



BARGE "TMTB 108"

ULLAGE (HERMETIC)

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

April 23, 2021

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



BARGE "TMTB 108"

1 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-05 3/4"

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		0	4,564.82	0	4,266.10	0	3,957.73	0	3,633.21	0	3,303.31	0	2,973.41	0	2,643.51	0	2,313.61	0	1,983.70
1/4		1/4	4,559.46	1/4	4,259.84	1/4	3,951.11	1/4	3,626.34	1/4	3,296.44	1/4	2,966.54	1/4	2,636.64	1/4	2,306.74	1/4	1,976.83
1/2		1/2	4,554.09	1/2	4,253.58	1/2	3,944.50	1/2	3,619.46	1/2	3,289.56	1/2	2,959.67	1/2	2,629.77	1/2	2,299.87	1/2	1,969.95
3/4		3/4	4,548.73	3/4	4,247.31	3/4	3,937.88	3/4	3,612.59	3/4	3,282.69	3/4	2,952.79	3/4	2,622.89	3/4	2,292.99	3/4	1,963.08
1		1	4,542.33	1	4,241.03	1	3,931.24	1	3,605.72	1	3,275.82	1	2,945.92	1	2,616.02	1	2,286.12	1	1,956.20
1/4		1/4	4,535.94	1/4	4,234.74	1/4	3,924.60	1/4	3,598.85	1/4	3,268.95	1/4	2,939.05	1/4	2,609.15	1/4	2,279.25	1/4	1,949.33
1/2		1/2	4,529.54	1/2	4,228.45	1/2	3,917.96	1/2	3,591.97	1/2	3,262.07	1/2	2,932.17	1/2	2,602.27	1/2	2,272.38	1/2	1,942.45
3/4		3/4	4,523.15	3/4	4,222.16	3/4	3,911.32	3/4	3,585.10	3/4	3,255.20	3/4	2,925.30	3/4	2,595.40	3/4	2,265.50	3/4	1,935.58
2		2	4,516.41	2	4,215.85	2	3,904.65	2	3,578.23	2	3,248.33	2	2,918.43	2	2,588.53	2	2,258.63	2	1,928.70
1/4		1/4	4,509.67	1/4	4,209.53	1/4	3,897.98	1/4	3,571.35	1/4	3,241.45	1/4	2,911.56	1/4	2,581.66	1/4	2,251.76	1/4	1,921.83
1/2		1/2	4,502.93	1/2	4,203.22	1/2	3,891.32	1/2	3,564.48	1/2	3,234.58	1/2	2,904.68	1/2	2,574.78	1/2	2,244.88	1/2	1,914.95
3/4		3/4	4,496.19	3/4	4,196.91	3/4	3,884.65	3/4	3,557.61	3/4	3,227.71	3/4	2,897.81	3/4	2,567.91	3/4	2,238.01	3/4	1,908.08
3		3	4,489.45	3	4,190.57	3	3,877.95	3	3,550.73	3	3,220.84	3	2,890.94	3	2,561.04	3	2,231.14	3	1,901.20
1/4		1/4	4,482.72	1/4	4,184.23	1/4	3,871.26	1/4	3,543.86	1/4	3,213.96	1/4	2,884.06	1/4	2,554.16	1/4	2,224.27	1/4	1,894.33
1/2		1/2	4,475.98	1/2	4,177.89	1/2	3,864.57	1/2	3,536.99	1/2	3,207.09	1/2	2,877.19	1/2	2,547.29	1/2	2,217.39	1/2	1,887.45
3/4		3/4	4,469.24	3/4	4,171.55	3/4	3,857.87	3/4	3,530.12	3/4	3,200.22	3/4	2,870.32	3/4	2,540.42	3/4	2,210.52	3/4	1,880.58
4		4	4,462.88	4	4,165.18	4	3,851.16	4	3,523.24	4	3,193.34	4	2,863.44	4	2,533.55	4	2,203.65	4	1,873.70
1/4		1/4	4,456.53	1/4	4,158.81	1/4	3,844.44	1/4	3,516.37	1/4	3,186.47	1/4	2,856.57	1/4	2,526.67	1/4	2,196.77	1/4	1,866.83
1/2		1/2	4,450.18	1/2	4,152.45	1/2	3,837.72	1/2	3,509.50	1/2	3,179.60	1/2	2,849.70	1/2	2,519.80	1/2	2,189.90	1/2	1,859.95
3/4		3/4	4,443.82	3/4	4,146.08	3/4	3,831.00	3/4	3,502.62	3/4	3,172.73	3/4	2,842.83	3/4	2,512.93	3/4	2,183.03	3/4	1,853.08
5		5	4,437.84	5	4,139.69	5	3,824.25	5	3,495.75	5	3,165.85	5	2,835.95	5	2,506.05	5	2,176.15	5	1,846.20
1/4		1/4	4,431.85	1/4	4,133.29	1/4	3,817.51	1/4	3,488.88	1/4	3,158.98	1/4	2,829.08	1/4	2,499.18	1/4	2,169.28	1/4	1,839.32
1/2		1/2	4,425.87	1/2	4,126.90	1/2	3,810.76	1/2	3,482.01	1/2	3,152.11	1/2	2,822.21	1/2	2,492.31	1/2	2,162.41	1/2	1,832.45
3/4		3/4	4,419.88	3/4	4,120.51	3/4	3,804.01	3/4	3,475.13	3/4	3,145.23	3/4	2,815.33	3/4	2,485.44	3/4	2,155.54	3/4	1,825.57
6		6	4,413.87	6	4,114.09	6	3,797.24	6	3,468.26	6	3,138.36	6	2,808.46	6	2,478.56	6	2,148.66	6	1,818.70
1/4		1/4	4,407.86	1/4	4,107.67	1/4	3,790.47	1/4	3,461.39	1/4	3,131.49	1/4	2,801.59	1/4	2,471.69	1/4	2,141.79	1/4	1,811.82
1/2		1/2	4,401.85	1/2	4,101.25	1/2	3,783.70	1/2	3,454.51	1/2	3,124.61	1/2	2,794.72	1/2	2,464.82	1/2	2,134.92	1/2	1,804.95
3/4		3/4	4,395.84	3/4	4,094.84	3/4	3,776.93	3/4	3,447.64	3/4	3,117.74	3/4	2,787.84	3/4	2,457.94	3/4	2,128.04	3/4	1,798.07
7		7	4,389.76	7	4,088.39	7	3,770.13	7	3,440.77	7	3,110.87	7	2,780.97	7	2,451.07	7	2,121.17	7	1,791.20
1/4		1/4	4,383.67	1/4	4,081.95	1/4	3,763.33	1/4	3,433.90	1/4	3,104.00	1/4	2,774.10	1/4	2,444.20	1/4	2,114.30	1/4	1,784.32
1/2		1/2	4,377.59	1/2	4,075.50	1/2	3,756.53	1/2	3,427.02	1/2	3,097.12	1/2	2,767.22	1/2	2,437.32	1/2	2,107.43	1/2	1,777.45
3/4		3/4	4,371.51	3/4	4,069.06	3/4	3,749.74	3/4	3,420.15	3/4	3,090.25	3/4	2,760.35	3/4	2,430.45	3/4	2,100.55	3/4	1,770.57
8		8	4,365.35	8	4,062.57	8	3,742.91	8	3,413.28	8	3,083.38	8	2,753.48	8	2,423.58	8	2,093.68	8	1,763.70
1/4		1/4	4,359.19	1/4	4,056.08	1/4	3,736.09	1/4	3,406.40	1/4	3,076.50	1/4	2,746.61	1/4	2,416.71	1/4	2,086.81	1/4	1,756.82
1/2		1/2	4,353.04	1/2	4,049.59	1/2	3,729.27	1/2	3,399.53	1/2	3,069.63	1/2	2,739.73	1/2	2,409.83	1/2	2,079.93	1/2	1,749.95
3/4		3/4	4,346.88	3/4	4,043.09	3/4	3,722.44	3/4	3,392.66	3/4	3,062.76	3/4	2,732.86	3/4	2,402.96	3/4	2,073.06	3/4	1,743.07
9		9	4,340.69	9	4,036.56	9	3,715.59	9	3,385.79	9	3,055.89	9	2,725.99	9	2,396.09	9	2,066.19	9	1,736.20
1/4		1/4	4,334.51	1/4	4,030.02	1/4	3,708.74	1/4	3,378.91	1/4	3,049.01	1/4	2,719.11	1/4	2,389.21	1/4	2,059.32	1/4	1,729.32
1/2		1/2	4,328.33	1/2	4,023.49	1/2	3,701.89	1/2	3,372.04	1/2	3,042.14	1/2	2,712.24	1/2	2,382.34	1/2	2,052.44	1/2	1,722.45
3/4		3/4	4,322.14	3/4	4,016.95	3/4	3,695.04	3/4	3,365.17	3/4	3,035.27	3/4	2,705.37	3/4	2,375.47	3/4	2,045.57	3/4	1,715.57
10		10	4,315.93	10	4,010.39	10	3,688.17	10	3,358.29	10	3,028.39	10	2,698.50	10	2,368.60	10	2,038.70	10	1,708.70
1/4		1/4	4,309.72	1/4	4,003.82	1/4	3,681.31	1/4	3,351.42	1/4	3,021.52	1/4	2,691.62	1/4	2,361.72	1/4	2,031.82	1/4	1,701.82
1/2		1/2	4,303.51	1/2	3,997.26	1/2	3,674.44	1/2	3,344.55	1/2	3,014.65	1/2	2,684.75	1/2	2,354.85	1/2	2,024.95	1/2	1,694.95
3/4		3/4	4,297.30	3/4	3,990.70	3/4	3,667.57	3/4	3,337.67	3/4	3,007.78	3/4	2,677.88	3/4	2,347.98	3/4	2,018.08	3/4	1,688.07
11		11	4,291.07	11	3,984.11	11	3,660.70	11	3,330.80	11	3,000.90	11	2,671.00	11	2,341.10	11	2,011.20	11	1,681.20
1/4		1/4	4,284.83	1/4	3,977.52	1/4	3,653.83	1/4	3,323.93	1/4	2,994.03	1/4	2,664.13	1/4	2,334.23	1/4	2,004.33	1/4	1,674.32
1/2		1/2	4,278.60	1/2	3,970.93	1/2	3,646.96	1/2	3,317.06	1/2	2,987.16	1/2	2,657.26	1/2	2,327.36	1/2	1,997.45	1/2	1,667.44
3/4		3/4	4,570.19	3/4	4,272.36	3/4	3,964.34	3/4	3,640.08	3/4	3,310.18	3/4	2,980.28	3/4	2,650.38	3/4	1,990.58	3/4	1,660.57

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "TMTB 108"

1 PORT

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-05 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,653.69	0	1,323.68	0	994.53	0	681.42	0	390.96	0	121.71	0		0		0		0	
1/4	1,646.82	1/4	1,316.81	1/4	987.79	1/4	675.14	1/4	385.13	1/4	116.34	1/4		1/4		1/4		1/4	
1/2	1,639.94	1/2	1,309.93	1/2	981.05	1/2	668.85	1/2	379.31	1/2	110.97	1/2		1/2		1/2		1/2	
3/4	1,633.07	3/4	1,303.06	3/4	974.31	3/4	662.57	3/4	373.48	3/4	105.60	3/4		3/4		3/4		3/4	
1	1,626.19	1	1,296.18	1	967.60	1	656.32	1	367.69	1	100.26	1		1		1		1	
1/4	1,619.32	1/4	1,289.31	1/4	960.90	1/4	650.07	1/4	361.90	1/4	94.93	1/4		1/4		1/4		1/4	
1/2	1,612.44	1/2	1,282.43	1/2	954.19	1/2	643.83	1/2	356.11	1/2	89.59	1/2		1/2		1/2		1/2	
3/4	1,605.57	3/4	1,275.56	3/4	947.49	3/4	637.58	3/4	350.32	3/4	84.26	3/4		3/4		3/4		3/4	
2	1,598.69	2	1,268.68	2	940.83	2	631.38	2	344.56	2	78.97	2		2		2		2	
1/4	1,591.82	1/4	1,261.81	1/4	934.16	1/4	625.18	1/4	338.81	1/4	73.67	1/4		1/4		1/4		1/4	
1/2	1,584.94	1/2	1,254.93	1/2	927.49	1/2	618.99	1/2	333.06	1/2	68.38	1/2		1/2		1/2		1/2	
3/4	1,578.07	3/4	1,248.06	3/4	920.83	3/4	612.79	3/4	327.31	3/4	63.08	3/4		3/4		3/4		3/4	
3	1,571.19	3	1,241.18	3	914.20	3	606.64	3	321.59	3	57.82	3		3		3		3	
1/4	1,564.32	1/4	1,234.31	1/4	907.57	1/4	600.49	1/4	315.88	1/4	52.56	1/4		1/4		1/4		1/4	
1/2	1,557.44	1/2	1,227.43	1/2	900.94	1/2	594.34	1/2	310.17	1/2	47.31	1/2		1/2		1/2		1/2	
3/4	1,550.57	3/4	1,220.56	3/4	894.32	3/4	588.19	3/4	304.45	3/4	42.05	3/4		3/4		3/4		3/4	
4	1,543.69	4	1,213.68	4	887.73	4	582.08	4	298.78	4	37.40	4		4		4		4	
1/4	1,536.82	1/4	1,206.81	1/4	881.14	1/4	575.97	1/4	293.10	1/4	32.76	1/4		1/4		1/4		1/4	
1/2	1,529.94	1/2	1,199.93	1/2	874.55	1/2	569.86	1/2	287.42	1/2	28.11	1/2		1/2		1/2		1/2	
3/4	1,523.07	3/4	1,193.06	3/4	867.96	3/4	563.75	3/4	281.75	3/4	23.46	3/4		3/4		3/4		3/4	
5	1,516.19	5	1,186.18	5	861.41	5	557.68	5	276.11	5	20.14	5		5		5		5	
1/4	1,509.32	1/4	1,179.31	1/4	854.85	1/4	551.61	1/4	270.47	1/4	16.82	1/4		1/4		1/4		1/4	
1/2	1,502.44	1/2	1,172.43	1/2	848.30	1/2	545.54	1/2	264.83	1/2	13.50	1/2		1/2		1/2		1/2	
3/4	1,495.56	3/4	1,165.56	3/4	841.75	3/4	539.46	3/4	259.20	3/4	10.17	3/4		3/4		3/4		3/4	
6	1,488.69	6	1,158.68	6	835.24	6	533.43	6	253.60	6		6		6		6		6	
1/4	1,481.81	1/4	1,151.80	1/4	828.72	1/4	527.40	1/4	248.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,474.94	1/2	1,144.93	1/2	822.21	1/2	521.36	1/2	242.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,468.06	3/4	1,138.05	3/4	815.70	3/4	515.33	3/4	236.80	3/4		3/4		3/4		3/4		3/4	
7	1,461.19	7	1,131.18	7	809.22	7	509.33	7	231.23	7		7		7		7		7	
1/4	1,454.31	1/4	1,124.30	1/4	802.75	1/4	503.33	1/4	225.67	1/4		1/4		1/4		1/4		1/4	
1/2	1,447.44	1/2	1,117.43	1/2	796.27	1/2	497.34	1/2	220.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,440.56	3/4	1,110.55	3/4	789.80	3/4	491.34	3/4	214.55	3/4		3/4		3/4		3/4		3/4	
8	1,433.69	8	1,103.68	8	783.36	8	485.38	8	209.03	8		8		8		8		8	
1/4	1,426.81	1/4	1,096.81	1/4	776.92	1/4	479.43	1/4	203.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,419.94	1/2	1,089.94	1/2	770.48	1/2	473.47	1/2	197.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,413.06	3/4	1,083.07	3/4	764.04	3/4	467.51	3/4	192.45	3/4		3/4		3/4		3/4		3/4	
9	1,406.19	9	1,076.22	9	757.65	9	461.59	9	186.97	9		9		9		9		9	
1/4	1,399.31	1/4	1,069.37	1/4	751.25	1/4	455.67	1/4	181.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,392.44	1/2	1,062.52	1/2	744.85	1/2	449.75	1/2	176.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,385.56	3/4	1,055.67	3/4	738.45	3/4	443.83	3/4	170.51	3/4		3/4		3/4		3/4		3/4	
10	1,378.69	10	1,048.85	10	732.09	10	437.94	10	165.06	10		10		10		10		10	
1/4	1,371.81	1/4	1,042.03	1/4	725.72	1/4	432.04	1/4	159.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,364.94	1/2	1,035.21	1/2	719.36	1/2	426.15	1/2	154.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,358.06	3/4	1,028.39	3/4	713.00	3/4	420.26	3/4	148.72	3/4		3/4		3/4		3/4		3/4	
11	1,351.19	11	1,021.61	11	706.68	11	414.39	11	143.31	11		11		11		11		11	
1/4	1,344.31	1/4	1,014.83	1/4	700.36	1/4	408.52	1/4	137.90	1/4		1/4		1/4		1/4		1/4	
1/2	1,337.44	1/2	1,008.05	1/2	694.03	1/2	402.66	1/2	132.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,330.56	3/4	1,001.27	3/4	687.71	3/4	396.79	3/4	127.08	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/22/2021 JS
CALCULATED: 04/22/2021 CL
PRINTED: 04/23/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
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BARGE "TMTB 108"

1 STBD ULLAGE 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		0		0	4,297.57	0	3,988.45	0	3,662.95	0	3,331.51	0	3,000.07	0	2,668.63	0	2,337.19	0	2,005.74
1/4		1/4	4,590.55	1/4	4,291.31	1/4	3,981.83	1/4	3,656.04	1/4	3,324.60	1/4	2,993.16	1/4	2,661.72	1/4	2,330.28	1/4	1,998.83
1/2		1/2	4,585.16	1/2	4,285.02	1/2	3,975.18	1/2	3,649.14	1/2	3,317.70	1/2	2,986.26	1/2	2,654.82	1/2	2,323.38	1/2	1,991.93
3/4		3/4	4,579.77	3/4	4,278.72	3/4	3,968.53	3/4	3,642.23	3/4	3,310.79	3/4	2,979.35	3/4	2,647.91	3/4	2,316.47	3/4	1,985.02
1		1	4,574.38	1	4,272.43	1	3,961.89	1	3,635.33	1	3,303.89	1	2,972.45	1	2,641.01	1	2,309.57	1	1,978.11
1/4		1/4	4,568.99	1/4	4,266.14	1/4	3,955.24	1/4	3,628.42	1/4	3,296.98	1/4	2,965.54	1/4	2,634.10	1/4	2,302.66	1/4	1,971.20
1/2		1/2	4,562.56	1/2	4,259.82	1/2	3,948.57	1/2	3,621.52	1/2	3,290.08	1/2	2,958.64	1/2	2,627.20	1/2	2,295.76	1/2	1,964.30
3/4		3/4	4,556.14	3/4	4,253.50	3/4	3,941.90	3/4	3,614.61	3/4	3,283.17	3/4	2,951.73	3/4	2,620.29	3/4	2,288.85	3/4	1,957.39
2		2	4,549.71	2	4,247.19	2	3,935.23	2	3,607.71	2	3,276.27	2	2,944.83	2	2,613.39	2	2,281.95	2	1,950.48
1/4		1/4	4,543.28	1/4	4,240.87	1/4	3,928.55	1/4	3,600.80	1/4	3,269.36	1/4	2,937.92	1/4	2,606.48	1/4	2,275.04	1/4	1,943.57
1/2		1/2	4,536.51	1/2	4,234.52	1/2	3,921.85	1/2	3,593.90	1/2	3,262.46	1/2	2,931.02	1/2	2,599.58	1/2	2,268.14	1/2	1,936.67
3/4		3/4	4,529.74	3/4	4,228.18	3/4	3,915.16	3/4	3,586.99	3/4	3,255.55	3/4	2,924.11	3/4	2,592.67	3/4	2,261.23	3/4	1,929.76
3		3	4,522.98	3	4,221.84	3	3,908.46	3	3,580.09	3	3,248.65	3	2,917.21	3	2,585.77	3	2,254.33	3	1,922.85
1/4		1/4	4,516.21	1/4	4,215.49	1/4	3,901.76	1/4	3,573.18	1/4	3,241.74	1/4	2,910.30	1/4	2,578.86	1/4	2,247.42	1/4	1,915.95
1/2		1/2	4,509.44	1/2	4,209.12	1/2	3,895.03	1/2	3,566.28	1/2	3,234.84	1/2	2,903.40	1/2	2,571.96	1/2	2,240.52	1/2	1,909.04
3/4		3/4	4,502.67	3/4	4,202.75	3/4	3,888.31	3/4	3,559.37	3/4	3,227.93	3/4	2,896.49	3/4	2,565.05	3/4	2,233.61	3/4	1,902.13
4		4	4,495.90	4	4,196.38	4	3,881.58	4	3,552.47	4	3,221.03	4	2,889.59	4	2,558.15	4	2,226.71	4	1,895.22
1/4		1/4	4,489.13	1/4	4,190.01	1/4	3,874.86	1/4	3,545.56	1/4	3,214.12	1/4	2,882.68	1/4	2,551.24	1/4	2,219.80	1/4	1,888.32
1/2		1/2	4,482.74	1/2	4,183.61	1/2	3,868.11	1/2	3,538.66	1/2	3,207.22	1/2	2,875.78	1/2	2,544.34	1/2	2,212.90	1/2	1,881.41
3/4		3/4	4,476.36	3/4	4,177.22	3/4	3,861.36	3/4	3,531.75	3/4	3,200.31	3/4	2,868.87	3/4	2,537.43	3/4	2,205.99	3/4	1,874.50
5		5	4,469.97	5	4,170.82	5	3,854.61	5	3,524.85	5	3,193.41	5	2,861.97	5	2,530.53	5	2,199.09	5	1,867.59
1/4		1/4	4,463.59	1/4	4,164.42	1/4	3,847.86	1/4	3,517.94	1/4	3,186.50	1/4	2,855.06	1/4	2,523.62	1/4	2,192.18	1/4	1,860.69
1/2		1/2	4,457.57	1/2	4,158.00	1/2	3,841.08	1/2	3,511.04	1/2	3,179.60	1/2	2,848.16	1/2	2,516.72	1/2	2,185.28	1/2	1,853.78
3/4		3/4	4,451.56	3/4	4,151.58	3/4	3,834.30	3/4	3,504.13	3/4	3,172.69	3/4	2,841.25	3/4	2,509.81	3/4	2,178.37	3/4	1,846.87
6		6	4,445.55	6	4,145.16	6	3,827.52	6	3,497.23	6	3,165.79	6	2,834.35	6	2,502.91	6	2,171.47	6	1,839.97
1/4		1/4	4,439.53	1/4	4,138.73	1/4	3,820.75	1/4	3,490.32	1/4	3,158.88	1/4	2,827.44	1/4	2,496.00	1/4	2,164.56	1/4	1,833.06
1/2		1/2	4,433.50	1/2	4,132.28	1/2	3,813.94	1/2	3,483.42	1/2	3,151.98	1/2	2,820.54	1/2	2,489.10	1/2	2,157.66	1/2	1,826.15
3/4		3/4	4,427.46	3/4	4,125.84	3/4	3,807.14	3/4	3,476.51	3/4	3,145.07	3/4	2,813.63	3/4	2,482.19	3/4	2,150.75	3/4	1,819.24
7		7	4,421.42	7	4,119.39	7	3,800.34	7	3,469.61	7	3,138.17	7	2,806.73	7	2,475.29	7	2,143.85	7	1,812.34
1/4		1/4	4,415.38	1/4	4,112.94	1/4	3,793.53	1/4	3,462.70	1/4	3,131.26	1/4	2,799.82	1/4	2,468.38	1/4	2,136.94	1/4	1,805.43
1/2		1/2	4,409.26	1/2	4,106.46	1/2	3,786.70	1/2	3,455.80	1/2	3,124.36	1/2	2,792.92	1/2	2,461.48	1/2	2,130.04	1/2	1,798.52
3/4		3/4	4,403.15	3/4	4,099.99	3/4	3,779.87	3/4	3,448.89	3/4	3,117.45	3/4	2,786.01	3/4	2,454.57	3/4	2,123.13	3/4	1,791.61
8		8	4,397.04	8	4,093.51	8	3,773.04	8	3,441.99	8	3,110.55	8	2,779.11	8	2,447.67	8	2,116.23	8	1,784.71
1/4		1/4	4,390.93	1/4	4,087.04	1/4	3,766.21	1/4	3,435.08	1/4	3,103.64	1/4	2,772.20	1/4	2,440.76	1/4	2,109.32	1/4	1,777.80
1/2		1/2	4,384.74	1/2	4,080.52	1/2	3,759.36	1/2	3,428.18	1/2	3,096.74	1/2	2,765.30	1/2	2,433.86	1/2	2,102.42	1/2	1,770.89
3/4		3/4	4,378.55	3/4	4,073.99	3/4	3,752.50	3/4	3,421.27	3/4	3,089.83	3/4	2,758.39	3/4	2,426.95	3/4	2,095.51	3/4	1,763.98
9		9	4,372.36	9	4,067.47	9	3,745.65	9	3,414.37	9	3,082.93	9	2,751.49	9	2,420.05	9	2,088.61	9	1,757.08
1/4		1/4	4,366.18	1/4	4,060.95	1/4	3,738.79	1/4	3,407.46	1/4	3,076.02	1/4	2,744.58	1/4	2,413.14	1/4	2,081.70	1/4	1,750.17
1/2		1/2	4,359.96	1/2	4,054.38	1/2	3,731.91	1/2	3,400.56	1/2	3,069.12	1/2	2,737.68	1/2	2,406.24	1/2	2,074.80	1/2	1,743.26
3/4		3/4	4,353.75	3/4	4,047.82	3/4	3,725.03	3/4	3,393.65	3/4	3,062.21	3/4	2,730.77	3/4	2,399.33	3/4	2,067.89	3/4	1,736.36
10		10	4,347.54	10	4,041.25	10	3,718.15	10	3,386.75	10	3,055.31	10	2,723.87	10	2,392.43	10	2,060.99	10	1,729.45
1/4		1/4	4,341.33	1/4	4,034.68	1/4	3,711.26	1/4	3,379.84	1/4	3,048.40	1/4	2,716.96	1/4	2,385.52	1/4	2,054.08	1/4	1,722.54
1/2		1/2	4,335.09	1/2	4,028.09	1/2	3,704.36	1/2	3,372.94	1/2	3,041.50	1/2	2,710.06	1/2	2,378.62	1/2	2,047.18	1/2	1,715.63
3/4		3/4	4,328.85	3/4	4,021.49	3/4	3,697.46	3/4	3,366.03	3/4	3,034.59	3/4	2,703.15	3/4	2,371.71	3/4	2,040.27	3/4	1,708.73
11		11	4,322.61	11	4,014.90	11	3,690.56	11	3,359.13	11	3,027.69	11	2,696.25	11	2,364.81	11	2,033.37	11	1,701.82
1/4		1/4	4,316.37	1/4	4,008.31	1/4	3,683.66	1/4	3,352.22	1/4	3,020.78	1/4	2,689.34	1/4	2,357.90	1/4	2,026.46	1/4	1,694.91
1/2		1/2	4,310.10	1/2	4,001.69	1/2	3,676.76	1/2	3,345.32	1/2	3,013.88	1/2	2,682.44	1/2	2,351.00	1/2	2,019.55	1/2	1,688.00
3/4		3/4	4,303.84	3/4	3,995.07	3/4	3,669.85	3/4	3,338.41	3/4	3,006.97	3/4	2,675.53	3/4	2,344.09	3/4	2,012.65	3/4	1,681.10

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.

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 108"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,674.19	0	1,342.64	0	1,011.72	0	696.34	0	404.63	0	133.15	0		0		0		0	
1/4	1,667.28	1/4	1,335.73	1/4	1,004.91	1/4	690.01	1/4	398.74	1/4	127.71	1/4		1/4		1/4		1/4	
1/2	1,660.38	1/2	1,328.82	1/2	998.13	1/2	683.72	1/2	392.88	1/2	122.31	1/2		1/2		1/2		1/2	
3/4	1,653.47	3/4	1,321.92	3/4	991.36	3/4	677.43	3/4	387.02	3/4	116.91	3/4		3/4		3/4		3/4	
1	1,646.56	1	1,315.01	1	984.59	1	671.14	1	381.17	1	111.52	1		1		1		1	
1/4	1,639.65	1/4	1,308.10	1/4	977.81	1/4	664.85	1/4	375.31	1/4	106.12	1/4		1/4		1/4		1/4	
1/2	1,632.75	1/2	1,301.20	1/2	971.08	1/2	658.60	1/2	369.49	1/2	100.76	1/2		1/2		1/2		1/2	
3/4	1,625.84	3/4	1,294.29	3/4	964.34	3/4	652.34	3/4	363.67	3/4	95.40	3/4		3/4		3/4		3/4	
2	1,618.93	2	1,287.38	2	957.61	2	646.09	2	357.85	2	90.04	2		2		2		2	
1/4	1,612.02	1/4	1,280.47	1/4	950.87	1/4	639.84	1/4	352.04	1/4	84.68	1/4		1/4		1/4		1/4	
1/2	1,605.12	1/2	1,273.57	1/2	944.18	1/2	633.64	1/2	346.26	1/2	79.36	1/2		1/2		1/2		1/2	
3/4	1,598.21	3/4	1,266.66	3/4	937.48	3/4	627.44	3/4	340.48	3/4	74.04	3/4		3/4		3/4		3/4	
3	1,591.30	3	1,259.75	3	930.78	3	621.23	3	334.70	3	68.71	3		3		3		3	
1/4	1,584.40	1/4	1,252.84	1/4	924.08	1/4	615.03	1/4	328.92	1/4	63.39	1/4		1/4		1/4		1/4	
1/2	1,577.49	1/2	1,245.94	1/2	917.42	1/2	608.88	1/2	323.17	1/2	58.11	1/2		1/2		1/2		1/2	
3/4	1,570.58	3/4	1,239.03	3/4	910.77	3/4	602.72	3/4	317.43	3/4	52.83	3/4		3/4		3/4		3/4	
4	1,563.67	4	1,232.12	4	904.11	4	596.57	4	311.69	4	47.54	4		4		4		4	
1/4	1,556.77	1/4	1,225.22	1/4	897.45	1/4	590.42	1/4	305.95	1/4	42.26	1/4		1/4		1/4		1/4	
1/2	1,549.86	1/2	1,218.31	1/2	890.83	1/2	584.30	1/2	300.24	1/2	37.59	1/2		1/2		1/2		1/2	
3/4	1,542.95	3/4	1,211.40	3/4	884.21	3/4	578.19	3/4	294.54	3/4	32.92	3/4		3/4		3/4		3/4	
5	1,536.04	5	1,204.49	5	877.59	5	572.07	5	288.84	5	28.25	5		5		5		5	
1/4	1,529.14	1/4	1,197.59	1/4	870.97	1/4	565.96	1/4	283.13	1/4	23.58	1/4		1/4		1/4		1/4	
1/2	1,522.23	1/2	1,190.68	1/2	864.38	1/2	559.88	1/2	277.47	1/2	20.24	1/2		1/2		1/2		1/2	
3/4	1,515.32	3/4	1,183.77	3/4	857.80	3/4	553.80	3/4	271.80	3/4	16.90	3/4		3/4		3/4		3/4	
6	1,508.41	6	1,176.86	6	851.22	6	547.73	6	266.14	6	13.56	6		6		6		6	
1/4	1,501.51	1/4	1,169.96	1/4	844.63	1/4	541.65	1/4	260.47	1/4	10.22	1/4		1/4		1/4		1/4	
1/2	1,494.60	1/2	1,163.05	1/2	838.09	1/2	535.61	1/2	254.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,487.69	3/4	1,156.14	3/4	831.55	3/4	529.57	3/4	249.22	3/4		3/4		3/4		3/4		3/4	
7	1,480.79	7	1,149.24	7	825.00	7	523.54	7	243.59	7		7		7		7		7	
1/4	1,473.88	1/4	1,142.33	1/4	818.46	1/4	517.50	1/4	237.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,466.97	1/2	1,135.42	1/2	811.95	1/2	511.50	1/2	232.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,460.06	3/4	1,128.51	3/4	805.45	3/4	505.50	3/4	226.79	3/4		3/4		3/4		3/4		3/4	
8	1,453.16	8	1,121.61	8	798.94	8	499.50	8	221.20	8		8		8		8		8	
1/4	1,446.25	1/4	1,114.70	1/4	792.43	1/4	493.50	1/4	215.61	1/4		1/4		1/4		1/4		1/4	
1/2	1,439.34	1/2	1,107.80	1/2	785.96	1/2	487.53	1/2	210.06	1/2		1/2		1/2		1/2		1/2	
3/4	1,432.43	3/4	1,100.89	3/4	779.50	3/4	481.57	3/4	204.51	3/4		3/4		3/4		3/4		3/4	
9	1,425.53	9	1,093.99	9	773.03	9	475.61	9	198.95	9		9		9		9		9	
1/4	1,418.62	1/4	1,087.09	1/4	766.56	1/4	469.65	1/4	193.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,411.71	1/2	1,080.21	1/2	760.13	1/2	463.72	1/2	187.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,404.81	3/4	1,073.32	3/4	753.70	3/4	457.80	3/4	182.38	3/4		3/4		3/4		3/4		3/4	
10	1,397.90	10	1,066.44	10	747.27	10	451.88	10	176.87	10		10		10		10		10	
1/4	1,390.99	1/4	1,059.56	1/4	740.84	1/4	445.95	1/4	171.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,384.08	1/2	1,052.71	1/2	734.46	1/2	440.04	1/2	165.88	1/2		1/2		1/2		1/2		1/2	
3/4	1,377.18	3/4	1,045.86	3/4	728.08	3/4	434.13	3/4	160.40	3/4		3/4		3/4		3/4		3/4	
11	1,370.27	11	1,039.01	11	721.70	11	428.22	11	154.93	11		11		11		11		11	
1/4	1,363.36	1/4	1,032.16	1/4	715.33	1/4	422.31	1/4	149.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,356.45	1/2	1,025.34	1/2	709.00	1/2	416.42	1/2	144.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,349.55	3/4	1,018.53	3/4	702.67	3/4	410.52	3/4	138.58	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/22/2021 JS
CALCULATED: 04/22/2021 CL
PRINTED: 04/23/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "TMTB 108"

2 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-05 3/4"

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		0	5,543.99	0	5,192.27	0	4,829.81	0	4,448.61	0	4,061.11	0	3,673.61	0	3,286.10	0	2,898.60	0	2,511.08
1/4		1/4	5,537.66	1/4	5,184.91	1/4	4,822.04	1/4	4,440.54	1/4	4,053.04	1/4	3,665.53	1/4	3,278.03	1/4	2,890.53	1/4	2,503.01
1/2		1/2	5,531.33	1/2	5,177.55	1/2	4,814.27	1/2	4,432.47	1/2	4,044.96	1/2	3,657.46	1/2	3,269.96	1/2	2,882.45	1/2	2,494.93
3/4		3/4	5,525.01	3/4	5,170.19	3/4	4,806.50	3/4	4,424.40	3/4	4,036.89	3/4	3,649.39	3/4	3,261.88	3/4	2,874.38	3/4	2,486.86
1		1	5,517.47	1	5,162.79	1	4,798.70	1	4,416.32	1	4,028.82	1	3,641.31	1	3,253.81	1	2,866.31	1	2,478.78
1/4		1/4	5,509.94	1/4	5,155.40	1/4	4,790.90	1/4	4,408.25	1/4	4,020.75	1/4	3,633.24	1/4	3,245.74	1/4	2,858.23	1/4	2,470.71
1/2		1/2	5,502.40	1/2	5,148.00	1/2	4,783.09	1/2	4,400.18	1/2	4,012.67	1/2	3,625.17	1/2	3,237.66	1/2	2,850.16	1/2	2,462.63
3/4		3/4	5,494.86	3/4	5,140.61	3/4	4,775.29	3/4	4,392.10	3/4	4,004.60	3/4	3,617.10	3/4	3,229.59	3/4	2,842.09	3/4	2,454.56
2		2	5,486.93	2	5,133.19	2	4,767.46	2	4,384.03	2	3,996.53	2	3,609.02	2	3,221.52	2	2,834.01	2	2,446.48
1/4		1/4	5,478.99	1/4	5,125.76	1/4	4,759.63	1/4	4,375.96	1/4	3,988.45	1/4	3,600.95	1/4	3,213.45	1/4	2,825.94	1/4	2,438.41
1/2		1/2	5,471.05	1/2	5,118.34	1/2	4,751.80	1/2	4,367.88	1/2	3,980.38	1/2	3,592.88	1/2	3,205.37	1/2	2,817.87	1/2	2,430.33
3/4		3/4	5,463.11	3/4	5,110.92	3/4	4,743.97	3/4	4,359.81	3/4	3,972.31	3/4	3,584.80	3/4	3,197.30	3/4	2,809.80	3/4	2,422.26
3		3	5,455.17	3	5,103.46	3	4,736.10	3	4,351.74	3	3,964.23	3	3,576.73	3	3,189.23	3	2,801.72	3	2,414.18
1/4		1/4	5,447.24	1/4	5,096.01	1/4	4,728.24	1/4	4,343.67	1/4	3,956.16	1/4	3,568.66	1/4	3,181.15	1/4	2,793.65	1/4	2,406.10
1/2		1/2	5,439.30	1/2	5,088.55	1/2	4,720.38	1/2	4,335.59	1/2	3,948.09	1/2	3,560.58	1/2	3,173.08	1/2	2,785.58	1/2	2,398.03
3/4		3/4	5,431.36	3/4	5,081.10	3/4	4,712.52	3/4	4,327.52	3/4	3,940.02	3/4	3,552.51	3/4	3,165.01	3/4	2,777.50	3/4	2,389.95
4		4	5,423.87	4	5,073.61	4	4,704.63	4	4,319.45	4	3,931.94	4	3,544.44	4	3,156.93	4	2,769.43	4	2,381.88
1/4		1/4	5,416.38	1/4	5,066.13	1/4	4,696.73	1/4	4,311.37	1/4	3,923.87	1/4	3,536.37	1/4	3,148.86	1/4	2,761.36	1/4	2,373.80
1/2		1/2	5,408.89	1/2	5,058.64	1/2	4,688.84	1/2	4,303.30	1/2	3,915.80	1/2	3,528.29	1/2	3,140.79	1/2	2,753.28	1/2	2,365.73
3/4		3/4	5,401.41	3/4	5,051.16	3/4	4,680.95	3/4	4,295.23	3/4	3,907.72	3/4	3,520.22	3/4	3,132.72	3/4	2,745.21	3/4	2,357.65
5		5	5,394.35	5	5,043.64	5	4,673.02	5	4,287.15	5	3,899.65	5	3,512.15	5	3,124.64	5	2,737.14	5	2,349.58
1/4		1/4	5,387.30	1/4	5,036.12	1/4	4,665.10	1/4	4,279.08	1/4	3,891.58	1/4	3,504.07	1/4	3,116.57	1/4	2,729.07	1/4	2,341.50
1/2		1/2	5,380.25	1/2	5,028.61	1/2	4,657.18	1/2	4,271.01	1/2	3,883.50	1/2	3,496.00	1/2	3,108.50	1/2	2,720.99	1/2	2,333.43
3/4		3/4	5,373.19	3/4	5,021.09	3/4	4,649.25	3/4	4,262.94	3/4	3,875.43	3/4	3,487.93	3/4	3,100.42	3/4	2,712.92	3/4	2,325.35
6		6	5,366.11	6	5,013.55	6	4,641.30	6	4,254.86	6	3,867.36	6	3,479.85	6	3,092.35	6	2,704.85	6	2,317.28
1/4		1/4	5,359.03	1/4	5,006.00	1/4	4,633.34	1/4	4,246.79	1/4	3,859.29	1/4	3,471.78	1/4	3,084.28	1/4	2,696.77	1/4	2,309.20
1/2		1/2	5,351.94	1/2	4,998.45	1/2	4,625.39	1/2	4,238.72	1/2	3,851.21	1/2	3,463.71	1/2	3,076.20	1/2	2,688.70	1/2	2,301.13
3/4		3/4	5,344.86	3/4	4,990.91	3/4	4,617.44	3/4	4,230.64	3/4	3,843.14	3/4	3,455.64	3/4	3,068.13	3/4	2,680.63	3/4	2,293.05
7		7	5,337.70	7	4,983.33	7	4,609.45	7	4,222.57	7	3,835.07	7	3,447.56	7	3,060.06	7	2,672.55	7	2,284.98
1/4		1/4	5,330.54	1/4	4,975.75	1/4	4,601.47	1/4	4,214.50	1/4	3,826.99	1/4	3,439.49	1/4	3,051.99	1/4	2,664.48	1/4	2,276.90
1/2		1/2	5,323.37	1/2	4,968.17	1/2	4,593.48	1/2	4,206.42	1/2	3,818.92	1/2	3,431.42	1/2	3,043.91	1/2	2,656.41	1/2	2,268.82
3/4		3/4	5,316.21	3/4	4,960.60	3/4	4,585.50	3/4	4,198.35	3/4	3,810.85	3/4	3,423.34	3/4	3,035.84	3/4	2,648.34	3/4	2,260.75
8		8	5,308.97	8	4,952.97	8	4,577.48	8	4,190.28	8	3,802.77	8	3,415.27	8	3,027.77	8	2,640.26	8	2,252.67
1/4		1/4	5,301.73	1/4	4,945.34	1/4	4,569.46	1/4	4,182.21	1/4	3,794.70	1/4	3,407.20	1/4	3,019.69	1/4	2,632.19	1/4	2,244.60
1/2		1/2	5,294.49	1/2	4,937.71	1/2	4,561.45	1/2	4,174.13	1/2	3,786.63	1/2	3,399.12	1/2	3,011.62	1/2	2,624.12	1/2	2,236.52
3/4		3/4	5,287.25	3/4	4,930.09	3/4	4,553.43	3/4	4,166.06	3/4	3,778.56	3/4	3,391.05	3/4	3,003.55	3/4	2,616.04	3/4	2,228.45
9		9	5,279.98	9	4,922.41	9	4,545.39	9	4,157.99	9	3,770.48	9	3,382.98	9	2,995.47	9	2,607.97	9	2,220.37
1/4		1/4	5,272.71	1/4	4,914.73	1/4	4,537.34	1/4	4,149.91	1/4	3,762.41	1/4	3,374.91	1/4	2,987.40	1/4	2,599.90	1/4	2,212.30
1/2		1/2	5,265.44	1/2	4,907.05	1/2	4,529.30	1/2	4,141.84	1/2	3,754.34	1/2	3,366.83	1/2	2,979.33	1/2	2,591.82	1/2	2,204.22
3/4		3/4	5,258.17	3/4	4,899.37	3/4	4,521.25	3/4	4,133.77	3/4	3,746.26	3/4	3,358.76	3/4	2,971.26	3/4	2,583.75	3/4	2,196.15
10		10	5,250.87	10	4,891.66	10	4,513.18	10	4,125.69	10	3,738.19	10	3,350.69	10	2,963.18	10	2,575.68	10	2,188.07
1/4		1/4	5,243.57	1/4	4,883.96	1/4	4,505.11	1/4	4,117.62	1/4	3,730.12	1/4	3,342.61	1/4	2,955.11	1/4	2,567.61	1/4	2,180.00
1/2		1/2	5,236.27	1/2	4,876.25	1/2	4,497.05	1/2	4,109.55	1/2	3,722.04	1/2	3,334.54	1/2	2,947.04	1/2	2,559.53	1/2	2,171.92
3/4		3/4	5,228.96	3/4	4,868.54	3/4	4,488.98	3/4	4,101.48	3/4	3,713.97	3/4	3,326.47	3/4	2,938.96	3/4	2,551.46	3/4	2,163.85
11		11	5,221.63	11	4,860.80	11	4,480.91	11	4,093.40	11	3,705.90	11	3,318.39	11	2,930.89	11	2,543.39	11	2,155.77
1/4		1/4	5,214.30	1/4	4,853.06	1/4	4,472.83	1/4	4,085.33	1/4	3,697.83	1/4	3,310.32	1/4	2,922.82	1/4	2,535.31	1/4	2,147.70
1/2		1/2	5,206.97	1/2	4,845.32	1/2	4,464.76	1/2	4,077.26	1/2	3,689.75	1/2	3,302.25	1/2	2,914.74	1/2	2,527.23	1/2	2,139.62
3/4		3/4	5,550.31	3/4	5,199.64	3/4	4,837.58	3/4	4,456.69	3/4	4,069.18	3/4	3,681.68	3/4	3,294.18	3/4	2,906.67	3/4	2,131.54

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO 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.

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 108"

2 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	2,123.47	0	1,735.86	0	1,348.24	0	960.63	0	573.74	0	186.14	0		0		0		0	
1/4	2,115.39	1/4	1,727.78	1/4	1,340.17	1/4	952.55	1/4	565.67	1/4	178.06	1/4		1/4		1/4		1/4	
1/2	2,107.32	1/2	1,719.70	1/2	1,332.09	1/2	944.48	1/2	557.59	1/2	169.99	1/2		1/2		1/2		1/2	
3/4	2,099.24	3/4	1,711.63	3/4	1,324.01	3/4	936.40	3/4	549.52	3/4	161.91	3/4		3/4		3/4		3/4	
1	2,091.17	1	1,703.55	1	1,315.94	1	928.33	1	541.44	1	153.84	1		1		1		1	
1/4	2,083.09	1/4	1,695.48	1/4	1,307.86	1/4	920.25	1/4	533.37	1/4	145.76	1/4		1/4		1/4		1/4	
1/2	2,075.02	1/2	1,687.40	1/2	1,299.79	1/2	912.17	1/2	525.29	1/2	137.69	1/2		1/2		1/2		1/2	
3/4	2,066.94	3/4	1,679.33	3/4	1,291.71	3/4	904.10	3/4	517.22	3/4	129.61	3/4		3/4		3/4		3/4	
2	2,058.87	2	1,671.25	2	1,283.64	2	896.03	2	509.14	2	121.54	2		2		2		2	
1/4	2,050.79	1/4	1,663.18	1/4	1,275.56	1/4	887.97	1/4	501.07	1/4	113.46	1/4		1/4		1/4		1/4	
1/2	2,042.72	1/2	1,655.10	1/2	1,267.49	1/2	879.91	1/2	492.99	1/2	105.39	1/2		1/2		1/2		1/2	
3/4	2,034.64	3/4	1,647.03	3/4	1,259.41	3/4	871.84	3/4	484.92	3/4	97.31	3/4		3/4		3/4		3/4	
3	2,026.57	3	1,638.95	3	1,251.34	3	863.79	3	476.84	3	89.24	3		3		3		3	
1/4	2,018.49	1/4	1,630.88	1/4	1,243.26	1/4	855.74	1/4	468.77	1/4	81.16	1/4		1/4		1/4		1/4	
1/2	2,010.42	1/2	1,622.80	1/2	1,235.19	1/2	847.68	1/2	460.69	1/2	73.09	1/2		1/2		1/2		1/2	
3/4	2,002.34	3/4	1,614.73	3/4	1,227.11	3/4	839.63	3/4	452.62	3/4	65.01	3/4		3/4		3/4		3/4	
4	1,994.26	4	1,606.65	4	1,219.04	4	831.58	4	444.54	4	57.61	4		4		4		4	
1/4	1,986.19	1/4	1,598.57	1/4	1,210.96	1/4	823.53	1/4	436.46	1/4	50.21	1/4		1/4		1/4		1/4	
1/2	1,978.11	1/2	1,590.50	1/2	1,202.89	1/2	815.47	1/2	428.39	1/2	42.80	1/2		1/2		1/2		1/2	
3/4	1,970.04	3/4	1,582.42	3/4	1,194.81	3/4	807.42	3/4	420.31	3/4	35.40	3/4		3/4		3/4		3/4	
5	1,961.96	5	1,574.35	5	1,186.73	5	799.37	5	412.24	5	30.02	5		5		5		5	
1/4	1,953.89	1/4	1,566.27	1/4	1,178.66	1/4	791.32	1/4	404.16	1/4	24.64	1/4		1/4		1/4		1/4	
1/2	1,945.81	1/2	1,558.20	1/2	1,170.58	1/2	783.26	1/2	396.09	1/2	19.25	1/2		1/2		1/2		1/2	
3/4	1,937.74	3/4	1,550.12	3/4	1,162.51	3/4	775.21	3/4	388.01	3/4	13.87	3/4		3/4		3/4		3/4	
6	1,929.66	6	1,542.05	6	1,154.43	6	767.16	6	379.94	6		6		6		6		6	
1/4	1,921.59	1/4	1,533.97	1/4	1,146.36	1/4	759.11	1/4	371.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,913.51	1/2	1,525.90	1/2	1,138.28	1/2	751.05	1/2	363.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,905.44	3/4	1,517.82	3/4	1,130.21	3/4	743.00	3/4	355.71	3/4		3/4		3/4		3/4		3/4	
7	1,897.36	7	1,509.75	7	1,122.13	7	734.95	7	347.64	7		7		7		7		7	
1/4	1,889.29	1/4	1,501.67	1/4	1,114.06	1/4	726.90	1/4	339.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,881.21	1/2	1,493.60	1/2	1,105.98	1/2	718.84	1/2	331.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,873.14	3/4	1,485.52	3/4	1,097.91	3/4	710.79	3/4	323.41	3/4		3/4		3/4		3/4		3/4	
8	1,865.06	8	1,477.45	8	1,089.83	8	702.74	8	315.34	8		8		8		8		8	
1/4	1,856.98	1/4	1,469.37	1/4	1,081.76	1/4	694.68	1/4	307.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,848.91	1/2	1,461.29	1/2	1,073.68	1/2	686.63	1/2	299.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,840.83	3/4	1,453.22	3/4	1,065.61	3/4	678.58	3/4	291.11	3/4		3/4		3/4		3/4		3/4	
9	1,832.76	9	1,445.14	9	1,057.53	9	670.53	9	283.04	9		9		9		9		9	
1/4	1,824.68	1/4	1,437.07	1/4	1,049.45	1/4	662.47	1/4	274.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,816.61	1/2	1,428.99	1/2	1,041.38	1/2	654.42	1/2	266.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,808.53	3/4	1,420.92	3/4	1,033.30	3/4	646.37	3/4	258.81	3/4		3/4		3/4		3/4		3/4	
10	1,800.46	10	1,412.84	10	1,025.23	10	638.31	10	250.74	10		10		10		10		10	
1/4	1,792.38	1/4	1,404.77	1/4	1,017.15	1/4	630.24	1/4	242.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,784.31	1/2	1,396.69	1/2	1,009.08	1/2	622.18	1/2	234.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,776.23	3/4	1,388.62	3/4	1,001.00	3/4	614.12	3/4	226.51	3/4		3/4		3/4		3/4		3/4	
11	1,768.16	11	1,380.54	11	992.93	11	606.04	11	218.44	11		11		11		11		11	
1/4	1,760.08	1/4	1,372.47	1/4	984.85	1/4	597.97	1/4	210.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,752.01	1/2	1,364.39	1/2	976.78	1/2	589.89	1/2	202.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,743.93	3/4	1,356.32	3/4	968.70	3/4	581.82	3/4	194.21	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/22/2021 JS
CALCULATED: 04/22/2021 CL
PRINTED: 04/23/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "TMTB 108"

2 STBD ULLAGE 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		0		0	5,196.70	0	4,834.68	0	4,453.76	0	4,065.91	0	3,678.06	0	3,290.21	0	2,902.36	0	2,514.51
1/4		1/4	5,540.39	1/4	5,189.36	1/4	4,826.94	1/4	4,445.68	1/4	4,057.83	1/4	3,669.98	1/4	3,282.13	1/4	2,894.28	1/4	2,506.43
1/2		1/2	5,534.06	1/2	5,181.99	1/2	4,819.16	1/2	4,437.60	1/2	4,049.75	1/2	3,661.90	1/2	3,274.05	1/2	2,886.20	1/2	2,498.34
3/4		3/4	5,527.73	3/4	5,174.62	3/4	4,811.38	3/4	4,429.52	3/4	4,041.67	3/4	3,653.82	3/4	3,265.97	3/4	2,878.12	3/4	2,490.26
1		1	5,521.40	1	5,167.25	1	4,803.60	1	4,421.44	1	4,033.59	1	3,645.74	1	3,257.89	1	2,870.04	1	2,482.18
1/4		1/4	5,515.06	1/4	5,159.88	1/4	4,795.83	1/4	4,413.36	1/4	4,025.51	1/4	3,637.66	1/4	3,249.81	1/4	2,861.96	1/4	2,474.10
1/2		1/2	5,507.52	1/2	5,152.47	1/2	4,788.02	1/2	4,405.28	1/2	4,017.43	1/2	3,629.58	1/2	3,241.73	1/2	2,853.88	1/2	2,466.01
3/4		3/4	5,499.98	3/4	5,145.07	3/4	4,780.21	3/4	4,397.20	3/4	4,009.35	3/4	3,621.50	3/4	3,233.65	3/4	2,845.80	3/4	2,457.93
2		2	5,492.44	2	5,137.67	2	4,772.40	2	4,389.12	2	4,001.27	2	3,613.42	2	3,225.57	2	2,837.72	2	2,449.85
1/4		1/4	5,484.89	1/4	5,130.27	1/4	4,764.59	1/4	4,381.04	1/4	3,993.19	1/4	3,605.34	1/4	3,217.49	1/4	2,829.64	1/4	2,441.77
1/2		1/2	5,476.95	1/2	5,122.84	1/2	4,756.75	1/2	4,372.96	1/2	3,985.11	1/2	3,597.26	1/2	3,209.41	1/2	2,821.56	1/2	2,433.68
3/4		3/4	5,469.00	3/4	5,115.41	3/4	4,748.91	3/4	4,364.88	3/4	3,977.03	3/4	3,589.18	3/4	3,201.33	3/4	2,813.48	3/4	2,425.60
3		3	5,461.06	3	5,107.98	3	4,741.07	3	4,356.80	3	3,968.95	3	3,581.10	3	3,193.25	3	2,805.40	3	2,417.52
1/4		1/4	5,453.11	1/4	5,100.55	1/4	4,733.24	1/4	4,348.72	1/4	3,960.87	1/4	3,573.02	1/4	3,185.17	1/4	2,797.32	1/4	2,409.44
1/2		1/2	5,445.17	1/2	5,093.08	1/2	4,725.37	1/2	4,340.64	1/2	3,952.79	1/2	3,564.94	1/2	3,177.09	1/2	2,789.24	1/2	2,401.35
3/4		3/4	5,437.22	3/4	5,085.62	3/4	4,717.50	3/4	4,332.56	3/4	3,944.71	3/4	3,556.86	3/4	3,169.01	3/4	2,781.16	3/4	2,393.27
4		4	5,429.27	4	5,078.16	4	4,709.63	4	4,324.48	4	3,936.63	4	3,548.78	4	3,160.93	4	2,773.08	4	2,385.19
1/4		1/4	5,421.33	1/4	5,070.70	1/4	4,701.76	1/4	4,316.40	1/4	3,928.55	1/4	3,540.70	1/4	3,152.85	1/4	2,765.00	1/4	2,377.11
1/2		1/2	5,413.83	1/2	5,063.20	1/2	4,693.86	1/2	4,308.32	1/2	3,920.47	1/2	3,532.62	1/2	3,144.77	1/2	2,756.92	1/2	2,369.02
3/4		3/4	5,406.34	3/4	5,055.71	3/4	4,685.96	3/4	4,300.24	3/4	3,912.39	3/4	3,524.54	3/4	3,136.69	3/4	2,748.84	3/4	2,360.94
5		5	5,398.84	5	5,048.22	5	4,678.06	5	4,292.16	5	3,904.31	5	3,516.46	5	3,128.61	5	2,740.76	5	2,352.86
1/4		1/4	5,391.35	1/4	5,040.72	1/4	4,670.16	1/4	4,284.08	1/4	3,896.23	1/4	3,508.38	1/4	3,120.53	1/4	2,732.68	1/4	2,344.78
1/2		1/2	5,384.29	1/2	5,033.20	1/2	4,662.23	1/2	4,276.00	1/2	3,888.15	1/2	3,500.30	1/2	3,112.45	1/2	2,724.60	1/2	2,336.69
3/4		3/4	5,377.22	3/4	5,025.68	3/4	4,654.29	3/4	4,267.92	3/4	3,880.07	3/4	3,492.22	3/4	3,104.37	3/4	2,716.52	3/4	2,328.61
6		6	5,370.16	6	5,018.15	6	4,646.36	6	4,259.84	6	3,871.99	6	3,484.14	6	3,096.29	6	2,708.44	6	2,320.53
1/4		1/4	5,363.10	1/4	5,010.63	1/4	4,638.43	1/4	4,251.76	1/4	3,863.91	1/4	3,476.06	1/4	3,088.21	1/4	2,700.36	1/4	2,312.45
1/2		1/2	5,356.01	1/2	5,003.08	1/2	4,630.47	1/2	4,243.68	1/2	3,855.83	1/2	3,467.98	1/2	3,080.13	1/2	2,692.28	1/2	2,304.36
3/4		3/4	5,348.92	3/4	4,995.52	3/4	4,622.51	3/4	4,235.60	3/4	3,847.75	3/4	3,459.90	3/4	3,072.05	3/4	2,684.20	3/4	2,296.28
7		7	5,341.83	7	4,987.97	7	4,614.55	7	4,227.52	7	3,839.67	7	3,451.82	7	3,063.97	7	2,676.12	7	2,288.20
1/4		1/4	5,334.74	1/4	4,980.41	1/4	4,606.59	1/4	4,219.44	1/4	3,831.59	1/4	3,443.74	1/4	3,055.89	1/4	2,668.04	1/4	2,280.12
1/2		1/2	5,327.57	1/2	4,972.83	1/2	4,598.59	1/2	4,211.36	1/2	3,823.51	1/2	3,435.66	1/2	3,047.81	1/2	2,659.96	1/2	2,272.03
3/4		3/4	5,320.40	3/4	4,965.24	3/4	4,590.60	3/4	4,203.28	3/4	3,815.43	3/4	3,427.58	3/4	3,039.73	3/4	2,651.88	3/4	2,263.95
8		8	5,313.23	8	4,957.66	8	4,582.61	8	4,195.20	8	3,807.35	8	3,419.50	8	3,031.65	8	2,643.80	8	2,255.87
1/4		1/4	5,306.06	1/4	4,950.07	1/4	4,574.62	1/4	4,187.12	1/4	3,799.27	1/4	3,411.42	1/4	3,023.57	1/4	2,635.72	1/4	2,247.79
1/2		1/2	5,298.81	1/2	4,942.44	1/2	4,566.60	1/2	4,179.04	1/2	3,791.19	1/2	3,403.34	1/2	3,015.49	1/2	2,627.64	1/2	2,239.70
3/4		3/4	5,291.56	3/4	4,934.80	3/4	4,558.57	3/4	4,170.96	3/4	3,783.11	3/4	3,395.26	3/4	3,007.41	3/4	2,619.56	3/4	2,231.62
9		9	5,284.31	9	4,927.17	9	4,550.55	9	4,162.88	9	3,775.03	9	3,387.18	9	2,999.33	9	2,611.48	9	2,223.54
1/4		1/4	5,277.07	1/4	4,919.53	1/4	4,542.53	1/4	4,154.80	1/4	3,766.95	1/4	3,379.10	1/4	2,991.25	1/4	2,603.40	1/4	2,215.46
1/2		1/2	5,269.79	1/2	4,911.85	1/2	4,534.47	1/2	4,146.72	1/2	3,758.87	1/2	3,371.02	1/2	2,983.17	1/2	2,595.32	1/2	2,207.37
3/4		3/4	5,262.51	3/4	4,904.16	3/4	4,526.42	3/4	4,138.64	3/4	3,750.79	3/4	3,362.94	3/4	2,975.09	3/4	2,587.24	3/4	2,199.29
10		10	5,255.23	10	4,896.48	10	4,518.37	10	4,130.56	10	3,742.71	10	3,354.86	10	2,967.01	10	2,579.16	10	2,191.21
1/4		1/4	5,247.95	1/4	4,888.79	1/4	4,510.31	1/4	4,122.47	1/4	3,734.63	1/4	3,346.78	1/4	2,958.93	1/4	2,571.08	1/4	2,183.13
1/2		1/2	5,240.64	1/2	4,881.07	1/2	4,502.24	1/2	4,114.39	1/2	3,726.55	1/2	3,338.70	1/2	2,950.85	1/2	2,563.00	1/2	2,175.04
3/4		3/4	5,233.33	3/4	4,873.36	3/4	4,494.16	3/4	4,106.31	3/4	3,718.46	3/4	3,330.62	3/4	2,942.77	3/4	2,554.92	3/4	2,166.96
11		11	5,226.02	11	4,865.64	11	4,486.08	11	4,098.23	11	3,710.38	11	3,322.54	11	2,934.69	11	2,546.84	11	2,158.88
1/4		1/4	5,218.72	1/4	4,857.92	1/4	4,478.00	1/4	4,090.15	1/4	3,702.30	1/4	3,314.45	1/4	2,926.61	1/4	2,538.76	1/4	2,150.80
1/2		1/2	5,211.38	1/2	4,850.18	1/2	4,469.92	1/2	4,082.07	1/2	3,694.22	1/2	3,306.37	1/2	2,918.53	1/2	2,530.67	1/2	2,142.71
3/4		3/4	5,204.04	3/4	4,842.43	3/4	4,461.84	3/4	4,073.99	3/4	3,686.14	3/4	3,298.29	3/4	2,910.44	3/4	2,522.59	3/4	2,134.63

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.

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 108"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,126.55	0	1,738.59	0	1,350.63	0	964.23	0	590.41	0	202.47	0		0		0		0	
1/4	2,118.47	1/4	1,730.51	1/4	1,342.55	1/4	956.46	1/4	582.33	1/4	194.38	1/4		1/4		1/4		1/4	
1/2	2,110.38	1/2	1,722.42	1/2	1,334.46	1/2	948.69	1/2	574.25	1/2	186.30	1/2		1/2		1/2		1/2	
3/4	2,102.30	3/4	1,714.34	3/4	1,326.38	3/4	940.92	3/4	566.16	3/4	178.22	3/4		3/4		3/4		3/4	
1	2,094.22	1	1,706.26	1	1,318.30	1	933.15	1	558.08	1	170.14	1		1		1		1	
1/4	2,086.14	1/4	1,698.18	1/4	1,310.22	1/4	925.38	1/4	550.00	1/4	162.05	1/4		1/4		1/4		1/4	
1/2	2,078.05	1/2	1,690.09	1/2	1,302.13	1/2	917.61	1/2	541.92	1/2	153.97	1/2		1/2		1/2		1/2	
3/4	2,069.97	3/4	1,682.01	3/4	1,294.05	3/4	909.84	3/4	533.84	3/4	145.89	3/4		3/4		3/4		3/4	
2	2,061.89	2	1,673.93	2	1,285.97	2	902.07	2	525.75	2	137.81	2		2		2		2	
1/4	2,053.81	1/4	1,665.85	1/4	1,277.89	1/4	894.30	1/4	517.67	1/4	129.73	1/4		1/4		1/4		1/4	
1/2	2,045.72	1/2	1,657.76	1/2	1,269.80	1/2	886.54	1/2	509.59	1/2	121.64	1/2		1/2		1/2		1/2	
3/4	2,037.64	3/4	1,649.68	3/4	1,261.72	3/4	878.78	3/4	501.51	3/4	113.56	3/4		3/4		3/4		3/4	
3	2,029.56	3	1,641.60	3	1,253.64	3	871.02	3	493.42	3	105.48	3		3		3		3	
1/4	2,021.48	1/4	1,633.52	1/4	1,245.56	1/4	863.26	1/4	485.34	1/4	97.40	1/4		1/4		1/4		1/4	
1/2	2,013.39	1/2	1,625.43	1/2	1,237.47	1/2	855.51	1/2	477.26	1/2	89.31	1/2		1/2		1/2		1/2	
3/4	2,005.31	3/4	1,617.35	3/4	1,229.39	3/4	847.77	3/4	469.18	3/4	81.23	3/4		3/4		3/4		3/4	
4	1,997.23	4	1,609.27	4	1,221.31	4	840.02	4	461.10	4	73.15	4		4		4		4	
1/4	1,989.15	1/4	1,601.19	1/4	1,213.23	1/4	832.27	1/4	453.01	1/4	65.07	1/4		1/4		1/4		1/4	
1/2	1,981.06	1/2	1,593.10	1/2	1,205.14	1/2	824.52	1/2	444.93	1/2	57.66	1/2		1/2		1/2		1/2	
3/4	1,972.98	3/4	1,585.02	3/4	1,197.06	3/4	816.77	3/4	436.85	3/4	50.25	3/4		3/4		3/4		3/4	
5	1,964.90	5	1,576.94	5	1,188.98	5	809.03	5	428.77	5	42.84	5		5		5		5	
1/4	1,956.82	1/4	1,568.86	1/4	1,180.90	1/4	801.28	1/4	420.68	1/4	35.43	1/4		1/4		1/4		1/4	
1/2	1,948.73	1/2	1,560.77	1/2	1,172.81	1/2	793.53	1/2	412.60	1/2	30.04	1/2		1/2		1/2		1/2	
3/4	1,940.65	3/4	1,552.69	3/4	1,164.73	3/4	785.78	3/4	404.52	3/4	24.66	3/4		3/4		3/4		3/4	
6	1,932.57	6	1,544.61	6	1,156.65	6	778.04	6	396.44	6	19.27	6		6		6		6	
1/4	1,924.49	1/4	1,536.53	1/4	1,148.57	1/4	770.29	1/4	388.36	1/4	13.88	1/4		1/4		1/4		1/4	
1/2	1,916.40	1/2	1,528.44	1/2	1,140.48	1/2	762.54	1/2	380.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,908.32	3/4	1,520.36	3/4	1,132.40	3/4	754.79	3/4	372.19	3/4		3/4		3/4		3/4		3/4	
7	1,900.24	7	1,512.28	7	1,124.32	7	747.04	7	364.11	7		7		7		7		7	
1/4	1,892.16	1/4	1,504.20	1/4	1,116.24	1/4	739.30	1/4	356.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,884.07	1/2	1,496.11	1/2	1,108.15	1/2	731.55	1/2	347.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,875.99	3/4	1,488.03	3/4	1,100.07	3/4	723.80	3/4	339.86	3/4		3/4		3/4		3/4		3/4	
8	1,867.91	8	1,479.95	8	1,091.99	8	716.05	8	331.78	8		8		8		8		8	
1/4	1,859.83	1/4	1,471.87	1/4	1,083.91	1/4	708.30	1/4	323.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,851.74	1/2	1,463.78	1/2	1,075.82	1/2	700.56	1/2	315.62	1/2		1/2		1/2		1/2		1/2	
3/4	1,843.66	3/4	1,455.70	3/4	1,067.74	3/4	692.81	3/4	307.53	3/4		3/4		3/4		3/4		3/4	
9	1,835.58	9	1,447.62	9	1,059.66	9	685.06	9	299.45	9		9		9		9		9	
1/4	1,827.50	1/4	1,439.54	1/4	1,051.58	1/4	677.31	1/4	291.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,819.41	1/2	1,431.45	1/2	1,043.49	1/2	669.57	1/2	283.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,811.33	3/4	1,423.37	3/4	1,035.41	3/4	661.82	3/4	275.20	3/4		3/4		3/4		3/4		3/4	
10	1,803.25	10	1,415.29	10	1,027.33	10	654.07	10	267.12	10		10		10		10		10	
1/4	1,795.17	1/4	1,407.21	1/4	1,019.25	1/4	646.32	1/4	259.04	1/4		1/4		1/4		1/4		1/4	
1/2	1,787.08	1/2	1,399.12	1/2	1,011.32	1/2	638.41	1/2	250.96	1/2		1/2		1/2		1/2		1/2	
3/4	1,779.00	3/4	1,391.04	3/4	1,003.39	3/4	630.49	3/4	242.88	3/4		3/4		3/4		3/4		3/4	
11	1,770.92	11	1,382.96	11	995.47	11	622.57	11	234.79	11		11		11		11		11	
1/4	1,762.84	1/4	1,374.88	1/4	987.54	1/4	614.66	1/4	226.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,754.75	1/2	1,366.79	1/2	979.77	1/2	606.58	1/2	218.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,746.67	3/4	1,358.71	3/4	972.00	3/4	598.49	3/4	210.55	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/22/2021 JS
CALCULATED: 04/22/2021 CL
PRINTED: 04/23/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "TMTB 108"

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	4,756.42	0	4,518.88	0	4,271.14	0	4,009.14	0	3,742.60	0	3,424.88	0	3,064.54	0	2,704.29	0	2,344.05
1/4		1/4	4,752.50	1/4	4,513.86	1/4	4,265.79	1/4	4,003.59	1/4	3,737.04	1/4	3,417.36	1/4	3,057.03	1/4	2,696.79	1/4	2,336.54
1/2		1/2	4,748.58	1/2	4,508.83	1/2	4,260.45	1/2	3,998.04	1/2	3,731.49	1/2	3,409.84	1/2	3,049.53	1/2	2,689.28	1/2	2,329.04
3/4		3/4	4,744.66	3/4	4,503.80	3/4	4,255.10	3/4	3,992.48	3/4	3,725.94	3/4	3,402.32	3/4	3,042.02	3/4	2,681.78	3/4	2,321.53
1		1	4,740.73	1	4,498.78	1	4,249.76	1	3,986.93	1	3,720.39	1	3,394.80	1	3,034.52	1	2,674.27	1	2,314.03
1/4		1/4	4,735.68	1/4	4,493.73	1/4	4,244.39	1/4	3,981.38	1/4	3,714.83	1/4	3,387.28	1/4	3,027.01	1/4	2,666.77	1/4	2,306.52
1/2		1/2	4,730.63	1/2	4,488.68	1/2	4,239.03	1/2	3,975.82	1/2	3,709.28	1/2	3,379.77	1/2	3,019.51	1/2	2,659.26	1/2	2,299.02
3/4		3/4	4,725.58	3/4	4,483.63	3/4	4,233.66	3/4	3,970.27	3/4	3,703.73	3/4	3,372.25	3/4	3,012.00	3/4	2,651.76	3/4	2,291.51
2		2	4,720.53	2	4,478.59	2	4,228.29	2	3,964.72	2	3,698.17	2	3,364.74	2	3,004.50	2	2,644.25	2	2,284.01
1/4		1/4	4,715.11	1/4	4,473.52	1/4	4,222.91	1/4	3,959.16	1/4	3,692.62	1/4	3,357.24	1/4	2,996.99	1/4	2,636.75	1/4	2,276.50
1/2		1/2	4,709.68	1/2	4,468.45	1/2	4,217.52	1/2	3,953.61	1/2	3,687.07	1/2	3,349.73	1/2	2,989.49	1/2	2,629.24	1/2	2,269.00
3/4		3/4	4,704.25	3/4	4,463.38	3/4	4,212.13	3/4	3,948.06	3/4	3,681.51	3/4	3,342.23	3/4	2,981.98	3/4	2,621.74	3/4	2,261.49
3		3	4,698.82	3	4,458.31	3	4,206.75	3	3,942.51	3	3,675.96	3	3,334.72	3	2,974.48	3	2,614.23	3	2,253.99
1/4		1/4	4,693.40	1/4	4,453.22	1/4	4,201.34	1/4	3,936.95	1/4	3,670.41	1/4	3,327.22	1/4	2,966.97	1/4	2,606.73	1/4	2,246.47
1/2		1/2	4,687.97	1/2	4,448.13	1/2	4,195.93	1/2	3,931.40	1/2	3,664.86	1/2	3,319.71	1/2	2,959.47	1/2	2,599.22	1/2	2,238.96
3/4		3/4	4,682.54	3/4	4,443.04	3/4	4,190.52	3/4	3,925.85	3/4	3,659.30	3/4	3,312.20	3/4	2,951.96	3/4	2,591.72	3/4	2,231.45
4		4	4,677.12	4	4,437.95	4	4,185.11	4	3,920.29	4	3,653.75	4	3,304.70	4	2,944.45	4	2,584.21	4	2,223.94
1/4		1/4	4,672.00	1/4	4,432.84	1/4	4,179.69	1/4	3,914.74	1/4	3,648.20	1/4	3,297.19	1/4	2,936.95	1/4	2,576.71	1/4	2,216.43
1/2		1/2	4,666.88	1/2	4,427.73	1/2	4,174.26	1/2	3,909.19	1/2	3,642.64	1/2	3,289.69	1/2	2,929.44	1/2	2,569.20	1/2	2,208.92
3/4		3/4	4,661.77	3/4	4,422.62	3/4	4,168.83	3/4	3,903.63	3/4	3,637.09	3/4	3,282.18	3/4	2,921.94	3/4	2,561.69	3/4	2,201.40
5		5	4,656.65	5	4,417.51	5	4,163.40	5	3,898.08	5	3,631.54	5	3,274.68	5	2,914.43	5	2,554.19	5	2,193.89
1/4		1/4	4,651.83	1/4	4,412.38	1/4	4,157.95	1/4	3,892.53	1/4	3,625.98	1/4	3,267.17	1/4	2,906.93	1/4	2,546.68	1/4	2,186.38
1/2		1/2	4,647.01	1/2	4,407.25	1/2	4,152.50	1/2	3,886.98	1/2	3,620.43	1/2	3,259.67	1/2	2,899.42	1/2	2,539.18	1/2	2,178.87
3/4		3/4	4,642.20	3/4	4,402.12	3/4	4,147.05	3/4	3,881.42	3/4	3,612.91	3/4	3,252.16	3/4	2,891.92	3/4	2,531.67	3/4	2,171.36
6		6	4,637.38	6	4,396.98	6	4,141.60	6	3,875.87	6	3,605.39	6	3,244.66	6	2,884.41	6	2,524.17	6	2,163.84
1/4		1/4	4,632.54	1/4	4,391.83	1/4	4,136.13	1/4	3,870.32	1/4	3,597.87	1/4	3,237.15	1/4	2,876.91	1/4	2,516.66	1/4	2,156.33
1/2		1/2	4,627.70	1/2	4,386.68	1/2	4,130.65	1/2	3,864.76	1/2	3,590.35	1/2	3,229.65	1/2	2,869.40	1/2	2,509.16	1/2	2,148.82
3/4		3/4	4,622.86	3/4	4,381.53	3/4	4,125.18	3/4	3,859.21	3/4	3,582.83	3/4	3,222.14	3/4	2,861.90	3/4	2,501.65	3/4	2,141.31
7		7	4,618.02	7	4,376.37	7	4,119.71	7	3,853.66	7	3,575.30	7	3,214.64	7	2,854.39	7	2,494.15	7	2,133.79
1/4		1/4	4,613.13	1/4	4,371.20	1/4	4,114.22	1/4	3,848.10	1/4	3,567.78	1/4	3,207.13	1/4	2,846.89	1/4	2,486.64	1/4	2,126.28
1/2		1/2	4,608.24	1/2	4,366.02	1/2	4,108.73	1/2	3,842.55	1/2	3,560.26	1/2	3,199.63	1/2	2,839.38	1/2	2,479.14	1/2	2,118.77
3/4		3/4	4,603.35	3/4	4,360.85	3/4	4,103.23	3/4	3,837.00	3/4	3,552.74	3/4	3,192.12	3/4	2,831.88	3/4	2,471.63	3/4	2,111.26
8		8	4,598.46	8	4,355.68	8	4,097.74	8	3,831.45	8	3,545.22	8	3,184.62	8	2,824.37	8	2,464.13	8	2,103.74
1/4		1/4	4,593.52	1/4	4,350.45	1/4	4,092.23	1/4	3,825.89	1/4	3,537.70	1/4	3,177.11	1/4	2,816.87	1/4	2,456.62	1/4	2,096.23
1/2		1/2	4,588.58	1/2	4,345.22	1/2	4,086.72	1/2	3,820.34	1/2	3,530.18	1/2	3,169.61	1/2	2,809.36	1/2	2,449.12	1/2	2,088.72
3/4		3/4	4,583.63	3/4	4,339.99	3/4	4,081.20	3/4	3,814.79	3/4	3,522.66	3/4	3,162.10	3/4	2,801.86	3/4	2,441.61	3/4	2,081.21
9		9	4,578.69	9	4,334.77	9	4,075.69	9	3,809.23	9	3,515.14	9	3,154.60	9	2,794.35	9	2,434.11	9	2,073.70
1/4		1/4	4,573.73	1/4	4,329.48	1/4	4,070.15	1/4	3,803.68	1/4	3,507.61	1/4	3,147.09	1/4	2,786.85	1/4	2,426.60	1/4	2,066.18
1/2		1/2	4,568.77	1/2	4,324.20	1/2	4,064.62	1/2	3,798.13	1/2	3,500.09	1/2	3,139.59	1/2	2,779.34	1/2	2,419.10	1/2	2,058.67
3/4		3/4	4,563.80	3/4	4,318.92	3/4	4,059.09	3/4	3,792.57	3/4	3,492.57	3/4	3,132.08	3/4	2,771.84	3/4	2,411.59	3/4	2,051.16
10		10	4,558.84	10	4,313.64	10	4,053.55	10	3,787.02	10	3,485.05	10	3,124.58	10	2,764.33	10	2,404.09	10	2,043.65
1/4		1/4	4,553.86	1/4	4,308.34	1/4	4,048.00	1/4	3,781.47	1/4	3,477.53	1/4	3,117.07	1/4	2,756.83	1/4	2,396.58	1/4	2,036.13
1/2		1/2	4,548.87	1/2	4,303.03	1/2	4,042.45	1/2	3,775.92	1/2	3,470.01	1/2	3,109.57	1/2	2,749.32	1/2	2,389.08	1/2	2,028.62
3/4		3/4	4,543.89	3/4	4,297.73	3/4	4,036.90	3/4	3,770.36	3/4	3,462.49	3/4	3,102.06	3/4	2,741.82	3/4	2,381.57	3/4	2,021.11
11		11	4,538.90	11	4,292.43	11	4,031.35	11	3,764.81	11	3,454.97	11	3,094.56	11	2,734.31	11	2,374.07	11	2,013.60
1/4		1/4	4,533.90	1/4	4,287.11	1/4	4,025.80	1/4	3,759.26	1/4	3,447.45	1/4	3,087.05	1/4	2,726.81	1/4	2,366.56	1/4	2,006.08
1/2		1/2	4,528.89	1/2	4,281.78	1/2	4,020.25	1/2	3,753.70	1/2	3,439.92	1/2	3,079.55	1/2	2,719.30	1/2	2,359.06	1/2	1,998.57
3/4		3/4	4,523.89	3/4	4,276.46	3/4	4,014.69	3/4	3,748.15	3/4	3,432.40	3/4	3,072.04	3/4	2,711.80	3/4	2,351.55	3/4	1,991.06

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 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.

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 108"

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	1,983.55	0	1,622.96	0	1,262.29	0	902.20	0	541.91	0	180.91	0		0		0		0	
1/4	1,976.04	1/4	1,615.45	1/4	1,254.77	1/4	894.68	1/4	534.39	1/4	173.39	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,968.52	1/2	1,607.93	1/2	1,247.25	1/2	887.16	1/2	526.87	1/2	165.87	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,961.01	3/4	1,600.42	3/4	1,239.73	3/4	879.64	3/4	519.35	3/4	158.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1,953.50	1	1,592.91	1	1,232.21	1	872.12	1	511.83	1	150.83	1		1		1		1	
1/4	1,945.99	1/4	1,585.40	1/4	1,224.70	1/4	864.60	1/4	504.31	1/4	143.31	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,938.47	1/2	1,577.88	1/2	1,217.18	1/2	857.08	1/2	496.79	1/2	135.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,930.96	3/4	1,570.37	3/4	1,209.66	3/4	849.55	3/4	489.27	3/4	128.27	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	1,923.45	2	1,562.86	2	1,202.14	2	842.03	2	481.75	2	120.74	2		2		2		2	
1/4	1,915.94	1/4	1,555.35	1/4	1,194.62	1/4	834.52	1/4	474.23	1/4	113.22	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,908.42	1/2	1,547.83	1/2	1,187.10	1/2	827.01	1/2	466.71	1/2	105.70	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,900.91	3/4	1,540.32	3/4	1,179.58	3/4	819.50	3/4	459.19	3/4	98.18	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	1,893.40	3	1,532.81	3	1,172.06	3	811.99	3	451.66	3	90.66	3		3		3		3	
1/4	1,885.89	1/4	1,525.30	1/4	1,164.55	1/4	804.50	1/4	444.14	1/4	83.14	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,878.38	1/2	1,517.79	1/2	1,157.05	1/2	797.00	1/2	436.62	1/2	75.62	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,870.86	3/4	1,510.27	3/4	1,149.54	3/4	789.50	3/4	429.10	3/4	68.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	1,863.35	4	1,502.76	4	1,142.03	4	782.00	4	421.58	4	60.58	4		4		4		4	
1/4	1,855.84	1/4	1,495.25	1/4	1,134.54	1/4	774.50	1/4	414.06	1/4	53.68	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,848.33	1/2	1,487.74	1/2	1,127.05	1/2	767.00	1/2	406.54	1/2	46.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,840.81	3/4	1,480.22	3/4	1,119.55	3/4	759.51	3/4	399.02	3/4	39.89	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	1,833.30	5	1,472.71	5	1,112.06	5	752.01	5	391.50	5	33.00	5		5		5		5	
1/4	1,825.79	1/4	1,465.20	1/4	1,104.57	1/4	744.51	1/4	383.98	1/4	27.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,818.28	1/2	1,457.69	1/2	1,097.07	1/2	737.01	1/2	376.46	1/2	22.97	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,810.76	3/4	1,450.17	3/4	1,089.58	3/4	729.51	3/4	368.93	3/4	17.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	1,803.25	6	1,442.66	6	1,082.09	6	722.01	6	361.41	6	12.95	6		6		6		6	
1/4	1,795.74	1/4	1,435.15	1/4	1,074.60	1/4	714.51	1/4	353.89	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,788.23	1/2	1,427.64	1/2	1,067.10	1/2	707.02	1/2	346.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,780.72	3/4	1,420.13	3/4	1,059.61	3/4	699.52	3/4	338.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	1,773.20	7	1,412.61	7	1,052.12	7	692.02	7	331.33	7		7		7		7		7	
1/4	1,765.69	1/4	1,405.10	1/4	1,044.62	1/4	684.52	1/4	322.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,758.18	1/2	1,397.59	1/2	1,037.13	1/2	677.02	1/2	314.32	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,750.67	3/4	1,390.08	3/4	1,029.64	3/4	669.52	3/4	307.78	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	1,743.15	8	1,382.56	8	1,022.15	8	662.02	8	301.25	8		8		8		8		8	
1/4	1,735.64	1/4	1,375.05	1/4	1,014.65	1/4	654.53	1/4	293.73	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,728.13	1/2	1,367.54	1/2	1,007.16	1/2	647.03	1/2	286.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,720.62	3/4	1,360.03	3/4	999.67	3/4	639.53	3/4	278.68	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	1,713.10	9	1,352.51	9	992.17	9	632.03	9	271.16	9		9		9		9		9	
1/4	1,705.59	1/4	1,345.00	1/4	984.68	1/4	624.53	1/4	263.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,698.08	1/2	1,337.48	1/2	977.19	1/2	617.03	1/2	256.12	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,690.57	3/4	1,329.97	3/4	969.70	3/4	609.54	3/4	248.60	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	1,683.06	10	1,322.45	10	962.20	10	602.04	10	241.08	10		10		10		10		10	
1/4	1,675.54	1/4	1,314.93	1/4	954.71	1/4	594.53	1/4	233.56	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,668.03	1/2	1,307.41	1/2	947.22	1/2	587.02	1/2	226.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,660.52	3/4	1,299.89	3/4	939.72	3/4	579.51	3/4	218.52	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	1,653.01	11	1,292.37	11	932.23	11	572.00	11	211.00	11		11		11		11		11	
1/4	1,645.49	1/4	1,284.85	1/4	924.72	1/4	564.48	1/4	203.47	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,637.98	1/2	1,277.33	1/2	917.22	1/2	556.96	1/2	195.95	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,630.47	3/4	1,269.81	3/4	909.71	3/4	549.44	3/4	188.43	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: 04/22/2021 JS
CALCULATED: 04/22/2021 CL
PRINTED: 04/23/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "TMTB 108"

3 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-06 3/4"

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		0		0	4,539.41	0	4,291.02	0	4,028.08	0	3,759.87	0	3,446.30	0	3,084.25	0	2,722.29	0	2,360.37
1/4		1/4		1/4	4,534.38	1/4	4,285.67	1/4	4,022.49	1/4	3,754.28	1/4	3,438.75	1/4	3,076.71	1/4	2,714.75	1/4	2,352.83
1/2		1/2		1/2	4,529.34	1/2	4,280.31	1/2	4,016.90	1/2	3,748.70	1/2	3,431.20	1/2	3,069.17	1/2	2,707.21	1/2	2,345.28
3/4		3/4		3/4	4,524.30	3/4	4,274.95	3/4	4,011.31	3/4	3,743.11	3/4	3,423.65	3/4	3,061.63	3/4	2,699.67	3/4	2,337.74
1		1		1	4,519.24	1	4,269.57	1	4,005.73	1	3,737.52	1	3,416.10	1	3,054.09	1	2,692.13	1	2,330.20
1/4		1/4		1/4	4,514.18	1/4	4,264.19	1/4	4,000.14	1/4	3,731.93	1/4	3,408.55	1/4	3,046.55	1/4	2,684.59	1/4	2,322.65
1/2		1/2		1/2	4,509.12	1/2	4,258.82	1/2	3,994.55	1/2	3,726.35	1/2	3,401.00	1/2	3,039.01	1/2	2,677.05	1/2	2,315.11
3/4		3/4		3/4	4,504.06	3/4	4,253.44	3/4	3,988.96	3/4	3,720.76	3/4	3,393.45	3/4	3,031.47	3/4	2,669.51	3/4	2,307.56
2		2		2	4,498.98	2	4,248.04	2	3,983.38	2	3,715.17	2	3,385.90	2	3,023.92	2	2,661.97	2	2,300.02
1/4		1/4		1/4	4,493.90	1/4	4,242.64	1/4	3,977.79	1/4	3,709.58	1/4	3,378.36	1/4	3,016.38	1/4	2,654.43	1/4	2,292.48
1/2		1/2		1/2	4,488.82	1/2	4,237.24	1/2	3,972.20	1/2	3,704.00	1/2	3,370.81	1/2	3,008.84	1/2	2,646.89	1/2	2,284.93
3/4		3/4		3/4	4,483.74	3/4	4,231.84	3/4	3,966.61	3/4	3,698.41	3/4	3,363.26	3/4	3,001.30	3/4	2,639.35	3/4	2,277.39
3		3		3	4,478.64	3	4,226.42	3	3,961.02	3	3,692.82	3	3,355.72	3	2,993.76	3	2,631.81	3	2,269.84
1/4		1/4		1/4	4,473.54	1/4	4,221.00	1/4	3,955.44	1/4	3,687.23	1/4	3,348.18	1/4	2,986.22	1/4	2,624.27	1/4	2,262.30
1/2		1/2		1/2	4,468.44	1/2	4,215.57	1/2	3,949.85	1/2	3,681.64	1/2	3,340.64	1/2	2,978.68	1/2	2,616.74	1/2	2,254.75
3/4		3/4		3/4	4,463.33	3/4	4,210.15	3/4	3,944.26	3/4	3,676.06	3/4	3,333.10	3/4	2,971.14	3/4	2,609.20	3/4	2,247.21
4		4		4	4,458.21	4	4,204.71	4	3,938.67	4	3,670.47	4	3,325.56	4	2,963.60	4	2,601.66	4	2,239.66
1/4		1/4		1/4	4,453.09	1/4	4,199.27	1/4	3,933.09	1/4	3,664.88	1/4	3,318.02	1/4	2,956.06	1/4	2,594.12	1/4	2,232.11
1/2		1/2		1/2	4,447.97	1/2	4,193.83	1/2	3,927.50	1/2	3,659.29	1/2	3,310.48	1/2	2,948.52	1/2	2,586.58	1/2	2,224.57
3/4		3/4		3/4	4,442.84	3/4	4,188.38	3/4	3,921.91	3/4	3,653.71	3/4	3,302.94	3/4	2,940.97	3/4	2,579.04	3/4	2,217.02
5		5		5	4,437.70	5	4,182.92	5	3,916.32	5	3,648.12	5	3,295.40	5	2,933.43	5	2,571.50	5	2,209.51
1/4		1/4		1/4	4,432.56	1/4	4,177.46	1/4	3,910.74	1/4	3,642.53	1/4	3,287.86	1/4	2,925.89	1/4	2,563.97	1/4	2,202.00
1/2		1/2		1/2	4,427.41	1/2	4,171.99	1/2	3,905.15	1/2	3,636.94	1/2	3,280.31	1/2	2,918.35	1/2	2,556.43	1/2	2,194.49
3/4		3/4		3/4	4,422.27	3/4	4,166.53	3/4	3,899.56	3/4	3,631.36	3/4	3,272.77	3/4	2,910.81	3/4	2,548.89	3/4	2,186.98
6		6		6	4,417.10	6	4,161.05	6	3,893.97	6	3,624.78	6	3,265.23	6	2,903.27	6	2,541.35	6	2,179.51
1/4		1/4		1/4	4,411.94	1/4	4,155.56	1/4	3,888.39	1/4	3,618.21	1/4	3,257.69	1/4	2,895.73	1/4	2,533.81	1/4	2,172.04
1/2		1/2		1/2	4,406.77	1/2	4,150.08	1/2	3,882.80	1/2	3,611.63	1/2	3,250.15	1/2	2,888.19	1/2	2,526.27	1/2	2,164.56
3/4		3/4		3/4	4,401.61	3/4	4,144.59	3/4	3,877.21	3/4	3,605.06	3/4	3,242.61	3/4	2,880.65	3/4	2,518.73	3/4	2,157.09
7		7		7	4,396.42	7	4,139.09	7	3,871.62	7	3,597.50	7	3,235.07	7	2,873.11	7	2,511.19	7	2,149.62
1/4		1/4		1/4	4,391.23	1/4	4,133.58	1/4	3,866.04	1/4	3,589.93	1/4	3,227.53	1/4	2,865.57	1/4	2,503.66	1/4	2,142.15
1/2		1/2		1/2	4,386.05	1/2	4,128.08	1/2	3,860.45	1/2	3,582.37	1/2	3,219.99	1/2	2,858.02	1/2	2,496.12	1/2	2,134.68
3/4		3/4		3/4	4,380.86	3/4	4,122.57	3/4	3,854.86	3/4	3,574.81	3/4	3,212.45	3/4	2,850.48	3/4	2,488.58	3/4	2,127.21
8		8		8	4,375.65	8	4,117.05	8	3,849.27	8	3,567.25	8	3,204.91	8	2,842.94	8	2,481.04	8	2,119.74
1/4		1/4		1/4	4,370.45	1/4	4,111.52	1/4	3,843.69	1/4	3,559.69	1/4	3,197.36	1/4	2,835.40	1/4	2,473.50	1/4	2,112.27
1/2		1/2		1/2	4,365.24	1/2	4,105.99	1/2	3,838.10	1/2	3,552.13	1/2	3,189.82	1/2	2,827.86	1/2	2,465.96	1/2	2,104.80
3/4		3/4		3/4	4,360.03	3/4	4,100.46	3/4	3,832.51	3/4	3,544.56	3/4	3,182.28	3/4	2,820.32	3/4	2,458.42	3/4	2,097.33
9		9		9	4,354.77	9	4,094.92	9	3,826.92	9	3,537.00	9	3,174.74	9	2,812.78	9	2,450.88	9	2,089.86
1/4		1/4		1/4	4,349.51	1/4	4,089.37	1/4	3,821.33	1/4	3,529.44	1/4	3,167.20	1/4	2,805.24	1/4	2,443.34	1/4	2,082.39
1/2		1/2		1/2	4,344.25	1/2	4,083.82	1/2	3,815.75	1/2	3,521.88	1/2	3,159.66	1/2	2,797.70	1/2	2,435.80	1/2	2,074.92
3/4		3/4		3/4	4,338.99	3/4	4,078.27	3/4	3,810.16	3/4	3,514.32	3/4	3,152.12	3/4	2,790.16	3/4	2,428.26	3/4	2,067.45
10		10		10	4,333.67	10	4,072.70	10	3,804.57	10	3,506.76	10	3,144.58	10	2,782.62	10	2,420.72	10	2,059.98
1/4		1/4		1/4	4,328.36	1/4	4,067.13	1/4	3,798.98	1/4	3,499.19	1/4	3,137.04	1/4	2,775.07	1/4	2,413.18	1/4	2,052.51
1/2		1/2		1/2	4,323.04	1/2	4,061.57	1/2	3,793.40	1/2	3,491.63	1/2	3,129.50	1/2	2,767.53	1/2	2,405.63	1/2	2,045.04
3/4		3/4		3/4	4,317.73	3/4	4,056.00	3/4	3,787.81	3/4	3,484.07	3/4	3,121.96	3/4	2,759.99	3/4	2,398.09	3/4	2,037.57
11		11		11	4,312.39	11	4,050.41	11	3,782.22	11	3,476.51	11	3,114.42	11	2,752.45	11	2,390.55	11	2,030.10
1/4		1/4		1/4	4,307.05	1/4	4,044.83	1/4	3,776.63	1/4	3,468.96	1/4	3,106.87	1/4	2,744.91	1/4	2,383.00	1/4	2,022.63
1/2		1/2		1/2	4,301.72	1/2	4,039.25	1/2	3,771.05	1/2	3,461.40	1/2	3,099.33	1/2	2,737.37	1/2	2,375.46	1/2	2,015.16
3/4		3/4		3/4	4,296.38	3/4	4,033.66	3/4	3,765.46	3/4	3,453.85	3/4	3,091.79	3/4	2,729.83	3/4	2,367.92	3/4	2,007.69

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO 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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "TMTB 108"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,000.22	0	1,639.54	0	1,277.23	0	915.74	0	567.01	0	204.54	0		0		0		0	
1/4	1,992.75	1/4	1,631.99	1/4	1,269.68	1/4	908.47	1/4	559.45	1/4	196.99	1/4		1/4		1/4		1/4	
1/2	1,985.28	1/2	1,624.45	1/2	1,262.13	1/2	901.20	1/2	551.90	1/2	189.44	1/2		1/2		1/2		1/2	
3/4	1,977.81	3/4	1,616.90	3/4	1,254.58	3/4	893.93	3/4	544.35	3/4	181.88	3/4		3/4		3/4		3/4	
1	1,970.34	1	1,609.35	1	1,247.03	1	886.66	1	536.80	1	174.33	1		1		1		1	
1/4	1,962.87	1/4	1,601.80	1/4	1,239.48	1/4	879.39	1/4	529.25	1/4	166.78	1/4		1/4		1/4		1/4	
1/2	1,955.40	1/2	1,594.25	1/2	1,231.93	1/2	872.12	1/2	521.70	1/2	159.22	1/2		1/2		1/2		1/2	
3/4	1,947.93	3/4	1,586.71	3/4	1,224.39	3/4	864.85	3/4	514.15	3/4	151.67	3/4		3/4		3/4		3/4	
2	1,940.46	2	1,579.16	2	1,216.84	2	857.58	2	506.59	2	144.11	2		2		2		2	
1/4	1,932.99	1/4	1,571.61	1/4	1,209.29	1/4	850.31	1/4	499.04	1/4	136.55	1/4		1/4		1/4		1/4	
1/2	1,925.52	1/2	1,564.06	1/2	1,201.74	1/2	843.04	1/2	491.49	1/2	128.98	1/2		1/2		1/2		1/2	
3/4	1,918.05	3/4	1,556.51	3/4	1,194.19	3/4	835.77	3/4	483.94	3/4	121.42	3/4		3/4		3/4		3/4	
3	1,910.58	3	1,548.96	3	1,186.64	3	828.51	3	476.39	3	113.86	3		3		3		3	
1/4	1,903.11	1/4	1,541.42	1/4	1,179.10	1/4	821.26	1/4	468.84	1/4	106.30	1/4		1/4		1/4		1/4	
1/2	1,895.64	1/2	1,533.87	1/2	1,171.55	1/2	814.01	1/2	461.29	1/2	98.73	1/2		1/2		1/2		1/2	
3/4	1,888.17	3/4	1,526.32	3/4	1,164.00	3/4	806.75	3/4	453.73	3/4	91.17	3/4		3/4		3/4		3/4	
4	1,880.70	4	1,518.77	4	1,156.45	4	799.52	4	446.18	4	83.61	4		4		4		4	
1/4	1,873.23	1/4	1,511.22	1/4	1,148.90	1/4	792.28	1/4	438.63	1/4	76.04	1/4		1/4		1/4		1/4	
1/2	1,865.76	1/2	1,503.67	1/2	1,141.35	1/2	785.04	1/2	431.08	1/2	68.48	1/2		1/2		1/2		1/2	
3/4	1,858.29	3/4	1,496.13	3/4	1,133.81	3/4	777.81	3/4	423.53	3/4	60.92	3/4		3/4		3/4		3/4	
5	1,850.78	5	1,488.58	5	1,126.26	5	770.57	5	415.98	5	53.98	5		5		5		5	
1/4	1,843.27	1/4	1,481.03	1/4	1,118.71	1/4	763.33	1/4	408.42	1/4	47.05	1/4		1/4		1/4		1/4	
1/2	1,835.76	1/2	1,473.48	1/2	1,111.16	1/2	756.10	1/2	400.87	1/2	40.12	1/2		1/2		1/2		1/2	
3/4	1,828.25	3/4	1,465.93	3/4	1,103.61	3/4	748.86	3/4	393.32	3/4	33.19	3/4		3/4		3/4		3/4	
6	1,820.70	6	1,458.39	6	1,096.06	6	741.63	6	385.77	6	28.14	6		6		6		6	
1/4	1,813.15	1/4	1,450.84	1/4	1,088.52	1/4	734.39	1/4	378.22	1/4	23.10	1/4		1/4		1/4		1/4	
1/2	1,805.60	1/2	1,443.29	1/2	1,080.97	1/2	727.15	1/2	370.67	1/2	18.06	1/2		1/2		1/2		1/2	
3/4	1,798.05	3/4	1,435.74	3/4	1,073.42	3/4	719.92	3/4	363.12	3/4	13.02	3/4		3/4		3/4		3/4	
7	1,790.51	7	1,428.19	7	1,065.87	7	712.68	7	355.56	7		7		7		7		7	
1/4	1,782.96	1/4	1,420.64	1/4	1,058.32	1/4	705.44	1/4	348.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,775.41	1/2	1,413.10	1/2	1,050.77	1/2	698.21	1/2	340.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,767.86	3/4	1,405.55	3/4	1,043.22	3/4	690.97	3/4	332.91	3/4		3/4		3/4		3/4		3/4	
8	1,760.31	8	1,398.00	8	1,035.68	8	683.73	8	325.36	8		8		8		8		8	
1/4	1,752.77	1/4	1,390.45	1/4	1,028.13	1/4	676.50	1/4	317.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,745.22	1/2	1,382.90	1/2	1,020.58	1/2	669.26	1/2	310.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,737.67	3/4	1,375.36	3/4	1,013.03	3/4	662.03	3/4	302.70	3/4		3/4		3/4		3/4		3/4	
9	1,730.12	9	1,367.81	9	1,005.48	9	654.79	9	295.15	9		9		9		9		9	
1/4	1,722.57	1/4	1,360.26	1/4	997.93	1/4	647.55	1/4	287.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,715.02	1/2	1,352.71	1/2	990.39	1/2	640.32	1/2	280.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,707.48	3/4	1,345.16	3/4	982.84	3/4	633.08	3/4	272.50	3/4		3/4		3/4		3/4		3/4	
10	1,699.93	10	1,337.61	10	975.29	10	625.84	10	264.95	10		10		10		10		10	
1/4	1,692.38	1/4	1,330.06	1/4	967.74	1/4	618.61	1/4	257.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,684.83	1/2	1,322.52	1/2	960.19	1/2	611.37	1/2	249.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,677.28	3/4	1,314.97	3/4	952.64	3/4	604.13	3/4	242.29	3/4		3/4		3/4		3/4		3/4	
11	1,669.74	11	1,307.42	11	945.23	11	596.74	11	234.74	11		11		11		11		11	
1/4	1,662.19	1/4	1,299.87	1/4	937.83	1/4	589.35	1/4	227.19	1/4		1/4		1/4		1/4		1/4	
1/2	1,654.64	1/2	1,292.32	1/2	930.42	1/2	581.95	1/2	219.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,647.09	3/4	1,284.77	3/4	923.01	3/4	574.56	3/4	212.09	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/22/2021 JS
CALCULATED: 04/22/2021 CL
PRINTED: 04/23/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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