



BARGE "TMTB 101"

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	- 01-0/8	01-0/8	- 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	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
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 INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-01"

LENGTH BETWEEN DRAFT MARKS: 236'-00"

August 17, 2020

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



BARGE "TMTB 101"

1 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-06"

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	10.19	0	259.71	0	540.53	0	843.41	0	1,167.85	0	1,498.51	0	1,829.16	0	2,159.78	0	2,490.32	0	2,820.87
1/4	13.52	1/4	265.35	1/4	546.61	1/4	849.97	1/4	1,174.74	1/4	1,505.39	1/4	1,836.05	1/4	2,166.66	1/4	2,497.21	1/4	2,827.76
1/2	16.85	1/2	271.00	1/2	552.69	1/2	856.54	1/2	1,181.63	1/2	1,512.28	1/2	1,842.94	1/2	2,173.55	1/2	2,504.10	1/2	2,834.64
3/4	20.18	3/4	276.65	3/4	558.78	3/4	863.10	3/4	1,188.51	3/4	1,519.17	3/4	1,849.83	3/4	2,180.44	3/4	2,510.98	3/4	2,841.53
1	23.51	1	282.30	1	564.86	1	869.67	1	1,195.40	1	1,526.06	1	1,856.72	1	2,187.32	1	2,517.87	1	2,848.42
1/4	28.17	1/4	287.99	1/4	570.98	1/4	876.27	1/4	1,202.29	1/4	1,532.95	1/4	1,863.61	1/4	2,194.21	1/4	2,524.76	1/4	2,855.30
1/2	32.82	1/2	293.68	1/2	577.11	1/2	882.87	1/2	1,209.18	1/2	1,539.84	1/2	1,870.50	1/2	2,201.09	1/2	2,531.64	1/2	2,862.19
3/4	37.48	3/4	299.36	3/4	583.23	3/4	889.47	3/4	1,216.07	3/4	1,546.73	3/4	1,877.38	3/4	2,207.98	3/4	2,538.53	3/4	2,869.08
2	42.13	2	305.05	2	589.35	2	896.08	2	1,222.96	2	1,553.62	2	1,884.27	2	2,214.87	2	2,545.41	2	2,875.96
1/4	47.40	1/4	310.78	1/4	595.51	1/4	902.72	1/4	1,229.85	1/4	1,560.50	1/4	1,891.16	1/4	2,221.75	1/4	2,552.30	1/4	2,882.85
1/2	52.67	1/2	316.50	1/2	601.67	1/2	909.36	1/2	1,236.74	1/2	1,567.39	1/2	1,898.05	1/2	2,228.64	1/2	2,559.19	1/2	2,889.73
3/4	57.94	3/4	322.23	3/4	607.83	3/4	916.00	3/4	1,243.62	3/4	1,574.28	3/4	1,904.94	3/4	2,235.53	3/4	2,566.07	3/4	2,896.62
3	63.20	3	327.95	3	613.99	3	922.64	3	1,250.51	3	1,581.17	3	1,911.83	3	2,242.41	3	2,572.96	3	2,903.51
1/4	68.51	1/4	333.72	1/4	620.20	1/4	929.32	1/4	1,257.40	1/4	1,588.06	1/4	1,918.72	1/4	2,249.30	1/4	2,579.85	1/4	2,910.39
1/2	73.82	1/2	339.48	1/2	626.41	1/2	936.00	1/2	1,264.29	1/2	1,594.95	1/2	1,925.61	1/2	2,256.19	1/2	2,586.73	1/2	2,917.28
3/4	79.12	3/4	345.24	3/4	632.62	3/4	942.68	3/4	1,271.18	3/4	1,601.84	3/4	1,932.49	3/4	2,263.07	3/4	2,593.62	3/4	2,924.17
4	84.43	4	351.01	4	638.83	4	949.35	4	1,278.07	4	1,608.72	4	1,939.38	4	2,269.96	4	2,600.51	4	2,931.05
1/4	89.77	1/4	356.81	1/4	645.09	1/4	956.07	1/4	1,284.96	1/4	1,615.61	1/4	1,946.27	1/4	2,276.84	1/4	2,607.39	1/4	2,937.94
1/2	95.11	1/2	362.61	1/2	651.35	1/2	962.79	1/2	1,291.84	1/2	1,622.50	1/2	1,953.16	1/2	2,283.73	1/2	2,614.28	1/2	2,944.83
3/4	100.46	3/4	368.41	3/4	657.61	3/4	969.51	3/4	1,298.73	3/4	1,629.39	3/4	1,960.05	3/4	2,290.62	3/4	2,621.16	3/4	2,951.71
5	105.80	5	374.21	5	663.87	5	976.22	5	1,305.62	5	1,636.28	5	1,966.94	5	2,297.50	5	2,628.05	5	2,958.60
1/4	111.18	1/4	380.05	1/4	670.17	1/4	982.98	1/4	1,312.51	1/4	1,643.17	1/4	1,973.83	1/4	2,304.39	1/4	2,634.94	1/4	2,965.48
1/2	116.57	1/2	385.89	1/2	676.47	1/2	989.73	1/2	1,319.40	1/2	1,650.06	1/2	1,980.71	1/2	2,311.28	1/2	2,641.82	1/2	2,972.37
3/4	121.95	3/4	391.73	3/4	682.76	3/4	996.49	3/4	1,326.29	3/4	1,656.95	3/4	1,987.60	3/4	2,318.16	3/4	2,648.71	3/4	2,979.26
6	127.33	6	397.57	6	689.06	6	1,003.24	6	1,333.18	6	1,663.83	6	1,994.49	6	2,325.05	6	2,655.60	6	2,986.14
1/4	132.75	1/4	403.45	1/4	695.40	1/4	1,010.04	1/4	1,340.07	1/4	1,670.72	1/4	2,001.38	1/4	2,331.94	1/4	2,662.48	1/4	2,993.03
1/2	138.17	1/2	409.33	1/2	701.73	1/2	1,016.83	1/2	1,346.95	1/2	1,677.61	1/2	2,008.27	1/2	2,338.82	1/2	2,669.37	1/2	2,999.92
3/4	143.59	3/4	415.21	3/4	708.07	3/4	1,023.62	3/4	1,353.84	3/4	1,684.50	3/4	2,015.16	3/4	2,345.71	3/4	2,676.26	3/4	3,006.80
7	149.01	7	421.08	7	714.40	7	1,030.42	7	1,360.73	7	1,691.39	7	2,022.05	7	2,352.60	7	2,683.14	7	3,013.69
1/4	154.47	1/4	426.99	1/4	720.78	1/4	1,037.25	1/4	1,367.62	1/4	1,698.28	1/4	2,028.93	1/4	2,359.48	1/4	2,690.03	1/4	3,020.58
1/2	159.93	1/2	432.89	1/2	727.15	1/2	1,044.08	1/2	1,374.51	1/2	1,705.17	1/2	2,035.82	1/2	2,366.37	1/2	2,696.92	1/2	3,027.46
3/4	165.39	3/4	438.80	3/4	733.53	3/4	1,050.91	3/4	1,381.40	3/4	1,712.06	3/4	2,042.71	3/4	2,373.25	3/4	2,703.80	3/4	3,034.35
8	170.85	8	444.70	8	739.90	8	1,057.74	8	1,388.29	8	1,718.94	8	2,049.59	8	2,380.14	8	2,710.69	8	3,041.24
1/4	176.34	1/4	450.63	1/4	746.31	1/4	1,064.61	1/4	1,395.18	1/4	1,725.83	1/4	2,056.48	1/4	2,387.03	1/4	2,717.57	1/4	3,048.12
1/2	181.84	1/2	456.57	1/2	752.72	1/2	1,071.47	1/2	1,402.06	1/2	1,732.72	1/2	2,063.37	1/2	2,393.91	1/2	2,724.46	1/2	3,055.01
3/4	187.34	3/4	462.50	3/4	759.14	3/4	1,078.34	3/4	1,408.95	3/4	1,739.61	3/4	2,070.25	3/4	2,400.80	3/4	2,731.35	3/4	3,061.89
9	192.83	9	468.43	9	765.55	9	1,085.20	9	1,415.84	9	1,746.50	9	2,077.14	9	2,407.69	9	2,738.23	9	3,068.78
1/4	198.37	1/4	474.40	1/4	772.00	1/4	1,092.09	1/4	1,422.73	1/4	1,753.39	1/4	2,084.03	1/4	2,414.57	1/4	2,745.12	1/4	3,075.67
1/2	203.90	1/2	480.37	1/2	778.45	1/2	1,098.97	1/2	1,429.62	1/2	1,760.28	1/2	2,090.91	1/2	2,421.46	1/2	2,752.01	1/2	3,082.55
3/4	209.44	3/4	486.34	3/4	784.90	3/4	1,105.85	3/4	1,436.51	3/4	1,767.16	3/4	2,097.80	3/4	2,428.35	3/4	2,758.89	3/4	3,089.44
10	214.97	10	492.31	10	791.35	10	1,112.74	10	1,443.40	10	1,774.05	10	2,104.68	10	2,435.23	10	2,765.78	10	3,096.33
1/4	220.54	1/4	498.32	1/4	797.84	1/4	1,119.63	1/4	1,450.28	1/4	1,780.94	1/4	2,111.57	1/4	2,442.12	1/4	2,772.67	1/4	3,103.21
1/2	226.12	1/2	504.32	1/2	804.33	1/2	1,126.52	1/2	1,457.17	1/2	1,787.83	1/2	2,118.46	1/2	2,449.00	1/2	2,779.55	1/2	3,110.10
3/4	231.69	3/4	510.33	3/4	810.81	3/4	1,133.40	3/4	1,464.06	3/4	1,794.72	3/4	2,125.34	3/4	2,455.89	3/4	2,786.44	3/4	3,116.99
11	237.26	11	516.34	11	817.30	11	1,140.29	11	1,470.95	11	1,801.61	11	2,132.23	11	2,462.78	11	2,793.32	11	3,123.87
1/4	242.87	1/4	522.39	1/4	823.83	1/4	1,147.18	1/4	1,477.84	1/4	1,808.50	1/4	2,139.12	1/4	2,469.66	1/4	2,800.21	1/4	3,130.76
1/2	248.48	1/2	528.43	1/2	830.35	1/2	1,154.07	1/2	1,484.73	1/2	1,815.39	1/2	2,146.00	1/2	2,476.55	1/2	2,807.10	1/2	3,137.64
3/4	254.09	3/4	534.48	3/4	836.88	3/4	1,160.96	3/4	1,491.62	3/4	1,822.27	3/4	2,152.89	3/4	2,483.44	3/4	2,813.98	3/4	3,144.53

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'-02 3/4" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "TMTB 101"

1 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 15'-06"

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	3,151.42	0	3,481.96	0	3,811.50	0	4,128.62	0	4,428.58	0		0		0		0		0	
1/4	3,158.30	1/4	3,488.85	1/4	3,818.26	1/4	4,135.02	1/4	4,434.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,165.19	1/2	3,495.74	1/2	3,825.02	1/2	4,141.43	1/2	4,440.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,172.08	3/4	3,502.62	3/4	3,831.77	3/4	4,147.83	3/4	4,446.57	3/4		3/4		3/4		3/4		3/4	
1	3,178.96	1	3,509.51	1	3,838.53	1	4,154.24	1	4,452.56	1		1		1		1		1	
1/4	3,185.85	1/4	3,516.40	1/4	3,845.27	1/4	4,160.61	1/4	4,458.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,192.74	1/2	3,523.28	1/2	3,852.00	1/2	4,166.99	1/2	4,465.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,199.62	3/4	3,530.17	3/4	3,858.73	3/4	4,173.37	3/4	4,471.66	3/4		3/4		3/4		3/4		3/4	
2	3,206.51	2	3,537.06	2	3,865.46	2	4,179.75	2	4,478.03	2		2		2		2		2	
1/4	3,213.40	1/4	3,543.94	1/4	3,872.17	1/4	4,186.10	1/4	4,484.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,220.28	1/2	3,550.83	1/2	3,878.88	1/2	4,192.46	1/2	4,491.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,227.17	3/4	3,557.72	3/4	3,885.58	3/4	4,198.81	3/4	4,498.29	3/4		3/4		3/4		3/4		3/4	
3	3,234.05	3	3,564.60	3	3,892.29	3	4,205.16	3	4,505.04	3		3		3		3		3	
1/4	3,240.94	1/4	3,571.49	1/4	3,898.97	1/4	4,211.49	1/4	4,511.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,247.83	1/2	3,578.37	1/2	3,905.65	1/2	4,217.82	1/2	4,518.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,254.71	3/4	3,585.26	3/4	3,912.33	3/4	4,224.14	3/4	4,525.29	3/4		3/4		3/4		3/4		3/4	
4	3,261.60	4	3,592.15	4	3,919.01	4	4,230.47	4	4,532.04	4		4		4		4		4	
1/4	3,268.49	1/4	3,599.03	1/4	3,925.67	1/4	4,236.77	1/4	4,538.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,275.37	1/2	3,605.92	1/2	3,932.32	1/2	4,243.07	1/2	4,544.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,282.26	3/4	3,612.81	3/4	3,938.97	3/4	4,249.37	3/4	4,551.27	3/4		3/4		3/4		3/4		3/4	
5	3,289.15	5	3,619.69	5	3,945.63	5	4,255.67	5	4,557.67	5		5		5		5		5	
1/4	3,296.03	1/4	3,626.58	1/4	3,952.26	1/4	4,261.94	1/4	4,563.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,302.92	1/2	3,633.47	1/2	3,958.88	1/2	4,268.22	1/2	4,568.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,309.80	3/4	3,640.35	3/4	3,965.51	3/4	4,274.49	3/4	4,573.80	3/4		3/4		3/4		3/4		3/4	
6	3,316.69	6	3,647.24	6	3,972.14	6	4,280.77	6	4,579.18	6		6		6		6		6	
1/4	3,323.58	1/4	3,654.12	1/4	3,978.74	1/4	4,287.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,330.46	1/2	3,661.01	1/2	3,985.34	1/2	4,293.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,337.35	3/4	3,667.90	3/4	3,991.95	3/4	4,299.51	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,344.24	7	3,674.78	7	3,998.55	7	4,305.76	7		7		7		7		7		7	
1/4	3,351.12	1/4	3,681.67	1/4	4,005.12	1/4	4,311.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,358.01	1/2	3,688.55	1/2	4,011.70	1/2	4,318.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,364.90	3/4	3,695.43	3/4	4,018.27	3/4	4,324.42	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,371.78	8	3,702.31	8	4,024.85	8	4,330.65	8		8		8		8		8		8	
1/4	3,378.67	1/4	3,709.17	1/4	4,031.40	1/4	4,336.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,385.56	1/2	3,716.04	1/2	4,037.95	1/2	4,343.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,392.44	3/4	3,722.90	3/4	4,044.50	3/4	4,349.23	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,399.33	9	3,729.76	9	4,051.05	9	4,355.43	9		9		9		9		9		9	
1/4	3,406.21	1/4	3,736.60	1/4	4,057.55	1/4	4,361.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,413.10	1/2	3,743.44	1/2	4,064.06	1/2	4,367.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,419.99	3/4	3,750.28	3/4	4,070.56	3/4	4,373.94	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,426.87	10	3,757.11	10	4,077.06	10	4,380.11	10		10		10		10		10		10	
1/4	3,433.76	1/4	3,763.92	1/4	4,083.52	1/4	4,386.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,440.65	1/2	3,770.74	1/2	4,089.98	1/2	4,392.30	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,447.53	3/4	3,777.55	3/4	4,096.43	3/4	4,398.39	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,454.42	11	3,784.36	11	4,102.89	11	4,404.49	11		11		11		11		11		11	
1/4	3,461.31	1/4	3,791.14	1/4	4,109.32	1/4	4,410.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,468.19	1/2	3,797.93	1/2	4,115.75	1/2	4,416.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,475.08	3/4	3,804.71	3/4	4,122.18	3/4	4,422.56	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2020 JS
CALCULATED: 08/17/2020 CL
PRINTED: 08/18/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2020

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



BARGE "TMTB 101"

1 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	10.20	0	260.01	0	540.69	0	843.13	0	1,167.88	0	1,498.84	0	1,829.80	0	2,160.72	0	2,491.57	0	2,822.42
1/4	13.54	1/4	265.66	1/4	546.75	1/4	849.70	1/4	1,174.77	1/4	1,505.73	1/4	1,836.69	1/4	2,167.61	1/4	2,498.46	1/4	2,829.31
1/2	16.87	1/2	271.32	1/2	552.82	1/2	856.28	1/2	1,181.67	1/2	1,512.63	1/2	1,843.59	1/2	2,174.50	1/2	2,505.35	1/2	2,836.20
3/4	20.20	3/4	276.98	3/4	558.89	3/4	862.85	3/4	1,188.56	3/4	1,519.52	3/4	1,850.48	3/4	2,181.39	3/4	2,512.24	3/4	2,843.09
1	23.54	1	282.63	1	564.95	1	869.42	1	1,195.46	1	1,526.42	1	1,857.38	1	2,188.29	1	2,519.14	1	2,849.99
1/4	28.20	1/4	288.32	1/4	571.06	1/4	876.03	1/4	1,202.35	1/4	1,533.31	1/4	1,864.27	1/4	2,195.18	1/4	2,526.03	1/4	2,856.88
1/2	32.86	1/2	294.02	1/2	577.16	1/2	882.64	1/2	1,209.25	1/2	1,540.21	1/2	1,871.17	1/2	2,202.07	1/2	2,532.92	1/2	2,863.77
3/4	37.52	3/4	299.71	3/4	583.26	3/4	889.24	3/4	1,216.14	3/4	1,547.10	3/4	1,878.06	3/4	2,208.97	3/4	2,539.81	3/4	2,870.66
2	42.18	2	305.40	2	589.37	2	895.85	2	1,223.04	2	1,554.00	2	1,884.96	2	2,215.86	2	2,546.71	2	2,877.56
1/4	47.46	1/4	311.14	1/4	595.51	1/4	902.50	1/4	1,229.93	1/4	1,560.89	1/4	1,891.85	1/4	2,222.75	1/4	2,553.60	1/4	2,884.45
1/2	52.73	1/2	316.87	1/2	601.65	1/2	909.15	1/2	1,236.83	1/2	1,567.79	1/2	1,898.75	1/2	2,229.64	1/2	2,560.49	1/2	2,891.34
3/4	58.01	3/4	322.60	3/4	607.79	3/4	915.79	3/4	1,243.72	3/4	1,574.68	3/4	1,905.64	3/4	2,236.54	3/4	2,567.39	3/4	2,898.24
3	63.28	3	328.33	3	613.94	3	922.44	3	1,250.62	3	1,581.58	3	1,912.54	3	2,243.43	3	2,574.28	3	2,905.13
1/4	68.59	1/4	334.10	1/4	620.13	1/4	929.13	1/4	1,257.51	1/4	1,588.47	1/4	1,919.43	1/4	2,250.32	1/4	2,581.17	1/4	2,912.02
1/2	73.90	1/2	339.87	1/2	626.32	1/2	935.81	1/2	1,264.41	1/2	1,595.37	1/2	1,926.33	1/2	2,257.21	1/2	2,588.06	1/2	2,918.91
3/4	79.22	3/4	345.64	3/4	632.51	3/4	942.50	3/4	1,271.30	3/4	1,602.26	3/4	1,933.22	3/4	2,264.11	3/4	2,594.96	3/4	2,925.81
4	84.53	4	351.41	4	638.70	4	949.18	4	1,278.20	4	1,609.16	4	1,940.12	4	2,271.00	4	2,601.85	4	2,932.70
1/4	89.88	1/4	357.22	1/4	644.94	1/4	955.91	1/4	1,285.09	1/4	1,616.05	1/4	1,947.01	1/4	2,277.89	1/4	2,608.74	1/4	2,939.59
1/2	95.23	1/2	363.03	1/2	651.19	1/2	962.63	1/2	1,291.99	1/2	1,622.95	1/2	1,953.91	1/2	2,284.79	1/2	2,615.63	1/2	2,946.48
3/4	100.58	3/4	368.83	3/4	657.43	3/4	969.35	3/4	1,298.88	3/4	1,629.84	3/4	1,960.80	3/4	2,291.68	3/4	2,622.53	3/4	2,953.38
5	105.93	5	374.64	5	663.67	5	976.08	5	1,305.78	5	1,636.74	5	1,967.70	5	2,298.57	5	2,629.42	5	2,960.27
1/4	111.32	1/4	380.49	1/4	669.95	1/4	982.84	1/4	1,312.67	1/4	1,643.63	1/4	1,974.59	1/4	2,305.46	1/4	2,636.31	1/4	2,967.16
1/2	116.71	1/2	386.33	1/2	676.23	1/2	989.60	1/2	1,319.57	1/2	1,650.53	1/2	1,981.49	1/2	2,312.36	1/2	2,643.21	1/2	2,974.06
3/4	122.09	3/4	392.18	3/4	682.51	3/4	996.36	3/4	1,326.46	3/4	1,657.42	3/4	1,988.38	3/4	2,319.25	3/4	2,650.10	3/4	2,980.95
6	127.48	6	398.03	6	688.78	6	1,003.12	6	1,333.36	6	1,664.32	6	1,995.28	6	2,326.14	6	2,656.99	6	2,987.84
1/4	132.91	1/4	403.91	1/4	695.10	1/4	1,009.92	1/4	1,340.25	1/4	1,671.21	1/4	2,002.17	1/4	2,333.03	1/4	2,663.88	1/4	2,994.73
1/2	138.34	1/2	409.80	1/2	701.42	1/2	1,016.72	1/2	1,347.15	1/2	1,678.11	1/2	2,009.07	1/2	2,339.93	1/2	2,670.78	1/2	3,001.63
3/4	143.76	3/4	415.68	3/4	707.74	3/4	1,023.52	3/4	1,354.04	3/4	1,685.00	3/4	2,015.96	3/4	2,346.82	3/4	2,677.67	3/4	3,008.52
7	149.19	7	421.56	7	714.05	7	1,030.32	7	1,360.94	7	1,691.90	7	2,022.86	7	2,353.71	7	2,684.56	7	3,015.41
1/4	154.65	1/4	427.46	1/4	720.42	1/4	1,037.16	1/4	1,367.83	1/4	1,698.79	1/4	2,029.75	1/4	2,360.60	1/4	2,691.45	1/4	3,022.30
1/2	160.12	1/2	433.36	1/2	726.79	1/2	1,044.00	1/2	1,374.73	1/2	1,705.69	1/2	2,036.65	1/2	2,367.50	1/2	2,698.35	1/2	3,029.20
3/4	165.58	3/4	439.26	3/4	733.16	3/4	1,050.83	3/4	1,381.62	3/4	1,712.58	3/4	2,043.54	3/4	2,374.39	3/4	2,705.24	3/4	3,036.09
8	171.05	8	445.16	8	739.53	8	1,057.67	8	1,388.52	8	1,719.48	8	2,050.43	8	2,381.28	8	2,712.13	8	3,042.98
1/4	176.55	1/4	451.07	1/4	745.94	1/4	1,064.54	1/4	1,395.41	1/4	1,726.37	1/4	2,057.33	1/4	2,388.18	1/4	2,719.03	1/4	3,049.87
1/2	182.05	1/2	456.99	1/2	752.36	1/2	1,071.41	1/2	1,402.31	1/2	1,733.27	1/2	2,064.22	1/2	2,395.07	1/2	2,725.92	1/2	3,056.77
3/4	187.56	3/4	462.90	3/4	758.78	3/4	1,078.29	3/4	1,409.20	3/4	1,740.16	3/4	2,071.11	3/4	2,401.96	3/4	2,732.81	3/4	3,063.66
9	193.06	9	468.81	9	765.20	9	1,085.16	9	1,416.10	9	1,747.06	9	2,078.00	9	2,408.85	9	2,739.70	9	3,070.55
1/4	198.60	1/4	474.76	1/4	771.66	1/4	1,092.05	1/4	1,422.99	1/4	1,753.95	1/4	2,084.90	1/4	2,415.75	1/4	2,746.60	1/4	3,077.45
1/2	204.14	1/2	480.72	1/2	778.11	1/2	1,098.94	1/2	1,429.89	1/2	1,760.85	1/2	2,091.79	1/2	2,422.64	1/2	2,753.49	1/2	3,084.34
3/4	209.68	3/4	486.67	3/4	784.57	3/4	1,105.83	3/4	1,436.78	3/4	1,767.74	3/4	2,098.68	3/4	2,429.53	3/4	2,760.38	3/4	3,091.23
10	215.22	10	492.62	10	791.02	10	1,112.72	10	1,443.68	10	1,774.64	10	2,105.57	10	2,436.42	10	2,767.27	10	3,098.12
1/4	220.80	1/4	498.61	1/4	797.52	1/4	1,119.61	1/4	1,450.57	1/4	1,781.53	1/4	2,112.47	1/4	2,443.32	1/4	2,774.17	1/4	3,105.02
1/2	226.38	1/2	504.60	1/2	804.01	1/2	1,126.51	1/2	1,457.47	1/2	1,788.43	1/2	2,119.36	1/2	2,450.21	1/2	2,781.06	1/2	3,111.91
3/4	231.96	3/4	510.59	3/4	810.51	3/4	1,133.40	3/4	1,464.36	3/4	1,795.32	3/4	2,126.25	3/4	2,457.10	3/4	2,787.95	3/4	3,118.80
11	237.54	11	516.58	11	817.00	11	1,140.30	11	1,471.26	11	1,802.22	11	2,133.15	11	2,464.00	11	2,794.84	11	3,125.69
1/4	243.16	1/4	522.60	1/4	823.54	1/4	1,147.19	1/4	1,478.15	1/4	1,809.11	1/4	2,140.04	1/4	2,470.89	1/4	2,801.74	1/4	3,132.59
1/2	248.77	1/2	528.63	1/2	830.07	1/2	1,154.09	1/2	1,485.05	1/2	1,816.01	1/2	2,146.93	1/2	2,477.78	1/2	2,808.63	1/2	3,139.48
3/4	254.39	3/4	534.66	3/4	836.60	3/4	1,160.98	3/4	1,491.94	3/4	1,822.90	3/4	2,153.82	3/4	2,484.67	3/4	2,815.52	3/4	3,146.37

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'-02 3/4" 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 101"

1 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	3,153.27	0	3,484.11	0	3,813.96	0	4,131.38	0	4,431.64	0		0		0		0		0	
1/4	3,160.16	1/4	3,491.01	1/4	3,820.72	1/4	4,137.79	1/4	4,437.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,167.05	1/2	3,497.90	1/2	3,827.49	1/2	4,144.20	1/2	4,443.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,173.94	3/4	3,504.79	3/4	3,834.25	3/4	4,150.61	3/4	4,449.65	3/4		3/4		3/4		3/4		3/4	
1	3,180.84	1	3,511.69	1	3,841.02	1	4,157.02	1	4,455.65	1		1		1		1		1	
1/4	3,187.73	1/4	3,518.58	1/4	3,847.76	1/4	4,163.41	1/4	4,462.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,194.62	1/2	3,525.47	1/2	3,854.50	1/2	4,169.79	1/2	4,468.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,201.51	3/4	3,532.36	3/4	3,861.23	3/4	4,176.18	3/4	4,474.77	3/4		3/4		3/4		3/4		3/4	
2	3,208.41	2	3,539.26	2	3,867.97	2	4,182.56	2	4,481.15	2		2		2		2		2	
1/4	3,215.30	1/4	3,546.15	1/4	3,874.69	1/4	4,188.92	1/4	4,487.91	1/4		1/4		1/4		1/4		1/4	
1/2	3,222.19	1/2	3,553.04	1/2	3,881.40	1/2	4,195.28	1/2	4,494.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,229.08	3/4	3,559.93	3/4	3,888.11	3/4	4,201.64	3/4	4,501.42	3/4		3/4		3/4		3/4		3/4	
3	3,235.98	3	3,566.83	3	3,894.82	3	4,208.00	3	4,508.18	3		3		3		3		3	
1/4	3,242.87	1/4	3,573.72	1/4	3,901.51	1/4	4,214.33	1/4	4,514.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,249.76	1/2	3,580.61	1/2	3,908.20	1/2	4,220.67	1/2	4,521.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,256.66	3/4	3,587.51	3/4	3,914.88	3/4	4,227.00	3/4	4,528.45	3/4		3/4		3/4		3/4		3/4	
4	3,263.55	4	3,594.40	4	3,921.57	4	4,233.33	4	4,535.21	4		4		4		4		4	
1/4	3,270.44	1/4	3,601.29	1/4	3,928.23	1/4	4,239.64	1/4	4,541.63	1/4		1/4		1/4		1/4		1/4	
1/2	3,277.33	1/2	3,608.18	1/2	3,934.89	1/2	4,245.95	1/2	4,548.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,284.23	3/4	3,615.08	3/4	3,941.55	3/4	4,252.25	3/4	4,554.45	3/4		3/4		3/4		3/4		3/4	
5	3,291.12	5	3,621.97	5	3,948.21	5	4,258.56	5	4,560.87	5		5		5		5		5	
1/4	3,298.01	1/4	3,628.86	1/4	3,954.85	1/4	4,264.84	1/4	4,566.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,304.90	1/2	3,635.75	1/2	3,961.48	1/2	4,271.12	1/2	4,571.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,311.80	3/4	3,642.65	3/4	3,968.12	3/4	4,277.40	3/4	4,577.01	3/4		3/4		3/4		3/4		3/4	
6	3,318.69	6	3,649.54	6	3,974.75	6	4,283.68	6	4,582.39	6		6		6		6		6	
1/4	3,325.58	1/4	3,656.43	1/4	3,981.36	1/4	4,289.94	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,332.48	1/2	3,663.33	1/2	3,987.97	1/2	4,296.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,339.37	3/4	3,670.22	3/4	3,994.58	3/4	4,302.44	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,346.26	7	3,677.11	7	4,001.18	7	4,308.70	7		7		7		7		7		7	
1/4	3,353.15	1/4	3,684.00	1/4	4,007.77	1/4	4,314.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,360.05	1/2	3,690.89	1/2	4,014.35	1/2	4,321.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,366.94	3/4	3,697.78	3/4	4,020.93	3/4	4,327.38	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,373.83	8	3,704.67	8	4,027.51	8	4,333.61	8		8		8		8		8		8	
1/4	3,380.72	1/4	3,711.54	1/4	4,034.07	1/4	4,339.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,387.62	1/2	3,718.41	1/2	4,040.62	1/2	4,346.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,394.51	3/4	3,725.28	3/4	4,047.18	3/4	4,352.22	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,401.40	9	3,732.15	9	4,053.73	9	4,358.42	9		9		9		9		9		9	
1/4	3,408.30	1/4	3,738.99	1/4	4,060.24	1/4	4,364.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,415.19	1/2	3,745.83	1/2	4,066.75	1/2	4,370.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,422.08	3/4	3,752.68	3/4	4,073.26	3/4	4,376.95	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,428.97	10	3,759.52	10	4,079.77	10	4,383.12	10		10		10		10		10		10	
1/4	3,435.87	1/4	3,766.34	1/4	4,086.24	1/4	4,389.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,442.76	1/2	3,773.16	1/2	4,092.70	1/2	4,395.33	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,449.65	3/4	3,779.97	3/4	4,099.16	3/4	4,401.43	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,456.54	11	3,786.79	11	4,105.63	11	4,407.53	11		11		11		11		11		11	
1/4	3,463.44	1/4	3,793.58	1/4	4,112.07	1/4	4,413.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,470.33	1/2	3,800.37	1/2	4,118.50	1/2	4,419.59	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,477.22	3/4	3,807.17	3/4	4,124.94	3/4	4,425.62	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2020 JS
CALCULATED: 08/17/2020 CL
PRINTED: 08/18/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2020

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



BARGE "TMTB 101"

2 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-06"

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	13.88	0	388.27	0	775.73	0	1,163.29	0	1,551.16	0	1,939.03	0	2,326.91	0	2,714.73	0	3,102.50	0	3,490.26
1/4	19.26	1/4	396.35	1/4	783.79	1/4	1,171.37	1/4	1,559.24	1/4	1,947.11	1/4	2,334.99	1/4	2,722.81	1/4	3,110.58	1/4	3,498.34
1/2	24.65	1/2	404.43	1/2	791.85	1/2	1,179.45	1/2	1,567.32	1/2	1,955.19	1/2	2,343.07	1/2	2,730.89	1/2	3,118.65	1/2	3,506.42
3/4	30.04	3/4	412.52	3/4	799.90	3/4	1,187.53	3/4	1,575.40	3/4	1,963.28	3/4	2,351.15	3/4	2,738.97	3/4	3,126.73	3/4	3,514.50
1	35.43	1	420.60	1	807.96	1	1,195.61	1	1,583.48	1	1,971.36	1	2,359.23	1	2,747.05	1	3,134.81	1	3,522.57
1/4	42.83	1/4	428.68	1/4	816.02	1/4	1,203.69	1/4	1,591.56	1/4	1,979.44	1/4	2,367.31	1/4	2,755.13	1/4	3,142.89	1/4	3,530.65
1/2	50.24	1/2	436.76	1/2	824.08	1/2	1,211.77	1/2	1,599.64	1/2	1,987.52	1/2	2,375.39	1/2	2,763.20	1/2	3,150.97	1/2	3,538.73
3/4	57.65	3/4	444.84	3/4	832.14	3/4	1,219.85	3/4	1,607.72	3/4	1,995.60	3/4	2,383.47	3/4	2,771.28	3/4	3,159.05	3/4	3,546.81
2	65.05	2	452.92	2	840.19	2	1,227.93	2	1,615.81	2	2,003.68	2	2,391.55	2	2,779.36	2	3,167.12	2	3,554.89
1/4	73.13	1/4	461.00	1/4	848.25	1/4	1,236.01	1/4	1,623.89	1/4	2,011.76	1/4	2,399.63	1/4	2,787.44	1/4	3,175.20	1/4	3,562.97
1/2	81.21	1/2	469.08	1/2	856.31	1/2	1,244.09	1/2	1,631.97	1/2	2,019.84	1/2	2,407.71	1/2	2,795.52	1/2	3,183.28	1/2	3,571.04
3/4	89.30	3/4	477.16	3/4	864.37	3/4	1,252.17	3/4	1,640.05	3/4	2,027.92	3/4	2,415.79	3/4	2,803.60	3/4	3,191.36	3/4	3,579.12
3	97.38	3	485.24	3	872.43	3	1,260.25	3	1,648.13	3	2,036.00	3	2,423.88	3	2,811.67	3	3,199.44	3	3,587.20
1/4	105.46	1/4	493.32	1/4	880.49	1/4	1,268.34	1/4	1,656.21	1/4	2,044.08	1/4	2,431.96	1/4	2,819.75	1/4	3,207.52	1/4	3,595.28
1/2	113.54	1/2	501.40	1/2	888.56	1/2	1,276.42	1/2	1,664.29	1/2	2,052.16	1/2	2,440.04	1/2	2,827.83	1/2	3,215.59	1/2	3,603.36
3/4	121.62	3/4	509.48	3/4	896.63	3/4	1,284.50	3/4	1,672.37	3/4	2,060.24	3/4	2,448.12	3/4	2,835.91	3/4	3,223.67	3/4	3,611.44
4	129.70	4	517.56	4	904.70	4	1,292.58	4	1,680.45	4	2,068.32	4	2,456.20	4	2,843.99	4	3,231.75	4	3,619.51
1/4	137.78	1/4	525.64	1/4	912.78	1/4	1,300.66	1/4	1,688.53	1/4	2,076.41	1/4	2,464.28	1/4	2,852.07	1/4	3,239.83	1/4	3,627.59
1/2	145.86	1/2	533.72	1/2	920.87	1/2	1,308.74	1/2	1,696.61	1/2	2,084.49	1/2	2,472.36	1/2	2,860.14	1/2	3,247.91	1/2	3,635.67
3/4	153.94	3/4	541.80	3/4	928.95	3/4	1,316.82	3/4	1,704.69	3/4	2,092.57	3/4	2,480.44	3/4	2,868.22	3/4	3,255.99	3/4	3,643.75
5	162.02	5	549.88	5	937.03	5	1,324.90	5	1,712.77	5	2,100.65	5	2,488.52	5	2,876.30	5	3,264.06	5	3,651.83
1/4	170.10	1/4	557.96	1/4	945.11	1/4	1,332.98	1/4	1,720.85	1/4	2,108.73	1/4	2,496.60	1/4	2,884.38	1/4	3,272.14	1/4	3,659.91
1/2	178.18	1/2	566.04	1/2	953.19	1/2	1,341.06	1/2	1,728.94	1/2	2,116.81	1/2	2,504.68	1/2	2,892.46	1/2	3,280.22	1/2	3,667.98
3/4	186.26	3/4	574.13	3/4	961.27	3/4	1,349.14	3/4	1,737.02	3/4	2,124.89	3/4	2,512.76	3/4	2,900.54	3/4	3,288.30	3/4	3,676.06
6	194.34	6	582.21	6	969.35	6	1,357.22	6	1,745.10	6	2,132.97	6	2,520.84	6	2,908.62	6	3,296.38	6	3,684.14
1/4	202.42	1/4	590.29	1/4	977.43	1/4	1,365.30	1/4	1,753.18	1/4	2,141.05	1/4	2,528.92	1/4	2,916.69	1/4	3,304.46	1/4	3,692.22
1/2	210.50	1/2	598.37	1/2	985.51	1/2	1,373.38	1/2	1,761.26	1/2	2,149.13	1/2	2,537.01	1/2	2,924.77	1/2	3,312.54	1/2	3,700.30
3/4	218.58	3/4	606.45	3/4	993.59	3/4	1,381.46	3/4	1,769.34	3/4	2,157.21	3/4	2,545.09	3/4	2,932.85	3/4	3,320.61	3/4	3,708.38
7	226.66	7	614.53	7	1,001.67	7	1,389.55	7	1,777.42	7	2,165.29	7	2,553.17	7	2,940.93	7	3,328.69	7	3,716.46
1/4	234.74	1/4	622.60	1/4	1,009.75	1/4	1,397.63	1/4	1,785.50	1/4	2,173.37	1/4	2,561.24	1/4	2,949.01	1/4	3,336.77	1/4	3,724.53
1/2	242.82	1/2	630.66	1/2	1,017.83	1/2	1,405.71	1/2	1,793.58	1/2	2,181.45	1/2	2,569.32	1/2	2,957.09	1/2	3,344.85	1/2	3,732.61
3/4	250.91	3/4	638.73	3/4	1,025.91	3/4	1,413.79	3/4	1,801.66	3/4	2,189.53	3/4	2,577.40	3/4	2,965.16	3/4	3,352.93	3/4	3,740.69
8	258.99	8	646.80	8	1,033.99	8	1,421.87	8	1,809.74	8	2,197.62	8	2,585.48	8	2,973.24	8	3,361.01	8	3,748.77
1/4	267.07	1/4	654.86	1/4	1,042.08	1/4	1,429.95	1/4	1,817.82	1/4	2,205.70	1/4	2,593.56	1/4	2,981.32	1/4	3,369.08	1/4	3,756.85
1/2	275.15	1/2	662.92	1/2	1,050.16	1/2	1,438.03	1/2	1,825.90	1/2	2,213.78	1/2	2,601.64	1/2	2,989.40	1/2	3,377.16	1/2	3,764.93
3/4	283.23	3/4	670.98	3/4	1,058.24	3/4	1,446.11	3/4	1,833.98	3/4	2,221.86	3/4	2,609.71	3/4	2,997.48	3/4	3,385.24	3/4	3,773.00
9	291.31	9	679.03	9	1,066.32	9	1,454.19	9	1,842.06	9	2,229.94	9	2,617.79	9	3,005.56	9	3,393.32	9	3,781.08
1/4	299.39	1/4	687.09	1/4	1,074.40	1/4	1,462.27	1/4	1,850.15	1/4	2,238.02	1/4	2,625.87	1/4	3,013.63	1/4	3,401.40	1/4	3,789.16
1/2	307.47	1/2	695.15	1/2	1,082.48	1/2	1,470.35	1/2	1,858.23	1/2	2,246.10	1/2	2,633.95	1/2	3,021.71	1/2	3,409.48	1/2	3,797.24
3/4	315.55	3/4	703.21	3/4	1,090.56	3/4	1,478.43	3/4	1,866.31	3/4	2,254.18	3/4	2,642.03	3/4	3,029.79	3/4	3,417.55	3/4	3,805.32
10	323.63	10	711.27	10	1,098.64	10	1,486.51	10	1,874.39	10	2,262.26	10	2,650.11	10	3,037.87	10	3,425.63	10	3,813.40
1/4	331.71	1/4	719.32	1/4	1,106.72	1/4	1,494.59	1/4	1,882.47	1/4	2,270.34	1/4	2,658.18	1/4	3,045.95	1/4	3,433.71	1/4	3,821.47
1/2	339.79	1/2	727.38	1/2	1,114.80	1/2	1,502.68	1/2	1,890.55	1/2	2,278.42	1/2	2,666.26	1/2	3,054.03	1/2	3,441.79	1/2	3,829.55
3/4	347.87	3/4	735.44	3/4	1,122.88	3/4	1,510.76	3/4	1,898.63	3/4	2,286.50	3/4	2,674.34	3/4	3,062.10	3/4	3,449.87	3/4	3,837.63
11	355.95	11	743.50	11	1,130.96	11	1,518.84	11	1,906.71	11	2,294.58	11	2,682.42	11	3,070.18	11	3,457.95	11	3,845.71
1/4	364.03	1/4	751.56	1/4	1,139.04	1/4	1,526.92	1/4	1,914.79	1/4	2,302.66	1/4	2,690.50	1/4	3,078.26	1/4	3,466.02	1/4	3,853.79
1/2	372.11	1/2	759.61	1/2	1,147.12	1/2	1,535.00	1/2	1,922.87	1/2	2,310.75	1/2	2,698.58	1/2	3,086.34	1/2	3,474.10	1/2	3,861.87
3/4	380.19	3/4	767.67	3/4	1,155.21	3/4	1,543.08	3/4	1,930.95	3/4	2,318.83	3/4	2,706.66	3/4	3,094.42	3/4	3,482.18	3/4	3,869.94

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 3/4" 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 101"

2 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 15'-06"

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	3,878.02	0	4,265.79	0	4,652.36	0	5,024.45	0	5,376.79	0		0		0		0		0	
1/4	3,886.10	1/4	4,273.86	1/4	4,660.29	1/4	5,031.97	1/4	5,383.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,894.18	1/2	4,281.94	1/2	4,668.22	1/2	5,039.49	1/2	5,390.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,902.26	3/4	4,290.02	3/4	4,676.15	3/4	5,047.01	3/4	5,397.96	3/4		3/4		3/4		3/4		3/4	
1	3,910.34	1	4,298.10	1	4,684.08	1	5,054.53	1	5,405.02	1		1		1		1		1	
1/4	3,918.42	1/4	4,306.18	1/4	4,691.97	1/4	5,062.02	1/4	5,412.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,926.49	1/2	4,314.26	1/2	4,699.87	1/2	5,069.51	1/2	5,420.00	1/2		1/2		1/2		1/2		1/2	
3/4	3,934.57	3/4	4,322.34	3/4	4,707.77	3/4	5,077.00	3/4	5,427.50	3/4		3/4		3/4		3/4		3/4	
2	3,942.65	2	4,330.41	2	4,715.67	2	5,084.50	2	5,434.99	2		2		2		2		2	
1/4	3,950.73	1/4	4,338.49	1/4	4,723.54	1/4	5,091.95	1/4	5,442.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,958.81	1/2	4,346.57	1/2	4,731.40	1/2	5,099.41	1/2	5,450.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,966.89	3/4	4,354.65	3/4	4,739.27	3/4	5,106.87	3/4	5,458.82	3/4		3/4		3/4		3/4		3/4	
3	3,974.96	3	4,362.73	3	4,747.14	3	5,114.33	3	5,466.76	3		3		3		3		3	
1/4	3,983.04	1/4	4,370.81	1/4	4,754.98	1/4	5,121.76	1/4	5,474.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,991.12	1/2	4,378.88	1/2	4,762.81	1/2	5,129.19	1/2	5,482.65	1/2		1/2		1/2		1/2		1/2	
3/4	3,999.20	3/4	4,386.96	3/4	4,770.65	3/4	5,136.62	3/4	5,490.60	3/4		3/4		3/4		3/4		3/4	
4	4,007.28	4	4,395.04	4	4,778.49	4	5,144.05	4	5,498.54	4		4		4		4		4	
1/4	4,015.36	1/4	4,403.12	1/4	4,786.29	1/4	5,151.45	1/4	5,506.08	1/4		1/4		1/4		1/4		1/4	
1/2	4,023.43	1/2	4,411.20	1/2	4,794.10	1/2	5,158.85	1/2	5,513.62	1/2		1/2		1/2		1/2		1/2	
3/4	4,031.51	3/4	4,419.28	3/4	4,801.91	3/4	5,166.24	3/4	5,521.16	3/4		3/4		3/4		3/4		3/4	
5	4,039.59	5	4,427.35	5	4,809.71	5	5,173.64	5	5,528.70	5		5		5		5		5	
1/4	4,047.67	1/4	4,435.43	1/4	4,817.49	1/4	5,181.01	1/4	5,535.03	1/4		1/4		1/4		1/4		1/4	
1/2	4,055.75	1/2	4,443.51	1/2	4,825.26	1/2	5,188.38	1/2	5,541.36	1/2		1/2		1/2		1/2		1/2	
3/4	4,063.83	3/4	4,451.59	3/4	4,833.04	3/4	5,195.75	3/4	5,547.69	3/4		3/4		3/4		3/4		3/4	
6	4,071.90	6	4,459.67	6	4,840.81	6	5,203.11	6	5,554.02	6		6		6		6		6	
1/4	4,079.98	1/4	4,467.75	1/4	4,848.56	1/4	5,210.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,088.06	1/2	4,475.82	1/2	4,856.30	1/2	5,217.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,096.14	3/4	4,483.90	3/4	4,864.05	3/4	5,225.12	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,104.22	7	4,491.98	7	4,871.79	7	5,232.46	7		7		7		7		7		7	
1/4	4,112.30	1/4	4,500.05	1/4	4,879.51	1/4	5,239.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,120.38	1/2	4,508.13	1/2	4,887.22	1/2	5,247.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,128.45	3/4	4,516.20	3/4	4,894.94	3/4	5,254.38	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,136.53	8	4,524.27	8	4,902.65	8	5,261.69	8		8		8		8		8		8	
1/4	4,144.61	1/4	4,532.32	1/4	4,910.33	1/4	5,268.96	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,152.69	1/2	4,540.38	1/2	4,918.02	1/2	5,276.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,160.77	3/4	4,548.43	3/4	4,925.70	3/4	5,283.51	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,168.85	9	4,556.48	9	4,933.38	9	5,290.79	9		9		9		9		9		9	
1/4	4,176.92	1/4	4,564.50	1/4	4,941.02	1/4	5,298.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,185.00	1/2	4,572.52	1/2	4,948.65	1/2	5,305.28	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,193.08	3/4	4,580.54	3/4	4,956.28	3/4	5,312.52	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,201.16	10	4,588.56	10	4,963.91	10	5,319.77	10		10		10		10		10		10	
1/4	4,209.24	1/4	4,596.55	1/4	4,971.50	1/4	5,326.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,217.32	1/2	4,604.54	1/2	4,979.08	1/2	5,334.10	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,225.39	3/4	4,612.53	3/4	4,986.66	3/4	5,341.27	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,233.47	11	4,620.52	11	4,994.24	11	5,348.43	11		11		11		11		11		11	
1/4	4,241.55	1/4	4,628.48	1/4	5,001.80	1/4	5,355.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,249.63	1/2	4,636.44	1/2	5,009.35	1/2	5,362.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,257.71	3/4	4,644.40	3/4	5,016.90	3/4	5,369.70	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2020 JS
CALCULATED: 08/17/2020 CL
PRINTED: 08/18/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2020

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



BARGE "TMTB 101"

2 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	13.90	0	388.87	0	771.31	0	1,150.10	0	1,538.58	0	1,927.05	0	2,315.53	0	2,703.97	0	3,092.33	0	3,480.70
1/4	19.29	1/4	396.97	1/4	779.07	1/4	1,158.19	1/4	1,546.67	1/4	1,935.15	1/4	2,323.63	1/4	2,712.06	1/4	3,100.42	1/4	3,488.79
1/2	24.69	1/2	405.06	1/2	786.83	1/2	1,166.28	1/2	1,554.76	1/2	1,943.24	1/2	2,331.72	1/2	2,720.15	1/2	3,108.51	1/2	3,496.88
3/4	30.08	3/4	413.15	3/4	794.59	3/4	1,174.38	3/4	1,562.86	3/4	1,951.33	3/4	2,339.81	3/4	2,728.24	3/4	3,116.61	3/4	3,504.97
1	35.48	1	421.25	1	802.35	1	1,182.47	1	1,570.95	1	1,959.43	1	2,347.91	1	2,736.33	1	3,124.70	1	3,513.06
1/4	42.90	1/4	429.34	1/4	810.10	1/4	1,190.56	1/4	1,579.04	1/4	1,967.52	1/4	2,356.00	1/4	2,744.42	1/4	3,132.79	1/4	3,521.16
1/2	50.32	1/2	437.43	1/2	817.86	1/2	1,198.66	1/2	1,587.14	1/2	1,975.61	1/2	2,364.09	1/2	2,752.51	1/2	3,140.88	1/2	3,529.25
3/4	57.74	3/4	445.53	3/4	825.62	3/4	1,206.75	3/4	1,595.23	3/4	1,983.71	3/4	2,372.19	3/4	2,760.60	3/4	3,148.97	3/4	3,537.34
2	65.15	2	453.62	2	833.38	2	1,214.84	2	1,603.32	2	1,991.80	2	2,380.28	2	2,768.69	2	3,157.06	2	3,545.43
1/4	73.25	1/4	461.71	1/4	841.14	1/4	1,222.94	1/4	1,611.42	1/4	1,999.89	1/4	2,388.37	1/4	2,776.78	1/4	3,165.15	1/4	3,553.52
1/2	81.34	1/2	469.80	1/2	848.89	1/2	1,231.03	1/2	1,619.51	1/2	2,007.99	1/2	2,396.47	1/2	2,784.88	1/2	3,173.24	1/2	3,561.61
3/4	89.43	3/4	477.90	3/4	856.65	3/4	1,239.12	3/4	1,627.60	3/4	2,016.08	3/4	2,404.56	3/4	2,792.97	3/4	3,181.33	3/4	3,569.70
3	97.53	3	485.99	3	864.41	3	1,247.22	3	1,635.70	3	2,024.17	3	2,412.65	3	2,801.06	3	3,189.42	3	3,577.79
1/4	105.62	1/4	494.08	1/4	872.18	1/4	1,255.31	1/4	1,643.79	1/4	2,032.27	1/4	2,420.75	1/4	2,809.15	1/4	3,197.52	1/4	3,585.88
1/2	113.71	1/2	502.18	1/2	879.95	1/2	1,263.40	1/2	1,651.88	1/2	2,040.36	1/2	2,428.84	1/2	2,817.24	1/2	3,205.61	1/2	3,593.97
3/4	121.81	3/4	510.27	3/4	887.72	3/4	1,271.50	3/4	1,659.98	3/4	2,048.45	3/4	2,436.93	3/4	2,825.33	3/4	3,213.70	3/4	3,602.07
4	129.90	4	518.36	4	895.49	4	1,279.59	4	1,668.07	4	2,056.55	4	2,445.03	4	2,833.42	4	3,221.79	4	3,610.16
1/4	137.99	1/4	526.46	1/4	903.27	1/4	1,287.68	1/4	1,676.16	1/4	2,064.64	1/4	2,453.12	1/4	2,841.51	1/4	3,229.88	1/4	3,618.25
1/2	146.08	1/2	534.55	1/2	911.05	1/2	1,295.78	1/2	1,684.26	1/2	2,072.73	1/2	2,461.21	1/2	2,849.60	1/2	3,237.97	1/2	3,626.34
3/4	154.18	3/4	542.64	3/4	918.83	3/4	1,303.87	3/4	1,692.35	3/4	2,080.83	3/4	2,469.31	3/4	2,857.69	3/4	3,246.06	3/4	3,634.43
5	162.27	5	550.73	5	926.61	5	1,311.96	5	1,700.44	5	2,088.92	5	2,477.40	5	2,865.79	5	3,254.15	5	3,642.52
1/4	170.36	1/4	558.83	1/4	934.39	1/4	1,320.06	1/4	1,708.54	1/4	2,097.01	1/4	2,485.49	1/4	2,873.88	1/4	3,262.24	1/4	3,650.61
1/2	178.46	1/2	566.92	1/2	942.17	1/2	1,328.15	1/2	1,716.63	1/2	2,105.11	1/2	2,493.59	1/2	2,881.97	1/2	3,270.33	1/2	3,658.70
3/4	186.55	3/4	575.01	3/4	949.95	3/4	1,336.24	3/4	1,724.72	3/4	2,113.20	3/4	2,501.68	3/4	2,890.06	3/4	3,278.43	3/4	3,666.79
6	194.64	6	583.11	6	957.73	6	1,344.34	6	1,732.82	6	2,121.29	6	2,509.77	6	2,898.15	6	3,286.52	6	3,674.88
1/4	202.74	1/4	591.20	1/4	965.51	1/4	1,352.43	1/4	1,740.91	1/4	2,129.39	1/4	2,517.87	1/4	2,906.24	1/4	3,294.61	1/4	3,682.98
1/2	210.83	1/2	599.29	1/2	973.29	1/2	1,360.52	1/2	1,749.00	1/2	2,137.48	1/2	2,525.96	1/2	2,914.33	1/2	3,302.70	1/2	3,691.07
3/4	218.92	3/4	607.39	3/4	981.08	3/4	1,368.62	3/4	1,757.09	3/4	2,145.57	3/4	2,534.05	3/4	2,922.42	3/4	3,310.79	3/4	3,699.16
7	227.01	7	615.48	7	988.86	7	1,376.71	7	1,765.19	7	2,153.67	7	2,542.15	7	2,930.51	7	3,318.88	7	3,707.25
1/4	235.11	1/4	623.41	1/4	996.79	1/4	1,384.80	1/4	1,773.28	1/4	2,161.76	1/4	2,550.24	1/4	2,938.60	1/4	3,326.97	1/4	3,715.34
1/2	243.20	1/2	631.33	1/2	1,004.73	1/2	1,392.90	1/2	1,781.37	1/2	2,169.85	1/2	2,558.33	1/2	2,946.69	1/2	3,335.06	1/2	3,723.43
3/4	251.29	3/4	639.26	3/4	1,012.67	3/4	1,400.99	3/4	1,789.47	3/4	2,177.95	3/4	2,566.42	3/4	2,954.79	3/4	3,343.15	3/4	3,731.52
8	259.39	8	647.18	8	1,020.60	8	1,409.08	8	1,797.56	8	2,186.04	8	2,574.51	8	2,962.88	8	3,351.24	8	3,739.61
1/4	267.48	1/4	654.94	1/4	1,028.70	1/4	1,417.18	1/4	1,805.65	1/4	2,194.13	1/4	2,582.60	1/4	2,970.97	1/4	3,359.34	1/4	3,747.70
1/2	275.57	1/2	662.70	1/2	1,036.79	1/2	1,425.27	1/2	1,813.75	1/2	2,202.23	1/2	2,590.69	1/2	2,979.06	1/2	3,367.43	1/2	3,755.79
3/4	283.67	3/4	670.46	3/4	1,044.88	3/4	1,433.36	3/4	1,821.84	3/4	2,210.32	3/4	2,598.78	3/4	2,987.15	3/4	3,375.52	3/4	3,763.89
9	291.76	9	678.22	9	1,052.98	9	1,441.46	9	1,829.93	9	2,218.41	9	2,606.87	9	2,995.24	9	3,383.61	9	3,771.98
1/4	299.85	1/4	685.97	1/4	1,061.07	1/4	1,449.55	1/4	1,838.03	1/4	2,226.51	1/4	2,614.96	1/4	3,003.33	1/4	3,391.70	1/4	3,780.07
1/2	307.94	1/2	693.73	1/2	1,069.16	1/2	1,457.64	1/2	1,846.12	1/2	2,234.60	1/2	2,623.06	1/2	3,011.42	1/2	3,399.79	1/2	3,788.16
3/4	316.04	3/4	701.49	3/4	1,077.26	3/4	1,465.74	3/4	1,854.21	3/4	2,242.69	3/4	2,631.15	3/4	3,019.51	3/4	3,407.88	3/4	3,796.25
10	324.13	10	709.25	10	1,085.35	10	1,473.83	10	1,862.31	10	2,250.79	10	2,639.24	10	3,027.60	10	3,415.97	10	3,804.34
1/4	332.22	1/4	717.01	1/4	1,093.44	1/4	1,481.92	1/4	1,870.40	1/4	2,258.88	1/4	2,647.33	1/4	3,035.70	1/4	3,424.06	1/4	3,812.43
1/2	340.32	1/2	724.77	1/2	1,101.54	1/2	1,490.02	1/2	1,878.49	1/2	2,266.97	1/2	2,655.42	1/2	3,043.79	1/2	3,432.15	1/2	3,820.52
3/4	348.41	3/4	732.52	3/4	1,109.63	3/4	1,498.11	3/4	1,886.59	3/4	2,275.07	3/4	2,663.51	3/4	3,051.88	3/4	3,440.25	3/4	3,828.61
11	356.50	11	740.28	11	1,117.72	11	1,506.20	11	1,894.68	11	2,283.16	11	2,671.60	11	3,059.97	11	3,448.34	11	3,836.70
1/4	364.60	1/4	748.04	1/4	1,125.82	1/4	1,514.30	1/4	1,902.77	1/4	2,291.25	1/4	2,679.69	1/4	3,068.06	1/4	3,456.43	1/4	3,844.80
1/2	372.69	1/2	755.80	1/2	1,133.91	1/2	1,522.39	1/2	1,910.87	1/2	2,299.35	1/2	2,687.78	1/2	3,076.15	1/2	3,464.52	1/2	3,852.89
3/4	380.78	3/4	763.56	3/4	1,142.00	3/4	1,530.48	3/4	1,918.96	3/4	2,307.44	3/4	2,695.87	3/4	3,084.24	3/4	3,472.61	3/4	3,860.98

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 3/4" 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 101"

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	3,869.07	0	4,257.44	0	4,644.62	0	5,017.31	0	5,370.25	0		0		0		0		0	
1/4	3,877.16	1/4	4,265.53	1/4	4,652.56	1/4	5,024.84	1/4	5,377.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,885.25	1/2	4,273.62	1/2	4,660.50	1/2	5,032.38	1/2	5,384.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,893.34	3/4	4,281.71	3/4	4,668.44	3/4	5,039.91	3/4	5,391.46	3/4		3/4		3/4		3/4		3/4	
1	3,901.43	1	4,289.80	1	4,676.38	1	5,047.44	1	5,398.53	1		1		1		1		1	
1/4	3,909.52	1/4	4,297.89	1/4	4,684.29	1/4	5,054.95	1/4	5,406.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,917.61	1/2	4,305.98	1/2	4,692.20	1/2	5,062.45	1/2	5,413.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,925.71	3/4	4,314.07	3/4	4,700.11	3/4	5,069.95	3/4	5,421.05	3/4		3/4		3/4		3/4		3/4	
2	3,933.80	2	4,322.16	2	4,708.03	2	5,077.46	2	5,428.56	2		2		2		2		2	
1/4	3,941.89	1/4	4,330.26	1/4	4,715.91	1/4	5,084.93	1/4	5,436.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,949.98	1/2	4,338.35	1/2	4,723.79	1/2	5,092.40	1/2	5,444.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,958.07	3/4	4,346.44	3/4	4,731.67	3/4	5,099.87	3/4	5,452.42	3/4		3/4		3/4		3/4		3/4	
3	3,966.16	3	4,354.53	3	4,739.55	3	5,107.35	3	5,460.38	3		3		3		3		3	
1/4	3,974.25	1/4	4,362.62	1/4	4,747.40	1/4	5,114.79	1/4	5,468.34	1/4		1/4		1/4		1/4		1/4	
1/2	3,982.34	1/2	4,370.71	1/2	4,755.24	1/2	5,122.23	1/2	5,476.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,990.43	3/4	4,378.80	3/4	4,763.09	3/4	5,129.67	3/4	5,484.25	3/4		3/4		3/4		3/4		3/4	
4	3,998.52	4	4,386.89	4	4,770.94	4	5,137.11	4	5,492.21	4		4		4		4		4	
1/4	4,006.62	1/4	4,394.98	1/4	4,778.76	1/4	5,144.52	1/4	5,499.76	1/4		1/4		1/4		1/4		1/4	
1/2	4,014.71	1/2	4,403.07	1/2	4,786.58	1/2	5,151.93	1/2	5,507.31	1/2		1/2		1/2		1/2		1/2	
3/4	4,022.80	3/4	4,411.17	3/4	4,794.40	3/4	5,159.34	3/4	5,514.86	3/4		3/4		3/4		3/4		3/4	
5	4,030.89	5	4,419.26	5	4,802.22	5	5,166.75	5	5,522.42	5		5		5		5		5	
1/4	4,038.98	1/4	4,427.35	1/4	4,810.01	1/4	5,174.13	1/4	5,528.76	1/4		1/4		1/4		1/4		1/4	
1/2	4,047.07	1/2	4,435.44	1/2	4,817.79	1/2	5,181.51	1/2	5,535.10	1/2		1/2		1/2		1/2		1/2	
3/4	4,055.16	3/4	4,443.53	3/4	4,825.58	3/4	5,188.89	3/4	5,541.44	3/4		3/4		3/4		3/4		3/4	
6	4,063.25	6	4,451.62	6	4,833.37	6	5,196.27	6	5,547.78	6		6		6		6		6	
1/4	4,071.34	1/4	4,459.71	1/4	4,841.13	1/4	5,203.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,079.43	1/2	4,467.80	1/2	4,848.89	1/2	5,210.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,087.53	3/4	4,475.89	3/4	4,856.64	3/4	5,218.32	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,095.62	7	4,483.99	7	4,864.40	7	5,225.67	7		7		7		7		7		7	
1/4	4,103.71	1/4	4,492.07	1/4	4,872.13	1/4	5,232.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,111.80	1/2	4,500.16	1/2	4,879.85	1/2	5,240.31	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,119.89	3/4	4,508.24	3/4	4,887.58	3/4	5,247.63	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,127.98	8	4,516.33	8	4,895.31	8	5,254.95	8		8		8		8		8		8	
1/4	4,136.07	1/4	4,524.39	1/4	4,903.00	1/4	5,262.24	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,144.16	1/2	4,532.45	1/2	4,910.70	1/2	5,269.52	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,152.25	3/4	4,540.52	3/4	4,918.40	3/4	5,276.81	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,160.34	9	4,548.58	9	4,926.09	9	5,284.10	9		9		9		9		9		9	
1/4	4,168.44	1/4	4,556.62	1/4	4,933.74	1/4	5,291.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,176.53	1/2	4,564.65	1/2	4,941.38	1/2	5,298.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,184.62	3/4	4,572.68	3/4	4,949.03	3/4	5,305.87	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,192.71	10	4,580.72	10	4,956.67	10	5,313.13	10		10		10		10		10		10	
1/4	4,200.80	1/4	4,588.72	1/4	4,964.27	1/4	5,320.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,208.89	1/2	4,596.72	1/2	4,971.86	1/2	5,327.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,216.98	3/4	4,604.73	3/4	4,979.46	3/4	5,334.67	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,225.07	11	4,612.73	11	4,987.05	11	5,341.85	11		11		11		11		11		11	
1/4	4,233.16	1/4	4,620.70	1/4	4,994.62	1/4	5,348.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,241.25	1/2	4,628.67	1/2	5,002.18	1/2	5,356.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,249.35	3/4	4,636.64	3/4	5,009.75	3/4	5,363.15	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2020 JS
CALCULATED: 08/17/2020 CL
PRINTED: 08/18/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2020

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



BARGE "TMTB 101"

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	12.95	0	361.67	0	722.52	0	1,082.85	0	1,443.68	0	1,804.53	0	2,165.37	0	2,525.94	0	2,886.44	0	3,246.94
1/4	17.97	1/4	369.19	1/4	730.02	1/4	1,090.35	1/4	1,451.19	1/4	1,812.04	1/4	2,172.89	1/4	2,533.45	1/4	2,893.95	1/4	3,254.45
1/2	22.99	1/2	376.72	1/2	737.53	1/2	1,097.85	1/2	1,458.71	1/2	1,819.56	1/2	2,180.41	1/2	2,540.96	1/2	2,901.46	1/2	3,261.96
3/4	28.01	3/4	384.25	3/4	745.03	3/4	1,105.34	3/4	1,466.23	3/4	1,827.08	3/4	2,187.93	3/4	2,548.47	3/4	2,908.97	3/4	3,269.47
1	33.02	1	391.77	1	752.53	1	1,112.84	1	1,473.75	1	1,834.60	1	2,195.45	1	2,555.98	1	2,916.48	1	3,276.98
1/4	39.92	1/4	399.30	1/4	760.04	1/4	1,120.34	1/4	1,481.26	1/4	1,842.11	1/4	2,202.96	1/4	2,563.49	1/4	2,923.99	1/4	3,284.49
1/2	46.82	1/2	406.82	1/2	767.54	1/2	1,127.84	1/2	1,488.78	1/2	1,849.63	1/2	2,210.48	1/2	2,571.00	1/2	2,931.50	1/2	3,292.00
3/4	53.72	3/4	414.35	3/4	775.04	3/4	1,135.34	3/4	1,496.30	3/4	1,857.15	3/4	2,218.00	3/4	2,578.51	3/4	2,939.01	3/4	3,299.51
2	60.62	2	421.88	2	782.55	2	1,142.83	2	1,503.82	2	1,864.67	2	2,225.52	2	2,586.02	2	2,946.52	2	3,307.02
1/4	68.15	1/4	429.40	1/4	790.05	1/4	1,150.35	1/4	1,511.33	1/4	1,872.18	1/4	2,233.03	1/4	2,593.53	1/4	2,954.03	1/4	3,314.53
1/2	75.67	1/2	436.93	1/2	797.56	1/2	1,157.86	1/2	1,518.85	1/2	1,879.70	1/2	2,240.54	1/2	2,601.05	1/2	2,961.54	1/2	3,322.04
3/4	83.20	3/4	444.46	3/4	805.06	3/4	1,165.37	3/4	1,526.37	3/4	1,887.22	3/4	2,248.05	3/4	2,608.56	3/4	2,969.05	3/4	3,329.55
3	90.72	3	451.98	3	812.56	3	1,172.88	3	1,533.89	3	1,894.74	3	2,255.57	3	2,616.07	3	2,976.57	3	3,337.06
1/4	98.25	1/4	459.51	1/4	820.08	1/4	1,180.40	1/4	1,541.41	1/4	1,902.26	1/4	2,263.08	1/4	2,623.58	1/4	2,984.08	1/4	3,344.57
1/2	105.78	1/2	467.03	1/2	827.59	1/2	1,187.93	1/2	1,548.92	1/2	1,909.77	1/2	2,270.59	1/2	2,631.09	1/2	2,991.59	1/2	3,352.09
3/4	113.30	3/4	474.56	3/4	835.11	3/4	1,195.45	3/4	1,556.44	3/4	1,917.29	3/4	2,278.10	3/4	2,638.60	3/4	2,999.10	3/4	3,359.60
4	120.83	4	482.09	4	842.62	4	1,202.98	4	1,563.96	4	1,924.81	4	2,285.61	4	2,646.11	4	3,006.61	4	3,367.11
1/4	128.36	1/4	489.61	1/4	850.15	1/4	1,210.50	1/4	1,571.48	1/4	1,932.33	1/4	2,293.12	1/4	2,653.62	1/4	3,014.12	1/4	3,374.62
1/2	135.88	1/2	497.14	1/2	857.68	1/2	1,218.03	1/2	1,578.99	1/2	1,939.84	1/2	2,300.63	1/2	2,661.13	1/2	3,021.63	1/2	3,382.14
3/4	143.41	3/4	504.67	3/4	865.20	3/4	1,225.55	3/4	1,586.51	3/4	1,947.36	3/4	2,308.14	3/4	2,668.64	3/4	3,029.14	3/4	3,389.66
5	150.93	5	512.19	5	872.73	5	1,233.08	5	1,594.03	5	1,954.88	5	2,315.65	5	2,676.15	5	3,036.65	5	3,397.18
1/4	158.46	1/4	519.72	1/4	880.26	1/4	1,240.60	1/4	1,601.55	1/4	1,962.40	1/4	2,323.16	1/4	2,683.66	1/4	3,044.16	1/4	3,404.71
1/2	165.99	1/2	527.24	1/2	887.78	1/2	1,248.13	1/2	1,609.06	1/2	1,969.91	1/2	2,330.67	1/2	2,691.17	1/2	3,051.67	1/2	3,412.23
3/4	173.51	3/4	534.77	3/4	895.31	3/4	1,255.65	3/4	1,616.58	3/4	1,977.43	3/4	2,338.18	3/4	2,698.68	3/4	3,059.18	3/4	3,419.76
6	181.04	6	542.30	6	902.84	6	1,263.18	6	1,624.10	6	1,984.95	6	2,345.69	6	2,706.19	6	3,066.69	6	3,427.29
1/4	188.56	1/4	549.82	1/4	910.35	1/4	1,270.70	1/4	1,631.62	1/4	1,992.47	1/4	2,353.20	1/4	2,713.70	1/4	3,074.20	1/4	3,434.81
1/2	196.09	1/2	557.35	1/2	917.86	1/2	1,278.23	1/2	1,639.14	1/2	1,999.99	1/2	2,360.71	1/2	2,721.21	1/2	3,081.71	1/2	3,442.34
3/4	203.62	3/4	564.87	3/4	925.37	3/4	1,285.75	3/4	1,646.65	3/4	2,007.50	3/4	2,368.22	3/4	2,728.72	3/4	3,089.22	3/4	3,449.86
7	211.14	7	572.40	7	932.89	7	1,293.28	7	1,654.17	7	2,015.02	7	2,375.73	7	2,736.23	7	3,096.73	7	3,457.39
1/4	218.67	1/4	579.92	1/4	940.38	1/4	1,300.80	1/4	1,661.69	1/4	2,022.54	1/4	2,383.24	1/4	2,743.74	1/4	3,104.24	1/4	3,464.92
1/2	226.20	1/2	587.43	1/2	947.88	1/2	1,308.33	1/2	1,669.21	1/2	2,030.06	1/2	2,390.75	1/2	2,751.25	1/2	3,111.75	1/2	3,472.44
3/4	233.72	3/4	594.94	3/4	955.38	3/4	1,315.85	3/4	1,676.72	3/4	2,037.57	3/4	2,398.26	3/4	2,758.76	3/4	3,119.26	3/4	3,479.97
8	241.25	8	602.46	8	962.88	8	1,323.38	8	1,684.24	8	2,045.09	8	2,405.77	8	2,766.27	8	3,126.77	8	3,487.50
1/4	248.77	1/4	609.96	1/4	970.38	1/4	1,330.90	1/4	1,691.76	1/4	2,052.61	1/4	2,413.29	1/4	2,773.78	1/4	3,134.28	1/4	3,495.02
1/2	256.30	1/2	617.47	1/2	977.87	1/2	1,338.42	1/2	1,699.28	1/2	2,060.13	1/2	2,420.80	1/2	2,781.29	1/2	3,141.79	1/2	3,502.55
3/4	263.83	3/4	624.97	3/4	985.37	3/4	1,345.94	3/4	1,706.79	3/4	2,067.64	3/4	2,428.31	3/4	2,788.81	3/4	3,149.30	3/4	3,510.08
9	271.35	9	632.47	9	992.87	9	1,353.46	9	1,714.31	9	2,075.16	9	2,435.82	9	2,796.32	9	3,156.81	9	3,517.60
1/4	278.88	1/4	639.98	1/4	1,000.37	1/4	1,360.98	1/4	1,721.83	1/4	2,082.68	1/4	2,443.33	1/4	2,803.83	1/4	3,164.33	1/4	3,525.13
1/2	286.41	1/2	647.48	1/2	1,007.87	1/2	1,368.50	1/2	1,729.35	1/2	2,090.20	1/2	2,450.84	1/2	2,811.34	1/2	3,171.84	1/2	3,532.65
3/4	293.93	3/4	654.99	3/4	1,015.37	3/4	1,376.02	3/4	1,736.87	3/4	2,097.72	3/4	2,458.35	3/4	2,818.85	3/4	3,179.35	3/4	3,540.18
10	301.46	10	662.49	10	1,022.86	10	1,383.53	10	1,744.38	10	2,105.23	10	2,465.86	10	2,826.36	10	3,186.86	10	3,547.71
1/4	308.98	1/4	669.99	1/4	1,030.36	1/4	1,391.05	1/4	1,751.90	1/4	2,112.75	1/4	2,473.37	1/4	2,833.87	1/4	3,194.37	1/4	3,555.23
1/2	316.51	1/2	677.50	1/2	1,037.86	1/2	1,398.57	1/2	1,759.42	1/2	2,120.27	1/2	2,480.88	1/2	2,841.38	1/2	3,201.88	1/2	3,562.76
3/4	324.04	3/4	685.00	3/4	1,045.36	3/4	1,406.09	3/4	1,766.94	3/4	2,127.79	3/4	2,488.39	3/4	2,848.89	3/4	3,209.39	3/4	3,570.29
11	331.56	11	692.50	11	1,052.86	11	1,413.60	11	1,774.45	11	2,135.30	11	2,495.90	11	2,856.40	11	3,216.90	11	3,577.81
1/4	339.09	1/4	700.01	1/4	1,060.35	1/4	1,421.12	1/4	1,781.97	1/4	2,142.82	1/4	2,503.41	1/4	2,863.91	1/4	3,224.41	1/4	3,585.34
1/2	346.62	1/2	707.51	1/2	1,067.85	1/2	1,428.64	1/2	1,789.49	1/2	2,150.34	1/2	2,510.92	1/2	2,871.42	1/2	3,231.92	1/2	3,592.87
3/4	354.14	3/4	715.01	3/4	1,075.35	3/4	1,436.16	3/4	1,797.01	3/4	2,157.86	3/4	2,518.43	3/4	2,878.93	3/4	3,239.43	3/4	3,600.39

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 11'-09" OFF CENTERLINE AND 45'-03 1/2" 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 101"

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	3,607.92	0	3,878.59	0	4,144.50	0	4,400.07	0	4,640.63	0		0		0		0		0	
1/4	3,614.46	1/4	3,884.15	1/4	4,149.96	1/4	4,405.20	1/4	4,645.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,621.00	1/2	3,889.70	1/2	4,155.41	1/2	4,410.34	1/2	4,650.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,627.54	3/4	3,895.26	3/4	4,160.86	3/4	4,415.47	3/4	4,655.09	3/4		3/4		3/4		3/4		3/4	
1	3,634.09	1	3,900.82	1	4,166.32	1	4,420.61	1	4,659.91	1		1		1		1		1	
1/4	3,639.64	1/4	3,906.37	1/4	4,171.75	1/4	4,425.72	1/4	4,665.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,645.20	1/2	3,911.93	1/2	4,177.18	1/2	4,430.84	1/2	4,670.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,650.76	3/4	3,917.49	3/4	4,182.62	3/4	4,435.95	3/4	4,675.28	3/4		3/4		3/4		3/4		3/4	
2	3,656.31	2	3,923.04	2	4,188.05	2	4,441.07	2	4,680.40	2		2		2		2		2	
1/4	3,661.87	1/4	3,928.60	1/4	4,193.46	1/4	4,446.16	1/4	4,685.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,667.43	1/2	3,934.16	1/2	4,198.87	1/2	4,451.25	1/2	4,691.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.98	3/4	3,939.71	3/4	4,204.28	3/4	4,456.35	3/4	4,696.69	3/4		3/4		3/4		3/4		3/4	
3	3,678.54	3	3,945.27	3	4,209.70	3	4,461.44	3	4,702.12	3		3		3		3		3	
1/4	3,684.10	1/4	3,950.83	1/4	4,215.09	1/4	4,466.51	1/4	4,707.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,689.65	1/2	3,956.39	1/2	4,220.48	1/2	4,471.58	1/2	4,712.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,695.21	3/4	3,961.94	3/4	4,225.87	3/4	4,476.66	3/4	4,718.41	3/4		3/4		3/4		3/4		3/4	
4	3,700.77	4	3,967.50	4	4,231.26	4	4,481.73	4	4,723.84	4		4		4		4		4	
1/4	3,706.32	1/4	3,973.06	1/4	4,236.63	1/4	4,486.78	1/4	4,728.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,711.88	1/2	3,978.61	1/2	4,242.00	1/2	4,491.83	1/2	4,733.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,717.44	3/4	3,984.17	3/4	4,247.37	3/4	4,496.88	3/4	4,739.00	3/4		3/4		3/4		3/4		3/4	
5	3,723.00	5	3,989.73	5	4,252.74	5	4,501.93	5	4,744.06	5		5		5		5		5	
1/4	3,728.55	1/4	3,995.28	1/4	4,258.09	1/4	4,506.96	1/4	4,747.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,734.11	1/2	4,000.84	1/2	4,263.43	1/2	4,511.99	1/2	4,751.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,739.67	3/4	4,006.40	3/4	4,268.78	3/4	4,517.02	3/4	4,755.83	3/4		3/4		3/4		3/4		3/4	
6	3,745.22	6	4,011.95	6	4,274.13	6	4,522.05	6	4,759.76	6		6		6		6		6	
1/4	3,750.78	1/4	4,017.51	1/4	4,279.46	1/4	4,527.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.34	1/2	4,023.07	1/2	4,284.79	1/2	4,532.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,761.89	3/4	4,028.62	3/4	4,290.11	3/4	4,537.08	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,767.45	7	4,034.18	7	4,295.44	7	4,542.09	7		7		7		7		7		7	
1/4	3,773.01	1/4	4,039.73	1/4	4,300.75	1/4	4,547.07	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,778.56	1/2	4,045.29	1/2	4,306.05	1/2	4,552.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,784.12	3/4	4,050.84	3/4	4,311.36	3/4	4,557.05	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,789.68	8	4,056.39	8	4,316.67	8	4,562.04	8		8		8		8		8		8	
1/4	3,795.24	1/4	4,061.93	1/4	4,321.95	1/4	4,567.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,800.79	1/2	4,067.47	1/2	4,327.24	1/2	4,571.97	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,806.35	3/4	4,073.01	3/4	4,332.52	3/4	4,576.94	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,811.91	9	4,078.55	9	4,337.81	9	4,581.90	9		9		9		9		9		9	
1/4	3,817.46	1/4	4,084.06	1/4	4,343.04	1/4	4,586.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,823.02	1/2	4,089.58	1/2	4,348.27	1/2	4,591.79	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,828.58	3/4	4,095.10	3/4	4,353.50	3/4	4,596.74	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,834.13	10	4,100.62	10	4,358.73	10	4,601.69	10		10		10		10		10		10	
1/4	3,839.69	1/4	4,106.11	1/4	4,363.91	1/4	4,606.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,845.25	1/2	4,111.61	1/2	4,369.09	1/2	4,611.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,850.80	3/4	4,117.11	3/4	4,374.26	3/4	4,616.37	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,856.36	11	4,122.60	11	4,379.44	11	4,621.26	11		11		11		11		11		11	
1/4	3,861.92	1/4	4,128.08	1/4	4,384.60	1/4	4,626.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,867.47	1/2	4,133.55	1/2	4,389.76	1/2	4,630.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,873.03	3/4	4,139.03	3/4	4,394.91	3/4	4,635.79	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2020 JS
CALCULATED: 08/17/2020 CL
PRINTED: 08/18/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2020

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



BARGE "TMTB 101"

3 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.99	0	362.27	0	718.23	0	1,070.91	0	1,432.39	0	1,793.86	0	2,152.05	0	2,512.85	0	2,873.92	0	3,235.03
1/4	18.02	1/4	369.80	1/4	725.45	1/4	1,078.44	1/4	1,439.92	1/4	1,801.39	1/4	2,159.51	1/4	2,520.37	1/4	2,881.44	1/4	3,242.56
1/2	23.05	1/2	377.34	1/2	732.67	1/2	1,085.97	1/2	1,447.45	1/2	1,808.92	1/2	2,166.96	1/2	2,527.89	1/2	2,888.96	1/2	3,250.08
3/4	28.08	3/4	384.87	3/4	739.89	3/4	1,093.50	3/4	1,454.98	3/4	1,816.45	3/4	2,174.41	3/4	2,535.41	3/4	2,896.49	3/4	3,257.60
1	33.11	1	392.40	1	747.11	1	1,101.03	1	1,462.51	1	1,823.98	1	2,181.86	1	2,542.93	1	2,904.01	1	3,265.13
1/4	40.03	1/4	399.94	1/4	754.33	1/4	1,108.56	1/4	1,470.04	1/4	1,831.47	1/4	2,189.36	1/4	2,550.45	1/4	2,911.53	1/4	3,272.65
1/2	46.94	1/2	407.47	1/2	761.55	1/2	1,116.10	1/2	1,477.57	1/2	1,838.96	1/2	2,196.85	1/2	2,557.97	1/2	2,919.06	1/2	3,280.17
3/4	53.86	3/4	415.00	3/4	768.77	3/4	1,123.63	3/4	1,485.10	3/4	1,846.45	3/4	2,204.34	3/4	2,565.50	3/4	2,926.58	3/4	3,287.70
2	60.78	2	422.54	2	775.99	2	1,131.16	2	1,492.63	2	1,853.94	2	2,211.84	2	2,573.02	2	2,934.10	2	3,295.22
1/4	68.32	1/4	430.07	1/4	783.21	1/4	1,138.69	1/4	1,500.16	1/4	1,861.40	1/4	2,219.37	1/4	2,580.54	1/4	2,941.63	1/4	3,302.74
1/2	75.87	1/2	437.61	1/2	790.43	1/2	1,146.22	1/2	1,507.69	1/2	1,868.85	1/2	2,226.90	1/2	2,588.06	1/2	2,949.15	1/2	3,310.27
3/4	83.41	3/4	445.14	3/4	797.65	3/4	1,153.75	3/4	1,515.22	3/4	1,876.30	3/4	2,234.43	3/4	2,595.58	3/4	2,956.67	3/4	3,317.79
3	90.96	3	452.67	3	804.87	3	1,161.28	3	1,522.75	3	1,883.76	3	2,241.96	3	2,603.10	3	2,964.20	3	3,325.31
1/4	98.50	1/4	460.21	1/4	812.10	1/4	1,168.81	1/4	1,530.28	1/4	1,891.21	1/4	2,249.49	1/4	2,610.62	1/4	2,971.72	1/4	3,332.84
1/2	106.05	1/2	467.74	1/2	819.34	1/2	1,176.34	1/2	1,537.81	1/2	1,898.66	1/2	2,257.01	1/2	2,618.14	1/2	2,979.24	1/2	3,340.36
3/4	113.59	3/4	475.28	3/4	826.58	3/4	1,183.87	3/4	1,545.35	3/4	1,906.11	3/4	2,264.54	3/4	2,625.66	3/4	2,986.77	3/4	3,347.88
4	121.14	4	482.81	4	833.81	4	1,191.40	4	1,552.88	4	1,913.57	4	2,272.07	4	2,633.19	4	2,994.29	4	3,355.41
1/4	128.68	1/4	490.34	1/4	841.07	1/4	1,198.93	1/4	1,560.41	1/4	1,921.02	1/4	2,279.59	1/4	2,640.71	1/4	3,001.81	1/4	3,362.93
1/2	136.23	1/2	497.88	1/2	848.32	1/2	1,206.47	1/2	1,567.94	1/2	1,928.47	1/2	2,287.12	1/2	2,648.23	1/2	3,009.34	1/2	3,370.46
3/4	143.77	3/4	505.41	3/4	855.57	3/4	1,214.00	3/4	1,575.47	3/4	1,935.92	3/4	2,294.64	3/4	2,655.75	3/4	3,016.86	3/4	3,377.99
5	151.31	5	512.95	5	862.83	5	1,221.53	5	1,583.00	5	1,943.38	5	2,302.17	5	2,663.27	5	3,024.38	5	3,385.52
1/4	158.85	1/4	520.48	1/4	870.08	1/4	1,229.06	1/4	1,590.53	1/4	1,950.83	1/4	2,309.70	1/4	2,670.79	1/4	3,031.91	1/4	3,393.05
1/2	166.39	1/2	528.01	1/2	877.33	1/2	1,236.59	1/2	1,598.06	1/2	1,958.28	1/2	2,317.22	1/2	2,678.31	1/2	3,039.43	1/2	3,400.58
3/4	173.92	3/4	535.55	3/4	884.59	3/4	1,244.12	3/4	1,605.59	3/4	1,965.73	3/4	2,324.75	3/4	2,685.83	3/4	3,046.95	3/4	3,408.12
6	181.46	6	543.08	6	891.84	6	1,251.65	6	1,613.12	6	1,973.19	6	2,332.28	6	2,693.36	6	3,054.48	6	3,415.65
1/4	188.99	1/4	550.62	1/4	899.09	1/4	1,259.18	1/4	1,620.65	1/4	1,980.64	1/4	2,339.80	1/4	2,700.88	1/4	3,062.00	1/4	3,423.18
1/2	196.53	1/2	558.15	1/2	906.34	1/2	1,266.71	1/2	1,628.18	1/2	1,988.09	1/2	2,347.33	1/2	2,708.40	1/2	3,069.52	1/2	3,430.71
3/4	204.06	3/4	565.68	3/4	913.60	3/4	1,274.24	3/4	1,635.71	3/4	1,995.55	3/4	2,354.86	3/4	2,715.93	3/4	3,077.05	3/4	3,438.24
7	211.59	7	573.22	7	920.85	7	1,281.77	7	1,643.24	7	2,003.00	7	2,362.38	7	2,723.45	7	3,084.57	7	3,445.78
1/4	219.13	1/4	580.59	1/4	928.24	1/4	1,289.30	1/4	1,650.77	1/4	2,010.45	1/4	2,369.91	1/4	2,730.97	1/4	3,092.09	1/4	3,453.31
1/2	226.66	1/2	587.97	1/2	935.63	1/2	1,296.83	1/2	1,658.30	1/2	2,017.90	1/2	2,377.44	1/2	2,738.50	1/2	3,099.61	1/2	3,460.85
3/4	234.19	3/4	595.35	3/4	943.03	3/4	1,304.37	3/4	1,665.83	3/4	2,025.36	3/4	2,384.96	3/4	2,746.02	3/4	3,107.14	3/4	3,468.39
8	241.73	8	602.72	8	950.42	8	1,311.90	8	1,673.37	8	2,032.81	8	2,392.49	8	2,753.54	8	3,114.66	8	3,475.93
1/4	249.26	1/4	609.94	1/4	957.95	1/4	1,319.43	1/4	1,680.90	1/4	2,040.26	1/4	2,400.01	1/4	2,761.07	1/4	3,122.18	1/4	3,483.47
1/2	256.79	1/2	617.16	1/2	965.48	1/2	1,326.96	1/2	1,688.43	1/2	2,047.71	1/2	2,407.54	1/2	2,768.59	1/2	3,129.71	1/2	3,491.02
3/4	264.33	3/4	624.38	3/4	973.01	3/4	1,334.49	3/4	1,695.96	3/4	2,055.17	3/4	2,415.06	3/4	2,776.11	3/4	3,137.23	3/4	3,498.56
9	271.86	9	631.60	9	980.54	9	1,342.02	9	1,703.49	9	2,062.62	9	2,422.59	9	2,783.64	9	3,144.75	9	3,506.11
1/4	279.39	1/4	638.82	1/4	988.07	1/4	1,349.55	1/4	1,711.02	1/4	2,070.07	1/4	2,430.11	1/4	2,791.16	1/4	3,152.28	1/4	3,513.65
1/2	286.93	1/2	646.04	1/2	995.60	1/2	1,357.08	1/2	1,718.55	1/2	2,077.53	1/2	2,437.63	1/2	2,798.68	1/2	3,159.80	1/2	3,521.19
3/4	294.46	3/4	653.26	3/4	1,003.13	3/4	1,364.61	3/4	1,726.08	3/4	2,084.98	3/4	2,445.16	3/4	2,806.21	3/4	3,167.32	3/4	3,528.74
10	302.00	10	660.48	10	1,010.66	10	1,372.14	10	1,733.61	10	2,092.43	10	2,452.68	10	2,813.73	10	3,174.85	10	3,536.28
1/4	309.53	1/4	667.70	1/4	1,018.20	1/4	1,379.67	1/4	1,741.14	1/4	2,099.88	1/4	2,460.20	1/4	2,821.25	1/4	3,182.37	1/4	3,543.83
1/2	317.06	1/2	674.92	1/2	1,025.73	1/2	1,387.20	1/2	1,748.67	1/2	2,107.34	1/2	2,467.72	1/2	2,828.78	1/2	3,189.89	1/2	3,551.37
3/4	324.60	3/4	682.14	3/4	1,033.26	3/4	1,394.73	3/4	1,756.20	3/4	2,114.79	3/4	2,475.24	3/4	2,836.30	3/4	3,197.42	3/4	3,558.91
11	332.13	11	689.36	11	1,040.79	11	1,402.26	11	1,763.73	11	2,122.24	11	2,482.76	11	2,843.82	11	3,204.94	11	3,566.46
1/4	339.67	1/4	696.58	1/4	1,048.32	1/4	1,409.79	1/4	1,771.26	1/4	2,129.69	1/4	2,490.28	1/4	2,851.35	1/4	3,212.46	1/4	3,574.00
1/2	347.20	1/2	703.80	1/2	1,055.85	1/2	1,417.33	1/2	1,778.79	1/2	2,137.15	1/2	2,497.81	1/2	2,858.87	1/2	3,219.99	1/2	3,581.55
3/4	354.73	3/4	711.01	3/4	1,063.38	3/4	1,424.86	3/4	1,786.32	3/4	2,144.60	3/4	2,505.33	3/4	2,866.39	3/4	3,227.51	3/4	3,589.09

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 1/2" 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 101"

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	3,596.63	0	3,868.15	0	4,134.91	0	4,391.32	0	4,632.73	0		0		0		0		0	
1/4	3,603.19	1/4	3,873.72	1/4	4,140.38	1/4	4,396.47	1/4	4,637.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,609.75	1/2	3,879.30	1/2	4,145.85	1/2	4,401.63	1/2	4,642.41	1/2		1/2		1/2		1/2		1/2	
3/4	3,616.31	3/4	3,884.87	3/4	4,151.32	3/4	4,406.78	3/4	4,647.24	3/4		3/4		3/4		3/4		3/4	
1	3,622.87	1	3,890.45	1	4,156.80	1	4,411.93	1	4,652.08	1		1		1		1		1	
1/4	3,628.44	1/4	3,896.02	1/4	4,162.25	1/4	4,417.07	1/4	4,657.22	1/4		1/4		1/4		1/4		1/4	
1/2	3,634.02	1/2	3,901.60	1/2	4,167.70	1/2	4,422.20	1/2	4,662.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,639.59	3/4	3,907.17	3/4	4,173.15	3/4	4,427.33	3/4	4,667.50	3/4		3/4		3/4		3/4		3/4	
2	3,645.17	2	3,912.74	2	4,178.60	2	4,432.46	2	4,672.64	2		2		2		2		2	
1/4	3,650.74	1/4	3,918.32	1/4	4,184.03	1/4	4,437.57	1/4	4,678.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,656.32	1/2	3,923.89	1/2	4,189.46	1/2	4,442.68	1/2	4,683.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,661.89	3/4	3,929.47	3/4	4,194.89	3/4	4,447.79	3/4	4,688.98	3/4		3/4		3/4		3/4		3/4	
3	3,667.47	3	3,935.04	3	4,200.31	3	4,452.90	3	4,694.43	3		3		3		3		3	
1/4	3,673.04	1/4	3,940.62	1/4	4,205.72	1/4	4,457.99	1/4	4,699.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,678.62	1/2	3,946.19	1/2	4,211.13	1/2	4,463.08	1/2	4,705.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,684.19	3/4	3,951.77	3/4	4,216.54	3/4	4,468.17	3/4	4,710.78	3/4		3/4		3/4		3/4		3/4	
4	3,689.76	4	3,957.34	4	4,221.95	4	4,473.26	4	4,716.22	4		4		4		4		4	
1/4	3,695.34	1/4	3,962.91	1/4	4,227.34	1/4	4,478.33	1/4	4,721.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,700.91	1/2	3,968.49	1/2	4,232.72	1/2	4,483.40	1/2	4,726.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,706.49	3/4	3,974.06	3/4	4,238.11	3/4	4,488.47	3/4	4,731.44	3/4		3/4		3/4		3/4		3/4	
5	3,712.06	5	3,979.64	5	4,243.50	5	4,493.54	5	4,736.51	5		5		5		5		5	
1/4	3,717.64	1/4	3,985.21	1/4	4,248.86	1/4	4,498.58	1/4	4,740.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,723.21	1/2	3,990.79	1/2	4,254.23	1/2	4,503.63	1/2	4,744.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,728.79	3/4	3,996.36	3/4	4,259.60	3/4	4,508.68	3/4	4,748.33	3/4		3/4		3/4		3/4		3/4	
6	3,734.36	6	4,001.94	6	4,264.96	6	4,513.73	6	4,752.27	6		6		6		6		6	
1/4	3,739.93	1/4	4,007.51	1/4	4,270.31	1/4	4,518.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,745.51	1/2	4,013.09	1/2	4,275.65	1/2	4,523.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,751.08	3/4	4,018.66	3/4	4,281.00	3/4	4,528.81	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,756.66	7	4,024.23	7	4,286.34	7	4,533.83	7		7		7		7		7		7	
1/4	3,762.23	1/4	4,029.81	1/4	4,291.66	1/4	4,538.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,767.81	1/2	4,035.38	1/2	4,296.99	1/2	4,543.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,773.38	3/4	4,040.95	3/4	4,302.31	3/4	4,548.85	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,778.96	8	4,046.52	8	4,307.64	8	4,553.85	8		8		8		8		8		8	
1/4	3,784.53	1/4	4,052.07	1/4	4,312.94	1/4	4,558.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,790.11	1/2	4,057.63	1/2	4,318.24	1/2	4,563.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,795.68	3/4	4,063.19	3/4	4,323.54	3/4	4,568.81	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,801.25	9	4,068.74	9	4,328.85	9	4,573.79	9		9		9		9		9		9	
1/4	3,806.83	1/4	4,074.28	1/4	4,334.10	1/4	4,578.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,812.40	1/2	4,079.81	1/2	4,339.35	1/2	4,583.72	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,817.98	3/4	4,085.35	3/4	4,344.59	3/4	4,588.68	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,823.55	10	4,090.88	10	4,349.84	10	4,593.64	10		10		10		10		10		10	
1/4	3,829.13	1/4	4,096.40	1/4	4,355.04	1/4	4,598.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,834.70	1/2	4,101.91	1/2	4,360.23	1/2	4,603.47	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,840.28	3/4	4,107.42	3/4	4,365.43	3/4	4,608.38	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,845.85	11	4,112.94	11	4,370.62	11	4,613.29	11		11		11		11		11		11	
1/4	3,851.42	1/4	4,118.43	1/4	4,375.80	1/4	4,618.15	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,857.00	1/2	4,123.92	1/2	4,380.97	1/2	4,623.01	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,862.57	3/4	4,129.42	3/4	4,386.15	3/4	4,627.87	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/17/2020 JS
CALCULATED: 08/17/2020 CL
PRINTED: 08/18/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

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