BARGE "TMTB 111"

INNAGE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**	**BOW**	**STERN**
1 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
1 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
2 PORT	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4
2 STBD	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00 7/8"
FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 7/8"

LENGTH BETWEEN DRAFT MARKS: 236'-00"

December 30, 2021

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588

http://www.pmacorp.net

BARGE "TMTB 111"

1 PORT

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	10.20	0	259.79	0	540.70	0	843.68	0	1,168.22	0	1,498.98	0	1,829.75	0	2,160.47	0	2,491.12	0	2,821.77
1/4	13.53	1/4	265.44	1/4	546.78	1/4	850.24	1/4	1,175.11	1/4	1,505.88	1/4	1,836.64	1/4	2,167.35	1/4	2,498.01	1/4	2,828.66
1/2	16.86	1/2	271.09	1/2	552.87	1/2	856.81	1/2	1,182.00	1/2	1,512.77	1/2	1,843.53	1/2	2,174.24	1/2	2,504.90	1/2	2,835.55
3/4	20.19	3/4	276.74	3/4	558.96	3/4	863.38	3/4	1,188.89	3/4	1,519.66	3/4	1,850.42	3/4	2,181.13	3/4	2,511.78	3/4	2,842.44
1	23.52	1	282.39	1	565.04	1	869.94	1	1,195.78	1	1,526.55	1	1,857.31	1	2,188.02	1	2,518.67	1	2,849.33
1/4	28.18	1/4	288.08	1/4	571.17	1/4	876.55	1/4	1,202.68	1/4	1,533.44	1/4	1,864.20	1/4	2,194.91	1/4	2,525.56	1/4	2,856.21
1/2	32.83	1/2	293.77	1/2	577.29	1/2	883.15	1/2	1,209.57	1/2	1,540.33	1/2	1,871.09	1/2	2,201.80	1/2	2,532.45	1/2	2,863.10
3/4	37.49	3/4	299.46	3/4	583.42	3/4	889.76	3/4	1,216.46	3/4	1,547.22	3/4	1,877.98	3/4	2,208.69	3/4	2,539.34	3/4	2,869.99
2	42.15	2	305.15	2	589.54	2	896.36	2	1,223.35	2	1,554.11	2	1,884.87	2	2,215.57	2	2,546.23	2	2,876.88
1/4	47.42	1/4	310.88	1/4	595.70	1/4	903.01	1/4	1,230.24	1/4	1,561.00	1/4	1,891.77	1/4	2,222.46	1/4	2,553.12	1/4	2,883.77
1/2	52.68	1/2	316.60	1/2	601.86	1/2	909.65	1/2	1,237.13	1/2	1,567.89	1/2	1,898.66	1/2	2,229.35	1/2	2,560.00	1/2	2,890.66
3/4	57.95	3/4	322.33	3/4	608.03	3/4	916.29	3/4	1,244.02	3/4	1,574.78	3/4	1,905.55	3/4	2,236.24	3/4	2,566.89	3/4	2,897.55
3	63.22	3	328.06	3	614.19	3	922.93	3	1,250.91	3	1,581.67	3	1,912.44	3	2,243.13	3	2,573.78	3	2,904.43
1/4	68.53	1/4	333.82	1/4	620.40	1/4	929.61	1/4	1,257.80	1/4	1,588.57	1/4	1,919.33	1/4	2,250.02	1/4	2,580.67	1/4	2,911.32
1/2	73.84	1/2	339.59	1/2	626.61	1/2	936.30	1/2	1,264.69	1/2	1,595.46	1/2	1,926.22	1/2	2,256.91	1/2	2,587.56	1/2	2,918.21
3/4	79.15	3/4	345.35	3/4	632.83	3/4	942.98	3/4	1,271.58	3/4	1,602.35	3/4	1,933.11	3/4	2,263.79	3/4	2,594.45	3/4	2,925.10
4	84.45	4	351.12	4	639.04	4	949.66	4	1,278.48	4	1,609.24	4	1,940.00	4	2,270.68	4	2,601.34	4	2,931.99
1/4	89.80	1/4	356.92	1/4	645.30	1/4	956.38	1/4	1,285.37	1/4	1,616.13	1/4	1,946.89	1/4	2,277.57	1/4	2,608.22	1/4	2,938.88
1/2	95.15	1/2	362.73	1/2	651.56	1/2	963.10	1/2	1,292.26	1/2	1,623.02	1/2	1,953.78	1/2	2,284.46	1/2	2,615.11	1/2	2,945.77
3/4	100.49	3/4	368.53	3/4	657.82	3/4	969.82	3/4	1,299.15	3/4	1,629.91	3/4	1,960.67	3/4	2,291.35	3/4	2,622.00	3/4	2,952.65
5	105.84	5	374.33	5	664.08	5	976.53	5	1,306.04	5	1,636.80	5	1,967.57	5	2,298.24	5	2,628.89	5	2,959.54
1/4	111.22	1/4	380.17	1/4	670.38	1/4	983.29	1/4	1,312.93	1/4	1,643.69	1/4	1,974.46	1/4	2,305.13	1/4	2,635.78	1/4	2,966.43
1/2	116.60	1/2	386.02	1/2	676.68	1/2	990.05	1/2	1,319.82	1/2	1,650.58	1/2	1,981.35	1/2	2,312.01	1/2	2,642.67	1/2	2,973.32
3/4	121.99	3/4	391.86	3/4	682.98	3/4	996.81	3/4	1,326.71	3/4	1,657.47	3/4	1,988.24	3/4	2,318.90	3/4	2,649.56	3/4	2,980.21
6	127.37	6	397.70	6	689.28	6	1,003.56	6	1,333.60	6	1,664.37	6	1,995.13	6	2,325.79	6	2,656.44	6	2,987.10
1/4	132.79	1/4	403.58	1/4	695.62	1/4	1,010.36	1/4	1,340.49	1/4	1,671.26	1/4	2,002.02	1/4	2,332.68	1/4	2,663.33	1/4	2,993.99
1/2	138.22	1/2	409.46	1/2	701.96	1/2	1,017.16	1/2	1,347.38	1/2	1,678.15	1/2	2,008.91	1/2	2,339.57	1/2	2,670.22	1/2	3,000.87
3/4	143.64	3/4	415.34	3/4	708.30	3/4	1,023.95	3/4	1,354.28	3/4	1,685.04	3/4	2,015.80	3/4	2,346.46	3/4	2,677.11	3/4	3,007.76
7	149.06	7	421.22	7	714.63	7	1,030.75	7	1,361.17	7	1,691.93	7	2,022.69	7	2,353.35	7	2,684.00	7	3,014.65
1/4	154.52	1/4	427.12	1/4	721.01	1/4	1,037.58	1/4	1,368.06	1/4	1,698.82	1/4	2,029.58	1/4	2,360.24	1/4	2,690.89	1/4	3,021.54
1/2	159.98	1/2	433.03	1/2	727.38	1/2	1,044.41	1/2	1,374.95	1/2	1,705.71	1/2	2,036.47	1/2	2,367.12	1/2	2,697.78	1/2	3,028.43
3/4	165.44	3/4	438.94	3/4	733.76	3/4	1,051.25	3/4	1,381.84	3/4	1,712.60	3/4	2,043.36	3/4	2,374.01	3/4	2,704.67	3/4	3,035.32
8	170.90	8	444.84	8	740.14	8	1,058.08	8	1,388.73	8	1,719.49	8	2,050.25	8	2,380.90	8	2,711.55	8	3,042.21
1/4	176.40	1/4	450.78	1/4	746.55	1/4	1,064.95	1/4	1,395.62	1/4	1,726.38	1/4	2,057.14	1/4	2,387.79	1/4	2,718.44	1/4	3,049.10
1/2	181.90	1/2	456.71	1/2	752.96	1/2	1,071.82	1/2	1,402.51	1/2	1,733.27	1/2	2,064.03	1/2	2,394.68	1/2	2,725.33	1/2	3,055.98
3/4	187.40	3/4	462.65	3/4	759.38	3/4	1,078.68	3/4	1,409.40	3/4	1,740.17	3/4	2,070.91	3/4	2,401.57	3/4	2,732.22	3/4	3,062.87
9	192.89	9	468.58	9	765.79	9	1,085.55	9	1,416.29	9	1,747.06	9	2,077.80	9	2,408.46	9	2,739.11	9	3,069.76
1/4	198.43	1/4	474.55	1/4	772.24	1/4	1,092.44	1/4	1,423.18	1/4	1,753.95	1/4	2,084.69	1/4	2,415.34	1/4	2,746.00	1/4	3,076.65
1/2	203.97	1/2	480.52	1/2	778.70	1/2	1,099.32	1/2	1,430.08	1/2	1,760.84	1/2	2,091.58	1/2	2,422.23	1/2	2,752.89	1/2	3,083.54
3/4	209.50	3/4	486.49	3/4	785.15	3/4	1,106.21	3/4	1,436.97	3/4	1,767.73	3/4	2,098.47	3/4	2,429.12	3/4	2,759.77	3/4	3,090.43
10	215.04	10	492.47	10	791.60	10	1,113.09	10	1,443.86	10	1,774.62	10	2,105.36	10	2,436.01	10	2,766.66	10	3,097.32
1/4	220.61	1/4	498.48	1/4	798.09	1/4	1,119.98	1/4	1,450.75	1/4	1,781.51	1/4	2,112.25	1/4	2,442.90	1/4	2,773.55	1/4	3,104.20
1/2	226.19	1/2	504.49	1/2	804.58	1/2	1,126.88	1/2	1,457.64	1/2	1,788.40	1/2	2,119.13	1/2	2,449.79	1/2	2,780.44	1/2	3,111.09
3/4	231.76	3/4	510.50	3/4	811.07	3/4	1,133.77	3/4	1,464.53	3/4	1,795.29	3/4	2,126.02	3/4	2,456.68	3/4	2,787.33	3/4	3,117.98
11	237.34	11	516.51	11	817.56	11	1,140.66	11	1,471.42	11	1,802.18	11	2,132.91	11	2,463.56	11	2,794.22	11	3,124.87
1/4	242.95	1/4	522.55	1/4	824.09	1/4	1,147.55	1/4	1,478.31	1/4	1,809.07	1/4	2,139.80	1/4	2,470.45	1/4	2,801.11	1/4	3,131.76
1/2	248.56	1/2	528.60	1/2	830.62	1/2	1,154.44	1/2	1,485.20	1/2	1,815.97	1/2	2,146.69	1/2	2,477.34	1/2	2,807.99	1/2	3,138.65
3/4	254.18	3/4	534.65	3/4	837.15	3/4	1,161.33	3/4	1,492.09	3/4	1,822.86	3/4	2,153.58	3/4	2,484.23	3/4	2,814.88	3/4	3,145.54

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "TMTB 111"

1 PORT

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

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	3,152.42	0	3,483.08	0	3,812.72	0	4,129.93	0	4,429.99	0		0		0		0		0	
1/4	3,159.31	1/4	3,489.97	1/4	3,819.48	1/4	4,136.34	1/4	4,435.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,166.20	1/2	3,496.85	1/2	3,826.24	1/2	4,142.75	1/2	4,441.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,173.09	3/4	3,503.74	3/4	3,833.00	3/4	4,149.16	3/4	4,447.99	3/4		3/4		3/4		3/4		3/4	
1	3,179.98	1	3,510.63	1	3,839.76	1	4,155.56	1	4,453.98	1		1		1		1		1	
1/4	3,186.87	1/4	3,517.52	1/4	3,846.49	1/4	4,161.94	1/4	4,460.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,193.76	1/2	3,524.41	1/2	3,853.23	1/2	4,168.32	1/2	4,466.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,200.64	3/4	3,531.30	3/4	3,859.96	3/4	4,174.71	3/4	4,473.09	3/4		3/4		3/4		3/4		3/4	
2	3,207.53	2	3,538.19	2	3,866.70	2	4,181.09	2	4,479.46	2		2		2		2		2	
1/4	3,214.42	1/4	3,545.07	1/4	3,873.41	1/4	4,187.44	1/4	4,486.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,221.31	1/2	3,551.96	1/2	3,880.12	1/2	4,193.80	1/2	4,492.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,228.20	3/4	3,558.85	3/4	3,886.82	3/4	4,200.15	3/4	4,499.72	3/4		3/4		3/4		3/4		3/4	
3	3,235.09	3	3,565.74	3	3,893.53	3	4,206.51	3	4,506.48	3		3		3		3		3	
1/4	3,241.98	1/4	3,572.63	1/4	3,900.22	1/4	4,212.83	1/4	4,513.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,248.86	1/2	3,579.52	1/2	3,906.90	1/2	4,219.16	1/2	4,519.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,255.75	3/4	3,586.41	3/4	3,913.58	3/4	4,225.49	3/4	4,526.74	3/4		3/4		3/4		3/4		3/4	
4	3,262.64	4	3,593.29	4	3,920.26	4	4,231.82	4	4,533.49	4		4		4		4		4	
1/4	3,269.53	1/4	3,600.18	1/4	3,926.92	1/4	4,238.12	1/4	4,539.90	1/4		1/4		1/4		1/4		1/4	
1/2	3,276.42	1/2	3,607.07	1/2	3,933.58	1/2	4,244.42	1/2	4,546.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,283.31	3/4	3,613.96	3/4	3,940.23	3/4	4,250.73	3/4	4,552.72	3/4		3/4		3/4		3/4		3/4	
5	3,290.20	5	3,620.85	5	3,946.89	5	4,257.03	5	4,559.13	5		5		5		5		5	
1/4	3,297.08	1/4	3,627.74	1/4	3,953.52	1/4	4,263.30	1/4	4,564.51	1/4		1/4		1/4		1/4		1/4	
1/2	3,303.97	1/2	3,634.63	1/2	3,960.15	1/2	4,269.58	1/2	4,569.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,310.86	3/4	3,641.51	3/4	3,966.78	3/4	4,275.86	3/4	4,575.26	3/4		3/4		3/4		3/4		3/4	
6	3,317.75	6	3,648.40	6	3,973.41	6	4,282.13	6	4,580.64	6		6		6		6		6	
1/4	3,324.64	1/4	3,655.29	1/4	3,980.01	1/4	4,288.38	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,331.53	1/2	3,662.18	1/2	3,986.62	1/2	4,294.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,338.42	3/4	3,669.07	3/4	3,993.22	3/4	4,300.88	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,345.30	7	3,675.96	7	3,999.82	7	4,307.13	7		7		7		7		7		7	
1/4	3,352.19	1/4	3,682.84	1/4	4,006.40	1/4	4,313.36	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,359.08	1/2	3,689.72	1/2	4,012.98	1/2	4,319.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,365.97	3/4	3,696.61	3/4	4,019.56	3/4	4,325.81	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,372.86	8	3,703.49	8	4,026.14	8	4,332.03	8		8		8		8		8		8	
1/4	3,379.75	1/4	3,710.36	1/4	4,032.69	1/4	4,338.23	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,386.64	1/2	3,717.22	1/2	4,039.24	1/2	4,344.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,393.53	3/4	3,724.09	3/4	4,045.79	3/4	4,350.62	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,400.41	9	3,730.95	9	4,052.34	9	4,356.82	9		9		9		9		9		9	
1/4	3,407.30	1/4	3,737.79	1/4	4,058.85	1/4	4,362.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,414.19	1/2	3,744.63	1/2	4,065.35	1/2	4,369.16	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,421.08	3/4	3,751.47	3/4	4,071.86	3/4	4,375.33	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,427.97	10	3,758.31	10	4,078.36	10	4,381.51	10		10		10		10		10		10	
1/4	3,434.86	1/4	3,765.13	1/4	4,084.82	1/4	4,387.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,441.75	1/2	3,771.94	1/2	4,091.28	1/2	4,393.70	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,448.63	3/4	3,778.75	3/4	4,097.74	3/4	4,399.80	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,455.52	11	3,785.57	11	4,104.20	11	4,405.90	11		11		11		11		11		11	
1/4	3,462.41	1/4	3,792.35	1/4	4,110.63	1/4	4,411.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,469.30	1/2	3,799.14	1/2	4,117.07	1/2	4,417.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,476.19	3/4	3,805.93	3/4	4,123.50	3/4	4,423.97	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

1 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	10.22	0	260.52	0	541.75	0	844.79	0	1,170.17	0	1,501.78	0	1,833.38	0	2,164.95	0	2,496.45	0	2,827.95
1/4	13.56	1/4	266.19	1/4	547.83	1/4	851.37	1/4	1,177.08	1/4	1,508.69	1/4	1,840.29	1/4	2,171.86	1/4	2,503.36	1/4	2,834.86
1/2	16.90	1/2	271.85	1/2	553.90	1/2	857.96	1/2	1,183.99	1/2	1,515.59	1/2	1,847.20	1/2	2,178.77	1/2	2,510.26	1/2	2,841.76
3/4	20.24	3/4	277.52	3/4	559.98	3/4	864.54	3/4	1,190.89	3/4	1,522.50	3/4	1,854.11	3/4	2,185.67	3/4	2,517.17	3/4	2,848.67
1	23.58	1	283.19	1	566.06	1	871.12	1	1,197.80	1	1,529.41	1	1,861.02	1	2,192.58	1	2,524.08	1	2,855.57
1/4	28.25	1/4	288.89	1/4	572.18	1/4	877.74	1/4	1,204.71	1/4	1,536.32	1/4	1,867.93	1/4	2,199.49	1/4	2,530.98	1/4	2,862.48
1/2	32.92	1/2	294.59	1/2	578.29	1/2	884.37	1/2	1,211.62	1/2	1,543.23	1/2	1,874.84	1/2	2,206.39	1/2	2,537.89	1/2	2,869.39
3/4	37.60	3/4	300.30	3/4	584.41	3/4	890.99	3/4	1,218.53	3/4	1,550.14	3/4	1,881.74	3/4	2,213.30	3/4	2,544.80	3/4	2,876.29
2	42.27	2	306.00	2	590.52	2	897.61	2	1,225.44	2	1,557.04	2	1,888.65	2	2,220.20	2	2,551.70	2	2,883.20
1/4	47.55	1/4	311.75	1/4	596.68	1/4	904.27	1/4	1,232.35	1/4	1,563.95	1/4	1,895.56	1/4	2,227.11	1/4	2,558.61	1/4	2,890.11
1/2	52.83	1/2	317.49	1/2	602.83	1/2	910.93	1/2	1,239.25	1/2	1,570.86	1/2	1,902.47	1/2	2,234.02	1/2	2,565.51	1/2	2,897.01
3/4	58.12	3/4	323.23	3/4	608.99	3/4	917.59	3/4	1,246.16	3/4	1,577.77	3/4	1,909.38	3/4	2,240.92	3/4	2,572.42	3/4	2,903.92
3	63.40	3	328.98	3	615.14	3	924.25	3	1,253.07	3	1,584.68	3	1,916.29	3	2,247.83	3	2,579.33	3	2,910.82
1/4	68.73	1/4	334.76	1/4	621.35	1/4	930.95	1/4	1,259.98	1/4	1,591.59	1/4	1,923.20	1/4	2,254.74	1/4	2,586.23	1/4	2,917.73
1/2	74.05	1/2	340.54	1/2	627.55	1/2	937.65	1/2	1,266.89	1/2	1,598.50	1/2	1,930.10	1/2	2,261.64	1/2	2,593.14	1/2	2,924.64
3/4	79.37	3/4	346.32	3/4	633.75	3/4	944.35	3/4	1,273.80	3/4	1,605.40	3/4	1,937.01	3/4	2,268.55	3/4	2,600.05	3/4	2,931.54
4	84.69	4	352.10	4	639.96	4	951.04	4	1,280.70	4	1,612.31	4	1,943.92	4	2,275.45	4	2,606.95	4	2,938.45
1/4	90.05	1/4	357.92	1/4	646.21	1/4	957.78	1/4	1,287.61	1/4	1,619.22	1/4	1,950.83	1/4	2,282.36	1/4	2,613.86	1/4	2,945.36
1/2	95.42	1/2	363.74	1/2	652.46	1/2	964.52	1/2	1,294.52	1/2	1,626.13	1/2	1,957.74	1/2	2,289.27	1/2	2,620.76	1/2	2,952.26
3/4	100.78	3/4	369.56	3/4	658.72	3/4	971.25	3/4	1,301.43	3/4	1,633.04	3/4	1,964.65	3/4	2,296.17	3/4	2,627.67	3/4	2,959.17
5	106.14	5	375.38	5	664.97	5	977.99	5	1,308.34	5	1,639.95	5	1,971.55	5	2,303.08	5	2,634.58	5	2,966.07
1/4	111.54	1/4	381.23	1/4	671.26	1/4	984.77	1/4	1,315.25	1/4	1,646.86	1/4	1,978.46	1/4	2,309.98	1/4	2,641.48	1/4	2,972.98
1/2	116.94	1/2	387.09	1/2	677.55	1/2	991.54	1/2	1,322.16	1/2	1,653.76	1/2	1,985.37	1/2	2,316.89	1/2	2,648.39	1/2	2,979.89
3/4	122.33	3/4	392.95	3/4	683.84	3/4	998.32	3/4	1,329.06	3/4	1,660.67	3/4	1,992.28	3/4	2,323.80	3/4	2,655.29	3/4	2,986.79
6	127.73	6	398.81	6	690.14	6	1,005.09	6	1,335.97	6	1,667.58	6	1,999.19	6	2,330.70	6	2,662.20	6	2,993.70
1/4	133.17	1/4	404.70	1/4	696.47	1/4	1,011.90	1/4	1,342.88	1/4	1,674.49	1/4	2,006.10	1/4	2,337.61	1/4	2,669.11	1/4	3,000.60
1/2	138.61	1/2	410.60	1/2	702.80	1/2	1,018.72	1/2	1,349.79	1/2	1,681.40	1/2	2,013.01	1/2	2,344.52	1/2	2,676.01	1/2	3,007.51
3/4	144.05	3/4	416.49	3/4	709.13	3/4	1,025.53	3/4	1,356.70	3/4	1,688.31	3/4	2,019.91	3/4	2,351.42	3/4	2,682.92	3/4	3,014.42
7	149.48	7	422.39	7	715.45	7	1,032.34	7	1,363.61	7	1,695.21	7	2,026.82	7	2,358.33	7	2,689.83	7	3,021.32
1/4	154.96	1/4	428.30	1/4	721.84	1/4	1,039.19	1/4	1,370.52	1/4	1,702.12	1/4	2,033.73	1/4	2,365.23	1/4	2,696.73	1/4	3,028.23
1/2	160.43	1/2	434.21	1/2	728.22	1/2	1,046.04	1/2	1,377.42	1/2	1,709.03	1/2	2,040.64	1/2	2,372.14	1/2	2,703.64	1/2	3,035.14
3/4	165.91	3/4	440.12	3/4	734.60	3/4	1,052.90	3/4	1,384.33	3/4	1,715.94	3/4	2,047.55	3/4	2,379.05	3/4	2,710.54	3/4	3,042.04
8	171.38	8	446.03	8	740.98	8	1,059.75	8	1,391.24	8	1,722.85	8	2,054.46	8	2,385.95	8	2,717.45	8	3,048.95
1/4	176.90	1/4	451.96	1/4	747.41	1/4	1,066.63	1/4	1,398.15	1/4	1,729.76	1/4	2,061.36	1/4	2,392.86	1/4	2,724.36	1/4	3,055.85
1/2	182.41	1/2	457.88	1/2	753.84	1/2	1,073.52	1/2	1,405.06	1/2	1,736.67	1/2	2,068.27	1/2	2,399.77	1/2	2,731.26	1/2	3,062.76
3/4	187.92	3/4	463.81	3/4	760.27	3/4	1,080.40	3/4	1,411.97	3/4	1,743.57	3/4	2,075.17	3/4	2,406.67	3/4	2,738.17	3/4	3,069.67
9	193.44	9	469.73	9	766.70	9	1,087.29	9	1,418.87	9	1,750.48	9	2,082.08	9	2,413.58	9	2,745.08	9	3,076.57
1/4	198.99	1/4	475.70	1/4	773.17	1/4	1,094.19	1/4	1,425.78	1/4	1,757.39	1/4	2,088.99	1/4	2,420.48	1/4	2,751.98	1/4	3,083.48
1/2	204.54	1/2	481.66	1/2	779.64	1/2	1,101.09	1/2	1,432.69	1/2	1,764.30	1/2	2,095.89	1/2	2,427.39	1/2	2,758.89	1/2	3,090.39
3/4	210.09	3/4	487.62	3/4	786.11	3/4	1,108.00	3/4	1,439.60	3/4	1,771.21	3/4	2,102.80	3/4	2,434.30	3/4	2,765.79	3/4	3,097.29
10	215.65	10	493.58	10	792.58	10	1,114.90	10	1,446.51	10	1,778.12	10	2,109.70	10	2,441.20	10	2,772.70	10	3,104.20
1/4	221.24	1/4	499.59	1/4	799.08	1/4	1,121.81	1/4	1,453.42	1/4	1,785.03	1/4	2,116.61	1/4	2,448.11	1/4	2,779.61	1/4	3,111.10
1/2	226.83	1/2	505.59	1/2	805.59	1/2	1,128.72	1/2	1,460.33	1/2	1,791.93	1/2	2,123.52	1/2	2,455.01	1/2	2,786.51	1/2	3,118.01
3/4	232.42	3/4	511.59	3/4	812.10	3/4	1,135.63	3/4	1,467.23	3/4	1,798.84	3/4	2,130.42	3/4	2,461.92	3/4	2,793.42	3/4	3,124.92
11	238.01	11	517.59	11	818.61	11	1,142.53	11	1,474.14	11	1,805.75	11	2,137.33	11	2,468.83	11	2,800.32	11	3,131.82
1/4	243.63	1/4	523.63	1/4	825.15	1/4	1,149.44	1/4	1,481.05	1/4	1,812.66	1/4	2,144.24	1/4	2,475.73	1/4	2,807.23	1/4	3,138.73
1/2	249.26	1/2	529.67	1/2	831.70	1/2	1,156.35	1/2	1,487.96	1/2	1,819.57	1/2	2,151.14	1/2	2,482.64	1/2	2,814.14	1/2	3,145.63
3/4	254.89	3/4	535.71	3/4	838.24	3/4	1,163.26	3/4	1,494.87	3/4	1,826.48	3/4	2,158.05	3/4	2,489.55	3/4	2,821.04	3/4	3,152.54

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "TMTB 111"

1 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

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	3,159.45	0	3,490.94	0	3,821.44	0	4,139.48	0	4,440.34	0		0		0		0		0	
1/4	3,166.35	1/4	3,497.85	1/4	3,828.22	1/4	4,145.91	1/4	4,446.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,173.26	1/2	3,504.76	1/2	3,835.00	1/2	4,152.33	1/2	4,452.37	1/2		1/2		1/2		1/2		1/2	
3/4	3,180.17	3/4	3,511.66	3/4	3,841.77	3/4	4,158.75	3/4	4,458.38	3/4		3/4		3/4		3/4		3/4	
1	3,187.07	1	3,518.57	1	3,848.55	1	4,165.18	1	4,464.39	1		1		1		1		1	
1/4	3,193.98	1/4	3,525.48	1/4	3,855.30	1/4	4,171.58	1/4	4,470.78	1/4		1/4		1/4		1/4		1/4	
1/2	3,200.88	1/2	3,532.38	1/2	3,862.06	1/2	4,177.97	1/2	4,477.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,207.79	3/4	3,539.29	3/4	3,868.81	3/4	4,184.37	3/4	4,483.55	3/4		3/4		3/4		3/4		3/4	
2	3,214.70	2	3,546.19	2	3,875.56	2	4,190.77	2	4,489.94	2		2		2		2		2	
1/4	3,221.60	1/4	3,553.10	1/4	3,882.29	1/4	4,197.14	1/4	4,496.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,228.51	1/2	3,560.01	1/2	3,889.01	1/2	4,203.51	1/2	4,503.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,235.42	3/4	3,566.91	3/4	3,895.74	3/4	4,209.88	3/4	4,510.25	3/4		3/4		3/4		3/4		3/4	
3	3,242.32	3	3,573.82	3	3,902.46	3	4,216.25	3	4,517.02	3		3		3		3		3	
1/4	3,249.23	1/4	3,580.73	1/4	3,909.16	1/4	4,222.60	1/4	4,523.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,256.13	1/2	3,587.63	1/2	3,915.86	1/2	4,228.95	1/2	4,530.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,263.04	3/4	3,594.54	3/4	3,922.56	3/4	4,235.29	3/4	4,537.34	3/4		3/4		3/4		3/4		3/4	
4	3,269.95	4	3,601.44	4	3,929.26	4	4,241.64	4	4,544.11	4		4		4		4		4	
1/4	3,276.85	1/4	3,608.35	1/4	3,935.94	1/4	4,247.96	1/4	4,550.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,283.76	1/2	3,615.26	1/2	3,942.61	1/2	4,254.27	1/2	4,556.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,290.67	3/4	3,622.16	3/4	3,949.28	3/4	4,260.59	3/4	4,563.39	3/4		3/4		3/4		3/4		3/4	
5	3,297.57	5	3,629.07	5	3,955.96	5	4,266.91	5	4,569.82	5		5		5		5		5	
1/4	3,304.48	1/4	3,635.98	1/4	3,962.61	1/4	4,273.20	1/4	4,575.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,311.38	1/2	3,642.88	1/2	3,969.25	1/2	4,279.50	1/2	4,580.60	1/2		1/2		1/2		1/2		1/2	
3/4	3,318.29	3/4	3,649.79	3/4	3,975.90	3/4	4,285.79	3/4	4,585.99	3/4		3/4		3/4		3/4		3/4	
6	3,325.20	6	3,656.69	6	3,982.55	6	4,292.08	6	4,591.38	6		6		6		6		6	
1/4	3,332.10	1/4	3,663.60	1/4	3,989.17	1/4	4,298.35	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,339.01	1/2	3,670.51	1/2	3,995.79	1/2	4,304.62	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,345.91	3/4	3,677.41	3/4	4,002.41	3/4	4,310.88	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,352.82	7	3,684.32	7	4,009.03	7	4,317.15	7		7		7		7		7		7	
1/4	3,359.73	1/4	3,691.22	1/4	4,015.63	1/4	4,323.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,366.63	1/2	3,698.13	1/2	4,022.22	1/2	4,329.63	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,373.54	3/4	3,705.03	3/4	4,028.82	3/4	4,335.87	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,380.45	8	3,711.93	8	4,035.41	8	4,342.11	8		8		8		8		8		8	
1/4	3,387.35	1/4	3,718.82	1/4	4,041.98	1/4	4,348.33	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,394.26	1/2	3,725.70	1/2	4,048.55	1/2	4,354.54	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,401.16	3/4	3,732.58	3/4	4,055.12	3/4	4,360.75	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,408.07	9	3,739.47	9	4,061.69	9	4,366.97	9		9		9		9		9		9	
1/4	3,414.98	1/4	3,746.32	1/4	4,068.21	1/4	4,373.16	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,421.88	1/2	3,753.18	1/2	4,074.73	1/2	4,379.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,428.79	3/4	3,760.04	3/4	4,081.25	3/4	4,385.53	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,435.70	10	3,766.90	10	4,087.78	10	4,391.72	10		10		10		10		10		10	
1/4	3,442.60	1/4	3,773.73	1/4	4,094.25	1/4	4,397.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,449.51	1/2	3,780.56	1/2	4,100.73	1/2	4,403.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,456.41	3/4	3,787.39	3/4	4,107.21	3/4	4,410.06	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,463.32	11	3,794.22	11	4,113.68	11	4,416.18	11		11		11		11		11		11	
1/4	3,470.23	1/4	3,801.02	1/4	4,120.13	1/4	4,422.22	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,477.13	1/2	3,807.83	1/2	4,126.58	1/2	4,428.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,484.04	3/4	3,814.63	3/4	4,133.03	3/4	4,434.30	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

2 PORT

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 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	13.89	0	388.71	0	776.59	0	1,164.58	0	1,552.89	0	1,941.19	0	2,329.50	0	2,717.76	0	3,105.95	0	3,494.15
1/4	19.29	1/4	396.80	1/4	784.66	1/4	1,172.67	1/4	1,560.98	1/4	1,949.28	1/4	2,337.59	1/4	2,725.84	1/4	3,114.04	1/4	3,502.23
1/2	24.68	1/2	404.88	1/2	792.73	1/2	1,180.76	1/2	1,569.07	1/2	1,957.37	1/2	2,345.68	1/2	2,733.93	1/2	3,122.13	1/2	3,510.32
3/4	30.07	3/4	412.97	3/4	800.79	3/4	1,188.85	3/4	1,577.16	3/4	1,965.46	3/4	2,353.77	3/4	2,742.02	3/4	3,130.21	3/4	3,518.41
1	35.47	1	421.06	1	808.86	1	1,196.94	1	1,585.25	1	1,973.55	1	2,361.86	1	2,750.11	1	3,138.30	1	3,526.50
1/4	42.88	1/4	429.15	1/4	816.93	1/4	1,205.03	1/4	1,593.34	1/4	1,981.64	1/4	2,369.95	1/4	2,758.19	1/4	3,146.39	1/4	3,534.58
1/2	50.30	1/2	437.24	1/2	825.00	1/2	1,213.12	1/2	1,601.43	1/2	1,989.73	1/2	2,378.04	1/2	2,766.28	1/2	3,154.48	1/2	3,542.67
3/4	57.71	3/4	445.33	3/4	833.06	3/4	1,221.21	3/4	1,609.52	3/4	1,997.82	3/4	2,386.13	3/4	2,774.37	3/4	3,162.56	3/4	3,550.76
2	65.13	2	453.42	2	841.13	2	1,229.30	2	1,617.60	2	2,005.91	2	2,394.22	2	2,782.46	2	3,170.65	2	3,558.85
1/4	73.22	1/4	461.51	1/4	849.20	1/4	1,237.39	1/4	1,625.69	1/4	2,014.00	1/4	2,402.31	1/4	2,790.54	1/4	3,178.74	1/4	3,566.93
1/2	81.30	1/2	469.60	1/2	857.26	1/2	1,245.48	1/2	1,633.78	1/2	2,022.09	1/2	2,410.40	1/2	2,798.63	1/2	3,186.83	1/2	3,575.02
3/4	89.39	3/4	477.69	3/4	865.33	3/4	1,253.57	3/4	1,641.87	3/4	2,030.18	3/4	2,418.49	3/4	2,806.72	3/4	3,194.91	3/4	3,583.11
3	97.48	3	485.78	3	873.40	3	1,261.66	3	1,649.96	3	2,038.27	3	2,426.57	3	2,814.81	3	3,203.00	3	3,591.20
1/4	105.57	1/4	493.87	1/4	881.48	1/4	1,269.75	1/4	1,658.05	1/4	2,046.36	1/4	2,434.66	1/4	2,822.89	1/4	3,211.09	1/4	3,599.28
1/2	113.66	1/2	501.96	1/2	889.55	1/2	1,277.84	1/2	1,666.14	1/2	2,054.45	1/2	2,442.75	1/2	2,830.98	1/2	3,219.18	1/2	3,607.37
3/4	121.75	3/4	510.05	3/4	897.63	3/4	1,285.93	3/4	1,674.23	3/4	2,062.54	3/4	2,450.84	3/4	2,839.07	3/4	3,227.26	3/4	3,615.46
4	129.84	4	518.14	4	905.71	4	1,294.02	4	1,682.32	4	2,070.63	4	2,458.93	4	2,847.16	4	3,235.35	4	3,623.55
1/4	137.93	1/4	526.23	1/4	913.80	1/4	1,302.11	1/4	1,690.41	1/4	2,078.72	1/4	2,467.02	1/4	2,855.24	1/4	3,243.44	1/4	3,631.63
1/2	146.02	1/2	534.32	1/2	921.89	1/2	1,310.20	1/2	1,698.50	1/2	2,086.81	1/2	2,475.11	1/2	2,863.33	1/2	3,251.53	1/2	3,639.72
3/4	154.11	3/4	542.41	3/4	929.98	3/4	1,318.29	3/4	1,706.59	3/4	2,094.90	3/4	2,483.20	3/4	2,871.42	3/4	3,259.61	3/4	3,647.81
5	162.20	5	550.50	5	938.07	5	1,326.38	5	1,714.68	5	2,102.99	5	2,491.29	5	2,879.51	5	3,267.70	5	3,655.90
1/4	170.29	1/4	558.59	1/4	946.16	1/4	1,334.47	1/4	1,722.77	1/4	2,111.08	1/4	2,499.38	1/4	2,887.59	1/4	3,275.79	1/4	3,663.98
1/2	178.38	1/2	566.67	1/2	954.25	1/2	1,342.55	1/2	1,730.86	1/2	2,119.17	1/2	2,507.47	1/2	2,895.68	1/2	3,283.88	1/2	3,672.07
3/4	186.47	3/4	574.76	3/4	962.34	3/4	1,350.64	3/4	1,738.95	3/4	2,127.26	3/4	2,515.56	3/4	2,903.77	3/4	3,291.96	3/4	3,680.16
6	194.56	6	582.85	6	970.43	6	1,358.73	6	1,747.04	6	2,135.35	6	2,523.65	6	2,911.85	6	3,300.05	6	3,688.25
1/4	202.65	1/4	590.94	1/4	978.52	1/4	1,366.82	1/4	1,755.13	1/4	2,143.44	1/4	2,531.74	1/4	2,919.94	1/4	3,308.14	1/4	3,696.33
1/2	210.74	1/2	599.03	1/2	986.61	1/2	1,374.91	1/2	1,763.22	1/2	2,151.52	1/2	2,539.83	1/2	2,928.03	1/2	3,316.22	1/2	3,704.42
3/4	218.83	3/4	607.12	3/4	994.70	3/4	1,383.00	3/4	1,771.31	3/4	2,159.61	3/4	2,547.92	3/4	2,936.12	3/4	3,324.31	3/4	3,712.51
7	226.92	7	615.21	7	1,002.79	7	1,391.09	7	1,779.40	7	2,167.70	7	2,556.01	7	2,944.20	7	3,332.40	7	3,720.59
1/4	235.01	1/4	623.29	1/4	1,010.88	1/4	1,399.18	1/4	1,787.49	1/4	2,175.79	1/4	2,564.10	1/4	2,952.29	1/4	3,340.49	1/4	3,728.68
1/2	243.09	1/2	631.37	1/2	1,018.97	1/2	1,407.27	1/2	1,795.58	1/2	2,183.88	1/2	2,572.18	1/2	2,960.38	1/2	3,348.57	1/2	3,736.77
3/4	251.18	3/4	639.44	3/4	1,027.06	3/4	1,415.36	3/4	1,803.67	3/4	2,191.97	3/4	2,580.27	3/4	2,968.47	3/4	3,356.66	3/4	3,744.86
8	259.27	8	647.52	8	1,035.15	8	1,423.45	8	1,811.76	8	2,200.06	8	2,588.36	8	2,976.55	8	3,364.75	8	3,752.94
1/4	267.36	1/4	655.59	1/4	1,043.24	1/4	1,431.54	1/4	1,819.85	1/4	2,208.15	1/4	2,596.45	1/4	2,984.64	1/4	3,372.84	1/4	3,761.03
1/2	275.45	1/2	663.66	1/2	1,051.33	1/2	1,439.63	1/2	1,827.94	1/2	2,216.24	1/2	2,604.53	1/2	2,992.73	1/2	3,380.92	1/2	3,769.12
3/4	283.54	3/4	671.72	3/4	1,059.42	3/4	1,447.72	3/4	1,836.03	3/4	2,224.33	3/4	2,612.62	3/4	3,000.82	3/4	3,389.01	3/4	3,777.21
9	291.63	9	679.79	9	1,067.51	9	1,455.81	9	1,844.12	9	2,232.42	9	2,620.71	9	3,008.90	9	3,397.10	9	3,785.29
1/4	299.72	1/4	687.86	1/4	1,075.59	1/4	1,463.90	1/4	1,852.21	1/4	2,240.51	1/4	2,628.80	1/4	3,016.99	1/4	3,405.19	1/4	3,793.38
1/2	307.81	1/2	695.92	1/2	1,083.68	1/2	1,471.99	1/2	1,860.30	1/2	2,248.60	1/2	2,636.88	1/2	3,025.08	1/2	3,413.27	1/2	3,801.47
3/4	315.90	3/4	703.99	3/4	1,091.77	3/4	1,480.08	3/4	1,868.39	3/4	2,256.69	3/4	2,644.97	3/4	3,033.17	3/4	3,421.36	3/4	3,809.56
10	323.99	10	712.06	10	1,099.86	10	1,488.17	10	1,876.48	10	2,264.78	10	2,653.06	10	3,041.25	10	3,429.45	10	3,817.64
1/4	332.08	1/4	720.12	1/4	1,107.95	1/4	1,496.26	1/4	1,884.56	1/4	2,272.87	1/4	2,661.15	1/4	3,049.34	1/4	3,437.54	1/4	3,825.73
1/2	340.17	1/2	728.19	1/2	1,116.04	1/2	1,504.35	1/2	1,892.65	1/2	2,280.96	1/2	2,669.23	1/2	3,057.43	1/2	3,445.62	1/2	3,833.82
3/4	348.26	3/4	736.26	3/4	1,124.13	3/4	1,512.44	3/4	1,900.74	3/4	2,289.05	3/4	2,677.32	3/4	3,065.52	3/4	3,453.71	3/4	3,841.91
11	356.35	11	744.33	11	1,132.22	11	1,520.53	11	1,908.83	11	2,297.14	11	2,685.41	11	3,073.60	11	3,461.80	11	3,849.99
1/4	364.44	1/4	752.39	1/4	1,140.31	1/4	1,528.62	1/4	1,916.92	1/4	2,305.23	1/4	2,693.49	1/4	3,081.69	1/4	3,469.89	1/4	3,858.08
1/2	372.53	1/2	760.46	1/2	1,148.40	1/2	1,536.71	1/2	1,925.01	1/2	2,313.32	1/2	2,701.58	1/2	3,089.78	1/2	3,477.97	1/2	3,866.17
3/4	380.62	3/4	768.53	3/4	1,156.49	3/4	1,544.80	3/4	1,933.10	3/4	2,321.41	3/4	2,709.67	3/4	3,097.86	3/4	3,486.06	3/4	3,874.26

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 50'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "TMTB 111"

2 PORT

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,882.34	0	4,270.54	0	4,657.54	0	5,030.05	0	5,382.78	0		0		0		0		0	
1/4	3,890.43	1/4	4,278.63	1/4	4,665.48	1/4	5,037.58	1/4	5,389.84	1/4		1/4		1/4		1/4		1/4	
1/2	3,898.52	1/2	4,286.71	1/2	4,673.42	1/2	5,045.10	1/2	5,396.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,906.60	3/4	4,294.80	3/4	4,681.36	3/4	5,052.63	3/4	5,403.97	3/4		3/4		3/4		3/4		3/4	
1	3,914.69	1	4,302.89	1	4,689.29	1	5,060.16	1	5,411.04	1		1		1		1		1	
1/4	3,922.78	1/4	4,310.97	1/4	4,697.20	1/4	5,067.66	1/4	5,418.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,930.87	1/2	4,319.06	1/2	4,705.11	1/2	5,075.16	1/2	5,426.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,938.95	3/4	4,327.15	3/4	4,713.01	3/4	5,082.66	3/4	5,433.54	3/4		3/4		3/4		3/4		3/4	
2	3,947.04	2	4,335.24	2	4,720.92	2	5,090.16	2	5,441.04	2		2		2		2		2	
1/4	3,955.13	1/4	4,343.32	1/4	4,728.80	1/4	5,097.63	1/4	5,449.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,963.22	1/2	4,351.41	1/2	4,736.67	1/2	5,105.09	1/2	5,456.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,971.30	3/4	4,359.50	3/4	4,744.55	3/4	5,112.56	3/4	5,464.90	3/4		3/4		3/4		3/4		3/4	
3	3,979.39	3	4,367.59	3	4,752.43	3	5,120.03	3	5,472.85	3		3		3		3		3	
1/4	3,987.48	1/4	4,375.67	1/4	4,760.27	1/4	5,127.47	1/4	5,480.81	1/4		1/4		1/4		1/4		1/4	
1/2	3,995.57	1/2	4,383.76	1/2	4,768.12	1/2	5,134.90	1/2	5,488.76	1/2		1/2		1/2		1/2		1/2	
3/4	4,003.65	3/4	4,391.85	3/4	4,775.96	3/4	5,142.34	3/4	5,496.71	3/4		3/4		3/4		3/4		3/4	
4	4,011.74	4	4,399.94	4	4,783.81	4	5,149.78	4	5,504.66	4		4		4		4		4	
1/4	4,019.83	1/4	4,408.02	1/4	4,791.62	1/4	5,157.18	1/4	5,512.21	1/4		1/4		1/4		1/4		1/4	
1/2	4,027.92	1/2	4,416.11	1/2	4,799.44	1/2	5,164.59	1/2	5,519.76	1/2		1/2		1/2		1/2		1/2	
3/4	4,036.00	3/4	4,424.20	3/4	4,807.25	3/4	5,172.00	3/4	5,527.31	3/4		3/4		3/4		3/4		3/4	
5	4,044.09	5	4,432.29	5	4,815.07	5	5,179.40	5	5,534.86	5		5		5		5		5	
1/4	4,052.18	1/4	4,440.37	1/4	4,822.85	1/4	5,186.78	1/4	5,541.20	1/4		1/4		1/4		1/4		1/4	
1/2	4,060.27	1/2	4,448.46	1/2	4,830.64	1/2	5,194.16	1/2	5,547.54	1/2		1/2		1/2		1/2		1/2	
3/4	4,068.35	3/4	4,456.55	3/4	4,838.42	3/4	5,201.53	3/4	5,553.87	3/4		3/4		3/4		3/4		3/4	
6	4,076.44	6	4,464.64	6	4,846.20	6	5,208.91	6	5,560.21	6		6		6		6		6	
1/4	4,084.53	1/4	4,472.72	1/4	4,853.96	1/4	5,216.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,092.62	1/2	4,480.81	1/2	4,861.71	1/2	5,223.60	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,100.70	3/4	4,488.90	3/4	4,869.47	3/4	5,230.94	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,108.79	7	4,496.99	7	4,877.22	7	5,238.29	7		7		7		7		7		7	
1/4	4,116.88	1/4	4,505.07	1/4	4,884.94	1/4	5,245.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,124.96	1/2	4,513.15	1/2	4,892.66	1/2	5,252.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,133.05	3/4	4,521.23	3/4	4,900.39	3/4	5,260.23	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,141.14	8	4,529.31	8	4,908.11	8	5,267.55	8		8		8		8		8		8	
1/4	4,149.23	1/4	4,537.37	1/4	4,915.80	1/4	5,274.83	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,157.31	1/2	4,545.43	1/2	4,923.49	1/2	5,282.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,165.40	3/4	4,553.49	3/4	4,931.19	3/4	5,289.40	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,173.49	9	4,561.55	9	4,938.88	9	5,296.68	9		9		9		9		9		9	
1/4	4,181.58	1/4	4,569.58	1/4	4,946.52	1/4	5,303.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,189.66	1/2	4,577.61	1/2	4,954.16	1/2	5,311.19	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,197.75	3/4	4,585.64	3/4	4,961.80	3/4	5,318.44	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,205.84	10	4,593.67	10	4,969.44	10	5,325.69	10		10		10		10		10		10	
1/4	4,213.93	1/4	4,601.67	1/4	4,977.03	1/4	5,332.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,222.01	1/2	4,609.67	1/2	4,984.62	1/2	5,340.04	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,230.10	3/4	4,617.67	3/4	4,992.22	3/4	5,347.22	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,238.19	11	4,625.67	11	4,999.81	11	5,354.39	11		11		11		11		11		11	
1/4	4,246.28	1/4	4,633.64	1/4	5,007.37	1/4	5,361.49	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,254.36	1/2	4,641.61	1/2	5,014.93	1/2	5,368.58	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,262.45	3/4	4,649.57	3/4	5,022.49	3/4	5,375.68	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

2 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.87	0	388.01	0	769.60	0	1,147.55	0	1,535.17	0	1,922.79	0	2,310.41	0	2,697.98	0	3,085.48	0	3,472.98
1/4	19.25	1/4	396.09	1/4	777.34	1/4	1,155.62	1/4	1,543.24	1/4	1,930.86	1/4	2,318.48	1/4	2,706.05	1/4	3,093.55	1/4	3,481.06
1/2	24.63	1/2	404.16	1/2	785.09	1/2	1,163.70	1/2	1,551.32	1/2	1,938.94	1/2	2,326.56	1/2	2,714.12	1/2	3,101.63	1/2	3,489.13
3/4	30.02	3/4	412.24	3/4	792.83	3/4	1,171.77	3/4	1,559.39	3/4	1,947.01	3/4	2,334.63	3/4	2,722.20	3/4	3,109.70	3/4	3,497.20
1	35.40	1	420.31	1	800.57	1	1,179.85	1	1,567.47	1	1,955.09	1	2,342.71	1	2,730.27	1	3,117.77	1	3,505.28
1/4	42.80	1/4	428.39	1/4	808.31	1/4	1,187.92	1/4	1,575.54	1/4	1,963.16	1/4	2,350.78	1/4	2,738.34	1/4	3,125.85	1/4	3,513.35
1/2	50.21	1/2	436.46	1/2	816.05	1/2	1,196.00	1/2	1,583.62	1/2	1,971.24	1/2	2,358.86	1/2	2,746.41	1/2	3,133.92	1/2	3,521.42
3/4	57.61	3/4	444.54	3/4	823.79	3/4	1,204.08	3/4	1,591.69	3/4	1,979.31	3/4	2,366.93	3/4	2,754.49	3/4	3,141.99	3/4	3,529.50
2	65.01	2	452.61	2	831.53	2	1,212.15	2	1,599.77	2	1,987.39	2	2,375.01	2	2,762.56	2	3,150.06	2	3,537.57
1/4	73.09	1/4	460.69	1/4	839.27	1/4	1,220.23	1/4	1,607.85	1/4	1,995.46	1/4	2,383.08	1/4	2,770.63	1/4	3,158.14	1/4	3,545.64
1/2	81.16	1/2	468.76	1/2	847.01	1/2	1,228.30	1/2	1,615.92	1/2	2,003.54	1/2	2,391.16	1/2	2,778.71	1/2	3,166.21	1/2	3,553.71
3/4	89.24	3/4	476.84	3/4	854.75	3/4	1,236.38	3/4	1,624.00	3/4	2,011.62	3/4	2,399.23	3/4	2,786.78	3/4	3,174.28	3/4	3,561.79
3	97.31	3	484.91	3	862.49	3	1,244.45	3	1,632.07	3	2,019.69	3	2,407.31	3	2,794.85	3	3,182.36	3	3,569.86
1/4	105.39	1/4	492.99	1/4	870.25	1/4	1,252.53	1/4	1,640.15	1/4	2,027.77	1/4	2,415.39	1/4	2,802.93	1/4	3,190.43	1/4	3,577.93
1/2	113.46	1/2	501.06	1/2	878.00	1/2	1,260.60	1/2	1,648.22	1/2	2,035.84	1/2	2,423.46	1/2	2,811.00	1/2	3,198.50	1/2	3,586.01
3/4	121.54	3/4	509.14	3/4	885.75	3/4	1,268.68	3/4	1,656.30	3/4	2,043.92	3/4	2,431.54	3/4	2,819.07	3/4	3,206.58	3/4	3,594.08
4	129.61	4	517.21	4	893.50	4	1,276.75	4	1,664.37	4	2,051.99	4	2,439.61	4	2,827.14	4	3,214.65	4	3,602.15
1/4	137.69	1/4	525.29	1/4	901.27	1/4	1,284.83	1/4	1,672.45	1/4	2,060.07	1/4	2,447.69	1/4	2,835.22	1/4	3,222.72	1/4	3,610.23
1/2	145.76	1/2	533.36	1/2	909.03	1/2	1,292.90	1/2	1,680.52	1/2	2,068.14	1/2	2,455.76	1/2	2,843.29	1/2	3,230.79	1/2	3,618.30
3/4	153.84	3/4	541.44	3/4	916.79	3/4	1,300.98	3/4	1,688.60	3/4	2,076.22	3/4	2,463.84	3/4	2,851.36	3/4	3,238.87	3/4	3,626.37
5	161.91	5	549.51	5	924.56	5	1,309.06	5	1,696.67	5	2,084.29	5	2,471.91	5	2,859.44	5	3,246.94	5	3,634.44
1/4	169.99	1/4	557.59	1/4	932.32	1/4	1,317.13	1/4	1,704.75	1/4	2,092.37	1/4	2,479.99	1/4	2,867.51	1/4	3,255.01	1/4	3,642.52
1/2	178.06	1/2	565.66	1/2	940.08	1/2	1,325.21	1/2	1,712.83	1/2	2,100.44	1/2	2,488.06	1/2	2,875.58	1/2	3,263.09	1/2	3,650.59
3/4	186.14	3/4	573.74	3/4	947.85	3/4	1,333.28	3/4	1,720.90	3/4	2,108.52	3/4	2,496.14	3/4	2,883.66	3/4	3,271.16	3/4	3,658.66
6	194.21	6	581.81	6	955.61	6	1,341.36	6	1,728.98	6	2,116.60	6	2,504.21	6	2,891.73	6	3,279.23	6	3,666.74
1/4	202.29	1/4	589.89	1/4	963.37	1/4	1,349.43	1/4	1,737.05	1/4	2,124.67	1/4	2,512.29	1/4	2,899.80	1/4	3,287.31	1/4	3,674.81
1/2	210.36	1/2	597.96	1/2	971.14	1/2	1,357.51	1/2	1,745.13	1/2	2,132.75	1/2	2,520.37	1/2	2,907.87	1/2	3,295.38	1/2	3,682.88
3/4	218.44	3/4	606.04	3/4	978.90	3/4	1,365.58	3/4	1,753.20	3/4	2,140.82	3/4	2,528.44	3/4	2,915.95	3/4	3,303.45	3/4	3,690.96
7	226.51	7	614.11	7	986.66	7	1,373.66	7	1,761.28	7	2,148.90	7	2,536.52	7	2,924.02	7	3,311.52	7	3,699.03
1/4	234.59	1/4	622.02	1/4	994.58	1/4	1,381.73	1/4	1,769.35	1/4	2,156.97	1/4	2,544.59	1/4	2,932.09	1/4	3,319.60	1/4	3,707.10
1/2	242.66	1/2	629.93	1/2	1,002.50	1/2	1,389.81	1/2	1,777.43	1/2	2,165.05	1/2	2,552.66	1/2	2,940.17	1/2	3,327.67	1/2	3,715.17
3/4	250.74	3/4	637.84	3/4	1,010.42	3/4	1,397.88	3/4	1,785.50	3/4	2,173.12	3/4	2,560.74	3/4	2,948.24	3/4	3,335.74	3/4	3,723.25
8	258.81	8	645.75	8	1,018.34	8	1,405.96	8	1,793.58	8	2,181.20	8	2,568.81	8	2,956.31	8	3,343.82	8	3,731.32
1/4	266.89	1/4	653.49	1/4	1,026.42	1/4	1,414.04	1/4	1,801.65	1/4	2,189.27	1/4	2,576.88	1/4	2,964.39	1/4	3,351.89	1/4	3,739.39
1/2	274.96	1/2	661.23	1/2	1,034.49	1/2	1,422.11	1/2	1,809.73	1/2	2,197.35	1/2	2,584.95	1/2	2,972.46	1/2	3,359.96	1/2	3,747.47
3/4	283.04	3/4	668.97	3/4	1,042.57	3/4	1,430.19	3/4	1,817.81	3/4	2,205.42	3/4	2,593.03	3/4	2,980.53	3/4	3,368.04	3/4	3,755.54
9	291.11	9	676.71	9	1,050.64	9	1,438.26	9	1,825.88	9	2,213.50	9	2,601.10	9	2,988.60	9	3,376.11	9	3,763.61
1/4	299.19	1/4	684.45	1/4	1,058.72	1/4	1,446.34	1/4	1,833.96	1/4	2,221.58	1/4	2,609.17	1/4	2,996.68	1/4	3,384.18	1/4	3,771.69
1/2	307.26	1/2	692.19	1/2	1,066.79	1/2	1,454.41	1/2	1,842.03	1/2	2,229.65	1/2	2,617.25	1/2	3,004.75	1/2	3,392.25	1/2	3,779.76
3/4	315.34	3/4	699.94	3/4	1,074.87	3/4	1,462.49	3/4	1,850.11	3/4	2,237.73	3/4	2,625.32	3/4	3,012.82	3/4	3,400.33	3/4	3,787.83
10	323.41	10	707.68	10	1,082.94	10	1,470.56	10	1,858.18	10	2,245.80	10	2,633.39	10	3,020.90	10	3,408.40	10	3,795.90
1/4	331.49	1/4	715.42	1/4	1,091.02	1/4	1,478.64	1/4	1,866.26	1/4	2,253.88	1/4	2,641.47	1/4	3,028.97	1/4	3,416.47	1/4	3,803.98
1/2	339.56	1/2	723.16	1/2	1,099.10	1/2	1,486.71	1/2	1,874.33	1/2	2,261.95	1/2	2,649.54	1/2	3,037.04	1/2	3,424.55	1/2	3,812.05
3/4	347.64	3/4	730.90	3/4	1,107.17	3/4	1,494.79	3/4	1,882.41	3/4	2,270.03	3/4	2,657.61	3/4	3,045.12	3/4	3,432.62	3/4	3,820.12
11	355.71	11	738.64	11	1,115.25	11	1,502.87	11	1,890.48	11	2,278.10	11	2,665.68	11	3,053.19	11	3,440.69	11	3,828.20
1/4	363.79	1/4	746.38	1/4	1,123.32	1/4	1,510.94	1/4	1,898.56	1/4	2,286.18	1/4	2,673.76	1/4	3,061.26	1/4	3,448.77	1/4	3,836.27
1/2	371.86	1/2	754.12	1/2	1,131.40	1/2	1,519.02	1/2	1,906.63	1/2	2,294.25	1/2	2,681.83	1/2	3,069.33	1/2	3,456.84	1/2	3,844.34
3/4	379.94	3/4	761.86	3/4	1,139.47	3/4	1,527.09	3/4	1,914.71	3/4	2,302.33	3/4	2,689.90	3/4	3,077.41	3/4	3,464.91	3/4	3,852.42

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 50'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "TMTB 111"

2 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,860.49	0	4,247.99	0	4,634.31	0	5,006.18	0	5,358.34	0		0		0		0		0	
1/4	3,868.56	1/4	4,256.07	1/4	4,642.24	1/4	5,013.70	1/4	5,365.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,876.63	1/2	4,264.14	1/2	4,650.16	1/2	5,021.22	1/2	5,372.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,884.71	3/4	4,272.21	3/4	4,658.09	3/4	5,028.73	3/4	5,379.51	3/4		3/4		3/4		3/4		3/4	
1	3,892.78	1	4,280.28	1	4,666.01	1	5,036.25	1	5,386.56	1		1		1		1		1	
1/4	3,900.85	1/4	4,288.36	1/4	4,673.90	1/4	5,043.74	1/4	5,394.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,908.93	1/2	4,296.43	1/2	4,681.80	1/2	5,051.22	1/2	5,401.54	1/2		1/2		1/2		1/2		1/2	
3/4	3,917.00	3/4	4,304.50	3/4	4,689.69	3/4	5,058.71	3/4	5,409.03	3/4		3/4		3/4		3/4		3/4	
2	3,925.07	2	4,312.58	2	4,697.58	2	5,066.19	2	5,416.52	2		2		2		2		2	
1/4	3,933.15	1/4	4,320.65	1/4	4,705.45	1/4	5,073.65	1/4	5,424.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,941.22	1/2	4,328.72	1/2	4,713.31	1/2	5,081.11	1/2	5,432.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,949.29	3/4	4,336.80	3/4	4,721.17	3/4	5,088.56	3/4	5,440.33	3/4		3/4		3/4		3/4		3/4	
3	3,957.36	3	4,344.87	3	4,729.03	3	5,096.02	3	5,448.27	3		3		3		3		3	
1/4	3,965.44	1/4	4,352.94	1/4	4,736.87	1/4	5,103.44	1/4	5,456.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,973.51	1/2	4,361.01	1/2	4,744.70	1/2	5,110.87	1/2	5,464.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,981.58	3/4	4,369.09	3/4	4,752.53	3/4	5,118.29	3/4	5,472.09	3/4		3/4		3/4		3/4		3/4	
4	3,989.66	4	4,377.16	4	4,760.36	4	5,125.72	4	5,480.02	4		4		4		4		4	
1/4	3,997.73	1/4	4,385.23	1/4	4,768.16	1/4	5,133.11	1/4	5,487.56	1/4		1/4		1/4		1/4		1/4	
1/2	4,005.80	1/2	4,393.31	1/2	4,775.96	1/2	5,140.51	1/2	5,495.10	1/2		1/2		1/2		1/2		1/2	
3/4	4,013.88	3/4	4,401.38	3/4	4,783.77	3/4	5,147.90	3/4	5,502.63	3/4		3/4		3/4		3/4		3/4	
5	4,021.95	5	4,409.45	5	4,791.57	5	5,155.30	5	5,510.17	5		5		5		5		5	
1/4	4,030.02	1/4	4,417.53	1/4	4,799.34	1/4	5,162.66	1/4	5,516.49	1/4		1/4		1/4		1/4		1/4	
1/2	4,038.09	1/2	4,425.60	1/2	4,807.11	1/2	5,170.02	1/2	5,522.82	1/2		1/2		1/2		1/2		1/2	
3/4	4,046.17	3/4	4,433.67	3/4	4,814.88	3/4	5,177.39	3/4	5,529.15	3/4		3/4		3/4		3/4		3/4	
6	4,054.24	6	4,441.74	6	4,822.65	6	5,184.75	6	5,535.47	6		6		6		6		6	
1/4	4,062.31	1/4	4,449.82	1/4	4,830.39	1/4	5,192.08	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,070.39	1/2	4,457.89	1/2	4,838.13	1/2	5,199.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,078.46	3/4	4,465.96	3/4	4,845.87	3/4	5,206.75	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,086.53	7	4,474.04	7	4,853.61	7	5,214.08	7		7		7		7		7		7	
1/4	4,094.61	1/4	4,482.10	1/4	4,861.32	1/4	5,221.39	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,102.68	1/2	4,490.17	1/2	4,869.03	1/2	5,228.69	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,110.75	3/4	4,498.24	3/4	4,876.74	3/4	5,235.99	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,118.82	8	4,506.31	8	4,884.45	8	5,243.29	8		8		8		8		8		8	
1/4	4,126.90	1/4	4,514.36	1/4	4,892.13	1/4	5,250.57	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,134.97	1/2	4,522.40	1/2	4,899.81	1/2	5,257.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,143.04	3/4	4,530.45	3/4	4,907.49	3/4	5,265.11	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,151.12	9	4,538.49	9	4,915.17	9	5,272.38	9		9		9		9		9		9	
1/4	4,159.19	1/4	4,546.51	1/4	4,922.79	1/4	5,279.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,167.26	1/2	4,554.53	1/2	4,930.42	1/2	5,286.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,175.34	3/4	4,562.54	3/4	4,938.05	3/4	5,294.11	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,183.41	10	4,570.56	10	4,945.68	10	5,301.35	10		10		10		10		10		10	
1/4	4,191.48	1/4	4,578.54	1/4	4,953.26	1/4	5,308.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,199.55	1/2	4,586.53	1/2	4,960.84	1/2	5,315.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,207.63	3/4	4,594.51	3/4	4,968.41	3/4	5,322.84	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,215.70	11	4,602.50	11	4,975.99	11	5,330.00	11		11		11		11		11		11	
1/4	4,223.77	1/4	4,610.45	1/4	4,983.54	1/4	5,337.09	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,231.85	1/2	4,618.41	1/2	4,991.09	1/2	5,344.17	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,239.92	3/4	4,626.36	3/4	4,998.63	3/4	5,351.26	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

3 PORT

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

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	361.81	0	722.82	0	1,083.29	0	1,444.26	0	1,805.26	0	2,166.25	0	2,526.97	0	2,887.62	0	3,248.27
1/4	17.98	1/4	369.34	1/4	730.32	1/4	1,090.79	1/4	1,451.79	1/4	1,812.78	1/4	2,173.77	1/4	2,534.49	1/4	2,895.14	1/4	3,255.78
1/2	23.00	1/2	376.87	1/2	737.83	1/2	1,098.29	1/2	1,459.31	1/2	1,820.30	1/2	2,181.29	1/2	2,542.00	1/2	2,902.65	1/2	3,263.30
3/4	28.02	3/4	384.40	3/4	745.34	3/4	1,105.80	3/4	1,466.83	3/4	1,827.82	3/4	2,188.81	3/4	2,549.51	3/4	2,910.16	3/4	3,270.81
1	33.04	1	391.93	1	752.84	1	1,113.30	1	1,474.35	1	1,835.34	1	2,196.33	1	2,557.03	1	2,917.68	1	3,278.32
1/4	39.94	1/4	399.46	1/4	760.35	1/4	1,120.80	1/4	1,481.87	1/4	1,842.86	1/4	2,203.86	1/4	2,564.54	1/4	2,925.19	1/4	3,285.84
1/2	46.84	1/2	406.99	1/2	767.86	1/2	1,128.30	1/2	1,489.39	1/2	1,850.38	1/2	2,211.38	1/2	2,572.05	1/2	2,932.70	1/2	3,293.35
3/4	53.74	3/4	414.52	3/4	775.36	3/4	1,135.80	3/4	1,496.91	3/4	1,857.90	3/4	2,218.90	3/4	2,579.57	3/4	2,940.22	3/4	3,300.86
2	60.64	2	422.05	2	782.87	2	1,143.30	2	1,504.43	2	1,865.42	2	2,226.42	2	2,587.08	2	2,947.73	2	3,308.38
1/4	68.17	1/4	429.58	1/4	790.38	1/4	1,150.82	1/4	1,511.95	1/4	1,872.94	1/4	2,233.94	1/4	2,594.60	1/4	2,955.24	1/4	3,315.89
1/2	75.70	1/2	437.11	1/2	797.88	1/2	1,158.33	1/2	1,519.47	1/2	1,880.47	1/2	2,241.45	1/2	2,602.11	1/2	2,962.76	1/2	3,323.40
3/4	83.23	3/4	444.64	3/4	805.39	3/4	1,165.84	3/4	1,526.99	3/4	1,887.99	3/4	2,248.97	3/4	2,609.62	3/4	2,970.27	3/4	3,330.92
3	90.76	3	452.17	3	812.90	3	1,173.36	3	1,534.51	3	1,895.51	3	2,256.49	3	2,617.14	3	2,977.78	3	3,338.43
1/4	98.29	1/4	459.70	1/4	820.42	1/4	1,180.89	1/4	1,542.03	1/4	1,903.03	1/4	2,264.00	1/4	2,624.65	1/4	2,985.30	1/4	3,345.95
1/2	105.82	1/2	467.22	1/2	827.93	1/2	1,188.42	1/2	1,549.55	1/2	1,910.55	1/2	2,271.51	1/2	2,632.16	1/2	2,992.81	1/2	3,353.46
3/4	113.35	3/4	474.75	3/4	835.45	3/4	1,195.94	3/4	1,557.08	3/4	1,918.07	3/4	2,279.03	3/4	2,639.68	3/4	3,000.32	3/4	3,360.97
4	120.88	4	482.28	4	842.97	4	1,203.47	4	1,564.60	4	1,925.59	4	2,286.54	4	2,647.19	4	3,007.84	4	3,368.49
1/4	128.41	1/4	489.81	1/4	850.50	1/4	1,211.00	1/4	1,572.12	1/4	1,933.11	1/4	2,294.06	1/4	2,654.70	1/4	3,015.35	1/4	3,376.01
1/2	135.94	1/2	497.34	1/2	858.03	1/2	1,218.53	1/2	1,579.64	1/2	1,940.63	1/2	2,301.57	1/2	2,662.22	1/2	3,022.86	1/2	3,383.53
3/4	143.47	3/4	504.87	3/4	865.56	3/4	1,226.06	3/4	1,587.16	3/4	1,948.15	3/4	2,309.08	3/4	2,669.73	3/4	3,030.38	3/4	3,391.05
5	151.00	5	512.40	5	873.09	5	1,233.58	5	1,594.68	5	1,955.67	5	2,316.60	5	2,677.24	5	3,037.89	5	3,398.57
1/4	158.53	1/4	519.93	1/4	880.62	1/4	1,241.11	1/4	1,602.20	1/4	1,963.19	1/4	2,324.11	1/4	2,684.76	1/4	3,045.41	1/4	3,406.10
1/2	166.05	1/2	527.46	1/2	888.15	1/2	1,248.64	1/2	1,609.72	1/2	1,970.71	1/2	2,331.62	1/2	2,692.27	1/2	3,052.92	1/2	3,413.63
3/4	173.58	3/4	534.99	3/4	895.68	3/4	1,256.17	3/4	1,617.24	3/4	1,978.23	3/4	2,339.14	3/4	2,699.78	3/4	3,060.43	3/4	3,421.16
6	181.11	6	542.52	6	903.20	6	1,263.70	6	1,624.76	6	1,985.76	6	2,346.65	6	2,707.30	6	3,067.95	6	3,428.69
1/4	188.64	1/4	550.05	1/4	910.72	1/4	1,271.22	1/4	1,632.28	1/4	1,993.28	1/4	2,354.16	1/4	2,714.81	1/4	3,075.46	1/4	3,436.21
1/2	196.17	1/2	557.58	1/2	918.24	1/2	1,278.75	1/2	1,639.80	1/2	2,000.80	1/2	2,361.68	1/2	2,722.32	1/2	3,082.97	1/2	3,443.74
3/4	203.70	3/4	565.11	3/4	925.75	3/4	1,286.28	3/4	1,647.32	3/4	2,008.32	3/4	2,369.19	3/4	2,729.84	3/4	3,090.49	3/4	3,451.27
7	211.23	7	572.64	7	933.27	7	1,293.81	7	1,654.84	7	2,015.84	7	2,376.70	7	2,737.35	7	3,098.00	7	3,458.80
1/4	218.76	1/4	580.15	1/4	940.77	1/4	1,301.34	1/4	1,662.37	1/4	2,023.36	1/4	2,384.22	1/4	2,744.87	1/4	3,105.51	1/4	3,466.33
1/2	226.29	1/2	587.67	1/2	948.27	1/2	1,308.86	1/2	1,669.89	1/2	2,030.88	1/2	2,391.73	1/2	2,752.38	1/2	3,113.03	1/2	3,473.86
3/4	233.82	3/4	595.19	3/4	955.77	3/4	1,316.39	3/4	1,677.41	3/4	2,038.40	3/4	2,399.24	3/4	2,759.89	3/4	3,120.54	3/4	3,481.39
8	241.35	8	602.71	8	963.27	8	1,323.92	8	1,684.93	8	2,045.92	8	2,406.76	8	2,767.41	8	3,128.05	8	3,488.92
1/4	248.88	1/4	610.21	1/4	970.77	1/4	1,331.44	1/4	1,692.45	1/4	2,053.44	1/4	2,414.27	1/4	2,774.92	1/4	3,135.57	1/4	3,496.45
1/2	256.41	1/2	617.72	1/2	978.27	1/2	1,338.97	1/2	1,699.97	1/2	2,060.96	1/2	2,421.78	1/2	2,782.43	1/2	3,143.08	1/2	3,503.98
3/4	263.94	3/4	625.23	3/4	985.77	3/4	1,346.49	3/4	1,707.49	3/4	2,068.48	3/4	2,429.30	3/4	2,789.95	3/4	3,150.59	3/4	3,511.51
9	271.46	9	632.73	9	993.28	9	1,354.02	9	1,715.01	9	2,076.00	9	2,436.81	9	2,797.46	9	3,158.11	9	3,519.04
1/4	278.99	1/4	640.24	1/4	1,000.78	1/4	1,361.54	1/4	1,722.53	1/4	2,083.52	1/4	2,444.33	1/4	2,804.97	1/4	3,165.62	1/4	3,526.57
1/2	286.52	1/2	647.75	1/2	1,008.28	1/2	1,369.06	1/2	1,730.05	1/2	2,091.04	1/2	2,451.84	1/2	2,812.49	1/2	3,173.13	1/2	3,534.10
3/4	294.05	3/4	655.25	3/4	1,015.78	3/4	1,376.58	3/4	1,737.57	3/4	2,098.57	3/4	2,459.35	3/4	2,820.00	3/4	3,180.65	3/4	3,541.63
10	301.58	10	662.76	10	1,023.28	10	1,384.10	10	1,745.09	10	2,106.09	10	2,466.87	10	2,827.51	10	3,188.16	10	3,549.16
1/4	308.13	1/4	670.27	1/4	1,030.78	1/4	1,391.62	1/4	1,752.61	1/4	2,113.61	1/4	2,474.38	1/4	2,835.03	1/4	3,195.68	1/4	3,556.69
1/2	314.67	1/2	677.77	1/2	1,038.28	1/2	1,399.14	1/2	1,760.13	1/2	2,121.13	1/2	2,481.89	1/2	2,842.54	1/2	3,203.19	1/2	3,564.22
3/4	323.18	3/4	685.28	3/4	1,045.79	3/4	1,406.66	3/4	1,767.65	3/4	2,128.65	3/4	2,489.41	3/4	2,850.05	3/4	3,210.70	3/4	3,571.75
11	331.70	11	692.79	11	1,053.29	11	1,414.18	11	1,775.18	11	2,136.17	11	2,496.92	11	2,857.57	11	3,218.22	11	3,579.28
1/4	339.23	1/4	700.30	1/4	1,060.79	1/4	1,421.70	1/4	1,782.70	1/4	2,143.69	1/4	2,504.43	1/4	2,865.08	1/4	3,225.73	1/4	3,586.80
1/2	346.76	1/2	707.80	1/2	1,068.29	1/2	1,429.22	1/2	1,790.22	1/2	2,151.21	1/2	2,511.95	1/2	2,872.59	1/2	3,233.24	1/2	3,594.33
3/4	354.29	3/4	715.31	3/4	1,075.79	3/4	1,436.74	3/4	1,797.74	3/4	2,158.73	3/4	2,519.46	3/4	2,880.11	3/4	3,240.76	3/4	3,601.86

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "TMTB 111"

3 PORT

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

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	3,609.39	0	3,880.18	0	4,146.20	0	4,401.87	0	4,642.53	0		0		0		0		0	
1/4	3,616.92	1/4	3,885.73	1/4	4,151.65	1/4	4,407.00	1/4	4,647.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,624.45	1/2	3,891.29	1/2	4,157.11	1/2	4,412.14	1/2	4,652.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,630.01	3/4	3,896.85	3/4	4,162.56	3/4	4,417.28	3/4	4,657.00	3/4		3/4		3/4		3/4		3/4	
1	3,635.57	1	3,902.41	1	4,168.02	1	4,422.42	1	4,661.82	1		1		1		1		1	
1/4	3,641.13	1/4	3,907.97	1/4	4,173.46	1/4	4,427.53	1/4	4,666.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,646.69	1/2	3,913.53	1/2	4,178.89	1/2	4,432.65	1/2	4,672.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,652.25	3/4	3,919.09	3/4	4,184.33	3/4	4,437.77	3/4	4,677.19	3/4		3/4		3/4		3/4		3/4	
2	3,657.81	2	3,924.65	2	4,189.76	2	4,442.88	2	4,682.31	2		2		2		2		2	
1/4	3,663.37	1/4	3,930.21	1/4	4,195.17	1/4	4,447.98	1/4	4,687.74	1/4		1/4		1/4		1/4		1/4	
1/2	3,668.93	1/2	3,935.77	1/2	4,200.59	1/2	4,453.07	1/2	4,693.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,674.48	3/4	3,941.33	3/4	4,206.00	3/4	4,458.17	3/4	4,698.61	3/4		3/4		3/4		3/4		3/4	
3	3,680.04	3	3,946.89	3	4,211.42	3	4,463.26	3	4,704.04	3		3		3		3		3	
1/4	3,685.60	1/4	3,952.44	1/4	4,216.81	1/4	4,468.34	1/4	4,709.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,691.16	1/2	3,958.00	1/2	4,222.20	1/2	4,473.41	1/2	4,714.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,696.72	3/4	3,963.56	3/4	4,227.60	3/4	4,478.49	3/4	4,720.34	3/4		3/4		3/4		3/4		3/4	
4	3,702.28	4	3,969.12	4	4,232.99	4	4,483.56	4	4,725.77	4		4		4		4		4	
1/4	3,707.84	1/4	3,974.68	1/4	4,238.36	1/4	4,488.61	1/4	4,730.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,713.40	1/2	3,980.24	1/2	4,243.73	1/2	4,493.67	1/2	4,735.88	1/2		1/2		1/2		1/2		1/2	
3/4	3,718.96	3/4	3,985.80	3/4	4,249.10	3/4	4,498.72	3/4	4,740.94	3/4		3/4		3/4		3/4		3/4	
5	3,724.52	5	3,991.36	5	4,254.47	5	4,503.77	5	4,746.00	5		5		5		5		5	
1/4	3,730.08	1/4	3,996.92	1/4	4,259.83	1/4	4,508.80	1/4	4,749.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,735.64	1/2	4,002.48	1/2	4,265.18	1/2	4,513.84	1/2	4,753.85	1/2		1/2		1/2		1/2		1/2	
3/4	3,741.20	3/4	4,008.04	3/4	4,270.53	3/4	4,518.87	3/4	4,757.78	3/4		3/4		3/4		3/4		3/4	
6	3,746.75	6	4,013.60	6	4,275.88	6	4,523.90	6	4,761.70	6		6		6		6		6	
1/4	3,752.31	1/4	4,019.16	1/4	4,281.21	1/4	4,528.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,757.87	1/2	4,024.71	1/2	4,286.54	1/2	4,533.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,763.43	3/4	4,030.27	3/4	4,291.87	3/4	4,538.93	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,768.99	7	4,035.83	7	4,297.20	7	4,543.94	7		7		7		7		7		7	
1/4	3,774.55	1/4	4,041.39	1/4	4,302.50	1/4	4,548.93	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,780.11	1/2	4,046.94	1/2	4,307.81	1/2	4,553.92	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,785.67	3/4	4,052.50	3/4	4,313.12	3/4	4,558.91	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,791.23	8	4,058.05	8	4,318.43	8	4,563.90	8		8		8		8		8		8	
1/4	3,796.79	1/4	4,063.59	1/4	4,323.72	1/4	4,568.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,802.35	1/2	4,069.13	1/2	4,329.00	1/2	4,573.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,807.91	3/4	4,074.67	3/4	4,334.29	3/4	4,578.81	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,813.46	9	4,080.21	9	4,339.58	9	4,583.78	9		9		9		9		9		9	
1/4	3,819.02	1/4	4,085.73	1/4	4,344.81	1/4	4,588.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,824.58	1/2	4,091.25	1/2	4,350.05	1/2	4,593.67	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,830.14	3/4	4,096.77	3/4	4,355.28	3/4	4,598.62	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,835.70	10	4,102.29	10	4,360.51	10	4,603.57	10		10		10		10		10		10	
1/4	3,841.26	1/4	4,107.79	1/4	4,365.69	1/4	4,608.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,846.82	1/2	4,113.29	1/2	4,370.87	1/2	4,613.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,852.38	3/4	4,118.79	3/4	4,376.05	3/4	4,618.25	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,857.94	11	4,124.29	11	4,381.23	11	4,623.15	11		11		11		11		11		11	
1/4	3,863.50	1/4	4,129.76	1/4	4,386.39	1/4	4,627.99	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,869.06	1/2	4,135.24	1/2	4,391.55	1/2	4,632.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,874.62	3/4	4,140.72	3/4	4,396.71	3/4	4,637.68	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

3 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.94	0	361.04	0	715.80	0	1,067.28	0	1,427.54	0	1,787.78	0	2,144.77	0	2,504.34	0	2,864.18	0	3,224.08
1/4	17.96	1/4	368.55	1/4	723.00	1/4	1,074.79	1/4	1,435.04	1/4	1,795.29	1/4	2,152.19	1/4	2,511.83	1/4	2,871.68	1/4	3,231.58
1/2	22.97	1/2	376.06	1/2	730.19	1/2	1,082.30	1/2	1,442.55	1/2	1,802.79	1/2	2,159.62	1/2	2,519.33	1/2	2,879.18	1/2	3,239.07
3/4	27.98	3/4	383.57	3/4	737.39	3/4	1,089.80	3/4	1,450.05	3/4	1,810.30	3/4	2,167.05	3/4	2,526.83	3/4	2,886.68	3/4	3,246.57
1	33.00	1	391.07	1	744.58	1	1,097.31	1	1,457.56	1	1,817.80	1	2,174.48	1	2,534.32	1	2,894.18	1	3,254.07
1/4	39.89	1/4	398.58	1/4	751.78	1/4	1,104.81	1/4	1,465.06	1/4	1,825.27	1/4	2,181.94	1/4	2,541.82	1/4	2,901.67	1/4	3,261.57
1/2	46.78	1/2	406.09	1/2	758.97	1/2	1,112.32	1/2	1,472.57	1/2	1,832.73	1/2	2,189.41	1/2	2,549.31	1/2	2,909.17	1/2	3,269.07
3/4	53.68	3/4	413.60	3/4	766.17	3/4	1,119.82	3/4	1,480.07	3/4	1,840.20	3/4	2,196.88	3/4	2,556.81	3/4	2,916.67	3/4	3,276.56
2	60.57	2	421.11	2	773.36	2	1,127.33	2	1,487.58	2	1,847.67	2	2,204.35	2	2,564.30	2	2,924.17	2	3,284.06
1/4	68.09	1/4	428.62	1/4	780.56	1/4	1,134.83	1/4	1,495.08	1/4	1,855.09	1/4	2,211.85	1/4	2,571.80	1/4	2,931.66	1/4	3,291.56
1/2	75.61	1/2	436.13	1/2	787.75	1/2	1,142.34	1/2	1,502.59	1/2	1,862.52	1/2	2,219.36	1/2	2,579.29	1/2	2,939.16	1/2	3,299.06
3/4	83.13	3/4	443.63	3/4	794.95	3/4	1,149.84	3/4	1,510.09	3/4	1,869.95	3/4	2,226.86	3/4	2,586.79	3/4	2,946.66	3/4	3,306.55
3	90.65	3	451.14	3	802.14	3	1,157.35	3	1,517.60	3	1,877.38	3	2,234.37	3	2,594.29	3	2,954.16	3	3,314.05
1/4	98.17	1/4	458.65	1/4	809.36	1/4	1,164.85	1/4	1,525.10	1/4	1,884.80	1/4	2,241.87	1/4	2,601.78	1/4	2,961.66	1/4	3,321.55
1/2	105.69	1/2	466.16	1/2	816.57	1/2	1,172.36	1/2	1,532.61	1/2	1,892.23	1/2	2,249.37	1/2	2,609.28	1/2	2,969.15	1/2	3,329.05
3/4	113.21	3/4	473.67	3/4	823.78	3/4	1,179.86	3/4	1,540.11	3/4	1,899.66	3/4	2,256.87	3/4	2,616.77	3/4	2,976.65	3/4	3,336.55
4	120.73	4	481.18	4	830.99	4	1,187.37	4	1,547.62	4	1,907.09	4	2,264.37	4	2,624.27	4	2,984.15	4	3,344.04
1/4	128.25	1/4	488.68	1/4	838.22	1/4	1,194.87	1/4	1,555.12	1/4	1,914.51	1/4	2,271.87	1/4	2,631.76	1/4	2,991.65	1/4	3,351.55
1/2	135.76	1/2	496.19	1/2	845.45	1/2	1,202.38	1/2	1,562.63	1/2	1,921.94	1/2	2,279.37	1/2	2,639.26	1/2	2,999.14	1/2	3,359.05
3/4	143.28	3/4	503.70	3/4	852.68	3/4	1,209.89	3/4	1,570.13	3/4	1,929.37	3/4	2,286.88	3/4	2,646.76	3/4	3,006.64	3/4	3,366.55
5	150.80	5	511.21	5	859.90	5	1,217.39	5	1,577.64	5	1,936.80	5	2,294.38	5	2,654.25	5	3,014.14	5	3,374.06
1/4	158.31	1/4	518.72	1/4	867.13	1/4	1,224.90	1/4	1,585.14	1/4	1,944.22	1/4	2,301.88	1/4	2,661.75	1/4	3,021.64	1/4	3,381.56
1/2	165.82	1/2	526.23	1/2	874.36	1/2	1,232.40	1/2	1,592.65	1/2	1,951.65	1/2	2,309.38	1/2	2,669.24	1/2	3,029.14	1/2	3,389.07
3/4	173.33	3/4	533.73	3/4	881.59	3/4	1,239.91	3/4	1,600.15	3/4	1,959.08	3/4	2,316.88	3/4	2,676.74	3/4	3,036.63	3/4	3,396.58
6	180.84	6	541.24	6	888.82	6	1,247.41	6	1,607.66	6	1,966.51	6	2,324.38	6	2,684.24	6	3,044.13	6	3,404.08
1/4	188.35	1/4	548.75	1/4	896.05	1/4	1,254.92	1/4	1,615.16	1/4	1,973.93	1/4	2,331.88	1/4	2,691.73	1/4	3,051.63	1/4	3,411.59
1/2	195.86	1/2	556.26	1/2	903.28	1/2	1,262.42	1/2	1,622.67	1/2	1,981.36	1/2	2,339.38	1/2	2,699.23	1/2	3,059.13	1/2	3,419.10
3/4	203.37	3/4	563.77	3/4	910.50	3/4	1,269.93	3/4	1,630.17	3/4	1,988.79	3/4	2,346.88	3/4	2,706.73	3/4	3,066.62	3/4	3,426.60
7	210.88	7	571.28	7	917.73	7	1,277.43	7	1,637.68	7	1,996.22	7	2,354.39	7	2,714.23	7	3,074.12	7	3,434.11
1/4	218.38	1/4	578.63	1/4	925.10	1/4	1,284.94	1/4	1,645.18	1/4	2,003.64	1/4	2,361.89	1/4	2,721.73	1/4	3,081.62	1/4	3,441.62
1/2	225.89	1/2	585.98	1/2	932.47	1/2	1,292.44	1/2	1,652.69	1/2	2,011.07	1/2	2,369.39	1/2	2,729.22	1/2	3,089.12	1/2	3,449.13
3/4	233.40	3/4	593.33	3/4	939.83	3/4	1,299.95	3/4	1,660.19	3/4	2,018.50	3/4	2,376.89	3/4	2,736.72	3/4	3,096.62	3/4	3,456.65
8	240.91	8	600.68	8	947.20	8	1,307.45	8	1,667.70	8	2,025.93	8	2,384.39	8	2,744.22	8	3,104.11	8	3,464.16
1/4	248.42	1/4	607.88	1/4	954.71	1/4	1,314.96	1/4	1,675.20	1/4	2,033.35	1/4	2,391.89	1/4	2,751.72	1/4	3,111.61	1/4	3,471.68
1/2	255.92	1/2	615.07	1/2	962.21	1/2	1,322.46	1/2	1,682.71	1/2	2,040.78	1/2	2,399.39	1/2	2,759.22	1/2	3,119.11	1/2	3,479.20
3/4	263.43	3/4	622.27	3/4	969.72	3/4	1,329.97	3/4	1,690.21	3/4	2,048.21	3/4	2,406.89	3/4	2,766.71	3/4	3,126.61	3/4	3,486.72
9	270.94	9	629.46	9	977.22	9	1,337.48	9	1,697.72	9	2,055.64	9	2,414.38	9	2,774.21	9	3,134.11	9	3,494.23
1/4	278.45	1/4	636.66	1/4	984.73	1/4	1,344.98	1/4	1,705.23	1/4	2,063.06	1/4	2,421.88	1/4	2,781.71	1/4	3,141.60	1/4	3,501.75
1/2	285.96	1/2	643.85	1/2	992.23	1/2	1,352.49	1/2	1,712.73	1/2	2,070.49	1/2	2,429.38	1/2	2,789.21	1/2	3,149.10	1/2	3,509.27
3/4	293.47	3/4	651.05	3/4	999.74	3/4	1,359.99	3/4	1,720.24	3/4	2,077.92	3/4	2,436.88	3/4	2,796.70	3/4	3,156.60	3/4	3,516.79
10	300.97	10	658.24	10	1,007.24	10	1,367.50	10	1,727.74	10	2,085.35	10	2,444.37	10	2,804.20	10	3,164.10	10	3,524.31
1/4	308.48	1/4	665.44	1/4	1,014.75	1/4	1,375.00	1/4	1,735.25	1/4	2,092.77	1/4	2,451.87	1/4	2,811.70	1/4	3,171.59	1/4	3,531.83
1/2	315.99	1/2	672.63	1/2	1,022.25	1/2	1,382.51	1/2	1,742.75	1/2	2,100.20	1/2	2,459.37	1/2	2,819.20	1/2	3,179.09	1/2	3,539.34
3/4	323.50	3/4	679.83	3/4	1,029.76	3/4	1,390.01	3/4	1,750.26	3/4	2,107.63	3/4	2,466.86	3/4	2,826.70	3/4	3,186.59	3/4	3,546.86
11	331.01	11	687.02	11	1,037.26	11	1,397.52	11	1,757.76	11	2,115.06	11	2,474.36	11	2,834.19	11	3,194.09	11	3,554.38
1/4	338.52	1/4	694.22	1/4	1,044.77	1/4	1,405.02	1/4	1,765.27	1/4	2,122.48	1/4	2,481.85	1/4	2,841.69	1/4	3,201.59	1/4	3,561.90
1/2	346.02	1/2	701.41	1/2	1,052.27	1/2	1,412.53	1/2	1,772.77	1/2	2,129.91	1/2	2,489.35	1/2	2,849.19	1/2	3,209.08	1/2	3,569.42
3/4	353.53	3/4	708.61	3/4	1,059.78	3/4	1,420.03	3/4	1,780.28	3/4	2,137.34	3/4	2,496.84	3/4	2,856.69	3/4	3,216.58	3/4	3,576.94

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "TMTB 111"

3 STBD

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

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	3,584.45	0	3,855.05	0	4,120.91	0	4,376.45	0	4,617.04	0		0		0		0		0	
1/4	3,590.99	1/4	3,860.61	1/4	4,126.36	1/4	4,381.59	1/4	4,621.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,597.53	1/2	3,866.16	1/2	4,131.81	1/2	4,386.72	1/2	4,626.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,604.07	3/4	3,871.72	3/4	4,137.27	3/4	4,391.86	3/4	4,631.51	3/4		3/4		3/4		3/4		3/4	
1	3,610.60	1	3,877.27	1	4,142.72	1	4,396.99	1	4,636.33	1		1		1		1		1	
1/4	3,616.16	1/4	3,882.83	1/4	4,148.15	1/4	4,402.11	1/4	4,641.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,621.71	1/2	3,888.38	1/2	4,153.58	1/2	4,407.22	1/2	4,646.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,627.27	3/4	3,893.94	3/4	4,159.02	3/4	4,412.34	3/4	4,651.69	3/4		3/4		3/4		3/4		3/4	
2	3,632.83	2	3,899.49	2	4,164.45	2	4,417.45	2	4,656.82	2		2		2		2		2	
1/4	3,638.38	1/4	3,905.05	1/4	4,169.86	1/4	4,422.55	1/4	4,662.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,643.94	1/2	3,910.61	1/2	4,175.27	1/2	4,427.64	1/2	4,667.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,649.49	3/4	3,916.16	3/4	4,180.68	3/4	4,432.73	3/4	4,673.11	3/4		3/4		3/4		3/4		3/4	
3	3,655.05	3	3,921.72	3	4,186.09	3	4,437.83	3	4,678.54	3		3		3		3		3	
1/4	3,660.60	1/4	3,927.27	1/4	4,191.48	1/4	4,442.90	1/4	4,683.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,666.16	1/2	3,932.83	1/2	4,196.87	1/2	4,447.97	1/2	4,689.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,671.72	3/4	3,938.38	3/4	4,202.26	3/4	4,453.04	3/4	4,694.82	3/4		3/4		3/4		3/4		3/4	
4	3,677.27	4	3,943.94	4	4,207.65	4	4,458.12	4	4,700.25	4		4		4		4		4	
1/4	3,682.83	1/4	3,949.50	1/4	4,213.02	1/4	4,463.17	1/4	4,705.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,688.38	1/2	3,955.05	1/2	4,218.39	1/2	4,468.22	1/2	4,710.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,693.94	3/4	3,960.61	3/4	4,223.76	3/4	4,473.27	3/4	4,715.42	3/4		3/4		3/4		3/4		3/4	
5	3,699.49	5	3,966.16	5	4,229.13	5	4,478.32	5	4,720.47	5		5		5		5		5	
1/4	3,705.05	1/4	3,971.72	1/4	4,234.48	1/4	4,483.35	1/4	4,724.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,710.60	1/2	3,977.27	1/2	4,239.82	1/2	4,488.38	1/2	4,728.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,716.16	3/4	3,982.83	3/4	4,245.17	3/4	4,493.41	3/4	4,732.25	3/4		3/4		3/4		3/4		3/4	
6	3,721.72	6	3,988.38	6	4,250.52	6	4,498.44	6	4,736.18	6		6		6		6		6	
1/4	3,727.27	1/4	3,993.94	1/4	4,255.85	1/4	4,503.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,732.83	1/2	3,999.50	1/2	4,261.17	1/2	4,508.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,738.38	3/4	4,005.05	3/4	4,266.50	3/4	4,513.47	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,743.94	7	4,010.61	7	4,271.83	7	4,518.48	7		7		7		7		7		7	
1/4	3,749.49	1/4	4,016.16	1/4	4,277.13	1/4	4,523.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,755.05	1/2	4,021.71	1/2	4,282.44	1/2	4,528.46	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,760.60	3/4	4,027.26	3/4	4,287.74	3/4	4,533.45	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,766.16	8	4,032.82	8	4,293.05	8	4,538.43	8		8		8		8		8		8	
1/4	3,771.72	1/4	4,038.35	1/4	4,298.34	1/4	4,543.40	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,777.27	1/2	4,043.89	1/2	4,303.62	1/2	4,548.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,782.83	3/4	4,049.43	3/4	4,308.91	3/4	4,553.34	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,788.38	9	4,054.97	9	4,314.19	9	4,558.30	9		9		9		9		9		9	
1/4	3,793.94	1/4	4,060.48	1/4	4,319.42	1/4	4,563.25	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,799.49	1/2	4,066.00	1/2	4,324.65	1/2	4,568.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,805.05	3/4	4,071.51	3/4	4,329.88	3/4	4,573.14	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,810.61	10	4,077.03	10	4,335.11	10	4,578.09	10		10		10		10		10		10	
1/4	3,816.16	1/4	4,082.53	1/4	4,340.29	1/4	4,582.98	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,821.72	1/2	4,088.02	1/2	4,345.47	1/2	4,587.88	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,827.27	3/4	4,093.52	3/4	4,350.65	3/4	4,592.77	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,832.83	11	4,099.01	11	4,355.83	11	4,597.67	11		11		11		11		11		11	
1/4	3,838.38	1/4	4,104.49	1/4	4,360.98	1/4	4,602.51	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,843.94	1/2	4,109.96	1/2	4,366.14	1/2	4,607.36	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,849.49	3/4	4,115.43	3/4	4,371.30	3/4	4,612.20	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

FUEL TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	188	0	376	0	564	0	753	0		0		0		0		0	
1/4	4	1/4	192	1/4	380	1/4	568	1/4	757	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	196	1/2	384	1/2	572	1/2	760	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	200	3/4	388	3/4	576	3/4	764	3/4		3/4		3/4		3/4		3/4	
1	16	1	204	1	392	1	580	1	768	1		1		1		1		1	
1/4	20	1/4	208	1/4	396	1/4	584	1/4	772	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	212	1/2	400	1/2	588	1/2	776	1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	216	3/4	404	3/4	592	3/4	780	3/4		3/4		3/4		3/4		3/4	
2	31	2	220	2	408	2	596	2	784	2		2		2		2		2	
1/4	35	1/4	223	1/4	412	1/4	600	1/4	788	1/4		1/4		1/4		1/4		1/4	
1/2	39	1/2	227	1/2	416	1/2	604	1/2	792	1/2		1/2		1/2		1/2		1/2	
3/4	43	3/4	231	3/4	419	3/4	608	3/4	796	3/4		3/4		3/4		3/4		3/4	
3	47	3	235	3	423	3	612	3	800	3		3		3		3		3	
1/4	51	1/4	239	1/4	427	1/4	615	1/4	804	1/4		1/4		1/4		1/4		1/4	
1/2	55	1/2	243	1/2	431	1/2	619	1/2	807	1/2		1/2		1/2		1/2		1/2	
3/4	59	3/4	247	3/4	435	3/4	623	3/4	811	3/4		3/4		3/4		3/4		3/4	
4	63	4	251	4	439	4	627	4	815	4		4		4		4		4	
1/4	67	1/4	255	1/4	443	1/4	631	1/4	819	1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	259	1/2	447	1/2	635	1/2	823	1/2		1/2		1/2		1/2		1/2	
3/4	74	3/4	263	3/4	451	3/4	639	3/4	827	3/4		3/4		3/4		3/4		3/4	
5	78	5	267	5	455	5	643	5	831	5		5		5		5		5	
1/4	82	1/4	270	1/4	459	1/4	647	1/4	835	1/4		1/4		1/4		1/4		1/4	
1/2	86	1/2	274	1/2	463	1/2	651	1/2	838	1/2		1/2		1/2		1/2		1/2	
3/4	90	3/4	278	3/4	466	3/4	655	3/4	842	3/4		3/4		3/4		3/4		3/4	
6	94	6	282	6	470	6	659	6	846	6		6		6		6		6	
1/4	98	1/4	286	1/4	474	1/4	662	1/4	850	1/4		1/4		1/4		1/4		1/4	
1/2	102	1/2	290	1/2	478	1/2	666	1/2	854	1/2		1/2		1/2		1/2		1/2	
3/4	106	3/4	294	3/4	482	3/4	670	3/4	858	3/4		3/4		3/4		3/4		3/4	
7	110	7	298	7	486	7	674	7	862	7		7		7		7		7	
1/4	114	1/4	302	1/4	490	1/4	678	1/4	866	1/4		1/4		1/4		1/4		1/4	
1/2	118	1/2	306	1/2	494	1/2	682	1/2	870	1/2		1/2		1/2		1/2		1/2	
3/4	122	3/4	310	3/4	498	3/4	686	3/4	873	3/4		3/4		3/4		3/4		3/4	
8	125	8	314	8	502	8	690	8	877	8		8		8		8		8	
1/4	129	1/4	318	1/4	506	1/4	694	1/4	881	1/4		1/4		1/4		1/4		1/4	
1/2	133	1/2	321	1/2	510	1/2	698	1/2	885	1/2		1/2		1/2		1/2		1/2	
3/4	137	3/4	325	3/4	514	3/4	702	3/4		3/4		3/4		3/4		3/4		3/4	
9	141	9	329	9	517	9	706	9		9		9		9		9		9	
1/4	145	1/4	333	1/4	521	1/4	710	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	149	1/2	337	1/2	525	1/2	713	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	341	3/4	529	3/4	717	3/4		3/4		3/4		3/4		3/4		3/4	
10	157	10	345	10	533	10	721	10		10		10		10		10		10	
1/4	161	1/4	349	1/4	537	1/4	725	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165	1/2	353	1/2	541	1/2	729	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169	3/4	357	3/4	545	3/4	733	3/4		3/4		3/4		3/4		3/4		3/4	
11	172	11	361	11	549	11	737	11		11		11		11		11		11	
1/4	176	1/4	365	1/4	553	1/4	741	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	180	1/2	368	1/2	557	1/2	745	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	184	3/4	372	3/4	561	3/4	749	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

PORT SLOP

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,047	0	2,095	0	3,127	0	4,108	0		0		0		0		0	
1/4	22	1/4	1,069	1/4	2,117	1/4	3,148	1/4	4,128	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,091	1/2	2,138	1/2	3,169	1/2	4,147	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	1,113	3/4	2,160	3/4	3,190	3/4	4,167	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,135	1	2,182	1	3,211	1	4,187	1		1		1		1		1	
1/4	109	1/4	1,156	1/4	2,204	1/4	3,232	1/4	4,207	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	1,178	1/2	2,226	1/2	3,252	1/2	4,227	1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	1,200	3/4	2,248	3/4	3,273	3/4	4,246	3/4		3/4		3/4		3/4		3/4	
2	175	2	1,222	2	2,269	2	3,294	2	4,266	2		2		2		2		2	
1/4	196	1/4	1,244	1/4	2,291	1/4	3,315	1/4	4,285	1/4		1/4		1/4		1/4		1/4	
1/2	218	1/2	1,266	1/2	2,313	1/2	3,336	1/2	4,305	1/2		1/2		1/2		1/2		1/2	
3/4	240	3/4	1,287	3/4	2,335	3/4	3,356	3/4	4,324	3/4		3/4		3/4		3/4		3/4	
3	262	3	1,309	3	2,357	3	3,377	3	4,344	3		3		3		3		3	
1/4	284	1/4	1,331	1/4	2,378	1/4	3,398	1/4	4,363	1/4		1/4		1/4		1/4		1/4	
1/2	305	1/2	1,353	1/2	2,400	1/2	3,418	1/2	4,382	1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	1,375	3/4	2,422	3/4	3,439	3/4	4,401	3/4		3/4		3/4		3/4		3/4	
4	349	4	1,397	4	2,444	4	3,460	4	4,421	4		4		4		4		4	
1/4	371	1/4	1,418	1/4	2,465	1/4	3,480	1/4	4,440	1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	1,440	1/2	2,487	1/2	3,501	1/2	4,459	1/2		1/2		1/2		1/2		1/2	
3/4	415	3/4	1,462	3/4	2,509	3/4	3,521	3/4	4,478	3/4		3/4		3/4		3/4		3/4	
5	436	5	1,484	5	2,530	5	3,542	5	4,497	5		5		5		5		5	
1/4	458	1/4	1,506	1/4	2,552	1/4	3,562	1/4	4,516	1/4		1/4		1/4		1/4		1/4	
1/2	480	1/2	1,527	1/2	2,574	1/2	3,583	1/2	4,535	1/2		1/2		1/2		1/2		1/2	
3/4	502	3/4	1,549	3/4	2,595	3/4	3,603	3/4	4,554	3/4		3/4		3/4		3/4		3/4	
6	524	6	1,571	6	2,617	6	3,624	6	4,573	6		6		6		6		6	
1/4	546	1/4	1,593	1/4	2,638	1/4	3,644	1/4	4,592	1/4		1/4		1/4		1/4		1/4	
1/2	567	1/2	1,615	1/2	2,660	1/2	3,665	1/2	4,611	1/2		1/2		1/2		1/2		1/2	
3/4	589	3/4	1,637	3/4	2,681	3/4	3,685	3/4	4,630	3/4		3/4		3/4		3/4		3/4	
7	611	7	1,658	7	2,703	7	3,705	7	4,649	7		7		7		7		7	
1/4	633	1/4	1,680	1/4	2,724	1/4	3,726	1/4	4,668	1/4		1/4		1/4		1/4		1/4	
1/2	655	1/2	1,702	1/2	2,745	1/2	3,746	1/2	4,687	1/2		1/2		1/2		1/2		1/2	
3/4	676	3/4	1,724	3/4	2,767	3/4	3,766	3/4	4,705	3/4		3/4		3/4		3/4		3/4	
8	698	8	1,746	8	2,788	8	3,787	8	4,724	8		8		8		8		8	
1/4	720	1/4	1,767	1/4	2,810	1/4	3,807	1/4	4,743	1/4		1/4		1/4		1/4		1/4	
1/2	742	1/2	1,789	1/2	2,831	1/2	3,827	1/2	4,762	1/2		1/2		1/2		1/2		1/2	
3/4	764	3/4	1,811	3/4	2,852	3/4	3,847	3/4		3/4		3/4		3/4		3/4		3/4	
9	786	9	1,833	9	2,873	9	3,867	9		9		9		9		9		9	
1/4	807	1/4	1,855	1/4	2,895	1/4	3,888	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	829	1/2	1,877	1/2	2,916	1/2	3,908	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	851	3/4	1,898	3/4	2,937	3/4	3,928	3/4		3/4		3/4		3/4		3/4		3/4	
10	873	10	1,920	10	2,958	10	3,948	10		10		10		10		10		10	
1/4	895	1/4	1,942	1/4	2,979	1/4	3,968	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	916	1/2	1,964	1/2	3,001	1/2	3,988	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	938	3/4	1,986	3/4	3,022	3/4	4,008	3/4		3/4		3/4		3/4		3/4		3/4	
11	960	11	2,007	11	3,043	11	4,028	11		11		11		11		11		11	
1/4	982	1/4	2,029	1/4	3,064	1/4	4,048	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,004	1/2	2,051	1/2	3,085	1/2	4,068	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,026	3/4	2,073	3/4	3,106	3/4	4,088	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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BARGE "TMTB 111"

STBD SLOP

INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,047	0	2,095	0	3,127	0	4,108	0		0		0		0		0	
1/4	22	1/4	1,069	1/4	2,117	1/4	3,148	1/4	4,128	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,091	1/2	2,138	1/2	3,169	1/2	4,147	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	1,113	3/4	2,160	3/4	3,190	3/4	4,167	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,135	1	2,182	1	3,211	1	4,187	1		1		1		1		1	
1/4	109	1/4	1,156	1/4	2,204	1/4	3,232	1/4	4,207	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	1,178	1/2	2,226	1/2	3,252	1/2	4,227	1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	1,200	3/4	2,248	3/4	3,273	3/4	4,246	3/4		3/4		3/4		3/4		3/4	
2	175	2	1,222	2	2,269	2	3,294	2	4,266	2		2		2		2		2	
1/4	196	1/4	1,244	1/4	2,291	1/4	3,315	1/4	4,285	1/4		1/4		1/4		1/4		1/4	
1/2	218	1/2	1,266	1/2	2,313	1/2	3,336	1/2	4,305	1/2		1/2		1/2		1/2		1/2	
3/4	240	3/4	1,287	3/4	2,335	3/4	3,356	3/4	4,324	3/4		3/4		3/4		3/4		3/4	
3	262	3	1,309	3	2,357	3	3,377	3	4,344	3		3		3		3		3	
1/4	284	1/4	1,331	1/4	2,378	1/4	3,398	1/4	4,363	1/4		1/4		1/4		1/4		1/4	
1/2	305	1/2	1,353	1/2	2,400	1/2	3,418	1/2	4,382	1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	1,375	3/4	2,422	3/4	3,439	3/4	4,401	3/4		3/4		3/4		3/4		3/4	
4	349	4	1,397	4	2,444	4	3,460	4	4,421	4		4		4		4		4	
1/4	371	1/4	1,418	1/4	2,465	1/4	3,480	1/4	4,440	1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	1,440	1/2	2,487	1/2	3,501	1/2	4,459	1/2		1/2		1/2		1/2		1/2	
3/4	415	3/4	1,462	3/4	2,509	3/4	3,521	3/4	4,478	3/4		3/4		3/4		3/4		3/4	
5	436	5	1,484	5	2,530	5	3,542	5	4,497	5		5		5		5		5	
1/4	458	1/4	1,506	1/4	2,552	1/4	3,562	1/4	4,516	1/4		1/4		1/4		1/4		1/4	
1/2	480	1/2	1,527	1/2	2,574	1/2	3,583	1/2	4,535	1/2		1/2		1/2		1/2		1/2	
3/4	502	3/4	1,549	3/4	2,595	3/4	3,603	3/4	4,554	3/4		3/4		3/4		3/4		3/4	
6	524	6	1,571	6	2,617	6	3,624	6	4,573	6		6		6		6		6	
1/4	546	1/4	1,593	1/4	2,638	1/4	3,644	1/4	4,592	1/4		1/4		1/4		1/4		1/4	
1/2	567	1/2	1,615	1/2	2,660	1/2	3,665	1/2	4,611	1/2		1/2		1/2		1/2		1/2	
3/4	589	3/4	1,637	3/4	2,681	3/4	3,685	3/4	4,630	3/4		3/4		3/4		3/4		3/4	
7	611	7	1,658	7	2,703	7	3,705	7	4,649	7		7		7		7		7	
1/4	633	1/4	1,680	1/4	2,724	1/4	3,726	1/4	4,668	1/4		1/4		1/4		1/4		1/4	
1/2	655	1/2	1,702	1/2	2,745	1/2	3,746	1/2	4,687	1/2		1/2		1/2		1/2		1/2	
3/4	676	3/4	1,724	3/4	2,767	3/4	3,766	3/4	4,705	3/4		3/4		3/4		3/4		3/4	
8	698	8	1,746	8	2,788	8	3,787	8	4,724	8		8		8		8		8	
1/4	720	1/4	1,767	1/4	2,810	1/4	3,807	1/4	4,743	1/4		1/4		1/4		1/4		1/4	
1/2	742	1/2	1,789	1/2	2,831	1/2	3,827	1/2	4,762	1/2		1/2		1/2		1/2		1/2	
3/4	764	3/4	1,811	3/4	2,852	3/4	3,847	3/4		3/4		3/4		3/4		3/4		3/4	
9	786	9	1,833	9	2,873	9	3,867	9		9		9		9		9		9	
1/4	807	1/4	1,855	1/4	2,895	1/4	3,888	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	829	1/2	1,877	1/2	2,916	1/2	3,908	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	851	3/4	1,898	3/4	2,937	3/4	3,928	3/4		3/4		3/4		3/4		3/4		3/4	
10	873	10	1,920	10	2,958	10	3,948	10		10		10		10		10		10	
1/4	895	1/4	1,942	1/4	2,979	1/4	3,968	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	916	1/2	1,964	1/2	3,001	1/2	3,988	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	938	3/4	1,986	3/4	3,022	3/4	4,008	3/4		3/4		3/4		3/4		3/4		3/4	
11	960	11	2,007	11	3,043	11	4,028	11		11		11		11		11		11	
1/4	982	1/4	2,029	1/4	3,064	1/4	4,048	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,004	1/2	2,051	1/2	3,085	1/2	4,068	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,026	3/4	2,073	3/4	3,106	3/4	4,088	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

FUEL TANK

INNAGE TABLE

GAUGE HEIGHT: 5'-03 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	188	0	376	0	564	0	753	0		0		0		0		0	
1/4	4	1/4	192	1/4	380	1/4	568	1/4	757	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	196	1/2	384	1/2	572	1/2	760	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	200	3/4	388	3/4	576	3/4	764	3/4		3/4		3/4		3/4		3/4	
1	16	1	204	1	392	1	580	1	768	1		1		1		1		1	
1/4	20	1/4	208	1/4	396	1/4	584	1/4	772	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	212	1/2	400	1/2	588	1/2	776	1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	216	3/4	404	3/4	592	3/4	780	3/4		3/4		3/4		3/4		3/4	
2	31	2	220	2	408	2	596	2	784	2		2		2		2		2	
1/4	35	1/4	223	1/4	412	1/4	600	1/4	788	1/4		1/4		1/4		1/4		1/4	
1/2	39	1/2	227	1/2	416	1/2	604	1/2	792	1/2		1/2		1/2		1/2		1/2	
3/4	43	3/4	231	3/4	419	3/4	608	3/4	796	3/4		3/4		3/4		3/4		3/4	
3	47	3	235	3	423	3	612	3	800	3		3		3		3		3	
1/4	51	1/4	239	1/4	427	1/4	615	1/4	804	1/4		1/4		1/4		1/4		1/4	
1/2	55	1/2	243	1/2	431	1/2	619	1/2	807	1/2		1/2		1/2		1/2		1/2	
3/4	59	3/4	247	3/4	435	3/4	623	3/4	811	3/4		3/4		3/4		3/4		3/4	
4	63	4	251	4	439	4	627	4	815	4		4		4		4		4	
1/4	67	1/4	255	1/4	443	1/4	631	1/4	819	1/4		1/4		1/4		1/4		1/4	
1/2	71	1/2	259	1/2	447	1/2	635	1/2	823	1/2		1/2		1/2		1/2		1/2	
3/4	74	3/4	263	3/4	451	3/4	639	3/4	827	3/4		3/4		3/4		3/4		3/4	
5	78	5	267	5	455	5	643	5	831	5		5		5		5		5	
1/4	82	1/4	270	1/4	459	1/4	647	1/4	835	1/4		1/4		1/4		1/4		1/4	
1/2	86	1/2	274	1/2	463	1/2	651	1/2	838	1/2		1/2		1/2		1/2		1/2	
3/4	90	3/4	278	3/4	466	3/4	655	3/4	842	3/4		3/4		3/4		3/4		3/4	
6	94	6	282	6	470	6	659	6	846	6		6		6		6		6	
1/4	98	1/4	286	1/4	474	1/4	662	1/4	850	1/4		1/4		1/4		1/4		1/4	
1/2	102	1/2	290	1/2	478	1/2	666	1/2	854	1/2		1/2		1/2		1/2		1/2	
3/4	106	3/4	294	3/4	482	3/4	670	3/4	858	3/4		3/4		3/4		3/4		3/4	
7	110	7	298	7	486	7	674	7	862	7		7		7		7		7	
1/4	114	1/4	302	1/4	490	1/4	678	1/4	866	1/4		1/4		1/4		1/4		1/4	
1/2	118	1/2	306	1/2	494	1/2	682	1/2	870	1/2		1/2		1/2		1/2		1/2	
3/4	122	3/4	310	3/4	498	3/4	686	3/4	873	3/4		3/4		3/4		3/4		3/4	
8	125	8	314	8	502	8	690	8	877	8		8		8		8		8	
1/4	129	1/4	318	1/4	506	1/4	694	1/4	881	1/4		1/4		1/4		1/4		1/4	
1/2	133	1/2	321	1/2	510	1/2	698	1/2	885	1/2		1/2		1/2		1/2		1/2	
3/4	137	3/4	325	3/4	514	3/4	702	3/4		3/4		3/4		3/4		3/4		3/4	
9	141	9	329	9	517	9	706	9		9		9		9		9		9	
1/4	145	1/4	333	1/4	521	1/4	710	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	149	1/2	337	1/2	525	1/2	713	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	341	3/4	529	3/4	717	3/4		3/4		3/4		3/4		3/4		3/4	
10	157	10	345	10	533	10	721	10		10		10		10		10		10	
1/4	161	1/4	349	1/4	537	1/4	725	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	165	1/2	353	1/2	541	1/2	729	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	169	3/4	357	3/4	545	3/4	733	3/4		3/4		3/4		3/4		3/4		3/4	
11	172	11	361	11	549	11	737	11		11		11		11		11		11	
1/4	176	1/4	365	1/4	553	1/4	741	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	180	1/2	368	1/2	557	1/2	745	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	184	3/4	372	3/4	561	3/4	749	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

PORT SLOP

INNAGE TABLE

HERMETIC

GAUGE HEIGHT: 5'-08 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,047	0	2,095	0	3,127	0	4,108	0		0		0		0		0	
1/4	22	1/4	1,069	1/4	2,117	1/4	3,148	1/4	4,128	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,091	1/2	2,138	1/2	3,169	1/2	4,147	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	1,113	3/4	2,160	3/4	3,190	3/4	4,167	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,135	1	2,182	1	3,211	1	4,187	1		1		1		1		1	
1/4	109	1/4	1,156	1/4	2,204	1/4	3,232	1/4	4,207	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	1,178	1/2	2,226	1/2	3,252	1/2	4,227	1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	1,200	3/4	2,248	3/4	3,273	3/4	4,246	3/4		3/4		3/4		3/4		3/4	
2	175	2	1,222	2	2,269	2	3,294	2	4,266	2		2		2		2		2	
1/4	196	1/4	1,244	1/4	2,291	1/4	3,315	1/4	4,285	1/4		1/4		1/4		1/4		1/4	
1/2	218	1/2	1,266	1/2	2,313	1/2	3,336	1/2	4,305	1/2		1/2		1/2		1/2		1/2	
3/4	240	3/4	1,287	3/4	2,335	3/4	3,356	3/4	4,324	3/4		3/4		3/4		3/4		3/4	
3	262	3	1,309	3	2,357	3	3,377	3	4,344	3		3		3		3		3	
1/4	284	1/4	1,331	1/4	2,378	1/4	3,398	1/4	4,363	1/4		1/4		1/4		1/4		1/4	
1/2	305	1/2	1,353	1/2	2,400	1/2	3,418	1/2	4,382	1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	1,375	3/4	2,422	3/4	3,439	3/4	4,401	3/4		3/4		3/4		3/4		3/4	
4	349	4	1,397	4	2,444	4	3,460	4	4,421	4		4		4		4		4	
1/4	371	1/4	1,418	1/4	2,465	1/4	3,480	1/4	4,440	1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	1,440	1/2	2,487	1/2	3,501	1/2	4,459	1/2		1/2		1/2		1/2		1/2	
3/4	415	3/4	1,462	3/4	2,509	3/4	3,521	3/4	4,478	3/4		3/4		3/4		3/4		3/4	
5	436	5	1,484	5	2,530	5	3,542	5	4,497	5		5		5		5		5	
1/4	458	1/4	1,506	1/4	2,552	1/4	3,562	1/4	4,516	1/4		1/4		1/4		1/4		1/4	
1/2	480	1/2	1,527	1/2	2,574	1/2	3,583	1/2	4,535	1/2		1/2		1/2		1/2		1/2	
3/4	502	3/4	1,549	3/4	2,595	3/4	3,603	3/4	4,554	3/4		3/4		3/4		3/4		3/4	
6	524	6	1,571	6	2,617	6	3,624	6	4,573	6		6		6		6		6	
1/4	546	1/4	1,593	1/4	2,638	1/4	3,644	1/4	4,592	1/4		1/4		1/4		1/4		1/4	
1/2	567	1/2	1,615	1/2	2,660	1/2	3,665	1/2	4,611	1/2		1/2		1/2		1/2		1/2	
3/4	589	3/4	1,637	3/4	2,681	3/4	3,685	3/4	4,630	3/4		3/4		3/4		3/4		3/4	
7	611	7	1,658	7	2,703	7	3,705	7	4,649	7		7		7		7		7	
1/4	633	1/4	1,680	1/4	2,724	1/4	3,726	1/4	4,668	1/4		1/4		1/4		1/4		1/4	
1/2	655	1/2	1,702	1/2	2,745	1/2	3,746	1/2	4,687	1/2		1/2		1/2		1/2		1/2	
3/4	676	3/4	1,724	3/4	2,767	3/4	3,766	3/4	4,705	3/4		3/4		3/4		3/4		3/4	
8	698	8	1,746	8	2,788	8	3,787	8	4,724	8		8		8		8		8	
1/4	720	1/4	1,767	1/4	2,810	1/4	3,807	1/4	4,743	1/4		1/4		1/4		1/4		1/4	
1/2	742	1/2	1,789	1/2	2,831	1/2	3,827	1/2	4,762	1/2		1/2		1/2		1/2		1/2	
3/4	764	3/4	1,811	3/4	2,852	3/4	3,847	3/4		3/4		3/4		3/4		3/4		3/4	
9	786	9	1,833	9	2,873	9	3,867	9		9		9		9		9		9	
1/4	807	1/4	1,855	1/4	2,895	1/4	3,888	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	829	1/2	1,877	1/2	2,916	1/2	3,908	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	851	3/4	1,898	3/4	2,937	3/4	3,928	3/4		3/4		3/4		3/4		3/4		3/4	
10	873	10	1,920	10	2,958	10	3,948	10		10		10		10		10		10	
1/4	895	1/4	1,942	1/4	2,979	1/4	3,968	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	916	1/2	1,964	1/2	3,001	1/2	3,988	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	938	3/4	1,986	3/4	3,022	3/4	4,008	3/4		3/4		3/4		3/4		3/4		3/4	
11	960	11	2,007	11	3,043	11	4,028	11		11		11		11		11		11	
1/4	982	1/4	2,029	1/4	3,064	1/4	4,048	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,004	1/2	2,051	1/2	3,085	1/2	4,068	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,026	3/4	2,073	3/4	3,106	3/4	4,088	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

STBD SLOP

INNAGE TABLE

HERMETIC

GAUGE HEIGHT: 5'-08 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,047	0	2,095	0	3,127	0	4,108	0		0		0		0		0	
1/4	22	1/4	1,069	1/4	2,117	1/4	3,148	1/4	4,128	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,091	1/2	2,138	1/2	3,169	1/2	4,147	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	1,113	3/4	2,160	3/4	3,190	3/4	4,167	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,135	1	2,182	1	3,211	1	4,187	1		1		1		1		1	
1/4	109	1/4	1,156	1/4	2,204	1/4	3,232	1/4	4,207	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	1,178	1/2	2,226	1/2	3,252	1/2	4,227	1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	1,200	3/4	2,248	3/4	3,273	3/4	4,246	3/4		3/4		3/4		3/4		3/4	
2	175	2	1,222	2	2,269	2	3,294	2	4,266	2		2		2		2		2	
1/4	196	1/4	1,244	1/4	2,291	1/4	3,315	1/4	4,285	1/4		1/4		1/4		1/4		1/4	
1/2	218	1/2	1,266	1/2	2,313	1/2	3,336	1/2	4,305	1/2		1/2		1/2		1/2		1/2	
3/4	240	3/4	1,287	3/4	2,335	3/4	3,356	3/4	4,324	3/4		3/4		3/4		3/4		3/4	
3	262	3	1,309	3	2,357	3	3,377	3	4,344	3		3		3		3		3	
1/4	284	1/4	1,331	1/4	2,378	1/4	3,398	1/4	4,363	1/4		1/4		1/4		1/4		1/4	
1/2	305	1/2	1,353	1/2	2,400	1/2	3,418	1/2	4,382	1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	1,375	3/4	2,422	3/4	3,439	3/4	4,401	3/4		3/4		3/4		3/4		3/4	
4	349	4	1,397	4	2,444	4	3,460	4	4,421	4		4		4		4		4	
1/4	371	1/4	1,418	1/4	2,465	1/4	3,480	1/4	4,440	1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	1,440	1/2	2,487	1/2	3,501	1/2	4,459	1/2		1/2		1/2		1/2		1/2	
3/4	415	3/4	1,462	3/4	2,509	3/4	3,521	3/4	4,478	3/4		3/4		3/4		3/4		3/4	
5	436	5	1,484	5	2,530	5	3,542	5	4,497	5		5		5		5		5	
1/4	458	1/4	1,506	1/4	2,552	1/4	3,562	1/4	4,516	1/4		1/4		1/4		1/4		1/4	
1/2	480	1/2	1,527	1/2	2,574	1/2	3,583	1/2	4,535	1/2		1/2		1/2		1/2		1/2	
3/4	502	3/4	1,549	3/4	2,595	3/4	3,603	3/4	4,554	3/4		3/4		3/4		3/4		3/4	
6	524	6	1,571	6	2,617	6	3,624	6	4,573	6		6		6		6		6	
1/4	546	1/4	1,593	1/4	2,638	1/4	3,644	1/4	4,592	1/4		1/4		1/4		1/4		1/4	
1/2	567	1/2	1,615	1/2	2,660	1/2	3,665	1/2	4,611	1/2		1/2		1/2		1/2		1/2	
3/4	589	3/4	1,637	3/4	2,681	3/4	3,685	3/4	4,630	3/4		3/4		3/4		3/4		3/4	
7	611	7	1,658	7	2,703	7	3,705	7	4,649	7		7		7		7		7	
1/4	633	1/4	1,680	1/4	2,724	1/4	3,726	1/4	4,668	1/4		1/4		1/4		1/4		1/4	
1/2	655	1/2	1,702	1/2	2,745	1/2	3,746	1/2	4,687	1/2		1/2		1/2		1/2		1/2	
3/4	676	3/4	1,724	3/4	2,767	3/4	3,766	3/4	4,705	3/4		3/4		3/4		3/4		3/4	
8	698	8	1,746	8	2,788	8	3,787	8	4,724	8		8		8		8		8	
1/4	720	1/4	1,767	1/4	2,810	1/4	3,807	1/4	4,743	1/4		1/4		1/4		1/4		1/4	
1/2	742	1/2	1,789	1/2	2,831	1/2	3,827	1/2	4,762	1/2		1/2		1/2		1/2		1/2	
3/4	764	3/4	1,811	3/4	2,852	3/4	3,847	3/4		3/4		3/4		3/4		3/4		3/4	
9	786	9	1,833	9	2,873	9	3,867	9		9		9		9		9		9	
1/4	807	1/4	1,855	1/4	2,895	1/4	3,888	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	829	1/2	1,877	1/2	2,916	1/2	3,908	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	851	3/4	1,898	3/4	2,937	3/4	3,928	3/4		3/4		3/4		3/4		3/4		3/4	
10	873	10	1,920	10	2,958	10	3,948	10		10		10		10		10		10	
1/4	895	1/4	1,942	1/4	2,979	1/4	3,968	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	916	1/2	1,964	1/2	3,001	1/2	3,988	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	938	3/4	1,986	3/4	3,022	3/4	4,008	3/4		3/4		3/4		3/4		3/4		3/4	
11	960	11	2,007	11	3,043	11	4,028	11		11		11		11		11		11	
1/4	982	1/4	2,029	1/4	3,064	1/4	4,048	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,004	1/2	2,051	1/2	3,085	1/2	4,068	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,026	3/4	2,073	3/4	3,106	3/4	4,088	3/4		3/4		3/4		3/4		3/4		3/4	

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CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
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BARGE "TMTB 111"

ULLAGE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
1 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
2 PORT	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4
2 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00 7/8"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/8"

LENGTH BETWEEN DRAFT MARKS: 236'-00"

December 30, 2021

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588

http://www.pmacorp.net



BARGE "TMTB 111"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	4,575.26	0	4,275.86	0	3,966.78	0	3,641.51	0	3,310.86	0	2,980.21	0	2,649.56	0	2,318.90	0	1,988.24
1/4		1/4	4,569.88	1/4	4,269.58	1/4	3,960.15	1/4	3,634.63	1/4	3,303.97	1/4	2,973.32	1/4	2,642.67	1/4	2,312.01	1/4	1,981.35
1/2		1/2	4,564.51	1/2	4,263.30	1/2	3,953.52	1/2	3,627.74	1/2	3,297.08	1/2	2,966.43	1/2	2,635.78	1/2	2,305.13	1/2	1,974.46
3/4		3/4	4,559.13	3/4	4,257.03	3/4	3,946.89	3/4	3,620.85	3/4	3,290.20	3/4	2,959.54	3/4	2,628.89	3/4	2,298.24	3/4	1,967.57
1		1	4,552.72	1	4,250.73	1	3,940.23	1	3,613.96	1	3,283.31	1	2,952.65	1	2,622.00	1	2,291.35	1	1,960.67
1/4		1/4	4,546.31	1/4	4,244.42	1/4	3,933.58	1/4	3,607.07	1/4	3,276.42	1/4	2,945.77	1/4	2,615.11	1/4	2,284.46	1/4	1,953.78
1/2		1/2	4,539.90	1/2	4,238.12	1/2	3,926.92	1/2	3,600.18	1/2	3,269.53	1/2	2,938.88	1/2	2,608.22	1/2	2,277.57	1/2	1,946.89
3/4		3/4	4,533.49	3/4	4,231.82	3/4	3,920.26	3/4	3,593.29	3/4	3,262.64	3/4	2,931.99	3/4	2,601.34	3/4	2,270.68	3/4	1,940.00
2		2	4,526.74	2	4,225.49	2	3,913.58	2	3,586.41	2	3,255.75	2	2,925.10	2	2,594.45	2	2,263.79	2	1,933.11
1/4		1/4	4,519.98	1/4	4,219.16	1/4	3,906.90	1/4	3,579.52	1/4	3,248.86	1/4	2,918.21	1/4	2,587.56	1/4	2,256.91	1/4	1,926.22
1/2		1/2	4,513.23	1/2	4,212.83	1/2	3,900.22	1/2	3,572.63	1/2	3,241.98	1/2	2,911.32	1/2	2,580.67	1/2	2,250.02	1/2	1,919.33
3/4		3/4	4,506.48	3/4	4,206.51	3/4	3,893.53	3/4	3,565.74	3/4	3,235.09	3/4	2,904.43	3/4	2,573.78	3/4	2,243.13	3/4	1,912.44
3		3	4,499.72	3	4,200.15	3	3,886.82	3	3,558.85	3	3,228.20	3	2,897.55	3	2,566.89	3	2,236.24	3	1,905.55
1/4		1/4	4,492.97	1/4	4,193.80	1/4	3,880.12	1/4	3,551.96	1/4	3,221.31	1/4	2,890.66	1/4	2,560.00	1/4	2,229.35	1/4	1,898.66
1/2		1/2	4,486.21	1/2	4,187.44	1/2	3,873.41	1/2	3,545.07	1/2	3,214.42	1/2	2,883.77	1/2	2,553.12	1/2	2,222.46	1/2	1,891.77
3/4		3/4	4,479.46	3/4	4,181.09	3/4	3,866.70	3/4	3,538.19	3/4	3,207.53	3/4	2,876.88	3/4	2,546.23	3/4	2,215.57	3/4	1,884.87
4		4	4,473.09	4	4,174.71	4	3,859.96	4	3,531.30	4	3,200.64	4	2,869.99	4	2,539.34	4	2,208.69	4	1,877.98
1/4		1/4	4,466.72	1/4	4,168.32	1/4	3,853.23	1/4	3,524.41	1/4	3,193.76	1/4	2,863.10	1/4	2,532.45	1/4	2,201.80	1/4	1,871.09
1/2		1/2	4,460.35	1/2	4,161.94	1/2	3,846.49	1/2	3,517.52	1/2	3,186.87	1/2	2,856.21	1/2	2,525.56	1/2	2,194.91	1/2	1,864.20
3/4		3/4	4,453.98	3/4	4,155.56	3/4	3,839.76	3/4	3,510.63	3/4	3,179.98	3/4	2,849.33	3/4	2,518.67	3/4	2,188.02	3/4	1,857.31
5		5	4,447.99	5	4,149.16	5	3,833.00	5	3,503.74	5	3,173.09	5	2,842.44	5	2,511.78	5	2,181.13	5	1,850.42
1/4		1/4	4,441.99	1/4	4,142.75	1/4	3,826.24	1/4	3,496.85	1/4	3,166.20	1/4	2,835.55	1/4	2,504.90	1/4	2,174.24	1/4	1,843.53
1/2		1/2	4,435.99	1/2	4,136.34	1/2	3,819.48	1/2	3,489.97	1/2	3,159.31	1/2	2,828.66	1/2	2,498.01	1/2	2,167.35	1/2	1,836.64
3/4		3/4	4,429.99	3/4	4,129.93	3/4	3,812.72	3/4	3,483.08	3/4	3,152.42	3/4	2,821.77	3/4	2,491.12	3/4	2,160.47	3/4	1,829.75
6		6	4,423.97	6	4,123.50	6	3,805.93	6	3,476.19	6	3,145.54	6	2,814.88	6	2,484.23	6	2,153.58	6	1,822.86
1/4		1/4	4,417.94	1/4	4,117.07	1/4	3,799.14	1/4	3,469.30	1/4	3,138.65	1/4	2,807.99	1/4	2,477.34	1/4	2,146.69	1/4	1,815.97
1/2		1/2	4,411.92	1/2	4,110.63	1/2	3,792.35	1/2	3,462.41	1/2	3,131.76	1/2	2,801.11	1/2	2,470.45	1/2	2,139.80	1/2	1,809.07
3/4		3/4	4,405.90	3/4	4,104.20	3/4	3,785.57	3/4	3,455.52	3/4	3,124.87	3/4	2,794.22	3/4	2,463.56	3/4	2,132.91	3/4	1,802.18
7		7	4,399.80	7	4,097.74	7	3,778.75	7	3,448.63	7	3,117.98	7	2,787.33	7	2,456.68	7	2,126.02	7	1,795.29
1/4		1/4	4,393.70	1/4	4,091.28	1/4	3,771.94	1/4	3,441.75	1/4	3,111.09	1/4	2,780.44	1/4	2,449.79	1/4	2,119.13	1/4	1,788.40
1/2		1/2	4,387.60	1/2	4,084.82	1/2	3,765.13	1/2	3,434.86	1/2	3,104.20	1/2	2,773.55	1/2	2,442.90	1/2	2,112.25	1/2	1,781.51
3/4		3/4	4,381.51	3/4	4,078.36	3/4	3,758.31	3/4	3,427.97	3/4	3,097.32	3/4	2,766.66	3/4	2,436.01	3/4	2,105.36	3/4	1,774.62
8		8	4,375.33	8	4,071.86	8	3,751.47	8	3,421.08	8	3,090.43	8	2,759.77	8	2,429.12	8	2,098.47	8	1,767.73
1/4		1/4	4,369.16	1/4	4,065.35	1/4	3,744.63	1/4	3,414.19	1/4	3,083.54	1/4	2,752.89	1/4	2,422.23	1/4	2,091.58	1/4	1,760.84
1/2		1/2	4,362.99	1/2	4,058.85	1/2	3,737.79	1/2	3,407.30	1/2	3,076.65	1/2	2,746.00	1/2	2,415.34	1/2	2,084.69	1/2	1,753.95
3/4		3/4	4,356.82	3/4	4,052.34	3/4	3,730.95	3/4	3,400.41	3/4	3,069.76	3/4	2,739.11	3/4	2,408.46	3/4	2,077.80	3/4	1,747.06
9		9	4,350.62	9	4,045.79	9	3,724.09	9	3,393.53	9	3,062.87	9	2,732.22	9	2,401.57	9	2,070.91	9	1,740.17
1/4		1/4	4,344.42	1/4	4,039.24	1/4	3,717.22	1/4	3,386.64	1/4	3,055.98	1/4	2,725.33	1/4	2,394.68	1/4	2,064.03	1/4	1,733.27
1/2		1/2	4,338.23	1/2	4,032.69	1/2	3,710.36	1/2	3,379.75	1/2	3,049.10	1/2	2,718.44	1/2	2,387.79	1/2	2,057.14	1/2	1,726.38
3/4		3/4	4,332.03	3/4	4,026.14	3/4	3,703.49	3/4	3,372.86	3/4	3,042.21	3/4	2,711.55	3/4	2,380.90	3/4	2,050.25	3/4	1,719.49
10		10	4,325.81	10	4,019.56	10	3,696.61	10	3,365.97	10	3,035.32	10	2,704.67	10	2,374.01	10	2,043.36	10	1,712.60
1/4		1/4	4,319.58	1/4	4,012.98	1/4	3,689.72	1/4	3,359.08	1/4	3,028.43	1/4	2,697.78	1/4	2,367.12	1/4	2,036.47	1/4	1,705.71
1/2		1/2	4,313.36	1/2	4,006.40	1/2	3,682.84	1/2	3,352.19	1/2	3,021.54	1/2	2,690.89	1/2	2,360.24	1/2	2,029.58	1/2	1,698.82
3/4		3/4	4,307.13	3/4	3,999.82	3/4	3,675.96	3/4	3,345.30	3/4	3,014.65	3/4	2,684.00	3/4	2,353.35	3/4	2,022.69	3/4	1,691.93
11		11	4,300.88	11	3,993.22	11	3,669.07	11	3,338.42	11	3,007.76	11	2,677.11	11	2,346.46	11	2,015.80	11	1,685.04
1/4		1/4	4,294.63	1/4	3,986.62	1/4	3,662.18	1/4	3,331.53	1/4	3,000.87	1/4	2,670.22	1/4	2,339.57	1/4	2,008.91	1/4	1,678.15
1/2		1/2	4,288.38	1/2	3,980.01	1/2	3,655.29	1/2	3,324.64	1/2	2,993.99	1/2	2,663.33	1/2	2,332.68	1/2	2,002.02	1/2	1,671.26
3/4	4,580.64	3/4	4,282.13	3/4	3,973.41	3/4	3,648.40	3/4	3,317.75	3/4	2,987.10	3/4	2,656.44	3/4	2,325.79	3/4	1,995.13	3/4	1,664.37

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "TMTB 111"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

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	1,657.47	0	1,326.71	0	996.81	0	682.98	0	391.86	0	121.99	0		0		0		0	
1/4	1,650.58	1/4	1,319.82	1/4	990.05	1/4	676.68	1/4	386.02	1/4	116.60	1/4		1/4		1/4		1/4	
1/2	1,643.69	1/2	1,312.93	1/2	983.29	1/2	670.38	1/2	380.17	1/2	111.22	1/2		1/2		1/2		1/2	
3/4	1,636.80	3/4	1,306.04	3/4	976.53	3/4	664.08	3/4	374.33	3/4	105.84	3/4		3/4		3/4		3/4	
1	1,629.91	1	1,299.15	1	969.82	1	657.82	1	368.53	1	100.49	1		1		1		1	
1/4	1,623.02	1/4	1,292.26	1/4	963.10	1/4	651.56	1/4	362.73	1/4	95.15	1/4		1/4		1/4		1/4	
1/2	1,616.13	1/2	1,285.37	1/2	956.38	1/2	645.30	1/2	356.92	1/2	89.80	1/2		1/2		1/2		1/2	
3/4	1,609.24	3/4	1,278.48	3/4	949.66	3/4	639.04	3/4	351.12	3/4	84.45	3/4		3/4		3/4		3/4	
2	1,602.35	2	1,271.58	2	942.98	2	632.83	2	345.35	2	79.15	2		2		2		2	
1/4	1,595.46	1/4	1,264.69	1/4	936.30	1/4	626.61	1/4	339.59	1/4	73.84	1/4		1/4		1/4		1/4	
1/2	1,588.57	1/2	1,257.80	1/2	929.61	1/2	620.40	1/2	333.82	1/2	68.53	1/2		1/2		1/2		1/2	
3/4	1,581.67	3/4	1,250.91	3/4	922.93	3/4	614.19	3/4	328.06	3/4	63.22	3/4		3/4		3/4		3/4	
3	1,574.78	3	1,244.02	3	916.29	3	608.03	3	322.33	3	57.95	3		3		3		3	
1/4	1,567.89	1/4	1,237.13	1/4	909.65	1/4	601.86	1/4	316.60	1/4	52.68	1/4		1/4		1/4		1/4	
1/2	1,561.00	1/2	1,230.24	1/2	903.00	1/2	595.70	1/2	310.88	1/2	47.42	1/2		1/2		1/2		1/2	
3/4	1,554.11	3/4	1,223.35	3/4	896.36	3/4	589.54	3/4	305.15	3/4	42.15	3/4		3/4		3/4		3/4	
4	1,547.22	4	1,216.46	4	889.76	4	583.42	4	299.46	4	37.49	4		4		4		4	
1/4	1,540.33	1/4	1,209.57	1/4	883.15	1/4	577.29	1/4	293.77	1/4	32.83	1/4		1/4		1/4		1/4	
1/2	1,533.44	1/2	1,202.68	1/2	876.55	1/2	571.17	1/2	288.08	1/2	28.17	1/2		1/2		1/2		1/2	
3/4	1,526.55	3/4	1,195.78	3/4	869.94	3/4	565.04	3/4	282.39	3/4	23.52	3/4		3/4		3/4		3/4	
5	1,519.66	5	1,188.89	5	863.38	5	558.96	5	276.74	5	20.19	5		5		5		5	
1/4	1,512.77	1/4	1,182.00	1/4	856.81	1/4	552.87	1/4	271.09	1/4	16.86	1/4		1/4		1/4		1/4	
1/2	1,505.87	1/2	1,175.11	1/2	850.24	1/2	546.78	1/2	265.44	1/2	13.53	1/2		1/2		1/2		1/2	
3/4	1,498.98	3/4	1,168.22	3/4	843.68	3/4	540.70	3/4	259.79	3/4	10.20	3/4		3/4		3/4		3/4	
6	1,492.09	6	1,161.33	6	837.15	6	534.65	6	254.18	6		6		6		6		6	
1/4	1,485.20	1/4	1,154.44	1/4	830.62	1/4	528.60	1/4	248.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,478.31	1/2	1,147.55	1/2	824.09	1/2	522.55	1/2	242.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,471.42	3/4	1,140.66	3/4	817.56	3/4	516.51	3/4	237.34	3/4		3/4		3/4		3/4		3/4	
7	1,464.53	7	1,133.77	7	811.07	7	510.50	7	231.76	7		7		7		7		7	
1/4	1,457.64	1/4	1,126.88	1/4	804.58	1/4	504.49	1/4	226.19	1/4		1/4		1/4		1/4		1/4	
1/2	1,450.75	1/2	1,119.98	1/2	798.09	1/2	498.48	1/2	220.61	1/2		1/2		1/2		1/2		1/2	
3/4	1,443.86	3/4	1,113.09	3/4	791.60	3/4	492.47	3/4	215.04	3/4		3/4		3/4		3/4		3/4	
8	1,436.97	8	1,106.21	8	785.15	8	486.49	8	209.50	8		8		8		8		8	
1/4	1,430.08	1/4	1,099.32	1/4	778.70	1/4	480.52	1/4	203.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,423.18	1/2	1,092.44	1/2	772.24	1/2	474.55	1/2	198.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,416.29	3/4	1,085.55	3/4	765.79	3/4	468.58	3/4	192.89	3/4		3/4		3/4		3/4		3/4	
9	1,409.40	9	1,078.68	9	759.38	9	462.65	9	187.40	9		9		9		9		9	
1/4	1,402.51	1/4	1,071.82	1/4	752.96	1/4	456.71	1/4	181.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,395.62	1/2	1,064.95	1/2	746.55	1/2	450.78	1/2	176.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,388.73	3/4	1,058.08	3/4	740.14	3/4	444.84	3/4	170.90	3/4		3/4		3/4		3/4		3/4	
10	1,381.84	10	1,051.25	10	733.76	10	438.94	10	165.44	10		10		10		10		10	
1/4	1,374.95	1/4	1,044.41	1/4	727.38	1/4	433.03	1/4	159.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,368.06	1/2	1,037.58	1/2	721.01	1/2	427.12	1/2	154.52	1/2		1/2		1/2		1/2		1/2	
3/4	1,361.17	3/4	1,030.75	3/4	714.63	3/4	421.22	3/4	149.06	3/4		3/4		3/4		3/4		3/4	
11	1,354.28	11	1,023.95	11	708.30	11	415.34	11	143.64	11		11		11		11		11	
1/4	1,347.38	1/4	1,017.16	1/4	701.96	1/4	409.46	1/4	138.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,340.49	1/2	1,010.36	1/2	695.62	1/2	403.58	1/2	132.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,333.60	3/4	1,003.56	3/4	689.28	3/4	397.70	3/4	127.37	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "TMTB 111"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	4,585.99	0	4,285.79	0	3,975.90	0	3,649.79	0	3,318.29	0	2,986.79	0	2,655.29	0	2,323.80	0	1,992.28
1/4		1/4	4,580.60	1/4	4,279.50	1/4	3,969.25	1/4	3,642.88	1/4	3,311.38	1/4	2,979.89	1/4	2,648.39	1/4	2,316.89	1/4	1,985.37
1/2		1/2	4,575.21	1/2	4,273.21	1/2	3,962.61	1/2	3,635.98	1/2	3,304.48	1/2	2,972.98	1/2	2,641.48	1/2	2,309.98	1/2	1,978.46
3/4		3/4	4,569.82	3/4	4,266.91	3/4	3,955.96	3/4	3,629.07	3/4	3,297.57	3/4	2,966.07	3/4	2,634.58	3/4	2,303.08	3/4	1,971.55
1		1	4,563.39	1	4,260.59	1	3,949.28	1	3,622.16	1	3,290.67	1	2,959.17	1	2,627.67	1	2,296.17	1	1,964.65
1/4		1/4	4,556.96	1/4	4,254.27	1/4	3,942.61	1/4	3,615.26	1/4	3,283.76	1/4	2,952.26	1/4	2,620.76	1/4	2,289.27	1/4	1,957.74
1/2		1/2	4,550.53	1/2	4,247.96	1/2	3,935.94	1/2	3,608.35	1/2	3,276.85	1/2	2,945.36	1/2	2,613.86	1/2	2,282.36	1/2	1,950.83
3/4		3/4	4,544.11	3/4	4,241.64	3/4	3,929.26	3/4	3,601.44	3/4	3,269.95	3/4	2,938.45	3/4	2,606.95	3/4	2,275.45	3/4	1,943.92
2		2	4,537.34	2	4,235.29	2	3,922.56	2	3,594.54	2	3,263.04	2	2,931.54	2	2,600.05	2	2,268.55	2	1,937.01
1/4		1/4	4,530.56	1/4	4,228.95	1/4	3,915.86	1/4	3,587.63	1/4	3,256.13	1/4	2,924.64	1/4	2,593.14	1/4	2,261.64	1/4	1,930.10
1/2		1/2	4,523.79	1/2	4,222.60	1/2	3,909.16	1/2	3,580.73	1/2	3,249.23	1/2	2,917.73	1/2	2,586.23	1/2	2,254.74	1/2	1,923.20
3/4		3/4	4,517.02	3/4	4,216.25	3/4	3,902.46	3/4	3,573.82	3/4	3,242.32	3/4	2,910.82	3/4	2,579.33	3/4	2,247.83	3/4	1,916.29
3		3	4,510.25	3	4,209.88	3	3,895.74	3	3,566.91	3	3,235.42	3	2,903.92	3	2,572.42	3	2,240.92	3	1,909.38
1/4		1/4	4,503.48	1/4	4,203.51	1/4	3,889.01	1/4	3,560.01	1/4	3,228.51	1/4	2,897.01	1/4	2,565.51	1/4	2,234.02	1/4	1,902.47
1/2		1/2	4,496.71	1/2	4,197.14	1/2	3,882.29	1/2	3,553.10	1/2	3,221.60	1/2	2,890.11	1/2	2,558.61	1/2	2,227.11	1/2	1,895.56
3/4		3/4	4,489.94	3/4	4,190.77	3/4	3,875.56	3/4	3,546.19	3/4	3,214.70	3/4	2,883.20	3/4	2,551.70	3/4	2,220.20	3/4	1,888.65
4		4	4,483.55	4	4,184.37	4	3,868.81	4	3,539.29	4	3,207.79	4	2,876.29	4	2,544.80	4	2,213.30	4	1,881.74
1/4		1/4	4,477.17	1/4	4,177.97	1/4	3,862.06	1/4	3,532.38	1/4	3,200.88	1/4	2,869.39	1/4	2,537.89	1/4	2,206.39	1/4	1,874.84
1/2		1/2	4,470.78	1/2	4,171.58	1/2	3,855.30	1/2	3,525.48	1/2	3,193.98	1/2	2,862.48	1/2	2,530.98	1/2	2,199.49	1/2	1,867.93
3/4		3/4	4,464.39	3/4	4,165.18	3/4	3,848.55	3/4	3,518.57	3/4	3,187.07	3/4	2,855.57	3/4	2,524.08	3/4	2,192.58	3/4	1,861.02
5		5	4,458.38	5	4,158.75	5	3,841.77	5	3,511.66	5	3,180.17	5	2,848.67	5	2,517.17	5	2,185.67	5	1,854.11
1/4		1/4	4,452.37	1/4	4,152.33	1/4	3,835.00	1/4	3,504.76	1/4	3,173.26	1/4	2,841.76	1/4	2,510.26	1/4	2,178.77	1/4	1,847.20
1/2		1/2	4,446.35	1/2	4,145.91	1/2	3,828.22	1/2	3,497.85	1/2	3,166.35	1/2	2,834.86	1/2	2,503.36	1/2	2,171.86	1/2	1,840.29
3/4		3/4	4,440.34	3/4	4,139.48	3/4	3,821.44	3/4	3,490.94	3/4	3,159.45	3/4	2,827.95	3/4	2,496.45	3/4	2,164.95	3/4	1,833.38
6		6	4,434.30	6	4,133.03	6	3,814.63	6	3,484.04	6	3,152.54	6	2,821.04	6	2,489.55	6	2,158.05	6	1,826.48
1/4		1/4	4,428.26	1/4	4,126.58	1/4	3,807.83	1/4	3,477.13	1/4	3,145.63	1/4	2,814.14	1/4	2,482.64	1/4	2,151.14	1/4	1,819.57
1/2		1/2	4,422.22	1/2	4,120.13	1/2	3,801.02	1/2	3,470.23	1/2	3,138.73	1/2	2,807.23	1/2	2,475.73	1/2	2,144.24	1/2	1,812.66
3/4		3/4	4,416.18	3/4	4,113.68	3/4	3,794.22	3/4	3,463.32	3/4	3,131.82	3/4	2,800.32	3/4	2,468.83	3/4	2,137.33	3/4	1,805.75
7		7	4,410.06	7	4,107.21	7	3,787.39	7	3,456.41	7	3,124.92	7	2,793.42	7	2,461.92	7	2,130.42	7	1,798.84
1/4		1/4	4,403.95	1/4	4,100.73	1/4	3,780.56	1/4	3,449.51	1/4	3,118.01	1/4	2,786.51	1/4	2,455.01	1/4	2,123.52	1/4	1,791.93
1/2		1/2	4,397.83	1/2	4,094.25	1/2	3,773.73	1/2	3,442.60	1/2	3,111.10	1/2	2,779.61	1/2	2,448.11	1/2	2,116.61	1/2	1,785.03
3/4		3/4	4,391.72	3/4	4,087.78	3/4	3,766.90	3/4	3,435.70	3/4	3,104.20	3/4	2,772.70	3/4	2,441.20	3/4	2,109.70	3/4	1,778.12
8		8	4,385.53	8	4,081.25	8	3,760.04	8	3,428.79	8	3,097.29	8	2,765.79	8	2,434.30	8	2,102.80	8	1,771.21
1/4		1/4	4,379.34	1/4	4,074.73	1/4	3,753.18	1/4	3,421.88	1/4	3,090.39	1/4	2,758.89	1/4	2,427.39	1/4	2,095.89	1/4	1,764.30
1/2		1/2	4,373.16	1/2	4,068.21	1/2	3,746.32	1/2	3,414.98	1/2	3,083.48	1/2	2,751.98	1/2	2,420.48	1/2	2,088.99	1/2	1,757.39
3/4		3/4	4,366.97	3/4	4,061.69	3/4	3,739.47	3/4	3,408.07	3/4	3,076.57	3/4	2,745.08	3/4	2,413.58	3/4	2,082.08	3/4	1,750.48
9		9	4,360.75	9	4,055.12	9	3,732.58	9	3,401.16	9	3,069.67	9	2,738.17	9	2,406.67	9	2,075.17	9	1,743.57
1/4		1/4	4,354.54	1/4	4,048.55	1/4	3,725.70	1/4	3,394.26	1/4	3,062.76	1/4	2,731.26	1/4	2,399.77	1/4	2,068.27	1/4	1,736.67
1/2		1/2	4,348.33	1/2	4,041.98	1/2	3,718.82	1/2	3,387.35	1/2	3,055.85	1/2	2,724.36	1/2	2,392.86	1/2	2,061.36	1/2	1,729.76
3/4		3/4	4,342.11	3/4	4,035.41	3/4	3,711.93	3/4	3,380.45	3/4	3,048.95	3/4	2,717.45	3/4	2,385.95	3/4	2,054.46	3/4	1,722.85
10		10	4,335.87	10	4,028.82	10	3,705.03	10	3,373.54	10	3,042.04	10	2,710.54	10	2,379.05	10	2,047.55	10	1,715.94
1/4		1/4	4,329.63	1/4	4,022.22	1/4	3,698.13	1/4	3,366.63	1/4	3,035.14	1/4	2,703.64	1/4	2,372.14	1/4	2,040.64	1/4	1,709.03
1/2		1/2	4,323.39	1/2	4,015.63	1/2	3,691.22	1/2	3,359.73	1/2	3,028.23	1/2	2,696.73	1/2	2,365.23	1/2	2,033.73	1/2	1,702.12
3/4		3/4	4,317.15	3/4	4,009.03	3/4	3,684.32	3/4	3,352.82	3/4	3,021.32	3/4	2,689.83	3/4	2,358.33	3/4	2,026.82	3/4	1,695.21
11		11	4,310.88	11	4,002.41	11	3,677.41	11	3,345.91	11	3,014.42	11	2,682.92	11	2,351.42	11	2,019.91	11	1,688.31
1/4		1/4	4,304.62	1/4	3,995.79	1/4	3,670.51	1/4	3,339.01	1/4	3,007.51	1/4	2,676.01	1/4	2,344.52	1/4	2,013.01	1/4	1,681.40
1/2		1/2	4,298.35	1/2	3,989.17	1/2	3,663.60	1/2	3,332.10	1/2	3,000.60	1/2	2,669.11	1/2	2,337.61	1/2	2,006.10	1/2	1,674.49
3/4	4,591.38	3/4	4,292.08	3/4	3,982.55	3/4	3,656.69	3/4	3,325.20	3/4	2,993.70	3/4	2,662.20	3/4	2,330.70	3/4	1,999.19	3/4	1,667.58

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "TMTB 111"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 3/4"

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	1,660.67	0	1,329.06	0	998.32	0	683.84	0	392.95	0	122.33	0		0		0		0	
1/4	1,653.76	1/4	1,322.16	1/4	991.54	1/4	677.55	1/4	387.09	1/4	116.94	1/4		1/4		1/4		1/4	
1/2	1,646.86	1/2	1,315.25	1/2	984.77	1/2	671.26	1/2	381.23	1/2	111.54	1/2		1/2		1/2		1/2	
3/4	1,639.95	3/4	1,308.34	3/4	977.99	3/4	664.97	3/4	375.38	3/4	106.14	3/4		3/4		3/4		3/4	
1	1,633.04	1	1,301.43	1	971.25	1	658.72	1	369.56	1	100.78	1		1		1		1	
1/4	1,626.13	1/4	1,294.52	1/4	964.52	1/4	652.46	1/4	363.74	1/4	95.42	1/4		1/4		1/4		1/4	
1/2	1,619.22	1/2	1,287.61	1/2	957.78	1/2	646.21	1/2	357.92	1/2	90.05	1/2		1/2		1/2		1/2	
3/4	1,612.31	3/4	1,280.70	3/4	951.04	3/4	639.96	3/4	352.10	3/4	84.69	3/4		3/4		3/4		3/4	
2	1,605.40	2	1,273.80	2	944.35	2	633.75	2	346.32	2	79.37	2		2		2		2	
1/4	1,598.50	1/4	1,266.89	1/4	937.65	1/4	627.55	1/4	340.54	1/4	74.05	1/4		1/4		1/4		1/4	
1/2	1,591.59	1/2	1,259.98	1/2	930.95	1/2	621.35	1/2	334.76	1/2	68.73	1/2		1/2		1/2		1/2	
3/4	1,584.68	3/4	1,253.07	3/4	924.25	3/4	615.14	3/4	328.98	3/4	63.40	3/4		3/4		3/4		3/4	
3	1,577.77	3	1,246.16	3	917.59	3	608.99	3	323.23	3	58.12	3		3		3		3	
1/4	1,570.86	1/4	1,239.25	1/4	910.93	1/4	602.83	1/4	317.49	1/4	52.83	1/4		1/4		1/4		1/4	
1/2	1,563.95	1/2	1,232.35	1/2	904.27	1/2	596.68	1/2	311.75	1/2	47.55	1/2		1/2		1/2		1/2	
3/4	1,557.04	3/4	1,225.44	3/4	897.61	3/4	590.52	3/4	306.00	3/4	42.27	3/4		3/4		3/4		3/4	
4	1,550.14	4	1,218.53	4	890.99	4	584.41	4	300.30	4	37.60	4		4		4		4	
1/4	1,543.23	1/4	1,211.62	1/4	884.37	1/4	578.29	1/4	294.59	1/4	32.92	1/4		1/4		1/4		1/4	
1/2	1,536.32	1/2	1,204.71	1/2	877.74	1/2	572.18	1/2	288.89	1/2	28.25	1/2		1/2		1/2		1/2	
3/4	1,529.41	3/4	1,197.80	3/4	871.12	3/4	566.06	3/4	283.19	3/4	23.58	3/4		3/4		3/4		3/4	
5	1,522.50	5	1,190.89	5	864.54	5	559.98	5	277.52	5	20.24	5		5		5		5	
1/4	1,515.59	1/4	1,183.99	1/4	857.96	1/4	553.90	1/4	271.85	1/4	16.90	1/4		1/4		1/4		1/4	
1/2	1,508.69	1/2	1,177.08	1/2	851.37	1/2	547.83	1/2	266.19	1/2	13.56	1/2		1/2		1/2		1/2	
3/4	1,501.78	3/4	1,170.17	3/4	844.79	3/4	541.75	3/4	260.52	3/4	10.22	3/4		3/4		3/4		3/4	
6	1,494.87	6	1,163.26	6	838.24	6	535.71	6	254.89	6		6		6		6		6	
1/4	1,487.96	1/4	1,156.35	1/4	831.70	1/4	529.67	1/4	249.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,481.05	1/2	1,149.44	1/2	825.15	1/2	523.63	1/2	243.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,474.14	3/4	1,142.53	3/4	818.61	3/4	517.59	3/4	238.01	3/4		3/4		3/4		3/4		3/4	
7	1,467.23	7	1,135.63	7	812.10	7	511.59	7	232.42	7		7		7		7		7	
1/4	1,460.33	1/4	1,128.72	1/4	805.59	1/4	505.59	1/4	226.83	1/4		1/4		1/4		1/4		1/4	
1/2	1,453.42	1/2	1,121.81	1/2	799.08	1/2	499.59	1/2	221.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,446.51	3/4	1,114.90	3/4	792.58	3/4	493.58	3/4	215.65	3/4		3/4		3/4		3/4		3/4	
8	1,439.60	8	1,108.00	8	786.11	8	487.62	8	210.09	8		8		8		8		8	
1/4	1,432.69	1/4	1,101.09	1/4	779.64	1/4	481.66	1/4	204.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,425.78	1/2	1,094.19	1/2	773.17	1/2	475.70	1/2	198.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,418.87	3/4	1,087.29	3/4	766.70	3/4	469.73	3/4	193.44	3/4		3/4		3/4		3/4		3/4	
9	1,411.97	9	1,080.40	9	760.27	9	463.81	9	187.92	9		9		9		9		9	
1/4	1,405.06	1/4	1,073.52	1/4	753.84	1/4	457.88	1/4	182.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,398.15	1/2	1,066.63	1/2	747.41	1/2	451.96	1/2	176.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,391.24	3/4	1,059.75	3/4	740.98	3/4	446.03	3/4	171.38	3/4		3/4		3/4		3/4		3/4	
10	1,384.33	10	1,052.90	10	734.60	10	440.12	10	165.91	10		10		10		10		10	
1/4	1,377.42	1/4	1,046.04	1/4	728.22	1/4	434.21	1/4	160.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,370.52	1/2	1,039.19	1/2	721.84	1/2	428.30	1/2	154.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,363.61	3/4	1,032.34	3/4	715.45	3/4	422.39	3/4	149.48	3/4		3/4		3/4		3/4		3/4	
11	1,356.70	11	1,025.53	11	709.13	11	416.49	11	144.05	11		11		11		11		11	
1/4	1,349.79	1/4	1,018.72	1/4	702.80	1/4	410.60	1/4	138.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,342.88	1/2	1,011.90	1/2	696.47	1/2	404.70	1/2	133.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,335.97	3/4	1,005.09	3/4	690.14	3/4	398.81	3/4	127.73	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

2 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	5,547.54	0	5,194.16	0	4,830.64	0	4,448.46	0	4,060.27	0	3,672.07	0	3,283.88	0	2,895.68	0	2,507.47
1/4		1/4	5,541.20	1/4	5,186.78	1/4	4,822.85	1/4	4,440.37	1/4	4,052.18	1/4	3,663.98	1/4	3,275.79	1/4	2,887.59	1/4	2,499.38
1/2		1/2	5,534.86	1/2	5,179.40	1/2	4,815.07	1/2	4,432.29	1/2	4,044.09	1/2	3,655.90	1/2	3,267.70	1/2	2,879.51	1/2	2,491.29
3/4		3/4	5,527.31	3/4	5,172.00	3/4	4,807.25	3/4	4,424.20	3/4	4,036.00	3/4	3,647.81	3/4	3,259.61	3/4	2,871.42	3/4	2,483.20
1		1	5,519.76	1	5,164.59	1	4,799.44	1	4,416.11	1	4,027.92	1	3,639.72	1	3,251.53	1	2,863.33	1	2,475.11
1/4		1/4	5,512.21	1/4	5,157.18	1/4	4,791.62	1/4	4,408.02	1/4	4,019.83	1/4	3,631.63	1/4	3,243.44	1/4	2,855.24	1/4	2,467.02
1/2		1/2	5,504.66	1/2	5,149.78	1/2	4,783.81	1/2	4,399.94	1/2	4,011.74	1/2	3,623.55	1/2	3,235.35	1/2	2,847.16	1/2	2,458.93
3/4		3/4	5,496.71	3/4	5,142.34	3/4	4,775.96	3/4	4,391.85	3/4	4,003.65	3/4	3,615.46	3/4	3,227.26	3/4	2,839.07	3/4	2,450.84
2		2	5,488.76	2	5,134.90	2	4,768.12	2	4,383.76	2	3,995.57	2	3,607.37	2	3,219.18	2	2,830.98	2	2,442.75
1/4		1/4	5,480.81	1/4	5,127.47	1/4	4,760.27	1/4	4,375.67	1/4	3,987.48	1/4	3,599.28	1/4	3,211.09	1/4	2,822.89	1/4	2,434.66
1/2		1/2	5,472.85	1/2	5,120.03	1/2	4,752.43	1/2	4,367.59	1/2	3,979.39	1/2	3,591.20	1/2	3,203.00	1/2	2,814.81	1/2	2,426.57
3/4		3/4	5,464.90	3/4	5,112.56	3/4	4,744.55	3/4	4,359.50	3/4	3,971.30	3/4	3,583.11	3/4	3,194.91	3/4	2,806.72	3/4	2,418.48
3		3	5,456.95	3	5,105.09	3	4,736.67	3	4,351.41	3	3,963.22	3	3,575.02	3	3,186.83	3	2,798.63	3	2,410.40
1/4		1/4	5,449.00	1/4	5,097.63	1/4	4,728.80	1/4	4,343.32	1/4	3,955.13	1/4	3,566.93	1/4	3,178.74	1/4	2,790.54	1/4	2,402.31
1/2		1/2	5,441.04	1/2	5,090.16	1/2	4,720.92	1/2	4,335.24	1/2	3,947.04	1/2	3,558.85	1/2	3,170.65	1/2	2,782.46	1/2	2,394.22
3/4		3/4	5,433.54	3/4	5,082.66	3/4	4,713.01	3/4	4,327.15	3/4	3,938.95	3/4	3,550.76	3/4	3,162.56	3/4	2,774.37	3/4	2,386.13
4		4	5,426.04	4	5,075.16	4	4,705.11	4	4,319.06	4	3,930.87	4	3,542.67	4	3,154.48	4	2,766.28	4	2,378.04
1/4		1/4	5,418.54	1/4	5,067.66	1/4	4,697.20	1/4	4,310.97	1/4	3,922.78	1/4	3,534.58	1/4	3,146.39	1/4	2,758.19	1/4	2,369.95
1/2		1/2	5,411.04	1/2	5,060.16	1/2	4,689.29	1/2	4,302.89	1/2	3,914.69	1/2	3,526.50	1/2	3,138.30	1/2	2,750.11	1/2	2,361.86
3/4		3/4	5,403.97	3/4	5,052.63	3/4	4,681.36	3/4	4,294.80	3/4	3,906.60	3/4	3,518.41	3/4	3,130.21	3/4	2,742.02	3/4	2,353.77
5		5	5,396.91	5	5,045.10	5	4,673.42	5	4,286.71	5	3,898.52	5	3,510.32	5	3,122.13	5	2,733.93	5	2,345.68
1/4		1/4	5,389.84	1/4	5,037.58	1/4	4,665.48	1/4	4,278.63	1/4	3,890.43	1/4	3,502.23	1/4	3,114.04	1/4	2,725.84	1/4	2,337.59
1/2		1/2	5,382.78	1/2	5,030.05	1/2	4,657.54	1/2	4,270.54	1/2	3,882.34	1/2	3,494.15	1/2	3,105.95	1/2	2,717.76	1/2	2,329.50
3/4		3/4	5,375.68	3/4	5,022.49	3/4	4,649.57	3/4	4,262.45	3/4	3,874.26	3/4	3,486.06	3/4	3,097.86	3/4	2,709.67	3/4	2,321.41
6		6	5,368.58	6	5,014.93	6	4,641.61	6	4,254.36	6	3,866.17	6	3,477.97	6	3,089.78	6	2,701.58	6	2,313.32
1/4		1/4	5,361.49	1/4	5,007.37	1/4	4,633.64	1/4	4,246.28	1/4	3,858.08	1/4	3,469.89	1/4	3,081.69	1/4	2,693.49	1/4	2,305.23
1/2		1/2	5,354.39	1/2	4,999.81	1/2	4,625.67	1/2	4,238.19	1/2	3,849.99	1/2	3,461.80	1/2	3,073.60	1/2	2,685.41	1/2	2,297.14
3/4		3/4	5,347.22	3/4	4,992.22	3/4	4,617.67	3/4	4,230.10	3/4	3,841.91	3/4	3,453.71	3/4	3,065.52	3/4	2,677.32	3/4	2,289.05
7		7	5,340.04	7	4,984.62	7	4,609.67	7	4,222.01	7	3,833.82	7	3,445.62	7	3,057.43	7	2,669.23	7	2,280.96
1/4		1/4	5,332.87	1/4	4,977.03	1/4	4,601.67	1/4	4,213.93	1/4	3,825.73	1/4	3,437.54	1/4	3,049.34	1/4	2,661.15	1/4	2,272.87
1/2		1/2	5,325.69	1/2	4,969.44	1/2	4,593.67	1/2	4,205.84	1/2	3,817.64	1/2	3,429.45	1/2	3,041.25	1/2	2,653.06	1/2	2,264.78
3/4		3/4	5,318.44	3/4	4,961.80	3/4	4,585.64	3/4	4,197.75	3/4	3,809.56	3/4	3,421.36	3/4	3,033.17	3/4	2,644.97	3/4	2,256.69
8		8	5,311.19	8	4,954.16	8	4,577.61	8	4,189.66	8	3,801.47	8	3,413.27	8	3,025.08	8	2,636.88	8	2,248.60
1/4		1/4	5,303.93	1/4	4,946.52	1/4	4,569.58	1/4	4,181.58	1/4	3,793.38	1/4	3,405.19	1/4	3,016.99	1/4	2,628.80	1/4	2,240.51
1/2		1/2	5,296.68	1/2	4,938.88	1/2	4,561.55	1/2	4,173.49	1/2	3,785.29	1/2	3,397.10	1/2	3,008.90	1/2	2,620.71	1/2	2,232.42
3/4		3/4	5,289.40	3/4	4,931.19	3/4	4,553.49	3/4	4,165.40	3/4	3,777.21	3/4	3,389.01	3/4	3,000.82	3/4	2,612.62	3/4	2,224.33
9		9	5,282.11	9	4,923.49	9	4,545.43	9	4,157.31	9	3,769.12	9	3,380.92	9	2,992.73	9	2,604.53	9	2,216.24
1/4		1/4	5,274.83	1/4	4,915.80	1/4	4,537.37	1/4	4,149.23	1/4	3,761.03	1/4	3,372.84	1/4	2,984.64	1/4	2,596.45	1/4	2,208.15
1/2		1/2	5,267.55	1/2	4,908.11	1/2	4,529.31	1/2	4,141.14	1/2	3,752.94	1/2	3,364.75	1/2	2,976.55	1/2	2,588.36	1/2	2,200.06
3/4		3/4	5,260.23	3/4	4,900.39	3/4	4,521.23	3/4	4,133.05	3/4	3,744.86	3/4	3,356.66	3/4	2,968.47	3/4	2,580.27	3/4	2,191.97
10		10	5,252.92	10	4,892.66	10	4,513.15	10	4,124.96	10	3,736.77	10	3,348.57	10	2,960.38	10	2,572.18	10	2,183.88
1/4		1/4	5,245.60	1/4	4,884.94	1/4	4,505.07	1/4	4,116.88	1/4	3,728.68	1/4	3,340.49	1/4	2,952.29	1/4	2,564.10	1/4	2,175.79
1/2		1/2	5,238.29	1/2	4,877.22	1/2	4,496.99	1/2	4,108.79	1/2	3,720.59	1/2	3,332.40	1/2	2,944.20	1/2	2,556.01	1/2	2,167.70
3/4		3/4	5,230.94	3/4	4,869.47	3/4	4,488.90	3/4	4,100.70	3/4	3,712.51	3/4	3,324.31	3/4	2,936.12	3/4	2,547.92	3/4	2,159.61
11		11	5,223.60	11	4,861.71	11	4,480.81	11	4,092.62	11	3,704.42	11	3,316.22	11	2,928.03	11	2,539.83	11	2,151.52
1/4		1/4	5,216.25	1/4	4,853.96	1/4	4,472.72	1/4	4,084.53	1/4	3,696.33	1/4	3,308.14	1/4	2,919.94	1/4	2,531.74	1/4	2,143.44
1/2	5,560.21	1/2	5,208.91	1/2	4,846.20	1/2	4,464.64	1/2	4,076.44	1/2	3,688.25	1/2	3,300.05	1/2	2,911.85	1/2	2,523.65	1/2	2,135.35
3/4	5,553.87	3/4	5,201.53	3/4	4,838.42	3/4	4,456.55	3/4	4,068.35	3/4	3,680.16	3/4	3,291.96	3/4	2,903.77	3/4	2,515.56	3/4	2,127.26

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 50'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "TMTB 111"

2 PORT
ULLAGE TABLE
HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,119.17	0	1,730.86	0	1,342.55	0	954.25	0	566.67	0	178.38	0		0		0		0	
1/4	2,111.08	1/4	1,722.77	1/4	1,334.47	1/4	946.16	1/4	558.59	1/4	170.29	1/4		1/4		1/4		1/4	
1/2	2,102.99	1/2	1,714.68	1/2	1,326.38	1/2	938.07	1/2	550.50	1/2	162.20	1/2		1/2		1/2		1/2	
3/4	2,094.90	3/4	1,706.59	3/4	1,318.29	3/4	929.98	3/4	542.41	3/4	154.11	3/4		3/4		3/4		3/4	
1	2,086.81	1	1,698.50	1	1,310.20	1	921.89	1	534.32	1	146.02	1		1		1		1	
1/4	2,078.72	1/4	1,690.41	1/4	1,302.11	1/4	913.80	1/4	526.23	1/4	137.93	1/4		1/4		1/4		1/4	
1/2	2,070.63	1/2	1,682.32	1/2	1,294.02	1/2	905.71	1/2	518.14	1/2	129.84	1/2		1/2		1/2		1/2	
3/4	2,062.54	3/4	1,674.23	3/4	1,285.93	3/4	897.63	3/4	510.05	3/4	121.75	3/4		3/4		3/4		3/4	
2	2,054.45	2	1,666.14	2	1,277.84	2	889.55	2	501.96	2	113.66	2		2		2		2	
1/4	2,046.36	1/4	1,658.05	1/4	1,269.75	1/4	881.48	1/4	493.87	1/4	105.57	1/4		1/4		1/4		1/4	
1/2	2,038.27	1/2	1,649.96	1/2	1,261.66	1/2	873.40	1/2	485.78	1/2	97.48	1/2		1/2		1/2		1/2	
3/4	2,030.18	3/4	1,641.87	3/4	1,253.57	3/4	865.33	3/4	477.69	3/4	89.39	3/4		3/4		3/4		3/4	
3	2,022.09	3	1,633.78	3	1,245.48	3	857.26	3	469.60	3	81.30	3		3		3		3	
1/4	2,014.00	1/4	1,625.69	1/4	1,237.39	1/4	849.20	1/4	461.51	1/4	73.22	1/4		1/4		1/4		1/4	
1/2	2,005.91	1/2	1,617.60	1/2	1,229.30	1/2	841.13	1/2	453.42	1/2	65.13	1/2		1/2		1/2		1/2	
3/4	1,997.82	3/4	1,609.51	3/4	1,221.21	3/4	833.06	3/4	445.33	3/4	57.71	3/4		3/4		3/4		3/4	
4	1,989.73	4	1,601.43	4	1,213.12	4	825.00	4	437.24	4	50.30	4		4		4		4	
1/4	1,981.64	1/4	1,593.34	1/4	1,205.03	1/4	816.93	1/4	429.15	1/4	42.88	1/4		1/4		1/4		1/4	
1/2	1,973.55	1/2	1,585.25	1/2	1,196.94	1/2	808.86	1/2	421.06	1/2	35.47	1/2		1/2		1/2		1/2	
3/4	1,965.46	3/4	1,577.16	3/4	1,188.85	3/4	800.79	3/4	412.97	3/4	30.07	3/4		3/4		3/4		3/4	
5	1,957.37	5	1,569.07	5	1,180.76	5	792.73	5	404.88	5	24.68	5		5		5		5	
1/4	1,949.28	1/4	1,560.98	1/4	1,172.67	1/4	784.66	1/4	396.80	1/4	19.29	1/4		1/4		1/4		1/4	
1/2	1,941.19	1/2	1,552.89	1/2	1,164.58	1/2	776.59	1/2	388.71	1/2	13.89	1/2		1/2		1/2		1/2	
3/4	1,933.10	3/4	1,544.80	3/4	1,156.49	3/4	768.53	3/4	380.62	3/4		3/4		3/4		3/4		3/4	
6	1,925.01	6	1,536.71	6	1,148.40	6	760.46	6	372.53	6		6		6		6		6	
1/4	1,916.92	1/4	1,528.62	1/4	1,140.31	1/4	752.39	1/4	364.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,908.83	1/2	1,520.53	1/2	1,132.22	1/2	744.33	1/2	356.35	1/2		1/2		1/2		1/2		1/2	
3/4	1,900.74	3/4	1,512.44	3/4	1,124.13	3/4	736.26	3/4	348.26	3/4		3/4		3/4		3/4		3/4	
7	1,892.65	7	1,504.35	7	1,116.04	7	728.19	7	340.17	7		7		7		7		7	
1/4	1,884.56	1/4	1,496.26	1/4	1,107.95	1/4	720.12	1/4	332.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,876.48	1/2	1,488.17	1/2	1,099.86	1/2	712.06	1/2	323.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,868.39	3/4	1,480.08	3/4	1,091.77	3/4	703.99	3/4	315.90	3/4		3/4		3/4		3/4		3/4	
8	1,860.30	8	1,471.99	8	1,083.68	8	695.92	8	307.81	8		8		8		8		8	
1/4	1,852.21	1/4	1,463.90	1/4	1,075.59	1/4	687.86	1/4	299.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,844.12	1/2	1,455.81	1/2	1,067.51	1/2	679.79	1/2	291.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,836.03	3/4	1,447.72	3/4	1,059.42	3/4	671.72	3/4	283.54	3/4		3/4		3/4		3/4		3/4	
9	1,827.94	9	1,439.63	9	1,051.33	9	663.66	9	275.45	9		9		9		9		9	
1/4	1,819.85	1/4	1,431.54	1/4	1,043.24	1/4	655.59	1/4	267.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,811.76	1/2	1,423.45	1/2	1,035.15	1/2	647.52	1/2	259.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,803.67	3/4	1,415.36	3/4	1,027.06	3/4	639.44	3/4	251.18	3/4		3/4		3/4		3/4		3/4	
10	1,795.58	10	1,407.27	10	1,018.97	10	631.37	10	243.09	10		10		10		10		10	
1/4	1,787.49	1/4	1,399.18	1/4	1,010.88	1/4	623.29	1/4	235.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,779.40	1/2	1,391.09	1/2	1,002.79	1/2	615.21	1/2	226.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,771.31	3/4	1,383.00	3/4	994.70	3/4	607.12	3/4	218.83	3/4		3/4		3/4		3/4		3/4	
11	1,763.22	11	1,374.91	11	986.61	11	599.03	11	210.74	11		11		11		11		11	
1/4	1,755.13	1/4	1,366.82	1/4	978.52	1/4	590.94	1/4	202.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,747.04	1/2	1,358.73	1/2	970.43	1/2	582.85	1/2	194.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,738.95	3/4	1,350.64	3/4	962.34	3/4	574.76	3/4	186.47	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "TMTB 111"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	5,535.47	0	5,184.75	0	4,822.65	0	4,441.74	0	4,054.24	0	3,666.74	0	3,279.23	0	2,891.73	0	2,504.21
1/4		1/4	5,529.15	1/4	5,177.39	1/4	4,814.88	1/4	4,433.67	1/4	4,046.17	1/4	3,658.66	1/4	3,271.16	1/4	2,883.66	1/4	2,496.14
1/2		1/2	5,522.82	1/2	5,170.02	1/2	4,807.11	1/2	4,425.60	1/2	4,038.09	1/2	3,650.59	1/2	3,263.09	1/2	2,875.58	1/2	2,488.06
3/4		3/4	5,516.49	3/4	5,162.66	3/4	4,799.34	3/4	4,417.53	3/4	4,030.02	3/4	3,642.52	3/4	3,255.01	3/4	2,867.51	3/4	2,479.99
1		1	5,510.17	1	5,155.30	1	4,791.57	1	4,409.45	1	4,021.95	1	3,634.44	1	3,246.94	1	2,859.44	1	2,471.91
1/4		1/4	5,502.63	1/4	5,147.90	1/4	4,783.77	1/4	4,401.38	1/4	4,013.88	1/4	3,626.37	1/4	3,238.87	1/4	2,851.36	1/4	2,463.84
1/2		1/2	5,495.10	1/2	5,140.51	1/2	4,775.96	1/2	4,393.31	1/2	4,005.80	1/2	3,618.30	1/2	3,230.79	1/2	2,843.29	1/2	2,455.76
3/4		3/4	5,487.56	3/4	5,133.11	3/4	4,768.16	3/4	4,385.23	3/4	3,997.73	3/4	3,610.23	3/4	3,222.72	3/4	2,835.22	3/4	2,447.69
2		2	5,480.02	2	5,125.72	2	4,760.36	2	4,377.16	2	3,989.66	2	3,602.15	2	3,214.65	2	2,827.14	2	2,439.61
1/4		1/4	5,472.09	1/4	5,118.29	1/4	4,752.53	1/4	4,369.09	1/4	3,981.58	1/4	3,594.08	1/4	3,206.58	1/4	2,819.07	1/4	2,431.54
1/2		1/2	5,464.15	1/2	5,110.87	1/2	4,744.70	1/2	4,361.01	1/2	3,973.51	1/2	3,586.01	1/2	3,198.50	1/2	2,811.00	1/2	2,423.46
3/4		3/4	5,456.21	3/4	5,103.44	3/4	4,736.87	3/4	4,352.94	3/4	3,965.44	3/4	3,577.93	3/4	3,190.43	3/4	2,802.93	3/4	2,415.39
3		3	5,448.27	3	5,096.02	3	4,729.03	3	4,344.87	3	3,957.36	3	3,569.86	3	3,182.36	3	2,794.85	3	2,407.31
1/4		1/4	5,440.33	1/4	5,088.56	1/4	4,721.17	1/4	4,336.80	1/4	3,949.29	1/4	3,561.79	1/4	3,174.28	1/4	2,786.78	1/4	2,399.23
1/2		1/2	5,432.39	1/2	5,081.11	1/2	4,713.31	1/2	4,328.72	1/2	3,941.22	1/2	3,553.71	1/2	3,166.21	1/2	2,778.71	1/2	2,391.16
3/4		3/4	5,424.46	3/4	5,073.65	3/4	4,705.45	3/4	4,320.65	3/4	3,933.15	3/4	3,545.64	3/4	3,158.14	3/4	2,770.63	3/4	2,383.08
4		4	5,416.52	4	5,066.19	4	4,697.58	4	4,312.58	4	3,925.07	4	3,537.57	4	3,150.06	4	2,762.56	4	2,375.01
1/4		1/4	5,409.03	1/4	5,058.71	1/4	4,689.69	1/4	4,304.50	1/4	3,917.00	1/4	3,529.50	1/4	3,141.99	1/4	2,754.49	1/4	2,366.93
1/2		1/2	5,401.54	1/2	5,051.22	1/2	4,681.80	1/2	4,296.43	1/2	3,908.93	1/2	3,521.42	1/2	3,133.92	1/2	2,746.41	1/2	2,358.86
3/4		3/4	5,394.05	3/4	5,043.74	3/4	4,673.90	3/4	4,288.36	3/4	3,900.85	3/4	3,513.35	3/4	3,125.85	3/4	2,738.34	3/4	2,350.78
5		5	5,386.56	5	5,036.25	5	4,666.01	5	4,280.28	5	3,892.78	5	3,505.28	5	3,117.77	5	2,730.27	5	2,342.71
1/4		1/4	5,379.51	1/4	5,028.73	1/4	4,658.09	1/4	4,272.21	1/4	3,884.71	1/4	3,497.20	1/4	3,109.70	1/4	2,722.20	1/4	2,334.63
1/2		1/2	5,372.45	1/2	5,021.22	1/2	4,650.16	1/2	4,264.14	1/2	3,876.63	1/2	3,489.13	1/2	3,101.63	1/2	2,714.12	1/2	2,326.56
3/4		3/4	5,365.40	3/4	5,013.70	3/4	4,642.24	3/4	4,256.07	3/4	3,868.56	3/4	3,481.06	3/4	3,093.55	3/4	2,706.05	3/4	2,318.48
6		6	5,358.34	6	5,006.18	6	4,634.31	6	4,247.99	6	3,860.49	6	3,472.98	6	3,085.48	6	2,697.98	6	2,310.41
1/4		1/4	5,351.26	1/4	4,998.63	1/4	4,626.36	1/4	4,239.92	1/4	3,852.42	1/4	3,464.91	1/4	3,077.41	1/4	2,689.90	1/4	2,302.33
1/2		1/2	5,344.17	1/2	4,991.09	1/2	4,618.41	1/2	4,231.85	1/2	3,844.34	1/2	3,456.84	1/2	3,069.33	1/2	2,681.83	1/2	2,294.25
3/4		3/4	5,337.09	3/4	4,983.54	3/4	4,610.45	3/4	4,223.77	3/4	3,836.27	3/4	3,448.77	3/4	3,061.26	3/4	2,673.76	3/4	2,286.18
7		7	5,330.00	7	4,975.99	7	4,602.50	7	4,215.70	7	3,828.20	7	3,440.69	7	3,053.19	7	2,665.68	7	2,278.10
1/4		1/4	5,322.84	1/4	4,968.41	1/4	4,594.51	1/4	4,207.63	1/4	3,820.12	1/4	3,432.62	1/4	3,045.12	1/4	2,657.61	1/4	2,270.03
1/2		1/2	5,315.67	1/2	4,960.84	1/2	4,586.53	1/2	4,199.55	1/2	3,812.05	1/2	3,424.55	1/2	3,037.04	1/2	2,649.54	1/2	2,261.95
3/4		3/4	5,308.51	3/4	4,953.26	3/4	4,578.54	3/4	4,191.48	3/4	3,803.98	3/4	3,416.47	3/4	3,028.97	3/4	2,641.47	3/4	2,253.88
8		8	5,301.35	8	4,945.68	8	4,570.56	8	4,183.41	8	3,795.90	8	3,408.40	8	3,020.90	8	2,633.39	8	2,245.80
1/4		1/4	5,294.11	1/4	4,938.05	1/4	4,562.54	1/4	4,175.34	1/4	3,787.83	1/4	3,400.33	1/4	3,012.82	1/4	2,625.32	1/4	2,237.73
1/2		1/2	5,286.86	1/2	4,930.42	1/2	4,554.53	1/2	4,167.26	1/2	3,779.76	1/2	3,392.25	1/2	3,004.75	1/2	2,617.25	1/2	2,229.65
3/4		3/4	5,279.62	3/4	4,922.79	3/4	4,546.51	3/4	4,159.19	3/4	3,771.69	3/4	3,384.18	3/4	2,996.68	3/4	2,609.17	3/4	2,221.58
9		9	5,272.38	9	4,915.17	9	4,538.49	9	4,151.12	9	3,763.61	9	3,376.11	9	2,988.60	9	2,601.10	9	2,213.50
1/4		1/4	5,265.11	1/4	4,907.49	1/4	4,530.45	1/4	4,143.04	1/4	3,755.54	1/4	3,368.04	1/4	2,980.53	1/4	2,593.03	1/4	2,205.42
1/2		1/2	5,257.84	1/2	4,899.81	1/2	4,522.40	1/2	4,134.97	1/2	3,747.47	1/2	3,359.96	1/2	2,972.46	1/2	2,584.95	1/2	2,197.35
3/4		3/4	5,250.57	3/4	4,892.13	3/4	4,514.36	3/4	4,126.90	3/4	3,739.39	3/4	3,351.89	3/4	2,964.39	3/4	2,576.88	3/4	2,189.27
10		10	5,243.29	10	4,884.45	10	4,506.31	10	4,118.82	10	3,731.32	10	3,343.82	10	2,956.31	10	2,568.81	10	2,181.20
1/4		1/4	5,235.99	1/4	4,876.74	1/4	4,498.24	1/4	4,110.75	1/4	3,723.25	1/4	3,335.74	1/4	2,948.24	1/4	2,560.74	1/4	2,173.12
1/2		1/2	5,228.69	1/2	4,869.03	1/2	4,490.17	1/2	4,102.68	1/2	3,715.17	1/2	3,327.67	1/2	2,940.17	1/2	2,552.66	1/2	2,165.05
3/4		3/4	5,221.39	3/4	4,861.32	3/4	4,482.10	3/4	4,094.61	3/4	3,707.10	3/4	3,319.60	3/4	2,932.09	3/4	2,544.59	3/4	2,156.97
11		11	5,214.08	11	4,853.61	11	4,474.04	11	4,086.53	11	3,699.03	11	3,311.52	11	2,924.02	11	2,536.52	11	2,148.90
1/4		1/4	5,206.75	1/4	4,845.87	1/4	4,465.96	1/4	4,078.46	1/4	3,690.96	1/4	3,303.45	1/4	2,915.95	1/4	2,528.44	1/4	2,140.82
1/2		1/2	5,199.42	1/2	4,838.13	1/2	4,457.89	1/2	4,070.39	1/2	3,682.88	1/2	3,295.38	1/2	2,907.87	1/2	2,520.37	1/2	2,132.75
3/4		3/4	5,192.08	3/4	4,830.39	3/4	4,449.82	3/4	4,062.31	3/4	3,674.81	3/4	3,287.31	3/4	2,899.80	3/4	2,512.29	3/4	2,124.67

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 50'-06" FORWARD OF AFT BULKHEAD.

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

BARGE "TMTB 111"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,116.60	0	1,728.98	0	1,341.36	0	955.61	0	581.81	0	194.21	0		0		0		0	
1/4	2,108.52	1/4	1,720.90	1/4	1,333.28	1/4	947.85	1/4	573.74	1/4	186.14	1/4		1/4		1/4		1/4	
1/2	2,100.44	1/2	1,712.83	1/2	1,325.21	1/2	940.08	1/2	565.66	1/2	178.06	1/2		1/2		1/2		1/2	
3/4	2,092.37	3/4	1,704.75	3/4	1,317.13	3/4	932.32	3/4	557.59	3/4	169.99	3/4		3/4		3/4		3/4	
1	2,084.29	1	1,696.67	1	1,309.06	1	924.56	1	549.51	1	161.91	1		1		1		1	
1/4	2,076.22	1/4	1,688.60	1/4	1,300.98	1/4	916.79	1/4	541.44	1/4	153.84	1/4		1/4		1/4		1/4	
1/2	2,068.14	1/2	1,680.52	1/2	1,292.90	1/2	909.03	1/2	533.36	1/2	145.76	1/2		1/2		1/2		1/2	
3/4	2,060.07	3/4	1,672.45	3/4	1,284.83	3/4	901.27	3/4	525.29	3/4	137.69	3/4		3/4		3/4		3/4	
2	2,051.99	2	1,664.37	2	1,276.75	2	893.50	2	517.21	2	129.61	2		2		2		2	
1/4	2,043.92	1/4	1,656.30	1/4	1,268.68	1/4	885.75	1/4	509.14	1/4	121.54	1/4		1/4		1/4		1/4	
1/2	2,035.84	1/2	1,648.22	1/2	1,260.60	1/2	878.00	1/2	501.06	1/2	113.46	1/2		1/2		1/2		1/2	
3/4	2,027.77	3/4	1,640.15	3/4	1,252.53	3/4	870.25	3/4	492.99	3/4	105.39	3/4		3/4		3/4		3/4	
3	2,019.69	3	1,632.07	3	1,244.45	3	862.49	3	484.91	3	97.31	3		3		3		3	
1/4	2,011.62	1/4	1,624.00	1/4	1,236.38	1/4	854.75	1/4	476.84	1/4	89.24	1/4		1/4		1/4		1/4	
1/2	2,003.54	1/2	1,615.92	1/2	1,228.30	1/2	847.01	1/2	468.76	1/2	81.16	1/2		1/2		1/2		1/2	
3/4	1,995.46	3/4	1,607.85	3/4	1,220.23	3/4	839.27	3/4	460.69	3/4	73.09	3/4		3/4		3/4		3/4	
4	1,987.39	4	1,599.77	4	1,212.15	4	831.53	4	452.61	4	65.01	4		4		4		4	
1/4	1,979.31	1/4	1,591.69	1/4	1,204.08	1/4	823.79	1/4	444.54	1/4	57.61	1/4		1/4		1/4		1/4	
1/2	1,971.24	1/2	1,583.62	1/2	1,196.00	1/2	816.05	1/2	436.46	1/2	50.21	1/2		1/2		1/2		1/2	
3/4	1,963.16	3/4	1,575.54	3/4	1,187.92	3/4	808.31	3/4	428.39	3/4	42.80	3/4		3/4		3/4		3/4	
5	1,955.09	5	1,567.47	5	1,179.85	5	800.57	5	420.31	5	35.40	5		5		5		5	
1/4	1,947.01	1/4	1,559.39	1/4	1,171.77	1/4	792.83	1/4	412.24	1/4	30.02	1/4		1/4		1/4		1/4	
1/2	1,938.94	1/2	1,551.32	1/2	1,163.70	1/2	785.09	1/2	404.16	1/2	24.63	1/2		1/2		1/2		1/2	
3/4	1,930.86	3/4	1,543.24	3/4	1,155.62	3/4	777.34	3/4	396.09	3/4	19.25	3/4		3/4		3/4		3/4	
6	1,922.79	6	1,535.17	6	1,147.55	6	769.60	6	388.01	6	13.87	6		6		6		6	
1/4	1,914.71	1/4	1,527.09	1/4	1,139.47	1/4	761.86	1/4	379.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,906.64	1/2	1,519.02	1/2	1,131.40	1/2	754.12	1/2	371.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,898.56	3/4	1,510.94	3/4	1,123.32	3/4	746.38	3/4	363.79	3/4		3/4		3/4		3/4		3/4	
7	1,890.48	7	1,502.87	7	1,115.25	7	738.64	7	355.71	7		7		7		7		7	
1/4	1,882.41	1/4	1,494.79	1/4	1,107.17	1/4	730.90	1/4	347.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,874.33	1/2	1,486.71	1/2	1,099.10	1/2	723.16	1/2	339.56	1/2		1/2		1/2		1/2		1/2	
3/4	1,866.26	3/4	1,478.64	3/4	1,091.02	3/4	715.42	3/4	331.49	3/4		3/4		3/4		3/4		3/4	
8	1,858.18	8	1,470.56	8	1,082.94	8	707.68	8	323.41	8		8		8		8		8	
1/4	1,850.11	1/4	1,462.49	1/4	1,074.87	1/4	699.94	1/4	315.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,842.03	1/2	1,454.41	1/2	1,066.79	1/2	692.19	1/2	307.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,833.96	3/4	1,446.34	3/4	1,058.72	3/4	684.45	3/4	299.19	3/4		3/4		3/4		3/4		3/4	
9	1,825.88	9	1,438.26	9	1,050.64	9	676.71	9	291.11	9		9		9		9		9	
1/4	1,817.81	1/4	1,430.19	1/4	1,042.57	1/4	668.97	1/4	283.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,809.73	1/2	1,422.11	1/2	1,034.49	1/2	661.23	1/2	274.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,801.65	3/4	1,414.04	3/4	1,026.42	3/4	653.49	3/4	266.89	3/4		3/4		3/4		3/4		3/4	
10	1,793.58	10	1,405.96	10	1,018.34	10	645.75	10	258.81	10		10		10		10		10	
1/4	1,785.50	1/4	1,397.88	1/4	1,010.42	1/4	637.84	1/4	250.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,777.43	1/2	1,389.81	1/2	1,002.50	1/2	629.93	1/2	242.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,769.35	3/4	1,381.73	3/4	994.58	3/4	622.02	3/4	234.59	3/4		3/4		3/4		3/4		3/4	
11	1,761.28	11	1,373.66	11	986.66	11	614.11	11	226.51	11		11		11		11		11	
1/4	1,753.20	1/4	1,365.58	1/4	978.90	1/4	606.04	1/4	218.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,745.13	1/2	1,357.51	1/2	971.14	1/2	597.96	1/2	210.36	1/2		1/2		1/2		1/2		1/2	
3/4	1,737.05	3/4	1,349.43	3/4	963.37	3/4	589.89	3/4	202.29	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

3 PORT
ULLAGE 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		0	4,761.70	0	4,523.90	0	4,275.88	0	4,013.60	0	3,746.75	0	3,428.69	0	3,067.95	0	2,707.30	0	2,346.65
1/4		1/4	4,757.78	1/4	4,518.87	1/4	4,270.53	1/4	4,008.04	1/4	3,741.20	1/4	3,421.16	1/4	3,060.43	1/4	2,699.78	1/4	2,339.14
1/2		1/2	4,753.85	1/2	4,513.84	1/2	4,265.18	1/2	4,002.48	1/2	3,735.64	1/2	3,413.63	1/2	3,052.92	1/2	2,692.27	1/2	2,331.62
3/4		3/4	4,749.92	3/4	4,508.80	3/4	4,259.83	3/4	3,996.92	3/4	3,730.08	3/4	3,406.10	3/4	3,045.41	3/4	2,684.76	3/4	2,324.11
1		1	4,746.00	1	4,503.77	1	4,254.47	1	3,991.36	1	3,724.52	1	3,398.57	1	3,037.89	1	2,677.24	1	2,316.60
1/4		1/4	4,740.94	1/4	4,498.72	1/4	4,249.10	1/4	3,985.80	1/4	3,718.96	1/4	3,391.05	1/4	3,030.38	1/4	2,669.73	1/4	2,309.08
1/2		1/2	4,735.88	1/2	4,493.67	1/2	4,243.73	1/2	3,980.24	1/2	3,713.40	1/2	3,383.53	1/2	3,022.86	1/2	2,662.22	1/2	2,301.57
3/4		3/4	4,730.83	3/4	4,488.61	3/4	4,238.36	3/4	3,974.68	3/4	3,707.84	3/4	3,376.01	3/4	3,015.35	3/4	2,654.70	3/4	2,294.06
2		2	4,725.77	2	4,483.56	2	4,232.99	2	3,969.12	2	3,702.28	2	3,368.49	2	3,007.84	2	2,647.19	2	2,286.54
1/4		1/4	4,720.34	1/4	4,478.49	1/4	4,227.60	1/4	3,963.56	1/4	3,696.72	1/4	3,360.97	1/4	3,000.32	1/4	2,639.68	1/4	2,279.03
1/2		1/2	4,714.91	1/2	4,473.41	1/2	4,222.20	1/2	3,958.00	1/2	3,691.16	1/2	3,353.46	1/2	2,992.81	1/2	2,632.16	1/2	2,271.51
3/4		3/4	4,709.47	3/4	4,468.34	3/4	4,216.81	3/4	3,952.44	3/4	3,685.60	3/4	3,345.95	3/4	2,985.30	3/4	2,624.65	3/4	2,264.00
3		3	4,704.04	3	4,463.26	3	4,211.42	3	3,946.89	3	3,680.04	3	3,338.43	3	2,977.78	3	2,617.14	3	2,256.49
1/4		1/4	4,698.61	1/4	4,458.17	1/4	4,206.00	1/4	3,941.33	1/4	3,674.48	1/4	3,330.92	1/4	2,970.27	1/4	2,609.62	1/4	2,248.97
1/2		1/2	4,693.18	1/2	4,453.07	1/2	4,200.59	1/2	3,935.77	1/2	3,668.93	1/2	3,323.40	1/2	2,962.76	1/2	2,602.11	1/2	2,241.45
3/4		3/4	4,687.74	3/4	4,447.98	3/4	4,195.17	3/4	3,930.21	3/4	3,663.37	3/4	3,315.89	3/4	2,955.24	3/4	2,594.60	3/4	2,233.94
4		4	4,682.31	4	4,442.88	4	4,189.76	4	3,924.65	4	3,657.81	4	3,308.38	4	2,947.73	4	2,587.08	4	2,226.42
1/4		1/4	4,677.19	1/4	4,437.77	1/4	4,184.33	1/4	3,919.09	1/4	3,652.25	1/4	3,300.86	1/4	2,940.22	1/4	2,579.57	1/4	2,218.90
1/2		1/2	4,672.06	1/2	4,432.65	1/2	4,178.89	1/2	3,913.53	1/2	3,646.69	1/2	3,293.35	1/2	2,932.70	1/2	2,572.05	1/2	2,211.38
3/4		3/4	4,666.94	3/4	4,427.53	3/4	4,173.46	3/4	3,907.97	3/4	3,641.13	3/4	3,285.84	3/4	2,925.19	3/4	2,564.54	3/4	2,203.86
5		5	4,661.82	5	4,422.42	5	4,168.02	5	3,902.41	5	3,635.57	5	3,278.32	5	2,917.68	5	2,557.03	5	2,196.33
1/4		1/4	4,657.00	1/4	4,417.28	1/4	4,162.56	1/4	3,896.85	1/4	3,630.01	1/4	3,270.81	1/4	2,910.16	1/4	2,549.51	1/4	2,188.81
1/2		1/2	4,652.17	1/2	4,412.14	1/2	4,157.11	1/2	3,891.29	1/2	3,624.45	1/2	3,263.30	1/2	2,902.65	1/2	2,542.00	1/2	2,181.29
3/4		3/4	4,647.35	3/4	4,407.00	3/4	4,151.65	3/4	3,885.73	3/4	3,616.92	3/4	3,255.78	3/4	2,895.14	3/4	2,534.49	3/4	2,173.77
6		6	4,642.53	6	4,401.87	6	4,146.20	6	3,880.18	6	3,609.39	6	3,248.27	6	2,887.62	6	2,526.97	6	2,166.25
1/4		1/4	4,637.68	1/4	4,396.71	1/4	4,140.72	1/4	3,874.62	1/4	3,601.86	1/4	3,240.76	1/4	2,880.11	1/4	2,519.46	1/4	2,158.73
1/2		1/2	4,632.84	1/2	4,391.55	1/2	4,135.24	1/2	3,869.06	1/2	3,594.33	1/2	3,233.24	1/2	2,872.59	1/2	2,511.95	1/2	2,151.21
3/4		3/4	4,627.99	3/4	4,386.39	3/4	4,129.76	3/4	3,863.50	3/4	3,586.80	3/4	3,225.73	3/4	2,865.08	3/4	2,504.43	3/4	2,143.69
7		7	4,623.15	7	4,381.23	7	4,124.29	7	3,857.94	7	3,579.28	7	3,218.22	7	2,857.57	7	2,496.92	7	2,136.17
1/4		1/4	4,618.25	1/4	4,376.05	1/4	4,118.79	1/4	3,852.38	1/4	3,571.75	1/4	3,210.70	1/4	2,850.05	1/4	2,489.41	1/4	2,128.65
1/2		1/2	4,613.36	1/2	4,370.87	1/2	4,113.29	1/2	3,846.82	1/2	3,564.22	1/2	3,203.19	1/2	2,842.54	1/2	2,481.89	1/2	2,121.13
3/4		3/4	4,608.46	3/4	4,365.69	3/4	4,107.79	3/4	3,841.26	3/4	3,556.69	3/4	3,195.68	3/4	2,835.03	3/4	2,474.38	3/4	2,113.61
8		8	4,603.57	8	4,360.51	8	4,102.29	8	3,835.70	8	3,549.16	8	3,188.16	8	2,827.51	8	2,466.87	8	2,106.09
1/4		1/4	4,598.62	1/4	4,355.28	1/4	4,096.77	1/4	3,830.14	1/4	3,541.63	1/4	3,180.65	1/4	2,820.00	1/4	2,459.35	1/4	2,098.57
1/2		1/2	4,593.67	1/2	4,350.05	1/2	4,091.25	1/2	3,824.58	1/2	3,534.10	1/2	3,173.13	1/2	2,812.49	1/2	2,451.84	1/2	2,091.04
3/4		3/4	4,588.72	3/4	4,344.81	3/4	4,085.73	3/4	3,819.02	3/4	3,526.57	3/4	3,165.62	3/4	2,804.97	3/4	2,444.33	3/4	2,083.52
9		9	4,583.78	9	4,339.58	9	4,080.21	9	3,813.46	9	3,519.04	9	3,158.11	9	2,797.46	9	2,436.81	9	2,076.00
1/4		1/4	4,578.81	1/4	4,334.29	1/4	4,074.67	1/4	3,807.91	1/4	3,511.51	1/4	3,150.59	1/4	2,789.95	1/4	2,429.30	1/4	2,068.48
1/2		1/2	4,573.84	1/2	4,329.00	1/2	4,069.13	1/2	3,802.35	1/2	3,503.98	1/2	3,143.08	1/2	2,782.43	1/2	2,421.78	1/2	2,060.96
3/4		3/4	4,568.87	3/4	4,323.72	3/4	4,063.59	3/4	3,796.79	3/4	3,496.45	3/4	3,135.57	3/4	2,774.92	3/4	2,414.27	3/4	2,053.44
10		10	4,563.90	10	4,318.43	10	4,058.05	10	3,791.23	10	3,488.92	10	3,128.05	10	2,767.41	10	2,406.76	10	2,045.92
1/4		1/4	4,558.91	1/4	4,313.12	1/4	4,052.50	1/4	3,785.67	1/4	3,481.39	1/4	3,120.54	1/4	2,759.89	1/4	2,399.24	1/4	2,038.40
1/2		1/2	4,553.92	1/2	4,307.81	1/2	4,046.94	1/2	3,780.11	1/2	3,473.86	1/2	3,113.03	1/2	2,752.38	1/2	2,391.73	1/2	2,030.88
3/4		3/4	4,548.93	3/4	4,302.50	3/4	4,041.39	3/4	3,774.55	3/4	3,466.33	3/4	3,105.51	3/4	2,744.87	3/4	2,384.22	3/4	2,023.36
11		11	4,543.94	11	4,297.20	11	4,035.83	11	3,768.99	11	3,458.80	11	3,098.00	11	2,737.35	11	2,376.70	11	2,015.84
1/4		1/4	4,538.93	1/4	4,291.87	1/4	4,030.27	1/4	3,763.43	1/4	3,451.27	1/4	3,090.49	1/4	2,729.84	1/4	2,369.19	1/4	2,008.32
1/2		1/2	4,533.92	1/2	4,286.54	1/2	4,024.71	1/2	3,757.87	1/2	3,443.74	1/2	3,082.97	1/2	2,722.32	1/2	2,361.68	1/2	2,000.80
3/4		3/4	4,528.91	3/4	4,281.21	3/4	4,019.16	3/4	3,752.31	3/4	3,436.21	3/4	3,075.46	3/4	2,714.81	3/4	2,354.16	3/4	1,993.28

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "TMTB 111"

3 PORT
ULLAGE 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	1,985.76	0	1,624.76	0	1,263.70	0	903.20	0	542.52	0	181.11	0		0		0		0	
1/4	1,978.23	1/4	1,617.24	1/4	1,256.17	1/4	895.68	1/4	534.99	1/4	173.58	1/4		1/4		1/4		1/4	
1/2	1,970.71	1/2	1,609.72	1/2	1,248.64	1/2	888.15	1/2	527.46	1/2	166.05	1/2		1/2		1/2		1/2	
3/4	1,963.19	3/4	1,602.20	3/4	1,241.11	3/4	880.62	3/4	519.93	3/4	158.53	3/4		3/4		3/4		3/4	
1	1,955.67	1	1,594.68	1	1,233.58	1	873.09	1	512.40	1	151.00	1		1		1		1	
1/4	1,948.15	1/4	1,587.16	1/4	1,226.06	1/4	865.56	1/4	504.87	1/4	143.47	1/4		1/4		1/4		1/4	
1/2	1,940.63	1/2	1,579.64	1/2	1,218.53	1/2	858.03	1/2	497.34	1/2	135.94	1/2		1/2		1/2		1/2	
3/4	1,933.11	3/4	1,572.12	3/4	1,211.00	3/4	850.50	3/4	489.81	3/4	128.41	3/4		3/4		3/4		3/4	
2	1,925.59	2	1,564.60	2	1,203.47	2	842.97	2	482.28	2	120.88	2		2		2		2	
1/4	1,918.07	1/4	1,557.08	1/4	1,195.94	1/4	835.45	1/4	474.75	1/4	113.35	1/4		1/4		1/4		1/4	
1/2	1,910.55	1/2	1,549.55	1/2	1,188.42	1/2	827.93	1/2	467.22	1/2	105.82	1/2		1/2		1/2		1/2	
3/4	1,903.03	3/4	1,542.03	3/4	1,180.89	3/4	820.42	3/4	459.70	3/4	98.29	3/4		3/4		3/4		3/4	
3	1,895.51	3	1,534.51	3	1,173.36	3	812.90	3	452.17	3	90.76	3		3		3		3	
1/4	1,887.99	1/4	1,526.99	1/4	1,165.84	1/4	805.39	1/4	444.64	1/4	83.23	1/4		1/4		1/4		1/4	
1/2	1,880.47	1/2	1,519.47	1/2	1,158.33	1/2	797.88	1/2	437.11	1/2	75.70	1/2		1/2		1/2		1/2	
3/4	1,872.94	3/4	1,511.95	3/4	1,150.82	3/4	790.38	3/4	429.58	3/4	68.17	3/4		3/4		3/4		3/4	
4	1,865.42	4	1,504.43	4	1,143.30	4	782.87	4	422.05	4	60.64	4		4		4		4	
1/4	1,857.90	1/4	1,496.91	1/4	1,135.80	1/4	775.36	1/4	414.52	1/4	53.74	1/4		1/4		1/4		1/4	
1/2	1,850.38	1/2	1,489.39	1/2	1,128.30	1/2	767.86	1/2	406.99	1/2	46.84	1/2		1/2		1/2		1/2	
3/4	1,842.86	3/4	1,481.87	3/4	1,120.80	3/4	760.35	3/4	399.46	3/4	39.94	3/4		3/4		3/4		3/4	
5	1,835.34	5	1,474.35	5	1,113.30	5	752.84	5	391.93	5	33.04	5		5		5		5	
1/4	1,827.82	1/4	1,466.83	1/4	1,105.80	1/4	745.34	1/4	384.40	1/4	28.02	1/4		1/4		1/4		1/4	
1/2	1,820.30	1/2	1,459.31	1/2	1,098.29	1/2	737.83	1/2	376.87	1/2	23.00	1/2		1/2		1/2		1/2	
3/4	1,812.78	3/4	1,451.79	3/4	1,090.79	3/4	730.32	3/4	369.34	3/4	17.98	3/4		3/4		3/4		3/4	
6	1,805.26	6	1,444.26	6	1,083.29	6	722.82	6	361.81	6	12.96	6		6		6		6	
1/4	1,797.74	1/4	1,436.74	1/4	1,075.79	1/4	715.31	1/4	354.29	1/4		1/4		1/4		1/4		1/4	
1/2	1,790.22	1/2	1,429.22	1/2	1,068.29	1/2	707.80	1/2	346.76	1/2		1/2		1/2		1/2		1/2	
3/4	1,782.70	3/4	1,421.70	3/4	1,060.79	3/4	700.30	3/4	339.23	3/4		3/4		3/4		3/4		3/4	
7	1,775.18	7	1,414.18	7	1,053.29	7	692.79	7	331.70	7		7		7		7		7	
1/4	1,767.65	1/4	1,406.66	1/4	1,045.79	1/4	685.28	1/4	323.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,760.13	1/2	1,399.14	1/2	1,038.28	1/2	677.77	1/2	314.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,752.61	3/4	1,391.62	3/4	1,030.78	3/4	670.27	3/4	308.13	3/4		3/4		3/4		3/4		3/4	
8	1,745.09	8	1,384.10	8	1,023.28	8	662.76	8	301.58	8		8		8		8		8	
1/4	1,737.57	1/4	1,376.58	1/4	1,015.78	1/4	655.25	1/4	294.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,730.05	1/2	1,369.06	1/2	1,008.28	1/2	647.75	1/2	286.52	1/2		1/2		1/2		1/2		1/2	
3/4	1,722.53	3/4	1,361.54	3/4	1,000.78	3/4	640.24	3/4	278.99	3/4		3/4		3/4		3/4		3/4	
9	1,715.01	9	1,354.02	9	993.28	9	632.73	9	271.46	9		9		9		9		9	
1/4	1,707.49	1/4	1,346.49	1/4	985.77	1/4	625.23	1/4	263.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,699.97	1/2	1,338.97	1/2	978.27	1/2	617.72	1/2	256.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,692.45	3/4	1,331.44	3/4	970.77	3/4	610.21	3/4	248.88	3/4		3/4		3/4		3/4		3/4	
10	1,684.93	10	1,323.92	10	963.27	10	602.71	10	241.35	10		10		10		10		10	
1/4	1,677.41	1/4	1,316.39	1/4	955.77	1/4	595.19	1/4	233.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,669.89	1/2	1,308.86	1/2	948.27	1/2	587.67	1/2	226.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,662.36	3/4	1,301.34	3/4	940.77	3/4	580.15	3/4	218.76	3/4		3/4		3/4		3/4		3/4	
11	1,654.84	11	1,293.81	11	933.27	11	572.64	11	211.23	11		11		11		11		11	
1/4	1,647.32	1/4	1,286.28	1/4	925.75	1/4	565.11	1/4	203.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,639.80	1/2	1,278.75	1/2	918.24	1/2	557.58	1/2	196.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,632.28	3/4	1,271.22	3/4	910.72	3/4	550.05	3/4	188.64	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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

BARGE "TMTB 111"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	4,736.18	0	4,498.44	0	4,250.52	0	3,988.38	0	3,721.72	0	3,404.08	0	3,044.13	0	2,684.24	0	2,324.38
1/4		1/4	4,732.25	1/4	4,493.41	1/4	4,245.17	1/4	3,982.83	1/4	3,716.16	1/4	3,396.58	1/4	3,036.63	1/4	2,676.74	1/4	2,316.88
1/2		1/2	4,728.33	1/2	4,488.38	1/2	4,239.82	1/2	3,977.27	1/2	3,710.60	1/2	3,389.07	1/2	3,029.14	1/2	2,669.24	1/2	2,309.38
3/4		3/4	4,724.40	3/4	4,483.35	3/4	4,234.48	3/4	3,971.72	3/4	3,705.05	3/4	3,381.56	3/4	3,021.64	3/4	2,661.75	3/4	2,301.88
1		1	4,720.47	1	4,478.32	1	4,229.13	1	3,966.16	1	3,699.49	1	3,374.06	1	3,014.14	1	2,654.25	1	2,294.38
1/4		1/4	4,715.42	1/4	4,473.27	1/4	4,223.76	1/4	3,960.61	1/4	3,693.94	1/4	3,366.55	1/4	3,006.64	1/4	2,646.76	1/4	2,286.88
1/2		1/2	4,710.36	1/2	4,468.22	1/2	4,218.39	1/2	3,955.05	1/2	3,688.38	1/2	3,359.05	1/2	2,999.14	1/2	2,639.26	1/2	2,279.37
3/4		3/4	4,705.31	3/4	4,463.17	3/4	4,213.02	3/4	3,949.50	3/4	3,682.83	3/4	3,351.55	3/4	2,991.65	3/4	2,631.76	3/4	2,271.87
2		2	4,700.25	2	4,458.12	2	4,207.65	2	3,943.94	2	3,677.27	2	3,344.04	2	2,984.15	2	2,624.27	2	2,264.37
1/4		1/4	4,694.82	1/4	4,453.04	1/4	4,202.26	1/4	3,938.38	1/4	3,671.72	1/4	3,336.55	1/4	2,976.65	1/4	2,616.77	1/4	2,256.87
1/2		1/2	4,689.39	1/2	4,447.97	1/2	4,196.87	1/2	3,932.83	1/2	3,666.16	1/2	3,329.05	1/2	2,969.15	1/2	2,609.28	1/2	2,249.37
3/4		3/4	4,683.97	3/4	4,442.90	3/4	4,191.48	3/4	3,927.27	3/4	3,660.60	3/4	3,321.55	3/4	2,961.66	3/4	2,601.78	3/4	2,241.87
3		3	4,678.54	3	4,437.83	3	4,186.09	3	3,921.72	3	3,655.05	3	3,314.05	3	2,954.16	3	2,594.29	3	2,234.37
1/4		1/4	4,673.11	1/4	4,432.73	1/4	4,180.68	1/4	3,916.16	1/4	3,649.49	1/4	3,306.55	1/4	2,946.66	1/4	2,586.79	1/4	2,226.86
1/2		1/2	4,667.68	1/2	4,427.64	1/2	4,175.27	1/2	3,910.61	1/2	3,643.94	1/2	3,299.06	1/2	2,939.16	1/2	2,579.29	1/2	2,219.36
3/4		3/4	4,662.25	3/4	4,422.55	3/4	4,169.86	3/4	3,905.05	3/4	3,638.38	3/4	3,291.56	3/4	2,931.66	3/4	2,571.80	3/4	2,211.85
4		4	4,656.82	4	4,417.45	4	4,164.45	4	3,899.49	4	3,632.83	4	3,284.06	4	2,924.17	4	2,564.30	4	2,204.35
1/4		1/4	4,651.69	1/4	4,412.34	1/4	4,159.02	1/4	3,893.94	1/4	3,627.27	1/4	3,276.56	1/4	2,916.67	1/4	2,556.81	1/4	2,196.88
1/2		1/2	4,646.57	1/2	4,407.22	1/2	4,153.58	1/2	3,888.38	1/2	3,621.71	1/2	3,269.07	1/2	2,909.17	1/2	2,549.31	1/2	2,189.41
3/4		3/4	4,641.45	3/4	4,402.11	3/4	4,148.15	3/4	3,882.83	3/4	3,616.16	3/4	3,261.57	3/4	2,901.67	3/4	2,541.82	3/4	2,181.94
5		5	4,636.33	5	4,396.99	5	4,142.72	5	3,877.27	5	3,610.60	5	3,254.07	5	2,894.18	5	2,534.32	5	2,174.48
1/4		1/4	4,631.51	1/4	4,391.86	1/4	4,137.27	1/4	3,871.72	1/4	3,604.07	1/4	3,246.57	1/4	2,886.68	1/4	2,526.83	1/4	2,167.05
1/2		1/2	4,626.69	1/2	4,386.72	1/2	4,131.81	1/2	3,866.16	1/2	3,597.53	1/2	3,239.07	1/2	2,879.18	1/2	2,519.33	1/2	2,159.62
3/4		3/4	4,621.86	3/4	4,381.59	3/4	4,126.36	3/4	3,860.61	3/4	3,590.99	3/4	3,231.58	3/4	2,871.68	3/4	2,511.83	3/4	2,152.19
6		6	4,617.04	6	4,376.45	6	4,120.91	6	3,855.05	6	3,584.45	6	3,224.08	6	2,864.18	6	2,504.34	6	2,144.77
1/4		1/4	4,612.20	1/4	4,371.30	1/4	4,115.43	1/4	3,849.49	1/4	3,576.94	1/4	3,216.58	1/4	2,856.69	1/4	2,496.84	1/4	2,137.34
1/2		1/2	4,607.36	1/2	4,366.14	1/2	4,109.96	1/2	3,843.94	1/2	3,569.42	1/2	3,209.08	1/2	2,849.19	1/2	2,489.35	1/2	2,129.91
3/4		3/4	4,602.51	3/4	4,360.98	3/4	4,104.49	3/4	3,838.38	3/4	3,561.90	3/4	3,201.59	3/4	2,841.69	3/4	2,481.85	3/4	2,122.48
7		7	4,597.67	7	4,355.83	7	4,099.01	7	3,832.83	7	3,554.38	7	3,194.09	7	2,834.19	7	2,474.36	7	2,115.06
1/4		1/4	4,592.77	1/4	4,350.65	1/4	4,093.52	1/4	3,827.27	1/4	3,546.86	1/4	3,186.59	1/4	2,826.70	1/4	2,466.86	1/4	2,107.63
1/2		1/2	4,587.88	1/2	4,345.47	1/2	4,088.02	1/2	3,821.72	1/2	3,539.34	1/2	3,179.09	1/2	2,819.20	1/2	2,459.37	1/2	2,100.20
3/4		3/4	4,582.98	3/4	4,340.29	3/4	4,082.53	3/4	3,816.16	3/4	3,531.83	3/4	3,171.59	3/4	2,811.70	3/4	2,451.87	3/4	2,092.77
8		8	4,578.09	8	4,335.11	8	4,077.03	8	3,810.61	8	3,524.31	8	3,164.10	8	2,804.20	8	2,444.37	8	2,085.35
1/4		1/4	4,573.14	1/4	4,329.88	1/4	4,071.51	1/4	3,805.05	1/4	3,516.79	1/4	3,156.60	1/4	2,796.70	1/4	2,436.88	1/4	2,077.92
1/2		1/2	4,568.20	1/2	4,324.65	1/2	4,066.00	1/2	3,799.49	1/2	3,509.27	1/2	3,149.10	1/2	2,789.21	1/2	2,429.38	1/2	2,070.49
3/4		3/4	4,563.25	3/4	4,319.42	3/4	4,060.48	3/4	3,793.94	3/4	3,501.75	3/4	3,141.60	3/4	2,781.71	3/4	2,421.88	3/4	2,063.06
9		9	4,558.30	9	4,314.19	9	4,054.97	9	3,788.38	9	3,494.23	9	3,134.11	9	2,774.21	9	2,414.38	9	2,055.64
1/4		1/4	4,553.34	1/4	4,308.91	1/4	4,049.43	1/4	3,782.83	1/4	3,486.72	1/4	3,126.61	1/4	2,766.71	1/4	2,406.88	1/4	2,048.21
1/2		1/2	4,548.37	1/2	4,303.62	1/2	4,043.89	1/2	3,777.27	1/2	3,479.20	1/2	3,119.11	1/2	2,759.22	1/2	2,399.39	1/2	2,040.78
3/4		3/4	4,543.40	3/4	4,298.34	3/4	4,038.35	3/4	3,771.72	3/4	3,471.68	3/4	3,111.61	3/4	2,751.72	3/4	2,391.89	3/4	2,033.35
10		10	4,538.43	10	4,293.05	10	4,032.82	10	3,766.16	10	3,464.16	10	3,104.11	10	2,744.22	10	2,384.39	10	2,025.93
1/4		1/4	4,533.45	1/4	4,287.74	1/4	4,027.26	1/4	3,760.60	1/4	3,456.65	1/4	3,096.62	1/4	2,736.72	1/4	2,376.89	1/4	2,018.50
1/2		1/2	4,528.46	1/2	4,282.44	1/2	4,021.71	1/2	3,755.05	1/2	3,449.13	1/2	3,089.12	1/2	2,729.22	1/2	2,369.39	1/2	2,011.07
3/4		3/4	4,523.47	3/4	4,277.13	3/4	4,016.16	3/4	3,749.49	3/4	3,441.62	3/4	3,081.62	3/4	2,721.73	3/4	2,361.89	3/4	2,003.64
11		11	4,518.48	11	4,271.83	11	4,010.61	11	3,743.94	11	3,434.11	11	3,074.12	11	2,714.23	11	2,354.39	11	1,996.22
1/4		1/4	4,513.47	1/4	4,266.50	1/4	4,005.05	1/4	3,738.38	1/4	3,426.60	1/4	3,066.62	1/4	2,706.73	1/4	2,346.88	1/4	1,988.79
1/2		1/2	4,508.46	1/2	4,261.17	1/2	3,999.50	1/2	3,732.83	1/2	3,419.10	1/2	3,059.13	1/2	2,699.23	1/2	2,339.38	1/2	1,981.36
3/4		3/4	4,503.45	3/4	4,255.85	3/4	3,993.94	3/4	3,727.27	3/4	3,411.59	3/4	3,051.63	3/4	2,691.73	3/4	2,331.88	3/4	1,973.93

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.
GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

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

BARGE "TMTB 111"

3 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,966.51	0	1,607.66	0	1,247.41	0	888.82	0	541.24	0	180.84	0		0		0		0	
1/4	1,959.08	1/4	1,600.15	1/4	1,239.91	1/4	881.59	1/4	533.73	1/4	173.33	1/4		1/4		1/4		1/4	
1/2	1,951.65	1/2	1,592.65	1/2	1,232.40	1/2	874.36	1/2	526.23	1/2	165.82	1/2		1/2		1/2		1/2	
3/4	1,944.22	3/4	1,585.14	3/4	1,224.90	3/4	867.13	3/4	518.72	3/4	158.31	3/4		3/4		3/4		3/4	
1	1,936.80	1	1,577.64	1	1,217.39	1	859.90	1	511.21	1	150.80	1		1		1		1	
1/4	1,929.37	1/4	1,570.13	1/4	1,209.89	1/4	852.68	1/4	503.70	1/4	143.28	1/4		1/4		1/4		1/4	
1/2	1,921.94	1/2	1,562.63	1/2	1,202.38	1/2	845.45	1/2	496.19	1/2	135.76	1/2		1/2		1/2		1/2	
3/4	1,914.51	3/4	1,555.12	3/4	1,194.87	3/4	838.22	3/4	488.68	3/4	128.25	3/4		3/4		3/4		3/4	
2	1,907.09	2	1,547.62	2	1,187.37	2	830.99	2	481.18	2	120.73	2		2		2		2	
1/4	1,899.66	1/4	1,540.11	1/4	1,179.86	1/4	823.78	1/4	473.67	1/4	113.21	1/4		1/4		1/4		1/4	
1/2	1,892.23	1/2	1,532.61	1/2	1,172.36	1/2	816.57	1/2	466.16	1/2	105.69	1/2		1/2		1/2		1/2	
3/4	1,884.80	3/4	1,525.10	3/4	1,164.85	3/4	809.36	3/4	458.65	3/4	98.17	3/4		3/4		3/4		3/4	
3	1,877.38	3	1,517.60	3	1,157.35	3	802.14	3	451.14	3	90.65	3		3		3		3	
1/4	1,869.95	1/4	1,510.09	1/4	1,149.84	1/4	794.95	1/4	443.63	1/4	83.13	1/4		1/4		1/4		1/4	
1/2	1,862.52	1/2	1,502.59	1/2	1,142.34	1/2	787.75	1/2	436.13	1/2	75.61	1/2		1/2		1/2		1/2	
3/4	1,855.09	3/4	1,495.08	3/4	1,134.83	3/4	780.56	3/4	428.62	3/4	68.09	3/4		3/4		3/4		3/4	
4	1,847.67	4	1,487.58	4	1,127.33	4	773.36	4	421.11	4	60.57	4		4		4		4	
1/4	1,840.20	1/4	1,480.07	1/4	1,119.82	1/4	766.17	1/4	413.60	1/4	53.68	1/4		1/4		1/4		1/4	
1/2	1,832.73	1/2	1,472.57	1/2	1,112.32	1/2	758.97	1/2	406.09	1/2	46.78	1/2		1/2		1/2		1/2	
3/4	1,825.27	3/4	1,465.06	3/4	1,104.81	3/4	751.78	3/4	398.58	3/4	39.89	3/4		3/4		3/4		3/4	
5	1,817.80	5	1,457.56	5	1,097.31	5	744.58	5	391.07	5	33.00	5		5		5		5	
1/4	1,810.30	1/4	1,450.05	1/4	1,089.80	1/4	737.39	1/4	383.57	1/4	27.98	1/4		1/4		1/4		1/4	
1/2	1,802.79	1/2	1,442.55	1/2	1,082.30	1/2	730.19	1/2	376.06	1/2	22.97	1/2		1/2		1/2		1/2	
3/4	1,795.29	3/4	1,435.04	3/4	1,074.79	3/4	723.00	3/4	368.55	3/4	17.96	3/4		3/4		3/4		3/4	
6	1,787.78	6	1,427.54	6	1,067.28	6	715.80	6	361.04	6	12.94	6		6		6		6	
1/4	1,780.28	1/4	1,420.03	1/4	1,059.78	1/4	708.61	1/4	353.53	1/4		1/4		1/4		1/4		1/4	
1/2	1,772.77	1/2	1,412.53	1/2	1,052.27	1/2	701.41	1/2	346.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,765.27	3/4	1,405.02	3/4	1,044.77	3/4	694.22	3/4	338.52	3/4		3/4		3/4		3/4		3/4	
7	1,757.76	7	1,397.52	7	1,037.26	7	687.02	7	331.01	7		7		7		7		7	
1/4	1,750.26	1/4	1,390.01	1/4	1,029.76	1/4	679.83	1/4	323.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,742.75	1/2	1,382.51	1/2	1,022.25	1/2	672.63	1/2	315.99	1/2		1/2		1/2		1/2		1/2	
3/4	1,735.25	3/4	1,375.00	3/4	1,014.75	3/4	665.44	3/4	308.48	3/4		3/4		3/4		3/4		3/4	
8	1,727.74	8	1,367.50	8	1,007.24	8	658.24	8	300.97	8		8		8		8		8	
1/4	1,720.24	1/4	1,359.99	1/4	999.74	1/4	651.05	1/4	293.47	1/4		1/4		1/4		1/4		1/4	
1/2	1,712.73	1/2	1,352.49	1/2	992.23	1/2	643.85	1/2	285.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,705.22	3/4	1,344.98	3/4	984.73	3/4	636.66	3/4	278.45	3/4		3/4		3/4		3/4		3/4	
9	1,697.72	9	1,337.48	9	977.22	9	629.46	9	270.94	9		9		9		9		9	
1/4	1,690.21	1/4	1,329.97	1/4	969.72	1/4	622.27	1/4	263.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,682.71	1/2	1,322.46	1/2	962.21	1/2	615.07	1/2	255.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,675.20	3/4	1,314.96	3/4	954.71	3/4	607.88	3/4	248.42	3/4		3/4		3/4		3/4		3/4	
10	1,667.70	10	1,307.45	10	947.20	10	600.68	10	240.91	10		10		10		10		10	
1/4	1,660.19	1/4	1,299.95	1/4	939.83	1/4	593.33	1/4	233.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,652.69	1/2	1,292.44	1/2	932.47	1/2	585.98	1/2	225.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,645.18	3/4	1,284.94	3/4	925.10	3/4	578.63	3/4	218.38	3/4		3/4		3/4		3/4		3/4	
11	1,637.68	11	1,277.43	11	917.73	11	571.28	11	210.88	11		11		11		11		11	
1/4	1,630.17	1/4	1,269.93	1/4	910.50	1/4	563.77	1/4	203.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,622.67	1/2	1,262.42	1/2	903.28	1/2	556.26	1/2	195.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,615.16	3/4	1,254.92	3/4	896.05	3/4	548.75	3/4	188.35	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/30/2021 JS
CALCULATED: 12/30/2021 CL
PRINTED: 12/30/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2021

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