



BARGE "TMTB 103"

INNAGE (HERMETIC)

	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	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
1 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
2 PORT	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4
2 STBD	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 01-0/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11"

LENGTH BETWEEN DRAFT MARKS: 236'-00"

November 2, 2020

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



BARGE "TMTB 103"

1 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	10.23	0	260.50	0	542.17	0	845.98	0	1,171.40	0	1,503.07	0	1,834.74	0	2,166.35	0	2,497.91	0	2,829.46
1/4	13.56	1/4	266.16	1/4	548.27	1/4	852.56	1/4	1,178.31	1/4	1,509.98	1/4	1,841.65	1/4	2,173.26	1/4	2,504.82	1/4	2,836.37
1/2	16.90	1/2	271.83	1/2	554.38	1/2	859.14	1/2	1,185.22	1/2	1,516.89	1/2	1,848.55	1/2	2,180.17	1/2	2,511.72	1/2	2,843.28
3/4	20.24	3/4	277.50	3/4	560.48	3/4	865.73	3/4	1,192.13	3/4	1,523.80	3/4	1,855.46	3/4	2,187.07	3/4	2,518.63	3/4	2,850.19
1	23.58	1	283.16	1	566.58	1	872.31	1	1,199.04	1	1,530.71	1	1,862.37	1	2,193.98	1	2,525.54	1	2,857.09
1/4	28.25	1/4	288.87	1/4	572.72	1/4	878.94	1/4	1,205.95	1/4	1,537.62	1/4	1,869.28	1/4	2,200.89	1/4	2,532.44	1/4	2,864.00
1/2	32.92	1/2	294.57	1/2	578.86	1/2	885.56	1/2	1,212.86	1/2	1,544.53	1/2	1,876.19	1/2	2,207.80	1/2	2,539.35	1/2	2,870.91
3/4	37.59	3/4	300.28	3/4	585.01	3/4	892.18	3/4	1,219.77	3/4	1,551.44	3/4	1,883.10	3/4	2,214.70	3/4	2,546.26	3/4	2,877.81
2	42.26	2	305.98	2	591.15	2	898.80	2	1,226.68	2	1,558.35	2	1,890.01	2	2,221.61	2	2,553.17	2	2,884.72
1/4	47.54	1/4	311.72	1/4	597.33	1/4	905.47	1/4	1,233.59	1/4	1,565.26	1/4	1,896.92	1/4	2,228.52	1/4	2,560.07	1/4	2,891.63
1/2	52.83	1/2	317.47	1/2	603.50	1/2	912.13	1/2	1,240.50	1/2	1,572.17	1/2	1,903.83	1/2	2,235.43	1/2	2,566.98	1/2	2,898.54
3/4	58.11	3/4	323.21	3/4	609.68	3/4	918.79	3/4	1,247.41	3/4	1,579.08	3/4	1,910.74	3/4	2,242.33	3/4	2,573.89	3/4	2,905.44
3	63.40	3	328.95	3	615.86	3	925.45	3	1,254.32	3	1,585.99	3	1,917.65	3	2,249.24	3	2,580.80	3	2,912.35
1/4	68.72	1/4	334.73	1/4	622.09	1/4	932.15	1/4	1,261.23	1/4	1,592.90	1/4	1,924.56	1/4	2,256.15	1/4	2,587.70	1/4	2,919.26
1/2	74.04	1/2	340.51	1/2	628.32	1/2	938.85	1/2	1,268.14	1/2	1,599.81	1/2	1,931.47	1/2	2,263.06	1/2	2,594.61	1/2	2,926.17
3/4	79.36	3/4	346.29	3/4	634.55	3/4	945.55	3/4	1,275.05	3/4	1,606.72	3/4	1,938.38	3/4	2,269.96	3/4	2,601.52	3/4	2,933.07
4	84.68	4	352.07	4	640.78	4	952.25	4	1,281.96	4	1,613.63	4	1,945.29	4	2,276.87	4	2,608.43	4	2,939.98
1/4	90.04	1/4	357.89	1/4	647.06	1/4	958.98	1/4	1,288.87	1/4	1,620.53	1/4	1,952.20	1/4	2,283.78	1/4	2,615.33	1/4	2,946.89
1/2	95.40	1/2	363.71	1/2	653.34	1/2	965.72	1/2	1,295.78	1/2	1,627.44	1/2	1,959.11	1/2	2,290.69	1/2	2,622.24	1/2	2,953.80
3/4	100.76	3/4	369.53	3/4	659.61	3/4	972.46	3/4	1,302.69	3/4	1,634.35	3/4	1,966.02	3/4	2,297.59	3/4	2,629.15	3/4	2,960.70
5	106.13	5	375.35	5	665.89	5	979.20	5	1,309.60	5	1,641.26	5	1,972.93	5	2,304.50	5	2,636.06	5	2,967.61
1/4	111.52	1/4	381.21	1/4	672.21	1/4	985.97	1/4	1,316.51	1/4	1,648.17	1/4	1,979.84	1/4	2,311.41	1/4	2,642.96	1/4	2,974.52
1/2	116.92	1/2	387.07	1/2	678.53	1/2	992.75	1/2	1,323.42	1/2	1,655.08	1/2	1,986.75	1/2	2,318.32	1/2	2,649.87	1/2	2,981.43
3/4	122.32	3/4	392.92	3/4	684.84	3/4	999.52	3/4	1,330.33	3/4	1,661.99	3/4	1,993.66	3/4	2,325.22	3/4	2,656.78	3/4	2,988.33
6	127.72	6	398.78	6	691.16	6	1,006.30	6	1,337.24	6	1,668.90	6	2,000.57	6	2,332.13	6	2,663.69	6	2,995.24
1/4	133.16	1/4	404.68	1/4	697.52	1/4	1,013.11	1/4	1,344.15	1/4	1,675.81	1/4	2,007.48	1/4	2,339.04	1/4	2,670.59	1/4	3,002.15
1/2	138.59	1/2	410.57	1/2	703.87	1/2	1,019.93	1/2	1,351.06	1/2	1,682.72	1/2	2,014.39	1/2	2,345.94	1/2	2,677.50	1/2	3,009.06
3/4	144.03	3/4	416.47	3/4	710.23	3/4	1,026.74	3/4	1,357.97	3/4	1,689.63	3/4	2,021.30	3/4	2,352.85	3/4	2,684.41	3/4	3,015.96
7	149.47	7	422.37	7	716.58	7	1,033.55	7	1,364.88	7	1,696.54	7	2,028.21	7	2,359.76	7	2,691.32	7	3,022.87
1/4	154.94	1/4	428.29	1/4	722.97	1/4	1,040.41	1/4	1,371.79	1/4	1,703.45	1/4	2,035.11	1/4	2,366.67	1/4	2,698.22	1/4	3,029.78
1/2	160.42	1/2	434.21	1/2	729.37	1/2	1,047.26	1/2	1,378.70	1/2	1,710.36	1/2	2,042.02	1/2	2,373.57	1/2	2,705.13	1/2	3,036.69
3/4	165.89	3/4	440.13	3/4	735.76	3/4	1,054.11	3/4	1,385.60	3/4	1,717.27	3/4	2,048.93	3/4	2,380.48	3/4	2,712.04	3/4	3,043.59
8	171.37	8	446.06	8	742.15	8	1,060.96	8	1,392.51	8	1,724.18	8	2,055.83	8	2,387.39	8	2,718.94	8	3,050.50
1/4	176.88	1/4	452.01	1/4	748.58	1/4	1,067.85	1/4	1,399.42	1/4	1,731.09	1/4	2,062.74	1/4	2,394.30	1/4	2,725.85	1/4	3,057.41
1/2	182.39	1/2	457.96	1/2	755.02	1/2	1,074.74	1/2	1,406.33	1/2	1,738.00	1/2	2,069.65	1/2	2,401.20	1/2	2,732.76	1/2	3,064.31
3/4	187.91	3/4	463.91	3/4	761.45	3/4	1,081.62	3/4	1,413.24	3/4	1,744.91	3/4	2,076.56	3/4	2,408.11	3/4	2,739.67	3/4	3,071.22
9	193.42	9	469.86	9	767.88	9	1,088.51	9	1,420.15	9	1,751.82	9	2,083.46	9	2,415.02	9	2,746.57	9	3,078.13
1/4	198.97	1/4	475.84	1/4	774.35	1/4	1,095.41	1/4	1,427.06	1/4	1,758.73	1/4	2,090.37	1/4	2,421.93	1/4	2,753.48	1/4	3,085.04
1/2	204.52	1/2	481.83	1/2	780.82	1/2	1,102.32	1/2	1,433.97	1/2	1,765.64	1/2	2,097.28	1/2	2,428.83	1/2	2,760.39	1/2	3,091.94
3/4	210.07	3/4	487.82	3/4	787.29	3/4	1,109.22	3/4	1,440.88	3/4	1,772.55	3/4	2,104.19	3/4	2,435.74	3/4	2,767.30	3/4	3,098.85
10	215.63	10	493.81	10	793.76	10	1,116.13	10	1,447.79	10	1,779.46	10	2,111.09	10	2,442.65	10	2,774.20	10	3,105.76
1/4	221.22	1/4	499.83	1/4	800.27	1/4	1,123.04	1/4	1,454.70	1/4	1,786.37	1/4	2,118.00	1/4	2,449.56	1/4	2,781.11	1/4	3,112.67
1/2	226.81	1/2	505.86	1/2	806.77	1/2	1,129.95	1/2	1,461.61	1/2	1,793.28	1/2	2,124.91	1/2	2,456.46	1/2	2,788.02	1/2	3,119.57
3/4	232.39	3/4	511.89	3/4	813.28	3/4	1,136.86	3/4	1,468.52	3/4	1,800.19	3/4	2,131.82	3/4	2,463.37	3/4	2,794.93	3/4	3,126.48
11	237.98	11	517.91	11	819.79	11	1,143.77	11	1,475.43	11	1,807.10	11	2,138.72	11	2,470.28	11	2,801.83	11	3,133.39
1/4	243.61	1/4	523.98	1/4	826.34	1/4	1,150.68	1/4	1,482.34	1/4	1,814.01	1/4	2,145.63	1/4	2,477.19	1/4	2,808.74	1/4	3,140.30
1/2	249.24	1/2	530.04	1/2	832.88	1/2	1,157.58	1/2	1,489.25	1/2	1,820.92	1/2	2,152.54	1/2	2,484.09	1/2	2,815.65	1/2	3,147.20
3/4	254.87	3/4	536.11	3/4	839.43	3/4	1,164.49	3/4	1,496.16	3/4	1,827.83	3/4	2,159.45	3/4	2,491.00	3/4	2,822.56	3/4	3,154.11

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 10'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "TMTB 103"

1 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	3,161.02	0	3,492.57	0	3,823.10	0	4,141.19	0	4,442.06	0		0		0		0		0	
1/4	3,167.93	1/4	3,499.48	1/4	3,829.88	1/4	4,147.61	1/4	4,448.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,174.83	1/2	3,506.39	1/2	3,836.66	1/2	4,154.04	1/2	4,454.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,181.74	3/4	3,513.30	3/4	3,843.44	3/4	4,160.46	3/4	4,460.11	3/4		3/4		3/4		3/4		3/4	
1	3,188.65	1	3,520.20	1	3,850.22	1	4,166.89	1	4,466.12	1		1		1		1		1	
1/4	3,195.56	1/4	3,527.11	1/4	3,856.97	1/4	4,173.28	1/4	4,472.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,202.46	1/2	3,534.02	1/2	3,863.73	1/2	4,179.68	1/2	4,478.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,209.37	3/4	3,540.93	3/4	3,870.48	3/4	4,186.08	3/4	4,485.28	3/4		3/4		3/4		3/4		3/4	
2	3,216.28	2	3,547.83	2	3,877.23	2	4,192.48	2	4,491.67	2		2		2		2		2	
1/4	3,223.18	1/4	3,554.74	1/4	3,883.96	1/4	4,198.85	1/4	4,498.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,230.09	1/2	3,561.65	1/2	3,890.69	1/2	4,205.22	1/2	4,505.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,237.00	3/4	3,568.55	3/4	3,897.41	3/4	4,211.59	3/4	4,511.98	3/4		3/4		3/4		3/4		3/4	
3	3,243.91	3	3,575.46	3	3,904.14	3	4,217.97	3	4,518.75	3		3		3		3		3	
1/4	3,250.81	1/4	3,582.37	1/4	3,910.84	1/4	4,224.31	1/4	4,525.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,257.72	1/2	3,589.28	1/2	3,917.54	1/2	4,230.66	1/2	4,532.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,264.63	3/4	3,596.18	3/4	3,924.24	3/4	4,237.00	3/4	4,539.07	3/4		3/4		3/4		3/4		3/4	
4	3,271.54	4	3,603.09	4	3,930.94	4	4,243.35	4	4,545.84	4		4		4		4		4	
1/4	3,278.44	1/4	3,610.00	1/4	3,937.62	1/4	4,249.67	1/4	4,552.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,285.35	1/2	3,616.91	1/2	3,944.29	1/2	4,255.99	1/2	4,558.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,292.26	3/4	3,623.81	3/4	3,950.97	3/4	4,262.31	3/4	4,565.12	3/4		3/4		3/4		3/4		3/4	
5	3,299.17	5	3,630.72	5	3,957.64	5	4,268.63	5	4,571.55	5		5		5		5		5	
1/4	3,306.07	1/4	3,637.63	1/4	3,964.29	1/4	4,274.92	1/4	4,576.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,312.98	1/2	3,644.54	1/2	3,970.94	1/2	4,281.21	1/2	4,582.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,319.89	3/4	3,651.44	3/4	3,977.59	3/4	4,287.51	3/4	4,587.73	3/4		3/4		3/4		3/4		3/4	
6	3,326.80	6	3,658.35	6	3,984.23	6	4,293.80	6	4,593.12	6		6		6		6		6	
1/4	3,333.70	1/4	3,665.26	1/4	3,990.86	1/4	4,300.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,340.61	1/2	3,672.17	1/2	3,997.48	1/2	4,306.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,347.52	3/4	3,679.07	3/4	4,004.10	3/4	4,312.60	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,354.43	7	3,685.98	7	4,010.72	7	4,318.87	7		7		7		7		7		7	
1/4	3,361.33	1/4	3,692.88	1/4	4,017.32	1/4	4,325.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,368.24	1/2	3,699.78	1/2	4,023.91	1/2	4,331.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,375.15	3/4	3,706.68	3/4	4,030.51	3/4	4,337.59	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,382.06	8	3,713.58	8	4,037.11	8	4,343.83	8		8		8		8		8		8	
1/4	3,388.96	1/4	3,720.47	1/4	4,043.67	1/4	4,350.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,395.87	1/2	3,727.35	1/2	4,050.24	1/2	4,356.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,402.78	3/4	3,734.24	3/4	4,056.81	3/4	4,362.48	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,409.68	9	3,741.12	9	4,063.38	9	4,368.69	9		9		9		9		9		9	
1/4	3,416.59	1/4	3,747.98	1/4	4,069.91	1/4	4,374.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,423.50	1/2	3,754.84	1/2	4,076.43	1/2	4,381.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,430.41	3/4	3,761.69	3/4	4,082.95	3/4	4,387.26	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,437.31	10	3,768.55	10	4,089.48	10	4,393.44	10		10		10		10		10		10	
1/4	3,444.22	1/4	3,775.38	1/4	4,095.95	1/4	4,399.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,451.13	1/2	3,782.22	1/2	4,102.43	1/2	4,405.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,458.04	3/4	3,789.05	3/4	4,108.91	3/4	4,411.79	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,464.94	11	3,795.88	11	4,115.38	11	4,417.90	11		11		11		11		11		11	
1/4	3,471.85	1/4	3,802.69	1/4	4,121.83	1/4	4,423.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,478.76	1/2	3,809.49	1/2	4,128.29	1/2	4,429.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,485.67	3/4	3,816.30	3/4	4,134.74	3/4	4,436.02	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2020 CL
CALCULATED: 11/02/2020 CL
PRINTED: 11/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "TMTB 103"

1 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 1/4"

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	10.21	0	260.20	0	541.09	0	843.75	0	1,168.74	0	1,499.94	0	1,831.15	0	2,162.31	0	2,493.40	0	2,824.50
1/4	13.55	1/4	265.86	1/4	547.16	1/4	850.33	1/4	1,175.64	1/4	1,506.84	1/4	1,838.05	1/4	2,169.21	1/4	2,500.30	1/4	2,831.39
1/2	16.88	1/2	271.52	1/2	553.23	1/2	856.91	1/2	1,182.54	1/2	1,513.74	1/2	1,844.95	1/2	2,176.10	1/2	2,507.20	1/2	2,838.29
3/4	20.22	3/4	277.18	3/4	559.30	3/4	863.48	3/4	1,189.44	3/4	1,520.64	3/4	1,851.85	3/4	2,183.00	3/4	2,514.10	3/4	2,845.19
1	23.56	1	282.84	1	565.37	1	870.06	1	1,196.34	1	1,527.54	1	1,858.75	1	2,189.90	1	2,520.99	1	2,852.09
1/4	28.22	1/4	288.54	1/4	571.48	1/4	876.67	1/4	1,203.24	1/4	1,534.44	1/4	1,865.65	1/4	2,196.80	1/4	2,527.89	1/4	2,858.99
1/2	32.88	1/2	294.23	1/2	577.58	1/2	883.29	1/2	1,210.14	1/2	1,541.34	1/2	1,872.55	1/2	2,203.69	1/2	2,534.79	1/2	2,865.88
3/4	37.55	3/4	299.93	3/4	583.69	3/4	889.90	3/4	1,217.04	3/4	1,548.24	3/4	1,879.45	3/4	2,210.59	3/4	2,541.69	3/4	2,872.78
2	42.21	2	305.63	2	589.80	2	896.51	2	1,223.94	2	1,555.14	2	1,886.35	2	2,217.49	2	2,548.58	2	2,879.68
1/4	47.49	1/4	311.37	1/4	595.95	1/4	903.16	1/4	1,230.84	1/4	1,562.04	1/4	1,893.25	1/4	2,224.39	1/4	2,555.48	1/4	2,886.58
1/2	52.77	1/2	317.10	1/2	602.10	1/2	909.82	1/2	1,237.74	1/2	1,568.94	1/2	1,900.15	1/2	2,231.29	1/2	2,562.38	1/2	2,893.47
3/4	58.05	3/4	322.84	3/4	608.24	3/4	916.47	3/4	1,244.64	3/4	1,575.84	3/4	1,907.05	3/4	2,238.18	3/4	2,569.28	3/4	2,900.37
3	63.33	3	328.57	3	614.39	3	923.12	3	1,251.54	3	1,582.74	3	1,913.95	3	2,245.08	3	2,576.18	3	2,907.27
1/4	68.64	1/4	334.35	1/4	620.58	1/4	929.81	1/4	1,258.44	1/4	1,589.64	1/4	1,920.85	1/4	2,251.98	1/4	2,583.07	1/4	2,914.17
1/2	73.96	1/2	340.12	1/2	626.78	1/2	936.50	1/2	1,265.34	1/2	1,596.54	1/2	1,927.75	1/2	2,258.88	1/2	2,589.97	1/2	2,921.07
3/4	79.27	3/4	345.90	3/4	632.98	3/4	943.19	3/4	1,272.24	3/4	1,603.44	3/4	1,934.65	3/4	2,265.77	3/4	2,596.87	3/4	2,927.96
4	84.59	4	351.67	4	639.17	4	949.88	4	1,279.14	4	1,610.34	4	1,941.55	4	2,272.67	4	2,603.77	4	2,934.86
1/4	89.94	1/4	357.48	1/4	645.42	1/4	956.61	1/4	1,286.04	1/4	1,617.24	1/4	1,948.45	1/4	2,279.57	1/4	2,610.66	1/4	2,941.76
1/2	95.30	1/2	363.29	1/2	651.66	1/2	963.34	1/2	1,292.94	1/2	1,624.14	1/2	1,955.35	1/2	2,286.47	1/2	2,617.56	1/2	2,948.66
3/4	100.65	3/4	369.11	3/4	657.91	3/4	970.07	3/4	1,299.84	3/4	1,631.04	3/4	1,962.25	3/4	2,293.37	3/4	2,624.46	3/4	2,955.55
5	106.01	5	374.92	5	664.16	5	976.79	5	1,306.74	5	1,637.94	5	1,969.15	5	2,300.26	5	2,631.36	5	2,962.45
1/4	111.40	1/4	380.77	1/4	670.44	1/4	983.56	1/4	1,313.64	1/4	1,644.84	1/4	1,976.05	1/4	2,307.16	1/4	2,638.26	1/4	2,969.35
1/2	116.79	1/2	386.62	1/2	676.72	1/2	990.33	1/2	1,320.54	1/2	1,651.74	1/2	1,982.95	1/2	2,314.06	1/2	2,645.15	1/2	2,976.25
3/4	122.18	3/4	392.47	3/4	683.01	3/4	997.09	3/4	1,327.44	3/4	1,658.64	3/4	1,989.85	3/4	2,320.96	3/4	2,652.05	3/4	2,983.15
6	127.58	6	398.32	6	689.29	6	1,003.86	6	1,334.34	6	1,665.54	6	1,996.75	6	2,327.85	6	2,658.95	6	2,990.04
1/4	133.01	1/4	404.21	1/4	695.61	1/4	1,010.67	1/4	1,341.24	1/4	1,672.44	1/4	2,003.65	1/4	2,334.75	1/4	2,665.85	1/4	2,996.94
1/2	138.44	1/2	410.10	1/2	701.94	1/2	1,017.47	1/2	1,348.14	1/2	1,679.35	1/2	2,010.55	1/2	2,341.65	1/2	2,672.74	1/2	3,003.84
3/4	143.87	3/4	415.99	3/4	708.26	3/4	1,024.27	3/4	1,355.04	3/4	1,686.25	3/4	2,017.45	3/4	2,348.55	3/4	2,679.64	3/4	3,010.74
7	149.30	7	421.87	7	714.58	7	1,031.08	7	1,361.94	7	1,693.15	7	2,024.35	7	2,355.45	7	2,686.54	7	3,017.63
1/4	154.77	1/4	427.78	1/4	720.95	1/4	1,037.92	1/4	1,368.84	1/4	1,700.05	1/4	2,031.25	1/4	2,362.34	1/4	2,693.44	1/4	3,024.53
1/2	160.24	1/2	433.68	1/2	727.32	1/2	1,044.76	1/2	1,375.74	1/2	1,706.95	1/2	2,038.15	1/2	2,369.24	1/2	2,700.34	1/2	3,031.43
3/4	165.71	3/4	439.58	3/4	733.70	3/4	1,051.61	3/4	1,382.64	3/4	1,713.85	3/4	2,045.04	3/4	2,376.14	3/4	2,707.23	3/4	3,038.33
8	171.17	8	445.49	8	740.07	8	1,058.45	8	1,389.54	8	1,720.75	8	2,051.94	8	2,383.04	8	2,714.13	8	3,045.23
1/4	176.68	1/4	451.40	1/4	746.49	1/4	1,065.33	1/4	1,396.44	1/4	1,727.65	1/4	2,058.84	1/4	2,389.93	1/4	2,721.03	1/4	3,052.12
1/2	182.19	1/2	457.32	1/2	752.92	1/2	1,072.20	1/2	1,403.34	1/2	1,734.55	1/2	2,065.74	1/2	2,396.83	1/2	2,727.93	1/2	3,059.02
3/4	187.69	3/4	463.24	3/4	759.34	3/4	1,079.08	3/4	1,410.24	3/4	1,741.45	3/4	2,072.64	3/4	2,403.73	3/4	2,734.82	3/4	3,065.92
9	193.20	9	469.16	9	765.76	9	1,085.96	9	1,417.14	9	1,748.35	9	2,079.53	9	2,410.63	9	2,741.72	9	3,072.82
1/4	198.75	1/4	475.11	1/4	772.22	1/4	1,092.85	1/4	1,424.04	1/4	1,755.25	1/4	2,086.43	1/4	2,417.53	1/4	2,748.62	1/4	3,079.71
1/2	204.29	1/2	481.07	1/2	778.68	1/2	1,099.75	1/2	1,430.94	1/2	1,762.15	1/2	2,093.33	1/2	2,424.42	1/2	2,755.52	1/2	3,086.61
3/4	209.84	3/4	487.03	3/4	785.15	3/4	1,106.64	3/4	1,437.84	3/4	1,769.05	3/4	2,100.23	3/4	2,431.32	3/4	2,762.42	3/4	3,093.51
10	215.38	10	492.98	10	791.61	10	1,113.54	10	1,444.74	10	1,775.95	10	2,107.12	10	2,438.22	10	2,769.31	10	3,100.41
1/4	220.97	1/4	498.98	1/4	798.11	1/4	1,120.44	1/4	1,451.64	1/4	1,782.85	1/4	2,114.02	1/4	2,445.12	1/4	2,776.21	1/4	3,107.31
1/2	226.55	1/2	504.97	1/2	804.61	1/2	1,127.34	1/2	1,458.54	1/2	1,789.75	1/2	2,120.92	1/2	2,452.01	1/2	2,783.11	1/2	3,114.20
3/4	232.13	3/4	510.96	3/4	811.11	3/4	1,134.24	3/4	1,465.44	3/4	1,796.65	3/4	2,127.82	3/4	2,458.91	3/4	2,790.01	3/4	3,121.10
11	237.72	11	516.96	11	817.60	11	1,141.14	11	1,472.34	11	1,803.55	11	2,134.72	11	2,465.81	11	2,796.90	11	3,128.00
1/4	243.34	1/4	522.99	1/4	824.14	1/4	1,148.04	1/4	1,479.24	1/4	1,810.45	1/4	2,141.61	1/4	2,472.71	1/4	2,803.80	1/4	3,134.90
1/2	248.96	1/2	529.02	1/2	830.68	1/2	1,154.94	1/2	1,486.14	1/2	1,817.35	1/2	2,148.51	1/2	2,479.61	1/2	2,810.70	1/2	3,141.79
3/4	254.58	3/4	535.05	3/4	837.22	3/4	1,161.84	3/4	1,493.04	3/4	1,824.25	3/4	2,155.41	3/4	2,486.50	3/4	2,817.60	3/4	3,148.69

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 10'-09" OFF CENTERLINE AND 44'-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 103"

1 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 1/4"

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	3,155.59	0	3,486.68	0	3,816.76	0	4,134.42	0	4,434.91	0		0		0		0		0	
1/4	3,162.49	1/4	3,493.58	1/4	3,823.53	1/4	4,140.84	1/4	4,440.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,169.39	1/2	3,500.48	1/2	3,830.30	1/2	4,147.25	1/2	4,446.92	1/2		1/2		1/2		1/2		1/2	
3/4	3,176.28	3/4	3,507.38	3/4	3,837.07	3/4	4,153.67	3/4	4,452.93	3/4		3/4		3/4		3/4		3/4	
1	3,183.18	1	3,514.28	1	3,843.84	1	4,160.08	1	4,458.93	1		1		1		1		1	
1/4	3,190.08	1/4	3,521.17	1/4	3,850.59	1/4	4,166.47	1/4	4,465.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,196.98	1/2	3,528.07	1/2	3,857.33	1/2	4,172.86	1/2	4,471.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,203.88	3/4	3,534.97	3/4	3,864.08	3/4	4,179.25	3/4	4,478.07	3/4		3/4		3/4		3/4		3/4	
2	3,210.77	2	3,541.87	2	3,870.82	2	4,185.64	2	4,484.45	2		2		2		2		2	
1/4	3,217.67	1/4	3,548.77	1/4	3,877.54	1/4	4,192.01	1/4	4,491.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,224.57	1/2	3,555.66	1/2	3,884.26	1/2	4,198.37	1/2	4,497.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,231.47	3/4	3,562.56	3/4	3,890.97	3/4	4,204.73	3/4	4,504.73	3/4		3/4		3/4		3/4		3/4	
3	3,238.36	3	3,569.46	3	3,897.69	3	4,211.10	3	4,511.50	3		3		3		3		3	
1/4	3,245.26	1/4	3,576.36	1/4	3,904.38	1/4	4,217.44	1/4	4,518.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,252.16	1/2	3,583.25	1/2	3,911.07	1/2	4,223.77	1/2	4,525.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,259.06	3/4	3,590.15	3/4	3,917.77	3/4	4,230.11	3/4	4,531.79	3/4		3/4		3/4		3/4		3/4	
4	3,265.96	4	3,597.05	4	3,924.46	4	4,236.45	4	4,538.55	4		4		4		4		4	
1/4	3,272.85	1/4	3,603.95	1/4	3,931.12	1/4	4,242.76	1/4	4,544.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,279.75	1/2	3,610.85	1/2	3,937.79	1/2	4,249.07	1/2	4,551.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,286.65	3/4	3,617.74	3/4	3,944.45	3/4	4,255.38	3/4	4,557.81	3/4		3/4		3/4		3/4		3/4	
5	3,293.55	5	3,624.64	5	3,951.12	5	4,261.69	5	4,564.23	5		5		5		5		5	
1/4	3,300.44	1/4	3,631.54	1/4	3,957.76	1/4	4,267.98	1/4	4,569.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,307.34	1/2	3,638.44	1/2	3,964.40	1/2	4,274.26	1/2	4,575.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,314.24	3/4	3,645.33	3/4	3,971.04	3/4	4,280.55	3/4	4,580.38	3/4		3/4		3/4		3/4		3/4	
6	3,321.14	6	3,652.23	6	3,977.68	6	4,286.83	6	4,585.77	6		6		6		6		6	
1/4	3,328.04	1/4	3,659.13	1/4	3,984.29	1/4	4,293.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,334.93	1/2	3,666.03	1/2	3,990.90	1/2	4,299.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,341.83	3/4	3,672.93	3/4	3,997.52	3/4	4,305.61	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,348.73	7	3,679.82	7	4,004.13	7	4,311.87	7		7		7		7		7		7	
1/4	3,355.63	1/4	3,686.72	1/4	4,010.72	1/4	4,318.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,362.52	1/2	3,693.61	1/2	4,017.30	1/2	4,324.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,369.42	3/4	3,700.50	3/4	4,023.89	3/4	4,330.57	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,376.32	8	3,707.39	8	4,030.48	8	4,336.80	8		8		8		8		8		8	
1/4	3,383.22	1/4	3,714.27	1/4	4,037.04	1/4	4,343.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,390.12	1/2	3,721.14	1/2	4,043.60	1/2	4,349.21	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,397.01	3/4	3,728.02	3/4	4,050.16	3/4	4,355.42	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,403.91	9	3,734.89	9	4,056.72	9	4,361.63	9		9		9		9		9		9	
1/4	3,410.81	1/4	3,741.74	1/4	4,063.23	1/4	4,367.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,417.71	1/2	3,748.59	1/2	4,069.75	1/2	4,373.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,424.60	3/4	3,755.44	3/4	4,076.26	3/4	4,380.17	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,431.50	10	3,762.29	10	4,082.78	10	4,386.35	10		10		10		10		10		10	
1/4	3,438.40	1/4	3,769.11	1/4	4,089.24	1/4	4,392.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,445.30	1/2	3,775.93	1/2	4,095.71	1/2	4,398.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,452.20	3/4	3,782.76	3/4	4,102.18	3/4	4,404.67	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,459.09	11	3,789.58	11	4,108.65	11	4,410.77	11		11		11		11		11		11	
1/4	3,465.99	1/4	3,796.38	1/4	4,115.09	1/4	4,416.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,472.89	1/2	3,803.17	1/2	4,121.53	1/2	4,422.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,479.79	3/4	3,809.97	3/4	4,127.98	3/4	4,428.87	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2020 CL
CALCULATED: 11/02/2020 CL
PRINTED: 11/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "TMTB 103"

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	13.90	0	388.92	0	777.03	0	1,165.23	0	1,553.75	0	1,942.27	0	2,330.79	0	2,719.27	0	3,107.68	0	3,496.09
1/4	19.30	1/4	397.02	1/4	785.10	1/4	1,173.32	1/4	1,561.85	1/4	1,950.37	1/4	2,338.89	1/4	2,727.36	1/4	3,115.77	1/4	3,504.18
1/2	24.69	1/2	405.11	1/2	793.17	1/2	1,181.42	1/2	1,569.94	1/2	1,958.46	1/2	2,346.98	1/2	2,735.45	1/2	3,123.86	1/2	3,512.28
3/4	30.09	3/4	413.20	3/4	801.24	3/4	1,189.51	3/4	1,578.03	3/4	1,966.56	3/4	2,355.08	3/4	2,743.54	3/4	3,131.96	3/4	3,520.37
1	35.48	1	421.30	1	809.31	1	1,197.61	1	1,586.13	1	1,974.65	1	2,363.17	1	2,751.64	1	3,140.05	1	3,528.46
1/4	42.90	1/4	429.39	1/4	817.38	1/4	1,205.70	1/4	1,594.22	1/4	1,982.74	1/4	2,371.27	1/4	2,759.73	1/4	3,148.14	1/4	3,536.55
1/2	50.32	1/2	437.49	1/2	825.45	1/2	1,213.79	1/2	1,602.32	1/2	1,990.84	1/2	2,379.36	1/2	2,767.82	1/2	3,156.23	1/2	3,544.64
3/4	57.74	3/4	445.58	3/4	833.53	3/4	1,221.89	3/4	1,610.41	3/4	1,998.93	3/4	2,387.45	3/4	2,775.91	3/4	3,164.32	3/4	3,552.73
2	65.16	2	453.67	2	841.60	2	1,229.98	2	1,618.50	2	2,007.03	2	2,395.55	2	2,784.00	2	3,172.42	2	3,560.83
1/4	73.26	1/4	461.77	1/4	849.67	1/4	1,238.08	1/4	1,626.60	1/4	2,015.12	1/4	2,403.64	1/4	2,792.10	1/4	3,180.51	1/4	3,568.92
1/2	81.35	1/2	469.86	1/2	857.74	1/2	1,246.17	1/2	1,634.69	1/2	2,023.21	1/2	2,411.74	1/2	2,800.19	1/2	3,188.60	1/2	3,577.01
3/4	89.44	3/4	477.96	3/4	865.81	3/4	1,254.27	3/4	1,642.79	3/4	2,031.31	3/4	2,419.83	3/4	2,808.28	3/4	3,196.69	3/4	3,585.10
3	97.54	3	486.05	3	873.88	3	1,262.36	3	1,650.88	3	2,039.40	3	2,427.92	3	2,816.37	3	3,204.78	3	3,593.19
1/4	105.63	1/4	494.14	1/4	881.97	1/4	1,270.45	1/4	1,658.98	1/4	2,047.50	1/4	2,436.02	1/4	2,824.46	1/4	3,212.88	1/4	3,601.29
1/2	113.73	1/2	502.24	1/2	890.05	1/2	1,278.55	1/2	1,667.07	1/2	2,055.59	1/2	2,444.11	1/2	2,832.56	1/2	3,220.97	1/2	3,609.38
3/4	121.82	3/4	510.33	3/4	898.13	3/4	1,286.64	3/4	1,675.16	3/4	2,063.69	3/4	2,452.21	3/4	2,840.65	3/4	3,229.06	3/4	3,617.47
4	129.91	4	518.43	4	906.22	4	1,294.74	4	1,683.26	4	2,071.78	4	2,460.30	4	2,848.74	4	3,237.15	4	3,625.56
1/4	138.01	1/4	526.52	1/4	914.31	1/4	1,302.83	1/4	1,691.35	1/4	2,079.87	1/4	2,468.40	1/4	2,856.83	1/4	3,245.24	1/4	3,633.65
1/2	146.10	1/2	534.61	1/2	922.40	1/2	1,310.93	1/2	1,699.45	1/2	2,087.97	1/2	2,476.49	1/2	2,864.92	1/2	3,253.33	1/2	3,641.75
3/4	154.20	3/4	542.71	3/4	930.50	3/4	1,319.02	3/4	1,707.54	3/4	2,096.06	3/4	2,484.58	3/4	2,873.02	3/4	3,261.43	3/4	3,649.84
5	162.29	5	550.80	5	938.59	5	1,327.11	5	1,715.64	5	2,104.16	5	2,492.68	5	2,881.11	5	3,269.52	5	3,657.93
1/4	170.38	1/4	558.90	1/4	946.69	1/4	1,335.21	1/4	1,723.73	1/4	2,112.25	1/4	2,500.77	1/4	2,889.20	1/4	3,277.61	1/4	3,666.02
1/2	178.48	1/2	566.99	1/2	954.78	1/2	1,343.30	1/2	1,731.82	1/2	2,120.35	1/2	2,508.87	1/2	2,897.29	1/2	3,285.70	1/2	3,674.11
3/4	186.57	3/4	575.08	3/4	962.87	3/4	1,351.40	3/4	1,739.92	3/4	2,128.44	3/4	2,516.96	3/4	2,905.38	3/4	3,293.79	3/4	3,682.21
6	194.67	6	583.18	6	970.97	6	1,359.49	6	1,748.01	6	2,136.53	6	2,525.06	6	2,913.47	6	3,301.89	6	3,690.30
1/4	202.76	1/4	591.27	1/4	979.06	1/4	1,367.58	1/4	1,756.11	1/4	2,144.63	1/4	2,533.15	1/4	2,921.57	1/4	3,309.98	1/4	3,698.39
1/2	210.85	1/2	599.37	1/2	987.16	1/2	1,375.68	1/2	1,764.20	1/2	2,152.72	1/2	2,541.24	1/2	2,929.66	1/2	3,318.07	1/2	3,706.48
3/4	218.95	3/4	607.46	3/4	995.25	3/4	1,383.77	3/4	1,772.29	3/4	2,160.82	3/4	2,549.34	3/4	2,937.75	3/4	3,326.16	3/4	3,714.57
7	227.04	7	615.55	7	1,003.35	7	1,391.87	7	1,780.39	7	2,168.91	7	2,557.43	7	2,945.84	7	3,334.25	7	3,722.66
1/4	235.14	1/4	623.64	1/4	1,011.44	1/4	1,399.96	1/4	1,788.48	1/4	2,177.00	1/4	2,565.52	1/4	2,953.93	1/4	3,342.35	1/4	3,730.76
1/2	243.23	1/2	631.72	1/2	1,019.53	1/2	1,408.06	1/2	1,796.58	1/2	2,185.10	1/2	2,573.62	1/2	2,962.03	1/2	3,350.44	1/2	3,738.85
3/4	251.32	3/4	639.80	3/4	1,027.63	3/4	1,416.15	3/4	1,804.67	3/4	2,193.19	3/4	2,581.71	3/4	2,970.12	3/4	3,358.53	3/4	3,746.94
8	259.42	8	647.88	8	1,035.72	8	1,424.24	8	1,812.77	8	2,201.29	8	2,589.80	8	2,978.21	8	3,366.62	8	3,755.03
1/4	267.51	1/4	655.95	1/4	1,043.82	1/4	1,432.34	1/4	1,820.86	1/4	2,209.38	1/4	2,597.89	1/4	2,986.30	1/4	3,374.71	1/4	3,763.12
1/2	275.61	1/2	664.02	1/2	1,051.91	1/2	1,440.43	1/2	1,828.95	1/2	2,217.48	1/2	2,605.98	1/2	2,994.39	1/2	3,382.80	1/2	3,771.22
3/4	283.70	3/4	672.10	3/4	1,060.01	3/4	1,448.53	3/4	1,837.05	3/4	2,225.57	3/4	2,614.07	3/4	3,002.49	3/4	3,390.90	3/4	3,779.31
9	291.79	9	680.17	9	1,068.10	9	1,456.62	9	1,845.14	9	2,233.66	9	2,622.17	9	3,010.58	9	3,398.99	9	3,787.40
1/4	299.89	1/4	688.24	1/4	1,076.19	1/4	1,464.72	1/4	1,853.24	1/4	2,241.76	1/4	2,630.26	1/4	3,018.67	1/4	3,407.08	1/4	3,795.49
1/2	307.98	1/2	696.31	1/2	1,084.29	1/2	1,472.81	1/2	1,861.33	1/2	2,249.85	1/2	2,638.35	1/2	3,026.76	1/2	3,415.17	1/2	3,803.58
3/4	316.08	3/4	704.38	3/4	1,092.38	3/4	1,480.90	3/4	1,869.43	3/4	2,257.95	3/4	2,646.44	3/4	3,034.85	3/4	3,423.26	3/4	3,811.68
10	324.17	10	712.45	10	1,100.48	10	1,489.00	10	1,877.52	10	2,266.04	10	2,654.53	10	3,042.95	10	3,431.36	10	3,819.77
1/4	332.26	1/4	720.53	1/4	1,108.57	1/4	1,497.09	1/4	1,885.61	1/4	2,274.14	1/4	2,662.63	1/4	3,051.04	1/4	3,439.45	1/4	3,827.86
1/2	340.36	1/2	728.60	1/2	1,116.66	1/2	1,505.19	1/2	1,893.71	1/2	2,282.23	1/2	2,670.72	1/2	3,059.13	1/2	3,447.54	1/2	3,835.95
3/4	348.45	3/4	736.67	3/4	1,124.76	3/4	1,513.28	3/4	1,901.80	3/4	2,290.32	3/4	2,678.81	3/4	3,067.22	3/4	3,455.63	3/4	3,844.04
11	356.55	11	744.74	11	1,132.85	11	1,521.37	11	1,909.90	11	2,298.42	11	2,686.90	11	3,075.31	11	3,463.72	11	3,852.14
1/4	364.64	1/4	752.81	1/4	1,140.95	1/4	1,529.47	1/4	1,917.99	1/4	2,306.51	1/4	2,694.99	1/4	3,083.40	1/4	3,471.82	1/4	3,860.23
1/2	372.73	1/2	760.88	1/2	1,149.04	1/2	1,537.56	1/2	1,926.08	1/2	2,314.61	1/2	2,703.09	1/2	3,091.50	1/2	3,479.91	1/2	3,868.32
3/4	380.83	3/4	768.95	3/4	1,157.14	3/4	1,545.66	3/4	1,934.18	3/4	2,322.70	3/4	2,711.18	3/4	3,099.59	3/4	3,488.00	3/4	3,876.41

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 10'-09" OFF CENTERLINE AND 50'-06" 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 103"

2 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	3,884.50	0	4,272.91	0	4,660.13	0	5,032.84	0	5,385.77	0		0		0		0		0	
1/4	3,892.59	1/4	4,281.01	1/4	4,668.08	1/4	5,040.38	1/4	5,392.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,900.69	1/2	4,289.10	1/2	4,676.02	1/2	5,047.91	1/2	5,399.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,908.78	3/4	4,297.19	3/4	4,683.96	3/4	5,055.44	3/4	5,406.98	3/4		3/4		3/4		3/4		3/4	
1	3,916.87	1	4,305.28	1	4,691.90	1	5,062.98	1	5,414.05	1		1		1		1		1	
1/4	3,924.96	1/4	4,313.37	1/4	4,699.81	1/4	5,070.48	1/4	5,421.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,933.05	1/2	4,321.47	1/2	4,707.72	1/2	5,077.98	1/2	5,429.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,941.15	3/4	4,329.56	3/4	4,715.64	3/4	5,085.49	3/4	5,436.57	3/4		3/4		3/4		3/4		3/4	
2	3,949.24	2	4,337.65	2	4,723.55	2	5,092.99	2	5,444.07	2		2		2		2		2	
1/4	3,957.33	1/4	4,345.74	1/4	4,731.43	1/4	5,100.46	1/4	5,452.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,965.42	1/2	4,353.83	1/2	4,739.31	1/2	5,107.93	1/2	5,459.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,973.51	3/4	4,361.92	3/4	4,747.19	3/4	5,115.41	3/4	5,467.94	3/4		3/4		3/4		3/4		3/4	
3	3,981.61	3	4,370.02	3	4,755.07	3	5,122.88	3	5,475.90	3		3		3		3		3	
1/4	3,989.70	1/4	4,378.11	1/4	4,762.92	1/4	5,130.32	1/4	5,483.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,997.79	1/2	4,386.20	1/2	4,770.77	1/2	5,137.76	1/2	5,491.81	1/2		1/2		1/2		1/2		1/2	
3/4	4,005.88	3/4	4,394.29	3/4	4,778.62	3/4	5,145.20	3/4	5,499.77	3/4		3/4		3/4		3/4		3/4	
4	4,013.97	4	4,402.38	4	4,786.47	4	5,152.64	4	5,507.73	4		4		4		4		4	
1/4	4,022.07	1/4	4,410.48	1/4	4,794.29	1/4	5,160.05	1/4	5,515.28	1/4		1/4		1/4		1/4		1/4	
1/2	4,030.16	1/2	4,418.57	1/2	4,802.11	1/2	5,167.46	1/2	5,522.83	1/2		1/2		1/2		1/2		1/2	
3/4	4,038.25	3/4	4,426.66	3/4	4,809.93	3/4	5,174.87	3/4	5,530.39	3/4		3/4		3/4		3/4		3/4	
5	4,046.34	5	4,434.75	5	4,817.75	5	5,182.29	5	5,537.94	5		5		5		5		5	
1/4	4,054.43	1/4	4,442.84	1/4	4,825.53	1/4	5,189.67	1/4	5,544.28	1/4		1/4		1/4		1/4		1/4	
1/2	4,062.52	1/2	4,450.94	1/2	4,833.32	1/2	5,197.05	1/2	5,550.62	1/2		1/2		1/2		1/2		1/2	
3/4	4,070.62	3/4	4,459.03	3/4	4,841.11	3/4	5,204.43	3/4	5,556.96	3/4		3/4		3/4		3/4		3/4	
6	4,078.71	6	4,467.12	6	4,848.90	6	5,211.81	6	5,563.30	6		6		6		6		6	
1/4	4,086.80	1/4	4,475.21	1/4	4,856.66	1/4	5,219.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,094.89	1/2	4,483.30	1/2	4,864.42	1/2	5,226.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,102.98	3/4	4,491.40	3/4	4,872.17	3/4	5,233.85	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,111.08	7	4,499.49	7	4,879.93	7	5,241.20	7		7		7		7		7		7	
1/4	4,119.17	1/4	4,507.57	1/4	4,887.66	1/4	5,248.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,127.26	1/2	4,515.66	1/2	4,895.39	1/2	5,255.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,135.35	3/4	4,523.74	3/4	4,903.11	3/4	5,263.16	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,143.44	8	4,531.83	8	4,910.84	8	5,270.48	8		8		8		8		8		8	
1/4	4,151.54	1/4	4,539.90	1/4	4,918.54	1/4	5,277.76	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,159.63	1/2	4,547.96	1/2	4,926.23	1/2	5,285.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,167.72	3/4	4,556.03	3/4	4,933.93	3/4	5,292.34	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,175.81	9	4,564.09	9	4,941.63	9	5,299.63	9		9		9		9		9		9	
1/4	4,183.90	1/4	4,572.13	1/4	4,949.27	1/4	5,306.88	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,191.99	1/2	4,580.16	1/2	4,956.92	1/2	5,314.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,200.09	3/4	4,588.19	3/4	4,964.56	3/4	5,321.40	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,208.18	10	4,596.23	10	4,972.21	10	5,328.65	10		10		10		10		10		10	
1/4	4,216.27	1/4	4,604.23	1/4	4,979.80	1/4	5,335.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,224.36	1/2	4,612.24	1/2	4,987.40	1/2	5,343.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,232.45	3/4	4,620.24	3/4	4,994.99	3/4	5,350.19	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,240.55	11	4,628.24	11	5,002.59	11	5,357.37	11		11		11		11		11		11	
1/4	4,248.64	1/4	4,636.21	1/4	5,010.15	1/4	5,364.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,256.73	1/2	4,644.19	1/2	5,017.72	1/2	5,371.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,264.82	3/4	4,652.16	3/4	5,025.28	3/4	5,378.67	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2020 CL
CALCULATED: 11/02/2020 CL
PRINTED: 11/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "TMTB 103"

2 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 1/4"

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	13.87	0	388.01	0	769.60	0	1,147.54	0	1,535.15	0	1,922.77	0	2,310.38	0	2,697.95	0	3,085.46	0	3,472.96
1/4	19.25	1/4	396.08	1/4	777.34	1/4	1,155.62	1/4	1,543.23	1/4	1,930.84	1/4	2,318.46	1/4	2,706.02	1/4	3,093.53	1/4	3,481.03
1/2	24.63	1/2	404.16	1/2	785.08	1/2	1,163.69	1/2	1,551.30	1/2	1,938.92	1/2	2,326.53	1/2	2,714.10	1/2	3,101.60	1/2	3,489.11
3/4	30.02	3/4	412.23	3/4	792.82	3/4	1,171.77	3/4	1,559.38	3/4	1,946.99	3/4	2,334.61	3/4	2,722.17	3/4	3,109.67	3/4	3,497.18
1	35.40	1	420.31	1	800.56	1	1,179.84	1	1,567.46	1	1,955.07	1	2,342.68	1	2,730.24	1	3,117.75	1	3,505.25
1/4	42.80	1/4	428.38	1/4	808.30	1/4	1,187.92	1/4	1,575.53	1/4	1,963.15	1/4	2,350.76	1/4	2,738.32	1/4	3,125.82	1/4	3,513.32
1/2	50.21	1/2	436.46	1/2	816.04	1/2	1,195.99	1/2	1,583.61	1/2	1,971.22	1/2	2,358.83	1/2	2,746.39	1/2	3,133.89	1/2	3,521.40
3/4	57.61	3/4	444.53	3/4	823.78	3/4	1,204.07	3/4	1,591.68	3/4	1,979.30	3/4	2,366.91	3/4	2,754.46	3/4	3,141.97	3/4	3,529.47
2	65.01	2	452.61	2	831.52	2	1,212.14	2	1,599.76	2	1,987.37	2	2,374.99	2	2,762.54	2	3,150.04	2	3,537.54
1/4	73.08	1/4	460.68	1/4	839.26	1/4	1,220.22	1/4	1,607.83	1/4	1,995.45	1/4	2,383.06	1/4	2,770.61	1/4	3,158.11	1/4	3,545.62
1/2	81.16	1/2	468.76	1/2	847.01	1/2	1,228.29	1/2	1,615.91	1/2	2,003.52	1/2	2,391.14	1/2	2,778.68	1/2	3,166.19	1/2	3,553.69
3/4	89.23	3/4	476.83	3/4	854.75	3/4	1,236.37	3/4	1,623.98	3/4	2,011.60	3/4	2,399.21	3/4	2,786.75	3/4	3,174.26	3/4	3,561.76
3	97.31	3	484.91	3	862.49	3	1,244.44	3	1,632.06	3	2,019.67	3	2,407.29	3	2,794.83	3	3,182.33	3	3,569.84
1/4	105.38	1/4	492.98	1/4	870.24	1/4	1,252.52	1/4	1,640.13	1/4	2,027.75	1/4	2,415.36	1/4	2,802.90	1/4	3,190.40	1/4	3,577.91
1/2	113.46	1/2	501.06	1/2	877.99	1/2	1,260.59	1/2	1,648.21	1/2	2,035.82	1/2	2,423.44	1/2	2,810.97	1/2	3,198.48	1/2	3,585.98
3/4	121.53	3/4	509.13	3/4	885.74	3/4	1,268.67	3/4	1,656.28	3/4	2,043.90	3/4	2,431.51	3/4	2,819.05	3/4	3,206.55	3/4	3,594.05
4	129.61	4	517.21	4	893.50	4	1,276.74	4	1,664.36	4	2,051.97	4	2,439.59	4	2,827.12	4	3,214.62	4	3,602.13
1/4	137.68	1/4	525.28	1/4	901.26	1/4	1,284.82	1/4	1,672.43	1/4	2,060.05	1/4	2,447.66	1/4	2,835.19	1/4	3,222.70	1/4	3,610.20
1/2	145.76	1/2	533.36	1/2	909.02	1/2	1,292.90	1/2	1,680.51	1/2	2,068.12	1/2	2,455.74	1/2	2,843.27	1/2	3,230.77	1/2	3,618.27
3/4	153.83	3/4	541.43	3/4	916.79	3/4	1,300.97	3/4	1,688.58	3/4	2,076.20	3/4	2,463.81	3/4	2,851.34	3/4	3,238.84	3/4	3,626.35
5	161.91	5	549.51	5	924.55	5	1,309.05	5	1,696.66	5	2,084.27	5	2,471.89	5	2,859.41	5	3,246.92	5	3,634.42
1/4	169.98	1/4	557.58	1/4	932.31	1/4	1,317.12	1/4	1,704.74	1/4	2,092.35	1/4	2,479.96	1/4	2,867.48	1/4	3,254.99	1/4	3,642.49
1/2	178.06	1/2	565.66	1/2	940.08	1/2	1,325.20	1/2	1,712.81	1/2	2,100.43	1/2	2,488.04	1/2	2,875.56	1/2	3,263.06	1/2	3,650.57
3/4	186.13	3/4	573.73	3/4	947.84	3/4	1,333.27	3/4	1,720.89	3/4	2,108.50	3/4	2,496.11	3/4	2,883.63	3/4	3,271.13	3/4	3,658.64
6	194.21	6	581.81	6	955.60	6	1,341.35	6	1,728.96	6	2,116.58	6	2,504.19	6	2,891.70	6	3,279.21	6	3,666.71
1/4	202.28	1/4	589.88	1/4	963.37	1/4	1,349.42	1/4	1,737.04	1/4	2,124.65	1/4	2,512.27	1/4	2,899.78	1/4	3,287.28	1/4	3,674.78
1/2	210.36	1/2	597.96	1/2	971.13	1/2	1,357.50	1/2	1,745.11	1/2	2,132.73	1/2	2,520.34	1/2	2,907.85	1/2	3,295.35	1/2	3,682.86
3/4	218.43	3/4	606.03	3/4	978.89	3/4	1,365.57	3/4	1,753.19	3/4	2,140.80	3/4	2,528.42	3/4	2,915.92	3/4	3,303.43	3/4	3,690.93
7	226.51	7	614.11	7	986.66	7	1,373.65	7	1,761.26	7	2,148.88	7	2,536.49	7	2,924.00	7	3,311.50	7	3,699.00
1/4	234.58	1/4	622.02	1/4	994.58	1/4	1,381.72	1/4	1,769.34	1/4	2,156.95	1/4	2,544.56	1/4	2,932.07	1/4	3,319.57	1/4	3,707.08
1/2	242.66	1/2	629.93	1/2	1,002.50	1/2	1,389.80	1/2	1,777.41	1/2	2,165.03	1/2	2,552.64	1/2	2,940.14	1/2	3,327.65	1/2	3,715.15
3/4	250.73	3/4	637.84	3/4	1,010.42	3/4	1,397.87	3/4	1,785.49	3/4	2,173.10	3/4	2,560.71	3/4	2,948.21	3/4	3,335.72	3/4	3,723.22
8	258.81	8	645.74	8	1,018.33	8	1,405.95	8	1,793.56	8	2,181.18	8	2,568.78	8	2,956.29	8	3,343.79	8	3,731.30
1/4	266.88	1/4	653.49	1/4	1,026.41	1/4	1,414.02	1/4	1,801.64	1/4	2,189.25	1/4	2,576.86	1/4	2,964.36	1/4	3,351.86	1/4	3,739.37
1/2	274.96	1/2	661.23	1/2	1,034.49	1/2	1,422.10	1/2	1,809.71	1/2	2,197.33	1/2	2,584.93	1/2	2,972.43	1/2	3,359.94	1/2	3,747.44
3/4	283.03	3/4	668.97	3/4	1,042.56	3/4	1,430.18	3/4	1,817.79	3/4	2,205.40	3/4	2,593.00	3/4	2,980.51	3/4	3,368.01	3/4	3,755.51
9	291.11	9	676.71	9	1,050.64	9	1,438.25	9	1,825.86	9	2,213.48	9	2,601.08	9	2,988.58	9	3,376.08	9	3,763.59
1/4	299.18	1/4	684.45	1/4	1,058.71	1/4	1,446.33	1/4	1,833.94	1/4	2,221.55	1/4	2,609.15	1/4	2,996.65	1/4	3,384.16	1/4	3,771.66
1/2	307.26	1/2	692.19	1/2	1,066.79	1/2	1,454.40	1/2	1,842.02	1/2	2,229.63	1/2	2,617.22	1/2	3,004.73	1/2	3,392.23	1/2	3,779.73
3/4	315.33	3/4	699.93	3/4	1,074.86	3/4	1,462.48	3/4	1,850.09	3/4	2,237.71	3/4	2,625.29	3/4	3,012.80	3/4	3,400.30	3/4	3,787.81
10	323.41	10	707.67	10	1,082.94	10	1,470.55	10	1,858.17	10	2,245.78	10	2,633.37	10	3,020.87	10	3,408.38	10	3,795.88
1/4	331.48	1/4	715.41	1/4	1,091.01	1/4	1,478.63	1/4	1,866.24	1/4	2,253.86	1/4	2,641.44	1/4	3,028.94	1/4	3,416.45	1/4	3,803.95
1/2	339.56	1/2	723.15	1/2	1,099.09	1/2	1,486.70	1/2	1,874.32	1/2	2,261.93	1/2	2,649.51	1/2	3,037.02	1/2	3,424.52	1/2	3,812.03
3/4	347.63	3/4	730.89	3/4	1,107.16	3/4	1,494.78	3/4	1,882.39	3/4	2,270.01	3/4	2,657.59	3/4	3,045.09	3/4	3,432.59	3/4	3,820.10
11	355.71	11	738.63	11	1,115.24	11	1,502.85	11	1,890.47	11	2,278.08	11	2,665.66	11	3,053.16	11	3,440.67	11	3,828.17
1/4	363.78	1/4	746.38	1/4	1,123.31	1/4	1,510.93	1/4	1,898.54	1/4	2,286.16	1/4	2,673.73	1/4	3,061.24	1/4	3,448.74	1/4	3,836.24
1/2	371.86	1/2	754.12	1/2	1,131.39	1/2	1,519.00	1/2	1,906.62	1/2	2,294.23	1/2	2,681.81	1/2	3,069.31	1/2	3,456.81	1/2	3,844.32
3/4	379.93	3/4	761.86	3/4	1,139.46	3/4	1,527.08	3/4	1,914.69	3/4	2,302.31	3/4	2,689.88	3/4	3,077.38	3/4	3,464.89	3/4	3,852.39

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 10'-09" OFF CENTERLINE AND 50'-06" 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 103"

2 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 1/4"

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	3,860.46	0	4,247.97	0	4,634.29	0	5,006.15	0	5,358.31	0		0		0		0		0	
1/4	3,868.54	1/4	4,256.04	1/4	4,642.21	1/4	5,013.67	1/4	5,365.36	1/4		1/4		1/4		1/4		1/4	
1/2	3,876.61	1/2	4,264.11	1/2	4,650.13	1/2	5,021.19	1/2	5,372.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,884.68	3/4	4,272.19	3/4	4,658.06	3/4	5,028.70	3/4	5,379.47	3/4		3/4		3/4		3/4		3/4	
1	3,892.76	1	4,280.26	1	4,665.98	1	5,036.22	1	5,386.53	1		1		1		1		1	
1/4	3,900.83	1/4	4,288.33	1/4	4,673.87	1/4	5,043.71	1/4	5,394.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,908.90	1/2	4,296.41	1/2	4,681.77	1/2	5,051.19	1/2	5,401.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,916.97	3/4	4,304.48	3/4	4,689.66	3/4	5,058.68	3/4	5,408.99	3/4		3/4		3/4		3/4		3/4	
2	3,925.05	2	4,312.55	2	4,697.55	2	5,066.16	2	5,416.48	2		2		2		2		2	
1/4	3,933.12	1/4	4,320.62	1/4	4,705.42	1/4	5,073.62	1/4	5,424.42	1/4		1/4		1/4		1/4		1/4	
1/2	3,941.19	1/2	4,328.70	1/2	4,713.28	1/2	5,081.07	1/2	5,432.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,949.27	3/4	4,336.77	3/4	4,721.14	3/4	5,088.53	3/4	5,440.30	3/4		3/4		3/4		3/4		3/4	
3	3,957.34	3	4,344.84	3	4,729.00	3	5,095.99	3	5,448.24	3		3		3		3		3	
1/4	3,965.41	1/4	4,352.92	1/4	4,736.84	1/4	5,103.41	1/4	5,456.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,973.49	1/2	4,360.99	1/2	4,744.67	1/2	5,110.84	1/2	5,464.11	1/2		1/2		1/2		1/2		1/2	
3/4	3,981.56	3/4	4,369.06	3/4	4,752.50	3/4	5,118.26	3/4	5,472.05	3/4		3/4		3/4		3/4		3/4	
4	3,989.63	4	4,377.14	4	4,760.33	4	5,125.69	4	5,479.99	4		4		4		4		4	
1/4	3,997.70	1/4	4,385.21	1/4	4,768.13	1/4	5,133.08	1/4	5,487.53	1/4		1/4		1/4		1/4		1/4	
1/2	4,005.78	1/2	4,393.28	1/2	4,775.94	1/2	5,140.47	1/2	5,495.06	1/2		1/2		1/2		1/2		1/2	
3/4	4,013.85	3/4	4,401.35	3/4	4,783.74	3/4	5,147.87	3/4	5,502.60	3/4		3/4		3/4		3/4		3/4	
5	4,021.92	5	4,409.43	5	4,791.54	5	5,155.26	5	5,510.13	5		5		5		5		5	
1/4	4,030.00	1/4	4,417.50	1/4	4,799.31	1/4	5,162.63	1/4	5,516.46	1/4		1/4		1/4		1/4		1/4	
1/2	4,038.07	1/2	4,425.57	1/2	4,807.08	1/2	5,169.99	1/2	5,522.79	1/2		1/2		1/2		1/2		1/2	
3/4	4,046.14	3/4	4,433.65	3/4	4,814.85	3/4	5,177.35	3/4	5,529.11	3/4		3/4		3/4		3/4		3/4	
6	4,054.22	6	4,441.72	6	4,822.62	6	5,184.72	6	5,535.44	6		6		6		6		6	
1/4	4,062.29	1/4	4,449.79	1/4	4,830.36	1/4	5,192.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,070.36	1/2	4,457.87	1/2	4,838.10	1/2	5,199.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,078.43	3/4	4,465.94	3/4	4,845.84	3/4	5,206.72	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,086.51	7	4,474.01	7	4,853.58	7	5,214.05	7		7		7		7		7		7	
1/4	4,094.58	1/4	4,482.08	1/4	4,861.29	1/4	5,221.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,102.65	1/2	4,490.15	1/2	4,869.00	1/2	5,228.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,110.73	3/4	4,498.21	3/4	4,876.71	3/4	5,235.96	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,118.80	8	4,506.28	8	4,884.42	8	5,243.26	8		8		8		8		8		8	
1/4	4,126.87	1/4	4,514.33	1/4	4,892.10	1/4	5,250.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,134.95	1/2	4,522.37	1/2	4,899.78	1/2	5,257.80	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,143.02	3/4	4,530.42	3/4	4,907.46	3/4	5,265.08	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,151.09	9	4,538.47	9	4,915.14	9	5,272.35	9		9		9		9		9		9	
1/4	4,159.16	1/4	4,546.48	1/4	4,922.76	1/4	5,279.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,167.24	1/2	4,554.50	1/2	4,930.39	1/2	5,286.83	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,175.31	3/4	4,562.51	3/4	4,938.02	3/4	5,294.07	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,183.38	10	4,570.53	10	4,945.65	10	5,301.31	10		10		10		10		10		10	
1/4	4,191.46	1/4	4,578.51	1/4	4,953.23	1/4	5,308.48	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,199.53	1/2	4,586.50	1/2	4,960.81	1/2	5,315.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,207.60	3/4	4,594.48	3/4	4,968.38	3/4	5,322.80	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,215.68	11	4,602.47	11	4,975.96	11	5,329.97	11		11		11		11		11		11	
1/4	4,223.75	1/4	4,610.42	1/4	4,983.51	1/4	5,337.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,231.82	1/2	4,618.38	1/2	4,991.06	1/2	5,344.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,239.89	3/4	4,626.33	3/4	4,998.60	3/4	5,351.22	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2020 CL
CALCULATED: 11/02/2020 CL
PRINTED: 11/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "TMTB 103"

3 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-06 1/4"

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	12.97	0	362.11	0	723.40	0	1,084.17	0	1,445.43	0	1,806.71	0	2,167.99	0	2,529.01	0	2,889.95	0	3,250.88
1/4	17.99	1/4	369.64	1/4	730.91	1/4	1,091.67	1/4	1,452.96	1/4	1,814.24	1/4	2,175.52	1/4	2,536.53	1/4	2,897.47	1/4	3,258.40
1/2	23.02	1/2	377.18	1/2	738.42	1/2	1,099.18	1/2	1,460.48	1/2	1,821.76	1/2	2,183.05	1/2	2,544.05	1/2	2,904.99	1/2	3,265.92
3/4	28.04	3/4	384.71	3/4	745.94	3/4	1,106.69	3/4	1,468.01	3/4	1,829.29	3/4	2,190.57	3/4	2,551.57	3/4	2,912.51	3/4	3,273.44
1	33.06	1	392.25	1	753.45	1	1,114.19	1	1,475.54	1	1,836.82	1	2,198.10	1	2,559.09	1	2,920.02	1	3,280.96
1/4	39.97	1/4	399.78	1/4	760.96	1/4	1,121.70	1/4	1,483.06	1/4	1,844.34	1/4	2,205.63	1/4	2,566.61	1/4	2,927.54	1/4	3,288.48
1/2	46.88	1/2	407.32	1/2	768.48	1/2	1,129.21	1/2	1,490.59	1/2	1,851.87	1/2	2,213.15	1/2	2,574.13	1/2	2,935.06	1/2	3,296.00
3/4	53.79	3/4	414.85	3/4	775.99	3/4	1,136.72	3/4	1,498.12	3/4	1,859.40	3/4	2,220.68	3/4	2,581.65	3/4	2,942.58	3/4	3,303.52
2	60.69	2	422.39	2	783.50	2	1,144.22	2	1,505.64	2	1,866.92	2	2,228.21	2	2,589.17	2	2,950.10	2	3,311.04
1/4	68.23	1/4	429.92	1/4	791.01	1/4	1,151.74	1/4	1,513.17	1/4	1,874.45	1/4	2,235.73	1/4	2,596.69	1/4	2,957.62	1/4	3,318.56
1/2	75.76	1/2	437.46	1/2	798.53	1/2	1,159.26	1/2	1,520.70	1/2	1,881.98	1/2	2,243.26	1/2	2,604.21	1/2	2,965.14	1/2	3,326.08
3/4	83.30	3/4	444.99	3/4	806.04	3/4	1,166.79	3/4	1,528.22	3/4	1,889.50	3/4	2,250.78	3/4	2,611.73	3/4	2,972.66	3/4	3,333.60
3	90.83	3	452.53	3	813.55	3	1,174.31	3	1,535.75	3	1,897.03	3	2,258.31	3	2,619.24	3	2,980.18	3	3,341.12
1/4	98.37	1/4	460.07	1/4	821.08	1/4	1,181.84	1/4	1,543.28	1/4	1,904.56	1/4	2,265.83	1/4	2,626.76	1/4	2,987.70	1/4	3,348.64
1/2	105.90	1/2	467.60	1/2	828.60	1/2	1,189.37	1/2	1,550.80	1/2	1,912.08	1/2	2,273.35	1/2	2,634.28	1/2	2,995.22	1/2	3,356.16
3/4	113.44	3/4	475.14	3/4	836.12	3/4	1,196.91	3/4	1,558.33	3/4	1,919.61	3/4	2,280.87	3/4	2,641.80	3/4	3,002.74	3/4	3,363.68
4	120.98	4	482.67	4	843.65	4	1,204.44	4	1,565.86	4	1,927.14	4	2,288.39	4	2,649.32	4	3,010.26	4	3,371.19
1/4	128.51	1/4	490.21	1/4	851.18	1/4	1,211.98	1/4	1,573.38	1/4	1,934.66	1/4	2,295.91	1/4	2,656.84	1/4	3,017.78	1/4	3,378.72
1/2	136.05	1/2	497.74	1/2	858.72	1/2	1,219.51	1/2	1,580.91	1/2	1,942.19	1/2	2,303.43	1/2	2,664.36	1/2	3,025.30	1/2	3,386.25
3/4	143.58	3/4	505.28	3/4	866.26	3/4	1,227.04	3/4	1,588.44	3/4	1,949.72	3/4	2,310.95	3/4	2,671.88	3/4	3,032.82	3/4	3,393.78
5	151.12	5	512.81	5	873.79	5	1,234.58	5	1,595.96	5	1,957.24	5	2,318.46	5	2,679.40	5	3,040.34	5	3,401.31
1/4	158.65	1/4	520.35	1/4	881.33	1/4	1,242.11	1/4	1,603.49	1/4	1,964.77	1/4	2,325.98	1/4	2,686.92	1/4	3,047.86	1/4	3,408.84
1/2	166.19	1/2	527.88	1/2	888.86	1/2	1,249.65	1/2	1,611.02	1/2	1,972.30	1/2	2,333.50	1/2	2,694.44	1/2	3,055.38	1/2	3,416.38
3/4	173.72	3/4	535.42	3/4	896.40	3/4	1,257.18	3/4	1,618.54	3/4	1,979.82	3/4	2,341.02	3/4	2,701.96	3/4	3,062.90	3/4	3,423.92
6	181.26	6	542.95	6	903.93	6	1,264.71	6	1,626.07	6	1,987.35	6	2,348.54	6	2,709.48	6	3,070.41	6	3,431.45
1/4	188.79	1/4	550.49	1/4	911.45	1/4	1,272.25	1/4	1,633.60	1/4	1,994.88	1/4	2,356.06	1/4	2,717.00	1/4	3,077.93	1/4	3,438.99
1/2	196.33	1/2	558.02	1/2	918.98	1/2	1,279.78	1/2	1,641.12	1/2	2,002.40	1/2	2,363.58	1/2	2,724.52	1/2	3,085.45	1/2	3,446.52
3/4	203.86	3/4	565.56	3/4	926.50	3/4	1,287.32	3/4	1,648.65	3/4	2,009.93	3/4	2,371.10	3/4	2,732.04	3/4	3,092.97	3/4	3,454.06
7	211.40	7	573.09	7	934.02	7	1,294.85	7	1,656.18	7	2,017.46	7	2,378.62	7	2,739.56	7	3,100.49	7	3,461.59
1/4	218.93	1/4	580.62	1/4	941.53	1/4	1,302.38	1/4	1,663.70	1/4	2,024.98	1/4	2,386.14	1/4	2,747.08	1/4	3,108.01	1/4	3,469.13
1/2	226.47	1/2	588.14	1/2	949.03	1/2	1,309.92	1/2	1,671.23	1/2	2,032.51	1/2	2,393.66	1/2	2,754.60	1/2	3,115.53	1/2	3,476.67
3/4	234.01	3/4	595.67	3/4	956.54	3/4	1,317.45	3/4	1,678.76	3/4	2,040.04	3/4	2,401.18	3/4	2,762.12	3/4	3,123.05	3/4	3,484.20
8	241.54	8	603.19	8	964.05	8	1,324.99	8	1,686.28	8	2,047.57	8	2,408.70	8	2,769.63	8	3,130.57	8	3,491.74
1/4	249.08	1/4	610.70	1/4	971.56	1/4	1,332.52	1/4	1,693.81	1/4	2,055.09	1/4	2,416.22	1/4	2,777.15	1/4	3,138.09	1/4	3,499.27
1/2	256.61	1/2	618.22	1/2	979.06	1/2	1,340.05	1/2	1,701.34	1/2	2,062.62	1/2	2,423.74	1/2	2,784.67	1/2	3,145.61	1/2	3,506.81
3/4	264.15	3/4	625.73	3/4	986.57	3/4	1,347.58	3/4	1,708.86	3/4	2,070.15	3/4	2,431.26	3/4	2,792.19	3/4	3,153.13	3/4	3,514.34
9	271.68	9	633.24	9	994.08	9	1,355.11	9	1,716.39	9	2,077.67	9	2,438.78	9	2,799.71	9	3,160.65	9	3,521.88
1/4	279.22	1/4	640.76	1/4	1,001.58	1/4	1,362.64	1/4	1,723.92	1/4	2,085.20	1/4	2,446.30	1/4	2,807.23	1/4	3,168.17	1/4	3,529.41
1/2	286.75	1/2	648.27	1/2	1,009.09	1/2	1,370.16	1/2	1,731.44	1/2	2,092.73	1/2	2,453.82	1/2	2,814.75	1/2	3,175.69	1/2	3,536.95
3/4	294.29	3/4	655.78	3/4	1,016.60	3/4	1,377.69	3/4	1,738.97	3/4	2,100.25	3/4	2,461.34	3/4	2,822.27	3/4	3,183.21	3/4	3,544.49
10	301.82	10	663.29	10	1,024.11	10	1,385.22	10	1,746.50	10	2,107.78	10	2,468.85	10	2,829.79	10	3,190.73	10	3,552.02
1/4	308.37	1/4	670.81	1/4	1,031.61	1/4	1,392.74	1/4	1,754.02	1/4	2,115.31	1/4	2,476.37	1/4	2,837.31	1/4	3,198.25	1/4	3,559.56
1/2	314.92	1/2	678.32	1/2	1,039.12	1/2	1,400.27	1/2	1,761.55	1/2	2,122.83	1/2	2,483.89	1/2	2,844.83	1/2	3,205.77	1/2	3,567.09
3/4	323.44	3/4	685.83	3/4	1,046.63	3/4	1,407.80	3/4	1,769.08	3/4	2,130.36	3/4	2,491.41	3/4	2,852.35	3/4	3,213.29	3/4	3,574.63
11	331.97	11	693.35	11	1,054.14	11	1,415.32	11	1,776.60	11	2,137.89	11	2,498.93	11	2,859.87	11	3,220.80	11	3,582.16
1/4	339.50	1/4	700.86	1/4	1,061.64	1/4	1,422.85	1/4	1,784.13	1/4	2,145.41	1/4	2,506.45	1/4	2,867.39	1/4	3,228.32	1/4	3,589.70
1/2	347.04	1/2	708.37	1/2	1,069.15	1/2	1,430.38	1/2	1,791.66	1/2	2,152.94	1/2	2,513.97	1/2	2,874.91	1/2	3,235.84	1/2	3,597.23
3/4	354.57	3/4	715.88	3/4	1,076.66	3/4	1,437.90	3/4	1,799.18	3/4	2,160.47	3/4	2,521.49	3/4	2,882.43	3/4	3,243.36	3/4	3,604.77

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 10'-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 103"

3 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,612.31	0	3,883.30	0	4,149.54	0	4,405.42	0	4,646.27	0		0		0		0		0	
1/4	3,619.84	1/4	3,888.87	1/4	4,155.00	1/4	4,410.56	1/4	4,651.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,627.38	1/2	3,894.43	1/2	4,160.46	1/2	4,415.70	1/2	4,655.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.94	3/4	3,899.99	3/4	4,165.92	3/4	4,420.84	3/4	4,660.75	3/4		3/4		3/4		3/4		3/4	
1	3,638.50	1	3,905.56	1	4,171.38	1	4,425.98	1	4,665.58	1		1		1		1		1	
1/4	3,644.07	1/4	3,911.12	1/4	4,176.82	1/4	4,431.10	1/4	4,670.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,649.63	1/2	3,916.68	1/2	4,182.26	1/2	4,436.22	1/2	4,675.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,655.20	3/4	3,922.25	3/4	4,187.70	3/4	4,441.35	3/4	4,680.96	3/4		3/4		3/4		3/4		3/4	
2	3,660.76	2	3,927.81	2	4,193.14	2	4,446.47	2	4,686.09	2		2		2		2		2	
1/4	3,666.32	1/4	3,933.38	1/4	4,198.56	1/4	4,451.57	1/4	4,691.52	1/4		1/4		1/4		1/4		1/4	
1/2	3,671.89	1/2	3,938.94	1/2	4,203.98	1/2	4,456.66	1/2	4,696.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.45	3/4	3,944.50	3/4	4,209.40	3/4	4,461.76	3/4	4,702.40	3/4		3/4		3/4		3/4		3/4	
3	3,683.01	3	3,950.07	3	4,214.81	3	4,466.86	3	4,707.84	3		3		3		3		3	
1/4	3,688.58	1/4	3,955.63	1/4	4,220.21	1/4	4,471.94	1/4	4,713.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,694.14	1/2	3,961.19	1/2	4,225.61	1/2	4,477.02	1/2	4,718.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,699.70	3/4	3,966.76	3/4	4,231.01	3/4	4,482.10	3/4	4,724.15	3/4		3/4		3/4		3/4		3/4	
4	3,705.27	4	3,972.32	4	4,236.40	4	4,487.18	4	4,729.59	4		4		4		4		4	
1/4	3,710.83	1/4	3,977.88	1/4	4,241.78	1/4	4,492.23	1/4	4,734.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,716.39	1/2	3,983.45	1/2	4,247.16	1/2	4,497.29	1/2	4,739.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,721.96	3/4	3,989.01	3/4	4,252.53	3/4	4,502.35	3/4	4,744.77	3/4		3/4		3/4		3/4		3/4	
5	3,727.52	5	3,994.57	5	4,257.91	5	4,507.40	5	4,749.83	5		5		5		5		5	
1/4	3,733.09	1/4	4,000.14	1/4	4,263.26	1/4	4,512.44	1/4	4,753.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,738.65	1/2	4,005.70	1/2	4,268.62	1/2	4,517.48	1/2	4,757.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,744.21	3/4	4,011.27	3/4	4,273.97	3/4	4,522.51	3/4	4,761.61	3/4		3/4		3/4		3/4		3/4	
6	3,749.78	6	4,016.83	6	4,279.33	6	4,527.55	6	4,765.54	6		6		6		6		6	
1/4	3,755.34	1/4	4,022.39	1/4	4,284.66	1/4	4,532.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.90	1/2	4,027.96	1/2	4,290.00	1/2	4,537.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,766.47	3/4	4,033.52	3/4	4,295.33	3/4	4,542.59	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,772.03	7	4,039.08	7	4,300.66	7	4,547.61	7		7		7		7		7		7	
1/4	3,777.59	1/4	4,044.64	1/4	4,305.98	1/4	4,552.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,783.16	1/2	4,050.20	1/2	4,311.29	1/2	4,557.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,788.72	3/4	4,055.76	3/4	4,316.60	3/4	4,562.59	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,794.29	8	4,061.33	8	4,321.91	8	4,567.58	8		8		8		8		8		8	
1/4	3,799.85	1/4	4,066.87	1/4	4,327.20	1/4	4,572.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,805.41	1/2	4,072.42	1/2	4,332.50	1/2	4,577.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,810.98	3/4	4,077.96	3/4	4,337.79	3/4	4,582.50	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,816.54	9	4,083.51	9	4,343.08	9	4,587.47	9		9		9		9		9		9	
1/4	3,822.10	1/4	4,089.03	1/4	4,348.32	1/4	4,592.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,827.67	1/2	4,094.55	1/2	4,353.56	1/2	4,597.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,833.23	3/4	4,100.08	3/4	4,358.79	3/4	4,602.33	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,838.79	10	4,105.60	10	4,364.03	10	4,607.28	10		10		10		10		10		10	
1/4	3,844.36	1/4	4,111.10	1/4	4,369.21	1/4	4,612.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,849.92	1/2	4,116.61	1/2	4,374.40	1/2	4,617.08	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,855.48	3/4	4,122.11	3/4	4,379.58	3/4	4,621.98	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,861.05	11	4,127.61	11	4,384.77	11	4,626.88	11		11		11		11		11		11	
1/4	3,866.61	1/4	4,133.09	1/4	4,389.93	1/4	4,631.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,872.18	1/2	4,138.58	1/2	4,395.09	1/2	4,636.57	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,877.74	3/4	4,144.06	3/4	4,400.25	3/4	4,641.42	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2020 CL
CALCULATED: 11/02/2020 CL
PRINTED: 11/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "TMTB 103"

3 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 1/4"

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	12.96	0	361.60	0	716.91	0	1,068.93	0	1,429.74	0	1,790.54	0	2,148.07	0	2,508.20	0	2,868.60	0	3,229.05
1/4	17.98	1/4	369.12	1/4	724.11	1/4	1,076.45	1/4	1,437.26	1/4	1,798.06	1/4	2,155.51	1/4	2,515.71	1/4	2,876.11	1/4	3,236.56
1/2	23.00	1/2	376.64	1/2	731.32	1/2	1,083.96	1/2	1,444.77	1/2	1,805.57	1/2	2,162.95	1/2	2,523.22	1/2	2,883.62	1/2	3,244.07
3/4	28.03	3/4	384.16	3/4	738.53	3/4	1,091.48	3/4	1,452.29	3/4	1,813.09	3/4	2,170.39	3/4	2,530.72	3/4	2,891.13	3/4	3,251.58
1	33.05	1	391.68	1	745.73	1	1,099.00	1	1,459.81	1	1,820.61	1	2,177.83	1	2,538.23	1	2,898.64	1	3,259.09
1/4	39.95	1/4	399.20	1/4	752.94	1/4	1,106.52	1/4	1,467.32	1/4	1,828.08	1/4	2,185.31	1/4	2,545.74	1/4	2,906.15	1/4	3,266.60
1/2	46.86	1/2	406.72	1/2	760.14	1/2	1,114.03	1/2	1,474.84	1/2	1,835.56	1/2	2,192.79	1/2	2,553.25	1/2	2,913.66	1/2	3,274.11
3/4	53.76	3/4	414.24	3/4	767.35	3/4	1,121.55	3/4	1,482.36	3/4	1,843.04	3/4	2,200.27	3/4	2,560.75	3/4	2,921.17	3/4	3,281.62
2	60.66	2	421.76	2	774.56	2	1,129.07	2	1,489.87	2	1,850.52	2	2,207.75	2	2,568.26	2	2,928.68	2	3,289.13
1/4	68.19	1/4	429.28	1/4	781.76	1/4	1,136.58	1/4	1,497.39	1/4	1,857.96	1/4	2,215.27	1/4	2,575.77	1/4	2,936.19	1/4	3,296.64
1/2	75.73	1/2	436.80	1/2	788.97	1/2	1,144.10	1/2	1,504.91	1/2	1,865.39	1/2	2,222.78	1/2	2,583.27	1/2	2,943.70	1/2	3,304.15
3/4	83.26	3/4	444.32	3/4	796.18	3/4	1,151.62	3/4	1,512.42	3/4	1,872.83	3/4	2,230.30	3/4	2,590.78	3/4	2,951.21	3/4	3,311.66
3	90.79	3	451.84	3	803.38	3	1,159.13	3	1,519.94	3	1,880.27	3	2,237.81	3	2,598.29	3	2,958.72	3	3,319.17
1/4	98.32	1/4	459.36	1/4	810.60	1/4	1,166.65	1/4	1,527.46	1/4	1,887.71	1/4	2,245.33	1/4	2,605.80	1/4	2,966.23	1/4	3,326.68
1/2	105.85	1/2	466.88	1/2	817.83	1/2	1,174.17	1/2	1,534.97	1/2	1,895.15	1/2	2,252.84	1/2	2,613.30	1/2	2,973.73	1/2	3,334.19
3/4	113.39	3/4	474.40	3/4	825.05	3/4	1,181.68	3/4	1,542.49	3/4	1,902.59	3/4	2,260.35	3/4	2,620.81	3/4	2,981.24	3/4	3,341.70
4	120.92	4	481.92	4	832.27	4	1,189.20	4	1,550.01	4	1,910.03	4	2,267.86	4	2,628.32	4	2,988.75	4	3,349.20
1/4	128.45	1/4	489.44	1/4	839.51	1/4	1,196.72	1/4	1,557.52	1/4	1,917.47	1/4	2,275.38	1/4	2,635.82	1/4	2,996.26	1/4	3,356.72
1/2	135.97	1/2	496.96	1/2	846.75	1/2	1,204.24	1/2	1,565.04	1/2	1,924.91	1/2	2,282.89	1/2	2,643.33	1/2	3,003.77	1/2	3,364.23
3/4	143.50	3/4	504.48	3/4	853.99	3/4	1,211.75	3/4	1,572.56	3/4	1,932.35	3/4	2,290.40	3/4	2,650.84	3/4	3,011.28	3/4	3,371.75
5	151.03	5	512.00	5	861.23	5	1,219.27	5	1,580.07	5	1,939.78	5	2,297.92	5	2,658.35	5	3,018.79	5	3,379.26
1/4	158.55	1/4	519.52	1/4	868.47	1/4	1,226.79	1/4	1,587.59	1/4	1,947.22	1/4	2,305.43	1/4	2,665.85	1/4	3,026.30	1/4	3,386.78
1/2	166.08	1/2	527.04	1/2	875.71	1/2	1,234.30	1/2	1,595.11	1/2	1,954.66	1/2	2,312.94	1/2	2,673.36	1/2	3,033.81	1/2	3,394.30
3/4	173.60	3/4	534.56	3/4	882.95	3/4	1,241.82	3/4	1,602.62	3/4	1,962.10	3/4	2,320.45	3/4	2,680.87	3/4	3,041.32	3/4	3,401.81
6	181.12	6	542.08	6	890.19	6	1,249.34	6	1,610.14	6	1,969.54	6	2,327.97	6	2,688.38	6	3,048.83	6	3,409.33
1/4	188.64	1/4	549.60	1/4	897.43	1/4	1,256.85	1/4	1,617.66	1/4	1,976.98	1/4	2,335.48	1/4	2,695.89	1/4	3,056.34	1/4	3,416.85
1/2	196.16	1/2	557.12	1/2	904.67	1/2	1,264.37	1/2	1,625.17	1/2	1,984.42	1/2	2,342.99	1/2	2,703.40	1/2	3,063.85	1/2	3,424.37
3/4	203.68	3/4	564.64	3/4	911.91	3/4	1,271.89	3/4	1,632.69	3/4	1,991.86	3/4	2,350.50	3/4	2,710.91	3/4	3,071.36	3/4	3,431.89
7	211.20	7	572.16	7	919.15	7	1,279.40	7	1,640.21	7	1,999.30	7	2,358.02	7	2,718.42	7	3,078.87	7	3,439.41
1/4	218.72	1/4	579.52	1/4	926.53	1/4	1,286.92	1/4	1,647.72	1/4	2,006.73	1/4	2,365.53	1/4	2,725.92	1/4	3,086.38	1/4	3,446.93
1/2	226.24	1/2	586.88	1/2	933.90	1/2	1,294.44	1/2	1,655.24	1/2	2,014.17	1/2	2,373.04	1/2	2,733.43	1/2	3,093.89	1/2	3,454.45
3/4	233.76	3/4	594.25	3/4	941.28	3/4	1,301.96	3/4	1,662.76	3/4	2,021.61	3/4	2,380.55	3/4	2,740.94	3/4	3,101.39	3/4	3,461.98
8	241.28	8	601.61	8	948.66	8	1,309.47	8	1,670.27	8	2,029.05	8	2,388.07	8	2,748.45	8	3,108.90	8	3,469.50
1/4	248.80	1/4	608.81	1/4	956.18	1/4	1,316.99	1/4	1,677.79	1/4	2,036.49	1/4	2,395.58	1/4	2,755.96	1/4	3,116.41	1/4	3,477.03
1/2	256.32	1/2	616.02	1/2	963.69	1/2	1,324.51	1/2	1,685.31	1/2	2,043.93	1/2	2,403.09	1/2	2,763.47	1/2	3,123.92	1/2	3,484.56
3/4	263.84	3/4	623.23	3/4	971.21	3/4	1,332.02	3/4	1,692.82	3/4	2,051.37	3/4	2,410.60	3/4	2,770.98	3/4	3,131.43	3/4	3,492.09
9	271.36	9	630.43	9	978.73	9	1,339.54	9	1,700.34	9	2,058.81	9	2,418.11	9	2,778.49	9	3,138.94	9	3,499.62
1/4	278.88	1/4	637.64	1/4	986.25	1/4	1,347.06	1/4	1,707.86	1/4	2,066.25	1/4	2,425.62	1/4	2,786.00	1/4	3,146.45	1/4	3,507.15
1/2	286.40	1/2	644.85	1/2	993.76	1/2	1,354.57	1/2	1,715.37	1/2	2,073.68	1/2	2,433.13	1/2	2,793.51	1/2	3,153.96	1/2	3,514.68
3/4	293.92	3/4	652.05	3/4	1,001.28	3/4	1,362.09	3/4	1,722.89	3/4	2,081.12	3/4	2,440.64	3/4	2,801.02	3/4	3,161.47	3/4	3,522.21
10	301.44	10	659.26	10	1,008.80	10	1,369.61	10	1,730.41	10	2,088.56	10	2,448.14	10	2,808.53	10	3,168.98	10	3,529.74
1/4	308.96	1/4	666.46	1/4	1,016.31	1/4	1,377.12	1/4	1,737.92	1/4	2,096.00	1/4	2,455.65	1/4	2,816.04	1/4	3,176.49	1/4	3,537.27
1/2	316.48	1/2	673.67	1/2	1,023.83	1/2	1,384.64	1/2	1,745.44	1/2	2,103.44	1/2	2,463.16	1/2	2,823.55	1/2	3,184.00	1/2	3,544.80
3/4	324.00	3/4	680.88	3/4	1,031.35	3/4	1,392.16	3/4	1,752.96	3/4	2,110.88	3/4	2,470.67	3/4	2,831.06	3/4	3,191.51	3/4	3,552.33
11	331.52	11	688.08	11	1,038.86	11	1,399.67	11	1,760.47	11	2,118.32	11	2,478.17	11	2,838.57	11	3,199.02	11	3,559.86
1/4	339.04	1/4	695.29	1/4	1,046.38	1/4	1,407.19	1/4	1,767.99	1/4	2,125.76	1/4	2,485.68	1/4	2,846.07	1/4	3,206.53	1/4	3,567.39
1/2	346.56	1/2	702.49	1/2	1,053.90	1/2	1,414.71	1/2	1,775.51	1/2	2,133.20	1/2	2,493.19	1/2	2,853.58	1/2	3,214.04	1/2	3,574.92
3/4	354.08	3/4	709.70	3/4	1,061.41	3/4	1,422.22	3/4	1,783.02	3/4	2,140.63	3/4	2,500.69	3/4	2,861.09	3/4	3,221.54	3/4	3,582.45

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 10'-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 103"

3 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 1/4"

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	3,589.98	0	3,861.00	0	4,127.26	0	4,383.20	0	4,624.16	0		0		0		0		0	
1/4	3,596.53	1/4	3,866.56	1/4	4,132.73	1/4	4,388.35	1/4	4,628.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,603.08	1/2	3,872.13	1/2	4,138.19	1/2	4,393.49	1/2	4,633.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,609.63	3/4	3,877.69	3/4	4,143.65	3/4	4,398.63	3/4	4,638.65	3/4		3/4		3/4		3/4		3/4	
1	3,616.17	1	3,883.25	1	4,149.11	1	4,403.78	1	4,643.48	1		1		1		1		1	
1/4	3,621.74	1/4	3,888.82	1/4	4,154.55	1/4	4,408.90	1/4	4,648.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,627.30	1/2	3,894.38	1/2	4,159.99	1/2	4,414.02	1/2	4,653.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.87	3/4	3,899.95	3/4	4,165.43	3/4	4,419.14	3/4	4,658.87	3/4		3/4		3/4		3/4		3/4	
2	3,638.43	2	3,905.51	2	4,170.87	2	4,424.27	2	4,664.00	2		2		2		2		2	
1/4	3,643.99	1/4	3,911.08	1/4	4,176.29	1/4	4,429.37	1/4	4,669.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,649.56	1/2	3,916.64	1/2	4,181.71	1/2	4,434.47	1/2	4,674.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,655.12	3/4	3,922.20	3/4	4,187.13	3/4	4,439.57	3/4	4,680.31	3/4		3/4		3/4		3/4		3/4	
3	3,660.69	3	3,927.77	3	4,192.55	3	4,444.67	3	4,685.75	3		3		3		3		3	
1/4	3,666.25	1/4	3,933.33	1/4	4,197.95	1/4	4,449.75	1/4	4,691.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,671.81	1/2	3,938.90	1/2	4,203.35	1/2	4,454.83	1/2	4,696.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.38	3/4	3,944.46	3/4	4,208.74	3/4	4,459.91	3/4	4,702.07	3/4		3/4		3/4		3/4		3/4	
4	3,682.94	4	3,950.02	4	4,214.14	4	4,464.99	4	4,707.50	4		4		4		4		4	
1/4	3,688.51	1/4	3,955.59	1/4	4,219.52	1/4	4,470.05	1/4	4,712.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,694.07	1/2	3,961.15	1/2	4,224.90	1/2	4,475.11	1/2	4,717.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,699.64	3/4	3,966.72	3/4	4,230.27	3/4	4,480.17	3/4	4,722.69	3/4		3/4		3/4		3/4		3/4	
5	3,705.20	5	3,972.28	5	4,235.65	5	4,485.23	5	4,727.75	5		5		5		5		5	
1/4	3,710.76	1/4	3,977.85	1/4	4,241.01	1/4	4,490.27	1/4	4,731.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,716.33	1/2	3,983.41	1/2	4,246.36	1/2	4,495.31	1/2	4,735.62	1/2		1/2		1/2		1/2		1/2	
3/4	3,721.89	3/4	3,988.97	3/4	4,251.72	3/4	4,500.34	3/4	4,739.55	3/4		3/4		3/4		3/4		3/4	
6	3,727.46	6	3,994.54	6	4,257.08	6	4,505.38	6	4,743.49	6		6		6		6		6	
1/4	3,733.02	1/4	4,000.10	1/4	4,262.41	1/4	4,510.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.59	1/2	4,005.67	1/2	4,267.75	1/2	4,515.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,744.15	3/4	4,011.23	3/4	4,273.08	3/4	4,520.43	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,749.71	7	4,016.80	7	4,278.42	7	4,525.45	7		7		7		7		7		7	
1/4	3,755.28	1/4	4,022.36	1/4	4,283.73	1/4	4,530.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.84	1/2	4,027.92	1/2	4,289.04	1/2	4,535.44	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,766.41	3/4	4,033.48	3/4	4,294.36	3/4	4,540.44	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,771.97	8	4,039.04	8	4,299.67	8	4,545.44	8		8		8		8		8		8	
1/4	3,777.53	1/4	4,044.58	1/4	4,304.97	1/4	4,550.41	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,783.10	1/2	4,050.13	1/2	4,310.26	1/2	4,555.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,788.66	3/4	4,055.67	3/4	4,315.55	3/4	4,560.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,794.23	9	4,061.22	9	4,320.84	9	4,565.33	9		9		9		9		9		9	
1/4	3,799.79	1/4	4,066.75	1/4	4,326.08	1/4	4,570.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,805.36	1/2	4,072.27	1/2	4,331.32	1/2	4,575.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,810.92	3/4	4,077.79	3/4	4,336.56	3/4	4,580.20	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,816.48	10	4,083.32	10	4,341.80	10	4,585.15	10		10		10		10		10		10	
1/4	3,822.05	1/4	4,088.82	1/4	4,346.99	1/4	4,590.05	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,827.61	1/2	4,094.33	1/2	4,352.17	1/2	4,594.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,833.18	3/4	4,099.83	3/4	4,357.36	3/4	4,599.86	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,838.74	11	4,105.33	11	4,362.54	11	4,604.76	11		11		11		11		11		11	
1/4	3,844.30	1/4	4,110.82	1/4	4,367.71	1/4	4,609.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,849.87	1/2	4,116.30	1/2	4,372.87	1/2	4,614.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,855.43	3/4	4,121.78	3/4	4,378.04	3/4	4,619.31	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/02/2020 CL
CALCULATED: 11/02/2020 CL
PRINTED: 11/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "TMTB 103"

FUEL TANK

INNAGE TABLE GAUGE HEIGHT: 5'-03 3/4"

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	186	0	372	0	558	0	744	0		0		0		0		0	
1/4	4	1/4	190	1/4	376	1/4	562	1/4	748	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	194	1/2	380	1/2	566	1/2	752	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	198	3/4	384	3/4	570	3/4	756	3/4		3/4		3/4		3/4		3/4	
1	15	1	201	1	387	1	573	1	759	1		1		1		1		1	
1/4	19	1/4	205	1/4	391	1/4	577	1/4	763	1/4		1/4		1/4		1/4		1/4	
1/2	23	1/2	209	1/2	395	1/2	581	1/2	767	1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	213	3/4	399	3/4	585	3/4	771	3/4		3/4		3/4		3/4		3/4	
2	31	2	217	2	403	2	589	2	775	2		2		2		2		2	
1/4	35	1/4	221	1/4	407	1/4	593	1/4	779	1/4		1/4		1/4		1/4		1/4	
1/2	39	1/2	225	1/2	411	1/2	597	1/2	783	1/2		1/2		1/2		1/2		1/2	
3/4	43	3/4	229	3/4	415	3/4	601	3/4	787	3/4		3/4		3/4		3/4		3/4	
3	46	3	232	3	418	3	604	3	790	3		3		3		3		3	
1/4	50	1/4	236	1/4	422	1/4	608	1/4	794	1/4		1/4		1/4		1/4		1/4	
1/2	54	1/2	240	1/2	426	1/2	612	1/2	798	1/2		1/2		1/2		1/2		1/2	
3/4	58	3/4	244	3/4	430	3/4	616	3/4	802	3/4		3/4		3/4		3/4		3/4	
4	62	4	248	4	434	4	620	4	806	4		4		4		4		4	
1/4	66	1/4	252	1/4	438	1/4	624	1/4	810	1/4		1/4		1/4		1/4		1/4	
1/2	70	1/2	256	1/2	442	1/2	628	1/2	813	1/2		1/2		1/2		1/2		1/2	
3/4	74	3/4	260	3/4	446	3/4	632	3/4	817	3/4		3/4		3/4		3/4		3/4	
5	77	5	263	5	449	5	635	5	821	5		5		5		5		5	
1/4	81	1/4	267	1/4	453	1/4	639	1/4	825	1/4		1/4		1/4		1/4		1/4	
1/2	85	1/2	271	1/2	457	1/2	643	1/2	829	1/2		1/2		1/2		1/2		1/2	
3/4	89	3/4	275	3/4	461	3/4	647	3/4	833	3/4		3/4		3/4		3/4		3/4	
6	93	6	279	6	465	6	651	6	837	6		6		6		6		6	
1/4	97	1/4	283	1/4	469	1/4	655	1/4	840	1/4		1/4		1/4		1/4		1/4	
1/2	101	1/2	287	1/2	473	1/2	659	1/2	844	1/2		1/2		1/2		1/2		1/2	
3/4	105	3/4	291	3/4	477	3/4	663	3/4	848	3/4		3/4		3/4		3/4		3/4	
7	108	7	294	7	480	7	666	7	852	7		7		7		7		7	
1/4	112	1/4	298	1/4	484	1/4	670	1/4	856	1/4		1/4		1/4		1/4		1/4	
1/2	116	1/2	302	1/2	488	1/2	674	1/2	860	1/2		1/2		1/2		1/2		1/2	
3/4	120	3/4	306	3/4	492	3/4	678	3/4	863	3/4		3/4		3/4		3/4		3/4	
8	124	8	310	8	496	8	682	8	867	8		8		8		8		8	
1/4	128	1/4	314	1/4	500	1/4	686	1/4	871	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	318	1/2	504	1/2	690	1/2	875	1/2		1/2		1/2		1/2		1/2	
3/4	136	3/4	322	3/4	508	3/4	694	3/4	879	3/4		3/4		3/4		3/4		3/4	
9	139	9	325	9	511	9	697	9	883	9		9		9		9		9	
1/4	143	1/4	329	1/4	515	1/4	701	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	147	1/2	333	1/2	519	1/2	705	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	151	3/4	337	3/4	523	3/4	709	3/4		3/4		3/4		3/4		3/4		3/4	
10	155	10	341	10	527	10	713	10		10		10		10		10		10	
1/4	159	1/4	345	1/4	531	1/4	717	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	163	1/2	349	1/2	535	1/2	721	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	167	3/4	353	3/4	539	3/4	725	3/4		3/4		3/4		3/4		3/4		3/4	
11	170	11	356	11	542	11	728	11		11		11		11		11		11	
1/4	174	1/4	360	1/4	546	1/4	732	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	178	1/2	364	1/2	550	1/2	736	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	182	3/4	368	3/4	554	3/4	740	3/4		3/4		3/4		3/4		3/4		3/4	

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" PIPE.

STRAPPED: 11/02/2020 CL
CALCULATED: 11/02/2020 CL
PRINTED: 11/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2020

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 103"

PORT SLOP

CAPACITIES GIVEN IN WHOLE GALLONS

INNAGE TABLE
GAUGE HEIGHT: 5'-08 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,049	0	2,097	0	3,131	0	4,113	0		0		0		0		0	
1/4	22	1/4	1,071	1/4	2,119	1/4	3,152	1/4	4,133	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,092	1/2	2,141	1/2	3,173	1/2	4,152	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	1,114	3/4	2,163	3/4	3,194	3/4	4,172	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,136	1	2,185	1	3,215	1	4,192	1		1		1		1		1	
1/4	109	1/4	1,158	1/4	2,207	1/4	3,236	1/4	4,212	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	1,180	1/2	2,228	1/2	3,256	1/2	4,232	1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	1,202	3/4	2,250	3/4	3,277	3/4	4,252	3/4		3/4		3/4		3/4		3/4	
2	175	2	1,223	2	2,272	2	3,298	2	4,271	2		2		2		2		2	
1/4	197	1/4	1,245	1/4	2,294	1/4	3,319	1/4	4,291	1/4		1/4		1/4		1/4		1/4	
1/2	218	1/2	1,267	1/2	2,316	1/2	3,340	1/2	4,310	1/2		1/2		1/2		1/2		1/2	
3/4	240	3/4	1,289	3/4	2,338	3/4	3,360	3/4	4,330	3/4		3/4		3/4		3/4		3/4	
3	262	3	1,311	3	2,360	3	3,381	3	4,349	3		3		3		3		3	
1/4	284	1/4	1,333	1/4	2,381	1/4	3,402	1/4	4,368	1/4		1/4		1/4		1/4		1/4	
1/2	306	1/2	1,355	1/2	2,403	1/2	3,423	1/2	4,388	1/2		1/2		1/2		1/2		1/2	
3/4	328	3/4	1,376	3/4	2,425	3/4	3,443	3/4	4,407	3/4		3/4		3/4		3/4		3/4	
4	350	4	1,398	4	2,447	4	3,464	4	4,426	4		4		4		4		4	
1/4	371	1/4	1,420	1/4	2,468	1/4	3,485	1/4	4,445	1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	1,442	1/2	2,490	1/2	3,505	1/2	4,464	1/2		1/2		1/2		1/2		1/2	
3/4	415	3/4	1,464	3/4	2,512	3/4	3,526	3/4	4,484	3/4		3/4		3/4		3/4		3/4	
5	437	5	1,486	5	2,534	5	3,546	5	4,503	5		5		5		5		5	
1/4	459	1/4	1,507	1/4	2,555	1/4	3,567	1/4	4,522	1/4		1/4		1/4		1/4		1/4	
1/2	481	1/2	1,529	1/2	2,577	1/2	3,587	1/2	4,541	1/2		1/2		1/2		1/2		1/2	
3/4	502	3/4	1,551	3/4	2,598	3/4	3,608	3/4	4,560	3/4		3/4		3/4		3/4		3/4	
6	524	6	1,573	6	2,620	6	3,628	6	4,579	6		6		6		6		6	
1/4	546	1/4	1,595	1/4	2,641	1/4	3,649	1/4	4,598	1/4		1/4		1/4		1/4		1/4	
1/2	568	1/2	1,617	1/2	2,663	1/2	3,669	1/2	4,617	1/2		1/2		1/2		1/2		1/2	
3/4	590	3/4	1,639	3/4	2,685	3/4	3,690	3/4	4,636	3/4		3/4		3/4		3/4		3/4	
7	612	7	1,660	7	2,706	7	3,710	7	4,655	7		7		7		7		7	
1/4	634	1/4	1,682	1/4	2,727	1/4	3,730	1/4	4,673	1/4		1/4		1/4		1/4		1/4	
1/2	655	1/2	1,704	1/2	2,749	1/2	3,751	1/2	4,692	1/2		1/2		1/2		1/2		1/2	
3/4	677	3/4	1,726	3/4	2,770	3/4	3,771	3/4	4,711	3/4		3/4		3/4		3/4		3/4	
8	699	8	1,748	8	2,792	8	3,791	8	4,730	8		8		8		8		8	
1/4	721	1/4	1,770	1/4	2,813	1/4	3,812	1/4	4,749	1/4		1/4		1/4		1/4		1/4	
1/2	743	1/2	1,791	1/2	2,834	1/2	3,832	1/2	4,768	1/2		1/2		1/2		1/2		1/2	
3/4	765	3/4	1,813	3/4	2,856	3/4	3,852	3/4	4,787	3/4		3/4		3/4		3/4		3/4	
9	787	9	1,835	9	2,877	9	3,872	9	=====	9		9		9		9		9	
1/4	808	1/4	1,857	1/4	2,898	1/4	3,892	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	830	1/2	1,879	1/2	2,919	1/2	3,913	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	852	3/4	1,901	3/4	2,941	3/4	3,933	3/4		3/4		3/4		3/4		3/4		3/4	
10	874	10	1,923	10	2,962	10	3,953	10		10		10		10		10		10	
1/4	896	1/4	1,944	1/4	2,983	1/4	3,973	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	918	1/2	1,966	1/2	3,004	1/2	3,993	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	939	3/4	1,988	3/4	3,025	3/4	4,013	3/4		3/4		3/4		3/4		3/4		3/4	
11	961	11	2,010	11	3,047	11	4,033	11		11		11		11		11		11	
1/4	983	1/4	2,032	1/4	3,068	1/4	4,053	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,005	1/2	2,054	1/2	3,089	1/2	4,073	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,027	3/4	2,076	3/4	3,110	3/4	4,093	3/4		3/4		3/4		3/4		3/4		3/4	

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

P. Mac



BARGE "TMTB 103"

STBD SLOP

CAPACITIES GIVEN IN WHOLE GALLONS

INNAGE TABLE
GAUGE HEIGHT: 5'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,061	0	2,123	0	3,169	0	4,163	0		0		0		0		0	
1/4	22	1/4	1,084	1/4	2,145	1/4	3,190	1/4	4,183	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,106	1/2	2,167	1/2	3,211	1/2	4,203	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	1,128	3/4	2,189	3/4	3,233	3/4	4,223	3/4		3/4		3/4		3/4		3/4	
1	88	1	1,150	1	2,211	1	3,254	1	4,243	1		1		1		1		1	
1/4	111	1/4	1,172	1/4	2,234	1/4	3,275	1/4	4,263	1/4		1/4		1/4		1/4		1/4	
1/2	133	1/2	1,194	1/2	2,256	1/2	3,296	1/2	4,283	1/2		1/2		1/2		1/2		1/2	
3/4	155	3/4	1,216	3/4	2,278	3/4	3,317	3/4	4,303	3/4		3/4		3/4		3/4		3/4	
2	177	2	1,238	2	2,300	2	3,338	2	4,323	2		2		2		2		2	
1/4	199	1/4	1,261	1/4	2,322	1/4	3,359	1/4	4,343	1/4		1/4		1/4		1/4		1/4	
1/2	221	1/2	1,283	1/2	2,344	1/2	3,380	1/2	4,363	1/2		1/2		1/2		1/2		1/2	
3/4	243	3/4	1,305	3/4	2,366	3/4	3,402	3/4	4,383	3/4		3/4		3/4		3/4		3/4	
3	265	3	1,327	3	2,388	3	3,423	3	4,402	3		3		3		3		3	
1/4	287	1/4	1,349	1/4	2,410	1/4	3,444	1/4	4,422	1/4		1/4		1/4		1/4		1/4	
1/2	310	1/2	1,371	1/2	2,433	1/2	3,464	1/2	4,441	1/2		1/2		1/2		1/2		1/2	
3/4	332	3/4	1,393	3/4	2,455	3/4	3,485	3/4	4,461	3/4		3/4		3/4		3/4		3/4	
4	354	4	1,415	4	2,477	4	3,506	4	4,480	4		4		4		4		4	
1/4	376	1/4	1,437	1/4	2,499	1/4	3,527	1/4	4,500	1/4		1/4		1/4		1/4		1/4	
1/2	398	1/2	1,460	1/2	2,521	1/2	3,548	1/2	4,519	1/2		1/2		1/2		1/2		1/2	
3/4	420	3/4	1,482	3/4	2,543	3/4	3,569	3/4	4,538	3/4		3/4		3/4		3/4		3/4	
5	442	5	1,504	5	2,564	5	3,590	5	4,558	5		5		5		5		5	
1/4	464	1/4	1,526	1/4	2,586	1/4	3,610	1/4	4,577	1/4		1/4		1/4		1/4		1/4	
1/2	487	1/2	1,548	1/2	2,608	1/2	3,631	1/2	4,596	1/2		1/2		1/2		1/2		1/2	
3/4	509	3/4	1,570	3/4	2,630	3/4	3,652	3/4	4,615	3/4		3/4		3/4		3/4		3/4	
6	531	6	1,592	6	2,652	6	3,673	6	4,635	6		6		6		6		6	
1/4	553	1/4	1,614	1/4	2,674	1/4	3,693	1/4	4,654	1/4		1/4		1/4		1/4		1/4	
1/2	575	1/2	1,636	1/2	2,696	1/2	3,714	1/2	4,673	1/2		1/2		1/2		1/2		1/2	
3/4	597	3/4	1,659	3/4	2,717	3/4	3,735	3/4	4,692	3/4		3/4		3/4		3/4		3/4	
7	619	7	1,681	7	2,739	7	3,755	7	4,711	7		7		7		7		7	
1/4	641	1/4	1,703	1/4	2,761	1/4	3,776	1/4	4,731	1/4		1/4		1/4		1/4		1/4	
1/2	663	1/2	1,725	1/2	2,782	1/2	3,797	1/2	4,750	1/2		1/2		1/2		1/2		1/2	
3/4	686	3/4	1,747	3/4	2,804	3/4	3,817	3/4	4,769	3/4		3/4		3/4		3/4		3/4	
8	708	8	1,769	8	2,826	8	3,838	8	4,788	8		8		8		8		8	
1/4	730	1/4	1,791	1/4	2,847	1/4	3,858	1/4	4,807	1/4		1/4		1/4		1/4		1/4	
1/2	752	1/2	1,813	1/2	2,869	1/2	3,879	1/2	4,826	1/2		1/2		1/2		1/2		1/2	
3/4	774	3/4	1,835	3/4	2,891	3/4	3,899	3/4	4,845	3/4		3/4		3/4		3/4		3/4	
9	796	9	1,858	9	2,912	9	3,920	9	=====	9		9		9		9		9	
1/4	818	1/4	1,880	1/4	2,934	1/4	3,940	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	840	1/2	1,902	1/2	2,955	1/2	3,960	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	862	3/4	1,924	3/4	2,977	3/4	3,981	3/4		3/4		3/4		3/4		3/4		3/4	
10	885	10	1,946	10	2,998	10	4,001	10		10		10		10		10		10	
1/4	907	1/4	1,968	1/4	3,020	1/4	4,021	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	929	1/2	1,990	1/2	3,041	1/2	4,042	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	951	3/4	2,012	3/4	3,062	3/4	4,062	3/4		3/4		3/4		3/4		3/4		3/4	
11	973	11	2,035	11	3,084	11	4,082	11		11		11		11		11		11	
1/4	995	1/4	2,057	1/4	3,105	1/4	4,102	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,017	1/2	2,079	1/2	3,126	1/2	4,123	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,039	3/4	2,101	3/4	3,148	3/4	4,143	3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
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