



BARGE "TMTB 105"

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

(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 01-0/0"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-01'

LENGTH BETWEEN DRAFT MARKS: 236'-00"

January 12, 2021

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



BARGE "TMTB 105"

1 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	10.20	0	259.86	0	540.85	0	843.91	0	1,168.54	0	1,499.40	0	1,830.25	0	2,161.06	0	2,491.81	0	2,822.55
1/4	13.53	1/4	265.51	1/4	546.93	1/4	850.48	1/4	1,175.44	1/4	1,506.29	1/4	1,837.14	1/4	2,167.95	1/4	2,498.70	1/4	2,829.44
1/2	16.86	1/2	271.17	1/2	553.02	1/2	857.05	1/2	1,182.33	1/2	1,513.18	1/2	1,844.04	1/2	2,174.84	1/2	2,505.59	1/2	2,836.33
3/4	20.19	3/4	276.82	3/4	559.11	3/4	863.61	3/4	1,189.22	3/4	1,520.08	3/4	1,850.93	3/4	2,181.73	3/4	2,512.48	3/4	2,843.22
1	23.52	1	282.47	1	565.20	1	870.18	1	1,196.11	1	1,526.97	1	1,857.82	1	2,188.62	1	2,519.37	1	2,850.11
1/4	28.18	1/4	288.16	1/4	571.32	1/4	876.79	1/4	1,203.01	1/4	1,533.86	1/4	1,864.72	1/4	2,195.51	1/4	2,526.26	1/4	2,857.00
1/2	32.84	1/2	293.85	1/2	577.45	1/2	883.40	1/2	1,209.90	1/2	1,540.75	1/2	1,871.61	1/2	2,202.40	1/2	2,533.15	1/2	2,863.89
3/4	37.50	3/4	299.54	3/4	583.58	3/4	890.00	3/4	1,216.79	3/4	1,547.65	3/4	1,878.50	3/4	2,209.29	3/4	2,540.04	3/4	2,870.78
2	42.16	2	305.23	2	589.70	2	896.61	2	1,223.69	2	1,554.54	2	1,885.39	2	2,216.19	2	2,546.93	2	2,877.67
1/4	47.43	1/4	310.96	1/4	595.87	1/4	903.25	1/4	1,230.58	1/4	1,561.43	1/4	1,892.29	1/4	2,223.08	1/4	2,553.82	1/4	2,884.56
1/2	52.70	1/2	316.69	1/2	602.03	1/2	909.90	1/2	1,237.47	1/2	1,568.33	1/2	1,899.18	1/2	2,229.97	1/2	2,560.71	1/2	2,891.45
3/4	57.97	3/4	322.42	3/4	608.19	3/4	916.54	3/4	1,244.36	3/4	1,575.22	3/4	1,906.07	3/4	2,236.86	3/4	2,567.60	3/4	2,898.34
3	63.24	3	328.15	3	614.36	3	923.19	3	1,251.26	3	1,582.11	3	1,912.97	3	2,243.75	3	2,574.49	3	2,905.24
1/4	68.55	1/4	333.91	1/4	620.57	1/4	929.87	1/4	1,258.15	1/4	1,589.00	1/4	1,919.86	1/4	2,250.64	1/4	2,581.38	1/4	2,912.13
1/2	73.86	1/2	339.68	1/2	626.79	1/2	936.55	1/2	1,265.04	1/2	1,595.90	1/2	1,926.75	1/2	2,257.53	1/2	2,588.27	1/2	2,919.02
3/4	79.17	3/4	345.45	3/4	633.00	3/4	943.24	3/4	1,271.93	3/4	1,602.79	3/4	1,933.64	3/4	2,264.42	3/4	2,595.16	3/4	2,925.91
4	84.48	4	351.21	4	639.21	4	949.92	4	1,278.83	4	1,609.68	4	1,940.54	4	2,271.31	4	2,602.05	4	2,932.80
1/4	89.82	1/4	357.02	1/4	645.48	1/4	956.64	1/4	1,285.72	1/4	1,616.57	1/4	1,947.43	1/4	2,278.20	1/4	2,608.94	1/4	2,939.69
1/2	95.17	1/2	362.83	1/2	651.74	1/2	963.36	1/2	1,292.61	1/2	1,623.47	1/2	1,954.32	1/2	2,285.09	1/2	2,615.83	1/2	2,946.58
3/4	100.52	3/4	368.63	3/4	658.00	3/4	970.08	3/4	1,299.51	3/4	1,630.36	3/4	1,961.21	3/4	2,291.98	3/4	2,622.72	3/4	2,953.47
5	105.87	5	374.44	5	664.27	5	976.80	5	1,306.40	5	1,637.25	5	1,968.11	5	2,298.87	5	2,629.62	5	2,960.36
1/4	111.25	1/4	380.28	1/4	670.57	1/4	983.56	1/4	1,313.29	1/4	1,644.15	1/4	1,975.00	1/4	2,305.76	1/4	2,636.51	1/4	2,967.25
1/2	116.64	1/2	386.12	1/2	676.87	1/2	990.32	1/2	1,320.18	1/2	1,651.04	1/2	1,981.89	1/2	2,312.65	1/2	2,643.40	1/2	2,974.14
3/4	122.02	3/4	391.96	3/4	683.17	3/4	997.08	3/4	1,327.08	3/4	1,657.93	3/4	1,988.79	3/4	2,319.54	3/4	2,650.29	3/4	2,981.03
6	127.41	6	397.81	6	689.47	6	1,003.84	6	1,333.97	6	1,664.82	6	1,995.68	6	2,326.43	6	2,657.18	6	2,987.92
1/4	132.83	1/4	403.69	1/4	695.81	1/4	1,010.64	1/4	1,340.86	1/4	1,671.72	1/4	2,002.57	1/4	2,333.32	1/4	2,664.07	1/4	2,994.81
1/2	138.25	1/2	409.57	1/2	702.15	1/2	1,017.44	1/2	1,347.76	1/2	1,678.61	1/2	2,009.46	1/2	2,340.21	1/2	2,670.96	1/2	3,001.70
3/4	143.68	3/4	415.45	3/4	708.49	3/4	1,024.23	3/4	1,354.65	3/4	1,685.50	3/4	2,016.36	3/4	2,347.10	3/4	2,677.85	3/4	3,008.59
7	149.10	7	421.33	7	714.83	7	1,031.03	7	1,361.54	7	1,692.40	7	2,023.25	7	2,354.00	7	2,684.74	7	3,015.48
1/4	154.56	1/4	427.24	1/4	721.21	1/4	1,037.87	1/4	1,368.43	1/4	1,699.29	1/4	2,030.14	1/4	2,360.89	1/4	2,691.63	1/4	3,022.37
1/2	160.02	1/2	433.15	1/2	727.59	1/2	1,044.70	1/2	1,375.33	1/2	1,706.18	1/2	2,037.03	1/2	2,367.78	1/2	2,698.52	1/2	3,029.26
3/4	165.49	3/4	439.06	3/4	733.96	3/4	1,051.54	3/4	1,382.22	3/4	1,713.07	3/4	2,043.92	3/4	2,374.67	3/4	2,705.41	3/4	3,036.15
8	170.95	8	444.97	8	740.34	8	1,058.37	8	1,389.11	8	1,719.97	8	2,050.81	8	2,381.56	8	2,712.30	8	3,043.05
1/4	176.45	1/4	450.90	1/4	746.76	1/4	1,065.24	1/4	1,396.01	1/4	1,726.86	1/4	2,057.70	1/4	2,388.45	1/4	2,719.19	1/4	3,049.94
1/2	181.95	1/2	456.84	1/2	753.17	1/2	1,072.11	1/2	1,402.90	1/2	1,733.75	1/2	2,064.59	1/2	2,395.34	1/2	2,726.08	1/2	3,056.83
3/4	187.45	3/4	462.77	3/4	759.59	3/4	1,078.98	3/4	1,409.79	3/4	1,740.65	3/4	2,071.48	3/4	2,402.23	3/4	2,732.97	3/4	3,063.72
9	192.95	9	468.71	9	766.00	9	1,085.85	9	1,416.68	9	1,747.54	9	2,078.38	9	2,409.12	9	2,739.86	9	3,070.61
1/4	198.48	1/4	474.68	1/4	772.46	1/4	1,092.74	1/4	1,423.58	1/4	1,754.43	1/4	2,085.27	1/4	2,416.01	1/4	2,746.75	1/4	3,077.50
1/2	204.02	1/2	480.65	1/2	778.91	1/2	1,099.62	1/2	1,430.47	1/2	1,761.32	1/2	2,092.16	1/2	2,422.90	1/2	2,753.64	1/2	3,084.39
3/4	209.56	3/4	486.63	3/4	785.37	3/4	1,106.51	3/4	1,437.36	3/4	1,768.22	3/4	2,099.05	3/4	2,429.79	3/4	2,760.53	3/4	3,091.28
10	215.10	10	492.60	10	791.82	10	1,113.40	10	1,444.25	10	1,775.11	10	2,105.94	10	2,436.68	10	2,767.43	10	3,098.17
1/4	220.68	1/4	498.61	1/4	798.31	1/4	1,120.29	1/4	1,451.15	1/4	1,782.00	1/4	2,112.83	1/4	2,443.57	1/4	2,774.32	1/4	3,105.06
1/2	226.25	1/2	504.62	1/2	804.80	1/2	1,127.19	1/2	1,458.04	1/2	1,788.89	1/2	2,119.72	1/2	2,450.46	1/2	2,781.21	1/2	3,111.95
3/4	231.83	3/4	510.64	3/4	811.30	3/4	1,134.08	3/4	1,464.93	3/4	1,795.79	3/4	2,126.61	3/4	2,457.35	3/4	2,788.10	3/4	3,118.84
11	237.40	11	516.65	11	817.79	11	1,140.97	11	1,471.83	11	1,802.68	11	2,133.50	11	2,464.24	11	2,794.99	11	3,125.73
1/4	243.02	1/4	522.70	1/4	824.32	1/4	1,147.86	1/4	1,478.72	1/4	1,809.57	1/4	2,140.39	1/4	2,471.13	1/4	2,801.88	1/4	3,132.62
1/2	248.63	1/2	528.75	1/2	830.85	1/2	1,154.76	1/2	1,485.61	1/2	1,816.47	1/2	2,147.28	1/2	2,478.02	1/2	2,808.77	1/2	3,139.51
3/4	254.25	3/4	534.80	3/4	837.38	3/4	1,161.65	3/4	1,492.50	3/4	1,823.36	3/4	2,154.17	3/4	2,484.91	3/4	2,815.66	3/4	3,146.40

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 105"

1 PORT

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	3,153.29	0	3,484.04	0	3,813.77	0	4,131.07	0	4,431.21	0		0		0		0		0	
1/4	3,160.18	1/4	3,490.93	1/4	3,820.53	1/4	4,137.48	1/4	4,437.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,167.07	1/2	3,497.82	1/2	3,827.29	1/2	4,143.89	1/2	4,443.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,173.96	3/4	3,504.71	3/4	3,834.05	3/4	4,150.30	3/4	4,449.21	3/4		3/4		3/4		3/4		3/4	
1	3,180.86	1	3,511.60	1	3,840.82	1	4,156.71	1	4,455.21	1		1		1		1		1	
1/4	3,187.75	1/4	3,518.49	1/4	3,847.55	1/4	4,163.09	1/4	4,461.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,194.64	1/2	3,525.38	1/2	3,854.29	1/2	4,169.47	1/2	4,467.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,201.53	3/4	3,532.27	3/4	3,861.03	3/4	4,175.86	3/4	4,474.33	3/4		3/4		3/4		3/4		3/4	
2	3,208.42	2	3,539.16	2	3,867.76	2	4,182.24	2	4,480.70	2		2		2		2		2	
1/4	3,215.31	1/4	3,546.05	1/4	3,874.48	1/4	4,188.60	1/4	4,487.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,222.20	1/2	3,552.94	1/2	3,881.19	1/2	4,194.95	1/2	4,494.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,229.09	3/4	3,559.83	3/4	3,887.90	3/4	4,201.31	3/4	4,500.96	3/4		3/4		3/4		3/4		3/4	
3	3,235.98	3	3,566.72	3	3,894.61	3	4,207.67	3	4,507.72	3		3		3		3		3	
1/4	3,242.87	1/4	3,573.61	1/4	3,901.29	1/4	4,214.00	1/4	4,514.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,249.76	1/2	3,580.50	1/2	3,907.98	1/2	4,220.33	1/2	4,521.23	1/2		1/2		1/2		1/2		1/2	
3/4	3,256.65	3/4	3,587.39	3/4	3,914.66	3/4	4,226.66	3/4	4,527.98	3/4		3/4		3/4		3/4		3/4	
4	3,263.54	4	3,594.29	4	3,921.34	4	4,232.99	4	4,534.74	4		4		4		4		4	
1/4	3,270.43	1/4	3,601.18	1/4	3,928.00	1/4	4,239.29	1/4	4,541.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,277.32	1/2	3,608.07	1/2	3,934.66	1/2	4,245.59	1/2	4,547.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,284.21	3/4	3,614.96	3/4	3,941.32	3/4	4,251.90	3/4	4,553.97	3/4		3/4		3/4		3/4		3/4	
5	3,291.10	5	3,621.85	5	3,947.98	5	4,258.20	5	4,560.39	5		5		5		5		5	
1/4	3,297.99	1/4	3,628.74	1/4	3,954.61	1/4	4,264.48	1/4	4,565.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,304.88	1/2	3,635.63	1/2	3,961.24	1/2	4,270.76	1/2	4,571.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,311.77	3/4	3,642.52	3/4	3,967.87	3/4	4,277.04	3/4	4,576.52	3/4		3/4		3/4		3/4		3/4	
6	3,318.67	6	3,649.41	6	3,974.50	6	4,283.31	6	4,581.90	6		6		6		6		6	
1/4	3,325.56	1/4	3,656.30	1/4	3,981.11	1/4	4,289.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,332.45	1/2	3,663.19	1/2	3,987.72	1/2	4,295.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,339.34	3/4	3,670.08	3/4	3,994.32	3/4	4,302.07	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,346.23	7	3,676.97	7	4,000.93	7	4,308.32	7		7		7		7		7		7	
1/4	3,353.12	1/4	3,683.86	1/4	4,007.51	1/4	4,314.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,360.01	1/2	3,690.74	1/2	4,014.09	1/2	4,320.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,366.90	3/4	3,697.63	3/4	4,020.67	3/4	4,327.00	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,373.79	8	3,704.51	8	4,027.25	8	4,333.22	8		8		8		8		8		8	
1/4	3,380.68	1/4	3,711.38	1/4	4,033.80	1/4	4,339.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,387.57	1/2	3,718.25	1/2	4,040.35	1/2	4,345.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,394.46	3/4	3,725.12	3/4	4,046.91	3/4	4,351.82	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,401.35	9	3,731.98	9	4,053.46	9	4,358.02	9		9		9		9		9		9	
1/4	3,408.24	1/4	3,738.83	1/4	4,059.97	1/4	4,364.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,415.13	1/2	3,745.67	1/2	4,066.47	1/2	4,370.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,422.02	3/4	3,752.51	3/4	4,072.98	3/4	4,376.54	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,428.91	10	3,759.35	10	4,079.49	10	4,382.71	10		10		10		10		10		10	
1/4	3,435.80	1/4	3,766.16	1/4	4,085.95	1/4	4,388.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,442.69	1/2	3,772.98	1/2	4,092.41	1/2	4,394.91	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,449.58	3/4	3,779.79	3/4	4,098.87	3/4	4,401.01	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,456.48	11	3,786.61	11	4,105.33	11	4,407.11	11		11		11		11		11		11	
1/4	3,463.37	1/4	3,793.40	1/4	4,111.77	1/4	4,413.14	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,470.26	1/2	3,800.19	1/2	4,118.20	1/2	4,419.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,477.15	3/4	3,806.98	3/4	4,124.64	3/4	4,425.19	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2021 JS
CALCULATED: 01/12/2021 CL
PRINTED: 01/13/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "TMTB 105"

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	259.77	0	540.19	0	842.36	0	1,166.81	0	1,497.46	0	1,828.12	0	2,158.73	0	2,489.28	0	2,819.83
1/4	13.53	1/4	265.42	1/4	546.25	1/4	848.93	1/4	1,173.70	1/4	1,504.35	1/4	1,835.01	1/4	2,165.62	1/4	2,496.17	1/4	2,826.72
1/2	16.86	1/2	271.07	1/2	552.31	1/2	855.49	1/2	1,180.58	1/2	1,511.24	1/2	1,841.90	1/2	2,172.51	1/2	2,503.05	1/2	2,833.60
3/4	20.19	3/4	276.72	3/4	558.37	3/4	862.06	3/4	1,187.47	3/4	1,518.13	3/4	1,848.79	3/4	2,179.39	3/4	2,509.94	3/4	2,840.49
1	23.52	1	282.37	1	564.43	1	868.62	1	1,194.36	1	1,525.02	1	1,855.68	1	2,186.28	1	2,516.83	1	2,847.37
1/4	28.17	1/4	288.06	1/4	570.53	1/4	875.22	1/4	1,201.25	1/4	1,531.91	1/4	1,862.57	1/4	2,193.17	1/4	2,523.71	1/4	2,854.26
1/2	32.83	1/2	293.75	1/2	576.63	1/2	881.83	1/2	1,208.14	1/2	1,538.80	1/2	1,869.45	1/2	2,200.05	1/2	2,530.60	1/2	2,861.15
3/4	37.49	3/4	299.44	3/4	582.73	3/4	888.43	3/4	1,215.03	3/4	1,545.69	3/4	1,876.34	3/4	2,206.94	3/4	2,537.49	3/4	2,868.03
2	42.14	2	305.12	2	588.83	2	895.03	2	1,221.92	2	1,552.57	2	1,883.23	2	2,213.83	2	2,544.37	2	2,874.92
1/4	47.41	1/4	310.85	1/4	594.96	1/4	901.67	1/4	1,228.81	1/4	1,559.46	1/4	1,890.12	1/4	2,220.71	1/4	2,551.26	1/4	2,881.81
1/2	52.68	1/2	316.58	1/2	601.10	1/2	908.31	1/2	1,235.69	1/2	1,566.35	1/2	1,897.01	1/2	2,227.60	1/2	2,558.15	1/2	2,888.69
3/4	57.95	3/4	322.30	3/4	607.24	3/4	914.95	3/4	1,242.58	3/4	1,573.24	3/4	1,903.90	3/4	2,234.49	3/4	2,565.03	3/4	2,895.58
3	63.22	3	328.03	3	613.37	3	921.60	3	1,249.47	3	1,580.13	3	1,910.79	3	2,241.37	3	2,571.92	3	2,902.47
1/4	68.53	1/4	333.80	1/4	619.56	1/4	928.27	1/4	1,256.36	1/4	1,587.02	1/4	1,917.68	1/4	2,248.26	1/4	2,578.81	1/4	2,909.35
1/2	73.84	1/2	339.56	1/2	625.75	1/2	934.95	1/2	1,263.25	1/2	1,593.91	1/2	1,924.56	1/2	2,255.14	1/2	2,585.69	1/2	2,916.24
3/4	79.14	3/4	345.32	3/4	631.93	3/4	941.63	3/4	1,270.14	3/4	1,600.79	3/4	1,931.45	3/4	2,262.03	3/4	2,592.58	3/4	2,923.13
4	84.45	4	351.09	4	638.12	4	948.31	4	1,277.03	4	1,607.68	4	1,938.34	4	2,268.92	4	2,599.46	4	2,930.01
1/4	89.80	1/4	356.89	1/4	644.35	1/4	955.03	1/4	1,283.91	1/4	1,614.57	1/4	1,945.23	1/4	2,275.80	1/4	2,606.35	1/4	2,936.90
1/2	95.14	1/2	362.69	1/2	650.59	1/2	961.75	1/2	1,290.80	1/2	1,621.46	1/2	1,952.12	1/2	2,282.69	1/2	2,613.24	1/2	2,943.78
3/4	100.49	3/4	368.50	3/4	656.82	3/4	968.46	3/4	1,297.69	3/4	1,628.35	3/4	1,959.01	3/4	2,289.58	3/4	2,620.12	3/4	2,950.67
5	105.83	5	374.30	5	663.06	5	975.18	5	1,304.58	5	1,635.24	5	1,965.90	5	2,296.46	5	2,627.01	5	2,957.56
1/4	111.22	1/4	380.14	1/4	669.33	1/4	981.94	1/4	1,311.47	1/4	1,642.13	1/4	1,972.78	1/4	2,303.35	1/4	2,633.90	1/4	2,964.44
1/2	116.60	1/2	385.98	1/2	675.61	1/2	988.69	1/2	1,318.36	1/2	1,649.02	1/2	1,979.67	1/2	2,310.24	1/2	2,640.78	1/2	2,971.33
3/4	121.98	3/4	391.82	3/4	681.88	3/4	995.45	3/4	1,325.25	3/4	1,655.90	3/4	1,986.56	3/4	2,317.12	3/4	2,647.67	3/4	2,978.22
6	127.37	6	397.66	6	688.15	6	1,002.20	6	1,332.14	6	1,662.79	6	1,993.45	6	2,324.01	6	2,654.56	6	2,985.10
1/4	132.79	1/4	403.54	1/4	694.46	1/4	1,009.00	1/4	1,339.02	1/4	1,669.68	1/4	2,000.34	1/4	2,330.89	1/4	2,661.44	1/4	2,991.99
1/2	138.21	1/2	409.42	1/2	700.78	1/2	1,015.79	1/2	1,345.91	1/2	1,676.57	1/2	2,007.23	1/2	2,337.78	1/2	2,668.33	1/2	2,998.88
3/4	143.63	3/4	415.30	3/4	707.09	3/4	1,022.58	3/4	1,352.80	3/4	1,683.46	3/4	2,014.12	3/4	2,344.67	3/4	2,675.21	3/4	3,005.76
7	149.05	7	421.18	7	713.40	7	1,029.38	7	1,359.69	7	1,690.35	7	2,021.01	7	2,351.55	7	2,682.10	7	3,012.65
1/4	154.51	1/4	427.07	1/4	719.76	1/4	1,036.21	1/4	1,366.58	1/4	1,697.24	1/4	2,027.89	1/4	2,358.44	1/4	2,688.99	1/4	3,019.53
1/2	159.97	1/2	432.96	1/2	726.12	1/2	1,043.04	1/2	1,373.47	1/2	1,704.13	1/2	2,034.78	1/2	2,365.33	1/2	2,695.87	1/2	3,026.42
3/4	165.43	3/4	438.86	3/4	732.49	3/4	1,049.87	3/4	1,380.36	3/4	1,711.01	3/4	2,041.67	3/4	2,372.21	3/4	2,702.76	3/4	3,033.31
8	170.89	8	444.75	8	738.85	8	1,056.70	8	1,387.25	8	1,717.90	8	2,048.55	8	2,379.10	8	2,709.65	8	3,040.19
1/4	176.39	1/4	450.66	1/4	745.26	1/4	1,063.57	1/4	1,394.13	1/4	1,724.79	1/4	2,055.44	1/4	2,385.99	1/4	2,716.53	1/4	3,047.08
1/2	181.89	1/2	456.57	1/2	751.67	1/2	1,070.43	1/2	1,401.02	1/2	1,731.68	1/2	2,062.33	1/2	2,392.87	1/2	2,723.42	1/2	3,053.97
3/4	187.38	3/4	462.47	3/4	758.08	3/4	1,077.30	3/4	1,407.91	3/4	1,738.57	3/4	2,069.21	3/4	2,399.76	3/4	2,730.31	3/4	3,060.85
9	192.88	9	468.38	9	764.50	9	1,084.16	9	1,414.80	9	1,745.46	9	2,076.10	9	2,406.65	9	2,737.19	9	3,067.74
1/4	198.42	1/4	474.33	1/4	770.95	1/4	1,091.05	1/4	1,421.69	1/4	1,752.35	1/4	2,082.98	1/4	2,413.53	1/4	2,744.08	1/4	3,074.63
1/2	203.95	1/2	480.27	1/2	777.40	1/2	1,097.93	1/2	1,428.58	1/2	1,759.23	1/2	2,089.87	1/2	2,420.42	1/2	2,750.97	1/2	3,081.51
3/4	209.49	3/4	486.22	3/4	783.85	3/4	1,104.81	3/4	1,435.47	3/4	1,766.12	3/4	2,096.76	3/4	2,427.30	3/4	2,757.85	3/4	3,088.40
10	215.03	10	492.17	10	790.30	10	1,111.70	10	1,442.35	10	1,773.01	10	2,103.64	10	2,434.19	10	2,764.74	10	3,095.29
1/4	220.60	1/4	498.15	1/4	796.79	1/4	1,118.59	1/4	1,449.24	1/4	1,779.90	1/4	2,110.53	1/4	2,441.08	1/4	2,771.62	1/4	3,102.17
1/2	226.17	1/2	504.13	1/2	803.28	1/2	1,125.47	1/2	1,456.13	1/2	1,786.79	1/2	2,117.42	1/2	2,447.96	1/2	2,778.51	1/2	3,109.06
3/4	231.75	3/4	510.12	3/4	809.76	3/4	1,132.36	3/4	1,463.02	3/4	1,793.68	3/4	2,124.30	3/4	2,454.85	3/4	2,785.40	3/4	3,115.94
11	237.32	11	516.10	11	816.25	11	1,139.25	11	1,469.91	11	1,800.57	11	2,131.19	11	2,461.74	11	2,792.28	11	3,122.83
1/4	242.93	1/4	522.13	1/4	822.78	1/4	1,146.14	1/4	1,476.80	1/4	1,807.46	1/4	2,138.08	1/4	2,468.62	1/4	2,799.17	1/4	3,129.72
1/2	248.55	1/2	528.15	1/2	829.31	1/2	1,153.03	1/2	1,483.69	1/2	1,814.34	1/2	2,144.96	1/2	2,475.51	1/2	2,806.06	1/2	3,136.60
3/4	254.16	3/4	534.17	3/4	835.83	3/4	1,159.92	3/4	1,490.58	3/4	1,821.23	3/4	2,151.85	3/4	2,482.40	3/4	2,812.94	3/4	3,143.49

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 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 105"

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	3,150.38	0	3,480.92	0	3,810.46	0	4,127.59	0	4,427.58	0		0		0		0		0	
1/4	3,157.26	1/4	3,487.81	1/4	3,817.22	1/4	4,133.99	1/4	4,433.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,164.15	1/2	3,494.70	1/2	3,823.98	1/2	4,140.40	1/2	4,439.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,171.04	3/4	3,501.58	3/4	3,830.74	3/4	4,146.81	3/4	4,445.57	3/4		3/4		3/4		3/4		3/4	
1	3,177.92	1	3,508.47	1	3,837.49	1	4,153.21	1	4,451.57	1		1		1		1		1	
1/4	3,184.81	1/4	3,515.36	1/4	3,844.23	1/4	4,159.59	1/4	4,457.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,191.69	1/2	3,522.24	1/2	3,850.96	1/2	4,165.97	1/2	4,464.30	1/2		1/2		1/2		1/2		1/2	
3/4	3,198.58	3/4	3,529.13	3/4	3,857.69	3/4	4,172.35	3/4	4,470.67	3/4		3/4		3/4		3/4		3/4	
2	3,205.47	2	3,536.01	2	3,864.43	2	4,178.73	2	4,477.04	2		2		2		2		2	
1/4	3,212.35	1/4	3,542.90	1/4	3,871.13	1/4	4,185.08	1/4	4,483.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,219.24	1/2	3,549.79	1/2	3,877.84	1/2	4,191.43	1/2	4,490.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,226.13	3/4	3,556.67	3/4	3,884.55	3/4	4,197.79	3/4	4,497.29	3/4		3/4		3/4		3/4		3/4	
3	3,233.01	3	3,563.56	3	3,891.25	3	4,204.14	3	4,504.04	3		3		3		3		3	
1/4	3,239.90	1/4	3,570.45	1/4	3,897.93	1/4	4,210.47	1/4	4,510.80	1/4		1/4		1/4		1/4		1/4	
1/2	3,246.79	1/2	3,577.33	1/2	3,904.61	1/2	4,216.79	1/2	4,517.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,253.67	3/4	3,584.22	3/4	3,911.29	3/4	4,223.12	3/4	4,524.30	3/4		3/4		3/4		3/4		3/4	
4	3,260.56	4	3,591.11	4	3,917.97	4	4,229.45	4	4,531.05	4		4		4		4		4	
1/4	3,267.45	1/4	3,597.99	1/4	3,924.63	1/4	4,235.75	1/4	4,537.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,274.33	1/2	3,604.88	1/2	3,931.28	1/2	4,242.05	1/2	4,543.87	1/2		1/2		1/2		1/2		1/2	
3/4	3,281.22	3/4	3,611.77	3/4	3,937.94	3/4	4,248.35	3/4	4,550.28	3/4		3/4		3/4		3/4		3/4	
5	3,288.10	5	3,618.65	5	3,944.59	5	4,254.65	5	4,556.69	5		5		5		5		5	
1/4	3,294.99	1/4	3,625.54	1/4	3,951.22	1/4	4,260.93	1/4	4,562.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,301.88	1/2	3,632.42	1/2	3,957.85	1/2	4,267.20	1/2	4,567.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,308.76	3/4	3,639.31	3/4	3,964.48	3/4	4,273.48	3/4	4,572.81	3/4		3/4		3/4		3/4		3/4	
6	3,315.65	6	3,646.20	6	3,971.10	6	4,279.75	6	4,578.19	6		6		6		6		6	
1/4	3,322.54	1/4	3,653.08	1/4	3,977.71	1/4	4,286.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,329.42	1/2	3,659.97	1/2	3,984.31	1/2	4,292.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,336.31	3/4	3,666.86	3/4	3,990.91	3/4	4,298.50	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,343.20	7	3,673.74	7	3,997.51	7	4,304.75	7		7		7		7		7		7	
1/4	3,350.08	1/4	3,680.62	1/4	4,004.09	1/4	4,310.97	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,356.97	1/2	3,687.51	1/2	4,010.66	1/2	4,317.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,363.85	3/4	3,694.39	3/4	4,017.24	3/4	4,323.41	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,370.74	8	3,701.27	8	4,023.82	8	4,329.64	8		8		8		8		8		8	
1/4	3,377.63	1/4	3,708.13	1/4	4,030.37	1/4	4,335.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,384.51	1/2	3,715.00	1/2	4,036.92	1/2	4,342.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,391.40	3/4	3,721.86	3/4	4,043.47	3/4	4,348.22	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,398.29	9	3,728.72	9	4,050.02	9	4,354.42	9		9		9		9		9		9	
1/4	3,405.17	1/4	3,735.56	1/4	4,056.52	1/4	4,360.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,412.06	1/2	3,742.40	1/2	4,063.02	1/2	4,366.76	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,418.95	3/4	3,749.24	3/4	4,069.53	3/4	4,372.93	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,425.83	10	3,756.07	10	4,076.03	10	4,379.10	10		10		10		10		10		10	
1/4	3,432.72	1/4	3,762.88	1/4	4,082.49	1/4	4,385.20	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,439.61	1/2	3,769.70	1/2	4,088.95	1/2	4,391.29	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,446.49	3/4	3,776.51	3/4	4,095.40	3/4	4,397.39	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,453.38	11	3,783.32	11	4,101.86	11	4,403.49	11		11		11		11		11		11	
1/4	3,460.26	1/4	3,790.10	1/4	4,108.29	1/4	4,409.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,467.15	1/2	3,796.89	1/2	4,114.73	1/2	4,415.53	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,474.04	3/4	3,803.67	3/4	4,121.16	3/4	4,421.56	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2021 JS
CALCULATED: 01/12/2021 CL
PRINTED: 01/13/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "TMTB 105"

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	13.90	0	389.01	0	777.20	0	1,165.49	0	1,554.10	0	1,942.71	0	2,331.32	0	2,719.88	0	3,108.38	0	3,496.88
1/4	19.30	1/4	397.10	1/4	785.27	1/4	1,173.59	1/4	1,562.20	1/4	1,950.80	1/4	2,339.41	1/4	2,727.98	1/4	3,116.47	1/4	3,504.97
1/2	24.70	1/2	405.20	1/2	793.35	1/2	1,181.68	1/2	1,570.29	1/2	1,958.90	1/2	2,347.51	1/2	2,736.07	1/2	3,124.57	1/2	3,513.06
3/4	30.10	3/4	413.30	3/4	801.42	3/4	1,189.78	3/4	1,578.39	3/4	1,967.00	3/4	2,355.60	3/4	2,744.16	3/4	3,132.66	3/4	3,521.16
1	35.49	1	421.39	1	809.49	1	1,197.88	1	1,586.48	1	1,975.09	1	2,363.70	1	2,752.26	1	3,140.75	1	3,529.25
1/4	42.91	1/4	429.49	1/4	817.57	1/4	1,205.97	1/4	1,594.58	1/4	1,983.19	1/4	2,371.80	1/4	2,760.35	1/4	3,148.85	1/4	3,537.35
1/2	50.33	1/2	437.58	1/2	825.64	1/2	1,214.07	1/2	1,602.68	1/2	1,991.28	1/2	2,379.89	1/2	2,768.44	1/2	3,156.94	1/2	3,545.44
3/4	57.76	3/4	445.68	3/4	833.71	3/4	1,222.16	3/4	1,610.77	3/4	1,999.38	3/4	2,387.99	3/4	2,776.54	3/4	3,165.04	3/4	3,553.53
2	65.18	2	453.78	2	841.79	2	1,230.26	2	1,618.87	2	2,007.48	2	2,396.08	2	2,784.63	2	3,173.13	2	3,561.63
1/4	73.27	1/4	461.87	1/4	849.86	1/4	1,238.36	1/4	1,626.96	1/4	2,015.57	1/4	2,404.18	1/4	2,792.73	1/4	3,181.22	1/4	3,569.72
1/2	81.37	1/2	469.97	1/2	857.93	1/2	1,246.45	1/2	1,635.06	1/2	2,023.67	1/2	2,412.28	1/2	2,800.82	1/2	3,189.32	1/2	3,577.81
3/4	89.46	3/4	478.06	3/4	866.01	3/4	1,254.55	3/4	1,643.16	3/4	2,031.76	3/4	2,420.37	3/4	2,808.91	3/4	3,197.41	3/4	3,585.91
3	97.56	3	486.16	3	874.08	3	1,262.64	3	1,651.25	3	2,039.86	3	2,428.47	3	2,817.01	3	3,205.50	3	3,594.00
1/4	105.66	1/4	494.25	1/4	882.17	1/4	1,270.74	1/4	1,659.35	1/4	2,047.96	1/4	2,436.56	1/4	2,825.10	1/4	3,213.60	1/4	3,602.10
1/2	113.75	1/2	502.35	1/2	890.25	1/2	1,278.84	1/2	1,667.44	1/2	2,056.05	1/2	2,444.66	1/2	2,833.19	1/2	3,221.69	1/2	3,610.19
3/4	121.85	3/4	510.45	3/4	898.33	3/4	1,286.93	3/4	1,675.54	3/4	2,064.15	3/4	2,452.76	3/4	2,841.29	3/4	3,229.78	3/4	3,618.28
4	129.94	4	518.54	4	906.42	4	1,295.03	4	1,683.64	4	2,072.24	4	2,460.85	4	2,849.38	4	3,237.88	4	3,626.38
1/4	138.04	1/4	526.64	1/4	914.52	1/4	1,303.12	1/4	1,691.73	1/4	2,080.34	1/4	2,468.95	1/4	2,857.47	1/4	3,245.97	1/4	3,634.47
1/2	146.14	1/2	534.73	1/2	922.61	1/2	1,311.22	1/2	1,699.83	1/2	2,088.44	1/2	2,477.04	1/2	2,865.57	1/2	3,254.07	1/2	3,642.56
3/4	154.23	3/4	542.83	3/4	930.71	3/4	1,319.32	3/4	1,707.92	3/4	2,096.53	3/4	2,485.14	3/4	2,873.66	3/4	3,262.16	3/4	3,650.66
5	162.33	5	550.93	5	938.80	5	1,327.41	5	1,716.02	5	2,104.63	5	2,493.24	5	2,881.76	5	3,270.25	5	3,658.75
1/4	170.42	1/4	559.02	1/4	946.90	1/4	1,335.51	1/4	1,724.12	1/4	2,112.72	1/4	2,501.33	1/4	2,889.85	1/4	3,278.35	1/4	3,666.84
1/2	178.52	1/2	567.12	1/2	955.00	1/2	1,343.60	1/2	1,732.21	1/2	2,120.82	1/2	2,509.43	1/2	2,897.94	1/2	3,286.44	1/2	3,674.94
3/4	186.61	3/4	575.21	3/4	963.09	3/4	1,351.70	3/4	1,740.31	3/4	2,128.92	3/4	2,517.52	3/4	2,906.04	3/4	3,294.53	3/4	3,683.03
6	194.71	6	583.31	6	971.19	6	1,359.80	6	1,748.40	6	2,137.01	6	2,525.62	6	2,914.13	6	3,302.63	6	3,691.13
1/4	202.81	1/4	591.40	1/4	979.28	1/4	1,367.89	1/4	1,756.50	1/4	2,145.11	1/4	2,533.72	1/4	2,922.22	1/4	3,310.72	1/4	3,699.22
1/2	210.90	1/2	599.50	1/2	987.38	1/2	1,375.99	1/2	1,764.60	1/2	2,153.20	1/2	2,541.81	1/2	2,930.32	1/2	3,318.82	1/2	3,707.31
3/4	219.00	3/4	607.60	3/4	995.48	3/4	1,384.08	3/4	1,772.69	3/4	2,161.30	3/4	2,549.91	3/4	2,938.41	3/4	3,326.91	3/4	3,715.41
7	227.09	7	615.69	7	1,003.57	7	1,392.18	7	1,780.79	7	2,169.40	7	2,558.00	7	2,946.51	7	3,335.00	7	3,723.50
1/4	235.19	1/4	623.78	1/4	1,011.67	1/4	1,400.28	1/4	1,788.88	1/4	2,177.49	1/4	2,566.10	1/4	2,954.60	1/4	3,343.10	1/4	3,731.59
1/2	243.28	1/2	631.86	1/2	1,019.76	1/2	1,408.37	1/2	1,796.98	1/2	2,185.59	1/2	2,574.19	1/2	2,962.69	1/2	3,351.19	1/2	3,739.69
3/4	251.38	3/4	639.94	3/4	1,027.86	3/4	1,416.47	3/4	1,805.08	3/4	2,193.68	3/4	2,582.29	3/4	2,970.79	3/4	3,359.28	3/4	3,747.78
8	259.48	8	648.03	8	1,035.96	8	1,424.56	8	1,813.17	8	2,201.78	8	2,590.38	8	2,978.88	8	3,367.38	8	3,755.88
1/4	267.57	1/4	656.10	1/4	1,044.05	1/4	1,432.66	1/4	1,821.27	1/4	2,209.88	1/4	2,598.48	1/4	2,986.97	1/4	3,375.47	1/4	3,763.97
1/2	275.67	1/2	664.17	1/2	1,052.15	1/2	1,440.76	1/2	1,829.36	1/2	2,217.97	1/2	2,606.57	1/2	2,995.07	1/2	3,383.57	1/2	3,772.06
3/4	283.76	3/4	672.25	3/4	1,060.24	3/4	1,448.85	3/4	1,837.46	3/4	2,226.07	3/4	2,614.66	3/4	3,003.16	3/4	3,391.66	3/4	3,780.16
9	291.86	9	680.32	9	1,068.34	9	1,456.95	9	1,845.56	9	2,234.16	9	2,622.76	9	3,011.26	9	3,399.75	9	3,788.25
1/4	299.96	1/4	688.39	1/4	1,076.44	1/4	1,465.04	1/4	1,853.65	1/4	2,242.26	1/4	2,630.85	1/4	3,019.35	1/4	3,407.85	1/4	3,796.34
1/2	308.05	1/2	696.47	1/2	1,084.53	1/2	1,473.14	1/2	1,861.75	1/2	2,250.36	1/2	2,638.94	1/2	3,027.44	1/2	3,415.94	1/2	3,804.44
3/4	316.15	3/4	704.54	3/4	1,092.63	3/4	1,481.24	3/4	1,869.84	3/4	2,258.45	3/4	2,647.04	3/4	3,035.54	3/4	3,424.03	3/4	3,812.53
10	324.24	10	712.61	10	1,100.72	10	1,489.33	10	1,877.94	10	2,266.55	10	2,655.13	10	3,043.63	10	3,432.13	10	3,820.63
1/4	332.34	1/4	720.69	1/4	1,108.82	1/4	1,497.43	1/4	1,886.04	1/4	2,274.64	1/4	2,663.23	1/4	3,051.72	1/4	3,440.22	1/4	3,828.72
1/2	340.43	1/2	728.76	1/2	1,116.92	1/2	1,505.52	1/2	1,894.13	1/2	2,282.74	1/2	2,671.32	1/2	3,059.82	1/2	3,448.31	1/2	3,836.81
3/4	348.53	3/4	736.83	3/4	1,125.01	3/4	1,513.62	3/4	1,902.23	3/4	2,290.84	3/4	2,679.41	3/4	3,067.91	3/4	3,456.41	3/4	3,844.91
11	356.63	11	744.91	11	1,133.11	11	1,521.72	11	1,910.32	11	2,298.93	11	2,687.51	11	3,076.00	11	3,464.50	11	3,853.00
1/4	364.72	1/4	752.98	1/4	1,141.20	1/4	1,529.81	1/4	1,918.42	1/4	2,307.03	1/4	2,695.60	1/4	3,084.10	1/4	3,472.60	1/4	3,861.09
1/2	372.82	1/2	761.05	1/2	1,149.30	1/2	1,537.91	1/2	1,926.52	1/2	2,315.12	1/2	2,703.69	1/2	3,092.19	1/2	3,480.69	1/2	3,869.19
3/4	380.91	3/4	769.13	3/4	1,157.40	3/4	1,546.00	3/4	1,934.61	3/4	2,323.22	3/4	2,711.79	3/4	3,100.29	3/4	3,488.78	3/4	3,877.28

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 51'-00" 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 105"

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	3,885.37	0	4,273.87	0	4,661.18	0	5,033.98	0	5,386.98	0		0		0		0		0	
1/4	3,893.47	1/4	4,281.97	1/4	4,669.13	1/4	5,041.51	1/4	5,394.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,901.56	1/2	4,290.06	1/2	4,677.07	1/2	5,049.05	1/2	5,401.13	1/2		1/2		1/2		1/2		1/2	
3/4	3,909.66	3/4	4,298.15	3/4	4,685.02	3/4	5,056.58	3/4	5,408.20	3/4		3/4		3/4		3/4		3/4	
1	3,917.75	1	4,306.25	1	4,692.96	1	5,064.12	1	5,415.27	1		1		1		1		1	
1/4	3,925.84	1/4	4,314.34	1/4	4,700.87	1/4	5,071.62	1/4	5,422.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,933.94	1/2	4,322.43	1/2	4,708.79	1/2	5,079.13	1/2	5,430.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,942.03	3/4	4,330.53	3/4	4,716.70	3/4	5,086.63	3/4	5,437.79	3/4		3/4		3/4		3/4		3/4	
2	3,950.12	2	4,338.62	2	4,724.61	2	5,094.14	2	5,445.30	2		2		2		2		2	
1/4	3,958.22	1/4	4,346.72	1/4	4,732.49	1/4	5,101.61	1/4	5,453.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,966.31	1/2	4,354.81	1/2	4,740.38	1/2	5,109.09	1/2	5,461.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,974.41	3/4	4,362.90	3/4	4,748.26	3/4	5,116.56	3/4	5,469.17	3/4		3/4		3/4		3/4		3/4	
3	3,982.50	3	4,371.00	3	4,756.14	3	5,124.03	3	5,477.13	3		3		3		3		3	
1/4	3,990.59	1/4	4,379.09	1/4	4,763.99	1/4	5,131.48	1/4	5,485.09	1/4		1/4		1/4		1/4		1/4	
1/2	3,998.69	1/2	4,387.18	1/2	4,771.85	1/2	5,138.92	1/2	5,493.05	1/2		1/2		1/2		1/2		1/2	
3/4	4,006.78	3/4	4,395.28	3/4	4,779.70	3/4	5,146.36	3/4	5,501.01	3/4		3/4		3/4		3/4		3/4	
4	4,014.87	4	4,403.37	4	4,787.55	4	5,153.80	4	5,508.97	4		4		4		4		4	
1/4	4,022.97	1/4	4,411.47	1/4	4,795.37	1/4	5,161.22	1/4	5,516.52	1/4		1/4		1/4		1/4		1/4	
1/2	4,031.06	1/2	4,419.56	1/2	4,803.19	1/2	5,168.63	1/2	5,524.08	1/2		1/2		1/2		1/2		1/2	
3/4	4,039.15	3/4	4,427.65	3/4	4,811.01	3/4	5,176.04	3/4	5,531.63	3/4		3/4		3/4		3/4		3/4	
5	4,047.25	5	4,435.75	5	4,818.83	5	5,183.45	5	5,539.19	5		5		5		5		5	
1/4	4,055.34	1/4	4,443.84	1/4	4,826.62	1/4	5,190.84	1/4	5,545.53	1/4		1/4		1/4		1/4		1/4	
1/2	4,063.44	1/2	4,451.93	1/2	4,834.41	1/2	5,198.22	1/2	5,551.87	1/2		1/2		1/2		1/2		1/2	
3/4	4,071.53	3/4	4,460.03	3/4	4,842.20	3/4	5,205.60	3/4	5,558.21	3/4		3/4		3/4		3/4		3/4	
6	4,079.62	6	4,468.12	6	4,849.99	6	5,212.98	6	5,564.56	6		6		6		6		6	
1/4	4,087.72	1/4	4,476.21	1/4	4,857.75	1/4	5,220.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,095.81	1/2	4,484.31	1/2	4,865.51	1/2	5,227.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,103.90	3/4	4,492.40	3/4	4,873.27	3/4	5,235.03	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,112.00	7	4,500.50	7	4,881.03	7	5,242.38	7		7		7		7		7		7	
1/4	4,120.09	1/4	4,508.59	1/4	4,888.76	1/4	5,249.70	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,128.19	1/2	4,516.67	1/2	4,896.49	1/2	5,257.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,136.28	3/4	4,524.76	3/4	4,904.22	3/4	5,264.34	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,144.37	8	4,532.85	8	4,911.95	8	5,271.66	8		8		8		8		8		8	
1/4	4,152.47	1/4	4,540.92	1/4	4,919.65	1/4	5,278.95	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,160.56	1/2	4,548.99	1/2	4,927.34	1/2	5,286.24	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,168.65	3/4	4,557.05	3/4	4,935.04	3/4	5,293.53	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,176.75	9	4,565.12	9	4,942.74	9	5,300.82	9		9		9		9		9		9	
1/4	4,184.84	1/4	4,573.16	1/4	4,950.39	1/4	5,308.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,192.94	1/2	4,581.19	1/2	4,958.03	1/2	5,315.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,201.03	3/4	4,589.23	3/4	4,965.68	3/4	5,322.60	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,209.12	10	4,597.26	10	4,973.33	10	5,329.86	10		10		10		10		10		10	
1/4	4,217.22	1/4	4,605.27	1/4	4,980.93	1/4	5,337.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,225.31	1/2	4,613.27	1/2	4,988.52	1/2	5,344.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,233.40	3/4	4,621.28	3/4	4,996.12	3/4	5,351.40	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,241.50	11	4,629.29	11	5,003.72	11	5,358.58	11		11		11		11		11		11	
1/4	4,249.59	1/4	4,637.26	1/4	5,011.28	1/4	5,365.68	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,257.68	1/2	4,645.23	1/2	5,018.85	1/2	5,372.78	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,265.78	3/4	4,653.21	3/4	5,026.41	3/4	5,379.88	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2021 JS
CALCULATED: 01/12/2021 CL
PRINTED: 01/13/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2021

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



BARGE "TMTB 105"

2 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 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	13.84	0	387.32	0	768.23	0	1,145.50	0	1,532.42	0	1,919.34	0	2,306.27	0	2,693.14	0	3,079.96	0	3,466.78
1/4	19.22	1/4	395.38	1/4	775.96	1/4	1,153.56	1/4	1,540.48	1/4	1,927.40	1/4	2,314.33	1/4	2,701.20	1/4	3,088.02	1/4	3,474.84
1/2	24.59	1/2	403.44	1/2	783.68	1/2	1,161.62	1/2	1,548.54	1/2	1,935.46	1/2	2,322.39	1/2	2,709.26	1/2	3,096.08	1/2	3,482.90
3/4	29.96	3/4	411.50	3/4	791.41	3/4	1,169.68	3/4	1,556.60	3/4	1,943.53	3/4	2,330.45	3/4	2,717.32	3/4	3,104.14	3/4	3,490.96
1	35.34	1	419.56	1	799.14	1	1,177.74	1	1,564.66	1	1,951.59	1	2,338.51	1	2,725.38	1	3,112.20	1	3,499.01
1/4	42.73	1/4	427.62	1/4	806.86	1/4	1,185.80	1/4	1,572.72	1/4	1,959.65	1/4	2,346.57	1/4	2,733.44	1/4	3,120.26	1/4	3,507.07
1/2	50.12	1/2	435.68	1/2	814.59	1/2	1,193.86	1/2	1,580.78	1/2	1,967.71	1/2	2,354.63	1/2	2,741.50	1/2	3,128.31	1/2	3,515.13
3/4	57.50	3/4	443.74	3/4	822.32	3/4	1,201.92	3/4	1,588.85	3/4	1,975.77	3/4	2,362.69	3/4	2,749.56	3/4	3,136.37	3/4	3,523.19
2	64.89	2	451.80	2	830.05	2	1,209.98	2	1,596.91	2	1,983.83	2	2,370.75	2	2,757.61	2	3,144.43	2	3,531.25
1/4	72.95	1/4	459.86	1/4	837.77	1/4	1,218.04	1/4	1,604.97	1/4	1,991.89	1/4	2,378.81	1/4	2,765.67	1/4	3,152.49	1/4	3,539.31
1/2	81.02	1/2	467.92	1/2	845.50	1/2	1,226.11	1/2	1,613.03	1/2	1,999.95	1/2	2,386.87	1/2	2,773.73	1/2	3,160.55	1/2	3,547.37
3/4	89.08	3/4	475.98	3/4	853.23	3/4	1,234.17	3/4	1,621.09	3/4	2,008.01	3/4	2,394.94	3/4	2,781.79	3/4	3,168.61	3/4	3,555.43
3	97.14	3	484.05	3	860.95	3	1,242.23	3	1,629.15	3	2,016.07	3	2,403.00	3	2,789.85	3	3,176.67	3	3,563.48
1/4	105.20	1/4	492.11	1/4	868.69	1/4	1,250.29	1/4	1,637.21	1/4	2,024.13	1/4	2,411.06	1/4	2,797.91	1/4	3,184.73	1/4	3,571.54
1/2	113.26	1/2	500.17	1/2	876.43	1/2	1,258.35	1/2	1,645.27	1/2	2,032.20	1/2	2,419.12	1/2	2,805.97	1/2	3,192.78	1/2	3,579.60
3/4	121.32	3/4	508.23	3/4	884.17	3/4	1,266.41	3/4	1,653.33	3/4	2,040.26	3/4	2,427.18	3/4	2,814.03	3/4	3,200.84	3/4	3,587.66
4	129.38	4	516.29	4	891.91	4	1,274.47	4	1,661.39	4	2,048.32	4	2,435.24	4	2,822.08	4	3,208.90	4	3,595.72
1/4	137.44	1/4	524.35	1/4	899.66	1/4	1,282.53	1/4	1,669.45	1/4	2,056.38	1/4	2,443.30	1/4	2,830.14	1/4	3,216.96	1/4	3,603.78
1/2	145.50	1/2	532.41	1/2	907.40	1/2	1,290.59	1/2	1,677.52	1/2	2,064.44	1/2	2,451.36	1/2	2,838.20	1/2	3,225.02	1/2	3,611.84
3/4	153.56	3/4	540.47	3/4	915.15	3/4	1,298.65	3/4	1,685.58	3/4	2,072.50	3/4	2,459.42	3/4	2,846.26	3/4	3,233.08	3/4	3,619.90
5	161.62	5	548.53	5	922.90	5	1,306.71	5	1,693.64	5	2,080.56	5	2,467.48	5	2,854.32	5	3,241.14	5	3,627.95
1/4	169.68	1/4	556.59	1/4	930.65	1/4	1,314.78	1/4	1,701.70	1/4	2,088.62	1/4	2,475.54	1/4	2,862.38	1/4	3,249.20	1/4	3,636.01
1/2	177.74	1/2	564.65	1/2	938.40	1/2	1,322.84	1/2	1,709.76	1/2	2,096.68	1/2	2,483.61	1/2	2,870.44	1/2	3,257.25	1/2	3,644.07
3/4	185.80	3/4	572.71	3/4	946.15	3/4	1,330.90	3/4	1,717.82	3/4	2,104.74	3/4	2,491.67	3/4	2,878.50	3/4	3,265.31	3/4	3,652.13
6	193.86	6	580.77	6	953.90	6	1,338.96	6	1,725.88	6	2,112.80	6	2,499.73	6	2,886.55	6	3,273.37	6	3,660.19
1/4	201.92	1/4	588.83	1/4	961.65	1/4	1,347.02	1/4	1,733.94	1/4	2,120.87	1/4	2,507.79	1/4	2,894.61	1/4	3,281.43	1/4	3,668.25
1/2	209.98	1/2	596.89	1/2	969.40	1/2	1,355.08	1/2	1,742.00	1/2	2,128.93	1/2	2,515.85	1/2	2,902.67	1/2	3,289.49	1/2	3,676.31
3/4	218.05	3/4	604.95	3/4	977.15	3/4	1,363.14	3/4	1,750.06	3/4	2,136.99	3/4	2,523.91	3/4	2,910.73	3/4	3,297.55	3/4	3,684.37
7	226.11	7	613.01	7	984.90	7	1,371.20	7	1,758.12	7	2,145.05	7	2,531.97	7	2,918.79	7	3,305.61	7	3,692.42
1/4	234.17	1/4	620.91	1/4	992.81	1/4	1,379.26	1/4	1,766.19	1/4	2,153.11	1/4	2,540.03	1/4	2,926.85	1/4	3,313.66	1/4	3,700.48
1/2	242.23	1/2	628.81	1/2	1,000.71	1/2	1,387.32	1/2	1,774.25	1/2	2,161.17	1/2	2,548.09	1/2	2,934.91	1/2	3,321.72	1/2	3,708.54
3/4	250.29	3/4	636.70	3/4	1,008.62	3/4	1,395.38	3/4	1,782.31	3/4	2,169.23	3/4	2,556.15	3/4	2,942.96	3/4	3,329.78	3/4	3,716.60
8	258.35	8	644.60	8	1,016.52	8	1,403.45	8	1,790.37	8	2,177.29	8	2,564.21	8	2,951.02	8	3,337.84	8	3,724.66
1/4	266.41	1/4	652.32	1/4	1,024.58	1/4	1,411.51	1/4	1,798.43	1/4	2,185.35	1/4	2,572.26	1/4	2,959.08	1/4	3,345.90	1/4	3,732.72
1/2	274.47	1/2	660.05	1/2	1,032.64	1/2	1,419.57	1/2	1,806.49	1/2	2,193.41	1/2	2,580.32	1/2	2,967.14	1/2	3,353.96	1/2	3,740.78
3/4	282.53	3/4	667.78	3/4	1,040.70	3/4	1,427.63	3/4	1,814.55	3/4	2,201.47	3/4	2,588.38	3/4	2,975.20	3/4	3,362.02	3/4	3,748.83
9	290.59	9	675.50	9	1,048.77	9	1,435.69	9	1,822.61	9	2,209.53	9	2,596.44	9	2,983.26	9	3,370.08	9	3,756.89
1/4	298.65	1/4	683.23	1/4	1,056.83	1/4	1,443.75	1/4	1,830.67	1/4	2,217.60	1/4	2,604.50	1/4	2,991.32	1/4	3,378.13	1/4	3,764.95
1/2	306.71	1/2	690.96	1/2	1,064.89	1/2	1,451.81	1/2	1,838.73	1/2	2,225.66	1/2	2,612.56	1/2	2,999.38	1/2	3,386.19	1/2	3,773.01
3/4	314.77	3/4	698.69	3/4	1,072.95	3/4	1,459.87	3/4	1,846.79	3/4	2,233.72	3/4	2,620.62	3/4	3,007.43	3/4	3,394.25	3/4	3,781.07
10	322.83	10	706.41	10	1,081.01	10	1,467.93	10	1,854.86	10	2,241.78	10	2,628.68	10	3,015.49	10	3,402.31	10	3,789.13
1/4	330.89	1/4	714.14	1/4	1,089.07	1/4	1,475.99	1/4	1,862.92	1/4	2,249.84	1/4	2,636.73	1/4	3,023.55	1/4	3,410.37	1/4	3,797.19
1/2	338.95	1/2	721.87	1/2	1,097.13	1/2	1,484.05	1/2	1,870.98	1/2	2,257.90	1/2	2,644.79	1/2	3,031.61	1/2	3,418.43	1/2	3,805.25
3/4	347.01	3/4	729.59	3/4	1,105.19	3/4	1,492.11	3/4	1,879.04	3/4	2,265.96	3/4	2,652.85	3/4	3,039.67	3/4	3,426.49	3/4	3,813.30
11	355.08	11	737.32	11	1,113.25	11	1,500.18	11	1,887.10	11	2,274.02	11	2,660.91	11	3,047.73	11	3,434.55	11	3,821.36
1/4	363.14	1/4	745.05	1/4	1,121.31	1/4	1,508.24	1/4	1,895.16	1/4	2,282.08	1/4	2,668.97	1/4	3,055.79	1/4	3,442.60	1/4	3,829.42
1/2	371.20	1/2	752.77	1/2	1,129.37	1/2	1,516.30	1/2	1,903.22	1/2	2,290.14	1/2	2,677.03	1/2	3,063.85	1/2	3,450.66	1/2	3,837.48
3/4	379.26	3/4	760.50	3/4	1,137.44	3/4	1,524.36	3/4	1,911.28	3/4	2,298.20	3/4	2,685.09	3/4	3,071.90	3/4	3,458.72	3/4	3,845.54

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 51'-00" 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 105"

2 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,853.60	0	4,240.42	0	4,626.04	0	4,997.24	0	5,348.77	0		0		0		0		0	
1/4	3,861.66	1/4	4,248.47	1/4	4,633.95	1/4	5,004.74	1/4	5,355.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,869.72	1/2	4,256.53	1/2	4,641.86	1/2	5,012.25	1/2	5,362.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,877.77	3/4	4,264.59	3/4	4,649.77	3/4	5,019.75	3/4	5,369.90	3/4		3/4		3/4		3/4		3/4	
1	3,885.83	1	4,272.65	1	4,657.68	1	5,027.25	1	5,376.94	1		1		1		1		1	
1/4	3,893.89	1/4	4,280.71	1/4	4,665.55	1/4	5,034.73	1/4	5,384.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,901.95	1/2	4,288.77	1/2	4,673.43	1/2	5,042.20	1/2	5,391.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,910.01	3/4	4,296.83	3/4	4,681.31	3/4	5,049.67	3/4	5,399.37	3/4		3/4		3/4		3/4		3/4	
2	3,918.07	2	4,304.88	2	4,689.19	2	5,057.15	2	5,406.84	2		2		2		2		2	
1/4	3,926.13	1/4	4,312.94	1/4	4,697.04	1/4	5,064.59	1/4	5,414.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,934.18	1/2	4,321.00	1/2	4,704.89	1/2	5,072.03	1/2	5,422.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,942.24	3/4	4,329.06	3/4	4,712.74	3/4	5,079.47	3/4	5,430.61	3/4		3/4		3/4		3/4		3/4	
3	3,950.30	3	4,337.12	3	4,720.59	3	5,086.91	3	5,438.54	3		3		3		3		3	
1/4	3,958.36	1/4	4,345.18	1/4	4,728.40	1/4	5,094.33	1/4	5,446.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,966.42	1/2	4,353.24	1/2	4,736.22	1/2	5,101.74	1/2	5,454.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,974.48	3/4	4,361.30	3/4	4,744.04	3/4	5,109.15	3/4	5,462.31	3/4		3/4		3/4		3/4		3/4	
4	3,982.54	4	4,369.35	4	4,751.86	4	5,116.56	4	5,470.24	4		4		4		4		4	
1/4	3,990.60	1/4	4,377.41	1/4	4,759.65	1/4	5,123.94	1/4	5,477.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,998.65	1/2	4,385.47	1/2	4,767.43	1/2	5,131.32	1/2	5,485.28	1/2		1/2		1/2		1/2		1/2	
3/4	4,006.71	3/4	4,393.53	3/4	4,775.22	3/4	5,138.70	3/4	5,492.80	3/4		3/4		3/4		3/4		3/4	
5	4,014.77	5	4,401.59	5	4,783.01	5	5,146.09	5	5,500.33	5		5		5		5		5	
1/4	4,022.83	1/4	4,409.65	1/4	4,790.77	1/4	5,153.44	1/4	5,506.64	1/4		1/4		1/4		1/4		1/4	
1/2	4,030.89	1/2	4,417.71	1/2	4,798.52	1/2	5,160.79	1/2	5,512.95	1/2		1/2		1/2		1/2		1/2	
3/4	4,038.95	3/4	4,425.77	3/4	4,806.28	3/4	5,168.14	3/4	5,519.27	3/4		3/4		3/4		3/4		3/4	
6	4,047.01	6	4,433.82	6	4,814.04	6	5,175.49	6	5,525.58	6		6		6		6		6	
1/4	4,055.07	1/4	4,441.88	1/4	4,821.76	1/4	5,182.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,063.12	1/2	4,449.94	1/2	4,829.49	1/2	5,190.13	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,071.18	3/4	4,458.00	3/4	4,837.22	3/4	5,197.45	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,079.24	7	4,466.06	7	4,844.94	7	5,204.77	7		7		7		7		7		7	
1/4	4,087.30	1/4	4,474.11	1/4	4,852.64	1/4	5,212.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,095.36	1/2	4,482.16	1/2	4,860.33	1/2	5,219.35	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,103.42	3/4	4,490.21	3/4	4,868.03	3/4	5,226.64	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,111.48	8	4,498.26	8	4,875.72	8	5,233.93	8		8		8		8		8		8	
1/4	4,119.53	1/4	4,506.29	1/4	4,883.39	1/4	5,241.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,127.59	1/2	4,514.32	1/2	4,891.06	1/2	5,248.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,135.65	3/4	4,522.36	3/4	4,898.72	3/4	5,255.70	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,143.71	9	4,530.39	9	4,906.39	9	5,262.96	9		9		9		9		9		9	
1/4	4,151.77	1/4	4,538.39	1/4	4,914.00	1/4	5,270.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,159.83	1/2	4,546.39	1/2	4,921.62	1/2	5,277.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,167.89	3/4	4,554.39	3/4	4,929.23	3/4	5,284.65	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,175.95	10	4,562.39	10	4,936.85	10	5,291.88	10		10		10		10		10		10	
1/4	4,184.00	1/4	4,570.36	1/4	4,944.41	1/4	5,299.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,192.06	1/2	4,578.33	1/2	4,951.98	1/2	5,306.18	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,200.12	3/4	4,586.30	3/4	4,959.54	3/4	5,313.33	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,208.18	11	4,594.28	11	4,967.10	11	5,320.48	11		11		11		11		11		11	
1/4	4,216.24	1/4	4,602.22	1/4	4,974.64	1/4	5,327.55	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,224.30	1/2	4,610.16	1/2	4,982.17	1/2	5,334.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,232.36	3/4	4,618.10	3/4	4,989.71	3/4	5,341.70	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2021 JS
CALCULATED: 01/12/2021 CL
PRINTED: 01/13/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "TMTB 105"

3 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	12.96	0	361.77	0	722.72	0	1,083.15	0	1,444.07	0	1,805.02	0	2,165.96	0	2,526.64	0	2,887.24	0	3,247.84
1/4	17.98	1/4	369.29	1/4	730.23	1/4	1,090.65	1/4	1,451.59	1/4	1,812.54	1/4	2,173.48	1/4	2,534.15	1/4	2,894.75	1/4	3,255.35
1/2	23.00	1/2	376.82	1/2	737.73	1/2	1,098.15	1/2	1,459.11	1/2	1,820.06	1/2	2,181.00	1/2	2,541.66	1/2	2,902.26	1/2	3,262.86
3/4	28.01	3/4	384.35	3/4	745.24	3/4	1,105.65	3/4	1,466.63	3/4	1,827.58	3/4	2,188.52	3/4	2,549.18	3/4	2,909.78	3/4	3,270.38
1	33.03	1	391.88	1	752.74	1	1,113.15	1	1,474.15	1	1,835.10	1	2,196.04	1	2,556.69	1	2,917.29	1	3,277.89
1/4	39.93	1/4	399.41	1/4	760.25	1/4	1,120.65	1/4	1,481.67	1/4	1,842.62	1/4	2,203.56	1/4	2,564.20	1/4	2,924.80	1/4	3,285.40
1/2	46.83	1/2	406.94	1/2	767.76	1/2	1,128.15	1/2	1,489.19	1/2	1,850.14	1/2	2,211.08	1/2	2,571.71	1/2	2,932.31	1/2	3,292.91
3/4	53.74	3/4	414.46	3/4	775.26	3/4	1,135.65	3/4	1,496.71	3/4	1,857.66	3/4	2,218.60	3/4	2,579.23	3/4	2,939.83	3/4	3,300.43
2	60.64	2	421.99	2	782.77	2	1,143.15	2	1,504.23	2	1,865.18	2	2,226.12	2	2,586.74	2	2,947.34	2	3,307.94
1/4	68.16	1/4	429.52	1/4	790.27	1/4	1,150.66	1/4	1,511.75	1/4	1,872.70	1/4	2,233.64	1/4	2,594.25	1/4	2,954.85	1/4	3,315.45
1/2	75.69	1/2	437.05	1/2	797.78	1/2	1,158.18	1/2	1,519.27	1/2	1,880.22	1/2	2,241.15	1/2	2,601.76	1/2	2,962.36	1/2	3,322.96
3/4	83.22	3/4	444.58	3/4	805.28	3/4	1,165.69	3/4	1,526.79	3/4	1,887.73	3/4	2,248.67	3/4	2,609.28	3/4	2,969.88	3/4	3,330.48
3	90.75	3	452.11	3	812.79	3	1,173.20	3	1,534.31	3	1,895.25	3	2,256.19	3	2,616.79	3	2,977.39	3	3,337.99
1/4	98.28	1/4	459.63	1/4	820.31	1/4	1,180.73	1/4	1,541.83	1/4	1,902.77	1/4	2,263.70	1/4	2,624.30	1/4	2,984.90	1/4	3,345.50
1/2	105.81	1/2	467.16	1/2	827.82	1/2	1,188.26	1/2	1,549.35	1/2	1,910.29	1/2	2,271.21	1/2	2,631.81	1/2	2,992.41	1/2	3,353.01
3/4	113.33	3/4	474.69	3/4	835.34	3/4	1,195.78	3/4	1,556.87	3/4	1,917.81	3/4	2,278.73	3/4	2,639.33	3/4	2,999.93	3/4	3,360.53
4	120.86	4	482.22	4	842.86	4	1,203.31	4	1,564.39	4	1,925.33	4	2,286.24	4	2,646.84	4	3,007.44	4	3,368.04
1/4	128.39	1/4	489.75	1/4	850.39	1/4	1,210.84	1/4	1,571.91	1/4	1,932.85	1/4	2,293.75	1/4	2,654.35	1/4	3,014.95	1/4	3,375.56
1/2	135.92	1/2	497.28	1/2	857.91	1/2	1,218.37	1/2	1,579.43	1/2	1,940.37	1/2	2,301.26	1/2	2,661.86	1/2	3,022.46	1/2	3,383.08
3/4	143.45	3/4	504.80	3/4	865.44	3/4	1,225.89	3/4	1,586.95	3/4	1,947.89	3/4	2,308.78	3/4	2,669.38	3/4	3,029.98	3/4	3,390.60
5	150.98	5	512.33	5	872.97	5	1,233.42	5	1,594.47	5	1,955.41	5	2,316.29	5	2,676.89	5	3,037.49	5	3,398.12
1/4	158.50	1/4	519.86	1/4	880.50	1/4	1,240.95	1/4	1,601.99	1/4	1,962.93	1/4	2,323.80	1/4	2,684.40	1/4	3,045.00	1/4	3,405.64
1/2	166.03	1/2	527.39	1/2	888.03	1/2	1,248.47	1/2	1,609.51	1/2	1,970.45	1/2	2,331.31	1/2	2,691.91	1/2	3,052.51	1/2	3,413.17
3/4	173.56	3/4	534.92	3/4	895.56	3/4	1,256.00	3/4	1,617.03	3/4	1,977.97	3/4	2,338.83	3/4	2,699.43	3/4	3,060.03	3/4	3,420.70
6	181.09	6	542.45	6	903.08	6	1,263.53	6	1,624.55	6	1,985.49	6	2,346.34	6	2,706.94	6	3,067.54	6	3,428.23
1/4	188.62	1/4	549.97	1/4	910.60	1/4	1,271.05	1/4	1,632.07	1/4	1,993.01	1/4	2,353.85	1/4	2,714.45	1/4	3,075.05	1/4	3,435.76
1/2	196.15	1/2	557.50	1/2	918.11	1/2	1,278.58	1/2	1,639.58	1/2	2,000.53	1/2	2,361.36	1/2	2,721.96	1/2	3,082.56	1/2	3,443.29
3/4	203.67	3/4	565.03	3/4	925.63	3/4	1,286.11	3/4	1,647.10	3/4	2,008.05	3/4	2,368.88	3/4	2,729.48	3/4	3,090.08	3/4	3,450.82
7	211.20	7	572.56	7	933.14	7	1,293.64	7	1,654.62	7	2,015.57	7	2,376.39	7	2,736.99	7	3,097.59	7	3,458.34
1/4	218.73	1/4	580.08	1/4	940.64	1/4	1,301.16	1/4	1,662.14	1/4	2,023.09	1/4	2,383.90	1/4	2,744.50	1/4	3,105.10	1/4	3,465.87
1/2	226.26	1/2	587.59	1/2	948.14	1/2	1,308.69	1/2	1,669.66	1/2	2,030.61	1/2	2,391.41	1/2	2,752.01	1/2	3,112.61	1/2	3,473.40
3/4	233.79	3/4	595.11	3/4	955.64	3/4	1,316.22	3/4	1,677.18	3/4	2,038.13	3/4	2,398.93	3/4	2,759.53	3/4	3,120.13	3/4	3,480.93
8	241.32	8	602.63	8	963.14	8	1,323.74	8	1,684.70	8	2,045.65	8	2,406.44	8	2,767.04	8	3,127.64	8	3,488.46
1/4	248.84	1/4	610.13	1/4	970.64	1/4	1,331.27	1/4	1,692.22	1/4	2,053.17	1/4	2,413.95	1/4	2,774.55	1/4	3,135.15	1/4	3,495.99
1/2	256.37	1/2	617.64	1/2	978.14	1/2	1,338.79	1/2	1,699.74	1/2	2,060.69	1/2	2,421.46	1/2	2,782.06	1/2	3,142.66	1/2	3,503.51
3/4	263.90	3/4	625.14	3/4	985.64	3/4	1,346.31	3/4	1,707.26	3/4	2,068.21	3/4	2,428.98	3/4	2,789.58	3/4	3,150.18	3/4	3,511.04
9	271.43	9	632.65	9	993.14	9	1,353.84	9	1,714.78	9	2,075.73	9	2,436.49	9	2,797.09	9	3,157.69	9	3,518.57
1/4	278.96	1/4	640.15	1/4	1,000.64	1/4	1,361.36	1/4	1,722.30	1/4	2,083.25	1/4	2,444.00	1/4	2,804.60	1/4	3,165.20	1/4	3,526.10
1/2	286.49	1/2	647.66	1/2	1,008.14	1/2	1,368.88	1/2	1,729.82	1/2	2,090.77	1/2	2,451.51	1/2	2,812.11	1/2	3,172.71	1/2	3,533.63
3/4	294.01	3/4	655.17	3/4	1,015.65	3/4	1,376.40	3/4	1,737.34	3/4	2,098.29	3/4	2,459.03	3/4	2,819.63	3/4	3,180.23	3/4	3,541.16
10	301.54	10	662.67	10	1,023.15	10	1,383.92	10	1,744.86	10	2,105.81	10	2,466.54	10	2,827.14	10	3,187.74	10	3,548.69
1/4	308.08	1/4	670.18	1/4	1,030.65	1/4	1,391.43	1/4	1,752.38	1/4	2,113.33	1/4	2,474.05	1/4	2,834.65	1/4	3,195.25	1/4	3,556.21
1/2	314.63	1/2	677.68	1/2	1,038.15	1/2	1,398.95	1/2	1,759.90	1/2	2,120.85	1/2	2,481.56	1/2	2,842.16	1/2	3,202.76	1/2	3,563.74
3/4	323.14	3/4	685.19	3/4	1,045.65	3/4	1,406.47	3/4	1,767.42	3/4	2,128.37	3/4	2,489.08	3/4	2,849.68	3/4	3,210.28	3/4	3,571.27
11	331.65	11	692.70	11	1,053.15	11	1,413.99	11	1,774.94	11	2,135.89	11	2,496.59	11	2,857.19	11	3,217.79	11	3,578.80
1/4	339.18	1/4	700.20	1/4	1,060.65	1/4	1,421.51	1/4	1,782.46	1/4	2,143.40	1/4	2,504.10	1/4	2,864.70	1/4	3,225.30	1/4	3,586.33
1/2	346.71	1/2	707.71	1/2	1,068.15	1/2	1,429.03	1/2	1,789.98	1/2	2,150.92	1/2	2,511.61	1/2	2,872.21	1/2	3,232.81	1/2	3,593.86
3/4	354.24	3/4	715.21	3/4	1,075.65	3/4	1,436.55	3/4	1,797.50	3/4	2,158.44	3/4	2,519.13	3/4	2,879.73	3/4	3,240.33	3/4	3,601.39

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 45'-00" 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 105"

3 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	3,608.91	0	3,879.66	0	4,145.64	0	4,401.28	0	4,641.91	0		0		0		0		0	
1/4	3,616.44	1/4	3,885.22	1/4	4,151.10	1/4	4,406.42	1/4	4,646.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,623.97	1/2	3,890.77	1/2	4,156.56	1/2	4,411.55	1/2	4,651.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,629.53	3/4	3,896.33	3/4	4,162.01	3/4	4,416.69	3/4	4,656.38	3/4		3/4		3/4		3/4		3/4	
1	3,635.09	1	3,901.89	1	4,167.47	1	4,421.83	1	4,661.20	1		1		1		1		1	
1/4	3,640.65	1/4	3,907.45	1/4	4,172.90	1/4	4,426.94	1/4	4,666.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,646.20	1/2	3,913.01	1/2	4,178.34	1/2	4,432.06	1/2	4,671.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,651.76	3/4	3,918.57	3/4	4,183.77	3/4	4,437.18	3/4	4,676.57	3/4		3/4		3/4		3/4		3/4	
2	3,657.32	2	3,924.12	2	4,189.20	2	4,442.29	2	4,681.69	2		2		2		2		2	
1/4	3,662.88	1/4	3,929.68	1/4	4,194.62	1/4	4,447.39	1/4	4,687.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,668.44	1/2	3,935.24	1/2	4,200.03	1/2	4,452.48	1/2	4,692.55	1/2		1/2		1/2		1/2		1/2	
3/4	3,674.00	3/4	3,940.80	3/4	4,205.44	3/4	4,457.57	3/4	4,697.98	3/4		3/4		3/4		3/4		3/4	
3	3,679.55	3	3,946.36	3	4,210.86	3	4,462.67	3	4,703.42	3		3		3		3		3	
1/4	3,685.11	1/4	3,951.92	1/4	4,216.25	1/4	4,467.74	1/4	4,708.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,690.67	1/2	3,957.47	1/2	4,221.64	1/2	4,472.82	1/2	4,714.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,696.23	3/4	3,963.03	3/4	4,227.03	3/4	4,477.89	3/4	4,719.71	3/4		3/4		3/4		3/4		3/4	
4	3,701.79	4	3,968.59	4	4,232.43	4	4,482.96	4	4,725.14	4		4		4		4		4	
1/4	3,707.35	1/4	3,974.15	1/4	4,237.80	1/4	4,488.02	1/4	4,730.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,712.91	1/2	3,979.71	1/2	4,243.17	1/2	4,493.07	1/2	4,735.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,718.46	3/4	3,985.27	3/4	4,248.54	3/4	4,498.12	3/4	4,740.31	3/4		3/4		3/4		3/4		3/4	
5	3,724.02	5	3,990.83	5	4,253.91	5	4,503.17	5	4,745.37	5		5		5		5		5	
1/4	3,729.58	1/4	3,996.38	1/4	4,259.26	1/4	4,508.20	1/4	4,749.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,735.14	1/2	4,001.94	1/2	4,264.61	1/2	4,513.24	1/2	4,753.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,740.70	3/4	4,007.50	3/4	4,269.96	3/4	4,518.27	3/4	4,757.14	3/4		3/4		3/4		3/4		3/4	
6	3,746.26	6	4,013.06	6	4,275.31	6	4,523.30	6	4,761.07	6		6		6		6		6	
1/4	3,751.81	1/4	4,018.62	1/4	4,280.64	1/4	4,528.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,757.37	1/2	4,024.18	1/2	4,285.97	1/2	4,533.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,762.93	3/4	4,029.73	3/4	4,291.30	3/4	4,538.33	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,768.49	7	4,035.29	7	4,296.62	7	4,543.34	7		7		7		7		7		7	
1/4	3,774.05	1/4	4,040.85	1/4	4,301.93	1/4	4,548.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,779.61	1/2	4,046.40	1/2	4,307.24	1/2	4,553.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,785.16	3/4	4,051.96	3/4	4,312.55	3/4	4,558.31	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,790.72	8	4,057.51	8	4,317.86	8	4,563.29	8		8		8		8		8		8	
1/4	3,796.28	1/4	4,063.05	1/4	4,323.14	1/4	4,568.26	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,801.84	1/2	4,068.59	1/2	4,328.43	1/2	4,573.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,807.40	3/4	4,074.13	3/4	4,333.72	3/4	4,578.20	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,812.96	9	4,079.67	9	4,339.00	9	4,583.17	9		9		9		9		9		9	
1/4	3,818.51	1/4	4,085.19	1/4	4,344.23	1/4	4,588.11	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,824.07	1/2	4,090.71	1/2	4,349.47	1/2	4,593.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,829.63	3/4	4,096.23	3/4	4,354.70	3/4	4,598.01	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,835.19	10	4,101.75	10	4,359.93	10	4,602.95	10		10		10		10		10		10	
1/4	3,840.75	1/4	4,107.24	1/4	4,365.11	1/4	4,607.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,846.31	1/2	4,112.74	1/2	4,370.29	1/2	4,612.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,851.87	3/4	4,118.24	3/4	4,375.47	3/4	4,617.64	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,857.42	11	4,123.74	11	4,380.65	11	4,622.53	11		11		11		11		11		11	
1/4	3,862.98	1/4	4,129.21	1/4	4,385.81	1/4	4,627.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,868.54	1/2	4,134.69	1/2	4,390.97	1/2	4,632.22	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,874.10	3/4	4,140.17	3/4	4,396.12	3/4	4,637.07	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2021 JS
CALCULATED: 01/12/2021 CL
PRINTED: 01/13/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2021

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



BARGE "TMTB 105"

3 STBD

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	12.97	0	361.91	0	717.54	0	1,069.87	0	1,430.99	0	1,792.11	0	2,149.95	0	2,510.40	0	2,871.12	0	3,231.89
1/4	18.00	1/4	369.44	1/4	724.75	1/4	1,077.39	1/4	1,438.52	1/4	1,799.63	1/4	2,157.40	1/4	2,517.91	1/4	2,878.63	1/4	3,239.40
1/2	23.03	1/2	376.97	1/2	731.96	1/2	1,084.92	1/2	1,446.04	1/2	1,807.16	1/2	2,164.85	1/2	2,525.43	1/2	2,886.15	1/2	3,246.92
3/4	28.05	3/4	384.49	3/4	739.17	3/4	1,092.44	3/4	1,453.56	3/4	1,814.68	3/4	2,172.29	3/4	2,532.94	3/4	2,893.67	3/4	3,254.43
1	33.08	1	392.02	1	746.39	1	1,099.96	1	1,461.08	1	1,822.20	1	2,179.74	1	2,540.46	1	2,901.18	1	3,261.95
1/4	39.99	1/4	399.55	1/4	753.60	1/4	1,107.49	1/4	1,468.61	1/4	1,829.69	1/4	2,187.22	1/4	2,547.97	1/4	2,908.70	1/4	3,269.47
1/2	46.90	1/2	407.07	1/2	760.81	1/2	1,115.01	1/2	1,476.13	1/2	1,837.17	1/2	2,194.71	1/2	2,555.48	1/2	2,916.21	1/2	3,276.98
3/4	53.81	3/4	414.60	3/4	768.02	3/4	1,122.53	3/4	1,483.65	3/4	1,844.65	3/4	2,202.20	3/4	2,563.00	3/4	2,923.73	3/4	3,284.50
2	60.72	2	422.13	2	775.24	2	1,130.06	2	1,491.18	2	1,852.14	2	2,209.68	2	2,570.51	2	2,931.25	2	3,292.01
1/4	68.25	1/4	429.65	1/4	782.45	1/4	1,137.58	1/4	1,498.70	1/4	1,859.58	1/4	2,217.21	1/4	2,578.02	1/4	2,938.76	1/4	3,299.53
1/2	75.79	1/2	437.18	1/2	789.66	1/2	1,145.10	1/2	1,506.22	1/2	1,867.03	1/2	2,224.73	1/2	2,585.54	1/2	2,946.28	1/2	3,307.05
3/4	83.33	3/4	444.71	3/4	796.87	3/4	1,152.63	3/4	1,513.75	3/4	1,874.47	3/4	2,232.25	3/4	2,593.05	3/4	2,953.79	3/4	3,314.56
3	90.87	3	452.23	3	804.09	3	1,160.15	3	1,521.27	3	1,881.92	3	2,239.77	3	2,600.57	3	2,961.31	3	3,322.08
1/4	98.41	1/4	459.76	1/4	811.31	1/4	1,167.67	1/4	1,528.79	1/4	1,889.37	1/4	2,247.29	1/4	2,608.08	1/4	2,968.83	1/4	3,329.59
1/2	105.95	1/2	467.29	1/2	818.54	1/2	1,175.20	1/2	1,536.32	1/2	1,896.81	1/2	2,254.81	1/2	2,615.59	1/2	2,976.34	1/2	3,337.11
3/4	113.48	3/4	474.81	3/4	825.77	3/4	1,182.72	3/4	1,543.84	3/4	1,904.26	3/4	2,262.33	3/4	2,623.11	3/4	2,983.86	3/4	3,344.63
4	121.02	4	482.34	4	833.00	4	1,190.24	4	1,551.36	4	1,911.70	4	2,269.85	4	2,630.62	4	2,991.37	4	3,352.14
1/4	128.56	1/4	489.87	1/4	840.25	1/4	1,197.77	1/4	1,558.89	1/4	1,919.15	1/4	2,277.37	1/4	2,638.13	1/4	2,998.89	1/4	3,359.66
1/2	136.09	1/2	497.39	1/2	847.49	1/2	1,205.29	1/2	1,566.41	1/2	1,926.59	1/2	2,284.89	1/2	2,645.65	1/2	3,006.41	1/2	3,367.18
3/4	143.63	3/4	504.92	3/4	854.74	3/4	1,212.81	3/4	1,573.93	3/4	1,934.04	3/4	2,292.41	3/4	2,653.16	3/4	3,013.92	3/4	3,374.70
5	151.16	5	512.45	5	861.99	5	1,220.34	5	1,581.46	5	1,941.48	5	2,299.93	5	2,660.68	5	3,021.44	5	3,382.22
1/4	158.69	1/4	519.97	1/4	869.23	1/4	1,227.86	1/4	1,588.98	1/4	1,948.93	1/4	2,307.45	1/4	2,668.19	1/4	3,028.95	1/4	3,389.75
1/2	166.22	1/2	527.50	1/2	876.48	1/2	1,235.39	1/2	1,596.50	1/2	1,956.37	1/2	2,314.97	1/2	2,675.70	1/2	3,036.47	1/2	3,397.27
3/4	173.75	3/4	535.03	3/4	883.72	3/4	1,242.91	3/4	1,604.03	3/4	1,963.82	3/4	2,322.49	3/4	2,683.22	3/4	3,043.99	3/4	3,404.80
6	181.28	6	542.55	6	890.97	6	1,250.43	6	1,611.55	6	1,971.26	6	2,330.01	6	2,690.73	6	3,051.50	6	3,412.32
1/4	188.81	1/4	550.08	1/4	898.22	1/4	1,257.96	1/4	1,619.07	1/4	1,978.71	1/4	2,337.53	1/4	2,698.25	1/4	3,059.02	1/4	3,419.85
1/2	196.33	1/2	557.61	1/2	905.46	1/2	1,265.48	1/2	1,626.60	1/2	1,986.16	1/2	2,345.05	1/2	2,705.77	1/2	3,066.53	1/2	3,427.37
3/4	203.86	3/4	565.13	3/4	912.71	3/4	1,273.00	3/4	1,634.12	3/4	1,993.60	3/4	2,352.56	3/4	2,713.28	3/4	3,074.05	3/4	3,434.90
7	211.39	7	572.66	7	919.95	7	1,280.53	7	1,641.64	7	2,001.05	7	2,360.08	7	2,720.80	7	3,081.57	7	3,442.42
1/4	218.91	1/4	580.03	1/4	927.34	1/4	1,288.05	1/4	1,649.17	1/4	2,008.49	1/4	2,367.60	1/4	2,728.31	1/4	3,089.08	1/4	3,449.95
1/2	226.44	1/2	587.40	1/2	934.72	1/2	1,295.57	1/2	1,656.69	1/2	2,015.94	1/2	2,375.12	1/2	2,735.83	1/2	3,096.60	1/2	3,457.48
3/4	233.97	3/4	594.77	3/4	942.11	3/4	1,303.10	3/4	1,664.21	3/4	2,023.38	3/4	2,382.64	3/4	2,743.35	3/4	3,104.11	3/4	3,465.01
8	241.49	8	602.14	8	949.49	8	1,310.62	8	1,671.74	8	2,030.83	8	2,390.16	8	2,750.86	8	3,111.63	8	3,472.54
1/4	249.02	1/4	609.35	1/4	957.02	1/4	1,318.14	1/4	1,679.26	1/4	2,038.27	1/4	2,397.68	1/4	2,758.38	1/4	3,119.15	1/4	3,480.08
1/2	256.54	1/2	616.56	1/2	964.54	1/2	1,325.67	1/2	1,686.78	1/2	2,045.72	1/2	2,405.19	1/2	2,765.89	1/2	3,126.66	1/2	3,487.62
3/4	264.07	3/4	623.77	3/4	972.06	3/4	1,333.19	3/4	1,694.31	3/4	2,053.16	3/4	2,412.71	3/4	2,773.41	3/4	3,134.18	3/4	3,495.15
9	271.60	9	630.99	9	979.59	9	1,340.71	9	1,701.83	9	2,060.61	9	2,420.23	9	2,780.93	9	3,141.69	9	3,502.69
1/4	279.12	1/4	638.20	1/4	987.11	1/4	1,348.24	1/4	1,709.35	1/4	2,068.06	1/4	2,427.74	1/4	2,788.44	1/4	3,149.21	1/4	3,510.23
1/2	286.65	1/2	645.41	1/2	994.63	1/2	1,355.76	1/2	1,716.88	1/2	2,075.50	1/2	2,435.26	1/2	2,795.96	1/2	3,156.73	1/2	3,517.76
3/4	294.18	3/4	652.62	3/4	1,002.16	3/4	1,363.28	3/4	1,724.40	3/4	2,082.95	3/4	2,442.77	3/4	2,803.47	3/4	3,164.24	3/4	3,525.30
10	301.70	10	659.84	10	1,009.68	10	1,370.81	10	1,731.92	10	2,090.39	10	2,450.29	10	2,810.99	10	3,171.76	10	3,532.84
1/4	309.23	1/4	667.05	1/4	1,017.20	1/4	1,378.33	1/4	1,739.45	1/4	2,097.84	1/4	2,457.80	1/4	2,818.51	1/4	3,179.27	1/4	3,540.37
1/2	316.76	1/2	674.26	1/2	1,024.73	1/2	1,385.85	1/2	1,746.97	1/2	2,105.28	1/2	2,465.32	1/2	2,826.02	1/2	3,186.79	1/2	3,547.91
3/4	324.28	3/4	681.47	3/4	1,032.25	3/4	1,393.38	3/4	1,754.49	3/4	2,112.73	3/4	2,472.83	3/4	2,833.54	3/4	3,194.31	3/4	3,555.45
11	331.81	11	688.69	11	1,039.77	11	1,400.90	11	1,762.02	11	2,120.17	11	2,480.34	11	2,841.05	11	3,201.82	11	3,562.98
1/4	339.34	1/4	695.90	1/4	1,047.30	1/4	1,408.42	1/4	1,769.54	1/4	2,127.62	1/4	2,487.86	1/4	2,848.57	1/4	3,209.34	1/4	3,570.52
1/2	346.86	1/2	703.11	1/2	1,054.82	1/2	1,415.95	1/2	1,777.06	1/2	2,135.06	1/2	2,495.37	1/2	2,856.09	1/2	3,216.85	1/2	3,578.06
3/4	354.39	3/4	710.32	3/4	1,062.34	3/4	1,423.47	3/4	1,784.59	3/4	2,142.51	3/4	2,502.89	3/4	2,863.60	3/4	3,224.37	3/4	3,585.59

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'-00" 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 105"

3 STBD

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	3,593.13	0	3,864.38	0	4,130.88	0	4,387.04	0	4,628.22	0		0		0		0		0	
1/4	3,599.68	1/4	3,869.95	1/4	4,136.35	1/4	4,392.19	1/4	4,633.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,606.24	1/2	3,875.52	1/2	4,141.81	1/2	4,397.34	1/2	4,637.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,612.79	3/4	3,881.09	3/4	4,147.28	3/4	4,402.49	3/4	4,642.72	3/4		3/4		3/4		3/4		3/4	
1	3,619.34	1	3,886.66	1	4,152.75	1	4,407.64	1	4,647.55	1		1		1		1		1	
1/4	3,624.91	1/4	3,892.23	1/4	4,158.19	1/4	4,412.76	1/4	4,652.69	1/4		1/4		1/4		1/4		1/4	
1/2	3,630.48	1/2	3,897.80	1/2	4,163.64	1/2	4,417.89	1/2	4,657.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,636.05	3/4	3,903.37	3/4	4,169.08	3/4	4,423.02	3/4	4,662.95	3/4		3/4		3/4		3/4		3/4	
2	3,641.62	2	3,908.93	2	4,174.53	2	4,428.14	2	4,668.09	2		2		2		2		2	
1/4	3,647.19	1/4	3,914.50	1/4	4,179.95	1/4	4,433.25	1/4	4,673.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,652.76	1/2	3,920.07	1/2	4,185.38	1/2	4,438.35	1/2	4,678.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,658.33	3/4	3,925.64	3/4	4,190.80	3/4	4,443.46	3/4	4,684.41	3/4		3/4		3/4		3/4		3/4	
3	3,663.89	3	3,931.21	3	4,196.22	3	4,448.57	3	4,689.86	3		3		3		3		3	
1/4	3,669.46	1/4	3,936.78	1/4	4,201.63	1/4	4,453.65	1/4	4,695.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,675.03	1/2	3,942.35	1/2	4,207.03	1/2	4,458.74	1/2	4,700.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,680.60	3/4	3,947.92	3/4	4,212.43	3/4	4,463.82	3/4	4,706.19	3/4		3/4		3/4		3/4		3/4	
4	3,686.17	4	3,953.49	4	4,217.84	4	4,468.91	4	4,711.63	4		4		4		4		4	
1/4	3,691.74	1/4	3,959.06	1/4	4,223.22	1/4	4,473.97	1/4	4,716.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,697.31	1/2	3,964.63	1/2	4,228.60	1/2	4,479.03	1/2	4,721.76	1/2		1/2		1/2		1/2		1/2	
3/4	3,702.88	3/4	3,970.19	3/4	4,233.98	3/4	4,484.10	3/4	4,726.83	3/4		3/4		3/4		3/4		3/4	
5	3,708.45	5	3,975.76	5	4,239.36	5	4,489.16	5	4,731.90	5		5		5		5		5	
1/4	3,714.02	1/4	3,981.33	1/4	4,244.72	1/4	4,494.20	1/4	4,735.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,719.59	1/2	3,986.90	1/2	4,250.09	1/2	4,499.25	1/2	4,739.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,725.15	3/4	3,992.47	3/4	4,255.45	3/4	4,504.29	3/4	4,743.71	3/4		3/4		3/4		3/4		3/4	
6	3,730.72	6	3,998.04	6	4,260.81	6	4,509.33	6	4,747.64	6		6		6		6		6	
1/4	3,736.29	1/4	4,003.61	1/4	4,266.15	1/4	4,514.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,741.86	1/2	4,009.18	1/2	4,271.49	1/2	4,519.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,747.43	3/4	4,014.75	3/4	4,276.83	3/4	4,524.40	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,753.00	7	4,020.32	7	4,282.17	7	4,529.42	7		7		7		7		7		7	
1/4	3,758.57	1/4	4,025.88	1/4	4,287.48	1/4	4,534.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,764.14	1/2	4,031.45	1/2	4,292.80	1/2	4,539.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,769.71	3/4	4,037.01	3/4	4,298.12	3/4	4,544.42	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,775.28	8	4,042.58	8	4,303.44	8	4,549.42	8		8		8		8		8		8	
1/4	3,780.85	1/4	4,048.13	1/4	4,308.74	1/4	4,554.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,786.41	1/2	4,053.68	1/2	4,314.04	1/2	4,559.38	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,791.98	3/4	4,059.23	3/4	4,319.33	3/4	4,564.36	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,797.55	9	4,064.78	9	4,324.63	9	4,569.34	9		9		9		9		9		9	
1/4	3,803.12	1/4	4,070.31	1/4	4,329.87	1/4	4,574.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,808.69	1/2	4,075.84	1/2	4,335.12	1/2	4,579.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,814.26	3/4	4,081.37	3/4	4,340.36	3/4	4,584.21	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,819.83	10	4,086.90	10	4,345.61	10	4,589.17	10		10		10		10		10		10	
1/4	3,825.40	1/4	4,092.41	1/4	4,350.80	1/4	4,594.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,830.97	1/2	4,097.91	1/2	4,355.99	1/2	4,598.98	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,836.54	3/4	4,103.42	3/4	4,361.18	3/4	4,603.89	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,842.11	11	4,108.93	11	4,366.37	11	4,608.80	11		11		11		11		11		11	
1/4	3,847.67	1/4	4,114.42	1/4	4,371.54	1/4	4,613.65	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,853.24	1/2	4,119.91	1/2	4,376.71	1/2	4,618.51	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,858.81	3/4	4,125.39	3/4	4,381.87	3/4	4,623.36	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/12/2021 JS
CALCULATED: 01/12/2021 CL
PRINTED: 01/13/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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