



BARGE "TMTB 104"

INNAGE (HERMETIC)

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS 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 7, 2020

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

<http://www.pmacorp.net>



BARGE "TMTB 104"

1 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-06"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.19	0	259.57	0	540.24	0	842.97	0	1,167.24	0	1,497.72	0	1,828.21	0	2,158.65	0	2,489.02	0	2,819.40
1/4	13.52	1/4	265.22	1/4	546.32	1/4	849.53	1/4	1,174.12	1/4	1,504.61	1/4	1,835.09	1/4	2,165.53	1/4	2,495.90	1/4	2,826.28
1/2	16.84	1/2	270.86	1/2	552.40	1/2	856.09	1/2	1,181.01	1/2	1,511.49	1/2	1,841.98	1/2	2,172.41	1/2	2,502.79	1/2	2,833.16
3/4	20.17	3/4	276.51	3/4	558.49	3/4	862.65	3/4	1,187.89	3/4	1,518.38	3/4	1,848.86	3/4	2,179.30	3/4	2,509.67	3/4	2,840.04
1	23.50	1	282.15	1	564.57	1	869.21	1	1,194.78	1	1,525.26	1	1,855.75	1	2,186.18	1	2,516.55	1	2,846.93
1/4	28.15	1/4	287.84	1/4	570.69	1/4	875.81	1/4	1,201.66	1/4	1,532.15	1/4	1,862.63	1/4	2,193.06	1/4	2,523.44	1/4	2,853.81
1/2	32.80	1/2	293.52	1/2	576.81	1/2	882.41	1/2	1,208.55	1/2	1,539.03	1/2	1,869.52	1/2	2,199.94	1/2	2,530.32	1/2	2,860.69
3/4	37.46	3/4	299.21	3/4	582.92	3/4	889.01	3/4	1,215.43	3/4	1,545.92	3/4	1,876.40	3/4	2,206.83	3/4	2,537.20	3/4	2,867.58
2	42.11	2	304.89	2	589.04	2	895.61	2	1,222.32	2	1,552.80	2	1,883.29	2	2,213.71	2	2,544.08	2	2,874.46
1/4	47.38	1/4	310.61	1/4	595.20	1/4	902.25	1/4	1,229.20	1/4	1,559.69	1/4	1,890.17	1/4	2,220.59	1/4	2,550.97	1/4	2,881.34
1/2	52.64	1/2	316.34	1/2	601.36	1/2	908.88	1/2	1,236.09	1/2	1,566.57	1/2	1,897.06	1/2	2,227.48	1/2	2,557.85	1/2	2,888.22
3/4	57.91	3/4	322.06	3/4	607.52	3/4	915.52	3/4	1,242.97	3/4	1,573.46	3/4	1,903.94	3/4	2,234.36	3/4	2,564.73	3/4	2,895.11
3	63.17	3	327.78	3	613.67	3	922.16	3	1,249.86	3	1,580.34	3	1,910.83	3	2,241.24	3	2,571.62	3	2,901.99
1/4	68.47	1/4	333.54	1/4	619.88	1/4	928.83	1/4	1,256.74	1/4	1,587.23	1/4	1,917.71	1/4	2,248.12	1/4	2,578.50	1/4	2,908.87
1/2	73.78	1/2	339.30	1/2	626.09	1/2	935.51	1/2	1,263.63	1/2	1,594.11	1/2	1,924.60	1/2	2,255.01	1/2	2,585.38	1/2	2,915.76
3/4	79.08	3/4	345.06	3/4	632.29	3/4	942.18	3/4	1,270.51	3/4	1,601.00	3/4	1,931.48	3/4	2,261.89	3/4	2,592.26	3/4	2,922.64
4	84.38	4	350.82	4	638.50	4	948.86	4	1,277.40	4	1,607.88	4	1,938.37	4	2,268.77	4	2,599.15	4	2,929.52
1/4	89.72	1/4	356.62	1/4	644.76	1/4	955.57	1/4	1,284.28	1/4	1,614.77	1/4	1,945.25	1/4	2,275.66	1/4	2,606.03	1/4	2,936.40
1/2	95.07	1/2	362.42	1/2	651.01	1/2	962.29	1/2	1,291.17	1/2	1,621.65	1/2	1,952.14	1/2	2,282.54	1/2	2,612.91	1/2	2,943.29
3/4	100.41	3/4	368.22	3/4	657.27	3/4	969.00	3/4	1,298.05	3/4	1,628.54	3/4	1,959.02	3/4	2,289.42	3/4	2,619.80	3/4	2,950.17
5	105.75	5	374.02	5	663.52	5	975.71	5	1,304.94	5	1,635.42	5	1,965.91	5	2,296.30	5	2,626.68	5	2,957.05
1/4	111.13	1/4	379.85	1/4	669.82	1/4	982.46	1/4	1,311.83	1/4	1,642.31	1/4	1,972.79	1/4	2,303.19	1/4	2,633.56	1/4	2,963.94
1/2	116.51	1/2	385.69	1/2	676.11	1/2	989.22	1/2	1,318.71	1/2	1,649.19	1/2	1,979.68	1/2	2,310.07	1/2	2,640.44	1/2	2,970.82
3/4	121.89	3/4	391.53	3/4	682.41	3/4	995.97	3/4	1,325.60	3/4	1,656.08	3/4	1,986.56	3/4	2,316.95	3/4	2,647.33	3/4	2,977.70
6	127.26	6	397.36	6	688.70	6	1,002.72	6	1,332.48	6	1,662.97	6	1,993.45	6	2,323.83	6	2,654.21	6	2,984.58
1/4	132.68	1/4	403.24	1/4	695.03	1/4	1,009.51	1/4	1,339.37	1/4	1,669.85	1/4	2,000.34	1/4	2,330.72	1/4	2,661.09	1/4	2,991.47
1/2	138.10	1/2	409.11	1/2	701.37	1/2	1,016.30	1/2	1,346.25	1/2	1,676.74	1/2	2,007.22	1/2	2,337.60	1/2	2,667.97	1/2	2,998.35
3/4	143.52	3/4	414.99	3/4	707.70	3/4	1,023.09	3/4	1,353.14	3/4	1,683.62	3/4	2,014.11	3/4	2,344.48	3/4	2,674.86	3/4	3,005.23
7	148.93	7	420.86	7	714.03	7	1,029.88	7	1,360.02	7	1,690.51	7	2,020.99	7	2,351.37	7	2,681.74	7	3,012.11
1/4	154.39	1/4	426.76	1/4	720.40	1/4	1,036.71	1/4	1,366.91	1/4	1,697.39	1/4	2,027.87	1/4	2,358.25	1/4	2,688.62	1/4	3,019.00
1/2	159.85	1/2	432.67	1/2	726.77	1/2	1,043.53	1/2	1,373.79	1/2	1,704.28	1/2	2,034.76	1/2	2,365.13	1/2	2,695.51	1/2	3,025.88
3/4	165.30	3/4	438.57	3/4	733.14	3/4	1,050.36	3/4	1,380.68	3/4	1,711.16	3/4	2,041.64	3/4	2,372.01	3/4	2,702.39	3/4	3,032.76
8	170.76	8	444.47	8	739.51	8	1,057.19	8	1,387.56	8	1,718.05	8	2,048.52	8	2,378.90	8	2,709.27	8	3,039.65
1/4	176.25	1/4	450.40	1/4	745.92	1/4	1,064.05	1/4	1,394.45	1/4	1,724.93	1/4	2,055.41	1/4	2,385.78	1/4	2,716.15	1/4	3,046.53
1/2	181.74	1/2	456.33	1/2	752.33	1/2	1,070.91	1/2	1,401.33	1/2	1,731.82	1/2	2,062.29	1/2	2,392.66	1/2	2,723.04	1/2	3,053.41
3/4	187.24	3/4	462.26	3/4	758.74	3/4	1,077.77	3/4	1,408.22	3/4	1,738.70	3/4	2,069.17	3/4	2,399.55	3/4	2,729.92	3/4	3,060.29
9	192.73	9	468.18	9	765.15	9	1,084.64	9	1,415.10	9	1,745.59	9	2,076.05	9	2,406.43	9	2,736.80	9	3,067.18
1/4	198.26	1/4	474.15	1/4	771.59	1/4	1,091.52	1/4	1,421.99	1/4	1,752.47	1/4	2,082.94	1/4	2,413.31	1/4	2,743.69	1/4	3,074.06
1/2	203.79	1/2	480.12	1/2	778.04	1/2	1,098.40	1/2	1,428.87	1/2	1,759.36	1/2	2,089.82	1/2	2,420.19	1/2	2,750.57	1/2	3,080.94
3/4	209.33	3/4	486.08	3/4	784.49	3/4	1,105.28	3/4	1,435.76	3/4	1,766.24	3/4	2,096.70	3/4	2,427.08	3/4	2,757.45	3/4	3,087.83
10	214.86	10	492.05	10	790.94	10	1,112.16	10	1,442.64	10	1,773.13	10	2,103.59	10	2,433.96	10	2,764.33	10	3,094.71
1/4	220.43	1/4	498.06	1/4	797.42	1/4	1,119.04	1/4	1,449.53	1/4	1,780.01	1/4	2,110.47	1/4	2,440.84	1/4	2,771.22	1/4	3,101.59
1/2	226.00	1/2	504.06	1/2	803.90	1/2	1,125.93	1/2	1,456.41	1/2	1,786.90	1/2	2,117.35	1/2	2,447.73	1/2	2,778.10	1/2	3,108.47
3/4	231.57	3/4	510.07	3/4	810.39	3/4	1,132.81	3/4	1,463.30	3/4	1,793.78	3/4	2,124.23	3/4	2,454.61	3/4	2,784.98	3/4	3,115.36
11	237.14	11	516.07	11	816.87	11	1,139.70	11	1,470.18	11	1,800.67	11	2,131.12	11	2,461.49	11	2,791.87	11	3,122.24
1/4	242.75	1/4	522.11	1/4	823.40	1/4	1,146.58	1/4	1,477.07	1/4	1,807.55	1/4	2,138.00	1/4	2,468.37	1/4	2,798.75	1/4	3,129.12
1/2	248.35	1/2	528.16	1/2	829.92	1/2	1,153.47	1/2	1,483.95	1/2	1,814.44	1/2	2,144.88	1/2	2,475.26	1/2	2,805.63	1/2	3,136.01
3/4	253.96	3/4	534.20	3/4	836.44	3/4	1,160.35	3/4	1,490.84	3/4	1,821.32	3/4	2,151.76	3/4	2,482.14	3/4	2,812.51	3/4	3,142.89

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "TMTB 104"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,149.77	0	3,480.15	0	3,809.51	0	4,126.46	0	4,426.26	0		0		0		0		0	
1/4	3,156.65	1/4	3,487.03	1/4	3,816.26	1/4	4,132.86	1/4	4,432.26	1/4		1/4		1/4		1/4		1/4	
1/2	3,163.54	1/2	3,493.91	1/2	3,823.02	1/2	4,139.26	1/2	4,438.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,170.42	3/4	3,500.79	3/4	3,829.77	3/4	4,145.66	3/4	4,444.24	3/4		3/4		3/4		3/4		3/4	
1	3,177.30	1	3,507.68	1	3,836.53	1	4,152.07	1	4,450.24	1		1		1		1		1	
1/4	3,184.18	1/4	3,514.56	1/4	3,843.26	1/4	4,158.44	1/4	4,456.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,191.07	1/2	3,521.44	1/2	3,849.99	1/2	4,164.82	1/2	4,462.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,197.95	3/4	3,528.32	3/4	3,856.71	3/4	4,171.19	3/4	4,469.33	3/4		3/4		3/4		3/4		3/4	
2	3,204.83	2	3,535.21	2	3,863.44	2	4,177.57	2	4,475.69	2		2		2		2		2	
1/4	3,211.72	1/4	3,542.09	1/4	3,870.15	1/4	4,183.92	1/4	4,482.44	1/4		1/4		1/4		1/4		1/4	
1/2	3,218.60	1/2	3,548.97	1/2	3,876.85	1/2	4,190.27	1/2	4,489.19	1/2		1/2		1/2		1/2		1/2	
3/4	3,225.48	3/4	3,555.86	3/4	3,883.55	3/4	4,196.62	3/4	4,495.94	3/4		3/4		3/4		3/4		3/4	
3	3,232.36	3	3,562.74	3	3,890.26	3	4,202.96	3	4,502.68	3		3		3		3		3	
1/4	3,239.25	1/4	3,569.62	1/4	3,896.93	1/4	4,209.29	1/4	4,509.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,246.13	1/2	3,576.50	1/2	3,903.61	1/2	4,215.61	1/2	4,516.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,253.01	3/4	3,583.39	3/4	3,910.29	3/4	4,221.93	3/4	4,522.93	3/4		3/4		3/4		3/4		3/4	
4	3,259.90	4	3,590.27	4	3,916.96	4	4,228.26	4	4,529.68	4		4		4		4		4	
1/4	3,266.78	1/4	3,597.15	1/4	3,923.61	1/4	4,234.55	1/4	4,536.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,273.66	1/2	3,604.04	1/2	3,930.26	1/2	4,240.85	1/2	4,542.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,280.54	3/4	3,610.92	3/4	3,936.92	3/4	4,247.15	3/4	4,548.89	3/4		3/4		3/4		3/4		3/4	
5	3,287.43	5	3,617.80	5	3,943.57	5	4,253.45	5	4,555.29	5		5		5		5		5	
1/4	3,294.31	1/4	3,624.68	1/4	3,950.19	1/4	4,259.72	1/4	4,560.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,301.19	1/2	3,631.57	1/2	3,956.82	1/2	4,265.99	1/2	4,566.04	1/2		1/2		1/2		1/2		1/2	
3/4	3,308.08	3/4	3,638.45	3/4	3,963.44	3/4	4,272.26	3/4	4,571.41	3/4		3/4		3/4		3/4		3/4	
6	3,314.96	6	3,645.33	6	3,970.06	6	4,278.53	6	4,576.78	6		6		6		6		6	
1/4	3,321.84	1/4	3,652.22	1/4	3,976.66	1/4	4,284.77	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,328.72	1/2	3,659.10	1/2	3,983.26	1/2	4,291.02	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,335.61	3/4	3,665.98	3/4	3,989.86	3/4	4,297.26	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,342.49	7	3,672.86	7	3,996.46	7	4,303.51	7		7		7		7		7		7	
1/4	3,349.37	1/4	3,679.74	1/4	4,003.03	1/4	4,309.73	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,356.25	1/2	3,686.62	1/2	4,009.60	1/2	4,315.95	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,363.14	3/4	3,693.50	3/4	4,016.17	3/4	4,322.16	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,370.02	8	3,700.38	8	4,022.75	8	4,328.38	8		8		8		8		8		8	
1/4	3,376.90	1/4	3,707.24	1/4	4,029.29	1/4	4,334.58	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,383.79	1/2	3,714.10	1/2	4,035.84	1/2	4,340.77	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,390.67	3/4	3,720.96	3/4	4,042.39	3/4	4,346.96	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,397.55	9	3,727.82	9	4,048.93	9	4,353.15	9		9		9		9		9		9	
1/4	3,404.43	1/4	3,734.65	1/4	4,055.43	1/4	4,359.32	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,411.32	1/2	3,741.48	1/2	4,061.93	1/2	4,365.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,418.20	3/4	3,748.32	3/4	4,068.43	3/4	4,371.65	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,425.08	10	3,755.15	10	4,074.93	10	4,377.82	10		10		10		10		10		10	
1/4	3,431.97	1/4	3,761.96	1/4	4,081.39	1/4	4,383.91	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,438.85	1/2	3,768.77	1/2	4,087.84	1/2	4,390.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,445.73	3/4	3,775.57	3/4	4,094.29	3/4	4,396.10	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,452.61	11	3,782.38	11	4,100.75	11	4,402.19	11		11		11		11		11		11	
1/4	3,459.50	1/4	3,789.16	1/4	4,107.17	1/4	4,408.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,466.38	1/2	3,795.94	1/2	4,113.60	1/2	4,414.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,473.26	3/4	3,802.72	3/4	4,120.03	3/4	4,420.25	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/07/2020 JS
CALCULATED: 12/07/2020 CL
PRINTED: 12/07/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2020

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



BARGE "TMTB 104"

1 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	10.22	0	260.49	0	541.69	0	844.70	0	1,170.05	0	1,501.62	0	1,833.20	0	2,164.74	0	2,496.20	0	2,827.66
1/4	13.56	1/4	266.16	1/4	547.77	1/4	851.29	1/4	1,176.96	1/4	1,508.53	1/4	1,840.11	1/4	2,171.64	1/4	2,503.10	1/4	2,834.57
1/2	16.90	1/2	271.82	1/2	553.85	1/2	857.87	1/2	1,183.87	1/2	1,515.44	1/2	1,847.01	1/2	2,178.55	1/2	2,510.01	1/2	2,841.47
3/4	20.24	3/4	277.49	3/4	559.93	3/4	864.45	3/4	1,190.77	3/4	1,522.35	3/4	1,853.92	3/4	2,185.45	3/4	2,516.92	3/4	2,848.38
1	23.58	1	283.16	1	566.00	1	871.03	1	1,197.68	1	1,529.26	1	1,860.83	1	2,192.36	1	2,523.82	1	2,855.29
1/4	28.25	1/4	288.86	1/4	572.12	1/4	877.66	1/4	1,204.59	1/4	1,536.16	1/4	1,867.74	1/4	2,199.26	1/4	2,530.73	1/4	2,862.19
1/2	32.92	1/2	294.56	1/2	578.23	1/2	884.28	1/2	1,211.50	1/2	1,543.07	1/2	1,874.65	1/2	2,206.17	1/2	2,537.63	1/2	2,869.10
3/4	37.59	3/4	300.27	3/4	584.35	3/4	890.90	3/4	1,218.40	3/4	1,549.98	3/4	1,881.55	3/4	2,213.07	3/4	2,544.54	3/4	2,876.00
2	42.26	2	305.97	2	590.46	2	897.52	2	1,225.31	2	1,556.89	2	1,888.46	2	2,219.98	2	2,551.44	2	2,882.91
1/4	47.55	1/4	311.72	1/4	596.62	1/4	904.18	1/4	1,232.22	1/4	1,563.79	1/4	1,895.37	1/4	2,226.88	1/4	2,558.35	1/4	2,889.81
1/2	52.83	1/2	317.46	1/2	602.77	1/2	910.84	1/2	1,239.13	1/2	1,570.70	1/2	1,902.28	1/2	2,233.79	1/2	2,565.25	1/2	2,896.72
3/4	58.11	3/4	323.20	3/4	608.93	3/4	917.50	3/4	1,246.04	3/4	1,577.61	3/4	1,909.18	3/4	2,240.70	3/4	2,572.16	3/4	2,903.62
3	63.40	3	328.94	3	615.08	3	924.16	3	1,252.94	3	1,584.52	3	1,916.09	3	2,247.60	3	2,579.07	3	2,910.53
1/4	68.72	1/4	334.72	1/4	621.28	1/4	930.86	1/4	1,259.85	1/4	1,591.43	1/4	1,923.00	1/4	2,254.51	1/4	2,585.97	1/4	2,917.43
1/2	74.04	1/2	340.50	1/2	627.49	1/2	937.55	1/2	1,266.76	1/2	1,598.33	1/2	1,929.91	1/2	2,261.41	1/2	2,592.88	1/2	2,924.34
3/4	79.36	3/4	346.28	3/4	633.69	3/4	944.25	3/4	1,273.67	3/4	1,605.24	3/4	1,936.82	3/4	2,268.32	3/4	2,599.78	3/4	2,931.25
4	84.69	4	352.06	4	639.89	4	950.95	4	1,280.57	4	1,612.15	4	1,943.72	4	2,275.22	4	2,606.69	4	2,938.15
1/4	90.05	1/4	357.88	1/4	646.14	1/4	957.68	1/4	1,287.48	1/4	1,619.06	1/4	1,950.63	1/4	2,282.13	1/4	2,613.59	1/4	2,945.06
1/2	95.41	1/2	363.70	1/2	652.40	1/2	964.42	1/2	1,294.39	1/2	1,625.96	1/2	1,957.54	1/2	2,289.03	1/2	2,620.50	1/2	2,951.96
3/4	100.77	3/4	369.52	3/4	658.65	3/4	971.16	3/4	1,301.30	3/4	1,632.87	3/4	1,964.45	3/4	2,295.94	3/4	2,627.40	3/4	2,958.87
5	106.13	5	375.34	5	664.90	5	977.89	5	1,308.21	5	1,639.78	5	1,971.35	5	2,302.85	5	2,634.31	5	2,965.77
1/4	111.52	1/4	381.20	1/4	671.19	1/4	984.67	1/4	1,315.11	1/4	1,646.69	1/4	1,978.26	1/4	2,309.75	1/4	2,641.21	1/4	2,972.68
1/2	116.92	1/2	387.05	1/2	677.48	1/2	991.44	1/2	1,322.02	1/2	1,653.60	1/2	1,985.17	1/2	2,316.66	1/2	2,648.12	1/2	2,979.58
3/4	122.32	3/4	392.91	3/4	683.77	3/4	998.21	3/4	1,328.93	3/4	1,660.50	3/4	1,992.08	3/4	2,323.56	3/4	2,655.03	3/4	2,986.49
6	127.72	6	398.77	6	690.07	6	1,004.99	6	1,335.84	6	1,667.41	6	1,998.99	6	2,330.47	6	2,661.93	6	2,993.40
1/4	133.16	1/4	404.66	1/4	696.39	1/4	1,011.80	1/4	1,342.74	1/4	1,674.32	1/4	2,005.89	1/4	2,337.37	1/4	2,668.84	1/4	3,000.30
1/2	138.59	1/2	410.56	1/2	702.72	1/2	1,018.61	1/2	1,349.65	1/2	1,681.23	1/2	2,012.80	1/2	2,344.28	1/2	2,675.74	1/2	3,007.21
3/4	144.03	3/4	416.45	3/4	709.05	3/4	1,025.43	3/4	1,356.56	3/4	1,688.13	3/4	2,019.71	3/4	2,351.18	3/4	2,682.65	3/4	3,014.11
7	149.47	7	422.35	7	715.38	7	1,032.24	7	1,363.47	7	1,695.04	7	2,026.62	7	2,358.09	7	2,689.55	7	3,021.02
1/4	154.94	1/4	428.26	1/4	721.76	1/4	1,039.09	1/4	1,370.38	1/4	1,701.95	1/4	2,033.52	1/4	2,364.99	1/4	2,696.46	1/4	3,027.92
1/2	160.42	1/2	434.17	1/2	728.14	1/2	1,045.94	1/2	1,377.28	1/2	1,708.86	1/2	2,040.43	1/2	2,371.90	1/2	2,703.36	1/2	3,034.83
3/4	165.89	3/4	440.08	3/4	734.52	3/4	1,052.79	3/4	1,384.19	3/4	1,715.77	3/4	2,047.34	3/4	2,378.81	3/4	2,710.27	3/4	3,041.73
8	171.37	8	445.99	8	740.90	8	1,059.64	8	1,391.10	8	1,722.67	8	2,054.25	8	2,385.71	8	2,717.18	8	3,048.64
1/4	176.88	1/4	451.91	1/4	747.33	1/4	1,066.52	1/4	1,398.01	1/4	1,729.58	1/4	2,061.15	1/4	2,392.62	1/4	2,724.08	1/4	3,055.54
1/2	182.39	1/2	457.84	1/2	753.76	1/2	1,073.41	1/2	1,404.92	1/2	1,736.49	1/2	2,068.06	1/2	2,399.52	1/2	2,730.99	1/2	3,062.45
3/4	187.91	3/4	463.76	3/4	760.19	3/4	1,080.29	3/4	1,411.82	3/4	1,743.40	3/4	2,074.96	3/4	2,406.43	3/4	2,737.89	3/4	3,069.36
9	193.42	9	469.68	9	766.62	9	1,087.18	9	1,418.73	9	1,750.31	9	2,081.87	9	2,413.33	9	2,744.80	9	3,076.26
1/4	198.97	1/4	475.65	1/4	773.09	1/4	1,094.08	1/4	1,425.64	1/4	1,757.21	1/4	2,088.77	1/4	2,420.24	1/4	2,751.70	1/4	3,083.17
1/2	204.52	1/2	481.61	1/2	779.56	1/2	1,100.98	1/2	1,432.55	1/2	1,764.12	1/2	2,095.68	1/2	2,427.14	1/2	2,758.61	1/2	3,090.07
3/4	210.07	3/4	487.57	3/4	786.03	3/4	1,107.88	3/4	1,439.45	3/4	1,771.03	3/4	2,102.59	3/4	2,434.05	3/4	2,765.51	3/4	3,096.98
10	215.62	10	493.53	10	792.50	10	1,114.79	10	1,446.36	10	1,777.94	10	2,109.49	10	2,440.96	10	2,772.42	10	3,103.88
1/4	221.21	1/4	499.54	1/4	799.00	1/4	1,121.70	1/4	1,453.27	1/4	1,784.84	1/4	2,116.40	1/4	2,447.86	1/4	2,779.32	1/4	3,110.79
1/2	226.80	1/2	505.54	1/2	805.51	1/2	1,128.60	1/2	1,460.18	1/2	1,791.75	1/2	2,123.30	1/2	2,454.77	1/2	2,786.23	1/2	3,117.69
3/4	232.39	3/4	511.54	3/4	812.02	3/4	1,135.51	3/4	1,467.09	3/4	1,798.66	3/4	2,130.21	3/4	2,461.67	3/4	2,793.14	3/4	3,124.60
11	237.98	11	517.54	11	818.52	11	1,142.42	11	1,473.99	11	1,805.57	11	2,137.11	11	2,468.58	11	2,800.04	11	3,131.51
1/4	243.61	1/4	523.58	1/4	825.07	1/4	1,149.33	1/4	1,480.90	1/4	1,812.48	1/4	2,144.02	1/4	2,475.48	1/4	2,806.95	1/4	3,138.41
1/2	249.24	1/2	529.62	1/2	831.61	1/2	1,156.23	1/2	1,487.81	1/2	1,819.38	1/2	2,150.92	1/2	2,482.39	1/2	2,813.85	1/2	3,145.32
3/4	254.87	3/4	535.65	3/4	838.16	3/4	1,163.14	3/4	1,494.72	3/4	1,826.29	3/4	2,157.83	3/4	2,489.29	3/4	2,820.76	3/4	3,152.22

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "TMTB 104"

1 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,159.13	0	3,490.59	0	3,821.05	0	4,139.06	0	4,439.89	0		0		0		0		0	
1/4	3,166.03	1/4	3,497.50	1/4	3,827.83	1/4	4,145.49	1/4	4,445.90	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,172.94	1/2	3,504.40	1/2	3,834.61	1/2	4,151.91	1/2	4,451.91	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,179.84	3/4	3,511.31	3/4	3,841.38	3/4	4,158.33	3/4	4,457.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,186.75	1	3,518.21	1	3,848.16	1	4,164.76	1	4,463.94	1		1		1		1		1	
1/4	3,193.65	1/4	3,525.12	1/4	3,854.91	1/4	4,171.15	1/4	4,470.33	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,200.56	1/2	3,532.02	1/2	3,861.67	1/2	4,177.55	1/2	4,476.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,207.47	3/4	3,538.93	3/4	3,868.42	3/4	4,183.95	3/4	4,483.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,214.37	2	3,545.84	2	3,875.17	2	4,190.34	2	4,489.48	2		2		2		2		2	
1/4	3,221.28	1/4	3,552.74	1/4	3,881.89	1/4	4,196.72	1/4	4,496.25	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,228.18	1/2	3,559.65	1/2	3,888.62	1/2	4,203.09	1/2	4,503.02	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,235.09	3/4	3,566.55	3/4	3,895.34	3/4	4,209.46	3/4	4,509.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,241.99	3	3,573.46	3	3,902.07	3	4,215.83	3	4,516.56	3		3		3		3		3	
1/4	3,248.90	1/4	3,580.36	1/4	3,908.77	1/4	4,222.17	1/4	4,523.34	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,255.80	1/2	3,587.27	1/2	3,915.47	1/2	4,228.52	1/2	4,530.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,262.71	3/4	3,594.17	3/4	3,922.17	3/4	4,234.86	3/4	4,536.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,269.62	4	3,601.08	4	3,928.87	4	4,241.21	4	4,543.65	4		4		4		4		4	
1/4	3,276.52	1/4	3,607.98	1/4	3,935.54	1/4	4,247.52	1/4	4,550.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,283.43	1/2	3,614.89	1/2	3,942.21	1/2	4,253.84	1/2	4,556.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,290.33	3/4	3,621.80	3/4	3,948.88	3/4	4,260.16	3/4	4,562.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,297.24	5	3,628.70	5	3,955.56	5	4,266.48	5	4,569.35	5		5		5		5		5	
1/4	3,304.14	1/4	3,635.61	1/4	3,962.20	1/4	4,272.77	1/4	4,574.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,311.05	1/2	3,642.51	1/2	3,968.85	1/2	4,279.06	1/2	4,580.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,317.95	3/4	3,649.42	3/4	3,975.50	3/4	4,285.36	3/4	4,585.53	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,324.86	6	3,656.32	6	3,982.14	6	4,291.65	6	4,590.92	6		6		6		6		6	
1/4	3,331.76	1/4	3,663.23	1/4	3,988.76	1/4	4,297.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,338.67	1/2	3,670.13	1/2	3,995.38	1/2	4,304.18	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,345.58	3/4	3,677.04	3/4	4,002.01	3/4	4,310.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,352.48	7	3,683.95	7	4,008.63	7	4,316.71	7		7		7		7		7		7	
1/4	3,359.39	1/4	3,690.85	1/4	4,015.22	1/4	4,322.95	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,366.29	1/2	3,697.75	1/2	4,021.81	1/2	4,329.19	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,373.20	3/4	3,704.65	3/4	4,028.41	3/4	4,335.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,380.10	8	3,711.56	8	4,035.00	8	4,341.67	8		8		8		8		8		8	
1/4	3,387.01	1/4	3,718.44	1/4	4,041.57	1/4	4,347.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,393.91	1/2	3,725.32	1/2	4,048.14	1/2	4,354.10	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,400.82	3/4	3,732.21	3/4	4,054.71	3/4	4,360.31	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,407.73	9	3,739.09	9	4,061.28	9	4,366.53	9		9		9		9		9		9	
1/4	3,414.63	1/4	3,745.95	1/4	4,067.80	1/4	4,372.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,421.54	1/2	3,752.80	1/2	4,074.32	1/2	4,378.90	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,428.44	3/4	3,759.66	3/4	4,080.84	3/4	4,385.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,435.35	10	3,766.51	10	4,087.36	10	4,391.27	10		10		10		10		10		10	
1/4	3,442.25	1/4	3,773.34	1/4	4,093.84	1/4	4,397.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,449.16	1/2	3,780.17	1/2	4,100.31	1/2	4,403.50	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,456.06	3/4	3,787.00	3/4	4,106.79	3/4	4,409.62	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,462.97	11	3,793.84	11	4,113.27	11	4,415.73	11		11		11		11		11		11	
1/4	3,469.87	1/4	3,800.64	1/4	4,119.71	1/4	4,421.77	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,476.78	1/2	3,807.44	1/2	4,126.16	1/2	4,427.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,483.69	3/4	3,814.25	3/4	4,132.61	3/4	4,433.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/07/2020 JS
CALCULATED: 12/07/2020 CL
PRINTED: 12/07/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2020

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



BARGE "TMTB 104"

2 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-06"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.85	0	387.58	0	774.35	0	1,161.22	0	1,548.40	0	1,935.58	0	2,322.76	0	2,709.90	0	3,096.98	0	3,484.05
1/4	19.23	1/4	395.65	1/4	782.39	1/4	1,169.28	1/4	1,556.46	1/4	1,943.65	1/4	2,330.83	1/4	2,717.97	1/4	3,105.04	1/4	3,492.11
1/2	24.61	1/2	403.71	1/2	790.44	1/2	1,177.35	1/2	1,564.53	1/2	1,951.71	1/2	2,338.90	1/2	2,726.03	1/2	3,113.10	1/2	3,500.18
3/4	29.99	3/4	411.78	3/4	798.48	3/4	1,185.41	3/4	1,572.60	3/4	1,959.78	3/4	2,346.96	3/4	2,734.10	3/4	3,121.17	3/4	3,508.24
1	35.36	1	419.85	1	806.52	1	1,193.48	1	1,580.66	1	1,967.85	1	2,355.03	1	2,742.16	1	3,129.23	1	3,516.30
1/4	42.76	1/4	427.91	1/4	814.57	1/4	1,201.55	1/4	1,588.73	1/4	1,975.91	1/4	2,363.09	1/4	2,750.22	1/4	3,137.30	1/4	3,524.37
1/2	50.15	1/2	435.98	1/2	822.61	1/2	1,209.61	1/2	1,596.80	1/2	1,983.98	1/2	2,371.16	1/2	2,758.29	1/2	3,145.36	1/2	3,532.43
3/4	57.54	3/4	444.04	3/4	830.66	3/4	1,217.68	3/4	1,604.86	3/4	1,992.04	3/4	2,379.23	3/4	2,766.35	3/4	3,153.42	3/4	3,540.50
2	64.94	2	452.11	2	838.70	2	1,225.75	2	1,612.93	2	2,000.11	2	2,387.29	2	2,774.42	2	3,161.49	2	3,548.56
1/4	73.00	1/4	460.18	1/4	846.74	1/4	1,233.81	1/4	1,620.99	1/4	2,008.18	1/4	2,395.36	1/4	2,782.48	1/4	3,169.55	1/4	3,556.62
1/2	81.07	1/2	468.24	1/2	854.79	1/2	1,241.88	1/2	1,629.06	1/2	2,016.24	1/2	2,403.43	1/2	2,790.54	1/2	3,177.62	1/2	3,564.69
3/4	89.14	3/4	476.31	3/4	862.83	3/4	1,249.95	3/4	1,637.13	3/4	2,024.31	3/4	2,411.49	3/4	2,798.61	3/4	3,185.68	3/4	3,572.75
3	97.20	3	484.37	3	870.87	3	1,258.01	3	1,645.19	3	2,032.38	3	2,419.56	3	2,806.67	3	3,193.74	3	3,580.82
1/4	105.27	1/4	492.44	1/4	878.93	1/4	1,266.08	1/4	1,653.26	1/4	2,040.44	1/4	2,427.62	1/4	2,814.74	1/4	3,201.81	1/4	3,588.88
1/2	113.33	1/2	500.51	1/2	886.98	1/2	1,274.14	1/2	1,661.33	1/2	2,048.51	1/2	2,435.69	1/2	2,822.80	1/2	3,209.87	1/2	3,596.94
3/4	121.40	3/4	508.57	3/4	895.04	3/4	1,282.21	3/4	1,669.39	3/4	2,056.57	3/4	2,443.76	3/4	2,830.86	3/4	3,217.94	3/4	3,605.01
4	129.47	4	516.64	4	903.09	4	1,290.28	4	1,677.46	4	2,064.64	4	2,451.82	4	2,838.93	4	3,226.00	4	3,613.07
1/4	137.53	1/4	524.71	1/4	911.16	1/4	1,298.34	1/4	1,685.53	1/4	2,072.71	1/4	2,459.89	1/4	2,846.99	1/4	3,234.06	1/4	3,621.14
1/2	145.60	1/2	532.77	1/2	919.23	1/2	1,306.41	1/2	1,693.59	1/2	2,080.77	1/2	2,467.96	1/2	2,855.06	1/2	3,242.13	1/2	3,629.20
3/4	153.66	3/4	540.84	3/4	927.29	3/4	1,314.48	3/4	1,701.66	3/4	2,088.84	3/4	2,476.02	3/4	2,863.12	3/4	3,250.19	3/4	3,637.26
5	161.73	5	548.90	5	935.36	5	1,322.54	5	1,709.72	5	2,096.91	5	2,484.09	5	2,871.18	5	3,258.26	5	3,645.33
1/4	169.80	1/4	556.97	1/4	943.43	1/4	1,330.61	1/4	1,717.79	1/4	2,104.97	1/4	2,492.16	1/4	2,879.25	1/4	3,266.32	1/4	3,653.39
1/2	177.86	1/2	565.04	1/2	951.49	1/2	1,338.67	1/2	1,725.86	1/2	2,113.04	1/2	2,500.22	1/2	2,887.31	1/2	3,274.38	1/2	3,661.46
3/4	185.93	3/4	573.10	3/4	959.56	3/4	1,346.74	3/4	1,733.92	3/4	2,121.11	3/4	2,508.29	3/4	2,895.38	3/4	3,282.45	3/4	3,669.52
6	194.00	6	581.17	6	967.62	6	1,354.81	6	1,741.99	6	2,129.17	6	2,516.35	6	2,903.44	6	3,290.51	6	3,677.58
1/4	202.06	1/4	589.23	1/4	975.69	1/4	1,362.87	1/4	1,750.06	1/4	2,137.24	1/4	2,524.42	1/4	2,911.50	1/4	3,298.58	1/4	3,685.65
1/2	210.13	1/2	597.30	1/2	983.76	1/2	1,370.94	1/2	1,758.12	1/2	2,145.30	1/2	2,532.49	1/2	2,919.57	1/2	3,306.64	1/2	3,693.71
3/4	218.19	3/4	605.37	3/4	991.82	3/4	1,379.01	3/4	1,766.19	3/4	2,153.37	3/4	2,540.55	3/4	2,927.63	3/4	3,314.70	3/4	3,701.78
7	226.26	7	613.43	7	999.89	7	1,387.07	7	1,774.25	7	2,161.44	7	2,548.62	7	2,935.70	7	3,322.77	7	3,709.84
1/4	234.33	1/4	621.49	1/4	1,007.96	1/4	1,395.14	1/4	1,782.32	1/4	2,169.50	1/4	2,556.68	1/4	2,943.76	1/4	3,330.83	1/4	3,717.90
1/2	242.39	1/2	629.54	1/2	1,016.02	1/2	1,403.20	1/2	1,790.39	1/2	2,177.57	1/2	2,564.75	1/2	2,951.82	1/2	3,338.90	1/2	3,725.97
3/4	250.46	3/4	637.60	3/4	1,024.09	3/4	1,411.27	3/4	1,798.45	3/4	2,185.64	3/4	2,572.81	3/4	2,959.89	3/4	3,346.96	3/4	3,734.03
8	258.52	8	645.65	8	1,032.15	8	1,419.34	8	1,806.52	8	2,193.70	8	2,580.88	8	2,967.95	8	3,355.02	8	3,742.10
1/4	266.59	1/4	653.69	1/4	1,040.22	1/4	1,427.40	1/4	1,814.59	1/4	2,201.77	1/4	2,588.94	1/4	2,976.02	1/4	3,363.09	1/4	3,750.16
1/2	274.66	1/2	661.74	1/2	1,048.29	1/2	1,435.47	1/2	1,822.65	1/2	2,209.83	1/2	2,597.01	1/2	2,984.08	1/2	3,371.15	1/2	3,758.22
3/4	282.72	3/4	669.78	3/4	1,056.35	3/4	1,443.54	3/4	1,830.72	3/4	2,217.90	3/4	2,605.07	3/4	2,992.14	3/4	3,379.22	3/4	3,766.29
9	290.79	9	677.83	9	1,064.42	9	1,451.60	9	1,838.78	9	2,225.97	9	2,613.14	9	3,000.21	9	3,387.28	9	3,774.35
1/4	298.85	1/4	685.87	1/4	1,072.49	1/4	1,459.67	1/4	1,846.85	1/4	2,234.03	1/4	2,621.20	1/4	3,008.27	1/4	3,395.34	1/4	3,782.42
1/2	306.92	1/2	693.91	1/2	1,080.55	1/2	1,467.74	1/2	1,854.92	1/2	2,242.10	1/2	2,629.26	1/2	3,016.34	1/2	3,403.41	1/2	3,790.48
3/4	314.99	3/4	701.96	3/4	1,088.62	3/4	1,475.80	3/4	1,862.98	3/4	2,250.17	3/4	2,637.33	3/4	3,024.40	3/4	3,411.47	3/4	3,798.54
10	323.05	10	710.00	10	1,096.69	10	1,483.87	10	1,871.05	10	2,258.23	10	2,645.39	10	3,032.46	10	3,419.54	10	3,806.61
1/4	331.12	1/4	718.04	1/4	1,104.75	1/4	1,491.93	1/4	1,879.12	1/4	2,266.30	1/4	2,653.46	1/4	3,040.53	1/4	3,427.60	1/4	3,814.67
1/2	339.19	1/2	726.09	1/2	1,112.82	1/2	1,500.00	1/2	1,887.18	1/2	2,274.37	1/2	2,661.52	1/2	3,048.59	1/2	3,435.66	1/2	3,822.74
3/4	347.25	3/4	734.13	3/4	1,120.88	3/4	1,508.07	3/4	1,895.25	3/4	2,282.43	3/4	2,669.58	3/4	3,056.66	3/4	3,443.73	3/4	3,830.80
11	355.32	11	742.17	11	1,128.95	11	1,516.13	11	1,903.32	11	2,290.50	11	2,677.65	11	3,064.72	11	3,451.79	11	3,838.86
1/4	363.38	1/4	750.22	1/4	1,137.02	1/4	1,524.20	1/4	1,911.38	1/4	2,298.56	1/4	2,685.71	1/4	3,072.78	1/4	3,459.86	1/4	3,846.93
1/2	371.45	1/2	758.26	1/2	1,145.08	1/2	1,532.27	1/2	1,919.45	1/2	2,306.63	1/2	2,693.78	1/2	3,080.85	1/2	3,467.92	1/2	3,854.99
3/4	379.52	3/4	766.31	3/4	1,153.15	3/4	1,540.33	3/4	1,927.51	3/4	2,314.70	3/4	2,701.84	3/4	3,088.91	3/4	3,475.98	3/4	3,863.06

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 51'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "TMTB 104"

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

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,871.12	0	4,258.19	0	4,644.08	0	5,015.51	0	5,367.22	0		0		0		0		0	
1/4	3,879.18	1/4	4,266.26	1/4	4,652.00	1/4	5,023.02	1/4	5,374.27	1/4		1/4		1/4		1/4		1/4	
1/2	3,887.25	1/2	4,274.32	1/2	4,659.91	1/2	5,030.53	1/2	5,381.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,895.31	3/4	4,282.38	3/4	4,667.83	3/4	5,038.03	3/4	5,388.36	3/4		3/4		3/4		3/4		3/4	
1	3,903.38	1	4,290.45	1	4,675.74	1	5,045.54	1	5,395.40	1		1		1		1		1	
1/4	3,911.44	1/4	4,298.51	1/4	4,683.63	1/4	5,053.02	1/4	5,402.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,919.50	1/2	4,306.58	1/2	4,691.51	1/2	5,060.50	1/2	5,410.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,927.57	3/4	4,314.64	3/4	4,699.40	3/4	5,067.97	3/4	5,417.84	3/4		3/4		3/4		3/4		3/4	
2	3,935.63	2	4,322.70	2	4,707.28	2	5,075.45	2	5,425.32	2		2		2		2		2	
1/4	3,943.70	1/4	4,330.77	1/4	4,715.13	1/4	5,082.90	1/4	5,433.25	1/4		1/4		1/4		1/4		1/4	
1/2	3,951.76	1/2	4,338.83	1/2	4,722.99	1/2	5,090.34	1/2	5,441.18	1/2		1/2		1/2		1/2		1/2	
3/4	3,959.82	3/4	4,346.90	3/4	4,730.84	3/4	5,097.79	3/4	5,449.11	3/4		3/4		3/4		3/4		3/4	
3	3,967.89	3	4,354.96	3	4,738.69	3	5,105.24	3	5,457.04	3		3		3		3		3	
1/4	3,975.95	1/4	4,363.02	1/4	4,746.52	1/4	5,112.65	1/4	5,464.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,984.02	1/2	4,371.09	1/2	4,754.34	1/2	5,120.07	1/2	5,472.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,992.08	3/4	4,379.15	3/4	4,762.16	3/4	5,127.48	3/4	5,480.83	3/4		3/4		3/4		3/4		3/4	
4	4,000.14	4	4,387.22	4	4,769.99	4	5,134.90	4	5,488.76	4		4		4		4		4	
1/4	4,008.21	1/4	4,395.28	1/4	4,777.78	1/4	5,142.28	1/4	5,496.29	1/4		1/4		1/4		1/4		1/4	
1/2	4,016.27	1/2	4,403.34	1/2	4,785.57	1/2	5,149.67	1/2	5,503.81	1/2		1/2		1/2		1/2		1/2	
3/4	4,024.34	3/4	4,411.41	3/4	4,793.36	3/4	5,157.05	3/4	5,511.34	3/4		3/4		3/4		3/4		3/4	
5	4,032.40	5	4,419.47	5	4,801.15	5	5,164.44	5	5,518.87	5		5		5		5		5	
1/4	4,040.46	1/4	4,427.54	1/4	4,808.92	1/4	5,171.79	1/4	5,525.19	1/4		1/4		1/4		1/4		1/4	
1/2	4,048.53	1/2	4,435.60	1/2	4,816.68	1/2	5,179.15	1/2	5,531.51	1/2		1/2		1/2		1/2		1/2	
3/4	4,056.59	3/4	4,443.66	3/4	4,824.44	3/4	5,186.50	3/4	5,537.82	3/4		3/4		3/4		3/4		3/4	
6	4,064.66	6	4,451.73	6	4,832.20	6	5,193.86	6	5,544.14	6		6		6		6		6	
1/4	4,072.72	1/4	4,459.79	1/4	4,839.93	1/4	5,201.18	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,080.78	1/2	4,467.86	1/2	4,847.66	1/2	5,208.50	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,088.85	3/4	4,475.92	3/4	4,855.39	3/4	5,215.83	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,096.91	7	4,483.98	7	4,863.13	7	5,223.15	7		7		7		7		7		7	
1/4	4,104.98	1/4	4,492.04	1/4	4,870.83	1/4	5,230.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,113.04	1/2	4,500.10	1/2	4,878.53	1/2	5,237.74	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,121.10	3/4	4,508.16	3/4	4,886.23	3/4	5,245.03	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,129.17	8	4,516.22	8	4,893.93	8	5,252.32	8		8		8		8		8		8	
1/4	4,137.23	1/4	4,524.26	1/4	4,901.60	1/4	5,259.59	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,145.30	1/2	4,532.30	1/2	4,909.27	1/2	5,266.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,153.36	3/4	4,540.34	3/4	4,916.94	3/4	5,274.11	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,161.42	9	4,548.37	9	4,924.61	9	5,281.38	9		9		9		9		9		9	
1/4	4,169.49	1/4	4,556.38	1/4	4,932.23	1/4	5,288.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,177.55	1/2	4,564.39	1/2	4,939.85	1/2	5,295.84	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,185.62	3/4	4,572.39	3/4	4,947.47	3/4	5,303.07	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,193.68	10	4,580.40	10	4,955.08	10	5,310.30	10		10		10		10		10		10	
1/4	4,201.74	1/4	4,588.38	1/4	4,962.65	1/4	5,317.46	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,209.81	1/2	4,596.35	1/2	4,970.22	1/2	5,324.61	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,217.87	3/4	4,604.33	3/4	4,977.79	3/4	5,331.77	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,225.94	11	4,612.30	11	4,985.36	11	5,338.92	11		11		11		11		11		11	
1/4	4,234.00	1/4	4,620.25	1/4	4,992.90	1/4	5,346.00	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,242.06	1/2	4,628.19	1/2	5,000.44	1/2	5,353.07	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,250.13	3/4	4,636.14	3/4	5,007.97	3/4	5,360.15	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/07/2020 JS
CALCULATED: 12/07/2020 CL
PRINTED: 12/07/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2020

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



BARGE "TMTB 104"

2 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	13.88	0	388.27	0	770.11	0	1,148.31	0	1,536.18	0	1,924.05	0	2,311.93	0	2,699.76	0	3,087.52	0	3,475.28
1/4	19.26	1/4	396.35	1/4	777.86	1/4	1,156.39	1/4	1,544.26	1/4	1,932.13	1/4	2,320.01	1/4	2,707.83	1/4	3,095.60	1/4	3,483.36
1/2	24.65	1/2	404.43	1/2	785.60	1/2	1,164.47	1/2	1,552.34	1/2	1,940.22	1/2	2,328.09	1/2	2,715.91	1/2	3,103.68	1/2	3,491.44
3/4	30.04	3/4	412.51	3/4	793.35	3/4	1,172.55	3/4	1,560.42	3/4	1,948.30	3/4	2,336.17	3/4	2,723.99	3/4	3,111.75	3/4	3,499.52
1	35.43	1	420.59	1	801.10	1	1,180.63	1	1,568.50	1	1,956.38	1	2,344.25	1	2,732.07	1	3,119.83	1	3,507.60
1/4	42.83	1/4	428.67	1/4	808.84	1/4	1,188.71	1/4	1,576.58	1/4	1,964.46	1/4	2,352.33	1/4	2,740.15	1/4	3,127.91	1/4	3,515.67
1/2	50.24	1/2	436.75	1/2	816.59	1/2	1,196.79	1/2	1,584.66	1/2	1,972.54	1/2	2,360.41	1/2	2,748.23	1/2	3,135.99	1/2	3,523.75
3/4	57.65	3/4	444.83	3/4	824.33	3/4	1,204.87	3/4	1,592.75	3/4	1,980.62	3/4	2,368.49	3/4	2,756.30	3/4	3,144.07	3/4	3,531.83
2	65.05	2	452.91	2	832.08	2	1,212.95	2	1,600.83	2	1,988.70	2	2,376.57	2	2,764.38	2	3,152.15	2	3,539.91
1/4	73.13	1/4	460.99	1/4	839.83	1/4	1,221.03	1/4	1,608.91	1/4	1,996.78	1/4	2,384.65	1/4	2,772.46	1/4	3,160.22	1/4	3,547.99
1/2	81.21	1/2	469.07	1/2	847.57	1/2	1,229.11	1/2	1,616.99	1/2	2,004.86	1/2	2,392.73	1/2	2,780.54	1/2	3,168.30	1/2	3,556.07
3/4	89.29	3/4	477.15	3/4	855.32	3/4	1,237.19	3/4	1,625.07	3/4	2,012.94	3/4	2,400.82	3/4	2,788.62	3/4	3,176.38	3/4	3,564.14
3	97.37	3	485.23	3	863.06	3	1,245.28	3	1,633.15	3	2,021.02	3	2,408.90	3	2,796.70	3	3,184.46	3	3,572.22
1/4	105.46	1/4	493.31	1/4	870.82	1/4	1,253.36	1/4	1,641.23	1/4	2,029.10	1/4	2,416.98	1/4	2,804.77	1/4	3,192.54	1/4	3,580.30
1/2	113.54	1/2	501.39	1/2	878.58	1/2	1,261.44	1/2	1,649.31	1/2	2,037.18	1/2	2,425.06	1/2	2,812.85	1/2	3,200.62	1/2	3,588.38
3/4	121.62	3/4	509.48	3/4	886.34	3/4	1,269.52	3/4	1,657.39	3/4	2,045.26	3/4	2,433.14	3/4	2,820.93	3/4	3,208.69	3/4	3,596.46
4	129.70	4	517.56	4	894.09	4	1,277.60	4	1,665.47	4	2,053.35	4	2,441.22	4	2,829.01	4	3,216.77	4	3,604.54
1/4	137.78	1/4	525.64	1/4	901.86	1/4	1,285.68	1/4	1,673.55	1/4	2,061.43	1/4	2,449.30	1/4	2,837.09	1/4	3,224.85	1/4	3,612.61
1/2	145.86	1/2	533.72	1/2	909.63	1/2	1,293.76	1/2	1,681.63	1/2	2,069.51	1/2	2,457.38	1/2	2,845.17	1/2	3,232.93	1/2	3,620.69
3/4	153.94	3/4	541.80	3/4	917.40	3/4	1,301.84	3/4	1,689.71	3/4	2,077.59	3/4	2,465.46	3/4	2,853.24	3/4	3,241.01	3/4	3,628.77
5	162.02	5	549.88	5	925.17	5	1,309.92	5	1,697.79	5	2,085.67	5	2,473.54	5	2,861.32	5	3,249.09	5	3,636.85
1/4	170.10	1/4	557.96	1/4	932.94	1/4	1,318.00	1/4	1,705.88	1/4	2,093.75	1/4	2,481.62	1/4	2,869.40	1/4	3,257.16	1/4	3,644.93
1/2	178.18	1/2	566.04	1/2	940.71	1/2	1,326.08	1/2	1,713.96	1/2	2,101.83	1/2	2,489.70	1/2	2,877.48	1/2	3,265.24	1/2	3,653.01
3/4	186.26	3/4	574.12	3/4	948.47	3/4	1,334.16	3/4	1,722.04	3/4	2,109.91	3/4	2,497.78	3/4	2,885.56	3/4	3,273.32	3/4	3,661.08
6	194.34	6	582.20	6	956.24	6	1,342.24	6	1,730.12	6	2,117.99	6	2,505.86	6	2,893.64	6	3,281.40	6	3,669.16
1/4	202.42	1/4	590.28	1/4	964.01	1/4	1,350.32	1/4	1,738.20	1/4	2,126.07	1/4	2,513.95	1/4	2,901.72	1/4	3,289.48	1/4	3,677.24
1/2	210.50	1/2	598.36	1/2	971.78	1/2	1,358.41	1/2	1,746.28	1/2	2,134.15	1/2	2,522.03	1/2	2,909.79	1/2	3,297.56	1/2	3,685.32
3/4	218.58	3/4	606.44	3/4	979.55	3/4	1,366.49	3/4	1,754.36	3/4	2,142.23	3/4	2,530.11	3/4	2,917.87	3/4	3,305.64	3/4	3,693.40
7	226.66	7	614.52	7	987.32	7	1,374.57	7	1,762.44	7	2,150.31	7	2,538.19	7	2,925.95	7	3,313.71	7	3,701.48
1/4	234.74	1/4	622.43	1/4	995.24	1/4	1,382.65	1/4	1,770.52	1/4	2,158.39	1/4	2,546.27	1/4	2,934.03	1/4	3,321.79	1/4	3,709.56
1/2	242.82	1/2	630.35	1/2	1,003.17	1/2	1,390.73	1/2	1,778.60	1/2	2,166.48	1/2	2,554.34	1/2	2,942.11	1/2	3,329.87	1/2	3,717.63
3/4	250.90	3/4	638.26	3/4	1,011.09	3/4	1,398.81	3/4	1,786.68	3/4	2,174.56	3/4	2,562.42	3/4	2,950.19	3/4	3,337.95	3/4	3,725.71
8	258.98	8	646.18	8	1,019.02	8	1,406.89	8	1,794.76	8	2,182.64	8	2,570.50	8	2,958.26	8	3,346.03	8	3,733.79
1/4	267.06	1/4	653.92	1/4	1,027.10	1/4	1,414.97	1/4	1,802.84	1/4	2,190.72	1/4	2,578.58	1/4	2,966.34	1/4	3,354.11	1/4	3,741.87
1/2	275.14	1/2	661.67	1/2	1,035.18	1/2	1,423.05	1/2	1,810.92	1/2	2,198.80	1/2	2,586.66	1/2	2,974.42	1/2	3,362.18	1/2	3,749.95
3/4	283.22	3/4	669.41	3/4	1,043.26	3/4	1,431.13	3/4	1,819.01	3/4	2,206.88	3/4	2,594.74	3/4	2,982.50	3/4	3,370.26	3/4	3,758.03
9	291.30	9	677.16	9	1,051.34	9	1,439.21	9	1,827.09	9	2,214.96	9	2,602.81	9	2,990.58	9	3,378.34	9	3,766.10
1/4	299.38	1/4	684.91	1/4	1,059.42	1/4	1,447.29	1/4	1,835.17	1/4	2,223.04	1/4	2,610.89	1/4	2,998.66	1/4	3,386.42	1/4	3,774.18
1/2	307.47	1/2	692.65	1/2	1,067.50	1/2	1,455.37	1/2	1,843.25	1/2	2,231.12	1/2	2,618.97	1/2	3,006.73	1/2	3,394.50	1/2	3,782.26
3/4	315.55	3/4	700.40	3/4	1,075.58	3/4	1,463.45	3/4	1,851.33	3/4	2,239.20	3/4	2,627.05	3/4	3,014.81	3/4	3,402.58	3/4	3,790.34
10	323.63	10	708.14	10	1,083.66	10	1,471.54	10	1,859.41	10	2,247.28	10	2,635.13	10	3,022.89	10	3,410.65	10	3,798.42
1/4	331.71	1/4	715.89	1/4	1,091.74	1/4	1,479.62	1/4	1,867.49	1/4	2,255.36	1/4	2,643.21	1/4	3,030.97	1/4	3,418.73	1/4	3,806.50
1/2	339.79	1/2	723.64	1/2	1,099.82	1/2	1,487.70	1/2	1,875.57	1/2	2,263.44	1/2	2,651.28	1/2	3,039.05	1/2	3,426.81	1/2	3,814.57
3/4	347.87	3/4	731.38	3/4	1,107.90	3/4	1,495.78	3/4	1,883.65	3/4	2,271.52	3/4	2,659.36	3/4	3,047.13	3/4	3,434.89	3/4	3,822.65
11	355.95	11	739.13	11	1,115.98	11	1,503.86	11	1,891.73	11	2,279.61	11	2,667.44	11	3,055.20	11	3,442.97	11	3,830.73
1/4	364.03	1/4	746.87	1/4	1,124.06	1/4	1,511.94	1/4	1,899.81	1/4	2,287.69	1/4	2,675.52	1/4	3,063.28	1/4	3,451.05	1/4	3,838.81
1/2	372.11	1/2	754.62	1/2	1,132.15	1/2	1,520.02	1/2	1,907.89	1/2	2,295.77	1/2	2,683.60	1/2	3,071.36	1/2	3,459.12	1/2	3,846.89
3/4	380.19	3/4	762.37	3/4	1,140.23	3/4	1,528.10	3/4	1,915.97	3/4	2,303.85	3/4	2,691.68	3/4	3,079.44	3/4	3,467.20	3/4	3,854.97

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 51'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "TMTB 104"

2 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,863.04	0	4,250.81	0	4,637.39	0	5,009.50	0	5,361.89	0		0		0		0		0	
1/4	3,871.12	1/4	4,258.89	1/4	4,645.31	1/4	5,017.02	1/4	5,368.95	1/4		1/4		1/4		1/4		1/4	
1/2	3,879.20	1/2	4,266.96	1/2	4,653.24	1/2	5,024.54	1/2	5,376.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,887.28	3/4	4,275.04	3/4	4,661.17	3/4	5,032.06	3/4	5,383.07	3/4		3/4		3/4		3/4		3/4	
1	3,895.36	1	4,283.12	1	4,669.10	1	5,039.59	1	5,390.13	1		1		1		1		1	
1/4	3,903.44	1/4	4,291.20	1/4	4,677.00	1/4	5,047.08	1/4	5,397.62	1/4		1/4		1/4		1/4		1/4	
1/2	3,911.52	1/2	4,299.28	1/2	4,684.90	1/2	5,054.57	1/2	5,405.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,919.59	3/4	4,307.36	3/4	4,692.80	3/4	5,062.06	3/4	5,412.61	3/4		3/4		3/4		3/4		3/4	
2	3,927.67	2	4,315.44	2	4,700.70	2	5,069.55	2	5,420.10	2		2		2		2		2	
1/4	3,935.75	1/4	4,323.51	1/4	4,708.56	1/4	5,077.01	1/4	5,428.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,943.83	1/2	4,331.59	1/2	4,716.43	1/2	5,084.47	1/2	5,435.99	1/2		1/2		1/2		1/2		1/2	
3/4	3,951.91	3/4	4,339.67	3/4	4,724.30	3/4	5,091.93	3/4	5,443.94	3/4		3/4		3/4		3/4		3/4	
3	3,959.99	3	4,347.75	3	4,732.17	3	5,099.39	3	5,451.88	3		3		3		3		3	
1/4	3,968.06	1/4	4,355.83	1/4	4,740.00	1/4	5,106.82	1/4	5,459.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,976.14	1/2	4,363.91	1/2	4,747.84	1/2	5,114.25	1/2	5,467.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,984.22	3/4	4,371.98	3/4	4,755.68	3/4	5,121.68	3/4	5,475.71	3/4		3/4		3/4		3/4		3/4	
4	3,992.30	4	4,380.06	4	4,763.52	4	5,129.11	4	5,483.65	4		4		4		4		4	
1/4	4,000.38	1/4	4,388.14	1/4	4,771.32	1/4	5,136.51	1/4	5,491.20	1/4		1/4		1/4		1/4		1/4	
1/2	4,008.46	1/2	4,396.22	1/2	4,779.13	1/2	5,143.91	1/2	5,498.74	1/2		1/2		1/2		1/2		1/2	
3/4	4,016.53	3/4	4,404.30	3/4	4,786.94	3/4	5,151.31	3/4	5,506.28	3/4		3/4		3/4		3/4		3/4	
5	4,024.61	5	4,412.38	5	4,794.74	5	5,158.71	5	5,513.82	5		5		5		5		5	
1/4	4,032.69	1/4	4,420.45	1/4	4,802.52	1/4	5,166.08	1/4	5,520.15	1/4		1/4		1/4		1/4		1/4	
1/2	4,040.77	1/2	4,428.53	1/2	4,810.29	1/2	5,173.45	1/2	5,526.48	1/2		1/2		1/2		1/2		1/2	
3/4	4,048.85	3/4	4,436.61	3/4	4,818.07	3/4	5,180.82	3/4	5,532.81	3/4		3/4		3/4		3/4		3/4	
6	4,056.93	6	4,444.69	6	4,825.85	6	5,188.19	6	5,539.14	6		6		6		6		6	
1/4	4,065.00	1/4	4,452.77	1/4	4,833.59	1/4	5,195.52	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,073.08	1/2	4,460.85	1/2	4,841.34	1/2	5,202.86	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,081.16	3/4	4,468.92	3/4	4,849.08	3/4	5,210.20	3/4		3/4		3/4		3/4		3/4		3/4	
7	4,089.24	7	4,477.00	7	4,856.83	7	5,217.54	7		7		7		7		7		7	
1/4	4,097.32	1/4	4,485.08	1/4	4,864.54	1/4	5,224.84	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,105.40	1/2	4,493.15	1/2	4,872.26	1/2	5,232.15	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,113.48	3/4	4,501.22	3/4	4,879.97	3/4	5,239.46	3/4		3/4		3/4		3/4		3/4		3/4	
8	4,121.55	8	4,509.29	8	4,887.69	8	5,246.77	8		8		8		8		8		8	
1/4	4,129.63	1/4	4,517.35	1/4	4,895.37	1/4	5,254.04	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,137.71	1/2	4,525.40	1/2	4,903.05	1/2	5,261.32	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,145.79	3/4	4,533.45	3/4	4,910.74	3/4	5,268.60	3/4		3/4		3/4		3/4		3/4		3/4	
9	4,153.87	9	4,541.50	9	4,918.42	9	5,275.87	9		9		9		9		9		9	
1/4	4,161.95	1/4	4,549.52	1/4	4,926.06	1/4	5,283.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,170.02	1/2	4,557.54	1/2	4,933.69	1/2	5,290.37	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,178.10	3/4	4,565.56	3/4	4,941.32	3/4	5,297.61	3/4		3/4		3/4		3/4		3/4		3/4	
10	4,186.18	10	4,573.58	10	4,948.96	10	5,304.86	10		10		10		10		10		10	
1/4	4,194.26	1/4	4,581.58	1/4	4,956.54	1/4	5,312.03	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,202.34	1/2	4,589.57	1/2	4,964.12	1/2	5,319.20	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,210.42	3/4	4,597.56	3/4	4,971.71	3/4	5,326.36	3/4		3/4		3/4		3/4		3/4		3/4	
11	4,218.49	11	4,605.55	11	4,979.29	11	5,333.53	11		11		11		11		11		11	
1/4	4,226.57	1/4	4,613.51	1/4	4,986.84	1/4	5,340.62	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	4,234.65	1/2	4,621.47	1/2	4,994.39	1/2	5,347.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	4,242.73	3/4	4,629.43	3/4	5,001.95	3/4	5,354.80	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/07/2020 JS
CALCULATED: 12/07/2020 CL
PRINTED: 12/07/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "TMTB 104"

3 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-06 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.97	0	362.02	0	723.22	0	1,083.90	0	1,445.08	0	1,806.27	0	2,167.47	0	2,528.40	0	2,889.25	0	3,250.10
1/4	17.99	1/4	369.55	1/4	730.73	1/4	1,091.41	1/4	1,452.60	1/4	1,813.80	1/4	2,174.99	1/4	2,535.92	1/4	2,896.77	1/4	3,257.62
1/2	23.01	1/2	377.09	1/2	738.25	1/2	1,098.91	1/2	1,460.13	1/2	1,821.32	1/2	2,182.52	1/2	2,543.43	1/2	2,904.28	1/2	3,265.13
3/4	28.03	3/4	384.62	3/4	745.76	3/4	1,106.42	3/4	1,467.65	3/4	1,828.85	3/4	2,190.04	3/4	2,550.95	3/4	2,911.80	3/4	3,272.65
1	33.06	1	392.15	1	753.27	1	1,113.92	1	1,475.18	1	1,836.37	1	2,197.57	1	2,558.47	1	2,919.32	1	3,280.17
1/4	39.96	1/4	399.69	1/4	760.78	1/4	1,121.43	1/4	1,482.70	1/4	1,843.90	1/4	2,205.09	1/4	2,565.99	1/4	2,926.84	1/4	3,287.69
1/2	46.87	1/2	407.22	1/2	768.29	1/2	1,128.94	1/2	1,490.23	1/2	1,851.42	1/2	2,212.62	1/2	2,573.51	1/2	2,934.35	1/2	3,295.20
3/4	53.77	3/4	414.75	3/4	775.80	3/4	1,136.44	3/4	1,497.75	3/4	1,858.95	3/4	2,220.14	3/4	2,581.02	3/4	2,941.87	3/4	3,302.72
2	60.68	2	422.29	2	783.31	2	1,143.95	2	1,505.28	2	1,866.47	2	2,227.67	2	2,588.54	2	2,949.39	2	3,310.24
1/4	68.21	1/4	429.82	1/4	790.82	1/4	1,151.47	1/4	1,512.80	1/4	1,874.00	1/4	2,235.19	1/4	2,596.06	1/4	2,956.91	1/4	3,317.76
1/2	75.75	1/2	437.35	1/2	798.33	1/2	1,158.98	1/2	1,520.33	1/2	1,881.52	1/2	2,242.72	1/2	2,603.58	1/2	2,964.43	1/2	3,325.28
3/4	83.28	3/4	444.89	3/4	805.85	3/4	1,166.50	3/4	1,527.85	3/4	1,889.05	3/4	2,250.24	3/4	2,611.09	3/4	2,971.94	3/4	3,332.79
3	90.81	3	452.42	3	813.36	3	1,174.02	3	1,535.38	3	1,896.57	3	2,257.76	3	2,618.61	3	2,979.46	3	3,340.31
1/4	98.35	1/4	459.95	1/4	820.88	1/4	1,181.55	1/4	1,542.90	1/4	1,904.10	1/4	2,265.28	1/4	2,626.13	1/4	2,986.98	1/4	3,347.83
1/2	105.88	1/2	467.49	1/2	828.40	1/2	1,189.09	1/2	1,550.43	1/2	1,911.62	1/2	2,272.80	1/2	2,633.65	1/2	2,994.50	1/2	3,355.35
3/4	113.41	3/4	475.02	3/4	835.92	3/4	1,196.62	3/4	1,557.95	3/4	1,919.15	3/4	2,280.31	3/4	2,641.16	3/4	3,002.01	3/4	3,362.86
4	120.95	4	482.55	4	843.44	4	1,204.15	4	1,565.48	4	1,926.67	4	2,287.83	4	2,648.68	4	3,009.53	4	3,370.38
1/4	128.48	1/4	490.09	1/4	850.98	1/4	1,211.68	1/4	1,573.00	1/4	1,934.20	1/4	2,295.35	1/4	2,656.20	1/4	3,017.05	1/4	3,377.91
1/2	136.01	1/2	497.62	1/2	858.51	1/2	1,219.21	1/2	1,580.53	1/2	1,941.72	1/2	2,302.87	1/2	2,663.72	1/2	3,024.57	1/2	3,385.43
3/4	143.55	3/4	505.16	3/4	866.05	3/4	1,226.75	3/4	1,588.05	3/4	1,949.25	3/4	2,310.39	3/4	2,671.24	3/4	3,032.08	3/4	3,392.96
5	151.08	5	512.69	5	873.58	5	1,234.28	5	1,595.58	5	1,956.77	5	2,317.90	5	2,678.75	5	3,039.60	5	3,400.49
1/4	158.61	1/4	520.22	1/4	881.11	1/4	1,241.81	1/4	1,603.10	1/4	1,964.30	1/4	2,325.42	1/4	2,686.27	1/4	3,047.12	1/4	3,408.02
1/2	166.15	1/2	527.76	1/2	888.65	1/2	1,249.34	1/2	1,610.63	1/2	1,971.82	1/2	2,332.94	1/2	2,693.79	1/2	3,054.64	1/2	3,415.55
3/4	173.68	3/4	535.29	3/4	896.18	3/4	1,256.88	3/4	1,618.15	3/4	1,979.35	3/4	2,340.46	3/4	2,701.31	3/4	3,062.16	3/4	3,423.09
6	181.21	6	542.82	6	903.71	6	1,264.41	6	1,625.68	6	1,986.87	6	2,347.97	6	2,708.82	6	3,069.67	6	3,430.62
1/4	188.75	1/4	550.36	1/4	911.23	1/4	1,271.94	1/4	1,633.20	1/4	1,994.40	1/4	2,355.49	1/4	2,716.34	1/4	3,077.19	1/4	3,438.15
1/2	196.28	1/2	557.89	1/2	918.75	1/2	1,279.47	1/2	1,640.73	1/2	2,001.92	1/2	2,363.01	1/2	2,723.86	1/2	3,084.71	1/2	3,445.69
3/4	203.81	3/4	565.42	3/4	926.27	3/4	1,287.00	3/4	1,648.25	3/4	2,009.45	3/4	2,370.53	3/4	2,731.38	3/4	3,092.23	3/4	3,453.22
7	211.35	7	572.96	7	933.79	7	1,294.54	7	1,655.78	7	2,016.97	7	2,378.04	7	2,738.89	7	3,099.74	7	3,460.75
1/4	218.88	1/4	580.48	1/4	941.30	1/4	1,302.07	1/4	1,663.30	1/4	2,024.50	1/4	2,385.56	1/4	2,746.41	1/4	3,107.26	1/4	3,468.29
1/2	226.42	1/2	588.00	1/2	948.80	1/2	1,309.60	1/2	1,670.83	1/2	2,032.02	1/2	2,393.08	1/2	2,753.93	1/2	3,114.78	1/2	3,475.82
3/4	233.95	3/4	595.52	3/4	956.31	3/4	1,317.13	3/4	1,678.35	3/4	2,039.55	3/4	2,400.60	3/4	2,761.45	3/4	3,122.30	3/4	3,483.36
8	241.48	8	603.05	8	963.81	8	1,324.67	8	1,685.88	8	2,047.07	8	2,408.12	8	2,768.97	8	3,129.81	8	3,490.89
1/4	249.02	1/4	610.56	1/4	971.32	1/4	1,332.19	1/4	1,693.40	1/4	2,054.60	1/4	2,415.63	1/4	2,776.48	1/4	3,137.33	1/4	3,498.42
1/2	256.55	1/2	618.07	1/2	978.83	1/2	1,339.72	1/2	1,700.93	1/2	2,062.12	1/2	2,423.15	1/2	2,784.00	1/2	3,144.85	1/2	3,505.96
3/4	264.08	3/4	625.58	3/4	986.33	3/4	1,347.25	3/4	1,708.45	3/4	2,069.65	3/4	2,430.67	3/4	2,791.52	3/4	3,152.37	3/4	3,513.49
9	271.62	9	633.09	9	993.84	9	1,354.78	9	1,715.98	9	2,077.17	9	2,438.19	9	2,799.04	9	3,159.89	9	3,521.02
1/4	279.15	1/4	640.60	1/4	1,001.34	1/4	1,362.31	1/4	1,723.50	1/4	2,084.70	1/4	2,445.70	1/4	2,806.55	1/4	3,167.40	1/4	3,528.56
1/2	286.68	1/2	648.11	1/2	1,008.85	1/2	1,369.83	1/2	1,731.03	1/2	2,092.22	1/2	2,453.22	1/2	2,814.07	1/2	3,174.92	1/2	3,536.09
3/4	294.22	3/4	655.62	3/4	1,016.35	3/4	1,377.36	3/4	1,738.55	3/4	2,099.75	3/4	2,460.74	3/4	2,821.59	3/4	3,182.44	3/4	3,543.63
10	301.75	10	663.13	10	1,023.86	10	1,384.88	10	1,746.08	10	2,107.27	10	2,468.26	10	2,829.11	10	3,189.96	10	3,551.16
1/4	308.30	1/4	670.65	1/4	1,031.36	1/4	1,392.41	1/4	1,753.60	1/4	2,114.80	1/4	2,475.78	1/4	2,836.62	1/4	3,197.47	1/4	3,558.69
1/2	314.85	1/2	678.16	1/2	1,038.87	1/2	1,399.93	1/2	1,761.13	1/2	2,122.32	1/2	2,483.29	1/2	2,844.14	1/2	3,204.99	1/2	3,566.23
3/4	323.37	3/4	685.67	3/4	1,046.38	3/4	1,407.45	3/4	1,768.65	3/4	2,129.85	3/4	2,490.81	3/4	2,851.66	3/4	3,212.51	3/4	3,573.76
11	331.88	11	693.18	11	1,053.88	11	1,414.98	11	1,776.18	11	2,137.37	11	2,498.33	11	2,859.18	11	3,220.03	11	3,581.29
1/4	339.42	1/4	700.69	1/4	1,061.39	1/4	1,422.50	1/4	1,783.70	1/4	2,144.90	1/4	2,505.85	1/4	2,866.70	1/4	3,227.55	1/4	3,588.83
1/2	346.95	1/2	708.20	1/2	1,068.89	1/2	1,430.03	1/2	1,791.22	1/2	2,152.42	1/2	2,513.36	1/2	2,874.21	1/2	3,235.06	1/2	3,596.36
3/4	354.49	3/4	715.71	3/4	1,076.40	3/4	1,437.55	3/4	1,798.75	3/4	2,159.94	3/4	2,520.88	3/4	2,881.73	3/4	3,242.58	3/4	3,603.90

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "TMTB 104"

3 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,611.43	0	3,882.36	0	4,148.54	0	4,404.35	0	4,645.15	0		0		0		0		0	
1/4	3,618.96	1/4	3,887.92	1/4	4,153.99	1/4	4,409.49	1/4	4,649.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,626.50	1/2	3,893.49	1/2	4,159.45	1/2	4,414.63	1/2	4,654.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.06	3/4	3,899.05	3/4	4,164.91	3/4	4,419.77	3/4	4,659.62	3/4		3/4		3/4		3/4		3/4	
1	3,637.62	1	3,904.61	1	4,170.37	1	4,424.91	1	4,664.45	1		1		1		1		1	
1/4	3,643.18	1/4	3,910.17	1/4	4,175.81	1/4	4,430.03	1/4	4,669.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,648.75	1/2	3,915.74	1/2	4,181.25	1/2	4,435.15	1/2	4,674.70	1/2		1/2		1/2		1/2		1/2	
3/4	3,654.31	3/4	3,921.30	3/4	4,186.69	3/4	4,440.27	3/4	4,679.83	3/4		3/4		3/4		3/4		3/4	
2	3,659.87	2	3,926.86	2	4,192.13	2	4,445.39	2	4,684.95	2		2		2		2		2	
1/4	3,665.43	1/4	3,932.42	1/4	4,197.54	1/4	4,450.49	1/4	4,690.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,670.99	1/2	3,937.99	1/2	4,202.96	1/2	4,455.59	1/2	4,695.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,676.56	3/4	3,943.55	3/4	4,208.38	3/4	4,460.68	3/4	4,701.26	3/4		3/4		3/4		3/4		3/4	
3	3,682.12	3	3,949.11	3	4,213.79	3	4,465.78	3	4,706.70	3		3		3		3		3	
1/4	3,687.68	1/4	3,954.67	1/4	4,219.19	1/4	4,470.86	1/4	4,712.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,693.24	1/2	3,960.23	1/2	4,224.59	1/2	4,475.94	1/2	4,717.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,698.81	3/4	3,965.80	3/4	4,229.98	3/4	4,481.01	3/4	4,723.00	3/4		3/4		3/4		3/4		3/4	
4	3,704.37	4	3,971.36	4	4,235.38	4	4,486.09	4	4,728.44	4		4		4		4		4	
1/4	3,709.93	1/4	3,976.92	1/4	4,240.75	1/4	4,491.15	1/4	4,733.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,715.49	1/2	3,982.48	1/2	4,246.13	1/2	4,496.20	1/2	4,738.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,721.06	3/4	3,988.05	3/4	4,251.50	3/4	4,501.26	3/4	4,743.62	3/4		3/4		3/4		3/4		3/4	
5	3,726.62	5	3,993.61	5	4,256.88	5	4,506.31	5	4,748.68	5		5		5		5		5	
1/4	3,732.18	1/4	3,999.17	1/4	4,262.23	1/4	4,511.35	1/4	4,752.60	1/4		1/4		1/4		1/4		1/4	
1/2	3,737.74	1/2	4,004.73	1/2	4,267.58	1/2	4,516.38	1/2	4,756.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,743.30	3/4	4,010.30	3/4	4,272.94	3/4	4,521.42	3/4	4,760.46	3/4		3/4		3/4		3/4		3/4	
6	3,748.87	6	4,015.86	6	4,278.29	6	4,526.45	6	4,764.39	6		6		6		6		6	
1/4	3,754.43	1/4	4,021.42	1/4	4,283.62	1/4	4,531.47	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,759.99	1/2	4,026.98	1/2	4,288.96	1/2	4,536.48	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,765.55	3/4	4,032.54	3/4	4,294.29	3/4	4,541.49	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,771.12	7	4,038.11	7	4,299.62	7	4,546.51	7		7		7		7		7		7	
1/4	3,776.68	1/4	4,043.67	1/4	4,304.93	1/4	4,551.50	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.24	1/2	4,049.22	1/2	4,310.24	1/2	4,556.49	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,787.80	3/4	4,054.78	3/4	4,315.56	3/4	4,561.48	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,793.37	8	4,060.34	8	4,320.87	8	4,566.48	8		8		8		8		8		8	
1/4	3,798.93	1/4	4,065.89	1/4	4,326.16	1/4	4,571.45	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,804.49	1/2	4,071.43	1/2	4,331.45	1/2	4,576.42	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,810.05	3/4	4,076.97	3/4	4,336.74	3/4	4,581.39	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,815.61	9	4,082.52	9	4,342.03	9	4,586.36	9		9		9		9		9		9	
1/4	3,821.18	1/4	4,088.04	1/4	4,347.26	1/4	4,591.31	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,826.74	1/2	4,093.56	1/2	4,352.50	1/2	4,596.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,832.30	3/4	4,099.08	3/4	4,357.74	3/4	4,601.21	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,837.86	10	4,104.61	10	4,362.97	10	4,606.16	10		10		10		10		10		10	
1/4	3,843.43	1/4	4,110.11	1/4	4,368.16	1/4	4,611.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,848.99	1/2	4,115.61	1/2	4,373.34	1/2	4,615.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,854.55	3/4	4,121.11	3/4	4,378.52	3/4	4,620.86	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,860.11	11	4,126.61	11	4,383.70	11	4,625.76	11		11		11		11		11		11	
1/4	3,865.68	1/4	4,132.09	1/4	4,388.87	1/4	4,630.60	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,871.24	1/2	4,137.57	1/2	4,394.03	1/2	4,635.45	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,876.80	3/4	4,143.05	3/4	4,399.19	3/4	4,640.30	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/07/2020 JS
CALCULATED: 12/07/2020 CL
PRINTED: 12/07/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "TMTB 104"

3 STBD INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	12.96	0	361.57	0	716.84	0	1,068.84	0	1,429.61	0	1,790.38	0	2,147.89	0	2,507.99	0	2,868.35	0	3,228.77
1/4	17.98	1/4	369.09	1/4	724.05	1/4	1,076.35	1/4	1,437.13	1/4	1,797.90	1/4	2,155.33	1/4	2,515.49	1/4	2,875.86	1/4	3,236.28
1/2	23.00	1/2	376.61	1/2	731.26	1/2	1,083.87	1/2	1,444.65	1/2	1,805.41	1/2	2,162.77	1/2	2,523.00	1/2	2,883.37	1/2	3,243.79
3/4	28.02	3/4	384.12	3/4	738.46	3/4	1,091.39	3/4	1,452.16	3/4	1,812.93	3/4	2,170.20	3/4	2,530.50	3/4	2,890.88	3/4	3,251.30
1	33.04	1	391.64	1	745.67	1	1,098.90	1	1,459.68	1	1,820.45	1	2,177.64	1	2,538.01	1	2,898.39	1	3,258.81
1/4	39.95	1/4	399.16	1/4	752.87	1/4	1,106.42	1/4	1,467.19	1/4	1,827.92	1/4	2,185.12	1/4	2,545.52	1/4	2,905.90	1/4	3,266.32
1/2	46.85	1/2	406.68	1/2	760.08	1/2	1,113.94	1/2	1,474.71	1/2	1,835.40	1/2	2,192.60	1/2	2,553.02	1/2	2,913.41	1/2	3,273.82
3/4	53.75	3/4	414.20	3/4	767.28	3/4	1,121.45	3/4	1,482.23	3/4	1,842.88	3/4	2,200.08	3/4	2,560.53	3/4	2,920.92	3/4	3,281.33
2	60.66	2	421.72	2	774.49	2	1,128.97	2	1,489.74	2	1,850.36	2	2,207.56	2	2,568.04	2	2,928.42	2	3,288.84
1/4	68.19	1/4	429.24	1/4	781.69	1/4	1,136.48	1/4	1,497.26	1/4	1,857.80	1/4	2,215.07	1/4	2,575.54	1/4	2,935.93	1/4	3,296.35
1/2	75.72	1/2	436.76	1/2	788.90	1/2	1,144.00	1/2	1,504.77	1/2	1,865.23	1/2	2,222.59	1/2	2,583.05	1/2	2,943.44	1/2	3,303.86
3/4	83.25	3/4	444.28	3/4	796.10	3/4	1,151.52	3/4	1,512.29	3/4	1,872.67	3/4	2,230.11	3/4	2,590.56	3/4	2,950.95	3/4	3,311.37
3	90.78	3	451.80	3	803.31	3	1,159.03	3	1,519.81	3	1,880.11	3	2,237.62	3	2,598.06	3	2,958.46	3	3,318.88
1/4	98.31	1/4	459.32	1/4	810.53	1/4	1,166.55	1/4	1,527.32	1/4	1,887.55	1/4	2,245.13	1/4	2,605.57	1/4	2,965.97	1/4	3,326.39
1/2	105.84	1/2	466.84	1/2	817.76	1/2	1,174.07	1/2	1,534.84	1/2	1,894.99	1/2	2,252.64	1/2	2,613.08	1/2	2,973.48	1/2	3,333.89
3/4	113.38	3/4	474.36	3/4	824.98	3/4	1,181.58	3/4	1,542.35	3/4	1,902.43	3/4	2,260.16	3/4	2,620.58	3/4	2,980.98	3/4	3,341.40
4	120.91	4	481.88	4	832.20	4	1,189.10	4	1,549.87	4	1,909.86	4	2,267.67	4	2,628.09	4	2,988.49	4	3,348.91
1/4	128.43	1/4	489.39	1/4	839.44	1/4	1,196.61	1/4	1,557.39	1/4	1,917.30	1/4	2,275.18	1/4	2,635.60	1/4	2,996.00	1/4	3,356.43
1/2	135.96	1/2	496.91	1/2	846.68	1/2	1,204.13	1/2	1,564.90	1/2	1,924.74	1/2	2,282.69	1/2	2,643.10	1/2	3,003.51	1/2	3,363.94
3/4	143.49	3/4	504.43	3/4	853.92	3/4	1,211.65	3/4	1,572.42	3/4	1,932.18	3/4	2,290.20	3/4	2,650.61	3/4	3,011.02	3/4	3,371.45
5	151.02	5	511.95	5	861.16	5	1,219.16	5	1,579.93	5	1,939.62	5	2,297.72	5	2,658.12	5	3,018.53	5	3,378.97
1/4	158.54	1/4	519.47	1/4	868.40	1/4	1,226.68	1/4	1,587.45	1/4	1,947.06	1/4	2,305.23	1/4	2,665.62	1/4	3,026.04	1/4	3,386.49
1/2	166.06	1/2	526.99	1/2	875.64	1/2	1,234.19	1/2	1,594.97	1/2	1,954.49	1/2	2,312.74	1/2	2,673.13	1/2	3,033.55	1/2	3,394.00
3/4	173.59	3/4	534.51	3/4	882.87	3/4	1,241.71	3/4	1,602.48	3/4	1,961.93	3/4	2,320.25	3/4	2,680.64	3/4	3,041.05	3/4	3,401.52
6	181.11	6	542.03	6	890.11	6	1,249.23	6	1,610.00	6	1,969.37	6	2,327.76	6	2,688.15	6	3,048.56	6	3,409.04
1/4	188.63	1/4	549.55	1/4	897.35	1/4	1,256.74	1/4	1,617.51	1/4	1,976.81	1/4	2,335.28	1/4	2,695.65	1/4	3,056.07	1/4	3,416.56
1/2	196.15	1/2	557.07	1/2	904.59	1/2	1,264.26	1/2	1,625.03	1/2	1,984.25	1/2	2,342.79	1/2	2,703.16	1/2	3,063.58	1/2	3,424.07
3/4	203.67	3/4	564.59	3/4	911.83	3/4	1,271.78	3/4	1,632.55	3/4	1,991.68	3/4	2,350.30	3/4	2,710.67	3/4	3,071.09	3/4	3,431.59
7	211.18	7	572.11	7	919.07	7	1,279.29	7	1,640.06	7	1,999.12	7	2,357.81	7	2,718.18	7	3,078.60	7	3,439.11
1/4	218.70	1/4	579.47	1/4	926.45	1/4	1,286.81	1/4	1,647.58	1/4	2,006.56	1/4	2,365.32	1/4	2,725.69	1/4	3,086.11	1/4	3,446.63
1/2	226.22	1/2	586.83	1/2	933.82	1/2	1,294.32	1/2	1,655.09	1/2	2,014.00	1/2	2,372.84	1/2	2,733.20	1/2	3,093.62	1/2	3,454.16
3/4	233.74	3/4	594.19	3/4	941.20	3/4	1,301.84	3/4	1,662.61	3/4	2,021.44	3/4	2,380.35	3/4	2,740.71	3/4	3,101.12	3/4	3,461.68
8	241.26	8	601.56	8	948.58	8	1,309.36	8	1,670.13	8	2,028.88	8	2,387.86	8	2,748.22	8	3,108.63	8	3,469.20
1/4	248.78	1/4	608.76	1/4	956.10	1/4	1,316.87	1/4	1,677.64	1/4	2,036.31	1/4	2,395.37	1/4	2,755.72	1/4	3,116.14	1/4	3,476.73
1/2	256.30	1/2	615.97	1/2	963.61	1/2	1,324.39	1/2	1,685.16	1/2	2,043.75	1/2	2,402.88	1/2	2,763.23	1/2	3,123.65	1/2	3,484.26
3/4	263.82	3/4	623.17	3/4	971.13	3/4	1,331.91	3/4	1,692.67	3/4	2,051.19	3/4	2,410.39	3/4	2,770.74	3/4	3,131.16	3/4	3,491.79
9	271.33	9	630.38	9	978.64	9	1,339.42	9	1,700.19	9	2,058.63	9	2,417.90	9	2,778.25	9	3,138.67	9	3,499.32
1/4	278.85	1/4	637.58	1/4	986.16	1/4	1,346.94	1/4	1,707.71	1/4	2,066.07	1/4	2,425.41	1/4	2,785.76	1/4	3,146.18	1/4	3,506.85
1/2	286.37	1/2	644.79	1/2	993.68	1/2	1,354.45	1/2	1,715.22	1/2	2,073.51	1/2	2,432.92	1/2	2,793.27	1/2	3,153.69	1/2	3,514.38
3/4	293.89	3/4	651.99	3/4	1,001.19	3/4	1,361.97	3/4	1,722.74	3/4	2,080.94	3/4	2,440.42	3/4	2,800.78	3/4	3,161.19	3/4	3,521.91
10	301.41	10	659.20	10	1,008.71	10	1,369.49	10	1,730.25	10	2,088.38	10	2,447.93	10	2,808.28	10	3,168.70	10	3,529.44
1/4	308.93	1/4	666.41	1/4	1,016.23	1/4	1,377.00	1/4	1,737.77	1/4	2,095.82	1/4	2,455.44	1/4	2,815.79	1/4	3,176.21	1/4	3,536.97
1/2	316.45	1/2	673.61	1/2	1,023.74	1/2	1,384.52	1/2	1,745.29	1/2	2,103.26	1/2	2,462.95	1/2	2,823.30	1/2	3,183.72	1/2	3,544.50
3/4	323.97	3/4	680.82	3/4	1,031.26	3/4	1,392.03	3/4	1,752.80	3/4	2,110.70	3/4	2,470.45	3/4	2,830.81	3/4	3,191.23	3/4	3,552.03
11	331.49	11	688.02	11	1,038.77	11	1,399.55	11	1,760.32	11	2,118.14	11	2,477.96	11	2,838.32	11	3,198.74	11	3,559.56
1/4	339.01	1/4	695.23	1/4	1,046.29	1/4	1,407.07	1/4	1,767.83	1/4	2,125.57	1/4	2,485.47	1/4	2,845.83	1/4	3,206.25	1/4	3,567.09
1/2	346.53	1/2	702.43	1/2	1,053.81	1/2	1,414.58	1/2	1,775.35	1/2	2,133.01	1/2	2,492.97	1/2	2,853.34	1/2	3,213.75	1/2	3,574.62
3/4	354.05	3/4	709.64	3/4	1,061.32	3/4	1,422.10	3/4	1,782.87	3/4	2,140.45	3/4	2,500.48	3/4	2,860.85	3/4	3,221.26	3/4	3,582.14

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "TMTB 104"

3 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,589.67	0	3,860.66	0	4,126.91	0	4,382.82	0	4,623.76	0		0		0		0		0	
1/4	3,596.22	1/4	3,866.23	1/4	4,132.37	1/4	4,387.97	1/4	4,628.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,602.77	1/2	3,871.79	1/2	4,137.83	1/2	4,393.11	1/2	4,633.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,609.31	3/4	3,877.35	3/4	4,143.29	3/4	4,398.25	3/4	4,638.25	3/4		3/4		3/4		3/4		3/4	
1	3,615.86	1	3,882.92	1	4,148.75	1	4,403.40	1	4,643.08	1		1		1		1		1	
1/4	3,621.42	1/4	3,888.48	1/4	4,154.19	1/4	4,408.52	1/4	4,648.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,626.99	1/2	3,894.05	1/2	4,159.63	1/2	4,413.64	1/2	4,653.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,632.55	3/4	3,899.61	3/4	4,165.07	3/4	4,418.76	3/4	4,658.47	3/4		3/4		3/4		3/4		3/4	
2	3,638.12	2	3,905.17	2	4,170.51	2	4,423.88	2	4,663.60	2		2		2		2		2	
1/4	3,643.68	1/4	3,910.74	1/4	4,175.93	1/4	4,428.99	1/4	4,669.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,649.24	1/2	3,916.30	1/2	4,181.35	1/2	4,434.09	1/2	4,674.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,654.81	3/4	3,921.86	3/4	4,186.77	3/4	4,439.19	3/4	4,679.91	3/4		3/4		3/4		3/4		3/4	
3	3,660.37	3	3,927.43	3	4,192.19	3	4,444.29	3	4,685.35	3		3		3		3		3	
1/4	3,665.93	1/4	3,932.99	1/4	4,197.59	1/4	4,449.37	1/4	4,690.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,671.50	1/2	3,938.56	1/2	4,202.98	1/2	4,454.45	1/2	4,696.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,677.06	3/4	3,944.12	3/4	4,208.38	3/4	4,459.53	3/4	4,701.66	3/4		3/4		3/4		3/4		3/4	
4	3,682.63	4	3,949.68	4	4,213.78	4	4,464.61	4	4,707.10	4		4		4		4		4	
1/4	3,688.19	1/4	3,955.25	1/4	4,219.16	1/4	4,469.67	1/4	4,712.16	1/4		1/4		1/4		1/4		1/4	
1/2	3,693.75	1/2	3,960.81	1/2	4,224.53	1/2	4,474.73	1/2	4,717.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,699.32	3/4	3,966.37	3/4	4,229.91	3/4	4,479.78	3/4	4,722.28	3/4		3/4		3/4		3/4		3/4	
5	3,704.88	5	3,971.94	5	4,235.29	5	4,484.84	5	4,727.35	5		5		5		5		5	
1/4	3,710.44	1/4	3,977.50	1/4	4,240.64	1/4	4,489.88	1/4	4,731.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,716.01	1/2	3,983.07	1/2	4,246.00	1/2	4,494.92	1/2	4,735.21	1/2		1/2		1/2		1/2		1/2	
3/4	3,721.57	3/4	3,988.63	3/4	4,251.35	3/4	4,499.96	3/4	4,739.14	3/4		3/4		3/4		3/4		3/4	
6	3,727.13	6	3,994.19	6	4,256.71	6	4,504.99	6	4,743.08	6		6		6		6		6	
1/4	3,732.70	1/4	3,999.76	1/4	4,262.04	1/4	4,510.01	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,738.26	1/2	4,005.32	1/2	4,267.38	1/2	4,515.03	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,743.83	3/4	4,010.88	3/4	4,272.71	3/4	4,520.04	3/4		3/4		3/4		3/4		3/4		3/4	
7	3,749.39	7	4,016.45	7	4,278.05	7	4,525.06	7		7		7		7		7		7	
1/4	3,754.95	1/4	4,022.01	1/4	4,283.36	1/4	4,530.06	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.52	1/2	4,027.57	1/2	4,288.67	1/2	4,535.05	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,766.08	3/4	4,033.13	3/4	4,293.99	3/4	4,540.05	3/4		3/4		3/4		3/4		3/4		3/4	
8	3,771.64	8	4,038.69	8	4,299.30	8	4,545.04	8		8		8		8		8		8	
1/4	3,777.21	1/4	4,044.23	1/4	4,304.59	1/4	4,550.02	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,782.77	1/2	4,049.78	1/2	4,309.89	1/2	4,554.99	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,788.34	3/4	4,055.33	3/4	4,315.18	3/4	4,559.97	3/4		3/4		3/4		3/4		3/4		3/4	
9	3,793.90	9	4,060.87	9	4,320.47	9	4,564.94	9		9		9		9		9		9	
1/4	3,799.46	1/4	4,066.39	1/4	4,325.71	1/4	4,569.89	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,805.03	1/2	4,071.92	1/2	4,330.95	1/2	4,574.85	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,810.59	3/4	4,077.44	3/4	4,336.19	3/4	4,579.80	3/4		3/4		3/4		3/4		3/4		3/4	
10	3,816.15	10	4,082.97	10	4,341.43	10	4,584.75	10		10		10		10		10		10	
1/4	3,821.72	1/4	4,088.47	1/4	4,346.61	1/4	4,589.66	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,827.28	1/2	4,093.97	1/2	4,351.80	1/2	4,594.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,832.85	3/4	4,099.48	3/4	4,356.98	3/4	4,599.46	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,838.41	11	4,104.98	11	4,362.17	11	4,604.36	11		11		11		11		11		11	
1/4	3,843.97	1/4	4,110.46	1/4	4,367.33	1/4	4,609.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,849.54	1/2	4,115.94	1/2	4,372.50	1/2	4,614.06	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,855.10	3/4	4,121.43	3/4	4,377.66	3/4	4,618.91	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/07/2020 JS
CALCULATED: 12/07/2020 CL
PRINTED: 12/07/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2020

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "TMTB 104"

PORT SLOP INNAGE TABLE

HERMETIC
GAUGE HEIGHT: 5'-08 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,044	0	2,087	0	3,116	0	4,093	0		0		0		0		0	
1/4	22	1/4	1,065	1/4	2,109	1/4	3,137	1/4	4,113	1/4		1/4		1/4		1/4		1/4	
1/2	43	1/2	1,087	1/2	2,131	1/2	3,158	1/2	4,133	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	1,109	3/4	2,153	3/4	3,178	3/4	4,152	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,131	1	2,174	1	3,199	1	4,172	1		1		1		1		1	
1/4	109	1/4	1,152	1/4	2,196	1/4	3,220	1/4	4,192	1/4		1/4		1/4		1/4		1/4	
1/2	130	1/2	1,174	1/2	2,218	1/2	3,241	1/2	4,212	1/2		1/2		1/2		1/2		1/2	
3/4	152	3/4	1,196	3/4	2,240	3/4	3,262	3/4	4,231	3/4		3/4		3/4		3/4		3/4	
2	174	2	1,218	2	2,261	2	3,282	2	4,251	2		2		2		2		2	
1/4	196	1/4	1,239	1/4	2,283	1/4	3,303	1/4	4,270	1/4		1/4		1/4		1/4		1/4	
1/2	217	1/2	1,261	1/2	2,305	1/2	3,324	1/2	4,290	1/2		1/2		1/2		1/2		1/2	
3/4	239	3/4	1,283	3/4	2,327	3/4	3,344	3/4	4,309	3/4		3/4		3/4		3/4		3/4	
3	261	3	1,305	3	2,348	3	3,365	3	4,329	3		3		3		3		3	
1/4	283	1/4	1,326	1/4	2,370	1/4	3,386	1/4	4,348	1/4		1/4		1/4		1/4		1/4	
1/2	304	1/2	1,348	1/2	2,392	1/2	3,406	1/2	4,367	1/2		1/2		1/2		1/2		1/2	
3/4	326	3/4	1,370	3/4	2,413	3/4	3,427	3/4	4,386	3/4		3/4		3/4		3/4		3/4	
4	348	4	1,392	4	2,435	4	3,448	4	4,405	4		4		4		4		4	
1/4	370	1/4	1,413	1/4	2,457	1/4	3,468	1/4	4,424	1/4		1/4		1/4		1/4		1/4	
1/2	391	1/2	1,435	1/2	2,478	1/2	3,489	1/2	4,443	1/2		1/2		1/2		1/2		1/2	
3/4	413	3/4	1,457	3/4	2,500	3/4	3,509	3/4	4,462	3/4		3/4		3/4		3/4		3/4	
5	435	5	1,479	5	2,521	5	3,530	5	4,481	5		5		5		5		5	
1/4	457	1/4	1,500	1/4	2,543	1/4	3,550	1/4	4,500	1/4		1/4		1/4		1/4		1/4	
1/2	478	1/2	1,522	1/2	2,564	1/2	3,570	1/2	4,519	1/2		1/2		1/2		1/2		1/2	
3/4	500	3/4	1,544	3/4	2,586	3/4	3,591	3/4	4,538	3/4		3/4		3/4		3/4		3/4	
6	522	6	1,566	6	2,607	6	3,611	6	4,557	6		6		6		6		6	
1/4	544	1/4	1,587	1/4	2,629	1/4	3,631	1/4	4,576	1/4		1/4		1/4		1/4		1/4	
1/2	565	1/2	1,609	1/2	2,650	1/2	3,652	1/2	4,595	1/2		1/2		1/2		1/2		1/2	
3/4	587	3/4	1,631	3/4	2,672	3/4	3,672	3/4	4,614	3/4		3/4		3/4		3/4		3/4	
7	609	7	1,652	7	2,693	7	3,692	7	4,632	7		7		7		7		7	
1/4	631	1/4	1,674	1/4	2,714	1/4	3,713	1/4	4,651	1/4		1/4		1/4		1/4		1/4	
1/2	652	1/2	1,696	1/2	2,736	1/2	3,733	1/2	4,670	1/2		1/2		1/2		1/2		1/2	
3/4	674	3/4	1,718	3/4	2,757	3/4	3,753	3/4	4,689	3/4		3/4		3/4		3/4		3/4	
8	696	8	1,739	8	2,778	8	3,773	8	4,707	8		8		8		8		8	
1/4	718	1/4	1,761	1/4	2,800	1/4	3,793	1/4	4,726	1/4		1/4		1/4		1/4		1/4	
1/2	739	1/2	1,783	1/2	2,821	1/2	3,814	1/2	4,745	1/2		1/2		1/2		1/2		1/2	
3/4	761	3/4	1,805	3/4	2,842	3/4	3,834	3/4	4,755	3/4		3/4		3/4		3/4		3/4	
9	783	9	1,826	9	2,863	9	3,854	9		9		9		9		9		9	
1/4	805	1/4	1,848	1/4	2,884	1/4	3,874	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	826	1/2	1,870	1/2	2,906	1/2	3,894	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	848	3/4	1,892	3/4	2,927	3/4	3,914	3/4		3/4		3/4		3/4		3/4		3/4	
10	870	10	1,913	10	2,948	10	3,934	10		10		10		10		10		10	
1/4	891	1/4	1,935	1/4	2,969	1/4	3,954	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	913	1/2	1,957	1/2	2,990	1/2	3,974	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	935	3/4	1,979	3/4	3,011	3/4	3,994	3/4		3/4		3/4		3/4		3/4		3/4	
11	957	11	2,000	11	3,032	11	4,014	11		11		11		11		11		11	
1/4	978	1/4	2,022	1/4	3,053	1/4	4,034	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,000	1/2	2,044	1/2	3,074	1/2	4,053	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,022	3/4	2,066	3/4	3,095	3/4	4,073	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

STRAPPED: 12/07/2020 JS
CALCULATED: 12/07/2020 CL
PRINTED: 12/07/2020 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2020

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

Precision Measurement & Analysis, Inc.



BARGE "TMTB 104"

STBD SLOP INNAGE TABLE

HERMETIC
GAUGE HEIGHT: 5'-08 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,044	0	2,087	0	3,116	0	4,093	0		0		0		0		0	
1/4	22	1/4	1,065	1/4	2,109	1/4	3,137	1/4	4,113	1/4		1/4		1/4		1/4		1/4	
1/2	43	1/2	1,087	1/2	2,131	1/2	3,158	1/2	4,133	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	1,109	3/4	2,153	3/4	3,178	3/4	4,152	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,131	1	2,174	1	3,199	1	4,172	1		1		1		1		1	
1/4	109	1/4	1,152	1/4	2,196	1/4	3,220	1/4	4,192	1/4		1/4		1/4		1/4		1/4	
1/2	130	1/2	1,174	1/2	2,218	1/2	3,241	1/2	4,212	1/2		1/2		1/2		1/2		1/2	
3/4	152	3/4	1,196	3/4	2,240	3/4	3,262	3/4	4,231	3/4		3/4		3/4		3/4		3/4	
2	174	2	1,218	2	2,261	2	3,282	2	4,251	2		2		2		2		2	
1/4	196	1/4	1,239	1/4	2,283	1/4	3,303	1/4	4,270	1/4		1/4		1/4		1/4		1/4	
1/2	217	1/2	1,261	1/2	2,305	1/2	3,324	1/2	4,290	1/2		1/2		1/2		1/2		1/2	
3/4	239	3/4	1,283	3/4	2,327	3/4	3,344	3/4	4,309	3/4		3/4		3/4		3/4		3/4	
3	261	3	1,305	3	2,348	3	3,365	3	4,329	3		3		3		3		3	
1/4	283	1/4	1,326	1/4	2,370	1/4	3,386	1/4	4,348	1/4		1/4		1/4		1/4		1/4	
1/2	304	1/2	1,348	1/2	2,392	1/2	3,406	1/2	4,367	1/2		1/2		1/2		1/2		1/2	
3/4	326	3/4	1,370	3/4	2,413	3/4	3,427	3/4	4,386	3/4		3/4		3/4		3/4		3/4	
4	348	4	1,392	4	2,435	4	3,448	4	4,405	4		4		4		4		4	
1/4	370	1/4	1,413	1/4	2,457	1/4	3,468	1/4	4,424	1/4		1/4		1/4		1/4		1/4	
1/2	391	1/2	1,435	1/2	2,478	1/2	3,489	1/2	4,443	1/2		1/2		1/2		1/2		1/2	
3/4	413	3/4	1,457	3/4	2,500	3/4	3,509	3/4	4,462	3/4		3/4		3/4		3/4		3/4	
5	435	5	1,479	5	2,521	5	3,530	5	4,481	5		5		5		5		5	
1/4	457	1/4	1,500	1/4	2,543	1/4	3,550	1/4	4,500	1/4		1/4		1/4		1/4		1/4	
1/2	478	1/2	1,522	1/2	2,564	1/2	3,570	1/2	4,519	1/2		1/2		1/2		1/2		1/2	
3/4	500	3/4	1,544	3/4	2,586	3/4	3,591	3/4	4,538	3/4		3/4		3/4		3/4		3/4	
6	522	6	1,566	6	2,607	6	3,611	6	4,557	6		6		6		6		6	
1/4	544	1/4	1,587	1/4	2,629	1/4	3,631	1/4	4,576	1/4		1/4		1/4		1/4		1/4	
1/2	565	1/2	1,609	1/2	2,650	1/2	3,652	1/2	4,595	1/2		1/2		1/2		1/2		1/2	
3/4	587	3/4	1,631	3/4	2,672	3/4	3,672	3/4	4,614	3/4		3/4		3/4		3/4		3/4	
7	609	7	1,652	7	2,693	7	3,692	7	4,632	7		7		7		7		7	
1/4	631	1/4	1,674	1/4	2,714	1/4	3,713	1/4	4,651	1/4		1/4		1/4		1/4		1/4	
1/2	652	1/2	1,696	1/2	2,736	1/2	3,733	1/2	4,670	1/2		1/2		1/2		1/2		1/2	
3/4	674	3/4	1,718	3/4	2,757	3/4	3,753	3/4	4,689	3/4		3/4		3/4		3/4		3/4	
8	696	8	1,739	8	2,778	8	3,773	8	4,707	8		8		8		8		8	
1/4	718	1/4	1,761	1/4	2,800	1/4	3,793	1/4	4,726	1/4		1/4		1/4		1/4		1/4	
1/2	739	1/2	1,783	1/2	2,821	1/2	3,814	1/2	4,745	1/2		1/2		1/2		1/2		1/2	
3/4	761	3/4	1,805	3/4	2,842	3/4	3,834	3/4	4,755	3/4		3/4		3/4		3/4		3/4	
9	783	9	1,826	9	2,863	9	3,854	9		9		9		9		9		9	
1/4	805	1/4	1,848	1/4	2,884	1/4	3,874	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	826	1/2	1,870	1/2	2,906	1/2	3,894	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	848	3/4	1,892	3/4	2,927	3/4	3,914	3/4		3/4		3/4		3/4		3/4		3/4	
10	870	10	1,913	10	2,948	10	3,934	10		10		10		10		10		10	
1/4	891	1/4	1,935	1/4	2,969	1/4	3,954	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	913	1/2	1,957	1/2	2,990	1/2	3,974	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	935	3/4	1,979	3/4	3,011	3/4	3,994	3/4		3/4		3/4		3/4		3/4		3/4	
11	957	11	2,000	11	3,032	11	4,014	11		11		11		11		11		11	
1/4	978	1/4	2,022	1/4	3,053	1/4	4,034	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,000	1/2	2,044	1/2	3,074	1/2	4,053	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,022	3/4	2,066	3/4	3,095	3/4	4,073	3/4		3/4		3/4		3/4		3/4		3/4	

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

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CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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<http://www.pmacorp.net>

Precision Measurement & Analysis, Inc.



BARGE "TMTB 104"

FUEL TANK

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

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	196	0	391	0	587	0	782	0		0		0		0		0	
1/4	4	1/4	200	1/4	395	1/4	591	1/4	786	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	204	1/2	399	1/2	595	1/2	790	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	208	3/4	403	3/4	599	3/4	794	3/4		3/4		3/4		3/4		3/4	
1	16	1	212	1	407	1	603	1	799	1		1		1		1		1	
1/4	20	1/4	216	1/4	411	1/4	607	1/4	803	1/4		1/4		1/4		1/4		1/4	
1/2	24	1/2	220	1/2	416	1/2	611	1/2	807	1/2		1/2		1/2		1/2		1/2	
3/4	29	3/4	224	3/4	420	3/4	615	3/4	811	3/4		3/4		3/4		3/4		3/4	
2	33	2	228	2	424	2	619	2	815	2		2		2		2		2	
1/4	37	1/4	232	1/4	428	1/4	623	1/4	819	1/4		1/4		1/4		1/4		1/4	
1/2	41	1/2	236	1/2	432	1/2	627	1/2	823	1/2		1/2		1/2		1/2		1/2	
3/4	45	3/4	240	3/4	436	3/4	631	3/4	827	3/4		3/4		3/4		3/4		3/4	
3	49	3	244	3	440	3	636	3	831	3		3		3		3		3	
1/4	53	1/4	249	1/4	444	1/4	640	1/4	835	1/4		1/4		1/4		1/4		1/4	
1/2	57	1/2	253	1/2	448	1/2	644	1/2	839	1/2		1/2		1/2		1/2		1/2	
3/4	61	3/4	257	3/4	452	3/4	648	3/4	843	3/4		3/4		3/4		3/4		3/4	
4	65	4	261	4	456	4	652	4	847	4		4		4		4		4	
1/4	69	1/4	265	1/4	460	1/4	656	1/4	851	1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	269	1/2	464	1/2	660	1/2	855	1/2		1/2		1/2		1/2		1/2	
3/4	77	3/4	273	3/4	469	3/4	664	3/4	859	3/4		3/4		3/4		3/4		3/4	
5	81	5	277	5	473	5	668	5	863	5		5		5		5		5	
1/4	86	1/4	281	1/4	477	1/4	672	1/4	867	1/4		1/4		1/4		1/4		1/4	
1/2	90	1/2	285	1/2	481	1/2	676	1/2	871	1/2		1/2		1/2		1/2		1/2	
3/4	94	3/4	289	3/4	485	3/4	680	3/4	875	3/4		3/4		3/4		3/4		3/4	
6	98	6	293	6	489	6	684	6	880	6		6		6		6		6	
1/4	102	1/4	297	1/4	493	1/4	689	1/4	884	1/4		1/4		1/4		1/4		1/4	
1/2	106	1/2	301	1/2	497	1/2	693	1/2	888	1/2		1/2		1/2		1/2		1/2	
3/4	110	3/4	306	3/4	501	3/4	697	3/4	892	3/4		3/4		3/4		3/4		3/4	
7	114	7	310	7	505	7	701	7	896	7		7		7		7		7	
1/4	118	1/4	314	1/4	509	1/4	705	1/4	900	1/4		1/4		1/4		1/4		1/4	
1/2	122	1/2	318	1/2	513	1/2	709	1/2	904	1/2		1/2		1/2		1/2		1/2	
3/4	126	3/4	322	3/4	517	3/4	713	3/4	908	3/4		3/4		3/4		3/4		3/4	
8	130	8	326	8	521	8	717	8	912	8		8		8		8		8	
1/4	134	1/4	330	1/4	526	1/4	721	1/4	916	1/4		1/4		1/4		1/4		1/4	
1/2	139	1/2	334	1/2	530	1/2	725	1/2	920	1/2		1/2		1/2		1/2		1/2	
3/4	143	3/4	338	3/4	534	3/4	729	3/4	922	3/4		3/4		3/4		3/4		3/4	
9	147	9	342	9	538	9	733	9	=====	9		9		9		9		9	
1/4	151	1/4	346	1/4	542	1/4	737	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	155	1/2	350	1/2	546	1/2	741	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	159	3/4	354	3/4	550	3/4	746	3/4		3/4		3/4		3/4		3/4		3/4	
10	163	10	359	10	554	10	750	10		10		10		10		10		10	
1/4	167	1/4	363	1/4	558	1/4	754	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	171	1/2	367	1/2	562	1/2	758	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	175	3/4	371	3/4	566	3/4	762	3/4		3/4		3/4		3/4		3/4		3/4	
11	179	11	375	11	570	11	766	11		11		11		11		11		11	
1/4	183	1/4	379	1/4	574	1/4	770	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	187	1/2	383	1/2	579	1/2	774	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	191	3/4	387	3/4	583	3/4	778	3/4		3/4		3/4		3/4		3/4		3/4	

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