



BARGE "TMTB 102"

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	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8
1 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
2 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
2 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
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 1'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 3'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 235'-00"

September 29, 2020

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
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<http://www.pmacorp.net>



BARGE "TMTB 102"

1 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,301.10	0	3,993.42	0	3,669.24	0	3,338.58	0	3,007.91	0	2,677.24	0	2,346.57	0	2,015.91
1/4		1/4		1/4	4,294.85	1/4	3,986.82	1/4	3,662.35	1/4	3,331.69	1/4	3,001.02	1/4	2,670.35	1/4	2,339.69	1/4	2,009.02
1/2		1/2		1/2	4,288.60	1/2	3,980.21	1/2	3,655.47	1/2	3,324.80	1/2	2,994.13	1/2	2,663.46	1/2	2,332.80	1/2	2,002.13
3/4		3/4		3/4	4,580.87	3/4	4,282.35	3/4	3,973.61	3/4	3,648.58	3/4	3,317.91	3/4	2,987.24	3/4	2,656.58	3/4	2,325.91
1		1		1	4,575.49	1	4,276.07	1	3,966.98	1	3,641.69	1	3,311.02	1	2,980.35	1	2,649.69	1	2,319.02
1/4		1/4		1/4	4,570.12	1/4	4,269.80	1/4	3,960.35	1/4	3,634.80	1/4	3,304.13	1/4	2,973.46	1/4	2,642.80	1/4	2,312.13
1/2		1/2		1/2	4,564.74	1/2	4,263.52	1/2	3,953.72	1/2	3,627.91	1/2	3,297.24	1/2	2,966.58	1/2	2,635.91	1/2	2,305.24
3/4		3/4		3/4	4,559.36	3/4	4,257.25	3/4	3,947.09	3/4	3,621.02	3/4	3,290.35	3/4	2,959.69	3/4	2,629.02	3/4	2,298.35
2		2		2	4,552.95	2	4,250.94	2	3,940.43	2	3,614.13	2	3,283.47	2	2,952.80	2	2,622.13	2	2,291.46
1/4		1/4		1/4	4,546.54	1/4	4,244.64	1/4	3,933.78	1/4	3,607.24	1/4	3,276.58	1/4	2,945.91	1/4	2,615.24	1/4	2,284.57
1/2		1/2		1/2	4,540.13	1/2	4,238.34	1/2	3,927.12	1/2	3,600.35	1/2	3,269.69	1/2	2,939.02	1/2	2,608.35	1/2	2,277.69
3/4		3/4		3/4	4,533.72	3/4	4,232.03	3/4	3,920.46	3/4	3,593.47	3/4	3,262.80	3/4	2,932.13	3/4	2,601.46	3/4	2,270.80
3		3		3	4,526.97	3	4,225.71	3	3,913.78	3	3,586.58	3	3,255.91	3	2,925.24	3	2,594.58	3	2,263.91
1/4		1/4		1/4	4,520.21	1/4	4,219.38	1/4	3,907.10	1/4	3,579.69	1/4	3,249.02	1/4	2,918.35	1/4	2,587.69	1/4	2,257.02
1/2		1/2		1/2	4,513.46	1/2	4,213.05	1/2	3,900.41	1/2	3,572.80	1/2	3,242.13	1/2	2,911.46	1/2	2,580.80	1/2	2,250.13
3/4		3/4		3/4	4,506.71	3/4	4,206.72	3/4	3,893.73	3/4	3,565.91	3/4	3,235.24	3/4	2,904.58	3/4	2,573.91	3/4	2,243.24
4		4		4	4,499.95	4	4,200.36	4	3,887.02	4	3,559.02	4	3,228.35	4	2,897.69	4	2,567.02	4	2,236.35
1/4		1/4		1/4	4,493.20	1/4	4,194.01	1/4	3,880.31	1/4	3,552.13	1/4	3,221.47	1/4	2,890.80	1/4	2,560.13	1/4	2,229.46
1/2		1/2		1/2	4,486.44	1/2	4,187.65	1/2	3,873.60	1/2	3,545.24	1/2	3,214.58	1/2	2,883.91	1/2	2,553.24	1/2	2,222.57
3/4		3/4		3/4	4,479.69	3/4	4,181.30	3/4	3,866.90	3/4	3,538.35	3/4	3,207.69	3/4	2,877.02	3/4	2,546.35	3/4	2,215.69
5		5		5	4,473.32	5	4,174.92	5	3,860.16	5	3,531.47	5	3,200.80	5	2,870.13	5	2,539.46	5	2,208.80
1/4		1/4		1/4	4,466.95	1/4	4,168.54	1/4	3,853.42	1/4	3,524.58	1/4	3,193.91	1/4	2,863.24	1/4	2,532.58	1/4	2,201.91
1/2		1/2		1/2	4,460.58	1/2	4,162.16	1/2	3,846.69	1/2	3,517.69	1/2	3,187.02	1/2	2,856.35	1/2	2,525.69	1/2	2,195.02
3/4		3/4		3/4	4,454.21	3/4	4,155.77	3/4	3,839.95	3/4	3,510.80	3/4	3,180.13	3/4	2,849.46	3/4	2,518.80	3/4	2,188.13
6		6		6	4,448.21	6	4,149.37	6	3,833.19	6	3,503.91	6	3,173.24	6	2,842.58	6	2,511.91	6	2,181.24
1/4		1/4		1/4	4,442.21	1/4	4,142.96	1/4	3,826.43	1/4	3,497.02	1/4	3,166.35	1/4	2,835.69	1/4	2,505.02	1/4	2,174.35
1/2		1/2		1/2	4,436.22	1/2	4,136.55	1/2	3,819.67	1/2	3,490.13	1/2	3,159.47	1/2	2,828.80	1/2	2,498.13	1/2	2,167.46
3/4		3/4		3/4	4,430.22	3/4	4,130.14	3/4	3,812.91	3/4	3,483.24	3/4	3,152.58	3/4	2,821.91	3/4	2,491.24	3/4	2,160.57
7		7		7	4,424.19	7	4,123.71	7	3,806.12	7	3,476.35	7	3,145.69	7	2,815.02	7	2,484.35	7	2,153.69
1/4		1/4		1/4	4,418.17	1/4	4,117.28	1/4	3,799.33	1/4	3,469.47	1/4	3,138.80	1/4	2,808.13	1/4	2,477.46	1/4	2,146.80
1/2		1/2		1/2	4,412.15	1/2	4,110.84	1/2	3,792.55	1/2	3,462.58	1/2	3,131.91	1/2	2,801.24	1/2	2,470.58	1/2	2,139.91
3/4		3/4		3/4	4,406.12	3/4	4,104.41	3/4	3,785.76	3/4	3,455.69	3/4	3,125.02	3/4	2,794.35	3/4	2,463.69	3/4	2,133.02
8		8		8	4,400.02	8	4,097.95	8	3,778.95	8	3,448.80	8	3,118.13	8	2,787.46	8	2,456.80	8	2,126.13
1/4		1/4		1/4	4,393.92	1/4	4,091.49	1/4	3,772.13	1/4	3,441.91	1/4	3,111.24	1/4	2,780.58	1/4	2,449.91	1/4	2,119.24
1/2		1/2		1/2	4,387.83	1/2	4,085.03	1/2	3,765.32	1/2	3,435.02	1/2	3,104.35	1/2	2,773.69	1/2	2,443.02	1/2	2,112.35
3/4		3/4		3/4	4,381.73	3/4	4,078.57	3/4	3,758.50	3/4	3,428.13	3/4	3,097.47	3/4	2,766.80	3/4	2,436.13	3/4	2,105.46
9		9		9	4,375.56	9	4,072.07	9	3,751.66	9	3,421.24	9	3,090.58	9	2,759.91	9	2,429.24	9	2,098.57
1/4		1/4		1/4	4,369.38	1/4	4,065.56	1/4	3,744.82	1/4	3,414.35	1/4	3,083.69	1/4	2,753.02	1/4	2,422.35	1/4	2,091.69
1/2		1/2		1/2	4,363.21	1/2	4,059.05	1/2	3,737.98	1/2	3,407.47	1/2	3,076.80	1/2	2,746.13	1/2	2,415.46	1/2	2,084.80
3/4		3/4		3/4	4,357.04	3/4	4,052.55	3/4	3,731.14	3/4	3,400.58	3/4	3,069.91	3/4	2,739.24	3/4	2,408.58	3/4	2,077.91
10		10		10	4,350.84	10	4,046.00	10	3,724.28	10	3,393.69	10	3,063.02	10	2,732.35	10	2,401.69	10	2,071.02
1/4		1/4		1/4	4,344.65	1/4	4,039.44	1/4	3,717.41	1/4	3,386.80	1/4	3,056.13	1/4	2,725.46	1/4	2,394.80	1/4	2,064.13
1/2		1/2		1/2	4,338.45	1/2	4,032.89	1/2	3,710.55	1/2	3,379.91	1/2	3,049.24	1/2	2,718.58	1/2	2,387.91	1/2	2,057.24
3/4		3/4		3/4	4,332.25	3/4	4,026.34	3/4	3,703.68	3/4	3,373.02	3/4	3,042.35	3/4	2,711.69	3/4	2,381.02	3/4	2,050.35
11		11		11	4,326.02	11	4,019.76	11	3,696.79	11	3,366.13	11	3,035.46	11	2,704.80	11	2,374.13	11	2,043.46
1/4		1/4		1/4	4,319.80	1/4	4,013.18	1/4	3,689.91	1/4	3,359.24	1/4	3,028.58	1/4	2,697.91	1/4	2,367.24	1/4	2,036.58
1/2		1/2		1/2	4,313.58	1/2	4,006.61	1/2	3,683.02	1/2	3,352.35	1/2	3,021.69	1/2	2,691.02	1/2	2,360.35	1/2	2,029.69
3/4		3/4		3/4	4,307.35	3/4	4,000.03	3/4	3,676.13	3/4	3,345.47	3/4	3,014.80	3/4	2,684.13	3/4	2,353.46	3/4	2,022.80

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 TO TOP LIP OF 2" HERMETIC VALVE

GAUGE POINT: (HERMETIC) LOCATED 11'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "TMTB 102"

1 PORT

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 15'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,685.13	0	1,354.35	0	1,024.00	0	708.33	0	415.36	0	143.65	0		0		0		0	
1/4	1,678.24	1/4	1,347.45	1/4	1,017.21	1/4	701.99	1/4	409.48	1/4	138.22	1/4		1/4		1/4		1/4	
1/2	1,671.35	1/2	1,340.56	1/2	1,010.41	1/2	695.66	1/2	403.60	1/2	132.80	1/2		1/2		1/2		1/2	
3/4	1,664.45	3/4	1,333.67	3/4	1,003.62	3/4	689.32	3/4	397.72	3/4	127.38	3/4		3/4		3/4		3/4	
1	1,657.56	1	1,326.78	1	996.86	1	683.02	1	391.88	1	121.99	1		1		1		1	
1/4	1,650.67	1/4	1,319.89	1/4	990.10	1/4	676.72	1/4	386.03	1/4	116.61	1/4		1/4		1/4		1/4	
1/2	1,643.78	1/2	1,313.00	1/2	983.34	1/2	670.42	1/2	380.19	1/2	111.23	1/2		1/2		1/2		1/2	
3/4	1,636.89	3/4	1,306.11	3/4	976.58	3/4	664.12	3/4	374.35	3/4	105.84	3/4		3/4		3/4		3/4	
2	1,630.00	2	1,299.22	2	969.87	2	657.86	2	368.55	2	100.50	2		2		2		2	
1/4	1,623.11	1/4	1,292.32	1/4	963.15	1/4	651.59	1/4	362.74	1/4	95.15	1/4		1/4		1/4		1/4	
1/2	1,616.22	1/2	1,285.43	1/2	956.43	1/2	645.33	1/2	356.94	1/2	89.80	1/2		1/2		1/2		1/2	
3/4	1,609.32	3/4	1,278.54	3/4	949.71	3/4	639.07	3/4	351.14	3/4	84.46	3/4		3/4		3/4		3/4	
3	1,602.43	3	1,271.65	3	943.02	3	632.86	3	345.37	3	79.15	3		3		3		3	
1/4	1,595.54	1/4	1,264.76	1/4	936.34	1/4	626.65	1/4	339.60	1/4	73.84	1/4		1/4		1/4		1/4	
1/2	1,588.65	1/2	1,257.87	1/2	929.66	1/2	620.43	1/2	333.84	1/2	68.53	1/2		1/2		1/2		1/2	
3/4	1,581.76	3/4	1,250.98	3/4	922.98	3/4	614.22	3/4	328.07	3/4	63.23	3/4		3/4		3/4		3/4	
4	1,574.87	4	1,244.08	4	916.34	4	608.06	4	322.35	4	57.96	4		4		4		4	
1/4	1,567.98	1/4	1,237.19	1/4	909.69	1/4	601.90	1/4	316.62	1/4	52.69	1/4		1/4		1/4		1/4	
1/2	1,561.08	1/2	1,230.30	1/2	903.05	1/2	595.73	1/2	310.89	1/2	47.42	1/2		1/2		1/2		1/2	
3/4	1,554.19	3/4	1,223.41	3/4	896.41	3/4	589.57	3/4	305.16	3/4	42.15	3/4		3/4		3/4		3/4	
5	1,547.30	5	1,216.52	5	889.80	5	583.45	5	299.47	5	37.49	5		5		5		5	
1/4	1,540.41	1/4	1,209.63	1/4	883.20	1/4	577.32	1/4	293.79	1/4	32.83	1/4		1/4		1/4		1/4	
1/2	1,533.52	1/2	1,202.74	1/2	876.59	1/2	571.20	1/2	288.10	1/2	28.18	1/2		1/2		1/2		1/2	
3/4	1,526.63	3/4	1,195.85	3/4	869.99	3/4	565.07	3/4	282.41	3/4	23.52	3/4		3/4		3/4		3/4	
6	1,519.74	6	1,188.95	6	863.42	6	558.98	6	276.76	6	20.19	6		6		6		6	
1/4	1,512.85	1/4	1,182.06	1/4	856.85	1/4	552.90	1/4	271.10	1/4	16.86	1/4		1/4		1/4		1/4	
1/2	1,505.95	1/2	1,175.17	1/2	850.29	1/2	546.81	1/2	265.45	1/2	13.53	1/2		1/2		1/2		1/2	
3/4	1,499.06	3/4	1,168.28	3/4	843.72	3/4	540.73	3/4	259.80	3/4	10.20	3/4		3/4		3/4		3/4	
7	1,492.17	7	1,161.39	7	837.19	7	534.68	7	254.19	7		7		7		7		7	
1/4	1,485.28	1/4	1,154.50	1/4	830.66	1/4	528.63	1/4	248.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,478.39	1/2	1,147.61	1/2	824.13	1/2	522.58	1/2	242.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,471.50	3/4	1,140.72	3/4	817.60	3/4	516.53	3/4	237.35	3/4		3/4		3/4		3/4		3/4	
8	1,464.61	8	1,133.82	8	811.11	8	510.52	8	231.77	8		8		8		8		8	
1/4	1,457.72	1/4	1,126.93	1/4	804.62	1/4	504.51	1/4	226.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,450.82	1/2	1,120.04	1/2	798.13	1/2	498.50	1/2	220.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,443.93	3/4	1,113.15	3/4	791.64	3/4	492.49	3/4	215.05	3/4		3/4		3/4		3/4		3/4	
9	1,437.04	9	1,106.26	9	785.19	9	486.52	9	209.51	9		9		9		9		9	
1/4	1,430.15	1/4	1,099.38	1/4	778.74	1/4	480.55	1/4	203.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,423.26	1/2	1,092.49	1/2	772.28	1/2	474.57	1/2	198.44	1/2		1/2		1/2		1/2		1/2	
3/4	1,416.37	3/4	1,085.60	3/4	765.83	3/4	468.60	3/4	192.90	3/4		3/4		3/4		3/4		3/4	
10	1,409.48	10	1,078.74	10	759.42	10	462.67	10	187.40	10		10		10		10		10	
1/4	1,402.58	1/4	1,071.87	1/4	753.00	1/4	456.73	1/4	181.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,395.69	1/2	1,065.00	1/2	746.59	1/2	450.80	1/2	176.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,388.80	3/4	1,058.13	3/4	740.17	3/4	444.87	3/4	170.91	3/4		3/4		3/4		3/4		3/4	
11	1,381.91	11	1,051.30	11	733.80	11	438.96	11	165.45	11		11		11		11		11	
1/4	1,375.02	1/4	1,044.47	1/4	727.42	1/4	433.05	1/4	159.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,368.13	1/2	1,037.63	1/2	721.05	1/2	427.15	1/2	154.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,361.24	3/4	1,030.80	3/4	714.67	3/4	421.24	3/4	149.07	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/28/2020 JS
CALCULATED: 09/29/2020 CL
PRINTED: 09/29/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2020

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



BARGE "TMTB 102"

1 STBD
ULLAGE TABLE

HERMETIC
GAUGE HEIGHT 15'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,309.67	0	4,001.28	0	3,676.39	0	3,344.98	0	3,013.57	0	2,682.17	0	2,350.76	0	2,019.35
1/4		1/4		1/4	4,303.40	1/4	3,994.66	1/4	3,669.48	1/4	3,338.08	1/4	3,006.67	1/4	2,675.26	1/4	2,343.86	1/4	2,012.44
1/2		1/2		1/2	4,297.14	1/2	3,988.04	1/2	3,662.58	1/2	3,331.17	1/2	2,999.76	1/2	2,668.36	1/2	2,336.95	1/2	2,005.54
3/4		3/4		3/4	4,590.09	3/4	4,290.87	3/4	3,981.42	3/4	3,655.67	3/4	3,324.27	3/4	2,992.86	3/4	2,661.45	3/4	2,330.05
1		1		1	4,584.70	1	4,284.58	1	3,974.78	1	3,648.77	1	3,317.36	1	2,985.96	1	2,654.55	1	2,323.14
1/4		1/4		1/4	4,579.31	1/4	4,278.29	1/4	3,968.13	1/4	3,641.86	1/4	3,310.46	1/4	2,979.05	1/4	2,647.65	1/4	2,316.24
1/2		1/2		1/2	4,573.92	1/2	4,272.00	1/2	3,961.49	1/2	3,634.96	1/2	3,303.55	1/2	2,972.15	1/2	2,640.74	1/2	2,309.33
3/4		3/4		3/4	4,568.53	3/4	4,265.71	3/4	3,954.84	3/4	3,628.06	3/4	3,296.65	3/4	2,965.24	3/4	2,633.84	3/4	2,302.43
2		2		2	4,562.10	2	4,259.39	2	3,948.17	2	3,621.15	2	3,289.75	2	2,958.34	2	2,626.93	2	2,295.53
1/4		1/4		1/4	4,555.67	1/4	4,253.07	1/4	3,941.50	1/4	3,614.25	1/4	3,282.84	1/4	2,951.43	1/4	2,620.03	1/4	2,288.62
1/2		1/2		1/2	4,549.25	1/2	4,246.76	1/2	3,934.83	1/2	3,607.34	1/2	3,275.94	1/2	2,944.53	1/2	2,613.12	1/2	2,281.72
3/4		3/4		3/4	4,542.82	3/4	4,240.44	3/4	3,928.15	3/4	3,600.44	3/4	3,269.03	3/4	2,937.63	3/4	2,606.22	3/4	2,274.81
3		3		3	4,536.05	3	4,234.10	3	3,921.46	3	3,593.53	3	3,262.13	3	2,930.72	3	2,599.32	3	2,267.91
1/4		1/4		1/4	4,529.29	1/4	4,227.75	1/4	3,914.76	1/4	3,586.63	1/4	3,255.22	1/4	2,923.82	1/4	2,592.41	1/4	2,261.00
1/2		1/2		1/2	4,522.52	1/2	4,221.41	1/2	3,908.06	1/2	3,579.73	1/2	3,248.32	1/2	2,916.91	1/2	2,585.51	1/2	2,254.10
3/4		3/4		3/4	4,515.75	3/4	4,215.06	3/4	3,901.36	3/4	3,572.82	3/4	3,241.42	3/4	2,910.01	3/4	2,578.60	3/4	2,247.20
4		4		4	4,508.98	4	4,208.69	4	3,894.64	4	3,565.92	4	3,234.51	4	2,903.10	4	2,571.70	4	2,240.29
1/4		1/4		1/4	4,502.21	1/4	4,202.33	1/4	3,887.92	1/4	3,559.01	1/4	3,227.61	1/4	2,896.20	1/4	2,564.79	1/4	2,233.39
1/2		1/2		1/2	4,495.44	1/2	4,195.96	1/2	3,881.19	1/2	3,552.11	1/2	3,220.70	1/2	2,889.30	1/2	2,557.89	1/2	2,226.48
3/4		3/4		3/4	4,488.67	3/4	4,189.59	3/4	3,874.47	3/4	3,545.20	3/4	3,213.80	3/4	2,882.39	3/4	2,550.99	3/4	2,219.58
5		5		5	4,482.29	5	4,183.19	5	3,867.72	5	3,538.30	5	3,206.89	5	2,875.49	5	2,544.08	5	2,212.67
1/4		1/4		1/4	4,475.90	1/4	4,176.79	1/4	3,860.97	1/4	3,531.40	1/4	3,199.99	1/4	2,868.58	1/4	2,537.18	1/4	2,205.77
1/2		1/2		1/2	4,469.52	1/2	4,170.40	1/2	3,854.22	1/2	3,524.49	1/2	3,193.09	1/2	2,861.68	1/2	2,530.27	1/2	2,198.87
3/4		3/4		3/4	4,463.13	3/4	4,164.00	3/4	3,847.47	3/4	3,517.59	3/4	3,186.18	3/4	2,854.77	3/4	2,523.37	3/4	2,191.96
6		6		6	4,457.12	6	4,157.58	6	3,840.69	6	3,510.68	6	3,179.28	6	2,847.87	6	2,516.46	6	2,185.06
1/4		1/4		1/4	4,451.11	1/4	4,151.16	1/4	3,833.91	1/4	3,503.78	1/4	3,172.37	1/4	2,840.97	1/4	2,509.56	1/4	2,178.15
1/2		1/2		1/2	4,445.10	1/2	4,144.74	1/2	3,827.14	1/2	3,496.87	1/2	3,165.47	1/2	2,834.06	1/2	2,502.66	1/2	2,171.25
3/4		3/4		3/4	4,439.08	3/4	4,138.31	3/4	3,820.36	3/4	3,489.97	3/4	3,158.56	3/4	2,827.16	3/4	2,495.75	3/4	2,164.34
7		7		7	4,433.05	7	4,131.87	7	3,813.56	7	3,483.07	7	3,151.66	7	2,820.25	7	2,488.85	7	2,157.44
1/4		1/4		1/4	4,427.01	1/4	4,125.42	1/4	3,806.75	1/4	3,476.16	1/4	3,144.75	1/4	2,813.35	1/4	2,481.94	1/4	2,150.54
1/2		1/2		1/2	4,420.97	1/2	4,118.97	1/2	3,799.95	1/2	3,469.26	1/2	3,137.85	1/2	2,806.44	1/2	2,475.04	1/2	2,143.63
3/4		3/4		3/4	4,414.93	3/4	4,112.52	3/4	3,793.15	3/4	3,462.35	3/4	3,130.95	3/4	2,799.54	3/4	2,468.13	3/4	2,136.73
8		8		8	4,408.82	8	4,106.05	8	3,786.32	8	3,455.45	8	3,124.04	8	2,792.64	8	2,461.23	8	2,129.82
1/4		1/4		1/4	4,402.70	1/4	4,099.57	1/4	3,779.49	1/4	3,448.54	1/4	3,117.14	1/4	2,785.73	1/4	2,454.32	1/4	2,122.92
1/2		1/2		1/2	4,396.59	1/2	4,093.10	1/2	3,772.66	1/2	3,441.64	1/2	3,110.23	1/2	2,778.83	1/2	2,447.42	1/2	2,116.01
3/4		3/4		3/4	4,390.48	3/4	4,086.62	3/4	3,765.83	3/4	3,434.74	3/4	3,103.33	3/4	2,771.92	3/4	2,440.52	3/4	2,109.11
9		9		9	4,384.29	9	4,080.10	9	3,758.98	9	3,427.83	9	3,096.42	9	2,765.02	9	2,433.61	9	2,102.21
1/4		1/4		1/4	4,378.11	1/4	4,073.58	1/4	3,752.12	1/4	3,420.93	1/4	3,089.52	1/4	2,758.11	1/4	2,426.71	1/4	2,095.30
1/2		1/2		1/2	4,371.92	1/2	4,067.06	1/2	3,745.27	1/2	3,414.02	1/2	3,082.62	1/2	2,751.21	1/2	2,419.80	1/2	2,088.40
3/4		3/4		3/4	4,365.74	3/4	4,060.54	3/4	3,738.41	3/4	3,407.12	3/4	3,075.71	3/4	2,744.31	3/4	2,412.90	3/4	2,081.49
10		10		10	4,359.52	10	4,053.97	10	3,731.53	10	3,400.21	10	3,068.81	10	2,737.40	10	2,405.99	10	2,074.59
1/4		1/4		1/4	4,353.31	1/4	4,047.41	1/4	3,724.65	1/4	3,393.31	1/4	3,061.90	1/4	2,730.50	1/4	2,399.09	1/4	2,067.68
1/2		1/2		1/2	4,347.10	1/2	4,040.84	1/2	3,717.77	1/2	3,386.41	1/2	3,055.00	1/2	2,723.59	1/2	2,392.19	1/2	2,060.78
3/4		3/4		3/4	4,340.89	3/4	4,034.27	3/4	3,710.89	3/4	3,379.50	3/4	3,048.09	3/4	2,716.69	3/4	2,385.28	3/4	2,053.88
11		11		11	4,334.65	11	4,027.68	11	3,703.99	11	3,372.60	11	3,041.19	11	2,709.78	11	2,378.38	11	2,046.97
1/4		1/4		1/4	4,328.41	1/4	4,021.09	1/4	3,697.09	1/4	3,365.69	1/4	3,034.29	1/4	2,702.88	1/4	2,371.47	1/4	2,040.07
1/2		1/2		1/2	4,322.17	1/2	4,014.49	1/2	3,690.19	1/2	3,358.79	1/2	3,027.38	1/2	2,695.98	1/2	2,364.57	1/2	2,033.16
3/4		3/4		3/4	4,315.93	3/4	4,007.90	3/4	3,683.29	3/4	3,351.88	3/4	3,020.48	3/4	2,689.07	3/4	2,357.66	3/4	2,026.26

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 TO TOP LIP OF 2" HERMETIC VALVE
GAUGE POINT: (HERMETIC) LOCATED 11'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD

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



BARGE "TMTB 102"

1 STBD

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 15'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,687.83	0	1,356.32	0	1,025.24	0	708.92	0	416.38	0	144.00	0		0		0		0	
1/4	1,680.93	1/4	1,349.41	1/4	1,018.43	1/4	702.60	1/4	410.48	1/4	138.57	1/4		1/4		1/4		1/4	
1/2	1,674.02	1/2	1,342.50	1/2	1,011.62	1/2	696.27	1/2	404.59	1/2	133.13	1/2		1/2		1/2		1/2	
3/4	1,667.11	3/4	1,335.60	3/4	1,004.81	3/4	689.94	3/4	398.70	3/4	127.70	3/4		3/4		3/4		3/4	
1	1,660.21	1	1,328.69	1	998.03	1	683.65	1	392.84	1	122.30	1		1		1		1	
1/4	1,653.30	1/4	1,321.78	1/4	991.26	1/4	677.36	1/4	386.98	1/4	116.90	1/4		1/4		1/4		1/4	
1/2	1,646.39	1/2	1,314.88	1/2	984.49	1/2	671.07	1/2	381.13	1/2	111.50	1/2		1/2		1/2		1/2	
3/4	1,639.49	3/4	1,307.97	3/4	977.71	3/4	664.78	3/4	375.27	3/4	106.11	3/4		3/4		3/4		3/4	
2	1,632.58	2	1,301.06	2	970.98	2	658.53	2	369.45	2	100.75	2		2		2		2	
1/4	1,625.67	1/4	1,294.16	1/4	964.25	1/4	652.28	1/4	363.64	1/4	95.39	1/4		1/4		1/4		1/4	
1/2	1,618.77	1/2	1,287.25	1/2	957.51	1/2	646.03	1/2	357.82	1/2	90.03	1/2		1/2		1/2		1/2	
3/4	1,611.86	3/4	1,280.34	3/4	950.78	3/4	639.78	3/4	352.00	3/4	84.67	3/4		3/4		3/4		3/4	
3	1,604.95	3	1,273.44	3	944.08	3	633.57	3	346.22	3	79.35	3		3		3		3	
1/4	1,598.05	1/4	1,266.53	1/4	937.38	1/4	627.37	1/4	340.44	1/4	74.03	1/4		1/4		1/4		1/4	
1/2	1,591.14	1/2	1,259.62	1/2	930.69	1/2	621.17	1/2	334.66	1/2	68.71	1/2		1/2		1/2		1/2	
3/4	1,584.23	3/4	1,252.72	3/4	923.99	3/4	614.97	3/4	328.88	3/4	63.39	3/4		3/4		3/4		3/4	
4	1,577.33	4	1,245.81	4	917.33	4	608.82	4	323.14	4	58.10	4		4		4		4	
1/4	1,570.42	1/4	1,238.90	1/4	910.67	1/4	602.66	1/4	317.40	1/4	52.82	1/4		1/4		1/4		1/4	
1/2	1,563.51	1/2	1,232.00	1/2	904.02	1/2	596.51	1/2	311.66	1/2	47.54	1/2		1/2		1/2		1/2	
3/4	1,556.61	3/4	1,225.09	3/4	897.36	3/4	590.36	3/4	305.92	3/4	42.25	3/4		3/4		3/4		3/4	
5	1,549.70	5	1,218.18	5	890.74	5	584.24	5	300.21	5	37.58	5		5		5		5	
1/4	1,542.79	1/4	1,211.28	1/4	884.12	1/4	578.13	1/4	294.51	1/4	32.92	1/4		1/4		1/4		1/4	
1/2	1,535.89	1/2	1,204.37	1/2	877.50	1/2	572.01	1/2	288.81	1/2	28.25	1/2		1/2		1/2		1/2	
3/4	1,528.98	3/4	1,197.46	3/4	870.88	3/4	565.90	3/4	283.11	3/4	23.58	3/4		3/4		3/4		3/4	
6	1,522.07	6	1,190.56	6	864.29	6	559.82	6	277.44	6	20.24	6		6		6		6	
1/4	1,515.17	1/4	1,183.65	1/4	857.71	1/4	553.75	1/4	271.78	1/4	16.90	1/4		1/4		1/4		1/4	
1/2	1,508.26	1/2	1,176.74	1/2	851.13	1/2	547.67	1/2	266.11	1/2	13.56	1/2		1/2		1/2		1/2	
3/4	1,501.36	3/4	1,169.84	3/4	844.55	3/4	541.60	3/4	260.45	3/4	10.22	3/4		3/4		3/4		3/4	
7	1,494.45	7	1,162.93	7	838.01	7	535.56	7	254.82	7		7		7		7		7	
1/4	1,487.54	1/4	1,156.03	1/4	831.46	1/4	529.52	1/4	249.19	1/4		1/4		1/4		1/4		1/4	
1/2	1,480.64	1/2	1,149.12	1/2	824.92	1/2	523.48	1/2	243.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,473.73	3/4	1,142.21	3/4	818.37	3/4	517.44	3/4	237.94	3/4		3/4		3/4		3/4		3/4	
8	1,466.82	8	1,135.31	8	811.87	8	511.44	8	232.35	8		8		8		8		8	
1/4	1,459.92	1/4	1,128.40	1/4	805.36	1/4	505.44	1/4	226.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,453.01	1/2	1,121.49	1/2	798.86	1/2	499.45	1/2	221.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,446.10	3/4	1,114.59	3/4	792.35	3/4	493.45	3/4	215.59	3/4		3/4		3/4		3/4		3/4	
9	1,439.20	9	1,107.68	9	785.89	9	487.48	9	210.03	9		9		9		9		9	
1/4	1,432.29	1/4	1,100.78	1/4	779.42	1/4	481.52	1/4	204.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,425.38	1/2	1,093.88	1/2	772.95	1/2	475.56	1/2	198.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,418.48	3/4	1,086.98	3/4	766.48	3/4	469.60	3/4	193.38	3/4		3/4		3/4		3/4		3/4	
10	1,411.57	10	1,080.10	10	760.05	10	463.68	10	187.87	10		10		10		10		10	
1/4	1,404.66	1/4	1,073.21	1/4	753.63	1/4	457.75	1/4	182.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,397.76	1/2	1,066.33	1/2	747.20	1/2	451.83	1/2	176.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,390.85	3/4	1,059.45	3/4	740.77	3/4	445.91	3/4	171.34	3/4		3/4		3/4		3/4		3/4	
11	1,383.94	11	1,052.60	11	734.39	11	440.00	11	165.86	11		11		11		11		11	
1/4	1,377.04	1/4	1,045.75	1/4	728.01	1/4	434.09	1/4	160.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,370.13	1/2	1,038.90	1/2	721.63	1/2	428.18	1/2	154.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,363.22	3/4	1,032.05	3/4	715.25	3/4	422.27	3/4	149.44	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/28/2020 JS
CALCULATED: 09/29/2020 CL
PRINTED: 09/29/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2020

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



BARGE "TMTB 102"

2 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	5,221.29	0	4,859.56	0	4,478.82	0	4,090.80	0	3,702.78	0	3,314.76	0	2,926.73	0	2,538.70
1/4		1/4		1/4	5,213.95	1/4	4,851.81	1/4	4,470.74	1/4	4,082.72	1/4	3,694.70	1/4	3,306.67	1/4	2,918.65	1/4	2,530.62
1/2		1/2		1/2	5,557.75	1/2	5,206.61	1/2	4,844.06	1/2	4,462.66	1/2	4,074.63	1/2	3,686.61	1/2	3,298.59	1/2	2,910.57
3/4		3/4		3/4	5,551.42	3/4	5,199.23	3/4	4,836.28	3/4	4,454.57	3/4	4,066.55	3/4	3,678.53	3/4	3,290.51	3/4	2,902.48
1		1		1	5,545.08	1	5,191.86	1	4,828.50	1	4,446.49	1	4,058.47	1	3,670.44	1	3,282.42	1	2,894.40
1/4		1/4		1/4	5,538.75	1/4	5,184.49	1/4	4,820.72	1/4	4,438.41	1/4	4,050.38	1/4	3,662.36	1/4	3,274.34	1/4	2,886.32
1/2		1/2		1/2	5,532.41	1/2	5,177.12	1/2	4,812.94	1/2	4,430.32	1/2	4,042.30	1/2	3,654.28	1/2	3,266.25	1/2	2,878.23
3/4		3/4		3/4	5,524.87	3/4	5,169.71	3/4	4,805.13	3/4	4,422.24	3/4	4,034.22	3/4	3,646.19	3/4	3,258.17	3/4	2,870.15
2		2		2	5,517.32	2	5,162.31	2	4,797.32	2	4,414.15	2	4,026.13	2	3,638.11	2	3,250.09	2	2,862.06
1/4		1/4		1/4	5,509.78	1/4	5,154.91	1/4	4,789.51	1/4	4,406.07	1/4	4,018.05	1/4	3,630.03	1/4	3,242.00	1/4	2,853.98
1/2		1/2		1/2	5,502.23	1/2	5,147.50	1/2	4,781.69	1/2	4,397.99	1/2	4,009.96	1/2	3,621.94	1/2	3,233.92	1/2	2,845.90
3/4		3/4		3/4	5,494.28	3/4	5,140.07	3/4	4,773.85	3/4	4,389.90	3/4	4,001.88	3/4	3,613.86	3/4	3,225.84	3/4	2,837.81
3		3		3	5,486.33	3	5,132.64	3	4,766.01	3	4,381.82	3	3,993.80	3	3,605.77	3	3,217.75	3	2,829.73
1/4		1/4		1/4	5,478.38	1/4	5,125.20	1/4	4,758.17	1/4	4,373.73	1/4	3,985.71	1/4	3,597.69	1/4	3,209.67	1/4	2,821.65
1/2		1/2		1/2	5,470.43	1/2	5,117.77	1/2	4,750.33	1/2	4,365.65	1/2	3,977.63	1/2	3,589.61	1/2	3,201.58	1/2	2,813.56
3/4		3/4		3/4	5,462.49	3/4	5,110.30	3/4	4,742.45	3/4	4,357.57	3/4	3,969.54	3/4	3,581.52	3/4	3,193.50	3/4	2,805.48
4		4		4	5,454.54	4	5,102.84	4	4,734.58	4	4,349.48	4	3,961.46	4	3,573.44	4	3,185.42	4	2,797.39
1/4		1/4		1/4	5,446.59	1/4	5,095.37	1/4	4,726.71	1/4	4,341.40	1/4	3,953.38	1/4	3,565.35	1/4	3,177.33	1/4	2,789.31
1/2		1/2		1/2	5,438.64	1/2	5,087.91	1/2	4,718.84	1/2	4,333.32	1/2	3,945.29	1/2	3,557.27	1/2	3,169.25	1/2	2,781.23
3/4		3/4		3/4	5,431.14	3/4	5,080.41	3/4	4,710.93	3/4	4,325.23	3/4	3,937.21	3/4	3,549.19	3/4	3,161.16	3/4	2,773.14
5		5		5	5,423.64	5	5,072.92	5	4,703.03	5	4,317.15	5	3,929.13	5	3,541.10	5	3,153.08	5	2,765.06
1/4		1/4		1/4	5,416.15	1/4	5,065.42	1/4	4,695.12	1/4	4,309.06	1/4	3,921.04	1/4	3,533.02	1/4	3,145.00	1/4	2,756.97
1/2		1/2		1/2	5,408.65	1/2	5,057.93	1/2	4,687.22	1/2	4,300.98	1/2	3,912.96	1/2	3,524.94	1/2	3,136.91	1/2	2,748.89
3/4		3/4		3/4	5,401.59	3/4	5,050.40	3/4	4,679.29	3/4	4,292.90	3/4	3,904.87	3/4	3,516.85	3/4	3,128.83	3/4	2,740.81
6		6		6	5,394.52	6	5,042.88	6	4,671.35	6	4,284.81	6	3,896.79	6	3,508.77	6	3,120.75	6	2,732.72
1/4		1/4		1/4	5,387.46	1/4	5,035.35	1/4	4,663.42	1/4	4,276.73	1/4	3,888.71	1/4	3,500.68	1/4	3,112.66	1/4	2,724.64
1/2		1/2		1/2	5,380.40	1/2	5,027.82	1/2	4,655.48	1/2	4,268.65	1/2	3,880.62	1/2	3,492.60	1/2	3,104.58	1/2	2,716.56
3/4		3/4		3/4	5,373.30	3/4	5,020.27	3/4	4,647.52	3/4	4,260.56	3/4	3,872.54	3/4	3,484.52	3/4	3,096.49	3/4	2,708.47
7		7		7	5,366.21	7	5,012.71	7	4,639.55	7	4,252.48	7	3,864.46	7	3,476.43	7	3,088.41	7	2,700.39
1/4		1/4		1/4	5,359.12	1/4	5,005.15	1/4	4,631.59	1/4	4,244.39	1/4	3,856.37	1/4	3,468.35	1/4	3,080.33	1/4	2,692.30
1/2		1/2		1/2	5,352.02	1/2	4,997.60	1/2	4,623.62	1/2	4,236.31	1/2	3,848.29	1/2	3,460.27	1/2	3,072.24	1/2	2,684.22
3/4		3/4		3/4	5,344.85	3/4	4,990.01	3/4	4,615.63	3/4	4,228.23	3/4	3,840.20	3/4	3,452.18	3/4	3,064.16	3/4	2,676.14
8		8		8	5,337.68	8	4,982.42	8	4,607.63	8	4,220.14	8	3,832.12	8	3,444.10	8	3,056.08	8	2,668.05
1/4		1/4		1/4	5,330.51	1/4	4,974.83	1/4	4,599.64	1/4	4,212.06	1/4	3,824.04	1/4	3,436.01	1/4	3,047.99	1/4	2,659.97
1/2		1/2		1/2	5,323.34	1/2	4,967.25	1/2	4,591.64	1/2	4,203.97	1/2	3,815.95	1/2	3,427.93	1/2	3,039.91	1/2	2,651.89
3/4		3/4		3/4	5,316.09	3/4	4,959.61	3/4	4,583.62	3/4	4,195.89	3/4	3,807.87	3/4	3,419.85	3/4	3,031.82	3/4	2,643.80
9		9		9	5,308.84	9	4,951.97	9	4,575.59	9	4,187.81	9	3,799.78	9	3,411.76	9	3,023.74	9	2,635.72
1/4		1/4		1/4	5,301.59	1/4	4,944.33	1/4	4,567.56	1/4	4,179.72	1/4	3,791.70	1/4	3,403.68	1/4	3,015.66	1/4	2,627.63
1/2		1/2		1/2	5,294.34	1/2	4,936.70	1/2	4,559.54	1/2	4,171.64	1/2	3,783.62	1/2	3,395.59	1/2	3,007.57	1/2	2,619.55
3/4		3/4		3/4	5,287.06	3/4	4,929.01	3/4	4,551.48	3/4	4,163.56	3/4	3,775.53	3/4	3,387.51	3/4	2,999.49	3/4	2,611.47
10		10		10	5,279.78	10	4,921.32	10	4,543.42	10	4,155.47	10	3,767.45	10	3,379.43	10	2,991.40	10	2,603.38
1/4		1/4		1/4	5,272.50	1/4	4,913.63	1/4	4,535.37	1/4	4,147.39	1/4	3,759.37	1/4	3,371.34	1/4	2,983.32	1/4	2,595.30
1/2		1/2		1/2	5,265.22	1/2	4,905.94	1/2	4,527.31	1/2	4,139.30	1/2	3,751.28	1/2	3,363.26	1/2	2,975.24	1/2	2,587.21
3/4		3/4		3/4	5,257.91	3/4	4,898.22	3/4	4,519.23	3/4	4,131.22	3/4	3,743.20	3/4	3,355.18	3/4	2,967.15	3/4	2,579.13
11		11		11	5,250.60	11	4,890.50	11	4,511.15	11	4,123.14	11	3,735.11	11	3,347.09	11	2,959.07	11	2,571.05
1/4		1/4		1/4	5,243.28	1/4	4,882.78	1/4	4,503.07	1/4	4,115.05	1/4	3,727.03	1/4	3,339.01	1/4	2,950.99	1/4	2,562.96
1/2		1/2		1/2	5,235.97	1/2	4,875.06	1/2	4,494.99	1/2	4,106.97	1/2	3,718.95	1/2	3,330.92	1/2	2,942.90	1/2	2,554.88
3/4		3/4		3/4	5,228.63	3/4	4,867.31	3/4	4,486.91	3/4	4,098.89	3/4	3,710.86	3/4	3,322.84	3/4	2,934.82	3/4	2,546.79

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 TO TOP LIP OF 2" HERMETIC VALVE

GAUGE POINT: (HERMETIC) LOCATED 11'-09" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "TMTB 102"

2 PORT

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 15'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,150.57	0	1,762.44	0	1,374.30	0	986.17	0	598.77	0	210.64	0		0		0		0	
1/4	2,142.48	1/4	1,754.35	1/4	1,366.22	1/4	978.09	1/4	590.68	1/4	202.56	1/4		1/4		1/4		1/4	
1/2	2,134.40	1/2	1,746.27	1/2	1,358.13	1/2	970.00	1/2	582.59	1/2	194.47	1/2		1/2		1/2		1/2	
3/4	2,126.31	3/4	1,738.18	3/4	1,350.05	3/4	961.91	3/4	574.51	3/4	186.39	3/4		3/4		3/4		3/4	
1	2,118.23	1	1,730.09	1	1,341.96	1	953.83	1	566.42	1	178.30	1		1		1		1	
1/4	2,110.14	1/4	1,722.01	1/4	1,333.87	1/4	945.74	1/4	558.34	1/4	170.21	1/4		1/4		1/4		1/4	
1/2	2,102.05	1/2	1,713.92	1/2	1,325.79	1/2	937.66	1/2	550.25	1/2	162.13	1/2		1/2		1/2		1/2	
3/4	2,093.97	3/4	1,705.83	3/4	1,317.70	3/4	929.57	3/4	542.17	3/4	154.04	3/4		3/4		3/4		3/4	
2	2,085.88	2	1,697.75	2	1,309.62	2	921.48	2	534.08	2	145.96	2		2		2		2	
1/4	2,077.80	1/4	1,689.66	1/4	1,301.53	1/4	913.40	1/4	525.99	1/4	137.87	1/4		1/4		1/4		1/4	
1/2	2,069.71	1/2	1,681.58	1/2	1,293.44	1/2	905.31	1/2	517.91	1/2	129.78	1/2		1/2		1/2		1/2	
3/4	2,061.62	3/4	1,673.49	3/4	1,285.36	3/4	897.24	3/4	509.82	3/4	121.70	3/4		3/4		3/4		3/4	
3	2,053.54	3	1,665.40	3	1,277.27	3	889.16	3	501.74	3	113.61	3		3		3		3	
1/4	2,045.45	1/4	1,657.32	1/4	1,269.19	1/4	881.09	1/4	493.65	1/4	105.53	1/4		1/4		1/4		1/4	
1/2	2,037.36	1/2	1,649.23	1/2	1,261.10	1/2	873.01	1/2	485.56	1/2	97.44	1/2		1/2		1/2		1/2	
3/4	2,029.28	3/4	1,641.15	3/4	1,253.01	3/4	864.95	3/4	477.48	3/4	89.36	3/4		3/4		3/4		3/4	
4	2,021.19	4	1,633.06	4	1,244.93	4	856.88	4	469.39	4	81.27	4		4		4		4	
1/4	2,013.11	1/4	1,624.97	1/4	1,236.84	1/4	848.82	1/4	461.31	1/4	73.18	1/4		1/4		1/4		1/4	
1/2	2,005.02	1/2	1,616.89	1/2	1,228.75	1/2	840.76	1/2	453.22	1/2	65.10	1/2		1/2		1/2		1/2	
3/4	1,996.93	3/4	1,608.80	3/4	1,220.67	3/4	832.69	3/4	445.13	3/4	57.69	3/4		3/4		3/4		3/4	
5	1,988.85	5	1,600.72	5	1,212.58	5	824.63	5	437.05	5	50.27	5		5		5		5	
1/4	1,980.76	1/4	1,592.63	1/4	1,204.50	1/4	816.57	1/4	428.96	1/4	42.86	1/4		1/4		1/4		1/4	
1/2	1,972.68	1/2	1,584.54	1/2	1,196.41	1/2	808.50	1/2	420.88	1/2	35.45	1/2		1/2		1/2		1/2	
3/4	1,964.59	3/4	1,576.46	3/4	1,188.32	3/4	800.44	3/4	412.79	3/4	30.06	3/4		3/4		3/4		3/4	
6	1,956.50	6	1,568.37	6	1,180.24	6	792.38	6	404.71	6	24.67	6		6		6		6	
1/4	1,948.42	1/4	1,560.29	1/4	1,172.15	1/4	784.31	1/4	396.62	1/4	19.28	1/4		1/4		1/4		1/4	
1/2	1,940.33	1/2	1,552.20	1/2	1,164.07	1/2	776.25	1/2	388.53	1/2	13.89	1/2		1/2		1/2		1/2	
3/4	1,932.25	3/4	1,544.11	3/4	1,155.98	3/4	768.19	3/4	380.45	3/4		3/4		3/4		3/4		3/4	
7	1,924.16	7	1,536.03	7	1,147.89	7	760.12	7	372.36	7		7		7		7		7	
1/4	1,916.07	1/4	1,527.94	1/4	1,139.81	1/4	752.06	1/4	364.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,907.99	1/2	1,519.85	1/2	1,131.72	1/2	744.00	1/2	356.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,899.90	3/4	1,511.77	3/4	1,123.64	3/4	735.93	3/4	348.10	3/4		3/4		3/4		3/4		3/4	
8	1,891.82	8	1,503.68	8	1,115.55	8	727.87	8	340.02	8		8		8		8		8	
1/4	1,883.73	1/4	1,495.60	1/4	1,107.46	1/4	719.81	1/4	331.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,875.64	1/2	1,487.51	1/2	1,099.38	1/2	711.74	1/2	323.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,867.56	3/4	1,479.42	3/4	1,091.29	3/4	703.68	3/4	315.76	3/4		3/4		3/4		3/4		3/4	
9	1,859.47	9	1,471.34	9	1,083.21	9	695.62	9	307.67	9		9		9		9		9	
1/4	1,851.38	1/4	1,463.25	1/4	1,075.12	1/4	687.55	1/4	299.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,843.30	1/2	1,455.17	1/2	1,067.03	1/2	679.49	1/2	291.50	1/2		1/2		1/2		1/2		1/2	
3/4	1,835.21	3/4	1,447.08	3/4	1,058.95	3/4	671.43	3/4	283.42	3/4		3/4		3/4		3/4		3/4	
10	1,827.13	10	1,438.99	10	1,050.86	10	663.36	10	275.33	10		10		10		10		10	
1/4	1,819.04	1/4	1,430.91	1/4	1,042.77	1/4	655.30	1/4	267.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,810.95	1/2	1,422.82	1/2	1,034.69	1/2	647.24	1/2	259.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,802.87	3/4	1,414.74	3/4	1,026.60	3/4	639.16	3/4	251.07	3/4		3/4		3/4		3/4		3/4	
11	1,794.78	11	1,406.65	11	1,018.52	11	631.09	11	242.99	11		11		11		11		11	
1/4	1,786.70	1/4	1,398.56	1/4	1,010.43	1/4	623.01	1/4	234.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,778.61	1/2	1,390.48	1/2	1,002.34	1/2	614.94	1/2	226.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,770.52	3/4	1,382.39	3/4	994.26	3/4	606.85	3/4	218.73	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/28/2020 JS
CALCULATED: 09/29/2020 CL
PRINTED: 09/29/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2020

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



BARGE "TMTB 102"

2 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 15'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,133.68	0	1,745.90	0	1,358.11	0	971.57	0	598.23	0	210.45	0		0		0		0	
1/4	2,125.60	1/4	1,737.82	1/4	1,350.03	1/4	963.80	1/4	590.15	1/4	202.38	1/4		1/4		1/4		1/4	
1/2	2,117.53	1/2	1,729.74	1/2	1,341.95	1/2	956.04	1/2	582.07	1/2	194.30	1/2		1/2		1/2		1/2	
3/4	2,109.45	3/4	1,721.66	3/4	1,333.87	3/4	948.27	3/4	573.99	3/4	186.22	3/4		3/4		3/4		3/4	
1	2,101.37	1	1,713.58	1	1,325.79	1	940.50	1	565.91	1	178.14	1		1		1		1	
1/4	2,093.29	1/4	1,705.50	1/4	1,317.71	1/4	932.73	1/4	557.83	1/4	170.06	1/4		1/4		1/4		1/4	
1/2	2,085.21	1/2	1,697.42	1/2	1,309.64	1/2	924.97	1/2	549.76	1/2	161.98	1/2		1/2		1/2		1/2	
3/4	2,077.13	3/4	1,689.34	3/4	1,301.56	3/4	917.20	3/4	541.68	3/4	153.90	3/4		3/4		3/4		3/4	
2	2,069.05	2	1,681.27	2	1,293.48	2	909.43	2	533.60	2	145.83	2		2		2		2	
1/4	2,060.97	1/4	1,673.19	1/4	1,285.40	1/4	901.67	1/4	525.52	1/4	137.75	1/4		1/4		1/4		1/4	
1/2	2,052.89	1/2	1,665.11	1/2	1,277.32	1/2	893.90	1/2	517.44	1/2	129.67	1/2		1/2		1/2		1/2	
3/4	2,044.82	3/4	1,657.03	3/4	1,269.24	3/4	886.14	3/4	509.36	3/4	121.59	3/4		3/4		3/4		3/4	
3	2,036.74	3	1,648.95	3	1,261.16	3	878.39	3	501.28	3	113.51	3		3		3		3	
1/4	2,028.66	1/4	1,640.87	1/4	1,253.08	1/4	870.63	1/4	493.21	1/4	105.43	1/4		1/4		1/4		1/4	
1/2	2,020.58	1/2	1,632.79	1/2	1,245.00	1/2	862.88	1/2	485.13	1/2	97.35	1/2		1/2		1/2		1/2	
3/4	2,012.50	3/4	1,624.71	3/4	1,236.93	3/4	855.13	3/4	477.05	3/4	89.28	3/4		3/4		3/4		3/4	
4	2,004.42	4	1,616.63	4	1,228.85	4	847.39	4	468.97	4	81.20	4		4		4		4	
1/4	1,996.34	1/4	1,608.55	1/4	1,220.77	1/4	839.64	1/4	460.89	1/4	73.12	1/4		1/4		1/4		1/4	
1/2	1,988.26	1/2	1,600.48	1/2	1,212.69	1/2	831.90	1/2	452.81	1/2	65.04	1/2		1/2		1/2		1/2	
3/4	1,980.18	3/4	1,592.40	3/4	1,204.61	3/4	824.16	3/4	444.73	3/4	57.63	3/4		3/4		3/4		3/4	
5	1,972.11	5	1,584.32	5	1,196.53	5	816.41	5	436.65	5	50.23	5		5		5		5	
1/4	1,964.03	1/4	1,576.24	1/4	1,188.45	1/4	808.67	1/4	428.58	1/4	42.82	1/4		1/4		1/4		1/4	
1/2	1,955.95	1/2	1,568.16	1/2	1,180.37	1/2	800.92	1/2	420.50	1/2	35.42	1/2		1/2		1/2		1/2	
3/4	1,947.87	3/4	1,560.08	3/4	1,172.29	3/4	793.18	3/4	412.42	3/4	30.03	3/4		3/4		3/4		3/4	
6	1,939.79	6	1,552.00	6	1,164.22	6	785.43	6	404.34	6	24.65	6		6		6		6	
1/4	1,931.71	1/4	1,543.92	1/4	1,156.14	1/4	777.69	1/4	396.26	1/4	19.26	1/4		1/4		1/4		1/4	
1/2	1,923.63	1/2	1,535.84	1/2	1,148.06	1/2	769.95	1/2	388.18	1/2	13.87	1/2		1/2		1/2		1/2	
3/4	1,915.55	3/4	1,527.77	3/4	1,139.98	3/4	762.20	3/4	380.10	3/4		3/4		3/4		3/4		3/4	
7	1,907.47	7	1,519.69	7	1,131.90	7	754.46	7	372.03	7		7		7		7		7	
1/4	1,899.40	1/4	1,511.61	1/4	1,123.82	1/4	746.71	1/4	363.95	1/4		1/4		1/4		1/4		1/4	
1/2	1,891.32	1/2	1,503.53	1/2	1,115.74	1/2	738.97	1/2	355.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,883.24	3/4	1,495.45	3/4	1,107.66	3/4	731.22	3/4	347.79	3/4		3/4		3/4		3/4		3/4	
8	1,875.16	8	1,487.37	8	1,099.58	8	723.48	8	339.71	8		8		8		8		8	
1/4	1,867.08	1/4	1,479.29	1/4	1,091.51	1/4	715.74	1/4	331.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,859.00	1/2	1,471.21	1/2	1,083.43	1/2	707.99	1/2	323.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,850.92	3/4	1,463.13	3/4	1,075.35	3/4	700.25	3/4	315.48	3/4		3/4		3/4		3/4		3/4	
9	1,842.84	9	1,455.06	9	1,067.27	9	692.50	9	307.40	9		9		9		9		9	
1/4	1,834.76	1/4	1,446.98	1/4	1,059.19	1/4	684.76	1/4	299.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,826.69	1/2	1,438.90	1/2	1,051.11	1/2	677.01	1/2	291.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,818.61	3/4	1,430.82	3/4	1,043.03	3/4	669.27	3/4	283.16	3/4		3/4		3/4		3/4		3/4	
10	1,810.53	10	1,422.74	10	1,034.95	10	661.53	10	275.08	10		10		10		10		10	
1/4	1,802.45	1/4	1,414.66	1/4	1,026.87	1/4	653.78	1/4	267.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,794.37	1/2	1,406.58	1/2	1,018.80	1/2	646.04	1/2	258.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,786.29	3/4	1,398.50	3/4	1,010.72	3/4	638.12	3/4	250.85	3/4		3/4		3/4		3/4		3/4	
11	1,778.21	11	1,390.42	11	1,002.64	11	630.21	11	242.77	11		11		11		11		11	
1/4	1,770.13	1/4	1,382.35	1/4	994.56	1/4	622.30	1/4	234.69	1/4		1/4		1/4		1/4		1/4	
1/2	1,762.05	1/2	1,374.27	1/2	986.48	1/2	614.38	1/2	226.61	1/2		1/2		1/2		1/2		1/2	
3/4	1,753.98	3/4	1,366.19	3/4	978.40	3/4	606.31	3/4	218.53	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "TMTB 102"

3 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,528.41	0	4,281.33	0	4,019.82	0	3,753.30	0	3,439.56	0	3,079.22	0	2,719.01	0	2,358.81
1/4		1/4		1/4	4,523.41	1/4	4,276.00	1/4	4,014.27	1/4	3,747.75	1/4	3,432.04	1/4	3,071.71	1/4	2,711.51	1/4	2,351.30
1/2		1/2		1/2	4,755.92	1/2	4,518.40	1/2	4,270.68	1/2	4,008.71	1/2	3,742.20	1/2	3,424.52	1/2	3,064.21	1/2	2,704.00
3/4		3/4		3/4	4,751.99	3/4	4,513.38	3/4	4,265.34	3/4	4,003.16	3/4	3,736.65	3/4	3,417.00	3/4	3,056.71	3/4	2,696.50
1		1		1	4,748.07	1	4,508.35	1	4,259.99	1	3,997.61	1	3,731.09	1	3,409.48	1	3,049.20	1	2,689.00
1/4		1/4		1/4	4,744.15	1/4	4,503.32	1/4	4,254.65	1/4	3,992.06	1/4	3,725.54	1/4	3,401.96	1/4	3,041.70	1/4	2,681.49
1/2		1/2		1/2	4,740.23	1/2	4,498.30	1/2	4,249.30	1/2	3,986.51	1/2	3,719.99	1/2	3,394.44	1/2	3,034.19	1/2	2,673.99
3/4		3/4		3/4	4,735.18	3/4	4,493.25	3/4	4,243.94	3/4	3,980.95	3/4	3,714.44	3/4	3,386.92	3/4	3,026.69	3/4	2,666.48
2		2		2	4,730.13	2	4,488.20	2	4,238.57	2	3,975.40	2	3,708.89	2	3,379.41	2	3,019.18	2	2,658.98
1/4		1/4		1/4	4,725.08	1/4	4,483.16	1/4	4,233.21	1/4	3,969.85	1/4	3,703.33	1/4	3,371.90	1/4	3,011.68	1/4	2,651.47
1/2		1/2		1/2	4,720.03	1/2	4,478.11	1/2	4,227.84	1/2	3,964.30	1/2	3,697.78	1/2	3,364.38	1/2	3,004.18	1/2	2,643.97
3/4		3/4		3/4	4,714.60	3/4	4,473.04	3/4	4,222.46	3/4	3,958.74	3/4	3,692.23	3/4	3,356.88	3/4	2,996.67	3/4	2,636.47
3		3		3	4,709.18	3	4,467.97	3	4,217.07	3	3,953.19	3	3,686.68	3	3,349.37	3	2,989.17	3	2,628.96
1/4		1/4		1/4	4,703.75	1/4	4,462.91	1/4	4,211.69	1/4	3,947.64	1/4	3,681.12	1/4	3,341.87	1/4	2,981.66	1/4	2,621.46
1/2		1/2		1/2	4,698.32	1/2	4,457.84	1/2	4,206.30	1/2	3,942.09	1/2	3,675.57	1/2	3,334.37	1/2	2,974.16	1/2	2,613.95
3/4		3/4		3/4	4,692.90	3/4	4,452.75	3/4	4,200.89	3/4	3,936.53	3/4	3,670.02	3/4	3,326.86	3/4	2,966.65	3/4	2,606.45
4		4		4	4,687.47	4	4,447.66	4	4,195.48	4	3,930.98	4	3,664.47	4	3,319.36	4	2,959.15	4	2,598.94
1/4		1/4		1/4	4,682.05	1/4	4,442.57	1/4	4,190.08	1/4	3,925.43	1/4	3,658.91	1/4	3,311.85	1/4	2,951.65	1/4	2,591.44
1/2		1/2		1/2	4,676.62	1/2	4,437.48	1/2	4,184.67	1/2	3,919.88	1/2	3,653.36	1/2	3,304.35	1/2	2,944.14	1/2	2,583.94
3/4		3/4		3/4	4,671.50	3/4	4,432.37	3/4	4,179.24	3/4	3,914.32	3/4	3,647.81	3/4	3,296.84	3/4	2,936.64	3/4	2,576.43
5		5		5	4,666.39	5	4,427.26	5	4,173.81	5	3,908.77	5	3,642.26	5	3,289.34	5	2,929.13	5	2,568.93
1/4		1/4		1/4	4,661.27	1/4	4,422.15	1/4	4,168.38	1/4	3,903.22	1/4	3,636.70	1/4	3,281.84	1/4	2,921.63	1/4	2,561.42
1/2		1/2		1/2	4,656.15	1/2	4,417.04	1/2	4,162.95	1/2	3,897.67	1/2	3,631.15	1/2	3,274.33	1/2	2,914.12	1/2	2,553.92
3/4		3/4		3/4	4,651.34	3/4	4,411.91	3/4	4,157.51	3/4	3,892.11	3/4	3,624.62	3/4	3,266.83	3/4	2,906.62	3/4	2,546.41
6		6		6	4,646.52	6	4,406.78	6	4,152.06	6	3,886.56	6	3,618.08	6	3,259.32	6	2,899.12	6	2,538.91
1/4		1/4		1/4	4,641.70	1/4	4,401.65	1/4	4,146.61	1/4	3,881.01	1/4	3,611.54	1/4	3,251.82	1/4	2,891.61	1/4	2,531.41
1/2		1/2		1/2	4,636.88	1/2	4,396.52	1/2	4,141.16	1/2	3,875.46	1/2	3,605.01	1/2	3,244.31	1/2	2,884.11	1/2	2,523.90
3/4		3/4		3/4	4,632.05	3/4	4,391.36	3/4	4,135.69	3/4	3,869.90	3/4	3,597.49	3/4	3,236.81	3/4	2,876.60	3/4	2,516.40
7		7		7	4,627.21	7	4,386.21	7	4,130.22	7	3,864.35	7	3,589.97	7	3,229.31	7	2,869.10	7	2,508.89
1/4		1/4		1/4	4,622.37	1/4	4,381.06	1/4	4,124.74	1/4	3,858.80	1/4	3,582.44	1/4	3,221.80	1/4	2,861.59	1/4	2,501.39
1/2		1/2		1/2	4,617.53	1/2	4,375.91	1/2	4,119.27	1/2	3,853.25	1/2	3,574.92	1/2	3,214.30	1/2	2,854.09	1/2	2,493.88
3/4		3/4		3/4	4,612.64	3/4	4,370.73	3/4	4,113.78	3/4	3,847.70	3/4	3,567.40	3/4	3,206.79	3/4	2,846.59	3/4	2,486.38
8		8		8	4,607.75	8	4,365.56	8	4,108.29	8	3,842.14	8	3,559.88	8	3,199.29	8	2,839.08	8	2,478.88
1/4		1/4		1/4	4,602.86	1/4	4,360.39	1/4	4,102.80	1/4	3,836.59	1/4	3,552.36	1/4	3,191.78	1/4	2,831.58	1/4	2,471.37
1/2		1/2		1/2	4,597.97	1/2	4,355.21	1/2	4,097.31	1/2	3,831.04	1/2	3,544.84	1/2	3,184.28	1/2	2,824.07	1/2	2,463.87
3/4		3/4		3/4	4,593.03	3/4	4,349.99	3/4	4,091.79	3/4	3,825.49	3/4	3,537.32	3/4	3,176.78	3/4	2,816.57	3/4	2,456.36
9		9		9	4,588.09	9	4,344.76	9	4,086.28	9	3,819.93	9	3,529.80	9	3,169.27	9	2,809.06	9	2,448.86
1/4		1/4		1/4	4,583.15	1/4	4,339.53	1/4	4,080.77	1/4	3,814.38	1/4	3,522.28	1/4	3,161.77	1/4	2,801.56	1/4	2,441.35
1/2		1/2		1/2	4,578.21	1/2	4,334.30	1/2	4,075.26	1/2	3,808.83	1/2	3,514.76	1/2	3,154.26	1/2	2,794.06	1/2	2,433.85
3/4		3/4		3/4	4,573.24	3/4	4,329.02	3/4	4,069.72	3/4	3,803.28	3/4	3,507.24	3/4	3,146.76	3/4	2,786.55	3/4	2,426.34
10		10		10	4,568.28	10	4,323.74	10	4,064.19	10	3,797.72	10	3,499.72	10	3,139.25	10	2,779.05	10	2,418.84
1/4		1/4		1/4	4,563.32	1/4	4,318.46	1/4	4,058.65	1/4	3,792.17	1/4	3,492.20	1/4	3,131.75	1/4	2,771.54	1/4	2,411.34
1/2		1/2		1/2	4,558.35	1/2	4,313.18	1/2	4,053.12	1/2	3,786.62	1/2	3,484.68	1/2	3,124.24	1/2	2,764.04	1/2	2,403.83
3/4		3/4		3/4	4,553.37	3/4	4,307.88	3/4	4,047.57	3/4	3,781.07	3/4	3,477.16	3/4	3,116.74	3/4	2,756.53	3/4	2,396.33
11		11		11	4,548.39	11	4,302.58	11	4,042.02	11	3,775.51	11	3,469.64	11	3,109.24	11	2,749.03	11	2,388.82
1/4		1/4		1/4	4,543.40	1/4	4,297.28	1/4	4,036.47	1/4	3,769.96	1/4	3,462.12	1/4	3,101.73	1/4	2,741.53	1/4	2,381.32
1/2		1/2		1/2	4,538.42	1/2	4,291.97	1/2	4,030.92	1/2	3,764.41	1/2	3,454.60	1/2	3,094.23	1/2	2,734.02	1/2	2,373.81
3/4		3/4		3/4	4,533.42	3/4	4,286.65	3/4	4,025.37	3/4	3,758.86	3/4	3,447.08	3/4	3,086.72	3/4	2,726.52	3/4	2,366.31

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 TO TOP LIP OF 2" HERMETIC VALVE

GAUGE POINT: (HERMETIC) LOCATED 11'-09" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "TMTB 102"

3 PORT

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 15'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,998.37	0	1,637.81	0	1,277.20	0	917.12	0	556.90	0	195.93	0		0		0		0	
1/4	1,990.86	1/4	1,630.30	1/4	1,269.68	1/4	909.61	1/4	549.38	1/4	188.41	1/4		1/4		1/4		1/4	
1/2	1,983.34	1/2	1,622.79	1/2	1,262.16	1/2	902.11	1/2	541.86	1/2	180.89	1/2		1/2		1/2		1/2	
3/4	1,975.83	3/4	1,615.28	3/4	1,254.64	3/4	894.59	3/4	534.34	3/4	173.37	3/4		3/4		3/4		3/4	
1	1,968.32	1	1,607.76	1	1,247.12	1	887.07	1	526.82	1	165.85	1		1		1		1	
1/4	1,960.81	1/4	1,600.25	1/4	1,239.60	1/4	879.55	1/4	519.30	1/4	158.33	1/4		1/4		1/4		1/4	
1/2	1,953.30	1/2	1,592.74	1/2	1,232.08	1/2	872.03	1/2	511.78	1/2	150.81	1/2		1/2		1/2		1/2	
3/4	1,945.79	3/4	1,585.23	3/4	1,224.56	3/4	864.51	3/4	504.26	3/4	143.29	3/4		3/4		3/4		3/4	
2	1,938.28	2	1,577.72	2	1,217.05	2	856.99	2	496.74	2	135.77	2		2		2		2	
1/4	1,930.76	1/4	1,570.21	1/4	1,209.53	1/4	849.46	1/4	489.22	1/4	128.25	1/4		1/4		1/4		1/4	
1/2	1,923.25	1/2	1,562.70	1/2	1,202.01	1/2	841.94	1/2	481.70	1/2	120.73	1/2		1/2		1/2		1/2	
3/4	1,915.74	3/4	1,555.18	3/4	1,194.49	3/4	834.43	3/4	474.18	3/4	113.21	3/4		3/4		3/4		3/4	
3	1,908.23	3	1,547.67	3	1,186.97	3	826.93	3	466.66	3	105.69	3		3		3		3	
1/4	1,900.72	1/4	1,540.16	1/4	1,179.45	1/4	819.42	1/4	459.14	1/4	98.17	1/4		1/4		1/4		1/4	
1/2	1,893.21	1/2	1,532.65	1/2	1,171.93	1/2	811.91	1/2	451.62	1/2	90.65	1/2		1/2		1/2		1/2	
3/4	1,885.69	3/4	1,525.14	3/4	1,164.43	3/4	804.41	3/4	444.10	3/4	83.13	3/4		3/4		3/4		3/4	
4	1,878.18	4	1,517.63	4	1,156.92	4	796.91	4	436.58	4	75.61	4		4		4		4	
1/4	1,870.67	1/4	1,510.11	1/4	1,149.42	1/4	789.41	1/4	429.06	1/4	68.09	1/4		1/4		1/4		1/4	
1/2	1,863.16	1/2	1,502.60	1/2	1,141.91	1/2	781.92	1/2	421.54	1/2	60.57	1/2		1/2		1/2		1/2	
3/4	1,855.65	3/4	1,495.09	3/4	1,134.42	3/4	774.42	3/4	414.02	3/4	53.68	3/4		3/4		3/4		3/4	
5	1,848.14	5	1,487.58	5	1,126.93	5	766.92	5	406.50	5	46.78	5		5		5		5	
1/4	1,840.62	1/4	1,480.07	1/4	1,119.43	1/4	759.42	1/4	398.97	1/4	39.89	1/4		1/4		1/4		1/4	
1/2	1,833.11	1/2	1,472.56	1/2	1,111.94	1/2	751.93	1/2	391.45	1/2	33.00	1/2		1/2		1/2		1/2	
3/4	1,825.60	3/4	1,465.04	3/4	1,104.45	3/4	744.43	3/4	383.93	3/4	27.98	3/4		3/4		3/4		3/4	
6	1,818.09	6	1,457.53	6	1,096.96	6	736.93	6	376.41	6	22.97	6		6		6		6	
1/4	1,810.58	1/4	1,450.02	1/4	1,089.47	1/4	729.43	1/4	368.89	1/4	17.96	1/4		1/4		1/4		1/4	
1/2	1,803.07	1/2	1,442.51	1/2	1,081.97	1/2	721.93	1/2	361.37	1/2	12.94	1/2		1/2		1/2		1/2	
3/4	1,795.55	3/4	1,435.00	3/4	1,074.48	3/4	714.44	3/4	353.85	3/4		3/4		3/4		3/4		3/4	
7	1,788.04	7	1,427.49	7	1,066.99	7	706.94	7	346.33	7		7		7		7		7	
1/4	1,780.53	1/4	1,419.97	1/4	1,059.50	1/4	699.44	1/4	338.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,773.02	1/2	1,412.46	1/2	1,052.01	1/2	691.94	1/2	331.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,765.51	3/4	1,404.95	3/4	1,044.51	3/4	684.45	3/4	323.77	3/4		3/4		3/4		3/4		3/4	
8	1,758.00	8	1,397.44	8	1,037.02	8	676.95	8	316.25	8		8		8		8		8	
1/4	1,750.49	1/4	1,389.93	1/4	1,029.53	1/4	669.45	1/4	308.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,742.97	1/2	1,382.42	1/2	1,022.04	1/2	661.95	1/2	301.21	1/2		1/2		1/2		1/2		1/2	
3/4	1,735.46	3/4	1,374.91	3/4	1,014.55	3/4	654.46	3/4	293.69	3/4		3/4		3/4		3/4		3/4	
9	1,727.95	9	1,367.39	9	1,007.05	9	646.96	9	286.17	9		9		9		9		9	
1/4	1,720.44	1/4	1,359.88	1/4	999.56	1/4	639.46	1/4	278.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,712.93	1/2	1,352.37	1/2	992.07	1/2	631.96	1/2	271.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,705.42	3/4	1,344.86	3/4	984.58	3/4	624.47	3/4	263.61	3/4		3/4		3/4		3/4		3/4	
10	1,697.90	10	1,337.34	10	977.08	10	616.97	10	256.09	10		10		10		10		10	
1/4	1,690.39	1/4	1,329.82	1/4	969.59	1/4	609.47	1/4	248.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,682.88	1/2	1,322.31	1/2	962.10	1/2	601.97	1/2	241.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,675.37	3/4	1,314.79	3/4	954.61	3/4	594.46	3/4	233.53	3/4		3/4		3/4		3/4		3/4	
11	1,667.86	11	1,307.27	11	947.12	11	586.96	11	226.01	11		11		11		11		11	
1/4	1,660.35	1/4	1,299.75	1/4	939.62	1/4	579.45	1/4	218.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,652.83	1/2	1,292.23	1/2	932.13	1/2	571.94	1/2	210.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,645.32	3/4	1,284.72	3/4	924.63	3/4	564.42	3/4	203.45	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/28/2020 JS
CALCULATED: 09/29/2020 CL
PRINTED: 09/29/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2020

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



BARGE "TMTB 102"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,532.66	0	4,284.64	0	4,022.08	0	3,754.28	0	3,441.17	0	3,079.66	0	2,718.24	0	2,356.86
1/4		1/4		1/4	4,527.63	1/4	4,279.29	1/4	4,016.50	1/4	3,748.70	1/4	3,433.63	1/4	3,072.13	1/4	2,710.71	1/4	2,349.33
1/2		1/2		1/2	4,522.60	1/2	4,273.94	1/2	4,010.92	1/2	3,743.12	1/2	3,426.09	1/2	3,064.61	1/2	2,703.18	1/2	2,341.80
3/4		3/4		3/4	4,756.32	3/4	4,517.57	3/4	4,268.59	3/4	4,005.34	3/4	3,737.54	3/4	3,418.56	3/4	3,057.08	3/4	2,695.65
1		1		1	4,752.37	1	4,512.52	1	4,263.22	1	3,999.76	1	3,731.96	1	3,411.02	1	3,049.55	1	2,688.12
1/4		1/4		1/4	4,748.43	1/4	4,507.47	1/4	4,257.85	1/4	3,994.18	1/4	3,726.38	1/4	3,403.48	1/4	3,042.02	1/4	2,680.59
1/2		1/2		1/2	4,744.49	1/2	4,502.41	1/2	4,252.48	1/2	3,988.60	1/2	3,720.80	1/2	3,395.94	1/2	3,034.49	1/2	2,673.07
3/4		3/4		3/4	4,740.54	3/4	4,497.36	3/4	4,247.11	3/4	3,983.02	3/4	3,715.22	3/4	3,388.40	3/4	3,026.96	3/4	2,665.54
2		2		2	4,735.47	2	4,492.29	2	4,241.72	2	3,977.44	2	3,709.64	2	3,380.87	2	3,019.43	2	2,658.01
1/4		1/4		1/4	4,730.39	1/4	4,487.22	1/4	4,236.33	1/4	3,971.87	1/4	3,704.06	1/4	3,373.33	1/4	3,011.90	1/4	2,650.48
1/2		1/2		1/2	4,725.32	1/2	4,482.14	1/2	4,230.93	1/2	3,966.29	1/2	3,698.48	1/2	3,365.80	1/2	3,004.37	1/2	2,642.95
3/4		3/4		3/4	4,720.24	3/4	4,477.07	3/4	4,225.54	3/4	3,960.71	3/4	3,692.91	3/4	3,358.26	3/4	2,996.84	3/4	2,635.43
3		3		3	4,714.79	3	4,471.98	3	4,220.13	3	3,955.13	3	3,687.33	3	3,350.73	3	2,989.31	3	2,627.90
1/4		1/4		1/4	4,709.33	1/4	4,466.88	1/4	4,214.72	1/4	3,949.55	1/4	3,681.75	1/4	3,343.20	1/4	2,981.78	1/4	2,620.37
1/2		1/2		1/2	4,703.88	1/2	4,461.79	1/2	4,209.30	1/2	3,943.97	1/2	3,676.17	1/2	3,335.67	1/2	2,974.25	1/2	2,612.84
3/4		3/4		3/4	4,698.43	3/4	4,456.70	3/4	4,203.89	3/4	3,938.39	3/4	3,670.59	3/4	3,328.14	3/4	2,966.72	3/4	2,605.32
4		4		4	4,692.97	4	4,451.58	4	4,198.46	4	3,932.81	4	3,665.01	4	3,320.61	4	2,959.19	4	2,597.79
1/4		1/4		1/4	4,687.52	1/4	4,446.47	1/4	4,193.02	1/4	3,927.23	1/4	3,659.43	1/4	3,313.09	1/4	2,951.66	1/4	2,590.26
1/2		1/2		1/2	4,682.07	1/2	4,441.35	1/2	4,187.59	1/2	3,921.65	1/2	3,653.85	1/2	3,305.56	1/2	2,944.13	1/2	2,582.73
3/4		3/4		3/4	4,676.62	3/4	4,436.23	3/4	4,182.15	3/4	3,916.07	3/4	3,648.27	3/4	3,298.03	3/4	2,936.60	3/4	2,575.21
5		5		5	4,671.47	5	4,431.10	5	4,176.70	5	3,910.49	5	3,642.69	5	3,290.50	5	2,929.07	5	2,567.68
1/4		1/4		1/4	4,666.33	1/4	4,425.96	1/4	4,171.24	1/4	3,904.91	1/4	3,637.11	1/4	3,282.97	1/4	2,921.54	1/4	2,560.15
1/2		1/2		1/2	4,661.19	1/2	4,420.83	1/2	4,165.79	1/2	3,899.34	1/2	3,631.53	1/2	3,275.44	1/2	2,914.01	1/2	2,552.62
3/4		3/4		3/4	4,656.04	3/4	4,415.69	3/4	4,160.33	3/4	3,893.76	3/4	3,625.95	3/4	3,267.91	3/4	2,906.48	3/4	2,545.10
6		6		6	4,651.20	6	4,410.53	6	4,154.86	6	3,888.18	6	3,619.39	6	3,260.38	6	2,898.95	6	2,537.57
1/4		1/4		1/4	4,646.36	1/4	4,405.37	1/4	4,149.38	1/4	3,882.60	1/4	3,612.82	1/4	3,252.85	1/4	2,891.42	1/4	2,530.04
1/2		1/2		1/2	4,641.52	1/2	4,400.22	1/2	4,143.91	1/2	3,877.02	1/2	3,606.26	1/2	3,245.32	1/2	2,883.89	1/2	2,522.51
3/4		3/4		3/4	4,636.67	3/4	4,395.06	3/4	4,138.43	3/4	3,871.44	3/4	3,599.69	3/4	3,237.79	3/4	2,876.36	3/4	2,514.99
7		7		7	4,631.81	7	4,389.88	7	4,132.93	7	3,865.86	7	3,592.14	7	3,230.26	7	2,868.83	7	2,507.46
1/4		1/4		1/4	4,626.94	1/4	4,384.70	1/4	4,127.43	1/4	3,860.28	1/4	3,584.59	1/4	3,222.73	1/4	2,861.30	1/4	2,499.93
1/2		1/2		1/2	4,622.08	1/2	4,379.52	1/2	4,121.94	1/2	3,854.70	1/2	3,577.04	1/2	3,215.20	1/2	2,853.77	1/2	2,492.40
3/4		3/4		3/4	4,617.22	3/4	4,374.35	3/4	4,116.44	3/4	3,849.12	3/4	3,569.49	3/4	3,207.67	3/4	2,846.24	3/4	2,484.88
8		8		8	4,612.30	8	4,369.15	8	4,110.92	8	3,843.54	8	3,561.94	8	3,200.14	8	2,838.71	8	2,477.35
1/4		1/4		1/4	4,607.39	1/4	4,363.95	1/4	4,105.40	1/4	3,837.96	1/4	3,554.39	1/4	3,192.61	1/4	2,831.18	1/4	2,469.82
1/2		1/2		1/2	4,602.47	1/2	4,358.75	1/2	4,099.88	1/2	3,832.39	1/2	3,546.84	1/2	3,185.08	1/2	2,823.65	1/2	2,462.29
3/4		3/4		3/4	4,597.55	3/4	4,353.55	3/4	4,094.37	3/4	3,826.81	3/4	3,539.29	3/4	3,177.55	3/4	2,816.12	3/4	2,454.77
9		9		9	4,592.59	9	4,348.29	9	4,088.83	9	3,821.23	9	3,531.74	9	3,170.02	9	2,808.60	9	2,447.24
1/4		1/4		1/4	4,587.62	1/4	4,343.04	1/4	4,083.29	1/4	3,815.65	1/4	3,524.19	1/4	3,162.49	1/4	2,801.07	1/4	2,439.71
1/2		1/2		1/2	4,582.65	1/2	4,337.79	1/2	4,077.75	1/2	3,810.07	1/2	3,516.64	1/2	3,154.96	1/2	2,793.54	1/2	2,432.18
3/4		3/4		3/4	4,577.68	3/4	4,332.53	3/4	4,072.21	3/4	3,804.49	3/4	3,509.09	3/4	3,147.43	3/4	2,786.01	3/4	2,424.65
10		10		10	4,572.70	10	4,327.23	10	4,066.65	10	3,798.91	10	3,501.54	10	3,139.90	10	2,778.48	10	2,417.12
1/4		1/4		1/4	4,567.71	1/4	4,321.92	1/4	4,061.09	1/4	3,793.33	1/4	3,493.99	1/4	3,132.37	1/4	2,770.95	1/4	2,409.59
1/2		1/2		1/2	4,562.72	1/2	4,316.61	1/2	4,055.52	1/2	3,787.75	1/2	3,486.44	1/2	3,124.84	1/2	2,763.42	1/2	2,402.06
3/4		3/4		3/4	4,557.73	3/4	4,311.30	3/4	4,049.96	3/4	3,782.17	3/4	3,478.89	3/4	3,117.31	3/4	2,755.89	3/4	2,394.52
11		11		11	4,552.72	11	4,305.98	11	4,044.39	11	3,776.59	11	3,471.34	11	3,109.78	11	2,748.36	11	2,386.99
1/4		1/4		1/4	4,547.71	1/4	4,300.65	1/4	4,038.81	1/4	3,771.01	1/4	3,463.80	1/4	3,102.25	1/4	2,740.83	1/4	2,379.46
1/2		1/2		1/2	4,542.70	1/2	4,295.32	1/2	4,033.23	1/2	3,765.43	1/2	3,456.26	1/2	3,094.72	1/2	2,733.30	1/2	2,371.93
3/4		3/4		3/4	4,537.69	3/4	4,289.99	3/4	4,027.66	3/4	3,759.86	3/4	3,448.71	3/4	3,087.19	3/4	2,725.77	3/4	2,364.40

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 TO TOP LIP OF 2" HERMETIC VALVE

GAUGE POINT: (HERMETIC) LOCATED 11'-09" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "TMTB 102"

3 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 15'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	1,997.24	0	1,637.10	0	1,275.33	0	914.38	0	566.16	0	204.23	0		0		0		0	
1/4	1,989.78	1/4	1,629.57	1/4	1,267.79	1/4	907.12	1/4	558.62	1/4	196.69	1/4		1/4		1/4		1/4	
1/2	1,982.33	1/2	1,622.03	1/2	1,260.25	1/2	899.86	1/2	551.08	1/2	189.15	1/2		1/2		1/2		1/2	
3/4	1,974.87	3/4	1,614.49	3/4	1,252.71	3/4	892.60	3/4	543.54	3/4	181.61	3/4		3/4		3/4		3/4	
1	1,967.41	1	1,606.96	1	1,245.18	1	885.34	1	536.00	1	174.07	1		1		1		1	
1/4	1,959.95	1/4	1,599.42	1/4	1,237.64	1/4	878.08	1/4	528.46	1/4	166.53	1/4		1/4		1/4		1/4	
1/2	1,952.49	1/2	1,591.88	1/2	1,230.10	1/2	870.82	1/2	520.92	1/2	158.98	1/2		1/2		1/2		1/2	
3/4	1,945.03	3/4	1,584.35	3/4	1,222.57	3/4	863.56	3/4	513.38	3/4	151.44	3/4		3/4		3/4		3/4	
2	1,937.57	2	1,576.81	2	1,215.03	2	856.30	2	505.84	2	143.89	2		2		2		2	
1/4	1,930.11	1/4	1,569.27	1/4	1,207.49	1/4	849.04	1/4	498.30	1/4	136.34	1/4		1/4		1/4		1/4	
1/2	1,922.65	1/2	1,561.73	1/2	1,199.95	1/2	841.78	1/2	490.76	1/2	128.79	1/2		1/2		1/2		1/2	
3/4	1,915.19	3/4	1,554.20	3/4	1,192.42	3/4	834.52	3/4	483.22	3/4	121.24	3/4		3/4		3/4		3/4	
3	1,907.74	3	1,546.66	3	1,184.88	3	827.28	3	475.68	3	113.69	3		3		3		3	
1/4	1,900.28	1/4	1,539.12	1/4	1,177.34	1/4	820.04	1/4	468.14	1/4	106.14	1/4		1/4		1/4		1/4	
1/2	1,892.82	1/2	1,531.59	1/2	1,169.81	1/2	812.79	1/2	460.60	1/2	98.59	1/2		1/2		1/2		1/2	
3/4	1,885.36	3/4	1,524.05	3/4	1,162.27	3/4	805.55	3/4	453.06	3/4	91.04	3/4		3/4		3/4		3/4	
4	1,877.90	4	1,516.51	4	1,154.73	4	798.33	4	445.52	4	83.48	4		4		4		4	
1/4	1,870.44	1/4	1,508.98	1/4	1,147.19	1/4	791.10	1/4	437.98	1/4	75.93	1/4		1/4		1/4		1/4	
1/2	1,862.98	1/2	1,501.44	1/2	1,139.66	1/2	783.88	1/2	430.44	1/2	68.38	1/2		1/2		1/2		1/2	
3/4	1,855.52	3/4	1,493.90	3/4	1,132.12	3/4	776.65	3/4	422.90	3/4	60.83	3/4		3/4		3/4		3/4	
5	1,848.02	5	1,486.36	5	1,124.58	5	769.42	5	415.36	5	53.90	5		5		5		5	
1/4	1,840.53	1/4	1,478.83	1/4	1,117.05	1/4	762.20	1/4	407.82	1/4	46.98	1/4		1/4		1/4		1/4	
1/2	1,833.03	1/2	1,471.29	1/2	1,109.51	1/2	754.97	1/2	400.28	1/2	40.06	1/2		1/2		1/2		1/2	
3/4	1,825.53	3/4	1,463.75	3/4	1,101.97	3/4	747.75	3/4	392.74	3/4	33.14	3/4		3/4		3/4		3/4	
6	1,817.99	6	1,456.22	6	1,094.43	6	740.52	6	385.20	6	28.10	6		6		6		6	
1/4	1,810.46	1/4	1,448.68	1/4	1,086.90	1/4	733.30	1/4	377.66	1/4	23.07	1/4		1/4		1/4		1/4	
1/2	1,802.92	1/2	1,441.14	1/2	1,079.36	1/2	726.07	1/2	370.12	1/2	18.03	1/2		1/2		1/2		1/2	
3/4	1,795.38	3/4	1,433.61	3/4	1,071.82	3/4	718.84	3/4	362.58	3/4	13.00	3/4		3/4		3/4		3/4	
7	1,787.84	7	1,426.07	7	1,064.28	7	711.62	7	355.04	7		7		7		7		7	
1/4	1,780.31	1/4	1,418.53	1/4	1,056.75	1/4	704.39	1/4	347.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,772.77	1/2	1,410.99	1/2	1,049.21	1/2	697.17	1/2	339.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,765.23	3/4	1,403.46	3/4	1,041.67	3/4	689.94	3/4	332.41	3/4		3/4		3/4		3/4		3/4	
8	1,757.70	8	1,395.92	8	1,034.14	8	682.72	8	324.87	8		8		8		8		8	
1/4	1,750.16	1/4	1,388.38	1/4	1,026.60	1/4	675.49	1/4	317.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,742.62	1/2	1,380.85	1/2	1,019.06	1/2	668.27	1/2	309.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,735.09	3/4	1,373.31	3/4	1,011.52	3/4	661.04	3/4	302.25	3/4		3/4		3/4		3/4		3/4	
9	1,727.55	9	1,365.77	9	1,003.99	9	653.81	9	294.71	9		9		9		9		9	
1/4	1,720.01	1/4	1,358.24	1/4	996.45	1/4	646.59	1/4	287.17	1/4		1/4		1/4		1/4		1/4	
1/2	1,712.47	1/2	1,350.70	1/2	988.91	1/2	639.36	1/2	279.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,704.94	3/4	1,343.16	3/4	981.38	3/4	632.14	3/4	272.09	3/4		3/4		3/4		3/4		3/4	
10	1,697.40	10	1,335.62	10	973.84	10	624.91	10	264.55	10		10		10		10		10	
1/4	1,689.86	1/4	1,328.09	1/4	966.30	1/4	617.69	1/4	257.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,682.33	1/2	1,320.55	1/2	958.76	1/2	610.46	1/2	249.47	1/2		1/2		1/2		1/2		1/2	
3/4	1,674.79	3/4	1,313.01	3/4	951.23	3/4	603.24	3/4	241.93	3/4		3/4		3/4		3/4		3/4	
11	1,667.25	11	1,305.48	11	943.83	11	595.85	11	234.39	11		11		11		11		11	
1/4	1,659.72	1/4	1,297.94	1/4	936.43	1/4	588.47	1/4	226.85	1/4		1/4		1/4		1/4		1/4	
1/2	1,652.18	1/2	1,290.40	1/2	929.03	1/2	581.09	1/2	219.31	1/2		1/2		1/2		1/2		1/2	
3/4	1,644.64	3/4	1,282.86	3/4	921.63	3/4	573.70	3/4	211.77	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/28/2020 JS
CALCULATED: 09/29/2020 CL
PRINTED: 09/29/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2020

PRECISION MEASUREMENT
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