.74	4	1,152.22	4	1,372.65	4	1,594.43	4	1,816.21	4	2,037.97
1/4	59.43	1/4	278.40	1/4	493.34	1/4	714.97	1/4	936.32	1/4	1,156.84	1/4	1,377.27	1/4	1,599.05	1/4	1,820.83	1/4	2,042.59
1/2	63.88	1/2	282.84	1/2	497.96	1/2	719.59	1/2	940.91	1/2	1,161.46	1/2	1,381.89	1/2	1,603.67	1/2	1,825.45	1/2	2,047.21
3/4	68.33	3/4	287.27	3/4	502.58	3/4	724.21	3/4	945.50	3/4	1,166.09	3/4	1,386.51	3/4	1,608.29	3/4	1,830.07	3/4	2,051.83
5	72.78	5	291.70	5	507.20	5	728.83	5	950.09	5	1,170.71	5	1,391.13	5	1,612.91	5	1,834.69	5	2,056.45
1/4	77.25	1/4	296.13	1/4	511.81	1/4	733.44	1/4	954.67	1/4	1,175.33	1/4	1,395.75	1/4	1,617.53	1/4	1,839.31	1/4	2,061.07
1/2	81.72	1/2	300.56	1/2	516.43	1/2	738.06	1/2	959.26	1/2	1,179.95	1/2	1,400.37	1/2	1,622.15	1/2	1,843.93	1/2	2,065.69
3/4	86.19	3/4	305.00	3/4	521.05	3/4	742.68	3/4	963.85	3/4	1,184.57	3/4	1,404.99	3/4	1,626.77	3/4	1,848.55	3/4	2,070.31
6	90.67	6	309.43	6	525.66	6	747.30	6	968.44	6	1,189.19	6	1,409.61	6	1,631.39	6	1,853.17	6	2,074.93
1/4	95.29	1/4	313.86	1/4	530.28	1/4	751.91	1/4	973.02	1/4	1,193.81	1/4	1,414.23	1/4	1,636.01	1/4	1,857.79	1/4	2,079.55
1/2	99.91	1/2	318.29	1/2	534.90	1/2	756.53	1/2	977.61	1/2	1,198.43	1/2	1,418.85	1/2	1,640.63	1/2	1,862.41	1/2	2,084.17
3/4	104.53	3/4	322.73	3/4	539.52	3/4	761.15	3/4	982.20	3/4	1,203.05	3/4	1,423.47	3/4	1,645.25	3/4	1,867.03	3/4	2,088.79
7	109.15	7	327.16	7	544.13	7	765.76	7	986.79	7	1,207.67	7	1,428.09	7	1,649.87	7	1,871.65	7	2,093.41
1/4	113.78	1/4	331.59	1/4	548.75	1/4	770.38	1/4	991.37	1/4	1,212.29	1/4	1,432.71	1/4	1,654.49	1/4	1,876.27	1/4	2,098.03
1/2	118.40	1/2	336.02	1/2	553.37	1/2	775.00	1/2	995.96	1/2	1,216.91	1/2	1,437.33	1/2	1,659.11	1/2	1,880.89	1/2	2,102.65
3/4	123.02	3/4	340.45	3/4	557.99	3/4	779.62	3/4	1,000.55	3/4	1,221.53	3/4	1,441.95	3/4	1,663.73	3/4	1,885.51	3/4	2,107.26
8	127.64	8	344.89	8	562.60	8	784.23	8	1,005.14	8	1,226.15	8	1,446.57	8	1,668.35	8	1,890.13	8	2,111.88
1/4	132.26	1/4	349.32	1/4	567.22	1/4	788.85	1/4	1,009.73	1/4	1,230.77	1/4	1,451.19	1/4	1,672.97	1/4	1,894.75	1/4	2,116.50
1/2	136.89	1/2	353.75	1/2	571.84	1/2	793.47	1/2	1,014.31	1/2	1,235.39	1/2	1,455.81	1/2	1,677.59	1/2	1,899.37	1/2	2,121.12
3/4	141.51	3/4	358.19	3/4	576.46	3/4	798.09	3/4	1,018.90	3/4	1,240.01	3/4	1,460.43	3/4	1,682.21	3/4	1,903.99	3/4	2,125.74
9	146.13	9	362.62	9	581.07	9	802.70	9	1,023.49	9	1,244.64	9	1,465.05	9	1,686.83	9	1,908.61	9	2,130.36
1/4	150.75	1/4	367.07	1/4	585.69	1/4	807.32	1/4	1,028.08	1/4	1,249.26	1/4	1,469.68	1/4	1,691.45	1/4	1,913.23	1/4	2,134.98
1/2	155.37	1/2	371.52	1/2	590.31	1/2	811.94	1/2	1,032.66	1/2	1,253.88	1/2	1,474.30	1/2	1,696.07	1/2	1,917.85	1/2	2,139.60
3/4	160.00	3/4	375.97	3/4	594.92	3/4	816.55	3/4	1,037.25	3/4	1,258.50	3/4	1,478.92	3/4	1,700.70	3/4	1,922.47	3/4	2,144.22
10	164.62	10	380.42	10	599.54	10	821.17	10	1,041.84	10	1,263.12	10	1,483.54	10	1,705.32	10	1,927.09	10	2,148.84
1/4	169.24	1/4	384.87	1/4	604.16	1/4	825.79	1/4	1,046.43	1/4	1,267.73	1/4	1,488.16	1/4	1,709.94	1/4	1,931.72	1/4	2,153.46
1/2	173.86	1/2	389.32	1/2	608.78	1/2	830.41	1/2	1,051.01	1/2	1,272.34	1/2	1,492.78	1/2	1,714.56	1/2	1,936.34	1/2	2,158.08
3/4	178.48	3/4	393.77	3/4	613.39	3/4	835.02	3/4	1,055.60	3/4	1,276.95	3/4	1,497.40	3/4	1,719.18	3/4	1,940.96	3/4	2,162.70
11	183.11	11	398.22	11	618.01	11	839.64	11	1,060.19	11	1,281.56	11	1,502.02	11	1,723.80	11	1,945.58	11	2,167.32
1/4	187.73	1/4	402.67	1/4	622.63	1/4	844.26	1/4	1,064.78	1/4	1,286.09	1/4	1,506.64	1/4	1,728.42	1/4	1,950.20	1/4	2,171.94
1/2	192.35	1/2	407.12	1/2	627.25	1/2	848.88	1/2	1,069.36	1/2	1,290.63	1/2	1,511.26	1/2	1,733.04	1/2	1,954.82	1/2	2,176.56
3/4	196.97	3/4	411.57	3/4	631.86	3/4	853.49	3/4	1,073.95	3/4	1,295.16	3/4	1,515.88	3/4	1,737.66	3/4	1,959.44	3/4	2,181.18

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER STANDPIPE.

GAUGE POINT: (8" STANDPIPE) LOCATED 12'-08" OFF CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

5 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,185.80	0	2,407.41	0	2,626.77	0		0		0		0		0		0		0	
1/4	2,190.42	1/4	2,411.98	1/4	2,631.34	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,195.04	1/2	2,416.55	1/2	2,635.91	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,199.65	3/4	2,421.12	3/4	2,640.48	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,204.27	1	2,425.69	1	2,645.05	1		1		1		1		1		1		1	
1/4	2,208.89	1/4	2,430.26	1/4	2,649.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,213.51	1/2	2,434.83	1/2	2,654.19	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,218.13	3/4	2,439.40	3/4	2,658.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,222.75	2	2,443.97	2	2,663.33	2		2		2		2		2		2		2	
1/4	2,227.37	1/4	2,448.54	1/4	2,667.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,231.99	1/2	2,453.11	1/2	2,672.47	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,236.61	3/4	2,457.68	3/4	2,677.03	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,241.23	3	2,462.25	3	2,681.60	3		3		3		3		3		3		3	
1/4	2,245.85	1/4	2,466.82	1/4	2,686.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,250.47	1/2	2,471.39	1/2	2,690.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,255.09	3/4	2,475.96	3/4	2,695.29	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,259.71	4	2,480.53	4	2,699.86	4		4		4		4		4		4		4	
1/4	2,264.33	1/4	2,485.10	1/4	2,704.41	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,268.95	1/2	2,489.67	1/2	2,708.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,273.57	3/4	2,494.24	3/4	2,713.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,278.19	5	2,498.81	5	2,718.08	5		5		5		5		5		5		5	
1/4	2,282.81	1/4	2,503.38	1/4	2,722.62	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,287.43	1/2	2,507.95	1/2	2,727.16	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,292.04	3/4	2,512.52	3/4	2,731.70	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,296.66	6	2,517.09	6	2,736.24	6		6		6		6		6		6		6	
1/4	2,301.28	1/4	2,521.66	1/4	2,740.71	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,305.90	1/2	2,526.23	1/2	2,745.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,310.52	3/4	2,530.80	3/4	2,749.65	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,315.14	7	2,535.37	7	2,754.12	7		7		7		7		7		7		7	
1/4	2,319.76	1/4	2,539.94	1/4	2,758.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,324.38	1/2	2,544.51	1/2	2,762.51	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,329.00	3/4	2,549.08	3/4	2,766.70	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,333.62	8	2,553.65	8	2,770.90	8		8		8		8		8		8		8	
1/4	2,338.24	1/4	2,558.22	1/4	2,774.10	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,342.86	1/2	2,562.79	1/2	2,777.29	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,347.48	3/4	2,567.36	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,352.10	9	2,571.93	9		9		9		9		9		9		9		9	
1/4	2,356.72	1/4	2,576.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,361.34	1/2	2,581.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,365.96	3/4	2,585.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,370.58	10	2,590.21	10		10		10		10		10		10		10		10	
1/4	2,375.19	1/4	2,594.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,379.81	1/2	2,599.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,384.43	3/4	2,603.92	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,389.04	11	2,608.49	11		11		11		11		11		11		11		11	
1/4	2,393.63	1/4	2,613.06	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,398.22	1/2	2,617.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,402.82	3/4	2,622.20	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

5 STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

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.
0	7.46	0	201.13	0	415.00	0	634.89	0	855.95	0	1,075.80	0	1,296.77	0	1,517.98	0	1,739.19	0	1,960.40
1/4	9.26	1/4	205.74	1/4	419.45	1/4	639.50	1/4	860.55	1/4	1,080.37	1/4	1,301.37	1/4	1,522.59	1/4	1,743.80	1/4	1,965.01
1/2	11.05	1/2	210.34	1/2	423.90	1/2	644.10	1/2	865.16	1/2	1,084.95	1/2	1,305.98	1/2	1,527.20	1/2	1,748.41	1/2	1,969.62
3/4	12.85	3/4	214.95	3/4	428.35	3/4	648.71	3/4	869.76	3/4	1,089.53	3/4	1,310.59	3/4	1,531.80	3/4	1,753.02	3/4	1,974.22
1	14.65	1	219.56	1	432.80	1	653.31	1	874.37	1	1,094.10	1	1,315.20	1	1,536.41	1	1,757.63	1	1,978.83
1/4	17.24	1/4	224.13	1/4	437.27	1/4	657.92	1/4	878.97	1/4	1,098.68	1/4	1,319.81	1/4	1,541.02	1/4	1,762.23	1/4	1,983.44
1/2	19.83	1/2	228.71	1/2	441.74	1/2	662.52	1/2	883.57	1/2	1,103.26	1/2	1,324.42	1/2	1,545.63	1/2	1,766.84	1/2	1,988.05
3/4	22.43	3/4	233.28	3/4	446.21	3/4	667.13	3/4	888.17	3/4	1,107.84	3/4	1,329.03	3/4	1,550.24	3/4	1,771.45	3/4	1,992.65
2	25.02	2	237.85	2	450.68	2	671.73	2	892.77	2	1,112.42	2	1,333.63	2	1,554.85	2	1,776.06	2	1,997.26
1/4	28.39	1/4	242.29	1/4	455.28	1/4	676.34	1/4	897.35	1/4	1,117.03	1/4	1,338.24	1/4	1,559.46	1/4	1,780.67	1/4	2,001.87
1/2	31.77	1/2	246.72	1/2	459.89	1/2	680.94	1/2	901.92	1/2	1,121.64	1/2	1,342.85	1/2	1,564.06	1/2	1,785.28	1/2	2,006.48
3/4	35.14	3/4	251.16	3/4	464.49	3/4	685.55	3/4	906.50	3/4	1,126.25	3/4	1,347.46	3/4	1,568.67	3/4	1,789.89	3/4	2,011.08
3	38.52	3	255.59	3	469.10	3	690.15	3	911.07	3	1,130.86	3	1,352.07	3	1,573.28	3	1,794.49	3	2,015.69
1/4	42.61	1/4	260.02	1/4	473.71	1/4	694.76	1/4	915.65	1/4	1,135.46	1/4	1,356.68	1/4	1,577.89	1/4	1,799.10	1/4	2,020.30
1/2	46.71	1/2	264.46	1/2	478.31	1/2	699.37	1/2	920.22	1/2	1,140.07	1/2	1,361.29	1/2	1,582.50	1/2	1,803.71	1/2	2,024.91
3/4	50.80	3/4	268.89	3/4	482.92	3/4	703.97	3/4	924.80	3/4	1,144.68	3/4	1,365.89	3/4	1,587.11	3/4	1,808.32	3/4	2,029.52
4	54.90	4	273.32	4	487.52	4	708.58	4	929.38	4	1,149.29	4	1,370.50	4	1,591.72	4	1,812.93	4	2,034.12
1/4	59.34	1/4	277.74	1/4	492.13	1/4	713.18	1/4	933.95	1/4	1,153.90	1/4	1,375.11	1/4	1,596.32	1/4	1,817.54	1/4	2,038.73
1/2	63.77	1/2	282.16	1/2	496.73	1/2	717.79	1/2	938.53	1/2	1,158.51	1/2	1,379.72	1/2	1,600.93	1/2	1,822.15	1/2	2,043.34
3/4	68.21	3/4	286.58	3/4	501.34	3/4	722.39	3/4	943.10	3/4	1,163.12	3/4	1,384.33	3/4	1,605.54	3/4	1,826.75	3/4	2,047.95
5	72.65	5	291.00	5	505.94	5	727.00	5	947.68	5	1,167.72	5	1,388.94	5	1,610.15	5	1,831.36	5	2,052.55
1/4	77.11	1/4	295.42	1/4	510.55	1/4	731.60	1/4	952.25	1/4	1,172.33	1/4	1,393.55	1/4	1,614.76	1/4	1,835.97	1/4	2,057.16
1/2	81.57	1/2	299.84	1/2	515.15	1/2	736.21	1/2	956.83	1/2	1,176.94	1/2	1,398.15	1/2	1,619.37	1/2	1,840.58	1/2	2,061.77
3/4	86.03	3/4	304.26	3/4	519.76	3/4	740.81	3/4	961.41	3/4	1,181.55	3/4	1,402.76	3/4	1,623.98	3/4	1,845.19	3/4	2,066.38
6	90.49	6	308.69	6	524.36	6	745.42	6	965.98	6	1,186.16	6	1,407.37	6	1,628.58	6	1,849.80	6	2,070.99
1/4	95.10	1/4	313.11	1/4	528.97	1/4	750.02	1/4	970.56	1/4	1,190.77	1/4	1,411.98	1/4	1,633.19	1/4	1,854.41	1/4	2,075.59
1/2	99.71	1/2	317.53	1/2	533.57	1/2	754.63	1/2	975.13	1/2	1,195.38	1/2	1,416.59	1/2	1,637.80	1/2	1,859.01	1/2	2,080.20
3/4	104.32	3/4	321.95	3/4	538.18	3/4	759.23	3/4	979.71	3/4	1,199.98	3/4	1,421.20	3/4	1,642.41	3/4	1,863.62	3/4	2,084.81
7	108.93	7	326.37	7	542.78	7	763.84	7	984.28	7	1,204.59	7	1,425.81	7	1,647.02	7	1,868.23	7	2,089.42
1/4	113.54	1/4	330.79	1/4	547.39	1/4	768.44	1/4	988.86	1/4	1,209.20	1/4	1,430.41	1/4	1,651.63	1/4	1,872.84	1/4	2,094.02
1/2	118.15	1/2	335.21	1/2	552.00	1/2	773.05	1/2	993.44	1/2	1,213.81	1/2	1,435.02	1/2	1,656.24	1/2	1,877.45	1/2	2,098.63
3/4	122.76	3/4	339.63	3/4	556.60	3/4	777.66	3/4	998.01	3/4	1,218.42	3/4	1,439.63	3/4	1,660.84	3/4	1,882.06	3/4	2,103.24
8	127.37	8	344.05	8	561.21	8	782.26	8	1,002.59	8	1,223.03	8	1,444.24	8	1,665.45	8	1,886.67	8	2,107.85
1/4	131.98	1/4	348.47	1/4	565.81	1/4	786.87	1/4	1,007.16	1/4	1,227.64	1/4	1,448.85	1/4	1,670.06	1/4	1,891.27	1/4	2,112.45
1/2	136.59	1/2	352.90	1/2	570.42	1/2	791.47	1/2	1,011.74	1/2	1,232.24	1/2	1,453.46	1/2	1,674.67	1/2	1,895.88	1/2	2,117.06
3/4	141.20	3/4	357.32	3/4	575.02	3/4	796.08	3/4	1,016.31	3/4	1,236.85	3/4	1,458.07	3/4	1,679.28	3/4	1,900.49	3/4	2,121.67
9	145.81	9	361.74	9	579.63	9	800.68	9	1,020.89	9	1,241.46	9	1,462.67	9	1,683.89	9	1,905.10	9	2,126.28
1/4	150.42	1/4	366.18	1/4	584.23	1/4	805.29	1/4	1,025.47	1/4	1,246.07	1/4	1,467.28	1/4	1,688.50	1/4	1,909.71	1/4	2,130.89
1/2	155.03	1/2	370.62	1/2	588.84	1/2	809.89	1/2	1,030.04	1/2	1,250.68	1/2	1,471.89	1/2	1,693.10	1/2	1,914.32	1/2	2,135.49
3/4	159.64	3/4	375.06	3/4	593.44	3/4	814.50	3/4	1,034.62	3/4	1,255.29	3/4	1,476.50	3/4	1,697.71	3/4	1,918.93	3/4	2,140.10
10	164.25	10	379.49	10	598.05	10	819.10	10	1,039.19	10	1,259.90	10	1,481.11	10	1,702.32	10	1,923.53	10	2,144.71
1/4	168.86	1/4	383.93	1/4	602.65	1/4	823.71	1/4	1,043.77	1/4	1,264.50	1/4	1,485.72	1/4	1,706.93	1/4	1,928.14	1/4	2,149.32
1/2	173.47	1/2	388.37	1/2	607.26	1/2	828.31	1/2	1,048.34	1/2	1,269.11	1/2	1,490.33	1/2	1,711.54	1/2	1,932.75	1/2	2,153.92
3/4	178.08	3/4	392.81	3/4	611.86	3/4	832.92	3/4	1,052.92	3/4	1,273.72	3/4	1,494.93	3/4	1,716.15	3/4	1,937.36	3/4	2,158.53
11	182.69	11	397.24	11	616.47	11	837.52	11	1,057.50	11	1,278.33	11	1,499.54	11	1,720.76	11	1,941.97	11	2,163.14
1/4	187.30	1/4	401.68	1/4	621.08	1/4	842.13	1/4	1,062.07	1/4	1,282.94	1/4	1,504.15	1/4	1,725.36	1/4	1,946.58	1/4	2,167.75
1/2	191.91	1/2	406.12	1/2	625.68	1/2	846.73	1/2	1,066.65	1/2	1,287.55	1/2	1,508.76	1/2	1,729.97	1/2	1,951.19	1/2	2,172.35
3/4	196.52	3/4	410.56	3/4	630.29	3/4	851.34	3/4	1,071.22	3/4	1,292.16	3/4	1,513.37	3/4	1,734.58	3/4	1,955.79	3/4	2,176.96

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 8" DIAMETER STANDPIPE.

GAUGE POINT: (8" STANDPIPE) LOCATED 12'-08" OFF CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "BUFFALO 404"

5 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,181.57	0	2,402.61	0	2,621.42	0		0		0		0		0		0		0	
1/4	2,186.18	1/4	2,407.17	1/4	2,625.98	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,190.79	1/2	2,411.73	1/2	2,630.54	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,195.39	3/4	2,416.29	3/4	2,635.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	2,200.00	1	2,420.85	1	2,639.66	1		1		1		1		1		1		1	
1/4	2,204.61	1/4	2,425.41	1/4	2,644.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,209.22	1/2	2,429.96	1/2	2,648.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,213.82	3/4	2,434.52	3/4	2,653.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2,218.43	2	2,439.08	2	2,657.89	2		2		2		2		2		2		2	
1/4	2,223.04	1/4	2,443.64	1/4	2,662.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,227.65	1/2	2,448.20	1/2	2,667.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,232.25	3/4	2,452.76	3/4	2,671.56	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	2,236.86	3	2,457.32	3	2,676.12	3		3		3		3		3		3		3	
1/4	2,241.47	1/4	2,461.87	1/4	2,680.67	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,246.08	1/2	2,466.43	1/2	2,685.22	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,250.69	3/4	2,470.99	3/4	2,689.78	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	2,255.29	4	2,475.55	4	2,694.33	4		4		4		4		4		4		4	
1/4	2,259.90	1/4	2,480.11	1/4	2,698.87	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,264.51	1/2	2,484.67	1/2	2,703.42	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,269.12	3/4	2,489.22	3/4	2,707.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	2,273.72	5	2,493.78	5	2,712.51	5		5		5		5		5		5		5	
1/4	2,278.33	1/4	2,498.34	1/4	2,717.03	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,282.94	1/2	2,502.90	1/2	2,721.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,287.55	3/4	2,507.46	3/4	2,726.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	2,292.15	6	2,512.02	6	2,730.62	6		6		6		6		6		6		6	
1/4	2,296.76	1/4	2,516.58	1/4	2,735.07	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,301.37	1/2	2,521.13	1/2	2,739.53	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,305.98	3/4	2,525.69	3/4	2,743.99	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	2,310.59	7	2,530.25	7	2,748.45	7		7		7		7		7		7		7	
1/4	2,315.19	1/4	2,534.81	1/4	2,752.64	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,319.80	1/2	2,539.37	1/2	2,756.82	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,324.41	3/4	2,543.93	3/4	2,761.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	2,329.02	8	2,548.49	8	2,765.19	8		8		8		8		8		8		8	
1/4	2,333.62	1/4	2,553.04	1/4	2,768.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,338.23	1/2	2,557.60	1/2	2,771.57	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,342.84	3/4	2,562.16	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	2,347.45	9	2,566.72	9		9		9		9		9		9		9		9	
1/4	2,352.05	1/4	2,571.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,356.66	1/2	2,575.84	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,361.27	3/4	2,580.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	2,365.88	10	2,584.95	10		10		10		10		10		10		10		10	
1/4	2,370.48	1/4	2,589.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,375.09	1/2	2,594.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,379.69	3/4	2,598.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	2,384.29	11	2,603.19	11		11		11		11		11		11		11		11	
1/4	2,388.87	1/4	2,607.75	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,393.45	1/2	2,612.30	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,398.03	3/4	2,616.86	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "BUFFALO 404"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8
1 STBD	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8
2 PORT	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-0/8	01-0/8
2 STBD	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-0/8	01-0/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
4 PORT	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8
4 STBD	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-0/8	01-0/8
5 PORT	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8
5 STBD	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 5'-00"
 DIFF. = 3'-00" (DOWN BY STERN)

THE CORRECTION FOR 3'-00" TRIM DOWN BY STERN FOR 2 PORT IS 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 237'-00"

February 1, 2024

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "BUFFALO 404"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-10 3/4"

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.
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" DIAMETER STANDPIPE.
 GAUGE POINT: (8" STANDPIPE) LOCATED 12'-08" OFF CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "BUFFALO 404"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-10 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,147.82	0	928.02	0	708.22	0	492.58	0	299.29	0	130.28	0		0		0		0	
1/4	1,143.24	1/4	923.44	1/4	703.64	1/4	488.30	1/4	295.55	1/4	126.98	1/4		1/4		1/4		1/4	
1/2	1,138.66	1/2	918.86	1/2	699.06	1/2	484.03	1/2	291.82	1/2	123.68	1/2		1/2		1/2		1/2	
3/4	1,134.08	3/4	914.28	3/4	694.48	3/4	479.75	3/4	288.08	3/4	120.38	3/4		3/4		3/4		3/4	
1	1,129.50	1	909.70	1	689.90	1	475.51	1	284.39	1	117.12	1		1		1		1	
1/4	1,124.93	1/4	905.12	1/4	685.32	1/4	471.27	1/4	280.70	1/4	113.86	1/4		1/4		1/4		1/4	
1/2	1,120.35	1/2	900.54	1/2	680.74	1/2	467.03	1/2	277.00	1/2	110.60	1/2		1/2		1/2		1/2	
3/4	1,115.77	3/4	895.97	3/4	676.16	3/4	462.80	3/4	273.31	3/4	107.35	3/4		3/4		3/4		3/4	
2	1,111.19	2	891.39	2	671.58	2	458.60	2	269.66	2	104.13	2		2		2		2	
1/4	1,106.61	1/4	886.81	1/4	667.01	1/4	454.40	1/4	266.01	1/4	100.91	1/4		1/4		1/4		1/4	
1/2	1,102.03	1/2	882.23	1/2	662.43	1/2	450.21	1/2	262.36	1/2	97.69	1/2		1/2		1/2		1/2	
3/4	1,097.45	3/4	877.65	3/4	657.85	3/4	446.01	3/4	258.71	3/4	94.47	3/4		3/4		3/4		3/4	
3	1,092.87	3	873.07	3	653.27	3	441.85	3	255.10	3	91.44	3		3		3		3	
1/4	1,088.29	1/4	868.49	1/4	648.69	1/4	437.70	1/4	251.48	1/4	88.42	1/4		1/4		1/4		1/4	
1/2	1,083.71	1/2	863.91	1/2	644.11	1/2	433.54	1/2	247.87	1/2	85.39	1/2		1/2		1/2		1/2	
3/4	1,079.13	3/4	859.33	3/4	639.53	3/4	429.39	3/4	244.26	3/4	82.36	3/4		3/4		3/4		3/4	
4	1,074.55	4	854.75	4	634.95	4	425.27	4	240.69	4	79.39	4		4		4		4	
1/4	1,069.97	1/4	850.17	1/4	630.37	1/4	421.15	1/4	237.12	1/4	76.43	1/4		1/4		1/4		1/4	
1/2	1,065.40	1/2	845.59	1/2	625.79	1/2	417.04	1/2	233.55	1/2	73.46	1/2		1/2		1/2		1/2	
3/4	1,060.82	3/4	841.01	3/4	621.21	3/4	412.92	3/4	229.98	3/4	70.50	3/4		3/4		3/4		3/4	
5	1,056.24	5	836.44	5	616.65	5	408.85	5	226.45	5	67.58	5		5		5		5	
1/4	1,051.66	1/4	831.86	1/4	612.09	1/4	404.78	1/4	222.93	1/4	64.66	1/4		1/4		1/4		1/4	
1/2	1,047.08	1/2	827.28	1/2	607.53	1/2	400.70	1/2	219.40	1/2	61.74	1/2		1/2		1/2		1/2	
3/4	1,042.50	3/4	822.70	3/4	602.97	3/4	396.63	3/4	215.87	3/4	58.82	3/4		3/4		3/4		3/4	
6	1,037.92	6	818.12	6	598.44	6	392.59	6	212.38	6	55.95	6		6		6		6	
1/4	1,033.34	1/4	813.54	1/4	593.92	1/4	388.56	1/4	208.89	1/4	53.08	1/4		1/4		1/4		1/4	
1/2	1,028.76	1/2	808.96	1/2	589.40	1/2	384.53	1/2	205.40	1/2	50.21	1/2		1/2		1/2		1/2	
3/4	1,024.18	3/4	804.38	3/4	584.88	3/4	380.49	3/4	201.91	3/4	47.34	3/4		3/4		3/4		3/4	
7	1,019.60	7	799.80	7	580.39	7	376.53	7	198.43	7	44.52	7		7		7		7	
1/4	1,015.02	1/4	795.22	1/4	575.91	1/4	372.57	1/4	194.95	1/4	41.71	1/4		1/4		1/4		1/4	
1/2	1,010.45	1/2	790.64	1/2	571.43	1/2	368.62	1/2	191.47	1/2	38.89	1/2		1/2		1/2		1/2	
3/4	1,005.87	3/4	786.06	3/4	566.95	3/4	364.66	3/4	187.99	3/4	36.08	3/4		3/4		3/4		3/4	
8	1,001.29	8	781.49	8	562.50	8	360.74	8	184.53	8	33.33	8		8		8		8	
1/4	996.71	1/4	776.91	1/4	558.06	1/4	356.83	1/4	181.07	1/4	30.57	1/4		1/4		1/4		1/4	
1/2	992.13	1/2	772.33	1/2	553.62	1/2	352.92	1/2	177.61	1/2	27.82	1/2		1/2		1/2		1/2	
3/4	987.55	3/4	767.75	3/4	549.18	3/4	349.00	3/4	174.15	3/4	25.07	3/4		3/4		3/4		3/4	
9	982.97	9	763.17	9	544.78	9	345.13	9	170.73	9	22.67	9		9		9		9	
1/4	978.39	1/4	758.59	1/4	540.38	1/4	341.26	1/4	167.30	1/4	20.27	1/4		1/4		1/4		1/4	
1/2	973.81	1/2	754.01	1/2	535.98	1/2	337.38	1/2	163.88	1/2	17.87	1/2		1/2		1/2		1/2	
3/4	969.23	3/4	749.43	3/4	531.58	3/4	333.51	3/4	160.46	3/4	15.47	3/4		3/4		3/4		3/4	
10	964.65	10	744.85	10	527.22	10	329.68	10	157.08	10	14.15	10		10		10		10	
1/4	960.07	1/4	740.27	1/4	522.86	1/4	325.85	1/4	153.70	1/4	12.84	1/4		1/4		1/4		1/4	
1/2	955.49	1/2	735.69	1/2	518.50	1/2	322.02	1/2	150.32	1/2	11.52	1/2		1/2		1/2		1/2	
3/4	950.92	3/4	731.11	3/4	514.14	3/4	318.19	3/4	146.94	3/4	10.20	3/4		3/4		3/4		3/4	
11	946.34	11	726.53	11	509.82	11	314.39	11	143.60	11		11		11		11		11	
1/4	941.76	1/4	721.96	1/4	505.50	1/4	310.60	1/4	140.26	1/4		1/4		1/4		1/4		1/4	
1/2	937.18	1/2	717.38	1/2	501.18	1/2	306.81	1/2	136.92	1/2		1/2		1/2		1/2		1/2	
3/4	932.60	3/4	712.80	3/4	496.86	3/4	303.02	3/4	133.58	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "BUFFALO 404"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,149.22	0	930.44	0	711.66	0	496.72	0	302.97	0	133.11	0		0		0		0	
1/4	1,144.66	1/4	925.88	1/4	707.10	1/4	492.46	1/4	299.21	1/4	129.82	1/4		1/4		1/4		1/4	
1/2	1,140.11	1/2	921.33	1/2	702.55	1/2	488.20	1/2	295.46	1/2	126.53	1/2		1/2		1/2		1/2	
3/4	1,135.55	3/4	916.77	3/4	697.99	3/4	483.94	3/4	291.70	3/4	123.25	3/4		3/4		3/4		3/4	
1	1,130.99	1	912.21	1	693.43	1	479.68	1	287.94	1	119.96	1		1		1		1	
1/4	1,126.43	1/4	907.65	1/4	688.87	1/4	475.46	1/4	284.22	1/4	116.71	1/4		1/4		1/4		1/4	
1/2	1,121.87	1/2	903.09	1/2	684.32	1/2	471.25	1/2	280.51	1/2	113.47	1/2		1/2		1/2		1/2	
3/4	1,117.32	3/4	898.54	3/4	679.76	3/4	467.03	3/4	276.79	3/4	110.22	3/4		3/4		3/4		3/4	
2	1,112.76	2	893.98	2	675.20	2	462.81	2	273.08	2	106.97	2		2		2		2	
1/4	1,108.20	1/4	889.42	1/4	670.64	1/4	458.63	1/4	269.40	1/4	103.77	1/4		1/4		1/4		1/4	
1/2	1,103.64	1/2	884.86	1/2	666.08	1/2	454.45	1/2	265.73	1/2	100.56	1/2		1/2		1/2		1/2	
3/4	1,099.08	3/4	880.30	3/4	661.53	3/4	450.27	3/4	262.05	3/4	97.36	3/4		3/4		3/4		3/4	
3	1,094.53	3	875.75	3	656.97	3	446.10	3	258.38	3	94.15	3		3		3		3	
1/4	1,089.97	1/4	871.19	1/4	652.41	1/4	441.96	1/4	254.74	1/4	91.13	1/4		1/4		1/4		1/4	
1/2	1,085.41	1/2	866.63	1/2	647.85	1/2	437.82	1/2	251.11	1/2	88.11	1/2		1/2		1/2		1/2	
3/4	1,080.85	3/4	862.07	3/4	643.29	3/4	433.68	3/4	247.47	3/4	85.10	3/4		3/4		3/4		3/4	
4	1,076.29	4	857.52	4	638.74	4	429.54	4	243.84	4	82.08	4		4		4		4	
1/4	1,071.74	1/4	852.96	1/4	634.18	1/4	425.45	1/4	240.25	1/4	79.12	1/4		1/4		1/4		1/4	
1/2	1,067.18	1/2	848.40	1/2	629.62	1/2	421.35	1/2	236.65	1/2	76.17	1/2		1/2		1/2		1/2	
3/4	1,062.62	3/4	843.84	3/4	625.06	3/4	417.25	3/4	233.06	3/4	73.21	3/4		3/4		3/4		3/4	
5	1,058.06	5	839.28	5	620.50	5	413.16	5	229.46	5	70.26	5		5		5		5	
1/4	1,053.51	1/4	834.73	1/4	615.96	1/4	409.10	1/4	225.91	1/4	67.35	1/4		1/4		1/4		1/4	
1/2	1,048.95	1/2	830.17	1/2	611.42	1/2	405.04	1/2	222.36	1/2	64.44	1/2		1/2		1/2		1/2	
3/4	1,044.39	3/4	825.61	3/4	606.88	3/4	400.99	3/4	218.80	3/4	61.53	3/4		3/4		3/4		3/4	
6	1,039.83	6	821.05	6	602.34	6	396.93	6	215.25	6	58.62	6		6		6		6	
1/4	1,035.27	1/4	816.49	1/4	597.84	1/4	392.91	1/4	211.74	1/4	55.76	1/4		1/4		1/4		1/4	
1/2	1,030.72	1/2	811.94	1/2	593.34	1/2	388.90	1/2	208.22	1/2	52.90	1/2		1/2		1/2		1/2	
3/4	1,026.16	3/4	807.38	3/4	588.84	3/4	384.88	3/4	204.71	3/4	50.04	3/4		3/4		3/4		3/4	
7	1,021.60	7	802.82	7	584.33	7	380.86	7	201.20	7	47.18	7		7		7		7	
1/4	1,017.04	1/4	798.26	1/4	579.87	1/4	376.89	1/4	197.73	1/4	44.37	1/4		1/4		1/4		1/4	
1/2	1,012.48	1/2	793.70	1/2	575.41	1/2	372.91	1/2	194.25	1/2	41.56	1/2		1/2		1/2		1/2	
3/4	1,007.93	3/4	789.15	3/4	570.95	3/4	368.94	3/4	190.78	3/4	38.76	3/4		3/4		3/4		3/4	
8	1,003.37	8	784.59	8	566.49	8	364.96	8	187.31	8	35.95	8		8		8		8	
1/4	998.81	1/4	780.03	1/4	562.07	1/4	361.03	1/4	183.86	1/4	33.21	1/4		1/4		1/4		1/4	
1/2	994.25	1/2	775.47	1/2	557.64	1/2	357.09	1/2	180.42	1/2	30.47	1/2		1/2		1/2		1/2	
3/4	989.69	3/4	770.92	3/4	553.22	3/4	353.16	3/4	176.97	3/4	27.73	3/4		3/4		3/4		3/4	
9	985.14	9	766.36	9	548.80	9	349.22	9	173.52	9	24.99	9		9		9		9	
1/4	980.58	1/4	761.80	1/4	544.42	1/4	345.33	1/4	170.11	1/4	22.59	1/4		1/4		1/4		1/4	
1/2	976.02	1/2	757.24	1/2	540.04	1/2	341.43	1/2	166.71	1/2	20.20	1/2		1/2		1/2		1/2	
3/4	971.46	3/4	752.68	3/4	535.66	3/4	337.54	3/4	163.30	3/4	17.81	3/4		3/4		3/4		3/4	
10	966.91	10	748.13	10	531.28	10	333.64	10	159.89	10	15.41	10		10		10		10	
1/4	962.35	1/4	743.57	1/4	526.94	1/4	329.79	1/4	156.52	1/4	14.10	1/4		1/4		1/4		1/4	
1/2	957.79	1/2	739.01	1/2	522.60	1/2	325.93	1/2	153.15	1/2	12.78	1/2		1/2		1/2		1/2	
3/4	953.23	3/4	734.45	3/4	518.26	3/4	322.08	3/4	149.79	3/4	11.47	3/4		3/4		3/4		3/4	
11	948.67	11	729.89	11	513.92	11	318.23	11	146.42	11	10.15	11		11		11		11	
1/4	944.12	1/4	725.34	1/4	509.62	1/4	314.41	1/4	143.09	1/4		1/4		1/4		1/4		1/4	
1/2	939.56	1/2	720.78	1/2	505.32	1/2	310.60	1/2	139.76	1/2		1/2		1/2		1/2		1/2	
3/4	935.00	3/4	716.22	3/4	501.02	3/4	306.79	3/4	136.44	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,300.71	0	1,079.84	0	858.98	0	638.11	0	420.46	0	205.27	0		0		0		0	
1/4	1,296.11	1/4	1,075.24	1/4	854.38	1/4	633.51	1/4	416.03	1/4	200.67	1/4		1/4		1/4		1/4	
1/2	1,291.51	1/2	1,070.64	1/2	849.77	1/2	628.91	1/2	411.62	1/2	196.07	1/2		1/2		1/2		1/2	
3/4	1,286.91	3/4	1,066.04	3/4	845.17	3/4	624.31	3/4	407.21	3/4	191.47	3/4		3/4		3/4		3/4	
1	1,282.31	1	1,061.44	1	840.57	1	619.70	1	402.79	1	186.87	1		1		1		1	
1/4	1,277.70	1/4	1,056.84	1/4	835.97	1/4	615.10	1/4	398.38	1/4	182.27	1/4		1/4		1/4		1/4	
1/2	1,273.10	1/2	1,052.24	1/2	831.37	1/2	610.50	1/2	393.97	1/2	177.67	1/2		1/2		1/2		1/2	
3/4	1,268.50	3/4	1,047.63	3/4	826.77	3/4	605.90	3/4	389.56	3/4	173.06	3/4		3/4		3/4		3/4	
2	1,263.90	2	1,043.03	2	822.17	2	601.30	2	385.15	2	168.46	2		2		2		2	
1/4	1,259.30	1/4	1,038.43	1/4	817.56	1/4	596.70	1/4	380.74	1/4	163.86	1/4		1/4		1/4		1/4	
1/2	1,254.70	1/2	1,033.83	1/2	812.96	1/2	592.10	1/2	376.33	1/2	159.26	1/2		1/2		1/2		1/2	
3/4	1,250.10	3/4	1,029.23	3/4	808.36	3/4	587.49	3/4	371.92	3/4	154.66	3/4		3/4		3/4		3/4	
3	1,245.49	3	1,024.63	3	803.76	3	582.89	3	367.51	3	150.06	3		3		3		3	
1/4	1,240.89	1/4	1,020.03	1/4	799.16	1/4	578.29	1/4	363.10	1/4	145.46	1/4		1/4		1/4		1/4	
1/2	1,236.29	1/2	1,015.42	1/2	794.56	1/2	573.69	1/2	358.69	1/2	141.00	1/2		1/2		1/2		1/2	
3/4	1,231.69	3/4	1,010.82	3/4	789.96	3/4	569.09	3/4	354.28	3/4	136.55	3/4		3/4		3/4		3/4	
4	1,227.09	4	1,006.22	4	785.35	4	564.49	4	349.87	4	132.10	4		4		4		4	
1/4	1,222.49	1/4	1,001.62	1/4	780.75	1/4	559.89	1/4	345.46	1/4	127.64	1/4		1/4		1/4		1/4	
1/2	1,217.89	1/2	997.02	1/2	776.15	1/2	555.28	1/2	341.05	1/2	123.21	1/2		1/2		1/2		1/2	
3/4	1,213.28	3/4	992.42	3/4	771.55	3/4	550.68	3/4	336.64	3/4	118.78	3/4		3/4		3/4		3/4	
5	1,208.68	5	987.82	5	766.95	5	546.08	5	332.23	5	114.35	5		5		5		5	
1/4	1,204.08	1/4	983.21	1/4	762.35	1/4	541.48	1/4	327.82	1/4	109.93	1/4		1/4		1/4		1/4	
1/2	1,199.48	1/2	978.61	1/2	757.75	1/2	536.88	1/2	323.41	1/2	105.50	1/2		1/2		1/2		1/2	
3/4	1,194.88	3/4	974.01	3/4	753.14	3/4	532.28	3/4	318.99	3/4	101.08	3/4		3/4		3/4		3/4	
6	1,190.28	6	969.41	6	748.54	6	527.68	6	314.58	6	96.65	6		6		6		6	
1/4	1,185.68	1/4	964.81	1/4	743.94	1/4	523.07	1/4	310.17	1/4	92.23	1/4		1/4		1/4		1/4	
1/2	1,181.07	1/2	960.21	1/2	739.34	1/2	518.47	1/2	305.76	1/2	87.81	1/2		1/2		1/2		1/2	
3/4	1,176.47	3/4	955.61	3/4	734.74	3/4	513.87	3/4	301.35	3/4	83.39	3/4		3/4		3/4		3/4	
7	1,171.87	7	951.00	7	730.14	7	509.27	7	296.94	7	78.98	7		7		7		7	
1/4	1,167.27	1/4	946.40	1/4	725.54	1/4	504.67	1/4	292.53	1/4	74.56	1/4		1/4		1/4		1/4	
1/2	1,162.67	1/2	941.80	1/2	720.93	1/2	500.22	1/2	287.97	1/2	70.16	1/2		1/2		1/2		1/2	
3/4	1,158.07	3/4	937.20	3/4	716.33	3/4	495.77	3/4	283.41	3/4	65.76	3/4		3/4		3/4		3/4	
8	1,153.47	8	932.60	8	711.73	8	491.32	8	278.85	8	61.36	8		8		8		8	
1/4	1,148.86	1/4	928.00	1/4	707.13	1/4	486.87	1/4	274.28	1/4	56.95	1/4		1/4		1/4		1/4	
1/2	1,144.26	1/2	923.40	1/2	702.53	1/2	482.44	1/2	269.68	1/2	52.58	1/2		1/2		1/2		1/2	
3/4	1,139.66	3/4	918.79	3/4	697.93	3/4	478.02	3/4	265.08	3/4	48.20	3/4		3/4		3/4		3/4	
9	1,135.06	9	914.19	9	693.33	9	473.59	9	260.49	9	43.82	9		9		9		9	
1/4	1,130.46	1/4	909.59	1/4	688.72	1/4	469.16	1/4	255.89	1/4	39.44	1/4		1/4		1/4		1/4	
1/2	1,125.86	1/2	904.99	1/2	684.12	1/2	464.73	1/2	251.29	1/2	35.38	1/2		1/2		1/2		1/2	
3/4	1,121.26	3/4	900.39	3/4	679.52	3/4	460.31	3/4	246.68	3/4	31.31	3/4		3/4		3/4		3/4	
10	1,116.65	10	895.79	10	674.92	10	455.88	10	242.08	10	27.24	10		10		10		10	
1/4	1,112.05	1/4	891.19	1/4	670.32	1/4	451.45	1/4	237.48	1/4	23.17	1/4		1/4		1/4		1/4	
1/2	1,107.45	1/2	886.58	1/2	665.72	1/2	447.02	1/2	232.88	1/2	20.16	1/2		1/2		1/2		1/2	
3/4	1,102.85	3/4	881.98	3/4	661.12	3/4	442.60	3/4	228.28	3/4	17.14	3/4		3/4		3/4		3/4	
11	1,098.25	11	877.38	11	656.51	11	438.17	11	223.68	11	14.12	11		11		11		11	
1/4	1,093.65	1/4	872.78	1/4	651.91	1/4	433.74	1/4	219.08	1/4	11.10	1/4		1/4		1/4		1/4	
1/2	1,089.05	1/2	868.18	1/2	647.31	1/2	429.31	1/2	214.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,084.45	3/4	863.58	3/4	642.71	3/4	424.89	3/4	209.88	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,318.57	0	1,097.65	0	876.72	0	655.80	0	434.87	0	214.51	0		0		0		0	
1/4	1,313.97	1/4	1,093.05	1/4	872.12	1/4	651.20	1/4	430.27	1/4	209.91	1/4		1/4		1/4		1/4	
1/2	1,309.37	1/2	1,088.44	1/2	867.52	1/2	646.59	1/2	425.67	1/2	205.30	1/2		1/2		1/2		1/2	
3/4	1,304.76	3/4	1,083.84	3/4	862.92	3/4	641.99	3/4	421.07	3/4	200.70	3/4		3/4		3/4		3/4	
1	1,300.16	1	1,079.24	1	858.31	1	637.39	1	416.48	1	196.10	1		1		1		1	
1/4	1,295.56	1/4	1,074.63	1/4	853.71	1/4	632.79	1/4	411.89	1/4	191.50	1/4		1/4		1/4		1/4	
1/2	1,290.96	1/2	1,070.03	1/2	849.11	1/2	628.18	1/2	407.30	1/2	186.89	1/2		1/2		1/2		1/2	
3/4	1,286.35	3/4	1,065.43	3/4	844.50	3/4	623.58	3/4	402.72	3/4	182.29	3/4		3/4		3/4		3/4	
2	1,281.75	2	1,060.83	2	839.90	2	618.98	2	398.13	2	177.69	2		2		2		2	
1/4	1,277.15	1/4	1,056.22	1/4	835.30	1/4	614.37	1/4	393.55	1/4	173.09	1/4		1/4		1/4		1/4	
1/2	1,272.55	1/2	1,051.62	1/2	830.70	1/2	609.77	1/2	388.96	1/2	168.48	1/2		1/2		1/2		1/2	
3/4	1,267.94	3/4	1,047.02	3/4	826.09	3/4	605.17	3/4	384.38	3/4	163.88	3/4		3/4		3/4		3/4	
3	1,263.34	3	1,042.42	3	821.49	3	600.57	3	379.79	3	159.28	3		3		3		3	
1/4	1,258.74	1/4	1,037.81	1/4	816.89	1/4	595.96	1/4	375.21	1/4	154.68	1/4		1/4		1/4		1/4	
1/2	1,254.14	1/2	1,033.21	1/2	812.29	1/2	591.36	1/2	370.62	1/2	150.07	1/2		1/2		1/2		1/2	
3/4	1,249.53	3/4	1,028.61	3/4	807.68	3/4	586.76	3/4	366.03	3/4	145.47	3/4		3/4		3/4		3/4	
4	1,244.93	4	1,024.01	4	803.08	4	582.16	4	361.45	4	141.02	4		4		4		4	
1/4	1,240.33	1/4	1,019.40	1/4	798.48	1/4	577.55	1/4	356.86	1/4	136.56	1/4		1/4		1/4		1/4	
1/2	1,235.73	1/2	1,014.80	1/2	793.88	1/2	572.95	1/2	352.28	1/2	132.11	1/2		1/2		1/2		1/2	
3/4	1,231.12	3/4	1,010.20	3/4	789.27	3/4	568.35	3/4	347.69	3/4	127.66	3/4		3/4		3/4		3/4	
5	1,226.52	5	1,005.60	5	784.67	5	563.75	5	343.11	5	123.23	5		5		5		5	
1/4	1,221.92	1/4	1,000.99	1/4	780.07	1/4	559.14	1/4	338.52	1/4	118.80	1/4		1/4		1/4		1/4	
1/2	1,217.32	1/2	996.39	1/2	775.47	1/2	554.54	1/2	333.94	1/2	114.37	1/2		1/2		1/2		1/2	
3/4	1,212.71	3/4	991.79	3/4	770.86	3/4	549.94	3/4	329.35	3/4	109.94	3/4		3/4		3/4		3/4	
6	1,208.11	6	987.19	6	766.26	6	545.34	6	324.77	6	105.51	6		6		6		6	
1/4	1,203.51	1/4	982.58	1/4	761.66	1/4	540.73	1/4	320.18	1/4	101.09	1/4		1/4		1/4		1/4	
1/2	1,198.90	1/2	977.98	1/2	757.06	1/2	536.13	1/2	315.60	1/2	96.66	1/2		1/2		1/2		1/2	
3/4	1,194.30	3/4	973.38	3/4	752.45	3/4	531.53	3/4	311.01	3/4	92.24	3/4		3/4		3/4		3/4	
7	1,189.70	7	968.77	7	747.85	7	526.93	7	306.43	7	87.82	7		7		7		7	
1/4	1,185.10	1/4	964.17	1/4	743.25	1/4	522.32	1/4	301.84	1/4	83.40	1/4		1/4		1/4		1/4	
1/2	1,180.49	1/2	959.57	1/2	738.64	1/2	517.72	1/2	297.26	1/2	78.99	1/2		1/2		1/2		1/2	
3/4	1,175.89	3/4	954.97	3/4	734.04	3/4	513.12	3/4	292.67	3/4	74.57	3/4		3/4		3/4		3/4	
8	1,171.29	8	950.36	8	729.44	8	508.51	8	288.08	8	70.17	8		8		8		8	
1/4	1,166.69	1/4	945.76	1/4	724.84	1/4	503.91	1/4	283.50	1/4	65.77	1/4		1/4		1/4		1/4	
1/2	1,162.08	1/2	941.16	1/2	720.23	1/2	499.31	1/2	278.91	1/2	61.37	1/2		1/2		1/2		1/2	
3/4	1,157.48	3/4	936.56	3/4	715.63	3/4	494.71	3/4	274.33	3/4	56.96	3/4		3/4		3/4		3/4	
9	1,152.88	9	931.95	9	711.03	9	490.10	9	269.73	9	52.58	9		9		9		9	
1/4	1,148.28	1/4	927.35	1/4	706.43	1/4	485.50	1/4	265.13	1/4	48.21	1/4		1/4		1/4		1/4	
1/2	1,143.67	1/2	922.75	1/2	701.82	1/2	480.90	1/2	260.53	1/2	43.83	1/2		1/2		1/2		1/2	
3/4	1,139.07	3/4	918.15	3/4	697.22	3/4	476.30	3/4	255.93	3/4	39.45	3/4		3/4		3/4		3/4	
10	1,134.47	10	913.54	10	692.62	10	471.69	10	251.33	10	35.38	10		10		10		10	
1/4	1,129.87	1/4	908.94	1/4	688.02	1/4	467.09	1/4	246.72	1/4	31.31	1/4		1/4		1/4		1/4	
1/2	1,125.26	1/2	904.34	1/2	683.41	1/2	462.49	1/2	242.12	1/2	27.25	1/2		1/2		1/2		1/2	
3/4	1,120.66	3/4	899.74	3/4	678.81	3/4	457.89	3/4	237.52	3/4	23.18	3/4		3/4		3/4		3/4	
11	1,116.06	11	895.13	11	674.21	11	453.28	11	232.92	11	20.16	11		11		11		11	
1/4	1,111.46	1/4	890.53	1/4	669.61	1/4	448.68	1/4	228.31	1/4	17.14	1/4		1/4		1/4		1/4	
1/2	1,106.85	1/2	885.93	1/2	665.00	1/2	444.08	1/2	223.71	1/2	14.12	1/2		1/2		1/2		1/2	
3/4	1,102.25	3/4	881.33	3/4	660.40	3/4	439.48	3/4	219.11	3/4	11.10	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,139.40	0	946.60	0	753.80	0	561.00	0	370.86	0	183.25	0		0		0		0	
1/4	1,135.39	1/4	942.58	1/4	749.78	1/4	556.98	1/4	366.99	1/4	179.23	1/4		1/4		1/4		1/4	
1/2	1,131.37	1/2	938.57	1/2	745.77	1/2	552.97	1/2	363.13	1/2	175.22	1/2		1/2		1/2		1/2	
3/4	1,127.35	3/4	934.55	3/4	741.75	3/4	548.95	3/4	359.28	3/4	171.20	3/4		3/4		3/4		3/4	
1	1,123.34	1	930.53	1	737.73	1	544.93	1	355.43	1	167.18	1		1		1		1	
1/4	1,119.32	1/4	926.52	1/4	733.72	1/4	540.91	1/4	351.58	1/4	163.17	1/4		1/4		1/4		1/4	
1/2	1,115.30	1/2	922.50	1/2	729.70	1/2	536.90	1/2	347.73	1/2	159.15	1/2		1/2		1/2		1/2	
3/4	1,111.29	3/4	918.48	3/4	725.68	3/4	532.88	3/4	343.89	3/4	155.13	3/4		3/4		3/4		3/4	
2	1,107.27	2	914.47	2	721.67	2	528.86	2	340.04	2	151.12	2		2		2		2	
1/4	1,103.25	1/4	910.45	1/4	717.65	1/4	524.85	1/4	336.19	1/4	147.10	1/4		1/4		1/4		1/4	
1/2	1,099.24	1/2	906.43	1/2	713.63	1/2	520.83	1/2	332.34	1/2	143.08	1/2		1/2		1/2		1/2	
3/4	1,095.22	3/4	902.42	3/4	709.62	3/4	516.81	3/4	328.50	3/4	139.07	3/4		3/4		3/4		3/4	
3	1,091.20	3	898.40	3	705.60	3	512.80	3	324.65	3	135.05	3		3		3		3	
1/4	1,087.19	1/4	894.38	1/4	701.58	1/4	508.78	1/4	320.80	1/4	131.03	1/4		1/4		1/4		1/4	
1/2	1,083.17	1/2	890.37	1/2	697.57	1/2	504.76	1/2	316.95	1/2	127.02	1/2		1/2		1/2		1/2	
3/4	1,079.15	3/4	886.35	3/4	693.55	3/4	500.75	3/4	313.11	3/4	123.13	3/4		3/4		3/4		3/4	
4	1,075.14	4	882.33	4	689.53	4	496.73	4	309.26	4	119.24	4		4		4		4	
1/4	1,071.12	1/4	878.32	1/4	685.52	1/4	492.71	1/4	305.41	1/4	115.36	1/4		1/4		1/4		1/4	
1/2	1,067.10	1/2	874.30	1/2	681.50	1/2	488.70	1/2	301.56	1/2	111.47	1/2		1/2		1/2		1/2	
3/4	1,063.09	3/4	870.28	3/4	677.48	3/4	484.68	3/4	297.72	3/4	107.60	3/4		3/4		3/4		3/4	
5	1,059.07	5	866.27	5	673.47	5	480.66	5	293.87	5	103.74	5		5		5		5	
1/4	1,055.05	1/4	862.25	1/4	669.45	1/4	476.65	1/4	290.02	1/4	99.87	1/4		1/4		1/4		1/4	
1/2	1,051.04	1/2	858.23	1/2	665.43	1/2	472.63	1/2	286.17	1/2	96.00	1/2		1/2		1/2		1/2	
3/4	1,047.02	3/4	854.22	3/4	661.42	3/4	468.61	3/4	282.33	3/4	92.14	3/4		3/4		3/4		3/4	
6	1,043.00	6	850.20	6	657.40	6	464.60	6	278.48	6	88.28	6		6		6		6	
1/4	1,038.99	1/4	846.18	1/4	653.38	1/4	460.58	1/4	274.63	1/4	84.42	1/4		1/4		1/4		1/4	
1/2	1,034.97	1/2	842.17	1/2	649.37	1/2	456.56	1/2	270.78	1/2	80.56	1/2		1/2		1/2		1/2	
3/4	1,030.95	3/4	838.15	3/4	645.35	3/4	452.55	3/4	266.94	3/4	76.70	3/4		3/4		3/4		3/4	
7	1,026.94	7	834.13	7	641.33	7	448.53	7	263.09	7	72.85	7		7		7		7	
1/4	1,022.92	1/4	830.12	1/4	637.32	1/4	444.51	1/4	259.24	1/4	68.99	1/4		1/4		1/4		1/4	
1/2	1,018.90	1/2	826.10	1/2	633.30	1/2	440.50	1/2	255.40	1/2	65.14	1/2		1/2		1/2		1/2	
3/4	1,014.89	3/4	822.08	3/4	629.28	3/4	436.61	3/4	251.41	3/4	61.30	3/4		3/4		3/4		3/4	
8	1,010.87	8	818.07	8	625.27	8	432.73	8	247.43	8	57.45	8		8		8		8	
1/4	1,006.85	1/4	814.05	1/4	621.25	1/4	428.85	1/4	243.45	1/4	53.61	1/4		1/4		1/4		1/4	
1/2	1,002.84	1/2	810.03	1/2	617.23	1/2	424.96	1/2	239.47	1/2	49.77	1/2		1/2		1/2		1/2	
3/4	998.82	3/4	806.02	3/4	613.22	3/4	421.10	3/4	235.46	3/4	45.95	3/4		3/4		3/4		3/4	
9	994.80	9	802.00	9	609.20	9	417.23	9	231.44	9	42.13	9		9		9		9	
1/4	990.79	1/4	797.98	1/4	605.18	1/4	413.37	1/4	227.43	1/4	38.31	1/4		1/4		1/4		1/4	
1/2	986.77	1/2	793.97	1/2	601.17	1/2	409.50	1/2	223.42	1/2	34.48	1/2		1/2		1/2		1/2	
3/4	982.75	3/4	789.95	3/4	597.15	3/4	405.64	3/4	219.40	3/4	30.93	3/4		3/4		3/4		3/4	
10	978.74	10	785.93	10	593.13	10	401.78	10	215.38	10	27.38	10		10		10		10	
1/4	974.72	1/4	781.92	1/4	589.12	1/4	397.91	1/4	211.37	1/4	23.83	1/4		1/4		1/4		1/4	
1/2	970.70	1/2	777.90	1/2	585.10	1/2	394.05	1/2	207.35	1/2	20.28	1/2		1/2		1/2		1/2	
3/4	966.69	3/4	773.88	3/4	581.08	3/4	390.18	3/4	203.33	3/4	17.65	3/4		3/4		3/4		3/4	
11	962.67	11	769.87	11	577.07	11	386.32	11	199.32	11	15.01	11		11		11		11	
1/4	958.65	1/4	765.85	1/4	573.05	1/4	382.45	1/4	195.30	1/4	12.38	1/4		1/4		1/4		1/4	
1/2	954.64	1/2	761.83	1/2	569.03	1/2	378.59	1/2	191.28	1/2	9.75	1/2		1/2		1/2		1/2	
3/4	950.62	3/4	757.82	3/4	565.02	3/4	374.72	3/4	187.27	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
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ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/2"

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.
0		0		0		0		0	2,303.74	0	2,112.54	0	1,919.35	0	1,726.15	0	1,532.95	0	1,339.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,299.76	1/4	2,108.52	1/4	1,915.32	1/4	1,722.12	1/4	1,528.93	1/4	1,335.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,295.78	1/2	2,104.49	1/2	1,911.30	1/2	1,718.10	1/2	1,524.90	1/2	1,331.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,291.81	3/4	2,100.47	3/4	1,907.27	3/4	1,714.08	3/4	1,520.88	3/4	1,327.68
1	1	1	1	1	2,474.37	1	2,287.83	1	2,096.44	1	1,903.25	1	1,710.05	1	1,516.86	1	1,323.66	1	1,130.47
1/4	1/4	1/4	1/4	1/4	2,471.60	1/4	2,283.86	1/4	2,092.42	1/4	1,899.22	1/4	1,706.03	1/4	1,512.83	1/4	1,319.63	1/4	1,127.27
1/2	1/2	1/2	1/2	1/2	2,468.82	1/2	2,279.88	1/2	2,088.39	1/2	1,895.20	1/2	1,702.00	1/2	1,508.81	1/2	1,315.61	1/2	1,123.25
3/4	3/4	3/4	3/4	3/4	2,465.18	3/4	2,275.91	3/4	2,084.37	3/4	1,891.17	3/4	1,697.98	3/4	1,504.78	3/4	1,311.59	3/4	1,119.09
2	2	2	2	2	2,461.54	2	2,271.93	2	2,080.34	2	1,887.15	2	1,693.95	2	1,500.76	2	1,307.56	2	1,115.09
1/4	1/4	1/4	1/4	1/4	2,457.90	1/4	2,267.95	1/4	2,076.32	1/4	1,883.12	1/4	1,689.93	1/4	1,496.73	1/4	1,303.54	1/4	1,111.11
1/2	1/2	1/2	1/2	1/2	2,454.26	1/2	2,263.98	1/2	2,072.29	1/2	1,879.10	1/2	1,685.90	1/2	1,492.71	1/2	1,299.51	1/2	1,107.13
3/4	3/4	3/4	3/4	3/4	2,450.37	3/4	2,260.00	3/4	2,068.27	3/4	1,875.07	3/4	1,681.88	3/4	1,488.68	3/4	1,295.49	3/4	1,103.15
3	3	3	3	3	2,446.49	3	2,256.03	3	2,064.24	3	1,871.05	3	1,677.85	3	1,484.66	3	1,291.46	3	1,100.00
1/4	1/4	1/4	1/4	1/4	2,442.60	1/4	2,252.05	1/4	2,060.22	1/4	1,867.02	1/4	1,673.83	1/4	1,480.63	1/4	1,287.44	1/4	1,096.02
1/2	1/2	1/2	1/2	1/2	2,438.72	1/2	2,248.07	1/2	2,056.19	1/2	1,863.00	1/2	1,669.80	1/2	1,476.61	1/2	1,283.41	1/2	1,092.04
3/4	3/4	3/4	3/4	3/4	2,434.77	3/4	2,244.10	3/4	2,052.17	3/4	1,858.97	3/4	1,665.78	3/4	1,472.58	3/4	1,279.39	3/4	1,088.06
4	4	4	4	4	2,430.82	4	2,240.12	4	2,048.14	4	1,854.95	4	1,661.75	4	1,468.56	4	1,275.36	4	1,084.08
1/4	1/4	1/4	1/4	1/4	2,426.87	1/4	2,236.15	1/4	2,044.12	1/4	1,850.92	1/4	1,657.73	1/4	1,464.53	1/4	1,271.34	1/4	1,080.10
1/2	1/2	1/2	1/2	1/2	2,422.93	1/2	2,232.17	1/2	2,040.09	1/2	1,846.90	1/2	1,653.70	1/2	1,460.51	1/2	1,267.31	1/2	1,076.12
3/4	3/4	3/4	3/4	3/4	2,418.96	3/4	2,228.20	3/4	2,036.07	3/4	1,842.87	3/4	1,649.68	3/4	1,456.48	3/4	1,263.29	3/4	1,072.14
5	5	5	5	5	2,415.00	5	2,224.22	5	2,032.04	5	1,838.85	5	1,645.65	5	1,452.46	5	1,259.26	5	1,068.16
1/4	1/4	1/4	1/4	1/4	2,411.03	1/4	2,220.24	1/4	2,028.02	1/4	1,834.82	1/4	1,641.63	1/4	1,448.43	1/4	1,255.24	1/4	1,064.18
1/2	1/2	1/2	1/2	1/2	2,407.07	1/2	2,216.27	1/2	2,023.99	1/2	1,830.80	1/2	1,637.60	1/2	1,444.41	1/2	1,251.21	1/2	1,060.20
3/4	3/4	3/4	3/4	3/4	2,403.10	3/4	2,212.29	3/4	2,019.97	3/4	1,826.77	3/4	1,633.58	3/4	1,440.38	3/4	1,247.19	3/4	1,056.22
6	6	6	6	6	2,399.13	6	2,208.32	6	2,015.94	6	1,822.75	6	1,629.55	6	1,436.36	6	1,243.16	6	1,052.24
1/4	1/4	1/4	1/4	1/4	2,395.16	1/4	2,204.34	1/4	2,011.92	1/4	1,818.72	1/4	1,625.53	1/4	1,432.33	1/4	1,239.14	1/4	1,048.26
1/2	1/2	1/2	1/2	1/2	2,391.19	1/2	2,200.36	1/2	2,007.89	1/2	1,814.70	1/2	1,621.50	1/2	1,428.31	1/2	1,235.11	1/2	1,044.28
3/4	3/4	3/4	3/4	3/4	2,387.22	3/4	2,196.39	3/4	2,003.87	3/4	1,810.67	3/4	1,617.48	3/4	1,424.28	3/4	1,231.09	3/4	1,040.30
7	7	7	7	7	2,383.24	7	2,192.41	7	1,999.84	7	1,806.65	7	1,613.45	7	1,420.26	7	1,227.06	7	1,036.32
1/4	1/4	1/4	1/4	1/4	2,379.27	1/4	2,188.44	1/4	1,995.82	1/4	1,802.62	1/4	1,609.43	1/4	1,416.23	1/4	1,223.04	1/4	1,032.34
1/2	1/2	1/2	1/2	1/2	2,375.30	1/2	2,184.46	1/2	1,991.79	1/2	1,798.60	1/2	1,605.40	1/2	1,412.21	1/2	1,219.01	1/2	1,028.36
3/4	3/4	3/4	3/4	3/4	2,371.32	3/4	2,180.49	3/4	1,987.77	3/4	1,794.57	3/4	1,601.38	3/4	1,408.18	3/4	1,214.99	3/4	1,024.38
8	8	8	8	8	2,367.35	8	2,176.51	8	1,983.74	8	1,790.55	8	1,597.35	8	1,404.16	8	1,210.96	8	1,020.40
1/4	1/4	1/4	1/4	1/4	2,363.37	1/4	2,172.53	1/4	1,979.72	1/4	1,786.52	1/4	1,593.33	1/4	1,400.13	1/4	1,206.94	1/4	1,016.42
1/2	1/2	1/2	1/2	1/2	2,359.40	1/2	2,168.56	1/2	1,975.69	1/2	1,782.50	1/2	1,589.30	1/2	1,396.11	1/2	1,202.91	1/2	1,012.44
3/4	3/4	3/4	3/4	3/4	2,355.42	3/4	2,164.58	3/4	1,971.67	3/4	1,778.47	3/4	1,585.28	3/4	1,392.08	3/4	1,198.89	3/4	1,008.46
9	9	9	9	9	2,351.45	9	2,160.61	9	1,967.64	9	1,774.45	9	1,581.25	9	1,388.06	9	1,194.86	9	1,004.48
1/4	1/4	1/4	1/4	1/4	2,347.47	1/4	2,156.63	1/4	1,963.62	1/4	1,770.42	1/4	1,577.23	1/4	1,384.03	1/4	1,190.84	1/4	1,000.50
1/2	1/2	1/2	1/2	1/2	2,343.49	1/2	2,152.66	1/2	1,959.59	1/2	1,766.40	1/2	1,573.20	1/2	1,380.01	1/2	1,186.81	1/2	996.52
3/4	3/4	3/4	3/4	3/4	2,339.52	3/4	2,148.66	3/4	1,955.57	3/4	1,762.37	3/4	1,569.18	3/4	1,375.98	3/4	1,182.79	3/4	992.54
10	10	10	10	10	2,335.54	10	2,144.66	10	1,951.54	10	1,758.35	10	1,565.15	10	1,371.96	10	1,178.76	10	988.56
1/4	1/4	1/4	1/4	1/4	2,331.57	1/4	2,140.66	1/4	1,947.52	1/4	1,754.32	1/4	1,561.13	1/4	1,367.93	1/4	1,174.74	1/4	984.58
1/2	1/2	1/2	1/2	1/2	2,327.59	1/2	2,136.67	1/2	1,943.49	1/2	1,750.30	1/2	1,557.10	1/2	1,363.91	1/2	1,170.71	1/2	980.60
3/4	3/4	3/4	3/4	3/4	2,323.61	3/4	2,132.65	3/4	1,939.47	3/4	1,746.27	3/4	1,553.08	3/4	1,359.88	3/4	1,166.69	3/4	976.62
11	11	11	11	11	2,319.64	11	2,128.63	11	1,935.44	11	1,742.25	11	1,549.05	11	1,355.86	11	1,162.66	11	972.64
1/4	1/4	1/4	1/4	1/4	2,315.66	1/4	2,124.61	1/4	1,931.42	1/4	1,738.22	1/4	1,545.03	1/4	1,351.83	1/4	1,158.64	1/4	968.66
1/2	1/2	1/2	1/2	1/2	2,311.69	1/2	2,120.59	1/2	1,927.39	1/2	1,734.20	1/2	1,541.00	1/2	1,347.81	1/2	1,154.61	1/2	964.68
3/4	3/4	3/4	3/4	3/4	2,307.71	3/4	2,116.57	3/4	1,923.37	3/4	1,730.17	3/4	1,536.98	3/4	1,343.78	3/4	1,150.59	3/4	960.70

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" DIAMETER STANDPIPE.
 GAUGE POINT: (8" STANDPIPE) LOCATED 12'-08" OFF CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>





BARGE "BUFFALO 404"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,146.56	0	953.37	0	760.17	0	566.98	0	374.44	0	183.64	0		0		0		0	
1/4	1,142.54	1/4	949.34	1/4	756.15	1/4	562.95	1/4	370.46	1/4	179.61	1/4		1/4		1/4		1/4	
1/2	1,138.51	1/2	945.32	1/2	752.12	1/2	558.93	1/2	366.47	1/2	175.59	1/2		1/2		1/2		1/2	
3/4	1,134.49	3/4	941.29	3/4	748.10	3/4	554.90	3/4	362.50	3/4	171.56	3/4		3/4		3/4		3/4	
1	1,130.46	1	937.27	1	744.07	1	550.88	1	358.53	1	167.54	1		1		1		1	
1/4	1,126.44	1/4	933.24	1/4	740.05	1/4	546.85	1/4	354.55	1/4	163.51	1/4		1/4		1/4		1/4	
1/2	1,122.41	1/2	929.22	1/2	736.02	1/2	542.83	1/2	350.58	1/2	159.49	1/2		1/2		1/2		1/2	
3/4	1,118.39	3/4	925.19	3/4	732.00	3/4	538.80	3/4	346.61	3/4	155.46	3/4		3/4		3/4		3/4	
2	1,114.37	2	921.17	2	727.97	2	534.78	2	342.64	2	151.44	2		2		2		2	
1/4	1,110.34	1/4	917.14	1/4	723.95	1/4	530.75	1/4	338.67	1/4	147.41	1/4		1/4		1/4		1/4	
1/2	1,106.32	1/2	913.12	1/2	719.92	1/2	526.73	1/2	334.70	1/2	143.39	1/2		1/2		1/2		1/2	
3/4	1,102.29	3/4	909.10	3/4	715.90	3/4	522.70	3/4	330.73	3/4	139.36	3/4		3/4		3/4		3/4	
3	1,098.27	3	905.07	3	711.88	3	518.68	3	326.76	3	135.34	3		3		3		3	
1/4	1,094.24	1/4	901.05	1/4	707.85	1/4	514.65	1/4	322.79	1/4	131.32	1/4		1/4		1/4		1/4	
1/2	1,090.22	1/2	897.02	1/2	703.83	1/2	510.63	1/2	318.82	1/2	127.29	1/2		1/2		1/2		1/2	
3/4	1,086.19	3/4	893.00	3/4	699.80	3/4	506.61	3/4	314.87	3/4	123.40	3/4		3/4		3/4		3/4	
4	1,082.17	4	888.97	4	695.78	4	502.58	4	310.92	4	119.50	4		4		4		4	
1/4	1,078.14	1/4	884.95	1/4	691.75	1/4	498.56	1/4	306.97	1/4	115.60	1/4		1/4		1/4		1/4	
1/2	1,074.12	1/2	880.92	1/2	687.73	1/2	494.53	1/2	303.02	1/2	111.71	1/2		1/2		1/2		1/2	
3/4	1,070.09	3/4	876.90	3/4	683.70	3/4	490.51	3/4	299.09	3/4	107.83	3/4		3/4		3/4		3/4	
5	1,066.07	5	872.87	5	679.68	5	486.48	5	295.16	5	103.96	5		5		5		5	
1/4	1,062.04	1/4	868.85	1/4	675.65	1/4	482.46	1/4	291.23	1/4	100.08	1/4		1/4		1/4		1/4	
1/2	1,058.02	1/2	864.82	1/2	671.63	1/2	478.43	1/2	287.30	1/2	96.21	1/2		1/2		1/2		1/2	
3/4	1,053.99	3/4	860.80	3/4	667.60	3/4	474.41	3/4	283.37	3/4	92.34	3/4		3/4		3/4		3/4	
6	1,049.97	6	856.77	6	663.58	6	470.38	6	279.44	6	88.47	6		6		6		6	
1/4	1,045.94	1/4	852.75	1/4	659.55	1/4	466.36	1/4	275.52	1/4	84.60	1/4		1/4		1/4		1/4	
1/2	1,041.92	1/2	848.72	1/2	655.53	1/2	462.33	1/2	271.59	1/2	80.73	1/2		1/2		1/2		1/2	
3/4	1,037.89	3/4	844.70	3/4	651.50	3/4	458.31	3/4	267.66	3/4	76.87	3/4		3/4		3/4		3/4	
7	1,033.87	7	840.67	7	647.48	7	454.28	7	263.73	7	73.00	7		7		7		7	
1/4	1,029.84	1/4	836.65	1/4	643.45	1/4	450.26	1/4	259.81	1/4	69.14	1/4		1/4		1/4		1/4	
1/2	1,025.82	1/2	832.62	1/2	639.43	1/2	446.23	1/2	255.88	1/2	65.28	1/2		1/2		1/2		1/2	
3/4	1,021.79	3/4	828.60	3/4	635.40	3/4	442.24	3/4	251.90	3/4	61.43	3/4		3/4		3/4		3/4	
8	1,017.77	8	824.57	8	631.38	8	438.25	8	247.92	8	57.58	8		8		8		8	
1/4	1,013.74	1/4	820.55	1/4	627.35	1/4	434.26	1/4	243.94	1/4	53.73	1/4		1/4		1/4		1/4	
1/2	1,009.72	1/2	816.52	1/2	623.33	1/2	430.26	1/2	239.96	1/2	49.88	1/2		1/2		1/2		1/2	
3/4	1,005.69	3/4	812.50	3/4	619.30	3/4	426.28	3/4	235.94	3/4	46.05	3/4		3/4		3/4		3/4	
9	1,001.67	9	808.47	9	615.28	9	422.29	9	231.92	9	42.22	9		9		9		9	
1/4	997.64	1/4	804.45	1/4	611.25	1/4	418.30	1/4	227.90	1/4	38.39	1/4		1/4		1/4		1/4	
1/2	993.62	1/2	800.42	1/2	607.23	1/2	414.31	1/2	223.88	1/2	34.56	1/2		1/2		1/2		1/2	
3/4	989.59	3/4	796.40	3/4	603.20	3/4	410.33	3/4	219.86	3/4	31.00	3/4		3/4		3/4		3/4	
10	985.57	10	792.37	10	599.18	10	406.34	10	215.83	10	27.44	10		10		10		10	
1/4	981.54	1/4	788.35	1/4	595.15	1/4	402.35	1/4	211.81	1/4	23.88	1/4		1/4		1/4		1/4	
1/2	977.52	1/2	784.32	1/2	591.13	1/2	398.37	1/2	207.79	1/2	20.33	1/2		1/2		1/2		1/2	
3/4	973.49	3/4	780.30	3/4	587.10	3/4	394.38	3/4	203.76	3/4	17.69	3/4		3/4		3/4		3/4	
11	969.47	11	776.27	11	583.08	11	390.39	11	199.74	11	15.05	11		11		11		11	
1/4	965.44	1/4	772.25	1/4	579.05	1/4	386.41	1/4	195.71	1/4	12.40	1/4		1/4		1/4		1/4	
1/2	961.42	1/2	768.22	1/2	575.03	1/2	382.42	1/2	191.69	1/2	9.76	1/2		1/2		1/2		1/2	
3/4	957.39	3/4	764.20	3/4	571.00	3/4	378.43	3/4	187.66	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "BUFFALO 404"

4 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/4"

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.
0		0		0		0		0	2,624.46	0	2,405.41	0	2,184.41	0	1,963.41	0	1,742.41	0	1,521.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,619.90	1/4	2,400.80	1/4	2,179.80	1/4	1,958.81	1/4	1,737.81	1/4	1,516.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,615.35	1/2	2,396.20	1/2	2,175.20	1/2	1,954.20	1/2	1,733.21	1/2	1,512.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,824.59	3/4	2,610.79	3/4	2,391.59	3/4	2,170.60	3/4	1,949.60	3/4	1,728.60
1		1		1		1		1	2,821.40	1	2,606.24	1	2,386.99	1	2,165.99	1	1,945.00	1	1,724.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,818.21	1/4	2,601.68	1/4	2,382.38	1/4	2,161.39	1/4	1,940.39	1/4	1,719.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,814.03	1/2	2,597.13	1/2	2,377.78	1/2	2,156.78	1/2	1,935.79	1/2	1,714.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,809.85	3/4	2,592.57	3/4	2,373.18	3/4	2,152.18	3/4	1,931.18	3/4	1,710.19
2		2		2		2		2	2,805.66	2	2,588.02	2	2,368.57	2	2,147.58	2	1,926.58	2	1,705.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,801.48	1/4	2,583.46	1/4	2,363.97	1/4	2,142.97	1/4	1,921.97	1/4	1,700.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,797.03	1/2	2,578.91	1/2	2,359.36	1/2	2,138.37	1/2	1,917.37	1/2	1,696.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,792.57	3/4	2,574.35	3/4	2,354.76	3/4	2,133.76	3/4	1,912.77	3/4	1,691.77
3		3		3		3		3	2,788.11	3	2,569.80	3	2,350.16	3	2,129.16	3	1,908.16	3	1,687.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,783.66	1/4	2,565.24	1/4	2,345.55	1/4	2,124.56	1/4	1,903.56	1/4	1,682.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,779.13	1/2	2,560.69	1/2	2,340.95	1/2	2,119.95	1/2	1,898.95	1/2	1,677.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,774.61	3/4	2,556.13	3/4	2,336.34	3/4	2,115.35	3/4	1,894.35	3/4	1,673.35
4		4		4		4		4	2,770.09	4	2,551.58	4	2,331.74	4	2,110.74	4	1,889.75	4	1,668.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,765.56	1/4	2,547.02	1/4	2,327.14	1/4	2,106.14	1/4	1,885.14	1/4	1,664.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,761.02	1/2	2,542.47	1/2	2,322.53	1/2	2,101.53	1/2	1,880.54	1/2	1,659.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,756.48	3/4	2,537.91	3/4	2,317.93	3/4	2,096.93	3/4	1,875.93	3/4	1,654.94
5		5		5		5		5	2,751.94	5	2,533.36	5	2,313.32	5	2,092.33	5	1,871.33	5	1,650.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,747.40	1/4	2,528.80	1/4	2,308.72	1/4	2,087.72	1/4	1,866.73	1/4	1,645.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,742.85	1/2	2,524.25	1/2	2,304.11	1/2	2,083.12	1/2	1,862.12	1/2	1,641.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,738.30	3/4	2,519.69	3/4	2,299.51	3/4	2,078.51	3/4	1,857.52	3/4	1,636.52
6		6		6		6		6	2,733.75	6	2,515.14	6	2,294.91	6	2,073.91	6	1,852.91	6	1,631.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,729.21	1/4	2,510.59	1/4	2,290.30	1/4	2,069.31	1/4	1,848.31	1/4	1,627.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,724.65	1/2	2,506.03	1/2	2,285.70	1/2	2,064.70	1/2	1,843.70	1/2	1,622.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,720.10	3/4	2,501.48	3/4	2,281.09	3/4	2,060.10	3/4	1,839.10	3/4	1,618.10
7		7		7		7		7	2,715.55	7	2,496.92	7	2,276.49	7	2,055.49	7	1,834.50	7	1,613.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,711.00	1/4	2,492.37	1/4	2,271.89	1/4	2,050.89	1/4	1,829.89	1/4	1,608.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,706.44	1/2	2,487.81	1/2	2,267.28	1/2	2,046.29	1/2	1,825.29	1/2	1,604.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,701.89	3/4	2,483.26	3/4	2,262.68	3/4	2,041.68	3/4	1,820.68	3/4	1,599.69
8		8		8		8		8	2,697.33	8	2,478.70	8	2,258.07	8	2,037.08	8	1,816.08	8	1,595.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,692.78	1/4	2,474.15	1/4	2,253.47	1/4	2,032.47	1/4	1,811.48	1/4	1,590.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,688.22	1/2	2,469.59	1/2	2,248.87	1/2	2,027.87	1/2	1,806.87	1/2	1,585.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,683.67	3/4	2,465.04	3/4	2,244.26	3/4	2,023.26	3/4	1,802.27	3/4	1,581.27
9		9		9		9		9	2,679.11	9	2,460.48	9	2,239.66	9	2,018.66	9	1,797.66	9	1,576.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,674.56	1/4	2,455.93	1/4	2,235.05	1/4	2,014.06	1/4	1,793.06	1/4	1,572.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,670.00	1/2	2,451.35	1/2	2,230.45	1/2	2,009.45	1/2	1,788.46	1/2	1,567.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,665.45	3/4	2,446.77	3/4	2,225.85	3/4	2,004.85	3/4	1,783.85	3/4	1,562.85
10		10		10		10		10	2,660.89	10	2,442.20	10	2,221.24	10	2,000.24	10	1,779.25	10	1,558.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,656.34	1/4	2,437.62	1/4	2,216.64	1/4	1,995.64	1/4	1,774.64	1/4	1,553.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,651.78	1/2	2,433.02	1/2	2,212.03	1/2	1,991.04	1/2	1,770.04	1/2	1,549.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,647.23	3/4	2,428.42	3/4	2,207.43	3/4	1,986.43	3/4	1,765.44	3/4	1,544.44
11		11		11		11		11	2,642.67	11	2,423.82	11	2,202.82	11	1,981.83	11	1,760.83	11	1,539.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,638.12	1/4	2,419.22	1/4	2,198.22	1/4	1,977.22	1/4	1,756.23	1/4	1,535.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,633.56	1/2	2,414.61	1/2	2,193.62	1/2	1,972.62	1/2	1,751.62	1/2	1,530.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,629.01	3/4	2,410.01	3/4	2,189.01	3/4	1,968.02	3/4	1,747.02	3/4	1,526.02

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" DIAMETER STANDPIPE.
 GAUGE POINT: (8" STANDPIPE) LOCATED 12'-08" OFF CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

4 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,301.46	0	1,080.47	0	859.47	0	638.47	0	420.70	0	205.39	0		0		0		0	
1/4	1,296.86	1/4	1,075.86	1/4	854.86	1/4	633.87	1/4	416.27	1/4	200.79	1/4		1/4		1/4		1/4	
1/2	1,292.25	1/2	1,071.26	1/2	850.26	1/2	629.26	1/2	411.85	1/2	196.18	1/2		1/2		1/2		1/2	
3/4	1,287.65	3/4	1,066.65	3/4	845.66	3/4	624.66	3/4	407.44	3/4	191.58	3/4		3/4		3/4		3/4	
1	1,283.05	1	1,062.05	1	841.05	1	620.06	1	403.02	1	186.97	1		1		1		1	
1/4	1,278.44	1/4	1,057.44	1/4	836.45	1/4	615.45	1/4	398.61	1/4	182.37	1/4		1/4		1/4		1/4	
1/2	1,273.84	1/2	1,052.84	1/2	831.84	1/2	610.85	1/2	394.19	1/2	177.77	1/2		1/2		1/2		1/2	
3/4	1,269.23	3/4	1,048.24	3/4	827.24	3/4	606.24	3/4	389.78	3/4	173.16	3/4		3/4		3/4		3/4	
2	1,264.63	2	1,043.63	2	822.64	2	601.64	2	385.37	2	168.56	2		2		2		2	
1/4	1,260.03	1/4	1,039.03	1/4	818.03	1/4	597.03	1/4	380.96	1/4	163.95	1/4		1/4		1/4		1/4	
1/2	1,255.42	1/2	1,034.42	1/2	813.43	1/2	592.43	1/2	376.54	1/2	159.35	1/2		1/2		1/2		1/2	
3/4	1,250.82	3/4	1,029.82	3/4	808.82	3/4	587.83	3/4	372.13	3/4	154.75	3/4		3/4		3/4		3/4	
3	1,246.21	3	1,025.22	3	804.22	3	583.22	3	367.72	3	150.14	3		3		3		3	
1/4	1,241.61	1/4	1,020.61	1/4	799.62	1/4	578.62	1/4	363.30	1/4	145.54	1/4		1/4		1/4		1/4	
1/2	1,237.00	1/2	1,016.01	1/2	795.01	1/2	574.01	1/2	358.89	1/2	141.08	1/2		1/2		1/2		1/2	
3/4	1,232.40	3/4	1,011.40	3/4	790.41	3/4	569.41	3/4	354.48	3/4	136.63	3/4		3/4		3/4		3/4	
4	1,227.80	4	1,006.80	4	785.80	4	564.81	4	350.07	4	132.17	4		4		4		4	
1/4	1,223.19	1/4	1,002.20	1/4	781.20	1/4	560.20	1/4	345.65	1/4	127.72	1/4		1/4		1/4		1/4	
1/2	1,218.59	1/2	997.59	1/2	776.59	1/2	555.60	1/2	341.24	1/2	123.28	1/2		1/2		1/2		1/2	
3/4	1,213.98	3/4	992.99	3/4	771.99	3/4	550.99	3/4	336.83	3/4	118.85	3/4		3/4		3/4		3/4	
5	1,209.38	5	988.38	5	767.39	5	546.39	5	332.42	5	114.42	5		5		5		5	
1/4	1,204.78	1/4	983.78	1/4	762.78	1/4	541.79	1/4	328.00	1/4	109.99	1/4		1/4		1/4		1/4	
1/2	1,200.17	1/2	979.17	1/2	758.18	1/2	537.18	1/2	323.59	1/2	105.56	1/2		1/2		1/2		1/2	
3/4	1,195.57	3/4	974.57	3/4	753.57	3/4	532.58	3/4	319.18	3/4	101.13	3/4		3/4		3/4		3/4	
6	1,190.96	6	969.97	6	748.97	6	527.97	6	314.76	6	96.71	6		6		6		6	
1/4	1,186.36	1/4	965.36	1/4	744.37	1/4	523.37	1/4	310.35	1/4	92.28	1/4		1/4		1/4		1/4	
1/2	1,181.76	1/2	960.76	1/2	739.76	1/2	518.76	1/2	305.94	1/2	87.86	1/2		1/2		1/2		1/2	
3/4	1,177.15	3/4	956.15	3/4	735.16	3/4	514.16	3/4	301.53	3/4	83.44	3/4		3/4		3/4		3/4	
7	1,172.55	7	951.55	7	730.55	7	509.56	7	297.11	7	79.02	7		7		7		7	
1/4	1,167.94	1/4	946.95	1/4	725.95	1/4	504.95	1/4	292.70	1/4	74.61	1/4		1/4		1/4		1/4	
1/2	1,163.34	1/2	942.34	1/2	721.35	1/2	500.50	1/2	288.14	1/2	70.20	1/2		1/2		1/2		1/2	
3/4	1,158.73	3/4	937.74	3/4	716.74	3/4	496.05	3/4	283.57	3/4	65.80	3/4		3/4		3/4		3/4	
8	1,154.13	8	933.13	8	712.14	8	491.60	8	279.01	8	61.39	8		8		8		8	
1/4	1,149.53	1/4	928.53	1/4	707.53	1/4	487.15	1/4	274.44	1/4	56.99	1/4		1/4		1/4		1/4	
1/2	1,144.92	1/2	923.93	1/2	702.93	1/2	482.72	1/2	269.84	1/2	52.61	1/2		1/2		1/2		1/2	
3/4	1,140.32	3/4	919.32	3/4	698.32	3/4	478.29	3/4	265.24	3/4	48.23	3/4		3/4		3/4		3/4	
9	1,135.71	9	914.72	9	693.72	9	473.86	9	260.64	9	43.85	9		9		9		9	
1/4	1,131.11	1/4	910.11	1/4	689.12	1/4	469.43	1/4	256.03	1/4	39.47	1/4		1/4		1/4		1/4	
1/2	1,126.51	1/2	905.51	1/2	684.51	1/2	465.00	1/2	251.43	1/2	35.40	1/2		1/2		1/2		1/2	
3/4	1,121.90	3/4	900.91	3/4	679.91	3/4	460.57	3/4	246.83	3/4	31.33	3/4		3/4		3/4		3/4	
10	1,117.30	10	896.30	10	675.30	10	456.14	10	242.22	10	27.26	10		10		10		10	
1/4	1,112.69	1/4	891.70	1/4	670.70	1/4	451.71	1/4	237.62	1/4	23.19	1/4		1/4		1/4		1/4	
1/2	1,108.09	1/2	887.09	1/2	666.10	1/2	447.28	1/2	233.01	1/2	20.17	1/2		1/2		1/2		1/2	
3/4	1,103.49	3/4	882.49	3/4	661.49	3/4	442.85	3/4	228.41	3/4	17.15	3/4		3/4		3/4		3/4	
11	1,098.88	11	877.88	11	656.89	11	438.42	11	223.81	11	14.13	11		11		11		11	
1/4	1,094.28	1/4	873.28	1/4	652.28	1/4	433.99	1/4	219.20	1/4	11.10	1/4		1/4		1/4		1/4	
1/2	1,089.67	1/2	868.68	1/2	647.68	1/2	429.56	1/2	214.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,085.07	3/4	864.07	3/4	643.08	3/4	425.13	3/4	209.99	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "BUFFALO 404"

4 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11"

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.
0		0		0		0		0	2,612.70	0	2,394.18	0	2,173.74	0	1,953.29	0	1,732.85	0	1,512.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,608.16	1/4	2,389.59	1/4	2,169.14	1/4	1,948.70	1/4	1,728.26	1/4	1,507.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,816.89	1/2	2,603.61	1/2	2,385.00	1/2	2,164.55	1/2	1,944.11	1/2	1,723.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,813.71	3/4	2,599.07	3/4	2,380.40	3/4	2,159.96	3/4	1,939.51	3/4	1,719.07
1		1		1		1		1	2,810.53	1	2,594.53	1	2,375.81	1	2,155.37	1	1,934.92	1	1,714.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,806.35	1/4	2,589.98	1/4	2,371.22	1/4	2,150.77	1/4	1,930.33	1/4	1,709.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,802.18	1/2	2,585.44	1/2	2,366.63	1/2	2,146.18	1/2	1,925.74	1/2	1,705.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,798.01	3/4	2,580.90	3/4	2,362.03	3/4	2,141.59	3/4	1,921.14	3/4	1,700.70
2		2		2		2		2	2,793.84	2	2,576.35	2	2,357.44	2	2,137.00	2	1,916.55	2	1,696.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,789.39	1/4	2,571.81	1/4	2,352.85	1/4	2,132.40	1/4	1,911.96	1/4	1,691.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,784.95	1/2	2,567.27	1/2	2,348.26	1/2	2,127.81	1/2	1,907.37	1/2	1,686.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,780.50	3/4	2,562.72	3/4	2,343.66	3/4	2,123.22	3/4	1,902.77	3/4	1,682.33
3		3		3		3		3	2,776.06	3	2,558.18	3	2,339.07	3	2,118.63	3	1,898.18	3	1,677.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,771.55	1/4	2,553.64	1/4	2,334.48	1/4	2,114.03	1/4	1,893.59	1/4	1,673.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,767.03	1/2	2,549.09	1/2	2,329.89	1/2	2,109.44	1/2	1,889.00	1/2	1,668.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,762.52	3/4	2,544.55	3/4	2,325.29	3/4	2,104.85	3/4	1,884.40	3/4	1,663.96
4		4		4		4		4	2,758.01	4	2,540.01	4	2,320.70	4	2,100.26	4	1,879.81	4	1,659.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,753.48	1/4	2,535.46	1/4	2,316.11	1/4	2,095.66	1/4	1,875.22	1/4	1,654.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,748.95	1/2	2,530.92	1/2	2,311.52	1/2	2,091.07	1/2	1,870.63	1/2	1,650.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,744.42	3/4	2,526.38	3/4	2,306.92	3/4	2,086.48	3/4	1,866.03	3/4	1,645.59
5		5		5		5		5	2,739.89	5	2,521.83	5	2,302.33	5	2,081.89	5	1,861.44	5	1,641.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,735.35	1/4	2,517.29	1/4	2,297.74	1/4	2,077.29	1/4	1,856.85	1/4	1,636.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,730.82	1/2	2,512.75	1/2	2,293.14	1/2	2,072.70	1/2	1,852.26	1/2	1,631.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,726.28	3/4	2,508.20	3/4	2,288.55	3/4	2,068.11	3/4	1,847.66	3/4	1,627.22
6		6		6		6		6	2,721.74	6	2,503.66	6	2,283.96	6	2,063.51	6	1,843.07	6	1,622.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,717.20	1/4	2,499.12	1/4	2,279.37	1/4	2,058.92	1/4	1,838.48	1/4	1,618.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,712.65	1/2	2,494.57	1/2	2,274.77	1/2	2,054.33	1/2	1,833.88	1/2	1,613.44
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,708.11	3/4	2,490.03	3/4	2,270.18	3/4	2,049.74	3/4	1,829.29	3/4	1,608.85
7		7		7		7		7	2,703.57	7	2,485.48	7	2,265.59	7	2,045.14	7	1,824.70	7	1,604.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,699.02	1/4	2,480.94	1/4	2,261.00	1/4	2,040.55	1/4	1,820.11	1/4	1,599.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,694.48	1/2	2,476.40	1/2	2,256.40	1/2	2,035.96	1/2	1,815.51	1/2	1,595.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,689.94	3/4	2,471.85	3/4	2,251.81	3/4	2,031.37	3/4	1,810.92	3/4	1,590.48
8		8		8		8		8	2,685.39	8	2,467.31	8	2,247.22	8	2,026.77	8	1,806.33	8	1,585.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,680.85	1/4	2,462.77	1/4	2,242.63	1/4	2,022.18	1/4	1,801.74	1/4	1,581.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,676.31	1/2	2,458.22	1/2	2,238.03	1/2	2,017.59	1/2	1,797.14	1/2	1,576.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,671.76	3/4	2,453.68	3/4	2,233.44	3/4	2,013.00	3/4	1,792.55	3/4	1,572.11
9		9		9		9		9	2,667.22	9	2,449.14	9	2,228.85	9	2,008.40	9	1,787.96	9	1,567.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,662.68	1/4	2,444.57	1/4	2,224.26	1/4	2,003.81	1/4	1,783.37	1/4	1,562.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,658.13	1/2	2,440.01	1/2	2,219.66	1/2	1,999.22	1/2	1,778.77	1/2	1,558.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,653.59	3/4	2,435.44	3/4	2,215.07	3/4	1,994.63	3/4	1,774.18	3/4	1,553.74
10		10		10		10		10	2,649.05	10	2,430.88	10	2,210.48	10	1,990.03	10	1,769.59	10	1,549.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,644.50	1/4	2,426.30	1/4	2,205.89	1/4	1,985.44	1/4	1,765.00	1/4	1,544.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,639.96	1/2	2,421.72	1/2	2,201.29	1/2	1,980.85	1/2	1,760.40	1/2	1,539.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,635.42	3/4	2,417.13	3/4	2,196.70	3/4	1,976.26	3/4	1,755.81	3/4	1,535.37
11		11		11		11		11	2,630.87	11	2,412.55	11	2,192.11	11	1,971.66	11	1,751.22	11	1,530.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,626.33	1/4	2,407.96	1/4	2,187.52	1/4	1,967.07	1/4	1,746.63	1/4	1,526.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,621.79	1/2	2,403.37	1/2	2,182.92	1/2	1,962.48	1/2	1,742.03	1/2	1,521.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,617.24	3/4	2,398.77	3/4	2,178.33	3/4	1,957.89	3/4	1,737.44	3/4	1,517.00

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" DIAMETER STANDPIPE.
 GAUGE POINT: (8" STANDPIPE) LOCATED 12'-08" OFF CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

4 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-11"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,291.96	0	1,071.51	0	851.07	0	630.62	0	414.20	0	200.35	0		0		0		0	
1/4	1,287.37	1/4	1,066.92	1/4	846.48	1/4	626.03	1/4	409.83	1/4	195.76	1/4		1/4		1/4		1/4	
1/2	1,282.77	1/2	1,062.33	1/2	841.88	1/2	621.44	1/2	405.46	1/2	191.17	1/2		1/2		1/2		1/2	
3/4	1,278.18	3/4	1,057.74	3/4	837.29	3/4	616.85	3/4	401.09	3/4	186.57	3/4		3/4		3/4		3/4	
1	1,273.59	1	1,053.14	1	832.70	1	612.25	1	396.72	1	181.98	1		1		1		1	
1/4	1,269.00	1/4	1,048.55	1/4	828.11	1/4	607.66	1/4	392.35	1/4	177.39	1/4		1/4		1/4		1/4	
1/2	1,264.40	1/2	1,043.96	1/2	823.51	1/2	603.07	1/2	387.98	1/2	172.80	1/2		1/2		1/2		1/2	
3/4	1,259.81	3/4	1,039.37	3/4	818.92	3/4	598.48	3/4	383.61	3/4	168.20	3/4		3/4		3/4		3/4	
2	1,255.22	2	1,034.77	2	814.33	2	593.88	2	379.24	2	163.61	2		2		2		2	
1/4	1,250.62	1/4	1,030.18	1/4	809.74	1/4	589.29	1/4	374.87	1/4	159.02	1/4		1/4		1/4		1/4	
1/2	1,246.03	1/2	1,025.59	1/2	805.14	1/2	584.70	1/2	370.50	1/2	154.43	1/2		1/2		1/2		1/2	
3/4	1,241.44	3/4	1,020.99	3/4	800.55	3/4	580.11	3/4	366.14	3/4	149.83	3/4		3/4		3/4		3/4	
3	1,236.85	3	1,016.40	3	795.96	3	575.51	3	361.77	3	145.24	3		3		3		3	
1/4	1,232.25	1/4	1,011.81	1/4	791.36	1/4	570.92	1/4	357.40	1/4	140.80	1/4		1/4		1/4		1/4	
1/2	1,227.66	1/2	1,007.22	1/2	786.77	1/2	566.33	1/2	353.04	1/2	136.35	1/2		1/2		1/2		1/2	
3/4	1,223.07	3/4	1,002.62	3/4	782.18	3/4	561.73	3/4	348.67	3/4	131.91	3/4		3/4		3/4		3/4	
4	1,218.48	4	998.03	4	777.59	4	557.14	4	344.31	4	127.46	4		4		4		4	
1/4	1,213.88	1/4	993.44	1/4	772.99	1/4	552.55	1/4	339.95	1/4	123.04	1/4		1/4		1/4		1/4	
1/2	1,209.29	1/2	988.85	1/2	768.40	1/2	547.96	1/2	335.59	1/2	118.62	1/2		1/2		1/2		1/2	
3/4	1,204.70	3/4	984.25	3/4	763.81	3/4	543.36	3/4	331.23	3/4	114.20	3/4		3/4		3/4		3/4	
5	1,200.11	5	979.66	5	759.22	5	538.77	5	326.87	5	109.78	5		5		5		5	
1/4	1,195.51	1/4	975.07	1/4	754.62	1/4	534.18	1/4	322.51	1/4	105.36	1/4		1/4		1/4		1/4	
1/2	1,190.92	1/2	970.48	1/2	750.03	1/2	529.59	1/2	318.15	1/2	100.95	1/2		1/2		1/2		1/2	
3/4	1,186.33	3/4	965.88	3/4	745.44	3/4	524.99	3/4	313.79	3/4	96.53	3/4		3/4		3/4		3/4	
6	1,181.74	6	961.29	6	740.85	6	520.40	6	309.43	6	92.12	6		6		6		6	
1/4	1,177.14	1/4	956.70	1/4	736.25	1/4	515.81	1/4	305.07	1/4	87.71	1/4		1/4		1/4		1/4	
1/2	1,172.55	1/2	952.11	1/2	731.66	1/2	511.22	1/2	300.71	1/2	83.30	1/2		1/2		1/2		1/2	
3/4	1,167.96	3/4	947.51	3/4	727.07	3/4	506.62	3/4	296.35	3/4	78.89	3/4		3/4		3/4		3/4	
7	1,163.37	7	942.92	7	722.48	7	502.03	7	291.99	7	74.49	7		7		7		7	
1/4	1,158.77	1/4	938.33	1/4	717.88	1/4	497.62	1/4	287.45	1/4	70.09	1/4		1/4		1/4		1/4	
1/2	1,154.18	1/2	933.74	1/2	713.29	1/2	493.21	1/2	282.90	1/2	65.70	1/2		1/2		1/2		1/2	
3/4	1,149.59	3/4	929.14	3/4	708.70	3/4	488.79	3/4	278.36	3/4	61.31	3/4		3/4		3/4		3/4	
8	1,144.99	8	924.55	8	704.11	8	484.38	8	273.82	8	56.91	8		8		8		8	
1/4	1,140.40	1/4	919.96	1/4	699.51	1/4	480.00	1/4	269.23	1/4	52.54	1/4		1/4		1/4		1/4	
1/2	1,135.81	1/2	915.36	1/2	694.92	1/2	475.61	1/2	264.64	1/2	48.17	1/2		1/2		1/2		1/2	
3/4	1,131.22	3/4	910.77	3/4	690.33	3/4	471.22	3/4	260.05	3/4	43.80	3/4		3/4		3/4		3/4	
9	1,126.62	9	906.18	9	685.73	9	466.84	9	255.46	9	39.43	9		9		9		9	
1/4	1,122.03	1/4	901.59	1/4	681.14	1/4	462.45	1/4	250.87	1/4	35.37	1/4		1/4		1/4		1/4	
1/2	1,117.44	1/2	896.99	1/2	676.55	1/2	458.07	1/2	246.27	1/2	31.32	1/2		1/2		1/2		1/2	
3/4	1,112.85	3/4	892.40	3/4	671.96	3/4	453.68	3/4	241.68	3/4	27.26	3/4		3/4		3/4		3/4	
10	1,108.25	10	887.81	10	667.36	10	449.29	10	237.09	10	23.20	10		10		10		10	
1/4	1,103.66	1/4	883.22	1/4	662.77	1/4	444.91	1/4	232.50	1/4	20.18	1/4		1/4		1/4		1/4	
1/2	1,099.07	1/2	878.62	1/2	658.18	1/2	440.52	1/2	227.91	1/2	17.17	1/2		1/2		1/2		1/2	
3/4	1,094.48	3/4	874.03	3/4	653.59	3/4	436.13	3/4	223.31	3/4	14.16	3/4		3/4		3/4		3/4	
11	1,089.88	11	869.44	11	648.99	11	431.75	11	218.72	11	11.14	11		11		11		11	
1/4	1,085.29	1/4	864.85	1/4	644.40	1/4	427.36	1/4	214.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,080.70	1/2	860.25	1/2	639.81	1/2	422.98	1/2	209.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,076.11	3/4	855.66	3/4	635.22	3/4	418.59	3/4	204.94	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

5 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

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.
0		0		0		0	2,777.29	0	2,567.36	0	2,347.48	0	2,125.74	0	1,903.99	0	1,682.21	0	1,460.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,777.29	1/4	2,567.36	1/4	2,342.86	1/4	2,121.12	1/4	1,899.37	1/4	1,677.59	1/4	1,455.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,774.09	1/2	2,558.22	1/2	2,338.24	1/2	2,116.50	1/2	1,894.75	1/2	1,672.97	1/2	1,451.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,770.90	3/4	2,553.65	3/4	2,333.62	3/4	2,111.88	3/4	1,890.13	3/4	1,668.35	3/4	1,446.57
1	1	1	1	1	1	1	2,766.70	1	2,549.08	1	2,329.00	1	2,107.26	1	1,885.51	1	1,663.73	1	1,441.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,762.51	1/4	2,544.51	1/4	2,324.38	1/4	2,102.64	1/4	1,880.89	1/4	1,659.11	1/4	1,437.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,758.31	1/2	2,539.94	1/2	2,319.76	1/2	2,098.02	1/2	1,876.27	1/2	1,654.49	1/2	1,432.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,754.11	3/4	2,535.37	3/4	2,315.14	3/4	2,093.40	3/4	1,871.65	3/4	1,649.87	3/4	1,428.09
2	2	2	2	2	2	2	2,749.64	2	2,530.80	2	2,310.52	2	2,088.78	2	1,867.03	2	1,645.25	2	1,423.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,745.17	1/4	2,526.23	1/4	2,305.90	1/4	2,084.16	1/4	1,862.41	1/4	1,640.63	1/4	1,418.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,740.70	1/2	2,521.66	1/2	2,301.28	1/2	2,079.55	1/2	1,857.79	1/2	1,636.01	1/2	1,414.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,736.23	3/4	2,517.09	3/4	2,296.66	3/4	2,074.93	3/4	1,853.17	3/4	1,631.39	3/4	1,409.61
3	3	3	3	3	3	3	2,731.69	3	2,512.52	3	2,292.04	3	2,070.31	3	1,848.55	3	1,626.77	3	1,404.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,727.15	1/4	2,507.95	1/4	2,287.42	1/4	2,065.69	1/4	1,843.92	1/4	1,622.15	1/4	1,400.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,722.62	1/2	2,503.38	1/2	2,282.80	1/2	2,061.07	1/2	1,839.30	1/2	1,617.53	1/2	1,395.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,718.08	3/4	2,498.81	3/4	2,278.18	3/4	2,056.45	3/4	1,834.68	3/4	1,612.90	3/4	1,391.13
4	4	4	4	4	4	4	2,713.52	4	2,494.24	4	2,273.56	4	2,051.83	4	1,830.06	4	1,608.28	4	1,386.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,708.96	1/4	2,489.67	1/4	2,268.94	1/4	2,047.21	1/4	1,825.44	1/4	1,603.66	1/4	1,381.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,704.41	1/2	2,485.10	1/2	2,264.33	1/2	2,042.59	1/2	1,820.82	1/2	1,599.04	1/2	1,377.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,699.85	3/4	2,480.53	3/4	2,259.71	3/4	2,037.97	3/4	1,816.20	3/4	1,594.42	3/4	1,372.64
5	5	5	5	5	5	5	2,695.29	5	2,475.96	5	2,255.09	5	2,033.35	5	1,811.58	5	1,589.80	5	1,368.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,690.72	1/4	2,471.39	1/4	2,250.47	1/4	2,028.73	1/4	1,806.96	1/4	1,585.18	1/4	1,363.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,686.16	1/2	2,466.82	1/2	2,245.85	1/2	2,024.11	1/2	1,802.34	1/2	1,580.56	1/2	1,358.78
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,681.60	3/4	2,462.25	3/4	2,241.23	3/4	2,019.49	3/4	1,797.72	3/4	1,575.94	3/4	1,354.16
6	6	6	6	6	6	6	2,677.03	6	2,457.68	6	2,236.61	6	2,014.87	6	1,793.10	6	1,571.32	6	1,349.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,672.46	1/4	2,453.11	1/4	2,231.99	1/4	2,010.25	1/4	1,788.48	1/4	1,566.70	1/4	1,345.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,667.90	1/2	2,448.54	1/2	2,227.37	1/2	2,005.63	1/2	1,783.86	1/2	1,562.08	1/2	1,340.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,663.33	3/4	2,443.97	3/4	2,222.75	3/4	2,001.01	3/4	1,779.24	3/4	1,557.46	3/4	1,335.98
7	7	7	7	7	7	7	2,658.76	7	2,439.40	7	2,218.13	7	1,996.39	7	1,774.62	7	1,552.84	7	1,331.44
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,654.19	1/4	2,434.83	1/4	2,213.51	1/4	1,991.77	1/4	1,770.00	1/4	1,548.22	1/4	1,326.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,649.62	1/2	2,430.26	1/2	2,208.89	1/2	1,987.16	1/2	1,765.38	1/2	1,543.60	1/2	1,322.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,645.05	3/4	2,425.69	3/4	2,204.27	3/4	1,982.54	3/4	1,760.76	3/4	1,538.98	3/4	1,317.84
8	8	8	8	8	8	8	2,640.48	8	2,421.12	8	2,199.65	8	1,977.92	8	1,756.14	8	1,534.36	8	1,313.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,635.91	1/4	2,416.55	1/4	2,195.03	1/4	1,973.30	1/4	1,751.52	1/4	1,529.74	1/4	1,308.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,631.34	1/2	2,411.98	1/2	2,190.41	1/2	1,968.68	1/2	1,746.90	1/2	1,525.12	1/2	1,304.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,626.77	3/4	2,407.41	3/4	2,185.79	3/4	1,964.06	3/4	1,742.28	3/4	1,520.50	3/4	1,299.70
9	9	9	9	9	9	9	2,622.20	9	2,402.81	9	2,181.17	9	1,959.43	9	1,737.66	9	1,515.88	9	1,295.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,617.63	1/4	2,398.22	1/4	2,176.55	1/4	1,954.81	1/4	1,733.04	1/4	1,511.26	1/4	1,290.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,613.06	1/2	2,393.63	1/2	2,171.94	1/2	1,950.19	1/2	1,728.41	1/2	1,506.64	1/2	1,286.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,608.49	3/4	2,389.04	3/4	2,167.32	3/4	1,945.57	3/4	1,723.79	3/4	1,502.02	3/4	1,281.56
10	10	10	10	10	10	10	2,603.92	10	2,384.42	10	2,162.70	10	1,940.95	10	1,719.17	10	1,497.39	10	1,276.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,599.35	1/4	2,379.81	1/4	2,158.08	1/4	1,936.33	1/4	1,714.55	1/4	1,492.77	1/4	1,272.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,594.78	1/2	2,375.19	1/2	2,153.46	1/2	1,931.71	1/2	1,709.93	1/2	1,488.15	1/2	1,267.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,590.21	3/4	2,370.57	3/4	2,148.84	3/4	1,927.09	3/4	1,705.31	3/4	1,483.53	3/4	1,263.11
11	11	11	11	11	11	11	2,585.64	11	2,365.95	11	2,144.22	11	1,922.47	11	1,700.69	11	1,478.91	11	1,258.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,581.07	1/4	2,361.33	1/4	2,139.60	1/4	1,917.85	1/4	1,696.07	1/4	1,474.29	1/4	1,253.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,576.50	1/2	2,356.72	1/2	2,134.98	1/2	1,913.23	1/2	1,691.45	1/2	1,469.67	1/2	1,249.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,571.93	3/4	2,352.10	3/4	2,130.36	3/4	1,908.61	3/4	1,686.83	3/4	1,465.05	3/4	1,244.63

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" DIAMETER STANDPIPE.
 GAUGE POINT: (8" STANDPIPE) LOCATED 12'-08" OFF CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

5 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,240.01	0	1,018.90	0	798.08	0	576.45	0	358.18	0	141.51	0		0		0		0	
1/4	1,235.39	1/4	1,014.31	1/4	793.47	1/4	571.84	1/4	353.75	1/4	136.88	1/4		1/4		1/4		1/4	
1/2	1,230.77	1/2	1,009.72	1/2	788.85	1/2	567.22	1/2	349.32	1/2	132.26	1/2		1/2		1/2		1/2	
3/4	1,226.15	3/4	1,005.13	3/4	784.23	3/4	562.60	3/4	344.88	3/4	127.64	3/4		3/4		3/4		3/4	
1	1,221.53	1	1,000.55	1	779.61	1	557.98	1	340.45	1	123.02	1		1		1		1	
1/4	1,216.91	1/4	995.96	1/4	775.00	1/4	553.37	1/4	336.02	1/4	118.40	1/4		1/4		1/4		1/4	
1/2	1,212.29	1/2	991.37	1/2	770.38	1/2	548.75	1/2	331.59	1/2	113.77	1/2		1/2		1/2		1/2	
3/4	1,207.67	3/4	986.78	3/4	765.76	3/4	544.13	3/4	327.15	3/4	109.15	3/4		3/4		3/4		3/4	
2	1,203.05	2	982.20	2	761.14	2	539.51	2	322.72	2	104.53	2		2		2		2	
1/4	1,198.43	1/4	977.61	1/4	756.53	1/4	534.90	1/4	318.29	1/4	99.91	1/4		1/4		1/4		1/4	
1/2	1,193.81	1/2	973.02	1/2	751.91	1/2	530.28	1/2	313.86	1/2	95.29	1/2		1/2		1/2		1/2	
3/4	1,189.19	3/4	968.43	3/4	747.29	3/4	525.66	3/4	309.43	3/4	90.66	3/4		3/4		3/4		3/4	
3	1,184.56	3	963.85	3	742.68	3	521.04	3	304.99	3	86.19	3		3		3		3	
1/4	1,179.94	1/4	959.26	1/4	738.06	1/4	516.43	1/4	300.56	1/4	81.72	1/4		1/4		1/4		1/4	
1/2	1,175.32	1/2	954.67	1/2	733.44	1/2	511.81	1/2	296.13	1/2	77.25	1/2		1/2		1/2		1/2	
3/4	1,170.70	3/4	950.08	3/4	728.82	3/4	507.19	3/4	291.70	3/4	72.77	3/4		3/4		3/4		3/4	
4	1,166.08	4	945.50	4	724.21	4	502.58	4	287.27	4	68.33	4		4		4		4	
1/4	1,161.46	1/4	940.91	1/4	719.59	1/4	497.96	1/4	282.83	1/4	63.88	1/4		1/4		1/4		1/4	
1/2	1,156.84	1/2	936.32	1/2	714.97	1/2	493.34	1/2	278.40	1/2	59.43	1/2		1/2		1/2		1/2	
3/4	1,152.22	3/4	931.73	3/4	710.35	3/4	488.72	3/4	273.97	3/4	54.98	3/4		3/4		3/4		3/4	
5	1,147.60	5	927.15	5	705.74	5	484.11	5	269.53	5	50.87	5		5		5		5	
1/4	1,142.98	1/4	922.56	1/4	701.12	1/4	479.49	1/4	265.08	1/4	46.77	1/4		1/4		1/4		1/4	
1/2	1,138.36	1/2	917.97	1/2	696.50	1/2	474.87	1/2	260.64	1/2	42.66	1/2		1/2		1/2		1/2	
3/4	1,133.74	3/4	913.38	3/4	691.88	3/4	470.25	3/4	256.19	3/4	38.56	3/4		3/4		3/4		3/4	
6	1,129.12	6	908.80	6	687.27	6	465.64	6	251.75	6	35.17	6		6		6		6	
1/4	1,124.50	1/4	904.21	1/4	682.65	1/4	461.02	1/4	247.30	1/4	31.79	1/4		1/4		1/4		1/4	
1/2	1,119.88	1/2	899.62	1/2	678.03	1/2	456.40	1/2	242.86	1/2	28.41	1/2		1/2		1/2		1/2	
3/4	1,115.26	3/4	895.03	3/4	673.42	3/4	451.79	3/4	238.41	3/4	25.03	3/4		3/4		3/4		3/4	
7	1,110.66	7	890.42	7	668.80	7	447.30	7	233.83	7	22.43	7		7		7		7	
1/4	1,106.07	1/4	885.80	1/4	664.18	1/4	442.82	1/4	229.24	1/4	19.83	1/4		1/4		1/4		1/4	
1/2	1,101.48	1/2	881.19	1/2	659.56	1/2	438.34	1/2	224.66	1/2	17.24	1/2		1/2		1/2		1/2	
3/4	1,096.89	3/4	876.58	3/4	654.95	3/4	433.86	3/4	220.07	3/4	14.64	3/4		3/4		3/4		3/4	
8	1,092.30	8	871.96	8	650.33	8	429.40	8	215.45	8	12.84	8		8		8		8	
1/4	1,087.71	1/4	867.34	1/4	645.71	1/4	424.94	1/4	210.83	1/4	11.04	1/4		1/4		1/4		1/4	
1/2	1,083.12	1/2	862.72	1/2	641.09	1/2	420.48	1/2	206.21	1/2	9.24	1/2		1/2		1/2		1/2	
3/4	1,078.54	3/4	858.11	3/4	636.48	3/4	416.02	3/4	201.59	3/4	7.45	3/4		3/4		3/4		3/4	
9	1,073.95	9	853.49	9	631.86	9	411.56	9	196.97	9		9		9		9		9	
1/4	1,069.36	1/4	848.87	1/4	627.24	1/4	407.11	1/4	192.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,064.77	1/2	844.26	1/2	622.63	1/2	402.66	1/2	187.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,060.19	3/4	839.64	3/4	618.01	3/4	398.21	3/4	183.10	3/4		3/4		3/4		3/4		3/4	
10	1,055.60	10	835.02	10	613.39	10	393.76	10	178.48	10		10		10		10		10	
1/4	1,051.01	1/4	830.40	1/4	608.77	1/4	389.31	1/4	173.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,046.42	1/2	825.79	1/2	604.16	1/2	384.86	1/2	169.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,041.84	3/4	821.17	3/4	599.54	3/4	380.42	3/4	164.62	3/4		3/4		3/4		3/4		3/4	
11	1,037.25	11	816.55	11	594.92	11	375.97	11	159.99	11		11		11		11		11	
1/4	1,032.66	1/4	811.93	1/4	590.30	1/4	371.52	1/4	155.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,028.07	1/2	807.32	1/2	585.69	1/2	367.07	1/2	150.75	1/2		1/2		1/2		1/2		1/2	
3/4	1,023.49	3/4	802.70	3/4	581.07	3/4	362.62	3/4	146.13	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/01/2024 JS
CALCULATED: 02/02/2024 CL
PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "BUFFALO 404"

5 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

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.
0		0		0		0	2,771.57	0	2,562.16	0	2,342.84	0	2,121.67	0	1,900.49	0	1,679.28	0	1,458.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,771.57	1/4	2,557.60	1/4	2,338.23	1/4	2,117.06	1/4	1,895.88	1/4	1,674.67	1/4	1,453.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,768.38	1/2	2,553.04	1/2	2,333.62	1/2	2,112.45	1/2	1,891.27	1/2	1,670.06	1/2	1,448.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,765.19	3/4	2,548.49	3/4	2,329.02	3/4	2,107.85	3/4	1,886.67	3/4	1,665.45	3/4	1,444.24
1		1		1		1	2,761.01	1	2,543.93	1	2,324.41	1	2,103.24	1	1,882.06	1	1,660.84	1	1,439.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,756.82	1/4	2,539.37	1/4	2,319.80	1/4	2,098.63	1/4	1,877.45	1/4	1,656.24	1/4	1,435.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,752.64	1/2	2,534.81	1/2	2,315.19	1/2	2,094.02	1/2	1,872.84	1/2	1,651.63	1/2	1,430.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,748.45	3/4	2,530.25	3/4	2,310.59	3/4	2,089.42	3/4	1,868.23	3/4	1,647.02	3/4	1,425.81
2		2		2		2	2,743.99	2	2,525.69	2	2,305.98	2	2,084.81	2	1,863.62	2	1,642.41	2	1,421.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,739.53	1/4	2,521.13	1/4	2,301.37	1/4	2,080.20	1/4	1,859.01	1/4	1,637.80	1/4	1,416.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,735.08	1/2	2,516.58	1/2	2,296.76	1/2	2,075.59	1/2	1,854.41	1/2	1,633.19	1/2	1,411.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,730.62	3/4	2,512.02	3/4	2,292.16	3/4	2,070.99	3/4	1,849.80	3/4	1,628.58	3/4	1,407.37
3		3		3		3	2,726.09	3	2,507.46	3	2,287.55	3	2,066.38	3	1,845.19	3	1,623.98	3	1,402.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,721.56	1/4	2,502.90	1/4	2,282.94	1/4	2,061.77	1/4	1,840.58	1/4	1,619.37	1/4	1,398.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,717.03	1/2	2,498.34	1/2	2,278.33	1/2	2,057.16	1/2	1,835.97	1/2	1,614.76	1/2	1,393.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,712.51	3/4	2,493.78	3/4	2,273.72	3/4	2,052.55	3/4	1,831.36	3/4	1,610.15	3/4	1,388.94
4		4		4		4	2,707.96	4	2,489.23	4	2,269.12	4	2,047.95	4	1,826.75	4	1,605.54	4	1,384.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,703.42	1/4	2,484.67	1/4	2,264.51	1/4	2,043.34	1/4	1,822.15	1/4	1,600.93	1/4	1,379.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,698.87	1/2	2,480.11	1/2	2,259.90	1/2	2,038.73	1/2	1,817.54	1/2	1,596.32	1/2	1,375.11
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,694.33	3/4	2,475.55	3/4	2,255.29	3/4	2,034.12	3/4	1,812.93	3/4	1,591.72	3/4	1,370.50
5		5		5		5	2,689.78	5	2,470.99	5	2,250.69	5	2,029.52	5	1,808.32	5	1,587.11	5	1,365.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,685.22	1/4	2,466.43	1/4	2,246.08	1/4	2,024.91	1/4	1,803.71	1/4	1,582.50	1/4	1,361.29
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,680.67	1/2	2,461.87	1/2	2,241.47	1/2	2,020.30	1/2	1,799.10	1/2	1,577.89	1/2	1,356.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,676.12	3/4	2,457.32	3/4	2,236.86	3/4	2,015.69	3/4	1,794.49	3/4	1,573.28	3/4	1,352.07
6		6		6		6	2,671.56	6	2,452.76	6	2,232.25	6	2,011.09	6	1,789.89	6	1,568.67	6	1,347.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,667.00	1/4	2,448.20	1/4	2,227.65	1/4	2,006.48	1/4	1,785.28	1/4	1,564.06	1/4	1,342.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,662.45	1/2	2,443.64	1/2	2,223.04	1/2	2,001.87	1/2	1,780.67	1/2	1,559.46	1/2	1,338.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,657.89	3/4	2,439.08	3/4	2,218.43	3/4	1,997.26	3/4	1,776.06	3/4	1,554.85	3/4	1,333.63
7		7		7		7	2,653.33	7	2,434.52	7	2,213.82	7	1,992.65	7	1,771.45	7	1,550.24	7	1,329.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,648.77	1/4	2,429.96	1/4	2,209.22	1/4	1,988.05	1/4	1,766.84	1/4	1,545.63	1/4	1,324.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,644.21	1/2	2,425.41	1/2	2,204.61	1/2	1,983.44	1/2	1,762.23	1/2	1,541.02	1/2	1,319.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,639.66	3/4	2,420.85	3/4	2,200.00	3/4	1,978.83	3/4	1,757.63	3/4	1,536.41	3/4	1,315.20
8		8		8		8	2,635.10	8	2,416.29	8	2,195.39	8	1,974.22	8	1,753.02	8	1,531.80	8	1,310.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,630.54	1/4	2,411.73	1/4	2,190.79	1/4	1,969.62	1/4	1,748.41	1/4	1,527.20	1/4	1,305.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,625.98	1/2	2,407.17	1/2	2,186.18	1/2	1,965.01	1/2	1,743.80	1/2	1,522.59	1/2	1,301.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,621.42	3/4	2,402.61	3/4	2,181.57	3/4	1,960.40	3/4	1,739.19	3/4	1,517.98	3/4	1,296.77
9		9		9		9	2,616.86	9	2,398.03	9	2,176.96	9	1,955.80	9	1,734.58	9	1,513.37	9	1,292.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,612.30	1/4	2,393.45	1/4	2,172.35	1/4	1,951.19	1/4	1,729.97	1/4	1,508.76	1/4	1,287.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,607.75	1/2	2,388.87	1/2	2,167.75	1/2	1,946.58	1/2	1,725.37	1/2	1,504.15	1/2	1,282.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,603.19	3/4	2,384.29	3/4	2,163.14	3/4	1,941.97	3/4	1,720.76	3/4	1,499.54	3/4	1,278.33
10		10		10		10	2,598.63	10	2,379.69	10	2,158.53	10	1,937.36	10	1,716.15	10	1,494.94	10	1,273.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,594.07	1/4	2,375.09	1/4	2,153.92	1/4	1,932.75	1/4	1,711.54	1/4	1,490.33	1/4	1,269.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,589.51	1/2	2,370.48	1/2	2,149.32	1/2	1,928.14	1/2	1,706.93	1/2	1,485.72	1/2	1,264.51
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,584.95	3/4	2,365.88	3/4	2,144.71	3/4	1,923.53	3/4	1,702.32	3/4	1,481.11	3/4	1,259.90
11		11		11		11	2,580.40	11	2,361.27	11	2,140.10	11	1,918.93	11	1,697.71	11	1,476.50	11	1,255.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	2,575.84	1/4	2,356.66	1/4	2,135.49	1/4	1,914.32	1/4	1,693.10	1/4	1,471.89	1/4	1,250.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	2,571.28	1/2	2,352.06	1/2	2,130.89	1/2	1,909.71	1/2	1,688.50	1/2	1,467.28	1/2	1,246.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	2,566.72	3/4	2,347.45	3/4	2,126.28	3/4	1,905.10	3/4	1,683.89	3/4	1,462.67	3/4	1,241.46

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" DIAMETER STANDPIPE.
 GAUGE POINT: (8" STANDPIPE) LOCATED 12'-08" OFF CENTERLINE AND 23'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "BUFFALO 404"

5 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,236.85	0	1,016.31	0	796.08	0	575.02	0	357.32	0	141.20	0		0		0		0	
1/4	1,232.24	1/4	1,011.74	1/4	791.47	1/4	570.42	1/4	352.90	1/4	136.59	1/4		1/4		1/4		1/4	
1/2	1,227.64	1/2	1,007.16	1/2	786.87	1/2	565.81	1/2	348.47	1/2	131.98	1/2		1/2		1/2		1/2	
3/4	1,223.03	3/4	1,002.59	3/4	782.26	3/4	561.21	3/4	344.05	3/4	127.37	3/4		3/4		3/4		3/4	
1	1,218.42	1	998.01	1	777.66	1	556.60	1	339.63	1	122.76	1		1		1		1	
1/4	1,213.81	1/4	993.44	1/4	773.05	1/4	552.00	1/4	335.21	1/4	118.15	1/4		1/4		1/4		1/4	
1/2	1,209.20	1/2	988.86	1/2	768.45	1/2	547.39	1/2	330.79	1/2	113.54	1/2		1/2		1/2		1/2	
3/4	1,204.59	3/4	984.28	3/4	763.84	3/4	542.79	3/4	326.37	3/4	108.93	3/4		3/4		3/4		3/4	
2	1,199.98	2	979.71	2	759.23	2	538.18	2	321.95	2	104.32	2		2		2		2	
1/4	1,195.38	1/4	975.13	1/4	754.63	1/4	533.57	1/4	317.53	1/4	99.71	1/4		1/4		1/4		1/4	
1/2	1,190.77	1/2	970.56	1/2	750.02	1/2	528.97	1/2	313.11	1/2	95.10	1/2		1/2		1/2		1/2	
3/4	1,186.16	3/4	965.98	3/4	745.42	3/4	524.36	3/4	308.69	3/4	90.49	3/4		3/4		3/4		3/4	
3	1,181.55	3	961.41	3	740.81	3	519.76	3	304.27	3	86.03	3		3		3		3	
1/4	1,176.94	1/4	956.83	1/4	736.21	1/4	515.15	1/4	299.84	1/4	81.57	1/4		1/4		1/4		1/4	
1/2	1,172.33	1/2	952.25	1/2	731.60	1/2	510.55	1/2	295.42	1/2	77.11	1/2		1/2		1/2		1/2	
3/4	1,167.72	3/4	947.68	3/4	727.00	3/4	505.94	3/4	291.00	3/4	72.65	3/4		3/4		3/4		3/4	
4	1,163.12	4	943.10	4	722.39	4	501.34	4	286.58	4	68.21	4		4		4		4	
1/4	1,158.51	1/4	938.53	1/4	717.79	1/4	496.73	1/4	282.16	1/4	63.77	1/4		1/4		1/4		1/4	
1/2	1,153.90	1/2	933.95	1/2	713.18	1/2	492.13	1/2	277.74	1/2	59.34	1/2		1/2		1/2		1/2	
3/4	1,149.29	3/4	929.38	3/4	708.58	3/4	487.52	3/4	273.32	3/4	54.90	3/4		3/4		3/4		3/4	
5	1,144.68	5	924.80	5	703.97	5	482.92	5	268.89	5	50.80	5		5		5		5	
1/4	1,140.07	1/4	920.22	1/4	699.37	1/4	478.31	1/4	264.46	1/4	46.71	1/4		1/4		1/4		1/4	
1/2	1,135.46	1/2	915.65	1/2	694.76	1/2	473.71	1/2	260.02	1/2	42.61	1/2		1/2		1/2		1/2	
3/4	1,130.86	3/4	911.07	3/4	690.15	3/4	469.10	3/4	255.59	3/4	38.52	3/4		3/4		3/4		3/4	
6	1,126.25	6	906.50	6	685.55	6	464.50	6	251.16	6	35.14	6		6		6		6	
1/4	1,121.64	1/4	901.92	1/4	680.94	1/4	459.89	1/4	246.72	1/4	31.77	1/4		1/4		1/4		1/4	
1/2	1,117.03	1/2	897.35	1/2	676.34	1/2	455.28	1/2	242.29	1/2	28.39	1/2		1/2		1/2		1/2	
3/4	1,112.42	3/4	892.77	3/4	671.73	3/4	450.68	3/4	237.85	3/4	25.02	3/4		3/4		3/4		3/4	
7	1,107.84	7	888.17	7	667.13	7	446.21	7	233.28	7	22.43	7		7		7		7	
1/4	1,103.26	1/4	883.57	1/4	662.52	1/4	441.74	1/4	228.71	1/4	19.83	1/4		1/4		1/4		1/4	
1/2	1,098.68	1/2	878.97	1/2	657.92	1/2	437.27	1/2	224.13	1/2	17.24	1/2		1/2		1/2		1/2	
3/4	1,094.10	3/4	874.37	3/4	653.31	3/4	432.80	3/4	219.56	3/4	14.65	3/4		3/4		3/4		3/4	
8	1,089.53	8	869.76	8	648.71	8	428.35	8	214.95	8	12.85	8		8		8		8	
1/4	1,084.95	1/4	865.16	1/4	644.10	1/4	423.90	1/4	210.35	1/4	11.06	1/4		1/4		1/4		1/4	
1/2	1,080.37	1/2	860.55	1/2	639.50	1/2	419.45	1/2	205.74	1/2	9.26	1/2		1/2		1/2		1/2	
3/4	1,075.80	3/4	855.95	3/4	634.89	3/4	415.00	3/4	201.13	3/4	7.46	3/4		3/4		3/4		3/4	
9	1,071.22	9	851.34	9	630.29	9	410.56	9	196.52	9		9		9		9		9	
1/4	1,066.65	1/4	846.74	1/4	625.68	1/4	406.12	1/4	191.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,062.07	1/2	842.13	1/2	621.08	1/2	401.68	1/2	187.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,057.50	3/4	837.52	3/4	616.47	3/4	397.24	3/4	182.69	3/4		3/4		3/4		3/4		3/4	
10	1,052.92	10	832.92	10	611.86	10	392.81	10	178.08	10		10		10		10		10	
1/4	1,048.34	1/4	828.31	1/4	607.26	1/4	388.37	1/4	173.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,043.77	1/2	823.71	1/2	602.65	1/2	383.93	1/2	168.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,039.19	3/4	819.10	3/4	598.05	3/4	379.49	3/4	164.25	3/4		3/4		3/4		3/4		3/4	
11	1,034.62	11	814.50	11	593.44	11	375.06	11	159.64	11		11		11		11		11	
1/4	1,030.04	1/4	809.89	1/4	588.84	1/4	370.62	1/4	155.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,025.47	1/2	805.29	1/2	584.23	1/2	366.18	1/2	150.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,020.89	3/4	800.68	3/4	579.63	3/4	361.74	3/4	145.81	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRINTED: 02/05/2024 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024

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