



BARGE "TMTB 102"

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	- 00-3/4	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 INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 235'-00"

September 29, 2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "TMTB 102"

1 PORT INNAGE 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	10.20	0	259.80	0	540.73	0	843.72	0	1,168.28	0	1,499.06	0	1,829.85	0	2,160.57	0	2,491.24	0	2,821.91
1/4	13.53	1/4	265.45	1/4	546.81	1/4	850.29	1/4	1,175.17	1/4	1,505.95	1/4	1,836.74	1/4	2,167.46	1/4	2,498.13	1/4	2,828.80
1/2	16.86	1/2	271.10	1/2	552.90	1/2	856.85	1/2	1,182.06	1/2	1,512.85	1/2	1,843.63	1/2	2,174.35	1/2	2,505.02	1/2	2,835.69
3/4	20.19	3/4	276.76	3/4	558.98	3/4	863.42	3/4	1,188.95	3/4	1,519.74	3/4	1,850.52	3/4	2,181.24	3/4	2,511.91	3/4	2,842.58
1	23.52	1	282.41	1	565.07	1	869.99	1	1,195.85	1	1,526.63	1	1,857.41	1	2,188.13	1	2,518.80	1	2,849.46
1/4	28.18	1/4	288.10	1/4	571.20	1/4	876.59	1/4	1,202.74	1/4	1,533.52	1/4	1,864.30	1/4	2,195.02	1/4	2,525.69	1/4	2,856.35
1/2	32.83	1/2	293.79	1/2	577.32	1/2	883.20	1/2	1,209.63	1/2	1,540.41	1/2	1,871.19	1/2	2,201.91	1/2	2,532.58	1/2	2,863.24
3/4	37.49	3/4	299.47	3/4	583.45	3/4	889.80	3/4	1,216.52	3/4	1,547.30	3/4	1,878.08	3/4	2,208.80	3/4	2,539.46	3/4	2,870.13
2	42.15	2	305.16	2	589.57	2	896.41	2	1,223.41	2	1,554.19	2	1,884.98	2	2,215.69	2	2,546.35	2	2,877.02
1/4	47.42	1/4	310.89	1/4	595.73	1/4	903.05	1/4	1,230.30	1/4	1,561.08	1/4	1,891.87	1/4	2,222.57	1/4	2,553.24	1/4	2,883.91
1/2	52.69	1/2	316.62	1/2	601.90	1/2	909.69	1/2	1,237.19	1/2	1,567.98	1/2	1,898.76	1/2	2,229.46	1/2	2,560.13	1/2	2,890.80
3/4	57.96	3/4	322.35	3/4	608.06	3/4	916.34	3/4	1,244.08	3/4	1,574.87	3/4	1,905.65	3/4	2,236.35	3/4	2,567.02	3/4	2,897.69
3	63.23	3	328.07	3	614.22	3	922.98	3	1,250.98	3	1,581.76	3	1,912.54	3	2,243.24	3	2,573.91	3	2,904.58
1/4	68.53	1/4	333.84	1/4	620.43	1/4	929.66	1/4	1,257.87	1/4	1,588.65	1/4	1,919.43	1/4	2,250.13	1/4	2,580.80	1/4	2,911.46
1/2	73.84	1/2	339.60	1/2	626.65	1/2	936.34	1/2	1,264.76	1/2	1,595.54	1/2	1,926.32	1/2	2,257.02	1/2	2,587.69	1/2	2,918.35
3/4	79.15	3/4	345.37	3/4	632.86	3/4	943.02	3/4	1,271.65	3/4	1,602.43	3/4	1,933.21	3/4	2,263.91	3/4	2,594.58	3/4	2,925.24
4	84.46	4	351.14	4	639.07	4	949.71	4	1,278.54	4	1,609.32	4	1,940.11	4	2,270.80	4	2,601.46	4	2,932.13
1/4	89.80	1/4	356.94	1/4	645.33	1/4	956.43	1/4	1,285.43	1/4	1,616.22	1/4	1,947.00	1/4	2,277.69	1/4	2,608.35	1/4	2,939.02
1/2	95.15	1/2	362.74	1/2	651.59	1/2	963.15	1/2	1,292.32	1/2	1,623.11	1/2	1,953.89	1/2	2,284.57	1/2	2,615.24	1/2	2,945.91
3/4	100.50	3/4	368.55	3/4	657.86	3/4	969.87	3/4	1,299.22	3/4	1,630.00	3/4	1,960.78	3/4	2,291.46	3/4	2,622.13	3/4	2,952.80
5	105.84	5	374.35	5	664.12	5	976.58	5	1,306.11	5	1,636.89	5	1,967.67	5	2,298.35	5	2,629.02	5	2,959.69
1/4	111.23	1/4	380.19	1/4	670.42	1/4	983.34	1/4	1,313.00	1/4	1,643.78	1/4	1,974.56	1/4	2,305.24	1/4	2,635.91	1/4	2,966.58
1/2	116.61	1/2	386.03	1/2	676.72	1/2	990.10	1/2	1,319.89	1/2	1,650.67	1/2	1,981.45	1/2	2,312.13	1/2	2,642.80	1/2	2,973.46
3/4	121.99	3/4	391.88	3/4	683.02	3/4	996.86	3/4	1,326.78	3/4	1,657.56	3/4	1,988.35	3/4	2,319.02	3/4	2,649.69	3/4	2,980.35
6	127.38	6	397.72	6	689.32	6	1,003.62	6	1,333.67	6	1,664.45	6	1,995.24	6	2,325.91	6	2,656.58	6	2,987.24
1/4	132.80	1/4	403.60	1/4	695.66	1/4	1,010.41	1/4	1,340.56	1/4	1,671.35	1/4	2,002.13	1/4	2,332.80	1/4	2,663.46	1/4	2,994.13
1/2	138.22	1/2	409.48	1/2	701.99	1/2	1,017.21	1/2	1,347.45	1/2	1,678.24	1/2	2,009.02	1/2	2,339.69	1/2	2,670.35	1/2	3,001.02
3/4	143.65	3/4	415.36	3/4	708.33	3/4	1,024.00	3/4	1,354.35	3/4	1,685.13	3/4	2,015.91	3/4	2,346.57	3/4	2,677.24	3/4	3,007.91
7	149.07	7	421.24	7	714.67	7	1,030.80	7	1,361.24	7	1,692.02	7	2,022.80	7	2,353.46	7	2,684.13	7	3,014.80
1/4	154.53	1/4	427.15	1/4	721.05	1/4	1,037.63	1/4	1,368.13	1/4	1,698.91	1/4	2,029.69	1/4	2,360.35	1/4	2,691.02	1/4	3,021.69
1/2	159.99	1/2	433.05	1/2	727.42	1/2	1,044.47	1/2	1,375.02	1/2	1,705.80	1/2	2,036.58	1/2	2,367.24	1/2	2,697.91	1/2	3,028.58
3/4	165.45	3/4	438.96	3/4	733.80	3/4	1,051.30	3/4	1,381.91	3/4	1,712.69	3/4	2,043.46	3/4	2,374.13	3/4	2,704.80	3/4	3,035.46
8	170.91	8	444.87	8	740.17	8	1,058.13	8	1,388.80	8	1,719.58	8	2,050.35	8	2,381.02	8	2,711.69	8	3,042.35
1/4	176.41	1/4	450.80	1/4	746.59	1/4	1,065.00	1/4	1,395.69	1/4	1,726.48	1/4	2,057.24	1/4	2,387.91	1/4	2,718.58	1/4	3,049.24
1/2	181.91	1/2	456.73	1/2	753.00	1/2	1,071.87	1/2	1,402.58	1/2	1,733.37	1/2	2,064.13	1/2	2,394.80	1/2	2,725.46	1/2	3,056.13
3/4	187.40	3/4	462.67	3/4	759.42	3/4	1,078.74	3/4	1,409.48	3/4	1,740.26	3/4	2,071.02	3/4	2,401.69	3/4	2,732.35	3/4	3,063.02
9	192.90	9	468.60	9	765.83	9	1,085.60	9	1,416.37	9	1,747.15	9	2,077.91	9	2,408.58	9	2,739.24	9	3,069.91
1/4	198.44	1/4	474.57	1/4	772.28	1/4	1,092.49	1/4	1,423.26	1/4	1,754.04	1/4	2,084.80	1/4	2,415.46	1/4	2,746.13	1/4	3,076.80
1/2	203.98	1/2	480.55	1/2	778.74	1/2	1,099.38	1/2	1,430.15	1/2	1,760.93	1/2	2,091.69	1/2	2,422.35	1/2	2,753.02	1/2	3,083.69
3/4	209.51	3/4	486.52	3/4	785.19	3/4	1,106.26	3/4	1,437.04	3/4	1,767.82	3/4	2,098.57	3/4	2,429.24	3/4	2,759.91	3/4	3,090.58
10	215.05	10	492.49	10	791.64	10	1,113.15	10	1,443.93	10	1,774.72	10	2,105.46	10	2,436.13	10	2,766.80	10	3,097.46
1/4	220.63	1/4	498.50	1/4	798.13	1/4	1,120.04	1/4	1,450.82	1/4	1,781.61	1/4	2,112.35	1/4	2,443.02	1/4	2,773.69	1/4	3,104.35
1/2	226.20	1/2	504.51	1/2	804.62	1/2	1,126.93	1/2	1,457.72	1/2	1,788.50	1/2	2,119.24	1/2	2,449.91	1/2	2,780.58	1/2	3,111.24
3/4	231.77	3/4	510.52	3/4	811.11	3/4	1,133.82	3/4	1,464.61	3/4	1,795.39	3/4	2,126.13	3/4	2,456.80	3/4	2,787.46	3/4	3,118.13
11	237.35	11	516.53	11	817.60	11	1,140.72	11	1,471.50	11	1,802.28	11	2,133.02	11	2,463.69	11	2,794.35	11	3,125.02
1/4	242.96	1/4	522.58	1/4	824.13	1/4	1,147.61	1/4	1,478.39	1/4	1,809.17	1/4	2,139.91	1/4	2,470.58	1/4	2,801.24	1/4	3,131.91
1/2	248.58	1/2	528.63	1/2	830.66	1/2	1,154.50	1/2	1,485.28	1/2	1,816.06	1/2	2,146.80	1/2	2,477.46	1/2	2,808.13	1/2	3,138.80
3/4	254.19	3/4	534.68	3/4	837.19	3/4	1,161.39	3/4	1,492.17	3/4	1,822.95	3/4	2,153.69	3/4	2,484.35	3/4	2,815.02	3/4	3,145.69

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 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

INNAGE 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	3,152.58	0	3,483.24	0	3,812.91	0	4,130.14	0	4,430.22	0		0		0		0		0	
1/4	3,159.47	1/4	3,490.13	1/4	3,819.67	1/4	4,136.55	1/4	4,436.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,166.35	1/2	3,497.02	1/2	3,826.43	1/2	4,142.96	1/2	4,442.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,173.24	3/4	3,503.91	3/4	3,833.19	3/4	4,149.37	3/4	4,448.21	3/4		3/4		3/4		3/4		3/4	
1	3,180.13	1	3,510.80	1	3,839.95	1	4,155.77	1	4,454.21	1		1		1		1		1	
1/4	3,187.02	1/4	3,517.69	1/4	3,846.69	1/4	4,162.16	1/4	4,460.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,193.91	1/2	3,524.58	1/2	3,853.42	1/2	4,168.54	1/2	4,466.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,200.80	3/4	3,531.47	3/4	3,860.16	3/4	4,174.92	3/4	4,473.32	3/4		3/4		3/4		3/4		3/4	
2	3,207.69	2	3,538.35	2	3,866.89	2	4,181.30	2	4,479.69	2		2		2		2		2	
1/4	3,214.58	1/4	3,545.24	1/4	3,873.60	1/4	4,187.65	1/4	4,486.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,221.47	1/2	3,552.13	1/2	3,880.31	1/2	4,194.01	1/2	4,493.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,228.35	3/4	3,559.02	3/4	3,887.02	3/4	4,200.36	3/4	4,499.95	3/4		3/4		3/4		3/4		3/4	
3	3,235.24	3	3,565.91	3	3,893.73	3	4,206.72	3	4,506.70	3		3		3		3		3	
1/4	3,242.13	1/4	3,572.80	1/4	3,900.41	1/4	4,213.05	1/4	4,513.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,249.02	1/2	3,579.69	1/2	3,907.10	1/2	4,219.38	1/2	4,520.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,255.91	3/4	3,586.58	3/4	3,913.78	3/4	4,225.71	3/4	4,526.97	3/4		3/4		3/4		3/4		3/4	
4	3,262.80	4	3,593.47	4	3,920.46	4	4,232.03	4	4,533.72	4		4		4		4		4	
1/4	3,269.69	1/4	3,600.35	1/4	3,927.12	1/4	4,238.34	1/4	4,540.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,276.58	1/2	3,607.24	1/2	3,933.78	1/2	4,244.64	1/2	4,546.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,283.47	3/4	3,614.13	3/4	3,940.43	3/4	4,250.94	3/4	4,552.95	3/4		3/4		3/4		3/4		3/4	
5	3,290.35	5	3,621.02	5	3,947.09	5	4,257.24	5	4,559.36	5		5		5		5		5	
1/4	3,297.24	1/4	3,627.91	1/4	3,953.72	1/4	4,263.52	1/4	4,564.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,304.13	1/2	3,634.80	1/2	3,960.35	1/2	4,269.80	1/2	4,570.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,311.02	3/4	3,641.69	3/4	3,966.98	3/4	4,276.07	3/4	4,575.49	3/4		3/4		3/4		3/4		3/4	
6	3,317.91	6	3,648.58	6	3,973.61	6	4,282.35	6	4,580.87	6		6		6		6		6	
1/4	3,324.80	1/4	3,655.47	1/4	3,980.21	1/4	4,288.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,331.69	1/2	3,662.35	1/2	3,986.82	1/2	4,294.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,338.58	3/4	3,669.24	3/4	3,993.42	3/4	4,301.10	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,345.47	7	3,676.13	7	4,000.03	7	4,307.35	7		7		7		7		7		7	
1/4	3,352.35	1/4	3,683.02	1/4	4,006.61	1/4	4,313.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,359.24	1/2	3,689.91	1/2	4,013.18	1/2	4,319.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,366.13	3/4	3,696.79	3/4	4,019.76	3/4	4,326.02	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,373.02	8	3,703.68	8	4,026.34	8	4,332.25	8		8		8		8		8		8	
1/4	3,379.91	1/4	3,710.55	1/4	4,032.89	1/4	4,338.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,386.80	1/2	3,717.41	1/2	4,039.44	1/2	4,344.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,393.69	3/4	3,724.28	3/4	4,046.00	3/4	4,350.84	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,400.58	9	3,731.14	9	4,052.55	9	4,357.04	9		9		9		9		9		9	
1/4	3,407.47	1/4	3,737.98	1/4	4,059.05	1/4	4,363.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,414.35	1/2	3,744.82	1/2	4,065.56	1/2	4,369.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,421.24	3/4	3,751.66	3/4	4,072.07	3/4	4,375.56	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,428.13	10	3,758.50	10	4,078.57	10	4,381.73	10		10		10		10		10		10	
1/4	3,435.02	1/4	3,765.32	1/4	4,085.03	1/4	4,387.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,441.91	1/2	3,772.13	1/2	4,091.49	1/2	4,393.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,448.80	3/4	3,778.95	3/4	4,097.95	3/4	4,400.02	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,455.69	11	3,785.76	11	4,104.41	11	4,406.12	11		11		11		11		11		11	
1/4	3,462.58	1/4	3,792.55	1/4	4,110.84	1/4	4,412.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,469.47	1/2	3,799.33	1/2	4,117.28	1/2	4,418.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,476.35	3/4	3,806.12	3/4	4,123.71	3/4	4,424.19	3/4		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"

1 STBD

INNAGE 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	10.22	0	260.45	0	541.60	0	844.55	0	1,169.84	0	1,501.36	0	1,832.87	0	2,164.34	0	2,495.75	0	2,827.16
1/4	13.56	1/4	266.11	1/4	547.67	1/4	851.13	1/4	1,176.75	1/4	1,508.26	1/4	1,839.78	1/4	2,171.25	1/4	2,502.66	1/4	2,834.06
1/2	16.90	1/2	271.78	1/2	553.75	1/2	857.71	1/2	1,183.65	1/2	1,515.17	1/2	1,846.69	1/2	2,178.15	1/2	2,509.56	1/2	2,840.97
3/4	20.24	3/4	277.44	3/4	559.82	3/4	864.29	3/4	1,190.56	3/4	1,522.08	3/4	1,853.59	3/4	2,185.06	3/4	2,516.46	3/4	2,847.87
1	23.58	1	283.11	1	565.90	1	870.88	1	1,197.46	1	1,528.98	1	1,860.50	1	2,191.96	1	2,523.37	1	2,854.77
1/4	28.25	1/4	288.81	1/4	572.01	1/4	877.50	1/4	1,204.37	1/4	1,535.89	1/4	1,867.41	1/4	2,198.87	1/4	2,530.27	1/4	2,861.68
1/2	32.92	1/2	294.51	1/2	578.13	1/2	884.12	1/2	1,211.28	1/2	1,542.79	1/2	1,874.31	1/2	2,205.77	1/2	2,537.18	1/2	2,868.58
3/4	37.58	3/4	300.21	3/4	584.24	3/4	890.74	3/4	1,218.18	3/4	1,549.70	3/4	1,881.22	3/4	2,212.67	3/4	2,544.08	3/4	2,875.49
2	42.25	2	305.92	2	590.36	2	897.36	2	1,225.09	2	1,556.61	2	1,888.12	2	2,219.58	2	2,550.99	2	2,882.39
1/4	47.54	1/4	311.66	1/4	596.51	1/4	904.02	1/4	1,232.00	1/4	1,563.51	1/4	1,895.03	1/4	2,226.48	1/4	2,557.89	1/4	2,889.30
1/2	52.82	1/2	317.40	1/2	602.66	1/2	910.67	1/2	1,238.90	1/2	1,570.42	1/2	1,901.94	1/2	2,233.39	1/2	2,564.79	1/2	2,896.20
3/4	58.10	3/4	323.14	3/4	608.82	3/4	917.33	3/4	1,245.81	3/4	1,577.33	3/4	1,908.84	3/4	2,240.29	3/4	2,571.70	3/4	2,903.10
3	63.39	3	328.88	3	614.97	3	923.99	3	1,252.72	3	1,584.23	3	1,915.75	3	2,247.20	3	2,578.60	3	2,910.01
1/4	68.71	1/4	334.66	1/4	621.17	1/4	930.69	1/4	1,259.62	1/4	1,591.14	1/4	1,922.66	1/4	2,254.10	1/4	2,585.51	1/4	2,916.91
1/2	74.03	1/2	340.44	1/2	627.37	1/2	937.38	1/2	1,266.53	1/2	1,598.05	1/2	1,929.56	1/2	2,261.00	1/2	2,592.41	1/2	2,923.82
3/4	79.35	3/4	346.22	3/4	633.57	3/4	944.08	3/4	1,273.44	3/4	1,604.95	3/4	1,936.47	3/4	2,267.91	3/4	2,599.32	3/4	2,930.72
4	84.67	4	352.00	4	639.78	4	950.78	4	1,280.34	4	1,611.86	4	1,943.38	4	2,274.81	4	2,606.22	4	2,937.63
1/4	90.03	1/4	357.82	1/4	646.03	1/4	957.51	1/4	1,287.25	1/4	1,618.77	1/4	1,950.28	1/4	2,281.72	1/4	2,613.12	1/4	2,944.53
1/2	95.39	1/2	363.64	1/2	652.28	1/2	964.25	1/2	1,294.16	1/2	1,625.67	1/2	1,957.19	1/2	2,288.62	1/2	2,620.03	1/2	2,951.43
3/4	100.75	3/4	369.45	3/4	658.53	3/4	970.98	3/4	1,301.06	3/4	1,632.58	3/4	1,964.10	3/4	2,295.53	3/4	2,626.93	3/4	2,958.34
5	106.11	5	375.27	5	664.78	5	977.71	5	1,307.97	5	1,639.49	5	1,971.00	5	2,302.43	5	2,633.84	5	2,965.24
1/4	111.50	1/4	381.13	1/4	671.07	1/4	984.49	1/4	1,314.88	1/4	1,646.39	1/4	1,977.91	1/4	2,309.33	1/4	2,640.74	1/4	2,972.15
1/2	116.90	1/2	386.98	1/2	677.36	1/2	991.26	1/2	1,321.78	1/2	1,653.30	1/2	1,984.82	1/2	2,316.24	1/2	2,647.65	1/2	2,979.05
3/4	122.30	3/4	392.84	3/4	683.65	3/4	998.03	3/4	1,328.69	3/4	1,660.21	3/4	1,991.72	3/4	2,323.14	3/4	2,654.55	3/4	2,985.96
6	127.70	6	398.70	6	689.94	6	1,004.81	6	1,335.60	6	1,667.11	6	1,998.63	6	2,330.05	6	2,661.45	6	2,992.86
1/4	133.13	1/4	404.59	1/4	696.27	1/4	1,011.62	1/4	1,342.50	1/4	1,674.02	1/4	2,005.54	1/4	2,336.95	1/4	2,668.36	1/4	2,999.76
1/2	138.57	1/2	410.48	1/2	702.60	1/2	1,018.43	1/2	1,349.41	1/2	1,680.93	1/2	2,012.44	1/2	2,343.86	1/2	2,675.26	1/2	3,006.67
3/4	144.00	3/4	416.38	3/4	708.92	3/4	1,025.24	3/4	1,356.32	3/4	1,687.83	3/4	2,019.35	3/4	2,350.76	3/4	2,682.17	3/4	3,013.57
7	149.44	7	422.27	7	715.25	7	1,032.05	7	1,363.22	7	1,694.74	7	2,026.26	7	2,357.66	7	2,689.07	7	3,020.48
1/4	154.91	1/4	428.18	1/4	721.63	1/4	1,038.90	1/4	1,370.13	1/4	1,701.65	1/4	2,033.16	1/4	2,364.57	1/4	2,695.98	1/4	3,027.38
1/2	160.39	1/2	434.09	1/2	728.01	1/2	1,045.75	1/2	1,377.04	1/2	1,708.55	1/2	2,040.07	1/2	2,371.47	1/2	2,702.88	1/2	3,034.29
3/4	165.86	3/4	440.00	3/4	734.39	3/4	1,052.60	3/4	1,383.94	3/4	1,715.46	3/4	2,046.97	3/4	2,378.38	3/4	2,709.78	3/4	3,041.19
8	171.34	8	445.91	8	740.77	8	1,059.45	8	1,390.85	8	1,722.37	8	2,053.88	8	2,385.28	8	2,716.69	8	3,048.09
1/4	176.85	1/4	451.83	1/4	747.20	1/4	1,066.33	1/4	1,397.76	1/4	1,729.27	1/4	2,060.78	1/4	2,392.19	1/4	2,723.59	1/4	3,055.00
1/2	182.36	1/2	457.75	1/2	753.63	1/2	1,073.21	1/2	1,404.66	1/2	1,736.18	1/2	2,067.68	1/2	2,399.09	1/2	2,730.50	1/2	3,061.90
3/4	187.87	3/4	463.68	3/4	760.05	3/4	1,080.10	3/4	1,411.57	3/4	1,743.09	3/4	2,074.59	3/4	2,405.99	3/4	2,737.40	3/4	3,068.81
9	193.38	9	469.60	9	766.48	9	1,086.98	9	1,418.48	9	1,749.99	9	2,081.49	9	2,412.90	9	2,744.31	9	3,075.71
1/4	198.93	1/4	475.56	1/4	772.95	1/4	1,093.88	1/4	1,425.38	1/4	1,756.90	1/4	2,088.40	1/4	2,419.80	1/4	2,751.21	1/4	3,082.62
1/2	204.48	1/2	481.52	1/2	779.42	1/2	1,100.78	1/2	1,432.29	1/2	1,763.81	1/2	2,095.30	1/2	2,426.71	1/2	2,758.11	1/2	3,089.52
3/4	210.03	3/4	487.48	3/4	785.89	3/4	1,107.68	3/4	1,439.20	3/4	1,770.71	3/4	2,102.21	3/4	2,433.61	3/4	2,765.02	3/4	3,096.42
10	215.59	10	493.45	10	792.35	10	1,114.59	10	1,446.10	10	1,777.62	10	2,109.11	10	2,440.52	10	2,771.92	10	3,103.33
1/4	221.17	1/4	499.45	1/4	798.86	1/4	1,121.49	1/4	1,453.01	1/4	1,784.53	1/4	2,116.01	1/4	2,447.42	1/4	2,778.83	1/4	3,110.23
1/2	226.76	1/2	505.44	1/2	805.36	1/2	1,128.40	1/2	1,459.92	1/2	1,791.43	1/2	2,122.92	1/2	2,454.33	1/2	2,785.73	1/2	3,117.14
3/4	232.35	3/4	511.44	3/4	811.87	3/4	1,135.31	3/4	1,466.82	3/4	1,798.34	3/4	2,129.82	3/4	2,461.23	3/4	2,792.64	3/4	3,124.04
11	237.94	11	517.44	11	818.37	11	1,142.21	11	1,473.73	11	1,805.25	11	2,136.73	11	2,468.13	11	2,799.54	11	3,130.95
1/4	243.57	1/4	523.48	1/4	824.92	1/4	1,149.12	1/4	1,480.64	1/4	1,812.15	1/4	2,143.63	1/4	2,475.04	1/4	2,806.44	1/4	3,137.85
1/2	249.19	1/2	529.52	1/2	831.46	1/2	1,156.03	1/2	1,487.54	1/2	1,819.06	1/2	2,150.54	1/2	2,481.94	1/2	2,813.35	1/2	3,144.76
3/4	254.82	3/4	535.56	3/4	838.01	3/4	1,162.93	3/4	1,494.45	3/4	1,825.97	3/4	2,157.44	3/4	2,488.85	3/4	2,820.25	3/4	3,151.66

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 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

INNAGE 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	3,158.56	0	3,489.97	0	3,820.36	0	4,138.31	0	4,439.08	0		0		0		0		0	
1/4	3,165.47	1/4	3,496.87	1/4	3,827.14	1/4	4,144.74	1/4	4,445.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,172.37	1/2	3,503.78	1/2	3,833.91	1/2	4,151.16	1/2	4,451.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,179.28	3/4	3,510.68	3/4	3,840.69	3/4	4,157.58	3/4	4,457.12	3/4		3/4		3/4		3/4		3/4	
1	3,186.18	1	3,517.59	1	3,847.47	1	4,164.00	1	4,463.13	1		1		1		1		1	
1/4	3,193.09	1/4	3,524.49	1/4	3,854.22	1/4	4,170.40	1/4	4,469.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,199.99	1/2	3,531.40	1/2	3,860.97	1/2	4,176.79	1/2	4,475.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,206.89	3/4	3,538.30	3/4	3,867.72	3/4	4,183.19	3/4	4,482.29	3/4		3/4		3/4		3/4		3/4	
2	3,213.80	2	3,545.20	2	3,874.47	2	4,189.59	2	4,488.67	2		2		2		2		2	
1/4	3,220.70	1/4	3,552.11	1/4	3,881.19	1/4	4,195.96	1/4	4,495.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,227.61	1/2	3,559.01	1/2	3,887.92	1/2	4,202.33	1/2	4,502.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,234.51	3/4	3,565.92	3/4	3,894.64	3/4	4,208.69	3/4	4,508.98	3/4		3/4		3/4		3/4		3/4	
3	3,241.42	3	3,572.82	3	3,901.36	3	4,215.06	3	4,515.75	3		3		3		3		3	
1/4	3,248.32	1/4	3,579.73	1/4	3,908.06	1/4	4,221.41	1/4	4,522.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,255.22	1/2	3,586.63	1/2	3,914.76	1/2	4,227.75	1/2	4,529.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,262.13	3/4	3,593.53	3/4	3,921.46	3/4	4,234.10	3/4	4,536.05	3/4		3/4		3/4		3/4		3/4	
4	3,269.03	4	3,600.44	4	3,928.15	4	4,240.44	4	4,542.82	4		4		4		4		4	
1/4	3,275.94	1/4	3,607.34	1/4	3,934.83	1/4	4,246.76	1/4	4,549.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,282.84	1/2	3,614.25	1/2	3,941.50	1/2	4,253.07	1/2	4,555.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,289.75	3/4	3,621.15	3/4	3,948.17	3/4	4,259.39	3/4	4,562.10	3/4		3/4		3/4		3/4		3/4	
5	3,296.65	5	3,628.06	5	3,954.84	5	4,265.71	5	4,568.53	5		5		5		5		5	
1/4	3,303.55	1/4	3,634.96	1/4	3,961.49	1/4	4,272.00	1/4	4,573.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,310.46	1/2	3,641.86	1/2	3,968.13	1/2	4,278.29	1/2	4,579.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,317.36	3/4	3,648.77	3/4	3,974.78	3/4	4,284.58	3/4	4,584.70	3/4		3/4		3/4		3/4		3/4	
6	3,324.27	6	3,655.67	6	3,981.42	6	4,290.87	6	4,590.09	6		6		6		6		6	
1/4	3,331.17	1/4	3,662.58	1/4	3,988.04	1/4	4,297.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,338.08	1/2	3,669.48	1/2	3,994.66	1/2	4,303.40	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,344.98	3/4	3,676.39	3/4	4,001.28	3/4	4,309.67	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,351.88	7	3,683.29	7	4,007.90	7	4,315.93	7		7		7		7		7		7	
1/4	3,358.79	1/4	3,690.19	1/4	4,014.49	1/4	4,322.17	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,365.69	1/2	3,697.09	1/2	4,021.09	1/2	4,328.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,372.60	3/4	3,703.99	3/4	4,027.68	3/4	4,334.65	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,379.50	8	3,710.89	8	4,034.27	8	4,340.89	8		8		8		8		8		8	
1/4	3,386.41	1/4	3,717.77	1/4	4,040.84	1/4	4,347.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,393.31	1/2	3,724.65	1/2	4,047.41	1/2	4,353.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,400.21	3/4	3,731.53	3/4	4,053.97	3/4	4,359.52	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,407.12	9	3,738.41	9	4,060.54	9	4,365.74	9		9		9		9		9		9	
1/4	3,414.02	1/4	3,745.27	1/4	4,067.06	1/4	4,371.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,420.93	1/2	3,752.12	1/2	4,073.58	1/2	4,378.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,427.83	3/4	3,758.98	3/4	4,080.10	3/4	4,384.29	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,434.74	10	3,765.83	10	4,086.62	10	4,390.48	10		10		10		10		10		10	
1/4	3,441.64	1/4	3,772.66	1/4	4,093.10	1/4	4,396.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,448.54	1/2	3,779.49	1/2	4,099.57	1/2	4,402.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,455.45	3/4	3,786.32	3/4	4,106.05	3/4	4,408.82	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,462.35	11	3,793.15	11	4,112.52	11	4,414.93	11		11		11		11		11		11	
1/4	3,469.26	1/4	3,799.95	1/4	4,118.97	1/4	4,420.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,476.16	1/2	3,806.75	1/2	4,125.42	1/2	4,427.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,483.07	3/4	3,813.56	3/4	4,131.87	3/4	4,433.05	3/4		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 INNAGE 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	13.89	0	388.53	0	776.25	0	1,164.07	0	1,552.20	0	1,940.33	0	2,328.46	0	2,716.56	0	3,104.58	0	3,492.60
1/4	19.28	1/4	396.62	1/4	784.31	1/4	1,172.15	1/4	1,560.29	1/4	1,948.42	1/4	2,336.55	1/4	2,724.64	1/4	3,112.66	1/4	3,500.68
1/2	24.67	1/2	404.71	1/2	792.38	1/2	1,180.24	1/2	1,568.37	1/2	1,956.50	1/2	2,344.64	1/2	2,732.72	1/2	3,120.75	1/2	3,508.77
3/4	30.06	3/4	412.79	3/4	800.44	3/4	1,188.32	3/4	1,576.46	3/4	1,964.59	3/4	2,352.72	3/4	2,740.81	3/4	3,128.83	3/4	3,516.85
1	35.45	1	420.88	1	808.50	1	1,196.41	1	1,584.54	1	1,972.68	1	2,360.81	1	2,748.89	1	3,136.91	1	3,524.94
1/4	42.86	1/4	428.96	1/4	816.57	1/4	1,204.50	1/4	1,592.63	1/4	1,980.76	1/4	2,368.90	1/4	2,756.97	1/4	3,145.00	1/4	3,533.02
1/2	50.27	1/2	437.05	1/2	824.63	1/2	1,212.58	1/2	1,600.72	1/2	1,988.85	1/2	2,376.98	1/2	2,765.06	1/2	3,153.08	1/2	3,541.10
3/4	57.69	3/4	445.13	3/4	832.69	3/4	1,220.67	3/4	1,608.80	3/4	1,996.93	3/4	2,385.07	3/4	2,773.14	3/4	3,161.16	3/4	3,549.19
2	65.10	2	453.22	2	840.76	2	1,228.75	2	1,616.89	2	2,005.02	2	2,393.15	2	2,781.23	2	3,169.25	2	3,557.27
1/4	73.18	1/4	461.31	1/4	848.82	1/4	1,236.84	1/4	1,624.97	1/4	2,013.11	1/4	2,401.24	1/4	2,789.31	1/4	3,177.33	1/4	3,565.35
1/2	81.27	1/2	469.39	1/2	856.88	1/2	1,244.93	1/2	1,633.06	1/2	2,021.19	1/2	2,409.33	1/2	2,797.39	1/2	3,185.42	1/2	3,573.44
3/4	89.36	3/4	477.48	3/4	864.95	3/4	1,253.01	3/4	1,641.15	3/4	2,029.28	3/4	2,417.41	3/4	2,805.48	3/4	3,193.50	3/4	3,581.52
3	97.44	3	485.56	3	873.01	3	1,261.10	3	1,649.23	3	2,037.36	3	2,425.50	3	2,813.56	3	3,201.58	3	3,589.61
1/4	105.53	1/4	493.65	1/4	881.09	1/4	1,269.19	1/4	1,657.32	1/4	2,045.45	1/4	2,433.58	1/4	2,821.65	1/4	3,209.67	1/4	3,597.69
1/2	113.61	1/2	501.74	1/2	889.16	1/2	1,277.27	1/2	1,665.40	1/2	2,053.54	1/2	2,441.67	1/2	2,829.73	1/2	3,217.75	1/2	3,605.77
3/4	121.70	3/4	509.82	3/4	897.24	3/4	1,285.36	3/4	1,673.49	3/4	2,061.62	3/4	2,449.76	3/4	2,837.81	3/4	3,225.84	3/4	3,613.86
4	129.78	4	517.91	4	905.31	4	1,293.44	4	1,681.58	4	2,069.71	4	2,457.84	4	2,845.90	4	3,233.92	4	3,621.94
1/4	137.87	1/4	525.99	1/4	913.40	1/4	1,301.53	1/4	1,689.66	1/4	2,077.80	1/4	2,465.93	1/4	2,853.98	1/4	3,242.00	1/4	3,630.03
1/2	145.96	1/2	534.08	1/2	921.48	1/2	1,309.62	1/2	1,697.75	1/2	2,085.88	1/2	2,474.01	1/2	2,862.06	1/2	3,250.09	1/2	3,638.11
3/4	154.04	3/4	542.17	3/4	929.57	3/4	1,317.70	3/4	1,705.83	3/4	2,093.97	3/4	2,482.10	3/4	2,870.15	3/4	3,258.17	3/4	3,646.19
5	162.13	5	550.25	5	937.66	5	1,325.79	5	1,713.92	5	2,102.05	5	2,490.19	5	2,878.23	5	3,266.25	5	3,654.28
1/4	170.21	1/4	558.34	1/4	945.74	1/4	1,333.87	1/4	1,722.01	1/4	2,110.14	1/4	2,498.27	1/4	2,886.32	1/4	3,274.34	1/4	3,662.36
1/2	178.30	1/2	566.42	1/2	953.83	1/2	1,341.96	1/2	1,730.09	1/2	2,118.23	1/2	2,506.36	1/2	2,894.40	1/2	3,282.42	1/2	3,670.44
3/4	186.39	3/4	574.51	3/4	961.91	3/4	1,350.05	3/4	1,738.18	3/4	2,126.31	3/4	2,514.44	3/4	2,902.48	3/4	3,290.51	3/4	3,678.53
6	194.47	6	582.59	6	970.00	6	1,358.13	6	1,746.27	6	2,134.40	6	2,522.53	6	2,910.57	6	3,298.59	6	3,686.61
1/4	202.56	1/4	590.68	1/4	978.09	1/4	1,366.22	1/4	1,754.35	1/4	2,142.48	1/4	2,530.62	1/4	2,918.65	1/4	3,306.67	1/4	3,694.70
1/2	210.64	1/2	598.77	1/2	986.17	1/2	1,374.30	1/2	1,762.44	1/2	2,150.57	1/2	2,538.70	1/2	2,926.73	1/2	3,314.76	1/2	3,702.78
3/4	218.73	3/4	606.85	3/4	994.26	3/4	1,382.39	3/4	1,770.52	3/4	2,158.66	3/4	2,546.79	3/4	2,934.82	3/4	3,322.84	3/4	3,710.86
7	226.82	7	614.94	7	1,002.34	7	1,390.48	7	1,778.61	7	2,166.74	7	2,554.88	7	2,942.90	7	3,330.92	7	3,718.95
1/4	234.90	1/4	623.01	1/4	1,010.43	1/4	1,398.56	1/4	1,786.70	1/4	2,174.83	1/4	2,562.96	1/4	2,950.99	1/4	3,339.01	1/4	3,727.03
1/2	242.99	1/2	631.09	1/2	1,018.52	1/2	1,406.65	1/2	1,794.78	1/2	2,182.91	1/2	2,571.05	1/2	2,959.07	1/2	3,347.09	1/2	3,735.11
3/4	251.07	3/4	639.16	3/4	1,026.60	3/4	1,414.74	3/4	1,802.87	3/4	2,191.00	3/4	2,579.13	3/4	2,967.15	3/4	3,355.18	3/4	3,743.20
8	259.16	8	647.24	8	1,034.69	8	1,422.82	8	1,810.95	8	2,199.09	8	2,587.21	8	2,975.24	8	3,363.26	8	3,751.28
1/4	267.24	1/4	655.30	1/4	1,042.77	1/4	1,430.91	1/4	1,819.04	1/4	2,207.17	1/4	2,595.30	1/4	2,983.32	1/4	3,371.34	1/4	3,759.37
1/2	275.33	1/2	663.36	1/2	1,050.86	1/2	1,438.99	1/2	1,827.13	1/2	2,215.26	1/2	2,603.38	1/2	2,991.40	1/2	3,379.43	1/2	3,767.45
3/4	283.42	3/4	671.43	3/4	1,058.95	3/4	1,447.08	3/4	1,835.21	3/4	2,223.35	3/4	2,611.47	3/4	2,999.49	3/4	3,387.51	3/4	3,775.53
9	291.50	9	679.49	9	1,067.03	9	1,455.17	9	1,843.30	9	2,231.43	9	2,619.55	9	3,007.57	9	3,395.59	9	3,783.62
1/4	299.59	1/4	687.55	1/4	1,075.12	1/4	1,463.25	1/4	1,851.38	1/4	2,239.52	1/4	2,627.63	1/4	3,015.66	1/4	3,403.68	1/4	3,791.70
1/2	307.67	1/2	695.62	1/2	1,083.21	1/2	1,471.34	1/2	1,859.47	1/2	2,247.60	1/2	2,635.72	1/2	3,023.74	1/2	3,411.76	1/2	3,799.78
3/4	315.76	3/4	703.68	3/4	1,091.29	3/4	1,479.42	3/4	1,867.56	3/4	2,255.69	3/4	2,643.80	3/4	3,031.82	3/4	3,419.85	3/4	3,807.87
10	323.85	10	711.74	10	1,099.38	10	1,487.51	10	1,875.64	10	2,263.78	10	2,651.89	10	3,039.91	10	3,427.93	10	3,815.95
1/4	331.93	1/4	719.81	1/4	1,107.46	1/4	1,495.60	1/4	1,883.73	1/4	2,271.86	1/4	2,659.97	1/4	3,047.99	1/4	3,436.01	1/4	3,824.04
1/2	340.02	1/2	727.87	1/2	1,115.55	1/2	1,503.68	1/2	1,891.82	1/2	2,279.95	1/2	2,668.05	1/2	3,056.08	1/2	3,444.10	1/2	3,832.12
3/4	348.10	3/4	735.93	3/4	1,123.64	3/4	1,511.77	3/4	1,899.90	3/4	2,288.03	3/4	2,676.14	3/4	3,064.16	3/4	3,452.18	3/4	3,840.20
11	356.19	11	744.00	11	1,131.72	11	1,519.85	11	1,907.99	11	2,296.12	11	2,684.22	11	3,072.24	11	3,460.27	11	3,848.29
1/4	364.28	1/4	752.06	1/4	1,139.81	1/4	1,527.94	1/4	1,916.07	1/4	2,304.21	1/4	2,692.30	1/4	3,080.33	1/4	3,468.35	1/4	3,856.37
1/2	372.36	1/2	760.12	1/2	1,147.89	1/2	1,536.03	1/2	1,924.16	1/2	2,312.29	1/2	2,700.39	1/2	3,088.41	1/2	3,476.43	1/2	3,864.46
3/4	380.45	3/4	768.19	3/4	1,155.98	3/4	1,544.11	3/4	1,932.25	3/4	2,320.38	3/4	2,708.47	3/4	3,096.49	3/4	3,484.52	3/4	3,872.54

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 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

INNAGE 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	3,880.62	0	4,268.65	0	4,655.48	0	5,027.82	0	5,380.40	0		0		0		0		0	
1/4	3,888.71	1/4	4,276.73	1/4	4,663.42	1/4	5,035.35	1/4	5,387.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,896.79	1/2	4,284.81	1/2	4,671.35	1/2	5,042.88	1/2	5,394.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,904.87	3/4	4,292.90	3/4	4,679.29	3/4	5,050.40	3/4	5,401.59	3/4		3/4		3/4		3/4		3/4	
1	3,912.96	1	4,300.98	1	4,687.22	1	5,057.93	1	5,408.65	1		1		1		1		1	
1/4	3,921.04	1/4	4,309.06	1/4	4,695.12	1/4	5,065.42	1/4	5,416.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,929.13	1/2	4,317.15	1/2	4,703.03	1/2	5,072.92	1/2	5,423.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,937.21	3/4	4,325.23	3/4	4,710.93	3/4	5,080.41	3/4	5,431.14	3/4		3/4		3/4		3/4		3/4	
2	3,945.29	2	4,333.32	2	4,718.84	2	5,087.91	2	5,438.64	2		2		2		2		2	
1/4	3,953.38	1/4	4,341.40	1/4	4,726.71	1/4	5,095.37	1/4	5,446.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,961.46	1/2	4,349.48	1/2	4,734.58	1/2	5,102.84	1/2	5,454.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,969.54	3/4	4,357.57	3/4	4,742.45	3/4	5,110.30	3/4	5,462.49	3/4		3/4		3/4		3/4		3/4	
3	3,977.63	3	4,365.65	3	4,750.33	3	5,117.77	3	5,470.43	3		3		3		3		3	
1/4	3,985.71	1/4	4,373.73	1/4	4,758.17	1/4	5,125.20	1/4	5,478.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,993.80	1/2	4,381.82	1/2	4,766.01	1/2	5,132.64	1/2	5,486.33	1/2		1/2		1/2		1/2		1/2	
3/4	4,001.88	3/4	4,389.90	3/4	4,773.85	3/4	5,140.07	3/4	5,494.28	3/4		3/4		3/4		3/4		3/4	
4	4,009.96	4	4,397.99	4	4,781.69	4	5,147.50	4	5,502.23	4		4		4		4		4	
1/4	4,018.05	1/4	4,406.07	1/4	4,789.51	1/4	5,154.91	1/4	5,509.78	1/4		1/4		1/4		1/4		1/4	
1/2	4,026.13	1/2	4,414.15	1/2	4,797.32	1/2	5,162.31	1/2	5,517.32	1/2		1/2		1/2		1/2		1/2	
3/4	4,034.22	3/4	4,422.24	3/4	4,805.13	3/4	5,169.71	3/4	5,524.87	3/4		3/4		3/4		3/4		3/4	
5	4,042.30	5	4,430.32	5	4,812.94	5	5,177.12	5	5,532.41	5		5		5		5		5	
1/4	4,050.38	1/4	4,438.41	1/4	4,820.72	1/4	5,184.49	1/4	5,538.75	1/4		1/4		1/4		1/4		1/4	
1/2	4,058.47	1/2	4,446.49	1/2	4,828.50	1/2	5,191.86	1/2	5,545.08	1/2		1/2		1/2		1/2		1/2	
3/4	4,066.55	3/4	4,454.57	3/4	4,836.28	3/4	5,199.23	3/4	5,551.42	3/4		3/4		3/4		3/4		3/4	
6	4,074.63	6	4,462.66	6	4,844.06	6	5,206.61	6	5,557.75	6		6		6		6		6	
1/4	4,082.72	1/4	4,470.74	1/4	4,851.81	1/4	5,213.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,090.80	1/2	4,478.82	1/2	4,859.56	1/2	5,221.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,098.89	3/4	4,486.91	3/4	4,867.31	3/4	5,228.63	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,106.97	7	4,494.99	7	4,875.06	7	5,235.97	7		7		7		7		7		7	
1/4	4,115.05	1/4	4,503.07	1/4	4,882.78	1/4	5,243.28	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,123.14	1/2	4,511.15	1/2	4,890.50	1/2	5,250.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,131.22	3/4	4,519.23	3/4	4,898.22	3/4	5,257.91	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,139.30	8	4,527.31	8	4,905.94	8	5,265.22	8		8		8		8		8		8	
1/4	4,147.39	1/4	4,535.37	1/4	4,913.63	1/4	5,272.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,155.47	1/2	4,543.42	1/2	4,921.32	1/2	5,279.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,163.56	3/4	4,551.48	3/4	4,929.01	3/4	5,287.06	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,171.64	9	4,559.54	9	4,936.70	9	5,294.34	9		9		9		9		9		9	
1/4	4,179.72	1/4	4,567.56	1/4	4,944.33	1/4	5,301.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,187.81	1/2	4,575.59	1/2	4,951.97	1/2	5,308.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,195.89	3/4	4,583.62	3/4	4,959.61	3/4	5,316.09	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,203.97	10	4,591.64	10	4,967.25	10	5,323.34	10		10		10		10		10		10	
1/4	4,212.06	1/4	4,599.64	1/4	4,974.83	1/4	5,330.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,220.14	1/2	4,607.63	1/2	4,982.42	1/2	5,337.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,228.23	3/4	4,615.63	3/4	4,990.01	3/4	5,344.85	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,236.31	11	4,623.62	11	4,997.60	11	5,352.02	11		11		11		11		11		11	
1/4	4,244.39	1/4	4,631.59	1/4	5,005.15	1/4	5,359.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,252.48	1/2	4,639.55	1/2	5,012.71	1/2	5,366.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,260.56	3/4	4,647.52	3/4	5,020.27	3/4	5,373.30	3/4		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

INNAGE 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	13.87	0	388.18	0	769.95	0	1,148.06	0	1,535.84	0	1,923.63	0	2,311.42	0	2,699.16	0	3,086.84	0	3,474.53
1/4	19.26	1/4	396.26	1/4	777.69	1/4	1,156.14	1/4	1,543.92	1/4	1,931.71	1/4	2,319.50	1/4	2,707.24	1/4	3,094.92	1/4	3,482.60
1/2	24.65	1/2	404.34	1/2	785.43	1/2	1,164.22	1/2	1,552.00	1/2	1,939.79	1/2	2,327.58	1/2	2,715.32	1/2	3,103.00	1/2	3,490.68
3/4	30.03	3/4	412.42	3/4	793.18	3/4	1,172.29	3/4	1,560.08	3/4	1,947.87	3/4	2,335.66	3/4	2,723.39	3/4	3,111.07	3/4	3,498.76
1	35.42	1	420.50	1	800.92	1	1,180.37	1	1,568.16	1	1,955.95	1	2,343.73	1	2,731.47	1	3,119.15	1	3,506.83
1/4	42.82	1/4	428.58	1/4	808.67	1/4	1,188.45	1/4	1,576.24	1/4	1,964.03	1/4	2,351.81	1/4	2,739.55	1/4	3,127.23	1/4	3,514.91
1/2	50.23	1/2	436.65	1/2	816.41	1/2	1,196.53	1/2	1,584.32	1/2	1,972.11	1/2	2,359.89	1/2	2,747.62	1/2	3,135.30	1/2	3,522.99
3/4	57.63	3/4	444.73	3/4	824.16	3/4	1,204.61	3/4	1,592.40	3/4	1,980.18	3/4	2,367.97	3/4	2,755.70	3/4	3,143.38	3/4	3,531.06
2	65.04	2	452.81	2	831.90	2	1,212.69	2	1,600.48	2	1,988.26	2	2,376.05	2	2,763.78	2	3,151.46	2	3,539.14
1/4	73.12	1/4	460.89	1/4	839.64	1/4	1,220.77	1/4	1,608.55	1/4	1,996.34	1/4	2,384.13	1/4	2,771.85	1/4	3,159.53	1/4	3,547.22
1/2	81.20	1/2	468.97	1/2	847.39	1/2	1,228.85	1/2	1,616.63	1/2	2,004.42	1/2	2,392.21	1/2	2,779.93	1/2	3,167.61	1/2	3,555.29
3/4	89.28	3/4	477.05	3/4	855.13	3/4	1,236.93	3/4	1,624.71	3/4	2,012.50	3/4	2,400.29	3/4	2,788.01	3/4	3,175.69	3/4	3,563.37
3	97.35	3	485.13	3	862.88	3	1,245.00	3	1,632.79	3	2,020.58	3	2,408.37	3	2,796.08	3	3,183.76	3	3,571.45
1/4	105.43	1/4	493.21	1/4	870.63	1/4	1,253.08	1/4	1,640.87	1/4	2,028.66	1/4	2,416.44	1/4	2,804.16	1/4	3,191.84	1/4	3,579.52
1/2	113.51	1/2	501.28	1/2	878.39	1/2	1,261.16	1/2	1,648.95	1/2	2,036.74	1/2	2,424.52	1/2	2,812.24	1/2	3,199.92	1/2	3,587.60
3/4	121.59	3/4	509.36	3/4	886.14	3/4	1,269.24	3/4	1,657.03	3/4	2,044.82	3/4	2,432.60	3/4	2,820.31	3/4	3,207.99	3/4	3,595.68
4	129.67	4	517.44	4	893.90	4	1,277.32	4	1,665.11	4	2,052.89	4	2,440.68	4	2,828.39	4	3,216.07	4	3,603.75
1/4	137.75	1/4	525.52	1/4	901.67	1/4	1,285.40	1/4	1,673.19	1/4	2,060.97	1/4	2,448.76	1/4	2,836.47	1/4	3,224.15	1/4	3,611.83
1/2	145.83	1/2	533.60	1/2	909.43	1/2	1,293.48	1/2	1,681.27	1/2	2,069.05	1/2	2,456.84	1/2	2,844.54	1/2	3,232.22	1/2	3,619.91
3/4	153.90	3/4	541.68	3/4	917.20	3/4	1,301.56	3/4	1,689.34	3/4	2,077.13	3/4	2,464.92	3/4	2,852.62	3/4	3,240.30	3/4	3,627.98
5	161.98	5	549.76	5	924.97	5	1,309.64	5	1,697.42	5	2,085.21	5	2,473.00	5	2,860.70	5	3,248.38	5	3,636.06
1/4	170.06	1/4	557.83	1/4	932.73	1/4	1,317.71	1/4	1,705.50	1/4	2,093.29	1/4	2,481.08	1/4	2,868.77	1/4	3,256.45	1/4	3,644.14
1/2	178.14	1/2	565.91	1/2	940.50	1/2	1,325.79	1/2	1,713.58	1/2	2,101.37	1/2	2,489.15	1/2	2,876.85	1/2	3,264.53	1/2	3,652.21
3/4	186.22	3/4	573.99	3/4	948.27	3/4	1,333.87	3/4	1,721.66	3/4	2,109.45	3/4	2,497.23	3/4	2,884.93	3/4	3,272.61	3/4	3,660.29
6	194.30	6	582.07	6	956.04	6	1,341.95	6	1,729.74	6	2,117.53	6	2,505.31	6	2,893.00	6	3,280.68	6	3,668.37
1/4	202.38	1/4	590.15	1/4	963.80	1/4	1,350.03	1/4	1,737.82	1/4	2,125.60	1/4	2,513.39	1/4	2,901.08	1/4	3,288.76	1/4	3,676.44
1/2	210.45	1/2	598.23	1/2	971.57	1/2	1,358.11	1/2	1,745.90	1/2	2,133.68	1/2	2,521.47	1/2	2,909.16	1/2	3,296.84	1/2	3,684.52
3/4	218.53	3/4	606.31	3/4	979.34	3/4	1,366.19	3/4	1,753.98	3/4	2,141.76	3/4	2,529.55	3/4	2,917.23	3/4	3,304.91	3/4	3,692.60
7	226.61	7	614.38	7	987.10	7	1,374.27	7	1,762.05	7	2,149.84	7	2,537.63	7	2,925.31	7	3,312.99	7	3,700.67
1/4	234.69	1/4	622.30	1/4	995.03	1/4	1,382.35	1/4	1,770.13	1/4	2,157.92	1/4	2,545.71	1/4	2,933.39	1/4	3,321.07	1/4	3,708.75
1/2	242.77	1/2	630.21	1/2	1,002.95	1/2	1,390.42	1/2	1,778.21	1/2	2,166.00	1/2	2,553.78	1/2	2,941.46	1/2	3,329.15	1/2	3,716.83
3/4	250.85	3/4	638.12	3/4	1,010.87	3/4	1,398.50	3/4	1,786.29	3/4	2,174.08	3/4	2,561.86	3/4	2,949.54	3/4	3,337.22	3/4	3,724.90
8	258.93	8	646.04	8	1,018.80	8	1,406.58	8	1,794.37	8	2,182.16	8	2,569.94	8	2,957.62	8	3,345.30	8	3,732.98
1/4	267.00	1/4	653.78	1/4	1,026.87	1/4	1,414.66	1/4	1,802.45	1/4	2,190.24	1/4	2,578.01	1/4	2,965.69	1/4	3,353.38	1/4	3,741.06
1/2	275.08	1/2	661.53	1/2	1,034.95	1/2	1,422.74	1/2	1,810.53	1/2	2,198.31	1/2	2,586.09	1/2	2,973.77	1/2	3,361.45	1/2	3,749.13
3/4	283.16	3/4	669.27	3/4	1,043.03	3/4	1,430.82	3/4	1,818.61	3/4	2,206.39	3/4	2,594.17	3/4	2,981.85	3/4	3,369.53	3/4	3,757.21
9	291.24	9	677.01	9	1,051.11	9	1,438.90	9	1,826.69	9	2,214.47	9	2,602.24	9	2,989.92	9	3,377.61	9	3,765.29
1/4	299.32	1/4	684.76	1/4	1,059.19	1/4	1,446.98	1/4	1,834.76	1/4	2,222.55	1/4	2,610.32	1/4	2,998.00	1/4	3,385.68	1/4	3,773.36
1/2	307.40	1/2	692.50	1/2	1,067.27	1/2	1,455.06	1/2	1,842.84	1/2	2,230.63	1/2	2,618.40	1/2	3,006.08	1/2	3,393.76	1/2	3,781.44
3/4	315.48	3/4	700.25	3/4	1,075.35	3/4	1,463.13	3/4	1,850.92	3/4	2,238.71	3/4	2,626.47	3/4	3,014.15	3/4	3,401.84	3/4	3,789.52
10	323.55	10	707.99	10	1,083.43	10	1,471.21	10	1,859.00	10	2,246.79	10	2,634.55	10	3,022.23	10	3,409.91	10	3,797.59
1/4	331.63	1/4	715.74	1/4	1,091.51	1/4	1,479.29	1/4	1,867.08	1/4	2,254.87	1/4	2,642.63	1/4	3,030.31	1/4	3,417.99	1/4	3,805.67
1/2	339.71	1/2	723.48	1/2	1,099.58	1/2	1,487.37	1/2	1,875.16	1/2	2,262.95	1/2	2,650.70	1/2	3,038.38	1/2	3,426.07	1/2	3,813.75
3/4	347.79	3/4	731.22	3/4	1,107.66	3/4	1,495.45	3/4	1,883.24	3/4	2,271.02	3/4	2,658.78	3/4	3,046.46	3/4	3,434.14	3/4	3,821.82
11	355.87	11	738.97	11	1,115.74	11	1,503.53	11	1,891.32	11	2,279.10	11	2,666.86	11	3,054.54	11	3,442.22	11	3,829.90
1/4	363.95	1/4	746.71	1/4	1,123.82	1/4	1,511.61	1/4	1,899.40	1/4	2,287.18	1/4	2,674.93	1/4	3,062.61	1/4	3,450.30	1/4	3,837.98
1/2	372.03	1/2	754.46	1/2	1,131.90	1/2	1,519.69	1/2	1,907.47	1/2	2,295.26	1/2	2,683.01	1/2	3,070.69	1/2	3,458.37	1/2	3,846.05
3/4	380.10	3/4	762.20	3/4	1,139.98	3/4	1,527.77	3/4	1,915.55	3/4	2,303.34	3/4	2,691.09	3/4	3,078.77	3/4	3,466.45	3/4	3,854.13

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 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 STBD

INNAGE 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	3,862.21	0	4,249.89	0	4,636.38	0	5,008.41	0	5,360.73	0		0		0		0		0	
1/4	3,870.28	1/4	4,257.97	1/4	4,644.31	1/4	5,015.93	1/4	5,367.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,878.36	1/2	4,266.04	1/2	4,652.24	1/2	5,023.45	1/2	5,374.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,886.44	3/4	4,274.12	3/4	4,660.16	3/4	5,030.97	3/4	5,381.90	3/4		3/4		3/4		3/4		3/4	
1	3,894.51	1	4,282.20	1	4,668.09	1	5,038.50	1	5,388.96	1		1		1		1		1	
1/4	3,902.59	1/4	4,290.27	1/4	4,675.99	1/4	5,045.98	1/4	5,396.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,910.67	1/2	4,298.35	1/2	4,683.88	1/2	5,053.47	1/2	5,403.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,918.74	3/4	4,306.43	3/4	4,691.78	3/4	5,060.96	3/4	5,411.44	3/4		3/4		3/4		3/4		3/4	
2	3,926.82	2	4,314.50	2	4,699.68	2	5,068.45	2	5,418.93	2		2		2		2		2	
1/4	3,934.90	1/4	4,322.58	1/4	4,707.54	1/4	5,075.91	1/4	5,426.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,942.97	1/2	4,330.66	1/2	4,715.41	1/2	5,083.37	1/2	5,434.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,951.05	3/4	4,338.73	3/4	4,723.28	3/4	5,090.83	3/4	5,442.76	3/4		3/4		3/4		3/4		3/4	
3	3,959.13	3	4,346.81	3	4,731.14	3	5,098.29	3	5,450.70	3		3		3		3		3	
1/4	3,967.20	1/4	4,354.89	1/4	4,738.98	1/4	5,105.72	1/4	5,458.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,975.28	1/2	4,362.96	1/2	4,746.81	1/2	5,113.15	1/2	5,466.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,983.36	3/4	4,371.04	3/4	4,754.65	3/4	5,120.57	3/4	5,474.53	3/4		3/4		3/4		3/4		3/4	
4	3,991.43	4	4,379.12	4	4,762.48	4	5,128.00	4	5,482.47	4		4		4		4		4	
1/4	3,999.51	1/4	4,387.19	1/4	4,770.29	1/4	5,135.40	1/4	5,490.01	1/4		1/4		1/4		1/4		1/4	
1/2	4,007.59	1/2	4,395.27	1/2	4,778.09	1/2	5,142.80	1/2	5,497.55	1/2		1/2		1/2		1/2		1/2	
3/4	4,015.66	3/4	4,403.35	3/4	4,785.90	3/4	5,150.20	3/4	5,505.09	3/4		3/4		3/4		3/4		3/4	
5	4,023.74	5	4,411.42	5	4,793.70	5	5,157.59	5	5,512.63	5		5		5		5		5	
1/4	4,031.82	1/4	4,419.50	1/4	4,801.48	1/4	5,164.96	1/4	5,518.95	1/4		1/4		1/4		1/4		1/4	
1/2	4,039.89	1/2	4,427.58	1/2	4,809.25	1/2	5,172.33	1/2	5,525.28	1/2		1/2		1/2		1/2		1/2	
3/4	4,047.97	3/4	4,435.65	3/4	4,817.03	3/4	5,179.69	3/4	5,531.61	3/4		3/4		3/4		3/4		3/4	
6	4,056.05	6	4,443.73	6	4,824.80	6	5,187.06	6	5,537.94	6		6		6		6		6	
1/4	4,064.12	1/4	4,451.81	1/4	4,832.54	1/4	5,194.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,072.20	1/2	4,459.88	1/2	4,840.29	1/2	5,201.73	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,080.28	3/4	4,467.96	3/4	4,848.03	3/4	5,209.07	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,088.35	7	4,476.04	7	4,855.78	7	5,216.41	7		7		7		7		7		7	
1/4	4,096.43	1/4	4,484.11	1/4	4,863.49	1/4	5,223.71	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,104.51	1/2	4,492.18	1/2	4,871.20	1/2	5,231.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,112.58	3/4	4,500.25	3/4	4,878.91	3/4	5,238.32	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,120.66	8	4,508.32	8	4,886.63	8	5,245.63	8		8		8		8		8		8	
1/4	4,128.74	1/4	4,516.37	1/4	4,894.31	1/4	5,252.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,136.82	1/2	4,524.42	1/2	4,901.99	1/2	5,260.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,144.89	3/4	4,532.47	3/4	4,909.68	3/4	5,267.46	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,152.97	9	4,540.52	9	4,917.36	9	5,274.73	9		9		9		9		9		9	
1/4	4,161.05	1/4	4,548.54	1/4	4,924.99	1/4	5,281.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,169.12	1/2	4,556.56	1/2	4,932.62	1/2	5,289.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,177.20	3/4	4,564.58	3/4	4,940.25	3/4	5,296.47	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,185.28	10	4,572.59	10	4,947.89	10	5,303.71	10		10		10		10		10		10	
1/4	4,193.35	1/4	4,580.58	1/4	4,955.47	1/4	5,310.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,201.43	1/2	4,588.57	1/2	4,963.05	1/2	5,318.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,209.51	3/4	4,596.56	3/4	4,970.63	3/4	5,325.21	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,217.58	11	4,604.55	11	4,978.21	11	5,332.38	11		11		11		11		11		11	
1/4	4,225.66	1/4	4,612.51	1/4	4,985.76	1/4	5,339.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,233.74	1/2	4,620.47	1/2	4,993.31	1/2	5,346.55	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,241.81	3/4	4,628.42	3/4	5,000.86	3/4	5,353.64	3/4		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 PORT INNAGE 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	12.94	0	361.37	0	721.93	0	1,081.97	0	1,442.51	0	1,803.07	0	2,163.62	0	2,523.90	0	2,884.11	0	3,244.31
1/4	17.96	1/4	368.89	1/4	729.43	1/4	1,089.47	1/4	1,450.02	1/4	1,810.58	1/4	2,171.13	1/4	2,531.41	1/4	2,891.61	1/4	3,251.82
1/2	22.97	1/2	376.41	1/2	736.93	1/2	1,096.96	1/2	1,457.53	1/2	1,818.09	1/2	2,178.65	1/2	2,538.91	1/2	2,899.12	1/2	3,259.32
3/4	27.98	3/4	383.93	3/4	744.43	3/4	1,104.45	3/4	1,465.04	3/4	1,825.60	3/4	2,186.16	3/4	2,546.41	3/4	2,906.62	3/4	3,266.83
1	33.00	1	391.45	1	751.93	1	1,111.94	1	1,472.56	1	1,833.11	1	2,193.67	1	2,553.92	1	2,914.12	1	3,274.33
1/4	39.89	1/4	398.98	1/4	759.42	1/4	1,119.43	1/4	1,480.07	1/4	1,840.62	1/4	2,201.18	1/4	2,561.42	1/4	2,921.63	1/4	3,281.84
1/2	46.78	1/2	406.50	1/2	766.92	1/2	1,126.93	1/2	1,487.58	1/2	1,848.14	1/2	2,208.69	1/2	2,568.93	1/2	2,929.13	1/2	3,289.34
3/4	53.68	3/4	414.02	3/4	774.42	3/4	1,134.42	3/4	1,495.09	3/4	1,855.65	3/4	2,216.20	3/4	2,576.43	3/4	2,936.64	3/4	3,296.84
2	60.57	2	421.54	2	781.92	2	1,141.91	2	1,502.60	2	1,863.16	2	2,223.72	2	2,583.94	2	2,944.14	2	3,304.35
1/4	68.09	1/4	429.06	1/4	789.41	1/4	1,149.42	1/4	1,510.11	1/4	1,870.67	1/4	2,231.22	1/4	2,591.44	1/4	2,951.65	1/4	3,311.85
1/2	75.61	1/2	436.58	1/2	796.91	1/2	1,156.92	1/2	1,517.63	1/2	1,878.18	1/2	2,238.73	1/2	2,598.94	1/2	2,959.15	1/2	3,319.36
3/4	83.13	3/4	444.10	3/4	804.41	3/4	1,164.43	3/4	1,525.14	3/4	1,885.69	3/4	2,246.24	3/4	2,606.45	3/4	2,966.65	3/4	3,326.86
3	90.65	3	451.62	3	811.91	3	1,171.93	3	1,532.65	3	1,893.21	3	2,253.75	3	2,613.95	3	2,974.16	3	3,334.37
1/4	98.17	1/4	459.14	1/4	819.42	1/4	1,179.45	1/4	1,540.16	1/4	1,900.72	1/4	2,261.25	1/4	2,621.46	1/4	2,981.66	1/4	3,341.87
1/2	105.69	1/2	466.66	1/2	826.93	1/2	1,186.97	1/2	1,547.67	1/2	1,908.23	1/2	2,268.75	1/2	2,628.96	1/2	2,989.17	1/2	3,349.37
3/4	113.21	3/4	474.18	3/4	834.43	3/4	1,194.49	3/4	1,555.18	3/4	1,915.74	3/4	2,276.26	3/4	2,636.47	3/4	2,996.67	3/4	3,356.88
4	120.73	4	481.70	4	841.94	4	1,202.01	4	1,562.70	4	1,923.25	4	2,283.76	4	2,643.97	4	3,004.18	4	3,364.38
1/4	128.25	1/4	489.22	1/4	849.46	1/4	1,209.53	1/4	1,570.21	1/4	1,930.76	1/4	2,291.27	1/4	2,651.47	1/4	3,011.68	1/4	3,371.90
1/2	135.77	1/2	496.74	1/2	856.99	1/2	1,217.05	1/2	1,577.72	1/2	1,938.28	1/2	2,298.77	1/2	2,658.98	1/2	3,019.18	1/2	3,379.41
3/4	143.29	3/4	504.26	3/4	864.51	3/4	1,224.56	3/4	1,585.23	3/4	1,945.79	3/4	2,306.28	3/4	2,666.48	3/4	3,026.69	3/4	3,386.92
5	150.81	5	511.78	5	872.03	5	1,232.08	5	1,592.74	5	1,953.30	5	2,313.78	5	2,673.99	5	3,034.19	5	3,394.44
1/4	158.33	1/4	519.30	1/4	879.55	1/4	1,239.60	1/4	1,600.25	1/4	1,960.81	1/4	2,321.28	1/4	2,681.49	1/4	3,041.70	1/4	3,401.96
1/2	165.85	1/2	526.82	1/2	887.07	1/2	1,247.12	1/2	1,607.76	1/2	1,968.32	1/2	2,328.79	1/2	2,689.00	1/2	3,049.20	1/2	3,409.48
3/4	173.37	3/4	534.34	3/4	894.59	3/4	1,254.64	3/4	1,615.28	3/4	1,975.83	3/4	2,336.29	3/4	2,696.50	3/4	3,056.71	3/4	3,417.00
6	180.89	6	541.86	6	902.11	6	1,262.16	6	1,622.79	6	1,983.34	6	2,343.80	6	2,704.00	6	3,064.21	6	3,424.52
1/4	188.41	1/4	549.38	1/4	909.61	1/4	1,269.68	1/4	1,630.30	1/4	1,990.86	1/4	2,351.30	1/4	2,711.51	1/4	3,071.71	1/4	3,432.04
1/2	195.93	1/2	556.90	1/2	917.12	1/2	1,277.20	1/2	1,637.81	1/2	1,998.37	1/2	2,358.81	1/2	2,719.01	1/2	3,079.22	1/2	3,439.56
3/4	203.45	3/4	564.42	3/4	924.63	3/4	1,284.72	3/4	1,645.32	3/4	2,005.88	3/4	2,366.31	3/4	2,726.52	3/4	3,086.72	3/4	3,447.08
7	210.97	7	571.94	7	932.13	7	1,292.23	7	1,652.83	7	2,013.39	7	2,373.81	7	2,734.02	7	3,094.23	7	3,454.60
1/4	218.49	1/4	579.45	1/4	939.62	1/4	1,299.75	1/4	1,660.35	1/4	2,020.90	1/4	2,381.32	1/4	2,741.53	1/4	3,101.73	1/4	3,462.12
1/2	226.01	1/2	586.96	1/2	947.12	1/2	1,307.27	1/2	1,667.86	1/2	2,028.41	1/2	2,388.82	1/2	2,749.03	1/2	3,109.24	1/2	3,469.64
3/4	233.53	3/4	594.46	3/4	954.61	3/4	1,314.79	3/4	1,675.37	3/4	2,035.93	3/4	2,396.33	3/4	2,756.53	3/4	3,116.74	3/4	3,477.16
8	241.05	8	601.97	8	962.10	8	1,322.31	8	1,682.88	8	2,043.44	8	2,403.83	8	2,764.04	8	3,124.24	8	3,484.68
1/4	248.57	1/4	609.47	1/4	969.59	1/4	1,329.82	1/4	1,690.39	1/4	2,050.95	1/4	2,411.34	1/4	2,771.54	1/4	3,131.75	1/4	3,492.20
1/2	256.09	1/2	616.97	1/2	977.08	1/2	1,337.34	1/2	1,697.90	1/2	2,058.46	1/2	2,418.84	1/2	2,779.05	1/2	3,139.25	1/2	3,499.72
3/4	263.61	3/4	624.47	3/4	984.58	3/4	1,344.86	3/4	1,705.42	3/4	2,065.97	3/4	2,426.35	3/4	2,786.55	3/4	3,146.76	3/4	3,507.24
9	271.13	9	631.96	9	992.07	9	1,352.37	9	1,712.93	9	2,073.48	9	2,433.85	9	2,794.06	9	3,154.26	9	3,514.76
1/4	278.65	1/4	639.46	1/4	999.56	1/4	1,359.88	1/4	1,720.44	1/4	2,081.00	1/4	2,441.35	1/4	2,801.56	1/4	3,161.77	1/4	3,522.28
1/2	286.17	1/2	646.96	1/2	1,007.05	1/2	1,367.39	1/2	1,727.95	1/2	2,088.51	1/2	2,448.86	1/2	2,809.06	1/2	3,169.27	1/2	3,529.80
3/4	293.69	3/4	654.46	3/4	1,014.55	3/4	1,374.91	3/4	1,735.46	3/4	2,096.02	3/4	2,456.36	3/4	2,816.57	3/4	3,176.78	3/4	3,537.32
10	301.21	10	661.95	10	1,022.04	10	1,382.42	10	1,742.97	10	2,103.53	10	2,463.87	10	2,824.07	10	3,184.28	10	3,544.84
1/4	308.73	1/4	669.45	1/4	1,029.53	1/4	1,389.93	1/4	1,750.49	1/4	2,111.04	1/4	2,471.37	1/4	2,831.58	1/4	3,191.78	1/4	3,552.36
1/2	316.25	1/2	676.95	1/2	1,037.02	1/2	1,397.44	1/2	1,758.00	1/2	2,118.55	1/2	2,478.88	1/2	2,839.08	1/2	3,199.29	1/2	3,559.88
3/4	323.77	3/4	684.45	3/4	1,044.51	3/4	1,404.95	3/4	1,765.51	3/4	2,126.07	3/4	2,486.38	3/4	2,846.59	3/4	3,206.79	3/4	3,567.40
11	331.29	11	691.94	11	1,052.01	11	1,412.46	11	1,773.02	11	2,133.58	11	2,493.88	11	2,854.09	11	3,214.30	11	3,574.92
1/4	338.81	1/4	699.44	1/4	1,059.50	1/4	1,419.97	1/4	1,780.53	1/4	2,141.09	1/4	2,501.39	1/4	2,861.59	1/4	3,221.80	1/4	3,582.44
1/2	346.33	1/2	706.94	1/2	1,066.99	1/2	1,427.49	1/2	1,788.04	1/2	2,148.60	1/2	2,508.89	1/2	2,869.10	1/2	3,229.31	1/2	3,589.97
3/4	353.85	3/4	714.44	3/4	1,074.48	3/4	1,435.00	3/4	1,795.55	3/4	2,156.11	3/4	2,516.40	3/4	2,876.60	3/4	3,236.81	3/4	3,597.49

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 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 INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	3,605.01	0	3,875.46	0	4,141.16	0	4,396.52	0	4,636.88	0		0		0		0		0	
1/4	3,611.54	1/4	3,881.01	1/4	4,146.61	1/4	4,401.65	1/4	4,641.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,618.08	1/2	3,886.56	1/2	4,152.06	1/2	4,406.78	1/2	4,646.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,624.62	3/4	3,892.11	3/4	4,157.51	3/4	4,411.91	3/4	4,651.34	3/4		3/4		3/4		3/4		3/4	
1	3,631.15	1	3,897.67	1	4,162.95	1	4,417.04	1	4,656.15	1		1		1		1		1	
1/4	3,636.70	1/4	3,903.22	1/4	4,168.38	1/4	4,422.15	1/4	4,661.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,642.26	1/2	3,908.77	1/2	4,173.81	1/2	4,427.26	1/2	4,666.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,647.81	3/4	3,914.32	3/4	4,179.24	3/4	4,432.37	3/4	4,671.50	3/4		3/4		3/4		3/4		3/4	
2	3,653.36	2	3,919.88	2	4,184.67	2	4,437.48	2	4,676.62	2		2		2		2		2	
1/4	3,658.91	1/4	3,925.43	1/4	4,190.08	1/4	4,442.57	1/4	4,682.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,664.47	1/2	3,930.98	1/2	4,195.48	1/2	4,447.66	1/2	4,687.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,670.02	3/4	3,936.53	3/4	4,200.89	3/4	4,452.75	3/4	4,692.90	3/4		3/4		3/4		3/4		3/4	
3	3,675.57	3	3,942.09	3	4,206.30	3	4,457.84	3	4,698.32	3		3		3		3		3	
1/4	3,681.12	1/4	3,947.64	1/4	4,211.69	1/4	4,462.91	1/4	4,703.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,686.68	1/2	3,953.19	1/2	4,217.07	1/2	4,467.97	1/2	4,709.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,692.23	3/4	3,958.74	3/4	4,222.46	3/4	4,473.04	3/4	4,714.60	3/4		3/4		3/4		3/4		3/4	
4	3,697.78	4	3,964.30	4	4,227.84	4	4,478.11	4	4,720.03	4		4		4		4		4	
1/4	3,703.33	1/4	3,969.85	1/4	4,233.21	1/4	4,483.16	1/4	4,725.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,708.89	1/2	3,975.40	1/2	4,238.57	1/2	4,488.20	1/2	4,730.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,714.44	3/4	3,980.95	3/4	4,243.94	3/4	4,493.25	3/4	4,735.18	3/4		3/4		3/4		3/4		3/4	
5	3,719.99	5	3,986.51	5	4,249.30	5	4,498.30	5	4,740.23	5		5		5		5		5	
1/4	3,725.54	1/4	3,992.06	1/4	4,254.65	1/4	4,503.32	1/4	4,744.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,731.09	1/2	3,997.61	1/2	4,259.99	1/2	4,508.35	1/2	4,748.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,736.65	3/4	4,003.16	3/4	4,265.34	3/4	4,513.38	3/4	4,751.99	3/4		3/4		3/4		3/4		3/4	
6	3,742.20	6	4,008.71	6	4,270.68	6	4,518.40	6	4,755.92	6		6		6		6		6	
1/4	3,747.75	1/4	4,014.27	1/4	4,276.00	1/4	4,523.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,753.30	1/2	4,019.82	1/2	4,281.33	1/2	4,528.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,758.86	3/4	4,025.37	3/4	4,286.65	3/4	4,533.42	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,764.41	7	4,030.92	7	4,291.97	7	4,538.42	7		7		7		7		7		7	
1/4	3,769.96	1/4	4,036.47	1/4	4,297.28	1/4	4,543.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,775.51	1/2	4,042.02	1/2	4,302.58	1/2	4,548.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,781.07	3/4	4,047.57	3/4	4,307.88	3/4	4,553.37	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,786.62	8	4,053.12	8	4,313.18	8	4,558.35	8		8		8		8		8		8	
1/4	3,792.17	1/4	4,058.65	1/4	4,318.46	1/4	4,563.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,797.72	1/2	4,064.19	1/2	4,323.74	1/2	4,568.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,803.28	3/4	4,069.72	3/4	4,329.02	3/4	4,573.24	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,808.83	9	4,075.26	9	4,334.30	9	4,578.21	9		9		9		9		9		9	
1/4	3,814.38	1/4	4,080.77	1/4	4,339.53	1/4	4,583.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,819.93	1/2	4,086.28	1/2	4,344.76	1/2	4,588.09	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,825.49	3/4	4,091.79	3/4	4,349.99	3/4	4,593.03	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,831.04	10	4,097.31	10	4,355.21	10	4,597.97	10		10		10		10		10		10	
1/4	3,836.59	1/4	4,102.80	1/4	4,360.39	1/4	4,602.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,842.14	1/2	4,108.29	1/2	4,365.56	1/2	4,607.75	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,847.70	3/4	4,113.78	3/4	4,370.73	3/4	4,612.64	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,853.25	11	4,119.27	11	4,375.91	11	4,617.53	11		11		11		11		11		11	
1/4	3,858.80	1/4	4,124.74	1/4	4,381.06	1/4	4,622.37	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,864.35	1/2	4,130.22	1/2	4,386.21	1/2	4,627.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,869.90	3/4	4,135.69	3/4	4,391.36	3/4	4,632.05	3/4		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

INNAGE 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	13.00	0	362.58	0	718.85	0	1,071.82	0	1,433.61	0	1,795.38	0	2,153.88	0	2,514.99	0	2,876.36	0	3,237.79
1/4	18.03	1/4	370.12	1/4	726.07	1/4	1,079.36	1/4	1,441.14	1/4	1,802.92	1/4	2,161.34	1/4	2,522.51	1/4	2,883.89	1/4	3,245.32
1/2	23.07	1/2	377.66	1/2	733.30	1/2	1,086.90	1/2	1,448.68	1/2	1,810.46	1/2	2,168.80	1/2	2,530.04	1/2	2,891.42	1/2	3,252.85
3/4	28.10	3/4	385.20	3/4	740.52	3/4	1,094.43	3/4	1,456.22	3/4	1,817.99	3/4	2,176.26	3/4	2,537.57	3/4	2,898.95	3/4	3,260.38
1	33.14	1	392.74	1	747.75	1	1,101.97	1	1,463.75	1	1,825.53	1	2,183.72	1	2,545.10	1	2,906.48	1	3,267.91
1/4	40.06	1/4	400.28	1/4	754.97	1/4	1,109.51	1/4	1,471.29	1/4	1,833.03	1/4	2,191.22	1/4	2,552.62	1/4	2,914.01	1/4	3,275.44
1/2	46.98	1/2	407.82	1/2	762.20	1/2	1,117.05	1/2	1,478.83	1/2	1,840.53	1/2	2,198.72	1/2	2,560.15	1/2	2,921.54	1/2	3,282.97
3/4	53.90	3/4	415.36	3/4	769.42	3/4	1,124.58	3/4	1,486.36	3/4	1,848.02	3/4	2,206.22	3/4	2,567.68	3/4	2,929.07	3/4	3,290.50
2	60.83	2	422.90	2	776.65	2	1,132.12	2	1,493.90	2	1,855.52	2	2,213.72	2	2,575.21	2	2,936.60	2	3,298.03
1/4	68.38	1/4	430.44	1/4	783.88	1/4	1,139.66	1/4	1,501.44	1/4	1,862.98	1/4	2,221.26	1/4	2,582.73	1/4	2,944.13	1/4	3,305.56
1/2	75.93	1/2	437.98	1/2	791.10	1/2	1,147.19	1/2	1,508.98	1/2	1,870.44	1/2	2,228.79	1/2	2,590.26	1/2	2,951.66	1/2	3,313.09
3/4	83.48	3/4	445.52	3/4	798.33	3/4	1,154.73	3/4	1,516.51	3/4	1,877.90	3/4	2,236.33	3/4	2,597.79	3/4	2,959.19	3/4	3,320.61
3	91.04	3	453.06	3	805.55	3	1,162.27	3	1,524.05	3	1,885.36	3	2,243.87	3	2,605.32	3	2,966.72	3	3,328.14
1/4	98.59	1/4	460.60	1/4	812.80	1/4	1,169.81	1/4	1,531.59	1/4	1,892.82	1/4	2,251.40	1/4	2,612.84	1/4	2,974.25	1/4	3,335.67
1/2	106.14	1/2	468.14	1/2	820.04	1/2	1,177.34	1/2	1,539.12	1/2	1,900.28	1/2	2,258.93	1/2	2,620.37	1/2	2,981.78	1/2	3,343.20
3/4	113.69	3/4	475.68	3/4	827.28	3/4	1,184.88	3/4	1,546.66	3/4	1,907.74	3/4	2,266.47	3/4	2,627.90	3/4	2,989.31	3/4	3,350.73
4	121.24	4	483.22	4	834.52	4	1,192.42	4	1,554.20	4	1,915.20	4	2,274.00	4	2,635.43	4	2,996.84	4	3,358.26
1/4	128.79	1/4	490.76	1/4	841.78	1/4	1,199.95	1/4	1,561.73	1/4	1,922.65	1/4	2,281.53	1/4	2,642.95	1/4	3,004.37	1/4	3,365.80
1/2	136.34	1/2	498.30	1/2	849.04	1/2	1,207.49	1/2	1,569.27	1/2	1,930.11	1/2	2,289.07	1/2	2,650.48	1/2	3,011.90	1/2	3,373.33
3/4	143.89	3/4	505.84	3/4	856.30	3/4	1,215.03	3/4	1,576.81	3/4	1,937.57	3/4	2,296.60	3/4	2,658.01	3/4	3,019.43	3/4	3,380.87
5	151.44	5	513.38	5	863.56	5	1,222.57	5	1,584.35	5	1,945.03	5	2,304.13	5	2,665.54	5	3,026.96	5	3,388.40
1/4	158.98	1/4	520.92	1/4	870.82	1/4	1,230.10	1/4	1,591.88	1/4	1,952.49	1/4	2,311.66	1/4	2,673.07	1/4	3,034.49	1/4	3,395.94
1/2	166.53	1/2	528.46	1/2	878.08	1/2	1,237.64	1/2	1,599.42	1/2	1,959.95	1/2	2,319.20	1/2	2,680.59	1/2	3,042.02	1/2	3,403.48
3/4	174.07	3/4	536.00	3/4	885.34	3/4	1,245.18	3/4	1,606.96	3/4	1,967.41	3/4	2,326.73	3/4	2,688.12	3/4	3,049.55	3/4	3,411.02
6	181.61	6	543.54	6	892.60	6	1,252.72	6	1,614.49	6	1,974.87	6	2,334.26	6	2,695.65	6	3,057.08	6	3,418.56
1/4	189.15	1/4	551.08	1/4	899.86	1/4	1,260.25	1/4	1,622.03	1/4	1,982.33	1/4	2,341.80	1/4	2,703.18	1/4	3,064.61	1/4	3,426.09
1/2	196.69	1/2	558.62	1/2	907.12	1/2	1,267.79	1/2	1,629.57	1/2	1,989.79	1/2	2,349.33	1/2	2,710.71	1/2	3,072.13	1/2	3,433.63
3/4	204.23	3/4	566.16	3/4	914.38	3/4	1,275.33	3/4	1,637.10	3/4	1,997.24	3/4	2,356.86	3/4	2,718.24	3/4	3,079.66	3/4	3,441.17
7	211.77	7	573.70	7	921.64	7	1,282.86	7	1,644.64	7	2,004.70	7	2,364.40	7	2,725.77	7	3,087.19	7	3,448.71
1/4	219.31	1/4	581.09	1/4	929.03	1/4	1,290.40	1/4	1,652.18	1/4	2,012.16	1/4	2,371.93	1/4	2,733.30	1/4	3,094.72	1/4	3,456.26
1/2	226.85	1/2	588.47	1/2	936.43	1/2	1,297.94	1/2	1,659.72	1/2	2,019.62	1/2	2,379.46	1/2	2,740.83	1/2	3,102.25	1/2	3,463.80
3/4	234.39	3/4	595.85	3/4	943.83	3/4	1,305.48	3/4	1,667.25	3/4	2,027.08	3/4	2,386.99	3/4	2,748.36	3/4	3,109.78	3/4	3,471.34
8	241.93	8	603.24	8	951.23	8	1,313.01	8	1,674.79	8	2,034.54	8	2,394.53	8	2,755.89	8	3,117.31	8	3,478.89
1/4	249.47	1/4	610.46	1/4	958.76	1/4	1,320.55	1/4	1,682.33	1/4	2,042.00	1/4	2,402.06	1/4	2,763.42	1/4	3,124.84	1/4	3,486.44
1/2	257.01	1/2	617.69	1/2	966.30	1/2	1,328.09	1/2	1,689.86	1/2	2,049.46	1/2	2,409.59	1/2	2,770.95	1/2	3,132.37	1/2	3,493.99
3/4	264.55	3/4	624.91	3/4	973.84	3/4	1,335.62	3/4	1,697.40	3/4	2,056.92	3/4	2,417.12	3/4	2,778.48	3/4	3,139.90	3/4	3,501.54
9	272.09	9	632.14	9	981.38	9	1,343.16	9	1,704.94	9	2,064.38	9	2,424.65	9	2,786.01	9	3,147.43	9	3,509.09
1/4	279.63	1/4	639.36	1/4	988.91	1/4	1,350.70	1/4	1,712.47	1/4	2,071.83	1/4	2,432.18	1/4	2,793.54	1/4	3,154.96	1/4	3,516.64
1/2	287.17	1/2	646.59	1/2	996.45	1/2	1,358.24	1/2	1,720.01	1/2	2,079.29	1/2	2,439.71	1/2	2,801.07	1/2	3,162.49	1/2	3,524.19
3/4	294.71	3/4	653.81	3/4	1,003.99	3/4	1,365.77	3/4	1,727.55	3/4	2,086.75	3/4	2,447.24	3/4	2,808.60	3/4	3,170.02	3/4	3,531.74
10	302.25	10	661.04	10	1,011.52	10	1,373.31	10	1,735.09	10	2,094.21	10	2,454.77	10	2,816.13	10	3,177.55	10	3,539.29
1/4	309.79	1/4	668.27	1/4	1,019.06	1/4	1,380.85	1/4	1,742.62	1/4	2,101.67	1/4	2,462.29	1/4	2,823.65	1/4	3,185.08	1/4	3,546.84
1/2	317.33	1/2	675.49	1/2	1,026.60	1/2	1,388.38	1/2	1,750.16	1/2	2,109.13	1/2	2,469.82	1/2	2,831.18	1/2	3,192.61	1/2	3,554.39
3/4	324.87	3/4	682.72	3/4	1,034.14	3/4	1,395.92	3/4	1,757.70	3/4	2,116.59	3/4	2,477.35	3/4	2,838.71	3/4	3,200.14	3/4	3,561.94
11	332.41	11	689.94	11	1,041.67	11	1,403.46	11	1,765.23	11	2,124.05	11	2,484.88	11	2,846.24	11	3,207.67	11	3,569.49
1/4	339.95	1/4	697.17	1/4	1,049.21	1/4	1,410.99	1/4	1,772.77	1/4	2,131.51	1/4	2,492.40	1/4	2,853.77	1/4	3,215.20	1/4	3,577.04
1/2	347.50	1/2	704.39	1/2	1,056.75	1/2	1,418.53	1/2	1,780.31	1/2	2,138.97	1/2	2,499.93	1/2	2,861.30	1/2	3,222.73	1/2	3,584.59
3/4	355.04	3/4	711.62	3/4	1,064.29	3/4	1,426.07	3/4	1,787.84	3/4	2,146.42	3/4	2,507.46	3/4	2,868.83	3/4	3,230.26	3/4	3,592.14

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 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

INNAGE 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	3,599.70	0	3,871.44	0	4,138.43	0	4,395.06	0	4,636.67	0		0		0		0		0	
1/4	3,606.26	1/4	3,877.02	1/4	4,143.91	1/4	4,400.22	1/4	4,641.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,612.83	1/2	3,882.60	1/2	4,149.38	1/2	4,405.37	1/2	4,646.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,619.39	3/4	3,888.18	3/4	4,154.86	3/4	4,410.53	3/4	4,651.20	3/4		3/4		3/4		3/4		3/4	
1	3,625.96	1	3,893.76	1	4,160.33	1	4,415.69	1	4,656.04	1		1		1		1		1	
1/4	3,631.53	1/4	3,899.34	1/4	4,165.79	1/4	4,420.83	1/4	4,661.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,637.11	1/2	3,904.92	1/2	4,171.24	1/2	4,425.96	1/2	4,666.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,642.69	3/4	3,910.49	3/4	4,176.70	3/4	4,431.10	3/4	4,671.47	3/4		3/4		3/4		3/4		3/4	
2	3,648.27	2	3,916.07	2	4,182.16	2	4,436.23	2	4,676.62	2		2		2		2		2	
1/4	3,653.85	1/4	3,921.65	1/4	4,187.59	1/4	4,441.35	1/4	4,682.07	1/4		1/4		1/4		1/4		1/4	
1/2	3,659.43	1/2	3,927.23	1/2	4,193.02	1/2	4,446.47	1/2	4,687.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,665.01	3/4	3,932.81	3/4	4,198.46	3/4	4,451.58	3/4	4,692.97	3/4		3/4		3/4		3/4		3/4	
3	3,670.59	3	3,938.39	3	4,203.89	3	4,456.70	3	4,698.43	3		3		3		3		3	
1/4	3,676.17	1/4	3,943.97	1/4	4,209.30	1/4	4,461.79	1/4	4,703.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,681.75	1/2	3,949.55	1/2	4,214.72	1/2	4,466.88	1/2	4,709.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,687.33	3/4	3,955.13	3/4	4,220.13	3/4	4,471.98	3/4	4,714.79	3/4		3/4		3/4		3/4		3/4	
4	3,692.91	4	3,960.71	4	4,225.54	4	4,477.07	4	4,720.24	4		4		4		4		4	
1/4	3,698.48	1/4	3,966.29	1/4	4,230.93	1/4	4,482.14	1/4	4,725.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,704.06	1/2	3,971.87	1/2	4,236.33	1/2	4,487.22	1/2	4,730.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,709.64	3/4	3,977.44	3/4	4,241.72	3/4	4,492.29	3/4	4,735.47	3/4		3/4		3/4		3/4		3/4	
5	3,715.22	5	3,983.02	5	4,247.11	5	4,497.36	5	4,740.54	5		5		5		5		5	
1/4	3,720.80	1/4	3,988.60	1/4	4,252.48	1/4	4,502.41	1/4	4,744.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,726.38	1/2	3,994.18	1/2	4,257.85	1/2	4,507.47	1/2	4,748.43	1/2		1/2		1/2		1/2		1/2	
3/4	3,731.96	3/4	3,999.76	3/4	4,263.22	3/4	4,512.52	3/4	4,752.37	3/4		3/4		3/4		3/4		3/4	
6	3,737.54	6	4,005.34	6	4,268.59	6	4,517.57	6	4,756.32	6		6		6		6		6	
1/4	3,743.12	1/4	4,010.92	1/4	4,273.94	1/4	4,522.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,748.70	1/2	4,016.50	1/2	4,279.29	1/2	4,527.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,754.28	3/4	4,022.08	3/4	4,284.64	3/4	4,532.66	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,759.86	7	4,027.66	7	4,289.99	7	4,537.69	7		7		7		7		7		7	
1/4	3,765.44	1/4	4,033.23	1/4	4,295.32	1/4	4,542.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,771.01	1/2	4,038.81	1/2	4,300.65	1/2	4,547.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.59	3/4	4,044.39	3/4	4,305.98	3/4	4,552.72	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,782.17	8	4,049.96	8	4,311.30	8	4,557.73	8		8		8		8		8		8	
1/4	3,787.75	1/4	4,055.52	1/4	4,316.61	1/4	4,562.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,793.33	1/2	4,061.09	1/2	4,321.92	1/2	4,567.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,798.91	3/4	4,066.65	3/4	4,327.23	3/4	4,572.70	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,804.49	9	4,072.21	9	4,332.53	9	4,577.68	9		9		9		9		9		9	
1/4	3,810.07	1/4	4,077.75	1/4	4,337.79	1/4	4,582.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,815.65	1/2	4,083.29	1/2	4,343.04	1/2	4,587.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,821.23	3/4	4,088.83	3/4	4,348.29	3/4	4,592.59	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,826.81	10	4,094.37	10	4,353.55	10	4,597.55	10		10		10		10		10		10	
1/4	3,832.39	1/4	4,099.88	1/4	4,358.75	1/4	4,602.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,837.96	1/2	4,105.40	1/2	4,363.95	1/2	4,607.39	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,843.54	3/4	4,110.92	3/4	4,369.15	3/4	4,612.30	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,849.12	11	4,116.44	11	4,374.35	11	4,617.22	11		11		11		11		11		11	
1/4	3,854.70	1/4	4,121.94	1/4	4,379.52	1/4	4,622.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,860.28	1/2	4,127.43	1/2	4,384.70	1/2	4,626.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,865.86	3/4	4,132.93	3/4	4,389.88	3/4	4,631.81	3/4		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"

PORT SLOP INNAGE TABLE

HERMETIC
GAUGE HEIGHT: 5'-08 1/2"

CAPACITIES GIVEN IN WHOLE 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	1,044	0	2,087	0	3,116	0	4,093	0		0		0		0		0	
1/4	22	1/4	1,065	1/4	2,109	1/4	3,137	1/4	4,113	1/4		1/4		1/4		1/4		1/4	
1/2	43	1/2	1,087	1/2	2,131	1/2	3,158	1/2	4,133	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	1,109	3/4	2,153	3/4	3,178	3/4	4,152	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,131	1	2,174	1	3,199	1	4,172	1		1		1		1		1	
1/4	109	1/4	1,152	1/4	2,196	1/4	3,220	1/4	4,192	1/4		1/4		1/4		1/4		1/4	
1/2	130	1/2	1,174	1/2	2,218	1/2	3,241	1/2	4,212	1/2		1/2		1/2		1/2		1/2	
3/4	152	3/4	1,196	3/4	2,240	3/4	3,262	3/4	4,231	3/4		3/4		3/4		3/4		3/4	
2	174	2	1,218	2	2,261	2	3,282	2	4,251	2		2		2		2		2	
1/4	196	1/4	1,239	1/4	2,283	1/4	3,303	1/4	4,270	1/4		1/4		1/4		1/4		1/4	
1/2	217	1/2	1,261	1/2	2,305	1/2	3,324	1/2	4,290	1/2		1/2		1/2		1/2		1/2	
3/4	239	3/4	1,283	3/4	2,327	3/4	3,344	3/4	4,309	3/4		3/4		3/4		3/4		3/4	
3	261	3	1,305	3	2,348	3	3,365	3	4,329	3		3		3		3		3	
1/4	283	1/4	1,326	1/4	2,370	1/4	3,386	1/4	4,348	1/4		1/4		1/4		1/4		1/4	
1/2	304	1/2	1,348	1/2	2,392	1/2	3,406	1/2	4,367	1/2		1/2		1/2		1/2		1/2	
3/4	326	3/4	1,370	3/4	2,413	3/4	3,427	3/4	4,386	3/4		3/4		3/4		3/4		3/4	
4	348	4	1,392	4	2,435	4	3,448	4	4,405	4		4		4		4		4	
1/4	370	1/4	1,413	1/4	2,457	1/4	3,468	1/4	4,424	1/4		1/4		1/4		1/4		1/4	
1/2	391	1/2	1,435	1/2	2,478	1/2	3,489	1/2	4,443	1/2		1/2		1/2		1/2		1/2	
3/4	413	3/4	1,457	3/4	2,500	3/4	3,509	3/4	4,462	3/4		3/4		3/4		3/4		3/4	
5	435	5	1,479	5	2,521	5	3,530	5	4,481	5		5		5		5		5	
1/4	457	1/4	1,500	1/4	2,543	1/4	3,550	1/4	4,500	1/4		1/4		1/4		1/4		1/4	
1/2	478	1/2	1,522	1/2	2,564	1/2	3,570	1/2	4,519	1/2		1/2		1/2		1/2		1/2	
3/4	500	3/4	1,544	3/4	2,586	3/4	3,591	3/4	4,538	3/4		3/4		3/4		3/4		3/4	
6	522	6	1,566	6	2,607	6	3,611	6	4,557	6		6		6		6		6	
1/4	544	1/4	1,587	1/4	2,629	1/4	3,631	1/4	4,576	1/4		1/4		1/4		1/4		1/4	
1/2	565	1/2	1,609	1/2	2,650	1/2	3,652	1/2	4,595	1/2		1/2		1/2		1/2		1/2	
3/4	587	3/4	1,631	3/4	2,672	3/4	3,672	3/4	4,614	3/4		3/4		3/4		3/4		3/4	
7	609	7	1,652	7	2,693	7	3,692	7	4,632	7		7		7		7		7	
1/4	631	1/4	1,674	1/4	2,714	1/4	3,713	1/4	4,651	1/4		1/4		1/4		1/4		1/4	
1/2	652	1/2	1,696	1/2	2,736	1/2	3,733	1/2	4,670	1/2		1/2		1/2		1/2		1/2	
3/4	674	3/4	1,718	3/4	2,757	3/4	3,753	3/4	4,689	3/4		3/4		3/4		3/4		3/4	
8	696	8	1,739	8	2,778	8	3,773	8	4,707	8		8		8		8		8	
1/4	718	1/4	1,761	1/4	2,800	1/4	3,793	1/4	4,726	1/4		1/4		1/4		1/4		1/4	
1/2	739	1/2	1,783	1/2	2,821	1/2	3,814	1/2	4,745	1/2		1/2		1/2		1/2		1/2	
3/4	761	3/4	1,805	3/4	2,842	3/4	3,834	3/4	4,764	3/4		3/4		3/4		3/4		3/4	
9	783	9	1,826	9	2,863	9	3,854	9		9		9		9		9		9	
1/4	805	1/4	1,848	1/4	2,884	1/4	3,874	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	826	1/2	1,870	1/2	2,906	1/2	3,894	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	848	3/4	1,892	3/4	2,927	3/4	3,914	3/4		3/4		3/4		3/4		3/4		3/4	
10	870	10	1,913	10	2,948	10	3,934	10		10		10		10		10		10	
1/4	891	1/4	1,935	1/4	2,969	1/4	3,954	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	913	1/2	1,957	1/2	2,990	1/2	3,974	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	935	3/4	1,979	3/4	3,011	3/4	3,994	3/4		3/4		3/4		3/4		3/4		3/4	
11	957	11	2,000	11	3,032	11	4,014	11		11		11		11		11		11	
1/4	978	1/4	2,022	1/4	3,053	1/4	4,034	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,000	1/2	2,044	1/2	3,074	1/2	4,053	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,022	3/4	2,066	3/4	3,095	3/4	4,073	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE

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"

STBD SLOP INNAGE TABLE

HERMETIC
GAUGE HEIGHT: 5'-08 1/2"

CAPACITIES GIVEN IN WHOLE 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	1,044	0	2,087	0	3,116	0	4,093	0		0		0		0		0	
1/4	22	1/4	1,065	1/4	2,109	1/4	3,137	1/4	4,113	1/4		1/4		1/4		1/4		1/4	
1/2	43	1/2	1,087	1/2	2,131	1/2	3,158	1/2	4,133	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	1,109	3/4	2,153	3/4	3,178	3/4	4,152	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,131	1	2,174	1	3,199	1	4,172	1		1		1		1		1	
1/4	109	1/4	1,152	1/4	2,196	1/4	3,220	1/4	4,192	1/4		1/4		1/4		1/4		1/4	
1/2	130	1/2	1,174	1/2	2,218	1/2	3,241	1/2	4,212	1/2		1/2		1/2		1/2		1/2	
3/4	152	3/4	1,196	3/4	2,240	3/4	3,262	3/4	4,231	3/4		3/4		3/4		3/4		3/4	
2	174	2	1,218	2	2,261	2	3,282	2	4,251	2		2		2		2		2	
1/4	196	1/4	1,239	1/4	2,283	1/4	3,303	1/4	4,270	1/4		1/4		1/4		1/4		1/4	
1/2	217	1/2	1,261	1/2	2,305	1/2	3,324	1/2	4,290	1/2		1/2		1/2		1/2		1/2	
3/4	239	3/4	1,283	3/4	2,327	3/4	3,344	3/4	4,309	3/4		3/4		3/4		3/4		3/4	
3	261	3	1,305	3	2,348	3	3,365	3	4,329	3		3		3		3		3	
1/4	283	1/4	1,326	1/4	2,370	1/4	3,386	1/4	4,348	1/4		1/4		1/4		1/4		1/4	
1/2	304	1/2	1,348	1/2	2,392	1/2	3,406	1/2	4,367	1/2		1/2		1/2		1/2		1/2	
3/4	326	3/4	1,370	3/4	2,413	3/4	3,427	3/4	4,386	3/4		3/4		3/4		3/4		3/4	
4	348	4	1,392	4	2,435	4	3,448	4	4,405	4		4		4		4		4	
1/4	370	1/4	1,413	1/4	2,457	1/4	3,468	1/4	4,424	1/4		1/4		1/4		1/4		1/4	
1/2	391	1/2	1,435	1/2	2,478	1/2	3,489	1/2	4,443	1/2		1/2		1/2		1/2		1/2	
3/4	413	3/4	1,457	3/4	2,500	3/4	3,509	3/4	4,462	3/4		3/4		3/4		3/4		3/4	
5	435	5	1,479	5	2,521	5	3,530	5	4,481	5		5		5		5		5	
1/4	457	1/4	1,500	1/4	2,543	1/4	3,550	1/4	4,500	1/4		1/4		1/4		1/4		1/4	
1/2	478	1/2	1,522	1/2	2,564	1/2	3,570	1/2	4,519	1/2		1/2		1/2		1/2		1/2	
3/4	500	3/4	1,544	3/4	2,586	3/4	3,591	3/4	4,538	3/4		3/4		3/4		3/4		3/4	
6	522	6	1,566	6	2,607	6	3,611	6	4,557	6		6		6		6		6	
1/4	544	1/4	1,587	1/4	2,629	1/4	3,631	1/4	4,576	1/4		1/4		1/4		1/4		1/4	
1/2	565	1/2	1,609	1/2	2,650	1/2	3,652	1/2	4,595	1/2		1/2		1/2		1/2		1/2	
3/4	587	3/4	1,631	3/4	2,672	3/4	3,672	3/4	4,614	3/4		3/4		3/4		3/4		3/4	
7	609	7	1,652	7	2,693	7	3,692	7	4,632	7		7		7		7		7	
1/4	631	1/4	1,674	1/4	2,714	1/4	3,713	1/4	4,651	1/4		1/4		1/4		1/4		1/4	
1/2	652	1/2	1,696	1/2	2,736	1/2	3,733	1/2	4,670	1/2		1/2		1/2		1/2		1/2	
3/4	674	3/4	1,718	3/4	2,757	3/4	3,753	3/4	4,689	3/4		3/4		3/4		3/4		3/4	
8	696	8	1,739	8	2,778	8	3,773	8	4,707	8		8		8		8		8	
1/4	718	1/4	1,761	1/4	2,800	1/4	3,793	1/4	4,726	1/4		1/4		1/4		1/4		1/4	
1/2	739	1/2	1,783	1/2	2,821	1/2	3,814	1/2	4,745	1/2		1/2		1/2		1/2		1/2	
3/4	761	3/4	1,805	3/4	2,842	3/4	3,834	3/4	4,764	3/4		3/4		3/4		3/4		3/4	
9	783	9	1,826	9	2,863	9	3,854	9		9		9		9		9		9	
1/4	805	1/4	1,848	1/4	2,884	1/4	3,874	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	826	1/2	1,870	1/2	2,906	1/2	3,894	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	848	3/4	1,892	3/4	2,927	3/4	3,914	3/4		3/4		3/4		3/4		3/4		3/4	
10	870	10	1,913	10	2,948	10	3,934	10		10		10		10		10		10	
1/4	891	1/4	1,935	1/4	2,969	1/4	3,954	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	913	1/2	1,957	1/2	2,990	1/2	3,974	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	935	3/4	1,979	3/4	3,011	3/4	3,994	3/4		3/4		3/4		3/4		3/4		3/4	
11	957	11	2,000	11	3,032	11	4,014	11		11		11		11		11		11	
1/4	978	1/4	2,022	1/4	3,053	1/4	4,034	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,000	1/2	2,044	1/2	3,074	1/2	4,053	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,022	3/4	2,066	3/4	3,095	3/4	4,073	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" HERMETIC VALVE

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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"

FUEL TANK

INNAGE TABLE GAUGE HEIGHT: 5'-03 1/2"

CAPACITIES GIVEN IN WHOLE 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	196	0	391	0	587	0	782	0		0		0		0		0	
1/4	4	1/4	200	1/4	395	1/4	591	1/4	786	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	8	1/2	204	1/2	399	1/2	595	1/2	790	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	208	3/4	403	3/4	599	3/4	794	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	16	1	212	1	407	1	603	1	799	1		1		1		1		1	
1/4	20	1/4	216	1/4	411	1/4	607	1/4	803	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	24	1/2	220	1/2	416	1/2	611	1/2	807	1/2		1/2		1/2		1/2		1/2	
3/4	29	3/4	224	3/4	420	3/4	615	3/4	811	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	33	2	228	2	424	2	619	2	815	2		2		2		2		2	
1/4	37	1/4	232	1/4	428	1/4	623	1/4	819	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	41	1/2	236	1/2	432	1/2	627	1/2	823	1/2		1/2		1/2		1/2		1/2	
3/4	45	3/4	240	3/4	436	3/4	631	3/4	827	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	49	3	244	3	440	3	636	3	831	3		3		3		3		3	
1/4	53	1/4	249	1/4	444	1/4	640	1/4	835	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57	1/2	253	1/2	448	1/2	644	1/2	839	1/2		1/2		1/2		1/2		1/2	
3/4	61	3/4	257	3/4	452	3/4	648	3/4	843	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	65	4	261	4	456	4	652	4	847	4		4		4		4		4	
1/4	69	1/4	265	1/4	460	1/4	656	1/4	851	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	73	1/2	269	1/2	464	1/2	660	1/2	855	1/2		1/2		1/2		1/2		1/2	
3/4	77	3/4	273	3/4	469	3/4	664	3/4	859	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	81	5	277	5	473	5	668	5	863	5		5		5		5		5	
1/4	86	1/4	281	1/4	477	1/4	672	1/4	867	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	90	1/2	285	1/2	481	1/2	676	1/2	871	1/2		1/2		1/2		1/2		1/2	
3/4	94	3/4	289	3/4	485	3/4	680	3/4	875	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	98	6	293	6	489	6	684	6	880	6		6		6		6		6	
1/4	102	1/4	297	1/4	493	1/4	689	1/4	884	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	106	1/2	301	1/2	497	1/2	693	1/2	888	1/2		1/2		1/2		1/2		1/2	
3/4	110	3/4	306	3/4	501	3/4	697	3/4	892	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	114	7	310	7	505	7	701	7	896	7		7		7		7		7	
1/4	118	1/4	314	1/4	509	1/4	705	1/4	900	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	122	1/2	318	1/2	513	1/2	709	1/2	904	1/2		1/2		1/2		1/2		1/2	
3/4	126	3/4	322	3/4	517	3/4	713	3/4	908	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	130	8	326	8	521	8	717	8	912	8		8		8		8		8	
1/4	134	1/4	330	1/4	526	1/4	721	1/4	916	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	139	1/2	334	1/2	530	1/2	725	1/2	920	1/2		1/2		1/2		1/2		1/2	
3/4	143	3/4	338	3/4	534	3/4	729	3/4	924	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	147	9	342	9	538	9	733	9		9		9		9		9		9	
1/4	151	1/4	346	1/4	542	1/4	737	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	155	1/2	350	1/2	546	1/2	741	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159	3/4	354	3/4	550	3/4	746	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	163	10	359	10	554	10	750	10		10		10		10		10		10	
1/4	167	1/4	363	1/4	558	1/4	754	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	171	1/2	367	1/2	562	1/2	758	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	175	3/4	371	3/4	566	3/4	762	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	179	11	375	11	570	11	766	11		11		11		11		11		11	
1/4	183	1/4	379	1/4	574	1/4	770	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	187	1/2	383	1/2	579	1/2	774	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	191	3/4	387	3/4	583	3/4	778	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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