



BARGE "TMTB 113"

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	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(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 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

January 22, 2021

PRECISION MEASUREMENT
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BARGE "TMTB 113"

1 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 16'-04 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	17.57	0	297.56	0	632.76	0	973.78	0	1,315.89	0	1,658.78	0	2,001.66	0	2,344.54	0	2,687.42	0	3,030.28
1/4	20.49	1/4	304.16	1/4	639.90	1/4	980.86	1/4	1,323.04	1/4	1,665.92	1/4	2,008.80	1/4	2,351.69	1/4	2,694.57	1/4	3,037.42
1/2	23.41	1/2	310.76	1/2	647.04	1/2	987.94	1/2	1,330.18	1/2	1,673.06	1/2	2,015.95	1/2	2,358.83	1/2	2,701.71	1/2	3,044.56
3/4	26.33	3/4	317.36	3/4	654.19	3/4	995.03	3/4	1,337.32	3/4	1,680.21	3/4	2,023.09	3/4	2,365.97	3/4	2,708.85	3/4	3,051.71
1	31.12	1	324.05	1	661.33	1	1,002.11	1	1,344.47	1	1,687.35	1	2,030.23	1	2,373.12	1	2,716.00	1	3,058.85
1/4	35.91	1/4	330.73	1/4	668.47	1/4	1,009.19	1/4	1,351.61	1/4	1,694.49	1/4	2,037.38	1/4	2,380.26	1/4	2,723.14	1/4	3,065.99
1/2	40.70	1/2	337.42	1/2	675.62	1/2	1,016.28	1/2	1,358.75	1/2	1,701.64	1/2	2,044.52	1/2	2,387.40	1/2	2,730.28	1/2	3,073.13
3/4	45.49	3/4	344.10	3/4	682.76	3/4	1,023.36	3/4	1,365.90	3/4	1,708.78	3/4	2,051.66	3/4	2,394.55	3/4	2,737.43	3/4	3,080.27
2	51.22	2	350.87	2	689.90	2	1,030.45	2	1,373.04	2	1,715.92	2	2,058.81	2	2,401.69	2	2,744.57	2	3,087.41
1/4	56.95	1/4	357.64	1/4	697.04	1/4	1,037.54	1/4	1,380.18	1/4	1,723.07	1/4	2,065.95	1/4	2,408.83	1/4	2,751.71	1/4	3,094.55
1/2	62.68	1/2	364.40	1/2	704.19	1/2	1,044.63	1/2	1,387.33	1/2	1,730.21	1/2	2,073.09	1/2	2,415.98	1/2	2,758.86	1/2	3,101.69
3/4	68.41	3/4	371.17	3/4	711.33	3/4	1,051.73	3/4	1,394.47	3/4	1,737.35	3/4	2,080.24	3/4	2,423.12	3/4	2,766.00	3/4	3,108.83
3	74.24	3	378.02	3	718.47	3	1,058.83	3	1,401.61	3	1,744.50	3	2,087.38	3	2,430.26	3	2,773.14	3	3,115.97
1/4	80.08	1/4	384.87	1/4	725.62	1/4	1,065.94	1/4	1,408.76	1/4	1,751.64	1/4	2,094.52	1/4	2,437.41	1/4	2,780.28	1/4	3,123.12
1/2	85.92	1/2	391.72	1/2	732.76	1/2	1,073.05	1/2	1,415.90	1/2	1,758.78	1/2	2,101.67	1/2	2,444.55	1/2	2,787.43	1/2	3,130.26
3/4	91.76	3/4	398.58	3/4	739.90	3/4	1,080.16	3/4	1,423.05	3/4	1,765.93	3/4	2,108.81	3/4	2,451.69	3/4	2,794.57	3/4	3,137.40
4	97.69	4	405.51	4	747.01	4	1,087.31	4	1,430.19	4	1,773.07	4	2,115.95	4	2,458.84	4	2,801.71	4	3,144.54
1/4	103.63	1/4	412.45	1/4	754.12	1/4	1,094.45	1/4	1,437.33	1/4	1,780.21	1/4	2,123.10	1/4	2,465.98	1/4	2,808.86	1/4	3,151.68
1/2	109.56	1/2	419.38	1/2	761.23	1/2	1,101.59	1/2	1,444.48	1/2	1,787.36	1/2	2,130.24	1/2	2,473.12	1/2	2,816.00	1/2	3,158.82
3/4	115.49	3/4	426.31	3/4	768.34	3/4	1,108.74	3/4	1,451.62	3/4	1,794.50	3/4	2,137.38	3/4	2,480.27	3/4	2,823.14	3/4	3,165.96
5	121.50	5	433.33	5	775.43	5	1,115.88	5	1,458.76	5	1,801.65	5	2,144.53	5	2,487.41	5	2,830.29	5	3,173.10
1/4	127.52	1/4	440.34	1/4	782.52	1/4	1,123.02	1/4	1,465.91	1/4	1,808.79	1/4	2,151.67	1/4	2,494.55	1/4	2,837.43	1/4	3,180.24
1/2	133.54	1/2	447.35	1/2	789.62	1/2	1,130.17	1/2	1,473.05	1/2	1,815.93	1/2	2,158.82	1/2	2,501.70	1/2	2,844.57	1/2	3,187.38
3/4	139.55	3/4	454.37	3/4	796.71	3/4	1,137.31	3/4	1,480.19	3/4	1,823.08	3/4	2,165.96	3/4	2,508.84	3/4	2,851.72	3/4	3,194.53
6	145.65	6	461.46	6	803.79	6	1,144.45	6	1,487.34	6	1,830.22	6	2,173.10	6	2,515.99	6	2,858.86	6	3,201.67
1/4	151.75	1/4	468.56	1/4	810.87	1/4	1,151.60	1/4	1,494.48	1/4	1,837.36	1/4	2,180.25	1/4	2,523.13	1/4	2,866.00	1/4	3,208.81
1/2	157.85	1/2	475.66	1/2	817.95	1/2	1,158.74	1/2	1,501.62	1/2	1,844.51	1/2	2,187.39	1/2	2,530.27	1/2	2,873.14	1/2	3,215.95
3/4	163.95	3/4	482.75	3/4	825.04	3/4	1,165.88	3/4	1,508.77	3/4	1,851.65	3/4	2,194.53	3/4	2,537.42	3/4	2,880.29	3/4	3,223.09
7	170.14	7	489.89	7	832.12	7	1,173.03	7	1,515.91	7	1,858.79	7	2,201.68	7	2,544.56	7	2,887.43	7	3,230.23
1/4	176.32	1/4	497.04	1/4	839.20	1/4	1,180.17	1/4	1,523.05	1/4	1,865.94	1/4	2,208.82	1/4	2,551.70	1/4	2,894.57	1/4	3,237.37
1/2	182.50	1/2	504.18	1/2	846.29	1/2	1,187.31	1/2	1,530.20	1/2	1,873.08	1/2	2,215.96	1/2	2,558.85	1/2	2,901.72	1/2	3,244.51
3/4	188.69	3/4	511.32	3/4	853.37	3/4	1,194.46	3/4	1,537.34	3/4	1,880.22	3/4	2,223.11	3/4	2,565.99	3/4	2,908.86	3/4	3,251.65
8	194.95	8	518.47	8	860.45	8	1,201.60	8	1,544.48	8	1,887.37	8	2,230.25	8	2,573.13	8	2,916.00	8	3,258.79
1/4	201.22	1/4	525.61	1/4	867.53	1/4	1,208.74	1/4	1,551.63	1/4	1,894.51	1/4	2,237.39	1/4	2,580.28	1/4	2,923.15	1/4	3,265.94
1/2	207.49	1/2	532.75	1/2	874.62	1/2	1,215.89	1/2	1,558.77	1/2	1,901.65	1/2	2,244.54	1/2	2,587.42	1/2	2,930.29	1/2	3,273.08
3/4	213.75	3/4	539.90	3/4	881.70	3/4	1,223.03	3/4	1,565.91	3/4	1,908.80	3/4	2,251.68	3/4	2,594.56	3/4	2,937.43	3/4	3,280.22
9	220.11	9	547.04	9	888.78	9	1,230.17	9	1,573.06	9	1,915.94	9	2,258.82	9	2,601.71	9	2,944.58	9	3,287.36
1/4	226.46	1/4	554.18	1/4	895.87	1/4	1,237.32	1/4	1,580.20	1/4	1,923.08	1/4	2,265.97	1/4	2,608.85	1/4	2,951.72	1/4	3,294.50
1/2	232.81	1/2	561.33	1/2	902.95	1/2	1,244.46	1/2	1,587.34	1/2	1,930.23	1/2	2,273.11	1/2	2,615.99	1/2	2,958.86	1/2	3,301.64
3/4	239.16	3/4	568.47	3/4	910.03	3/4	1,251.60	3/4	1,594.49	3/4	1,937.37	3/4	2,280.25	3/4	2,623.14	3/4	2,966.00	3/4	3,308.78
10	245.59	10	575.61	10	917.11	10	1,258.75	10	1,601.63	10	1,944.51	10	2,287.40	10	2,630.28	10	2,973.15	10	3,315.92
1/4	252.02	1/4	582.75	1/4	924.20	1/4	1,265.89	1/4	1,608.77	1/4	1,951.66	1/4	2,294.54	1/4	2,637.42	1/4	2,980.29	1/4	3,323.06
1/2	258.46	1/2	589.90	1/2	931.28	1/2	1,273.03	1/2	1,615.92	1/2	1,958.80	1/2	2,301.68	1/2	2,644.57	1/2	2,987.43	1/2	3,330.20
3/4	264.89	3/4	597.04	3/4	938.36	3/4	1,280.18	3/4	1,623.06	3/4	1,965.94	3/4	2,308.83	3/4	2,651.71	3/4	2,994.58	3/4	3,337.35
11	271.41	11	604.18	11	945.45	11	1,287.32	11	1,630.20	11	1,973.09	11	2,315.97	11	2,658.85	11	3,001.72	11	3,344.49
1/4	277.93	1/4	611.33	1/4	952.53	1/4	1,294.46	1/4	1,637.35	1/4	1,980.23	1/4	2,323.11	1/4	2,665.99	1/4	3,008.86	1/4	3,351.63
1/2	284.44	1/2	618.47	1/2	959.61	1/2	1,301.61	1/2	1,644.49	1/2	1,987.37	1/2	2,330.26	1/2	2,673.14	1/2	3,016.00	1/2	3,358.77
3/4	290.96	3/4	625.61	3/4	966.70	3/4	1,308.75	3/4	1,651.63	3/4	1,994.52	3/4	2,337.40	3/4	2,680.28	3/4	3,023.14	3/4	3,365.91

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "TMTB 113"

1 PORT

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-04 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	3,373.05	0	3,715.84	0	4,058.71	0	4,400.89	0	4,742.18	0		0		0		0		0	
1/4	3,380.19	1/4	3,722.99	1/4	4,065.85	1/4	4,408.00	1/4	4,749.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,387.33	1/2	3,730.13	1/2	4,072.99	1/2	4,415.11	1/2	4,756.40	1/2		1/2		1/2		1/2		1/2	
3/4	3,394.47	3/4	3,737.27	3/4	4,080.14	3/4	4,422.22	3/4	4,763.51	3/4		3/4		3/4		3/4		3/4	
1	3,401.61	1	3,744.42	1	4,087.28	1	4,429.33	1	4,770.62	1		1		1		1		1	
1/4	3,408.76	1/4	3,751.56	1/4	4,094.42	1/4	4,436.44	1/4	4,777.73	1/4		1/4		1/4		1/4		1/4	
1/2	3,415.90	1/2	3,758.70	1/2	4,101.57	1/2	4,443.55	1/2	4,784.84	1/2		1/2		1/2		1/2		1/2	
3/4	3,423.04	3/4	3,765.85	3/4	4,108.71	3/4	4,450.66	3/4	4,791.95	3/4		3/4		3/4		3/4		3/4	
2	3,430.18	2	3,772.99	2	4,115.85	2	4,457.77	2	4,799.06	2		2		2		2		2	
1/4	3,437.32	1/4	3,780.13	1/4	4,123.00	1/4	4,464.88	1/4	4,806.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,444.46	1/2	3,787.27	1/2	4,130.14	1/2	4,471.99	1/2	4,813.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,451.60	3/4	3,794.42	3/4	4,137.28	3/4	4,479.10	3/4	4,820.39	3/4		3/4		3/4		3/4		3/4	
3	3,458.74	3	3,801.56	3	4,144.42	3	4,486.21	3	4,827.46	3		3		3		3		3	
1/4	3,465.88	1/4	3,808.70	1/4	4,151.57	1/4	4,493.32	1/4	4,834.53	1/4		1/4		1/4		1/4		1/4	
1/2	3,473.02	1/2	3,815.85	1/2	4,158.71	1/2	4,500.43	1/2	4,841.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,480.17	3/4	3,822.99	3/4	4,165.85	3/4	4,507.54	3/4	4,848.66	3/4		3/4		3/4		3/4		3/4	
4	3,487.31	4	3,830.13	4	4,173.00	4	4,514.65	4	4,855.72	4		4		4		4		4	
1/4	3,494.45	1/4	3,837.28	1/4	4,180.14	1/4	4,521.76	1/4	4,862.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,501.59	1/2	3,844.42	1/2	4,187.28	1/2	4,528.87	1/2	4,869.86	1/2		1/2		1/2		1/2		1/2	
3/4	3,508.73	3/4	3,851.56	3/4	4,194.43	3/4	4,535.98	3/4	4,876.92	3/4		3/4		3/4		3/4		3/4	
5	3,515.87	5	3,858.70	5	4,201.57	5	4,543.09	5	4,883.99	5		5		5		5		5	
1/4	3,523.01	1/4	3,865.85	1/4	4,208.71	1/4	4,550.20	1/4	4,891.05	1/4		1/4		1/4		1/4		1/4	
1/2	3,530.15	1/2	3,872.99	1/2	4,215.85	1/2	4,557.31	1/2	4,898.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,537.29	3/4	3,880.13	3/4	4,223.00	3/4	4,564.42	3/4	4,905.18	3/4		3/4		3/4		3/4		3/4	
6	3,544.43	6	3,887.28	6	4,230.14	6	4,571.53	6	4,912.23	6		6		6		6		6	
1/4	3,551.58	1/4	3,894.42	1/4	4,237.28	1/4	4,578.64	1/4	4,919.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,558.72	1/2	3,901.56	1/2	4,244.43	1/2	4,585.75	1/2	4,926.33	1/2		1/2		1/2		1/2		1/2	
3/4	3,565.86	3/4	3,908.71	3/4	4,251.57	3/4	4,592.86	3/4	4,933.39	3/4		3/4		3/4		3/4		3/4	
7	3,573.00	7	3,915.85	7	4,258.68	7	4,599.97	7	4,940.38	7		7		7		7		7	
1/4	3,580.14	1/4	3,922.99	1/4	4,265.79	1/4	4,607.08	1/4	4,947.38	1/4		1/4		1/4		1/4		1/4	
1/2	3,587.28	1/2	3,930.13	1/2	4,272.90	1/2	4,614.19	1/2	4,954.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,594.42	3/4	3,937.28	3/4	4,280.01	3/4	4,621.31	3/4	4,961.37	3/4		3/4		3/4		3/4		3/4	
8	3,601.56	8	3,944.42	8	4,287.12	8	4,628.42	8	4,967.54	8		8		8		8		8	
1/4	3,608.70	1/4	3,951.56	1/4	4,294.23	1/4	4,635.53	1/4	4,973.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,615.84	1/2	3,958.71	1/2	4,301.34	1/2	4,642.64	1/2	4,979.89	1/2		1/2		1/2		1/2		1/2	
3/4	3,622.99	3/4	3,965.85	3/4	4,308.45	3/4	4,649.75	3/4	4,986.06	3/4		3/4		3/4		3/4		3/4	
9	3,630.13	9	3,972.99	9	4,315.56	9	4,656.86	9	4,991.04	9		9		9		9		9	
1/4	3,637.27	1/4	3,980.14	1/4	4,322.67	1/4	4,663.97	1/4	4,996.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,644.41	1/2	3,987.28	1/2	4,329.78	1/2	4,671.08	1/2	5,001.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,651.56	3/4	3,994.42	3/4	4,336.89	3/4	4,678.19	3/4	5,005.99	3/4		3/4		3/4		3/4		3/4	
10	3,658.70	10	4,001.56	10	4,344.00	10	4,685.30	10	5,009.78	10		10		10		10		10	
1/4	3,665.84	1/4	4,008.71	1/4	4,351.11	1/4	4,692.41	1/4	5,013.57	1/4		1/4		1/4		1/4		1/4	
1/2	3,672.99	1/2	4,015.85	1/2	4,358.22	1/2	4,699.52	1/2	5,017.36	1/2		1/2		1/2		1/2		1/2	
3/4	3,680.13	3/4	4,022.99	3/4	4,365.33	3/4	4,706.63	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,687.27	11	4,030.14	11	4,372.44	11	4,713.74	11		11		11		11		11		11	
1/4	3,694.42	1/4	4,037.28	1/4	4,379.55	1/4	4,720.85	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,701.56	1/2	4,044.42	1/2	4,386.67	1/2	4,727.96	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,708.70	3/4	4,051.57	3/4	4,393.78	3/4	4,735.07	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2021 JS
CALCULATED: 01/23/2021 CL
PRINTED: 02/11/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "TMTB 113"

1 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-05 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	17.52	0	296.72	0	631.06	0	972.80	0	1,314.70	0	1,656.67	0	1,998.65	0	2,340.62	0	2,682.58	0	3,024.51
1/4	20.44	1/4	303.31	1/4	638.18	1/4	979.91	1/4	1,321.83	1/4	1,663.80	1/4	2,005.77	1/4	2,347.74	1/4	2,689.71	1/4	3,031.63
1/2	23.35	1/2	309.89	1/2	645.31	1/2	987.03	1/2	1,328.95	1/2	1,670.92	1/2	2,012.89	1/2	2,354.87	1/2	2,696.83	1/2	3,038.76
3/4	26.26	3/4	316.47	3/4	652.43	3/4	994.14	3/4	1,336.08	3/4	1,678.05	3/4	2,020.02	3/4	2,361.99	3/4	2,703.95	3/4	3,045.88
1	31.03	1	323.14	1	659.56	1	1,001.26	1	1,343.20	1	1,685.17	1	2,027.14	1	2,369.11	1	2,711.08	1	3,053.00
1/4	35.81	1/4	329.80	1/4	666.68	1/4	1,008.37	1/4	1,350.33	1/4	1,692.30	1/4	2,034.27	1/4	2,376.24	1/4	2,718.20	1/4	3,060.12
1/2	40.58	1/2	336.47	1/2	673.80	1/2	1,015.49	1/2	1,357.45	1/2	1,699.42	1/2	2,041.39	1/2	2,383.36	1/2	2,725.32	1/2	3,067.24
3/4	45.36	3/4	343.14	3/4	680.93	3/4	1,022.61	3/4	1,364.57	3/4	1,706.55	3/4	2,048.52	3/4	2,390.49	3/4	2,732.45	3/4	3,074.37
2	51.07	2	349.89	2	688.05	2	1,029.73	2	1,371.70	2	1,713.67	2	2,055.64	2	2,397.61	2	2,739.57	2	3,081.49
1/4	56.78	1/4	356.63	1/4	695.18	1/4	1,036.85	1/4	1,378.82	1/4	1,720.79	1/4	2,062.77	1/4	2,404.74	1/4	2,746.70	1/4	3,088.61
1/2	62.50	1/2	363.38	1/2	702.30	1/2	1,043.98	1/2	1,385.95	1/2	1,727.92	1/2	2,069.89	1/2	2,411.86	1/2	2,753.82	1/2	3,095.73
3/4	68.21	3/4	370.13	3/4	709.42	3/4	1,051.10	3/4	1,393.07	3/4	1,735.04	3/4	2,077.01	3/4	2,418.99	3/4	2,760.94	3/4	3,102.85
3	74.03	3	376.97	3	716.55	3	1,058.23	3	1,400.20	3	1,742.17	3	2,084.14	3	2,426.11	3	2,768.07	3	3,109.98
1/4	79.85	1/4	383.80	1/4	723.67	1/4	1,065.35	1/4	1,407.32	1/4	1,749.29	1/4	2,091.26	1/4	2,433.23	1/4	2,775.19	1/4	3,117.10
1/2	85.68	1/2	390.63	1/2	730.80	1/2	1,072.47	1/2	1,414.45	1/2	1,756.42	1/2	2,098.39	1/2	2,440.36	1/2	2,782.31	1/2	3,124.22
3/4	91.50	3/4	397.46	3/4	737.92	3/4	1,079.60	3/4	1,421.57	3/4	1,763.54	3/4	2,105.51	3/4	2,447.48	3/4	2,789.44	3/4	3,131.34
4	97.41	4	404.38	4	745.04	4	1,086.72	4	1,428.69	4	1,770.67	4	2,112.64	4	2,454.61	4	2,796.56	4	3,138.46
1/4	103.33	1/4	411.29	1/4	752.17	1/4	1,093.85	1/4	1,435.82	1/4	1,777.79	1/4	2,119.76	1/4	2,461.73	1/4	2,803.68	1/4	3,145.59
1/2	109.24	1/2	418.21	1/2	759.29	1/2	1,100.97	1/2	1,442.94	1/2	1,784.91	1/2	2,126.89	1/2	2,468.86	1/2	2,810.81	1/2	3,152.71
3/4	115.16	3/4	425.13	3/4	766.42	3/4	1,108.10	3/4	1,450.07	3/4	1,792.04	3/4	2,134.01	3/4	2,475.98	3/4	2,817.93	3/4	3,159.83
5	121.16	5	432.13	5	773.54	5	1,115.22	5	1,457.19	5	1,799.16	5	2,141.13	5	2,483.11	5	2,825.06	5	3,166.95
1/4	127.16	1/4	439.12	1/4	780.66	1/4	1,122.34	1/4	1,464.32	1/4	1,806.29	1/4	2,148.26	1/4	2,490.23	1/4	2,832.18	1/4	3,174.07
1/2	133.16	1/2	446.12	1/2	787.79	1/2	1,129.47	1/2	1,471.44	1/2	1,813.41	1/2	2,155.38	1/2	2,497.35	1/2	2,839.30	1/2	3,181.20
3/4	139.16	3/4	453.12	3/4	794.91	3/4	1,136.59	3/4	1,478.56	3/4	1,820.54	3/4	2,162.51	3/4	2,504.48	3/4	2,846.43	3/4	3,188.32
6	145.24	6	460.21	6	802.03	6	1,143.72	6	1,485.69	6	1,827.66	6	2,169.63	6	2,511.60	6	2,853.55	6	3,195.44
1/4	151.32	1/4	467.29	1/4	809.14	1/4	1,150.84	1/4	1,492.81	1/4	1,834.78	1/4	2,176.76	1/4	2,518.73	1/4	2,860.67	1/4	3,202.56
1/2	157.40	1/2	474.37	1/2	816.26	1/2	1,157.97	1/2	1,499.94	1/2	1,841.91	1/2	2,183.88	1/2	2,525.85	1/2	2,867.80	1/2	3,209.68
3/4	163.49	3/4	481.45	3/4	823.37	3/4	1,165.09	3/4	1,507.06	3/4	1,849.03	3/4	2,191.00	3/4	2,532.98	3/4	2,874.92	3/4	3,216.81
7	169.65	7	488.58	7	830.49	7	1,172.22	7	1,514.19	7	1,856.16	7	2,198.13	7	2,540.10	7	2,882.05	7	3,223.93
1/4	175.82	1/4	495.70	1/4	837.60	1/4	1,179.34	1/4	1,521.31	1/4	1,863.28	1/4	2,205.25	1/4	2,547.22	1/4	2,889.17	1/4	3,231.05
1/2	181.99	1/2	502.83	1/2	844.72	1/2	1,186.46	1/2	1,528.44	1/2	1,870.41	1/2	2,212.38	1/2	2,554.35	1/2	2,896.29	1/2	3,238.17
3/4	188.15	3/4	509.95	3/4	851.83	3/4	1,193.59	3/4	1,535.56	3/4	1,877.53	3/4	2,219.50	3/4	2,561.47	3/4	2,903.42	3/4	3,245.29
8	194.40	8	517.07	8	858.95	8	1,200.71	8	1,542.68	8	1,884.66	8	2,226.63	8	2,568.60	8	2,910.54	8	3,252.42
1/4	200.65	1/4	524.20	1/4	866.07	1/4	1,207.84	1/4	1,549.81	1/4	1,891.78	1/4	2,233.75	1/4	2,575.72	1/4	2,917.66	1/4	3,259.54
1/2	206.90	1/2	531.32	1/2	873.18	1/2	1,214.96	1/2	1,556.93	1/2	1,898.90	1/2	2,240.88	1/2	2,582.85	1/2	2,924.79	1/2	3,266.66
3/4	213.15	3/4	538.45	3/4	880.30	3/4	1,222.09	3/4	1,564.06	3/4	1,906.03	3/4	2,248.00	3/4	2,589.97	3/4	2,931.91	3/4	3,273.78
9	219.48	9	545.57	9	887.41	9	1,229.21	9	1,571.18	9	1,913.15	9	2,255.12	9	2,597.10	9	2,939.04	9	3,280.90
1/4	225.81	1/4	552.69	1/4	894.53	1/4	1,236.34	1/4	1,578.31	1/4	1,920.28	1/4	2,262.25	1/4	2,604.22	1/4	2,946.16	1/4	3,288.03
1/2	232.15	1/2	559.82	1/2	901.64	1/2	1,243.46	1/2	1,585.43	1/2	1,927.40	1/2	2,269.37	1/2	2,611.34	1/2	2,953.28	1/2	3,295.15
3/4	238.48	3/4	566.94	3/4	908.76	3/4	1,250.58	3/4	1,592.56	3/4	1,934.53	3/4	2,276.50	3/4	2,618.47	3/4	2,960.41	3/4	3,302.27
10	244.90	10	574.07	10	915.87	10	1,257.71	10	1,599.68	10	1,941.65	10	2,283.62	10	2,625.59	10	2,967.53	10	3,309.39
1/4	251.31	1/4	581.19	1/4	922.99	1/4	1,264.83	1/4	1,606.80	1/4	1,948.78	1/4	2,290.75	1/4	2,632.72	1/4	2,974.65	1/4	3,316.51
1/2	257.73	1/2	588.31	1/2	930.10	1/2	1,271.96	1/2	1,613.93	1/2	1,955.90	1/2	2,297.87	1/2	2,639.84	1/2	2,981.78	1/2	3,323.64
3/4	264.14	3/4	595.44	3/4	937.22	3/4	1,279.08	3/4	1,621.05	3/4	1,963.02	3/4	2,305.00	3/4	2,646.96	3/4	2,988.90	3/4	3,330.76
11	270.64	11	602.56	11	944.34	11	1,286.21	11	1,628.18	11	1,970.15	11	2,312.12	11	2,654.09	11	2,996.02	11	3,337.88
1/4	277.14	1/4	609.69	1/4	951.45	1/4	1,293.33	1/4	1,635.30	1/4	1,977.27	1/4	2,319.24	1/4	2,661.21	1/4	3,003.15	1/4	3,345.00
1/2	283.64	1/2	616.81	1/2	958.57	1/2	1,300.45	1/2	1,642.43	1/2	1,984.40	1/2	2,326.37	1/2	2,668.33	1/2	3,010.27	1/2	3,352.12
3/4	290.14	3/4	623.94	3/4	965.68	3/4	1,307.58	3/4	1,649.55	3/4	1,991.52	3/4	2,333.49	3/4	2,675.46	3/4	3,017.39	3/4	3,359.25

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-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 113"

1 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-05 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,366.37	0	3,708.25	0	4,050.19	0	4,391.45	0	4,731.84	0		0		0		0		0	
1/4	3,373.49	1/4	3,715.37	1/4	4,057.31	1/4	4,398.54	1/4	4,738.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,380.61	1/2	3,722.49	1/2	4,064.44	1/2	4,405.63	1/2	4,746.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,387.73	3/4	3,729.62	3/4	4,071.56	3/4	4,412.73	3/4	4,753.11	3/4		3/4		3/4		3/4		3/4	
1	3,394.86	1	3,736.74	1	4,078.68	1	4,419.82	1	4,760.20	1		1		1		1		1	
1/4	3,401.98	1/4	3,743.87	1/4	4,085.81	1/4	4,426.91	1/4	4,767.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,409.10	1/2	3,750.99	1/2	4,092.93	1/2	4,434.00	1/2	4,774.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,416.22	3/4	3,758.11	3/4	4,100.06	3/4	4,441.09	3/4	4,781.48	3/4		3/4		3/4		3/4		3/4	
2	3,423.34	2	3,765.24	2	4,107.18	2	4,448.18	2	4,788.57	2		2		2		2		2	
1/4	3,430.47	1/4	3,772.36	1/4	4,114.30	1/4	4,455.27	1/4	4,795.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,437.59	1/2	3,779.48	1/2	4,121.43	1/2	4,462.36	1/2	4,802.75	1/2		1/2		1/2		1/2		1/2	
3/4	3,444.71	3/4	3,786.61	3/4	4,128.55	3/4	4,469.46	3/4	4,809.84	3/4		3/4		3/4		3/4		3/4	
3	3,451.83	3	3,793.73	3	4,135.67	3	4,476.55	3	4,816.89	3		3		3		3		3	
1/4	3,458.95	1/4	3,800.86	1/4	4,142.80	1/4	4,483.64	1/4	4,823.94	1/4		1/4		1/4		1/4		1/4	
1/2	3,466.08	1/2	3,807.98	1/2	4,149.92	1/2	4,490.73	1/2	4,830.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,473.20	3/4	3,815.10	3/4	4,157.05	3/4	4,497.82	3/4	4,838.03	3/4		3/4		3/4		3/4		3/4	
4	3,480.32	4	3,822.23	4	4,164.17	4	4,504.91	4	4,845.08	4		4		4		4		4	
1/4	3,487.44	1/4	3,829.35	1/4	4,171.29	1/4	4,512.00	1/4	4,852.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,494.56	1/2	3,836.47	1/2	4,178.42	1/2	4,519.10	1/2	4,859.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,501.69	3/4	3,843.60	3/4	4,185.54	3/4	4,526.19	3/4	4,866.22	3/4		3/4		3/4		3/4		3/4	
5	3,508.81	5	3,850.72	5	4,192.66	5	4,533.28	5	4,873.26	5		5		5		5		5	
1/4	3,515.93	1/4	3,857.85	1/4	4,199.79	1/4	4,540.37	1/4	4,880.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,523.05	1/2	3,864.97	1/2	4,206.91	1/2	4,547.46	1/2	4,887.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,530.17	3/4	3,872.09	3/4	4,214.04	3/4	4,554.55	3/4	4,894.40	3/4		3/4		3/4		3/4		3/4	
6	3,537.30	6	3,879.22	6	4,221.16	6	4,561.64	6	4,901.43	6		6		6		6		6	
1/4	3,544.42	1/4	3,886.34	1/4	4,228.28	1/4	4,568.74	1/4	4,908.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,551.54	1/2	3,893.47	1/2	4,235.41	1/2	4,575.83	1/2	4,915.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,558.66	3/4	3,900.59	3/4	4,242.53	3/4	4,582.92	3/4	4,922.53	3/4		3/4		3/4		3/4		3/4	
7	3,565.78	7	3,907.71	7	4,249.62	7	4,590.01	7	4,929.50	7		7		7		7		7	
1/4	3,572.91	1/4	3,914.84	1/4	4,256.71	1/4	4,597.10	1/4	4,936.48	1/4		1/4		1/4		1/4		1/4	
1/2	3,580.03	1/2	3,921.96	1/2	4,263.81	1/2	4,604.19	1/2	4,943.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,587.15	3/4	3,929.08	3/4	4,270.90	3/4	4,611.28	3/4	4,950.44	3/4		3/4		3/4		3/4		3/4	
8	3,594.27	8	3,936.21	8	4,277.99	8	4,618.38	8	4,956.59	8		8		8		8		8	
1/4	3,601.39	1/4	3,943.33	1/4	4,285.08	1/4	4,625.47	1/4	4,962.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.52	1/2	3,950.46	1/2	4,292.17	1/2	4,632.56	1/2	4,968.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,615.64	3/4	3,957.58	3/4	4,299.26	3/4	4,639.65	3/4	4,975.06	3/4		3/4		3/4		3/4		3/4	
9	3,622.76	9	3,964.70	9	4,306.35	9	4,646.74	9	4,980.03	9		9		9		9		9	
1/4	3,629.88	1/4	3,971.83	1/4	4,313.45	1/4	4,653.83	1/4	4,985.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,637.01	1/2	3,978.95	1/2	4,320.54	1/2	4,660.92	1/2	4,989.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.13	3/4	3,986.07	3/4	4,327.63	3/4	4,668.02	3/4	4,994.94	3/4		3/4		3/4		3/4		3/4	
10	3,651.26	10	3,993.20	10	4,334.72	10	4,675.11	10	4,998.72	10		10		10		10		10	
1/4	3,658.38	1/4	4,000.32	1/4	4,341.81	1/4	4,682.20	1/4	5,002.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.50	1/2	4,007.45	1/2	4,348.90	1/2	4,689.29	1/2	5,006.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.63	3/4	4,014.57	3/4	4,355.99	3/4	4,696.38	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,679.75	11	4,021.69	11	4,363.09	11	4,703.47	11		11		11		11		11		11	
1/4	3,686.88	1/4	4,028.82	1/4	4,370.18	1/4	4,710.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,694.00	1/2	4,035.94	1/2	4,377.27	1/2	4,717.66	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,701.12	3/4	4,043.07	3/4	4,384.36	3/4	4,724.75	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2021 JS
CALCULATED: 01/23/2021 CL
PRINTED: 02/11/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "TMTB 113"

2 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 16'-04 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	19.17	0	351.14	0	694.94	0	1,028.72	0	1,368.05	0	1,711.87	0	2,055.69	0	2,399.51	0	2,743.33	0	3,087.14
1/4	23.64	1/4	358.30	1/4	702.10	1/4	1,035.58	1/4	1,375.22	1/4	1,719.04	1/4	2,062.85	1/4	2,406.67	1/4	2,750.49	1/4	3,094.30
1/2	28.12	1/2	365.46	1/2	709.27	1/2	1,042.43	1/2	1,382.38	1/2	1,726.20	1/2	2,070.02	1/2	2,413.84	1/2	2,757.66	1/2	3,101.46
3/4	32.60	3/4	372.62	3/4	716.43	3/4	1,049.29	3/4	1,389.54	3/4	1,733.36	3/4	2,077.18	3/4	2,421.00	3/4	2,764.82	3/4	3,108.62
1	38.86	1	379.79	1	723.59	1	1,056.14	1	1,396.71	1	1,740.52	1	2,084.34	1	2,428.16	1	2,771.98	1	3,115.78
1/4	45.13	1/4	386.95	1/4	730.75	1/4	1,063.00	1/4	1,403.87	1/4	1,747.69	1/4	2,091.51	1/4	2,435.33	1/4	2,779.14	1/4	3,122.94
1/2	51.39	1/2	394.11	1/2	737.92	1/2	1,069.85	1/2	1,411.03	1/2	1,754.85	1/2	2,098.67	1/2	2,442.49	1/2	2,786.31	1/2	3,130.10
3/4	57.66	3/4	401.27	3/4	745.08	3/4	1,076.71	3/4	1,418.19	3/4	1,762.01	3/4	2,105.83	3/4	2,449.65	3/4	2,793.47	3/4	3,137.27
2	64.79	2	408.44	2	752.24	2	1,083.57	2	1,425.36	2	1,769.18	2	2,113.00	2	2,456.81	2	2,800.63	2	3,144.43
1/4	71.91	1/4	415.60	1/4	759.40	1/4	1,090.43	1/4	1,432.52	1/4	1,776.34	1/4	2,120.16	1/4	2,463.98	1/4	2,807.80	1/4	3,151.59
1/2	79.04	1/2	422.76	1/2	766.57	1/2	1,097.29	1/2	1,439.68	1/2	1,783.50	1/2	2,127.32	1/2	2,471.14	1/2	2,814.96	1/2	3,158.75
3/4	86.17	3/4	429.92	3/4	773.73	3/4	1,104.16	3/4	1,446.85	3/4	1,790.66	3/4	2,134.48	3/4	2,478.30	3/4	2,822.12	3/4	3,165.91
3	93.32	3	437.09	3	780.89	3	1,111.04	3	1,454.01	3	1,797.83	3	2,141.65	3	2,485.47	3	2,829.28	3	3,173.07
1/4	100.47	1/4	444.25	1/4	788.05	1/4	1,117.92	1/4	1,461.17	1/4	1,804.99	1/4	2,148.81	1/4	2,492.63	1/4	2,836.45	1/4	3,180.23
1/2	107.62	1/2	451.41	1/2	795.22	1/2	1,124.80	1/2	1,468.33	1/2	1,812.15	1/2	2,155.97	1/2	2,499.79	1/2	2,843.61	1/2	3,187.39
3/4	114.77	3/4	458.57	3/4	802.38	3/4	1,131.68	3/4	1,475.50	3/4	1,819.32	3/4	2,163.14	3/4	2,506.95	3/4	2,850.77	3/4	3,194.55
4	121.94	4	465.74	4	809.26	4	1,138.84	4	1,482.66	4	1,826.48	4	2,170.30	4	2,514.12	4	2,857.94	4	3,201.71
1/4	129.10	1/4	472.90	1/4	816.14	1/4	1,146.00	1/4	1,489.82	1/4	1,833.64	1/4	2,177.46	1/4	2,521.28	1/4	2,865.10	1/4	3,208.87
1/2	136.26	1/2	480.06	1/2	823.02	1/2	1,153.17	1/2	1,496.99	1/2	1,840.80	1/2	2,184.62	1/2	2,528.44	1/2	2,872.26	1/2	3,216.04
3/4	143.42	3/4	487.22	3/4	829.90	3/4	1,160.33	3/4	1,504.15	3/4	1,847.97	3/4	2,191.79	3/4	2,535.61	3/4	2,879.43	3/4	3,223.20
5	150.58	5	494.39	5	836.77	5	1,167.49	5	1,511.31	5	1,855.13	5	2,198.95	5	2,542.77	5	2,886.59	5	3,230.36
1/4	157.74	1/4	501.55	1/4	843.63	1/4	1,174.66	1/4	1,518.47	1/4	1,862.29	1/4	2,206.11	1/4	2,549.93	1/4	2,893.75	1/4	3,237.52
1/2	164.91	1/2	508.71	1/2	850.49	1/2	1,181.82	1/2	1,525.64	1/2	1,869.46	1/2	2,213.28	1/2	2,557.09	1/2	2,900.91	1/2	3,244.68
3/4	172.07	3/4	515.87	3/4	857.35	3/4	1,188.98	3/4	1,532.80	3/4	1,876.62	3/4	2,220.44	3/4	2,564.26	3/4	2,908.08	3/4	3,251.84
6	179.23	6	523.04	6	864.21	6	1,196.14	6	1,539.96	6	1,883.78	6	2,227.60	6	2,571.42	6	2,915.24	6	3,259.00
1/4	186.40	1/4	530.20	1/4	871.06	1/4	1,203.31	1/4	1,547.13	1/4	1,890.95	1/4	2,234.76	1/4	2,578.58	1/4	2,922.40	1/4	3,266.16
1/2	193.56	1/2	537.36	1/2	877.92	1/2	1,210.47	1/2	1,554.29	1/2	1,898.11	1/2	2,241.93	1/2	2,585.75	1/2	2,929.57	1/2	3,273.32
3/4	200.72	3/4	544.53	3/4	884.77	3/4	1,217.63	3/4	1,561.45	3/4	1,905.27	3/4	2,249.09	3/4	2,592.91	3/4	2,936.73	3/4	3,280.48
7	207.88	7	551.69	7	891.63	7	1,224.80	7	1,568.61	7	1,912.43	7	2,256.25	7	2,600.07	7	2,943.89	7	3,287.64
1/4	215.05	1/4	558.85	1/4	898.48	1/4	1,231.96	1/4	1,575.78	1/4	1,919.60	1/4	2,263.42	1/4	2,607.24	1/4	2,951.05	1/4	3,294.81
1/2	222.21	1/2	566.01	1/2	905.34	1/2	1,239.12	1/2	1,582.94	1/2	1,926.76	1/2	2,270.58	1/2	2,614.40	1/2	2,958.22	1/2	3,301.97
3/4	229.37	3/4	573.18	3/4	912.19	3/4	1,246.28	3/4	1,590.10	3/4	1,933.92	3/4	2,277.74	3/4	2,621.56	3/4	2,965.38	3/4	3,309.13
8	236.53	8	580.34	8	919.05	8	1,253.45	8	1,597.27	8	1,941.09	8	2,284.90	8	2,628.72	8	2,972.54	8	3,316.29
1/4	243.70	1/4	587.50	1/4	925.90	1/4	1,260.61	1/4	1,604.43	1/4	1,948.25	1/4	2,292.07	1/4	2,635.89	1/4	2,979.71	1/4	3,323.45
1/2	250.86	1/2	594.66	1/2	932.75	1/2	1,267.77	1/2	1,611.59	1/2	1,955.41	1/2	2,299.23	1/2	2,643.05	1/2	2,986.87	1/2	3,330.61
3/4	258.02	3/4	601.83	3/4	939.61	3/4	1,274.94	3/4	1,618.75	3/4	1,962.57	3/4	2,306.39	3/4	2,650.21	3/4	2,994.03	3/4	3,337.77
9	265.18	9	608.99	9	946.46	9	1,282.10	9	1,625.92	9	1,969.74	9	2,313.56	9	2,657.38	9	3,001.19	9	3,344.93
1/4	272.35	1/4	616.15	1/4	953.32	1/4	1,289.26	1/4	1,633.08	1/4	1,976.90	1/4	2,320.72	1/4	2,664.54	1/4	3,008.36	1/4	3,352.09
1/2	279.51	1/2	623.31	1/2	960.17	1/2	1,296.42	1/2	1,640.24	1/2	1,984.06	1/2	2,327.88	1/2	2,671.70	1/2	3,015.52	1/2	3,359.25
3/4	286.67	3/4	630.48	3/4	967.03	3/4	1,303.59	3/4	1,647.41	3/4	1,991.23	3/4	2,335.04	3/4	2,678.86	3/4	3,022.68	3/4	3,366.41
10	293.83	10	637.64	10	973.88	10	1,310.75	10	1,654.57	10	1,998.39	10	2,342.21	10	2,686.03	10	3,029.85	10	3,373.58
1/4	301.00	1/4	644.80	1/4	980.74	1/4	1,317.91	1/4	1,661.73	1/4	2,005.55	1/4	2,349.37	1/4	2,693.19	1/4	3,037.01	1/4	3,380.74
1/2	308.16	1/2	651.96	1/2	987.59	1/2	1,325.08	1/2	1,668.90	1/2	2,012.71	1/2	2,356.53	1/2	2,700.35	1/2	3,044.17	1/2	3,387.90
3/4	315.32	3/4	659.13	3/4	994.45	3/4	1,332.24	3/4	1,676.06	3/4	2,019.88	3/4	2,363.70	3/4	2,707.52	3/4	3,051.33	3/4	3,395.06
11	322.48	11	666.29	11	1,001.30	11	1,339.40	11	1,683.22	11	2,027.04	11	2,370.86	11	2,714.68	11	3,058.50	11	3,402.22
1/4	329.65	1/4	673.45	1/4	1,008.16	1/4	1,346.56	1/4	1,690.38	1/4	2,034.20	1/4	2,378.02	1/4	2,721.84	1/4	3,065.66	1/4	3,409.38
1/2	336.81	1/2	680.61	1/2	1,015.01	1/2	1,353.73	1/2	1,697.55	1/2	2,041.37	1/2	2,385.19	1/2	2,729.00	1/2	3,072.82	1/2	3,416.54
3/4	343.97	3/4	687.78	3/4	1,021.87	3/4	1,360.89	3/4	1,704.71	3/4	2,048.53	3/4	2,392.35	3/4	2,736.17	3/4	3,079.98	3/4	3,423.70

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-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 113"

2 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 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	3,430.86	0	3,774.59	0	4,118.31	0	4,461.34	0	4,803.49	0		0		0		0		0	
1/4	3,438.02	1/4	3,781.75	1/4	4,125.47	1/4	4,468.47	1/4	4,810.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,445.18	1/2	3,788.91	1/2	4,132.63	1/2	4,475.60	1/2	4,817.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,452.35	3/4	3,796.07	3/4	4,139.79	3/4	4,482.73	3/4	4,824.87	3/4		3/4		3/4		3/4		3/4	
1	3,459.51	1	3,803.23	1	4,146.95	1	4,489.85	1	4,832.00	1		1		1		1		1	
1/4	3,466.67	1/4	3,810.39	1/4	4,154.11	1/4	4,496.98	1/4	4,839.13	1/4		1/4		1/4		1/4		1/4	
1/2	3,473.83	1/2	3,817.55	1/2	4,161.27	1/2	4,504.11	1/2	4,846.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,480.99	3/4	3,824.71	3/4	4,168.44	3/4	4,511.24	3/4	4,853.38	3/4		3/4		3/4		3/4		3/4	
2	3,488.15	2	3,831.87	2	4,175.60	2	4,518.37	2	4,860.51	2		2		2		2		2	
1/4	3,495.31	1/4	3,839.03	1/4	4,182.76	1/4	4,525.49	1/4	4,867.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,502.47	1/2	3,846.19	1/2	4,189.92	1/2	4,532.62	1/2	4,874.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,509.63	3/4	3,853.36	3/4	4,197.08	3/4	4,539.75	3/4	4,881.89	3/4		3/4		3/4		3/4		3/4	
3	3,516.79	3	3,860.52	3	4,204.24	3	4,546.88	3	4,888.98	3		3		3		3		3	
1/4	3,523.95	1/4	3,867.68	1/4	4,211.40	1/4	4,554.01	1/4	4,896.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,531.12	1/2	3,874.84	1/2	4,218.56	1/2	4,561.13	1/2	4,903.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,538.28	3/4	3,882.00	3/4	4,225.72	3/4	4,568.26	3/4	4,910.23	3/4		3/4		3/4		3/4		3/4	
4	3,545.44	4	3,889.16	4	4,232.88	4	4,575.39	4	4,917.31	4		4		4		4		4	
1/4	3,552.60	1/4	3,896.32	1/4	4,240.04	1/4	4,582.52	1/4	4,924.40	1/4		1/4		1/4		1/4		1/4	
1/2	3,559.76	1/2	3,903.48	1/2	4,247.21	1/2	4,589.65	1/2	4,931.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,566.92	3/4	3,910.64	3/4	4,254.37	3/4	4,596.77	3/4	4,938.56	3/4		3/4		3/4		3/4		3/4	
5	3,574.08	5	3,917.80	5	4,261.53	5	4,603.90	5	4,945.64	5		5		5		5		5	
1/4	3,581.24	1/4	3,924.96	1/4	4,268.69	1/4	4,611.03	1/4	4,952.72	1/4		1/4		1/4		1/4		1/4	
1/2	3,588.40	1/2	3,932.13	1/2	4,275.85	1/2	4,618.16	1/2	4,959.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,595.56	3/4	3,939.29	3/4	4,283.01	3/4	4,625.29	3/4	4,966.88	3/4		3/4		3/4		3/4		3/4	
6	3,602.72	6	3,946.45	6	4,290.17	6	4,632.41	6	4,973.95	6		6		6		6		6	
1/4	3,609.89	1/4	3,953.61	1/4	4,297.33	1/4	4,639.54	1/4	4,981.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,617.05	1/2	3,960.77	1/2	4,304.49	1/2	4,646.67	1/2	4,988.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,624.21	3/4	3,967.93	3/4	4,311.65	3/4	4,653.80	3/4	4,995.16	3/4		3/4		3/4		3/4		3/4	
7	3,631.37	7	3,975.09	7	4,318.78	7	4,660.93	7	5,002.17	7		7		7		7		7	
1/4	3,638.53	1/4	3,982.25	1/4	4,325.91	1/4	4,668.05	1/4	5,009.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,645.69	1/2	3,989.41	1/2	4,333.04	1/2	4,675.18	1/2	5,016.20	1/2		1/2		1/2		1/2		1/2	
3/4	3,652.85	3/4	3,996.57	3/4	4,340.17	3/4	4,682.31	3/4	5,023.22	3/4		3/4		3/4		3/4		3/4	
8	3,660.01	8	4,003.73	8	4,347.29	8	4,689.44	8	5,029.40	8		8		8		8		8	
1/4	3,667.17	1/4	4,010.90	1/4	4,354.42	1/4	4,696.57	1/4	5,035.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,674.33	1/2	4,018.06	1/2	4,361.55	1/2	4,703.69	1/2	5,041.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,681.49	3/4	4,025.22	3/4	4,368.68	3/4	4,710.82	3/4	5,047.97	3/4		3/4		3/4		3/4		3/4	
9	3,688.65	9	4,032.38	9	4,375.81	9	4,717.95	9	5,052.96	9		9		9		9		9	
1/4	3,695.82	1/4	4,039.54	1/4	4,382.93	1/4	4,725.08	1/4	5,057.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,702.98	1/2	4,046.70	1/2	4,390.06	1/2	4,732.21	1/2	5,062.95	1/2		1/2		1/2		1/2		1/2	
3/4	3,710.14	3/4	4,053.86	3/4	4,397.19	3/4	4,739.33	3/4	5,067.94	3/4		3/4		3/4		3/4		3/4	
10	3,717.30	10	4,061.02	10	4,404.32	10	4,746.46	10	5,071.74	10		10		10		10		10	
1/4	3,724.46	1/4	4,068.18	1/4	4,411.45	1/4	4,753.59	1/4	5,075.54	1/4		1/4		1/4		1/4		1/4	
1/2	3,731.62	1/2	4,075.34	1/2	4,418.57	1/2	4,760.72	1/2	5,079.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,738.78	3/4	4,082.50	3/4	4,425.70	3/4	4,767.85	3/4	=====	3/4		3/4		3/4		3/4		3/4	
11	3,745.94	11	4,089.67	11	4,432.83	11	4,774.97	11		11		11		11		11		11	
1/4	3,753.10	1/4	4,096.83	1/4	4,439.96	1/4	4,782.10	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,760.26	1/2	4,103.99	1/2	4,447.09	1/2	4,789.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,767.42	3/4	4,111.15	3/4	4,454.21	3/4	4,796.36	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2021 JS
CALCULATED: 01/23/2021 CL
PRINTED: 02/11/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "TMTB 113"

2 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-04 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	19.14	0	350.65	0	693.97	0	1,036.93	0	1,380.15	0	1,723.49	0	2,066.83	0	2,410.17	0	2,753.51	0	3,096.84
1/4	23.61	1/4	357.80	1/4	701.12	1/4	1,044.07	1/4	1,387.30	1/4	1,730.64	1/4	2,073.98	1/4	2,417.32	1/4	2,760.66	1/4	3,103.99
1/2	28.08	1/2	364.95	1/2	708.28	1/2	1,051.21	1/2	1,394.46	1/2	1,737.80	1/2	2,081.13	1/2	2,424.47	1/2	2,767.81	1/2	3,111.14
3/4	32.55	3/4	372.10	3/4	715.43	3/4	1,058.35	3/4	1,401.61	3/4	1,744.95	3/4	2,088.29	3/4	2,431.63	3/4	2,774.97	3/4	3,118.29
1	38.81	1	379.26	1	722.58	1	1,065.49	1	1,408.76	1	1,752.10	1	2,095.44	1	2,438.78	1	2,782.12	1	3,125.44
1/4	45.07	1/4	386.41	1/4	729.73	1/4	1,072.63	1/4	1,415.92	1/4	1,759.25	1/4	2,102.59	1/4	2,445.93	1/4	2,789.27	1/4	3,132.59
1/2	51.32	1/2	393.56	1/2	736.89	1/2	1,079.77	1/2	1,423.07	1/2	1,766.41	1/2	2,109.75	1/2	2,453.09	1/2	2,796.42	1/2	3,139.74
3/4	57.58	3/4	400.71	3/4	744.04	3/4	1,086.91	3/4	1,430.22	3/4	1,773.56	3/4	2,116.90	3/4	2,460.24	3/4	2,803.58	3/4	3,146.89
2	64.70	2	407.87	2	751.19	2	1,094.05	2	1,437.37	2	1,780.71	2	2,124.05	2	2,467.39	2	2,810.73	2	3,154.04
1/4	71.81	1/4	415.02	1/4	758.34	1/4	1,101.20	1/4	1,444.53	1/4	1,787.87	1/4	2,131.21	1/4	2,474.54	1/4	2,817.88	1/4	3,161.19
1/2	78.93	1/2	422.17	1/2	765.50	1/2	1,108.35	1/2	1,451.68	1/2	1,795.02	1/2	2,138.36	1/2	2,481.70	1/2	2,825.04	1/2	3,168.35
3/4	86.05	3/4	429.32	3/4	772.65	3/4	1,115.49	3/4	1,458.83	3/4	1,802.17	3/4	2,145.51	3/4	2,488.85	3/4	2,832.19	3/4	3,175.50
3	93.19	3	436.48	3	779.80	3	1,122.65	3	1,465.99	3	1,809.32	3	2,152.66	3	2,496.00	3	2,839.34	3	3,182.65
1/4	100.33	1/4	443.63	1/4	786.95	1/4	1,129.80	1/4	1,473.14	1/4	1,816.48	1/4	2,159.82	1/4	2,503.16	1/4	2,846.50	1/4	3,189.80
1/2	107.47	1/2	450.78	1/2	794.11	1/2	1,136.95	1/2	1,480.29	1/2	1,823.63	1/2	2,166.97	1/2	2,510.31	1/2	2,853.65	1/2	3,196.95
3/4	114.62	3/4	457.94	3/4	801.26	3/4	1,144.11	3/4	1,487.44	3/4	1,830.78	3/4	2,174.12	3/4	2,517.46	3/4	2,860.80	3/4	3,204.10
4	121.77	4	465.09	4	808.41	4	1,151.26	4	1,494.60	4	1,837.94	4	2,181.28	4	2,524.61	4	2,867.95	4	3,211.25
1/4	128.92	1/4	472.24	1/4	815.57	1/4	1,158.41	1/4	1,501.75	1/4	1,845.09	1/4	2,188.43	1/4	2,531.77	1/4	2,875.11	1/4	3,218.40
1/2	136.07	1/2	479.39	1/2	822.72	1/2	1,165.56	1/2	1,508.90	1/2	1,852.24	1/2	2,195.58	1/2	2,538.92	1/2	2,882.26	1/2	3,225.55
3/4	143.22	3/4	486.55	3/4	829.87	3/4	1,172.72	3/4	1,516.06	3/4	1,859.40	3/4	2,202.73	3/4	2,546.07	3/4	2,889.41	3/4	3,232.70
5	150.37	5	493.70	5	837.02	5	1,179.87	5	1,523.21	5	1,866.55	5	2,209.89	5	2,553.23	5	2,896.57	5	3,239.85
1/4	157.53	1/4	500.85	1/4	844.17	1/4	1,187.02	1/4	1,530.36	1/4	1,873.70	1/4	2,217.04	1/4	2,560.38	1/4	2,903.72	1/4	3,247.01
1/2	164.68	1/2	508.00	1/2	851.32	1/2	1,194.18	1/2	1,537.51	1/2	1,880.85	1/2	2,224.19	1/2	2,567.53	1/2	2,910.87	1/2	3,254.16
3/4	171.83	3/4	515.16	3/4	858.46	3/4	1,201.33	3/4	1,544.67	3/4	1,888.01	3/4	2,231.35	3/4	2,574.69	3/4	2,918.02	3/4	3,261.31
6	178.98	6	522.31	6	865.60	6	1,208.48	6	1,551.82	6	1,895.16	6	2,238.50	6	2,581.84	6	2,925.18	6	3,268.46
1/4	186.14	1/4	529.46	1/4	872.74	1/4	1,215.63	1/4	1,558.97	1/4	1,902.31	1/4	2,245.65	1/4	2,588.99	1/4	2,932.33	1/4	3,275.61
1/2	193.29	1/2	536.61	1/2	879.88	1/2	1,222.79	1/2	1,566.13	1/2	1,909.47	1/2	2,252.80	1/2	2,596.14	1/2	2,939.48	1/2	3,282.76
3/4	200.44	3/4	543.77	3/4	887.02	3/4	1,229.94	3/4	1,573.28	3/4	1,916.62	3/4	2,259.96	3/4	2,603.30	3/4	2,946.64	3/4	3,289.91
7	207.59	7	550.92	7	894.16	7	1,237.09	7	1,580.43	7	1,923.77	7	2,267.11	7	2,610.45	7	2,953.79	7	3,297.06
1/4	214.75	1/4	558.07	1/4	901.30	1/4	1,244.25	1/4	1,587.58	1/4	1,930.92	1/4	2,274.26	1/4	2,617.60	1/4	2,960.94	1/4	3,304.21
1/2	221.90	1/2	565.22	1/2	908.43	1/2	1,251.40	1/2	1,594.74	1/2	1,938.08	1/2	2,281.42	1/2	2,624.76	1/2	2,968.09	1/2	3,311.36
3/4	229.05	3/4	572.38	3/4	915.57	3/4	1,258.55	3/4	1,601.89	3/4	1,945.23	3/4	2,288.57	3/4	2,631.91	3/4	2,975.25	3/4	3,318.51
8	236.20	8	579.53	8	922.71	8	1,265.70	8	1,609.04	8	1,952.38	8	2,295.72	8	2,639.06	8	2,982.40	8	3,325.67
1/4	243.36	1/4	586.68	1/4	929.85	1/4	1,272.86	1/4	1,616.20	1/4	1,959.54	1/4	2,302.87	1/4	2,646.21	1/4	2,989.55	1/4	3,332.82
1/2	250.51	1/2	593.83	1/2	936.99	1/2	1,280.01	1/2	1,623.35	1/2	1,966.69	1/2	2,310.03	1/2	2,653.37	1/2	2,996.71	1/2	3,339.97
3/4	257.66	3/4	600.99	3/4	944.13	3/4	1,287.16	3/4	1,630.50	3/4	1,973.84	3/4	2,317.18	3/4	2,660.52	3/4	3,003.86	3/4	3,347.12
9	264.81	9	608.14	9	951.27	9	1,294.32	9	1,637.66	9	1,980.99	9	2,324.33	9	2,667.67	9	3,011.01	9	3,354.27
1/4	271.97	1/4	615.29	1/4	958.41	1/4	1,301.47	1/4	1,644.81	1/4	1,988.15	1/4	2,331.49	1/4	2,674.83	1/4	3,018.16	1/4	3,361.42
1/2	279.12	1/2	622.44	1/2	965.54	1/2	1,308.62	1/2	1,651.96	1/2	1,995.30	1/2	2,338.64	1/2	2,681.98	1/2	3,025.32	1/2	3,368.57
3/4	286.27	3/4	629.60	3/4	972.68	3/4	1,315.77	3/4	1,659.11	3/4	2,002.45	3/4	2,345.79	3/4	2,689.13	3/4	3,032.47	3/4	3,375.72
10	293.43	10	636.75	10	979.82	10	1,322.93	10	1,666.27	10	2,009.61	10	2,352.95	10	2,696.28	10	3,039.62	10	3,382.87
1/4	300.58	1/4	643.90	1/4	986.96	1/4	1,330.08	1/4	1,673.42	1/4	2,016.76	1/4	2,360.10	1/4	2,703.44	1/4	3,046.78	1/4	3,390.02
1/2	307.73	1/2	651.06	1/2	994.10	1/2	1,337.23	1/2	1,680.57	1/2	2,023.91	1/2	2,367.25	1/2	2,710.59	1/2	3,053.93	1/2	3,397.17
3/4	314.88	3/4	658.21	3/4	1,001.24	3/4	1,344.39	3/4	1,687.73	3/4	2,031.06	3/4	2,374.40	3/4	2,717.74	3/4	3,061.08	3/4	3,404.33
11	322.04	11	665.36	11	1,008.38	11	1,351.54	11	1,694.88	11	2,038.22	11	2,381.56	11	2,724.90	11	3,068.23	11	3,411.48
1/4	329.19	1/4	672.51	1/4	1,015.52	1/4	1,358.69	1/4	1,702.03	1/4	2,045.37	1/4	2,388.71	1/4	2,732.05	1/4	3,075.38	1/4	3,418.63
1/2	336.34	1/2	679.67	1/2	1,022.66	1/2	1,365.84	1/2	1,709.18	1/2	2,052.52	1/2	2,395.86	1/2	2,739.20	1/2	3,082.53	1/2	3,425.78
3/4	343.49	3/4	686.82	3/4	1,029.79	3/4	1,373.00	3/4	1,716.34	3/4	2,059.68	3/4	2,403.02	3/4	2,746.35	3/4	3,089.69	3/4	3,432.93

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-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 113"

2 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-04 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	3,440.08	0	3,783.35	0	4,126.69	0	4,469.34	0	4,811.11	0		0		0		0		0	
1/4	3,447.23	1/4	3,790.50	1/4	4,133.84	1/4	4,476.46	1/4	4,818.23	1/4		1/4		1/4		1/4		1/4	
1/2	3,454.38	1/2	3,797.65	1/2	4,140.99	1/2	4,483.58	1/2	4,825.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,461.53	3/4	3,804.81	3/4	4,148.15	3/4	4,490.70	3/4	4,832.47	3/4		3/4		3/4		3/4		3/4	
1	3,468.68	1	3,811.96	1	4,155.30	1	4,497.82	1	4,839.59	1		1		1		1		1	
1/4	3,475.83	1/4	3,819.11	1/4	4,162.45	1/4	4,504.94	1/4	4,846.71	1/4		1/4		1/4		1/4		1/4	
1/2	3,482.99	1/2	3,826.27	1/2	4,169.61	1/2	4,512.06	1/2	4,853.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,490.14	3/4	3,833.42	3/4	4,176.76	3/4	4,519.18	3/4	4,860.95	3/4		3/4		3/4		3/4		3/4	
2	3,497.29	2	3,840.57	2	4,183.91	2	4,526.30	2	4,868.07	2		2		2		2		2	
1/4	3,504.44	1/4	3,847.73	1/4	4,191.06	1/4	4,533.42	1/4	4,875.19	1/4		1/4		1/4		1/4		1/4	
1/2	3,511.59	1/2	3,854.88	1/2	4,198.22	1/2	4,540.54	1/2	4,882.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,518.74	3/4	3,862.03	3/4	4,205.37	3/4	4,547.66	3/4	4,889.43	3/4		3/4		3/4		3/4		3/4	
3	3,525.89	3	3,869.18	3	4,212.52	3	4,554.78	3	4,896.51	3		3		3		3		3	
1/4	3,533.04	1/4	3,876.34	1/4	4,219.68	1/4	4,561.90	1/4	4,903.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,540.19	1/2	3,883.49	1/2	4,226.83	1/2	4,569.02	1/2	4,910.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,547.34	3/4	3,890.64	3/4	4,233.98	3/4	4,576.14	3/4	4,917.73	3/4		3/4		3/4		3/4		3/4	
4	3,554.49	4	3,897.80	4	4,241.13	4	4,583.26	4	4,924.81	4		4		4		4		4	
1/4	3,561.65	1/4	3,904.95	1/4	4,248.29	1/4	4,590.38	1/4	4,931.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,568.80	1/2	3,912.10	1/2	4,255.44	1/2	4,597.50	1/2	4,938.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,575.95	3/4	3,919.25	3/4	4,262.59	3/4	4,604.62	3/4	4,946.04	3/4		3/4		3/4		3/4		3/4	
5	3,583.10	5	3,926.41	5	4,269.75	5	4,611.74	5	4,953.11	5		5		5		5		5	
1/4	3,590.25	1/4	3,933.56	1/4	4,276.90	1/4	4,618.87	1/4	4,960.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,597.40	1/2	3,940.71	1/2	4,284.05	1/2	4,625.99	1/2	4,967.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,604.55	3/4	3,947.87	3/4	4,291.21	3/4	4,633.11	3/4	4,974.33	3/4		3/4		3/4		3/4		3/4	
6	3,611.70	6	3,955.02	6	4,298.36	6	4,640.23	6	4,981.39	6		6		6		6		6	
1/4	3,618.85	1/4	3,962.17	1/4	4,305.51	1/4	4,647.35	1/4	4,988.45	1/4		1/4		1/4		1/4		1/4	
1/2	3,626.00	1/2	3,969.32	1/2	4,312.66	1/2	4,654.47	1/2	4,995.51	1/2		1/2		1/2		1/2		1/2	
3/4	3,633.15	3/4	3,976.48	3/4	4,319.82	3/4	4,661.59	3/4	5,002.57	3/4		3/4		3/4		3/4		3/4	
7	3,640.31	7	3,983.63	7	4,326.94	7	4,668.71	7	5,009.58	7		7		7		7		7	
1/4	3,647.46	1/4	3,990.78	1/4	4,334.06	1/4	4,675.83	1/4	5,016.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,654.61	1/2	3,997.94	1/2	4,341.18	1/2	4,682.95	1/2	5,023.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,661.76	3/4	4,005.09	3/4	4,348.30	3/4	4,690.07	3/4	5,030.60	3/4		3/4		3/4		3/4		3/4	
8	3,668.91	8	4,012.24	8	4,355.42	8	4,697.19	8	5,036.78	8		8		8		8		8	
1/4	3,676.06	1/4	4,019.39	1/4	4,362.54	1/4	4,704.31	1/4	5,042.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,683.21	1/2	4,026.55	1/2	4,369.66	1/2	4,711.43	1/2	5,049.14	1/2		1/2		1/2		1/2		1/2	
3/4	3,690.36	3/4	4,033.70	3/4	4,376.78	3/4	4,718.55	3/4	5,055.32	3/4		3/4		3/4		3/4		3/4	
9	3,697.51	9	4,040.85	9	4,383.90	9	4,725.67	9	5,060.31	9		9		9		9		9	
1/4	3,704.67	1/4	4,048.01	1/4	4,391.02	1/4	4,732.79	1/4	5,065.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,711.82	1/2	4,055.16	1/2	4,398.14	1/2	4,739.91	1/2	5,070.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,718.97	3/4	4,062.31	3/4	4,405.26	3/4	4,747.03	3/4	5,075.28	3/4		3/4		3/4		3/4		3/4	
10	3,726.13	10	4,069.47	10	4,412.38	10	4,754.15	10	5,079.08	10		10		10		10		10	
1/4	3,733.28	1/4	4,076.62	1/4	4,419.50	1/4	4,761.27	1/4	5,082.87	1/4		1/4		1/4		1/4		1/4	
1/2	3,740.43	1/2	4,083.77	1/2	4,426.62	1/2	4,768.39	1/2	5,086.67	1/2		1/2		1/2		1/2		1/2	
3/4	3,747.58	3/4	4,090.92	3/4	4,433.74	3/4	4,775.51	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,754.74	11	4,098.08	11	4,440.86	11	4,782.63	11		11		11		11		11		11	
1/4	3,761.89	1/4	4,105.23	1/4	4,447.98	1/4	4,789.75	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,769.04	1/2	4,112.38	1/2	4,455.10	1/2	4,796.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,776.20	3/4	4,119.54	3/4	4,462.22	3/4	4,803.99	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2021 JS
CALCULATED: 01/23/2021 CL
PRINTED: 02/11/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "TMTB 113"

3 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 16'-04 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	19.09	0	349.73	0	691.65	0	1,023.61	0	1,361.12	0	1,702.94	0	2,044.75	0	2,386.56	0	2,728.34	0	3,070.29
1/4	23.55	1/4	356.87	1/4	698.77	1/4	1,030.42	1/4	1,368.24	1/4	1,710.06	1/4	2,051.87	1/4	2,393.68	1/4	2,735.46	1/4	3,077.40
1/2	28.01	1/2	364.00	1/2	705.89	1/2	1,037.23	1/2	1,375.36	1/2	1,717.18	1/2	2,058.99	1/2	2,400.80	1/2	2,742.58	1/2	3,084.52
3/4	32.47	3/4	371.14	3/4	713.02	3/4	1,044.04	3/4	1,382.49	3/4	1,724.30	3/4	2,066.11	3/4	2,407.92	3/4	2,749.70	3/4	3,091.63
1	38.71	1	378.26	1	720.14	1	1,050.85	1	1,389.61	1	1,731.42	1	2,073.23	1	2,415.05	1	2,756.82	1	3,098.75
1/4	44.95	1/4	385.38	1/4	727.26	1/4	1,057.67	1/4	1,396.73	1/4	1,738.54	1/4	2,080.35	1/4	2,422.17	1/4	2,763.94	1/4	3,105.87
1/2	51.19	1/2	392.50	1/2	734.38	1/2	1,064.48	1/2	1,403.85	1/2	1,745.66	1/2	2,087.47	1/2	2,429.29	1/2	2,771.07	1/2	3,112.98
3/4	57.43	3/4	399.63	3/4	741.51	3/4	1,071.29	3/4	1,410.97	3/4	1,752.78	3/4	2,094.60	3/4	2,436.41	3/4	2,778.19	3/4	3,120.10
2	64.53	2	406.75	2	748.63	2	1,078.11	2	1,418.09	2	1,759.90	2	2,101.72	2	2,443.53	2	2,785.31	2	3,127.20
1/4	71.63	1/4	413.87	1/4	755.75	1/4	1,084.93	1/4	1,425.21	1/4	1,767.03	1/4	2,108.84	1/4	2,450.65	1/4	2,792.43	1/4	3,134.30
1/2	78.73	1/2	420.99	1/2	762.87	1/2	1,091.75	1/2	1,432.33	1/2	1,774.15	1/2	2,115.96	1/2	2,457.77	1/2	2,799.55	1/2	3,141.40
3/4	85.82	3/4	428.12	3/4	770.00	3/4	1,098.57	3/4	1,439.45	3/4	1,781.27	3/4	2,123.08	3/4	2,464.89	3/4	2,806.67	3/4	3,148.49
3	92.95	3	435.24	3	777.12	3	1,105.46	3	1,446.58	3	1,788.39	3	2,130.20	3	2,472.01	3	2,813.79	3	3,155.59
1/4	100.07	1/4	442.36	1/4	784.24	1/4	1,112.35	1/4	1,453.70	1/4	1,795.51	1/4	2,137.32	1/4	2,479.14	1/4	2,820.91	1/4	3,162.69
1/2	107.19	1/2	449.48	1/2	791.36	1/2	1,119.24	1/2	1,460.82	1/2	1,802.63	1/2	2,144.44	1/2	2,486.26	1/2	2,828.03	1/2	3,169.79
3/4	114.32	3/4	456.61	3/4	798.49	3/4	1,126.13	3/4	1,467.94	3/4	1,809.75	3/4	2,151.56	3/4	2,493.38	3/4	2,835.15	3/4	3,176.89
4	121.45	4	463.73	4	805.38	4	1,133.25	4	1,475.06	4	1,816.87	4	2,158.69	4	2,500.50	4	2,842.27	4	3,183.99
1/4	128.58	1/4	470.85	1/4	812.27	1/4	1,140.37	1/4	1,482.18	1/4	1,823.99	1/4	2,165.81	1/4	2,507.62	1/4	2,849.39	1/4	3,191.09
1/2	135.72	1/2	477.97	1/2	819.16	1/2	1,147.49	1/2	1,489.30	1/2	1,831.12	1/2	2,172.93	1/2	2,514.74	1/2	2,856.51	1/2	3,198.19
3/4	142.85	3/4	485.10	3/4	826.04	3/4	1,154.61	3/4	1,496.42	3/4	1,838.24	3/4	2,180.05	3/4	2,521.86	3/4	2,863.63	3/4	3,205.28
5	149.98	5	492.22	5	832.86	5	1,161.73	5	1,503.54	5	1,845.36	5	2,187.17	5	2,528.98	5	2,870.75	5	3,212.38
1/4	157.12	1/4	499.34	1/4	839.68	1/4	1,168.85	1/4	1,510.67	1/4	1,852.48	1/4	2,194.29	1/4	2,536.10	1/4	2,877.87	1/4	3,219.48
1/2	164.25	1/2	506.46	1/2	846.50	1/2	1,175.97	1/2	1,517.79	1/2	1,859.60	1/2	2,201.41	1/2	2,543.22	1/2	2,884.99	1/2	3,226.58
3/4	171.38	3/4	513.59	3/4	853.32	3/4	1,183.09	3/4	1,524.91	3/4	1,866.72	3/4	2,208.53	3/4	2,550.34	3/4	2,892.11	3/4	3,233.68
6	178.52	6	520.71	6	860.13	6	1,190.22	6	1,532.03	6	1,873.84	6	2,215.65	6	2,557.46	6	2,899.23	6	3,240.78
1/4	185.65	1/4	527.83	1/4	866.95	1/4	1,197.34	1/4	1,539.15	1/4	1,880.96	1/4	2,222.78	1/4	2,564.58	1/4	2,906.35	1/4	3,247.88
1/2	192.79	1/2	534.95	1/2	873.76	1/2	1,204.46	1/2	1,546.27	1/2	1,888.08	1/2	2,229.90	1/2	2,571.70	1/2	2,913.47	1/2	3,254.98
3/4	199.92	3/4	542.08	3/4	880.57	3/4	1,211.58	3/4	1,553.39	3/4	1,895.20	3/4	2,237.02	3/4	2,578.82	3/4	2,920.59	3/4	3,262.07
7	207.05	7	549.20	7	887.38	7	1,218.70	7	1,560.51	7	1,902.33	7	2,244.14	7	2,585.94	7	2,927.72	7	3,269.18
1/4	214.19	1/4	556.32	1/4	894.19	1/4	1,225.82	1/4	1,567.63	1/4	1,909.45	1/4	2,251.26	1/4	2,593.06	1/4	2,934.85	1/4	3,276.28
1/2	221.32	1/2	563.44	1/2	901.00	1/2	1,232.94	1/2	1,574.76	1/2	1,916.57	1/2	2,258.38	1/2	2,600.18	1/2	2,941.99	1/2	3,283.38
3/4	228.46	3/4	570.57	3/4	907.81	3/4	1,240.06	3/4	1,581.88	3/4	1,923.69	3/4	2,265.50	3/4	2,607.30	3/4	2,949.12	3/4	3,290.48
8	235.59	8	577.69	8	914.62	8	1,247.18	8	1,589.00	8	1,930.81	8	2,272.62	8	2,614.42	8	2,956.25	8	3,297.58
1/4	242.72	1/4	584.81	1/4	921.44	1/4	1,254.31	1/4	1,596.12	1/4	1,937.93	1/4	2,279.74	1/4	2,621.54	1/4	2,963.38	1/4	3,304.68
1/2	249.86	1/2	591.93	1/2	928.25	1/2	1,261.43	1/2	1,603.24	1/2	1,945.05	1/2	2,286.87	1/2	2,628.66	1/2	2,970.51	1/2	3,311.78
3/4	256.99	3/4	599.06	3/4	935.06	3/4	1,268.55	3/4	1,610.36	3/4	1,952.17	3/4	2,293.99	3/4	2,635.78	3/4	2,977.65	3/4	3,318.88
9	264.13	9	606.18	9	941.87	9	1,275.67	9	1,617.48	9	1,959.29	9	2,301.11	9	2,642.90	9	2,984.78	9	3,325.98
1/4	271.26	1/4	613.30	1/4	948.68	1/4	1,282.79	1/4	1,624.60	1/4	1,966.42	1/4	2,308.23	1/4	2,650.02	1/4	2,991.91	1/4	3,333.08
1/2	278.39	1/2	620.42	1/2	955.49	1/2	1,289.91	1/2	1,631.72	1/2	1,973.54	1/2	2,315.35	1/2	2,657.14	1/2	2,999.04	1/2	3,340.18
3/4	285.53	3/4	627.55	3/4	962.30	3/4	1,297.03	3/4	1,638.85	3/4	1,980.66	3/4	2,322.47	3/4	2,664.26	3/4	3,006.18	3/4	3,347.28
10	292.66	10	634.67	10	969.12	10	1,304.15	10	1,645.97	10	1,987.78	10	2,329.59	10	2,671.38	10	3,013.31	10	3,351.62
1/4	299.80	1/4	641.79	1/4	975.93	1/4	1,311.27	1/4	1,653.09	1/4	1,994.90	1/4	2,336.71	1/4	2,678.50	1/4	3,020.44	1/4	3,358.96
1/2	306.93	1/2	648.91	1/2	982.74	1/2	1,318.40	1/2	1,660.21	1/2	2,002.02	1/2	2,343.83	1/2	2,685.62	1/2	3,027.57	1/2	3,366.29
3/4	314.06	3/4	656.04	3/4	989.55	3/4	1,325.52	3/4	1,667.33	3/4	2,009.14	3/4	2,350.96	3/4	2,692.74	3/4	3,034.70	3/4	3,373.63
11	321.20	11	663.16	11	996.36	11	1,332.64	11	1,674.45	11	2,016.26	11	2,358.08	11	2,699.86	11	3,041.82	11	3,380.97
1/4	328.33	1/4	670.28	1/4	1,003.17	1/4	1,339.76	1/4	1,681.57	1/4	2,023.38	1/4	2,365.20	1/4	2,706.98	1/4	3,048.94	1/4	3,388.31
1/2	335.47	1/2	677.40	1/2	1,009.99	1/2	1,346.88	1/2	1,688.69	1/2	2,030.51	1/2	2,372.32	1/2	2,714.10	1/2	3,056.05	1/2	3,395.65
3/4	342.60	3/4	684.53	3/4	1,016.80	3/4	1,354.00	3/4	1,695.81	3/4	2,037.63	3/4	2,379.44	3/4	2,721.22	3/4	3,063.17	3/4	3,402.99

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-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 113"

3 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 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	3,386.34	0	3,595.65	0	3,805.52	0	4,014.98	0	4,223.93	0		0		0		0		0	
1/4	3,390.70	1/4	3,600.03	1/4	3,809.89	1/4	4,019.34	1/4	4,228.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,395.05	1/2	3,604.40	1/2	3,814.26	1/2	4,023.69	1/2	4,232.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,399.41	3/4	3,608.77	3/4	3,818.64	3/4	4,028.04	3/4	4,236.99	3/4		3/4		3/4		3/4		3/4	
1	3,403.77	1	3,613.14	1	3,823.01	1	4,032.40	1	4,241.34	1		1		1		1		1	
1/4	3,408.12	1/4	3,617.51	1/4	3,827.38	1/4	4,036.75	1/4	4,245.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,412.48	1/2	3,621.89	1/2	3,831.75	1/2	4,041.10	1/2	4,250.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,416.84	3/4	3,626.26	3/4	3,836.12	3/4	4,045.46	3/4	4,254.40	3/4		3/4		3/4		3/4		3/4	
2	3,421.19	2	3,630.63	2	3,840.50	2	4,049.81	2	4,258.76	2		2		2		2		2	
1/4	3,425.55	1/4	3,635.00	1/4	3,844.87	1/4	4,054.16	1/4	4,263.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,429.90	1/2	3,639.38	1/2	3,849.24	1/2	4,058.51	1/2	4,267.46	1/2		1/2		1/2		1/2		1/2	
3/4	3,434.26	3/4	3,643.75	3/4	3,853.61	3/4	4,062.87	3/4	4,271.82	3/4		3/4		3/4		3/4		3/4	
3	3,438.62	3	3,648.12	3	3,857.99	3	4,067.22	3	4,276.14	3		3		3		3		3	
1/4	3,442.97	1/4	3,652.49	1/4	3,862.36	1/4	4,071.57	1/4	4,280.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,447.33	1/2	3,656.86	1/2	3,866.73	1/2	4,075.93	1/2	4,284.79	1/2		1/2		1/2		1/2		1/2	
3/4	3,451.69	3/4	3,661.24	3/4	3,871.10	3/4	4,080.28	3/4	4,289.12	3/4		3/4		3/4		3/4		3/4	
4	3,456.04	4	3,665.61	4	3,875.47	4	4,084.63	4	4,293.44	4		4		4		4		4	
1/4	3,460.40	1/4	3,669.98	1/4	3,879.85	1/4	4,088.99	1/4	4,297.77	1/4		1/4		1/4		1/4		1/4	
1/2	3,464.76	1/2	3,674.35	1/2	3,884.22	1/2	4,093.34	1/2	4,302.09	1/2		1/2		1/2		1/2		1/2	
3/4	3,469.11	3/4	3,678.73	3/4	3,888.59	3/4	4,097.69	3/4	4,306.42	3/4		3/4		3/4		3/4		3/4	
5	3,473.47	5	3,683.10	5	3,892.96	5	4,102.05	5	4,310.74	5		5		5		5		5	
1/4	3,477.83	1/4	3,687.47	1/4	3,897.34	1/4	4,106.40	1/4	4,315.06	1/4		1/4		1/4		1/4		1/4	
1/2	3,482.18	1/2	3,691.84	1/2	3,901.71	1/2	4,110.75	1/2	4,319.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,486.54	3/4	3,696.21	3/4	3,906.08	3/4	4,115.10	3/4	4,323.71	3/4		3/4		3/4		3/4		3/4	
6	3,490.89	6	3,700.59	6	3,910.45	6	4,119.46	6	4,328.02	6		6		6		6		6	
1/4	3,495.25	1/4	3,704.96	1/4	3,914.82	1/4	4,123.81	1/4	4,332.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,499.61	1/2	3,709.33	1/2	3,919.20	1/2	4,128.16	1/2	4,336.64	1/2		1/2		1/2		1/2		1/2	
3/4	3,503.96	3/4	3,713.70	3/4	3,923.57	3/4	4,132.52	3/4	4,340.95	3/4		3/4		3/4		3/4		3/4	
7	3,508.32	7	3,718.08	7	3,927.92	7	4,136.87	7	4,345.21	7		7		7		7		7	
1/4	3,512.68	1/4	3,722.45	1/4	3,932.27	1/4	4,141.22	1/4	4,349.47	1/4		1/4		1/4		1/4		1/4	
1/2	3,517.03	1/2	3,726.82	1/2	3,936.63	1/2	4,145.58	1/2	4,353.72	1/2		1/2		1/2		1/2		1/2	
3/4	3,521.39	3/4	3,731.19	3/4	3,940.98	3/4	4,149.93	3/4	4,357.98	3/4		3/4		3/4		3/4		3/4	
8	3,525.75	8	3,735.56	8	3,945.33	8	4,154.28	8	4,361.41	8		8		8		8		8	
1/4	3,530.10	1/4	3,739.94	1/4	3,949.69	1/4	4,158.64	1/4	4,364.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,534.46	1/2	3,744.31	1/2	3,954.04	1/2	4,162.99	1/2	4,368.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,538.81	3/4	3,748.68	3/4	3,958.39	3/4	4,167.34	3/4	4,371.71	3/4		3/4		3/4		3/4		3/4	
9	3,543.19	9	3,753.05	9	3,962.75	9	4,171.70	9	4,373.96	9		9		9		9		9	
1/4	3,547.56	1/4	3,757.42	1/4	3,967.10	1/4	4,176.05	1/4	4,376.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,551.93	1/2	3,761.80	1/2	3,971.45	1/2	4,180.40	1/2	4,378.45	1/2		1/2		1/2		1/2		1/2	
3/4	3,556.30	3/4	3,766.17	3/4	3,975.81	3/4	4,184.75	3/4	4,380.69	3/4		3/4		3/4		3/4		3/4	
10	3,560.68	10	3,770.54	10	3,980.16	10	4,189.11	10	4,382.40	10		10		10		10		10	
1/4	3,565.05	1/4	3,774.91	1/4	3,984.51	1/4	4,193.46	1/4	4,384.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,569.42	1/2	3,779.29	1/2	3,988.86	1/2	4,197.81	1/2	4,385.82	1/2		1/2		1/2		1/2		1/2	
3/4	3,573.79	3/4	3,783.66	3/4	3,993.22	3/4	4,202.17	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,578.16	11	3,788.03	11	3,997.57	11	4,206.52	11		11		11		11		11		11	
1/4	3,582.54	1/4	3,792.40	1/4	4,001.92	1/4	4,210.87	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,586.91	1/2	3,796.77	1/2	4,006.28	1/2	4,215.23	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,591.28	3/4	3,801.15	3/4	4,010.63	3/4	4,219.58	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2021 JS
CALCULATED: 01/23/2021 CL
PRINTED: 02/11/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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<http://www.pmacorp.net>



BARGE "TMTB 113"

3 STBD INNAGE TABLE

HERMETIC GAUGE HEIGHT 16'-04"

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	19.14	0	350.55	0	693.78	0	1,036.64	0	1,379.75	0	1,722.99	0	2,066.23	0	2,409.47	0	2,752.42	0	3,094.79
1/4	23.61	1/4	357.70	1/4	700.93	1/4	1,043.77	1/4	1,386.90	1/4	1,730.14	1/4	2,073.38	1/4	2,416.62	1/4	2,759.56	1/4	3,101.92
1/2	28.07	1/2	364.85	1/2	708.08	1/2	1,050.91	1/2	1,394.05	1/2	1,737.29	1/2	2,080.53	1/2	2,423.77	1/2	2,766.69	1/2	3,109.05
3/4	32.54	3/4	372.00	3/4	715.23	3/4	1,058.05	3/4	1,401.21	3/4	1,744.44	3/4	2,087.68	3/4	2,430.92	3/4	2,773.82	3/4	3,116.19
1	38.80	1	379.15	1	722.38	1	1,065.18	1	1,408.36	1	1,751.59	1	2,094.83	1	2,438.07	1	2,780.95	1	3,123.32
1/4	45.05	1/4	386.30	1/4	729.53	1/4	1,072.32	1/4	1,415.51	1/4	1,758.75	1/4	2,101.98	1/4	2,445.22	1/4	2,788.09	1/4	3,130.45
1/2	51.31	1/2	393.45	1/2	736.68	1/2	1,079.46	1/2	1,422.66	1/2	1,765.90	1/2	2,109.13	1/2	2,452.37	1/2	2,795.22	1/2	3,137.58
3/4	57.57	3/4	400.60	3/4	743.83	3/4	1,086.59	3/4	1,429.81	3/4	1,773.05	3/4	2,116.29	3/4	2,459.52	3/4	2,802.35	3/4	3,144.72
2	64.68	2	407.75	2	750.98	2	1,093.74	2	1,436.96	2	1,780.20	2	2,123.44	2	2,466.67	2	2,809.48	2	3,151.83
1/4	71.79	1/4	414.90	1/4	758.13	1/4	1,100.88	1/4	1,444.11	1/4	1,787.35	1/4	2,130.59	1/4	2,473.83	1/4	2,816.62	1/4	3,158.95
1/2	78.91	1/2	422.05	1/2	765.28	1/2	1,108.03	1/2	1,451.26	1/2	1,794.50	1/2	2,137.74	1/2	2,480.98	1/2	2,823.75	1/2	3,166.06
3/4	86.02	3/4	429.20	3/4	772.43	3/4	1,115.17	3/4	1,458.41	3/4	1,801.65	3/4	2,144.89	3/4	2,488.13	3/4	2,830.88	3/4	3,173.18
3	93.16	3	436.35	3	779.58	3	1,122.32	3	1,465.56	3	1,808.80	3	2,152.04	3	2,495.28	3	2,838.01	3	3,180.29
1/4	100.30	1/4	443.51	1/4	786.73	1/4	1,129.48	1/4	1,472.71	1/4	1,815.95	1/4	2,159.19	1/4	2,502.43	1/4	2,845.15	1/4	3,187.41
1/2	107.44	1/2	450.66	1/2	793.88	1/2	1,136.63	1/2	1,479.86	1/2	1,823.10	1/2	2,166.34	1/2	2,509.58	1/2	2,852.28	1/2	3,194.52
3/4	114.58	3/4	457.81	3/4	801.04	3/4	1,143.78	3/4	1,487.02	3/4	1,830.25	3/4	2,173.49	3/4	2,516.73	3/4	2,859.41	3/4	3,201.64
4	121.73	4	464.96	4	808.19	4	1,150.93	4	1,494.17	4	1,837.40	4	2,180.64	4	2,523.88	4	2,866.54	4	3,208.75
1/4	128.88	1/4	472.11	1/4	815.34	1/4	1,158.08	1/4	1,501.32	1/4	1,844.56	1/4	2,187.79	1/4	2,531.04	1/4	2,873.68	1/4	3,215.87
1/2	136.03	1/2	479.26	1/2	822.49	1/2	1,165.23	1/2	1,508.47	1/2	1,851.71	1/2	2,194.94	1/2	2,538.19	1/2	2,880.81	1/2	3,222.98
3/4	143.18	3/4	486.41	3/4	829.64	3/4	1,172.38	3/4	1,515.62	3/4	1,858.86	3/4	2,202.10	3/4	2,545.34	3/4	2,887.94	3/4	3,230.10
5	150.33	5	493.56	5	836.78	5	1,179.53	5	1,522.77	5	1,866.01	5	2,209.25	5	2,552.49	5	2,895.08	5	3,237.21
1/4	157.48	1/4	500.71	1/4	843.93	1/4	1,186.68	1/4	1,529.92	1/4	1,873.16	1/4	2,216.40	1/4	2,559.64	1/4	2,902.21	1/4	3,244.33
1/2	164.63	1/2	507.86	1/2	851.07	1/2	1,193.83	1/2	1,537.07	1/2	1,880.31	1/2	2,223.55	1/2	2,566.80	1/2	2,909.34	1/2	3,251.44
3/4	171.78	3/4	515.01	3/4	858.22	3/4	1,200.98	3/4	1,544.22	3/4	1,887.46	3/4	2,230.70	3/4	2,573.95	3/4	2,916.47	3/4	3,258.56
6	178.93	6	522.16	6	865.36	6	1,208.13	6	1,551.37	6	1,894.61	6	2,237.85	6	2,581.10	6	2,923.61	6	3,265.67
1/4	186.08	1/4	529.31	1/4	872.49	1/4	1,215.28	1/4	1,558.52	1/4	1,901.76	1/4	2,245.00	1/4	2,588.25	1/4	2,930.74	1/4	3,272.79
1/2	193.23	1/2	536.46	1/2	879.63	1/2	1,222.44	1/2	1,565.67	1/2	1,908.91	1/2	2,252.15	1/2	2,595.41	1/2	2,937.87	1/2	3,279.90
3/4	200.38	3/4	543.61	3/4	886.77	3/4	1,229.59	3/4	1,572.82	3/4	1,916.06	3/4	2,259.30	3/4	2,602.56	3/4	2,945.00	3/4	3,287.02
7	207.54	7	550.76	7	893.90	7	1,236.74	7	1,579.98	7	1,923.21	7	2,266.45	7	2,609.71	7	2,952.14	7	3,294.14
1/4	214.69	1/4	557.91	1/4	901.04	1/4	1,243.89	1/4	1,587.13	1/4	1,930.36	1/4	2,273.60	1/4	2,616.86	1/4	2,959.27	1/4	3,301.25
1/2	221.84	1/2	565.07	1/2	908.18	1/2	1,251.04	1/2	1,594.28	1/2	1,937.52	1/2	2,280.75	1/2	2,624.02	1/2	2,966.40	1/2	3,308.37
3/4	228.99	3/4	572.22	3/4	915.31	3/4	1,258.19	3/4	1,601.43	3/4	1,944.67	3/4	2,287.90	3/4	2,631.17	3/4	2,973.53	3/4	3,315.48
8	236.14	8	579.37	8	922.45	8	1,265.34	8	1,608.58	8	1,951.82	8	2,295.06	8	2,638.30	8	2,980.67	8	3,322.60
1/4	243.29	1/4	586.52	1/4	929.59	1/4	1,272.49	1/4	1,615.73	1/4	1,958.97	1/4	2,302.21	1/4	2,645.43	1/4	2,987.80	1/4	3,329.71
1/2	250.44	1/2	593.67	1/2	936.72	1/2	1,279.64	1/2	1,622.88	1/2	1,966.12	1/2	2,309.36	1/2	2,652.57	1/2	2,994.93	1/2	3,336.83
3/4	257.59	3/4	600.82	3/4	943.86	3/4	1,286.79	3/4	1,630.03	3/4	1,973.27	3/4	2,316.51	3/4	2,659.70	3/4	3,002.06	3/4	3,343.94
9	264.74	9	607.97	9	951.00	9	1,293.94	9	1,637.18	9	1,980.42	9	2,323.66	9	2,666.83	9	3,009.20	9	3,351.06
1/4	271.89	1/4	615.12	1/4	958.13	1/4	1,301.09	1/4	1,644.33	1/4	1,987.57	1/4	2,330.81	1/4	2,673.96	1/4	3,016.33	1/4	3,358.17
1/2	279.04	1/2	622.27	1/2	965.27	1/2	1,308.25	1/2	1,651.48	1/2	1,994.72	1/2	2,337.96	1/2	2,681.10	1/2	3,023.46	1/2	3,365.29
3/4	286.19	3/4	629.42	3/4	972.41	3/4	1,315.40	3/4	1,658.63	3/4	2,001.87	3/4	2,345.11	3/4	2,688.23	3/4	3,030.59	3/4	3,372.40
10	293.34	10	636.57	10	979.54	10	1,322.55	10	1,665.79	10	2,009.02	10	2,352.26	10	2,695.36	10	3,037.73	10	3,379.51
1/4	300.49	1/4	643.72	1/4	986.68	1/4	1,329.70	1/4	1,672.94	1/4	2,016.17	1/4	2,359.41	1/4	2,702.49	1/4	3,044.86	1/4	3,386.62
1/2	307.64	1/2	650.87	1/2	993.82	1/2	1,336.85	1/2	1,680.09	1/2	2,023.33	1/2	2,366.56	1/2	2,709.63	1/2	3,051.99	1/2	3,385.45
3/4	314.79	3/4	658.02	3/4	1,000.95	3/4	1,344.00	3/4	1,687.24	3/4	2,030.48	3/4	2,373.71	3/4	2,716.76	3/4	3,059.12	3/4	3,389.80
11	321.95	11	665.17	11	1,008.09	11	1,351.15	11	1,694.39	11	2,037.63	11	2,380.87	11	2,723.89	11	3,066.26	11	3,394.15
1/4	329.10	1/4	672.32	1/4	1,015.23	1/4	1,358.30	1/4	1,701.54	1/4	2,044.78	1/4	2,388.02	1/4	2,731.03	1/4	3,073.39	1/4	3,398.50
1/2	336.25	1/2	679.48	1/2	1,022.36	1/2	1,365.45	1/2	1,708.69	1/2	2,051.93	1/2	2,395.17	1/2	2,738.16	1/2	3,080.52	1/2	3,402.85
3/4	343.40	3/4	686.63	3/4	1,029.50	3/4	1,372.60	3/4	1,715.84	3/4	2,059.08	3/4	2,402.32	3/4	2,745.29	3/4	3,087.66	3/4	3,407.20

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-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 113"

3 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-04"

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	3,411.59	0	3,622.09	0	3,832.59	0	4,042.70	0	4,252.29	0		0		0		0		0	
1/4	3,415.97	1/4	3,626.48	1/4	3,836.98	1/4	4,047.07	1/4	4,256.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,420.36	1/2	3,630.86	1/2	3,841.36	1/2	4,051.43	1/2	4,261.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,424.74	3/4	3,635.25	3/4	3,845.75	3/4	4,055.80	3/4	4,265.39	3/4		3/4		3/4		3/4		3/4	
1	3,429.13	1	3,639.63	1	3,850.14	1	4,060.16	1	4,269.76	1		1		1		1		1	
1/4	3,433.51	1/4	3,644.02	1/4	3,854.52	1/4	4,064.53	1/4	4,274.12	1/4		1/4		1/4		1/4		1/4	
1/2	3,437.90	1/2	3,648.40	1/2	3,858.91	1/2	4,068.90	1/2	4,278.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,442.28	3/4	3,652.79	3/4	3,863.29	3/4	4,073.26	3/4	4,282.86	3/4		3/4		3/4		3/4		3/4	
2	3,446.67	2	3,657.17	2	3,867.68	2	4,077.63	2	4,287.22	2		2		2		2		2	
1/4	3,451.06	1/4	3,661.56	1/4	3,872.06	1/4	4,082.00	1/4	4,291.59	1/4		1/4		1/4		1/4		1/4	
1/2	3,455.44	1/2	3,665.94	1/2	3,876.45	1/2	4,086.36	1/2	4,295.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,459.83	3/4	3,670.33	3/4	3,880.83	3/4	4,090.73	3/4	4,300.32	3/4		3/4		3/4		3/4		3/4	
3	3,464.21	3	3,674.72	3	3,885.22	3	4,095.10	3	4,304.66	3		3		3		3		3	
1/4	3,468.60	1/4	3,679.10	1/4	3,889.61	1/4	4,099.46	1/4	4,309.00	1/4		1/4		1/4		1/4		1/4	
1/2	3,472.98	1/2	3,683.49	1/2	3,893.99	1/2	4,103.83	1/2	4,313.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,477.37	3/4	3,687.87	3/4	3,898.38	3/4	4,108.20	3/4	4,317.67	3/4		3/4		3/4		3/4		3/4	
4	3,481.75	4	3,692.26	4	3,902.76	4	4,112.56	4	4,322.01	4		4		4		4		4	
1/4	3,486.14	1/4	3,696.64	1/4	3,907.15	1/4	4,116.93	1/4	4,326.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,490.52	1/2	3,701.03	1/2	3,911.53	1/2	4,121.30	1/2	4,330.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,494.91	3/4	3,705.41	3/4	3,915.92	3/4	4,125.66	3/4	4,335.03	3/4		3/4		3/4		3/4		3/4	
5	3,499.30	5	3,709.80	5	3,920.30	5	4,130.03	5	4,339.36	5		5		5		5		5	
1/4	3,503.68	1/4	3,714.19	1/4	3,924.69	1/4	4,134.40	1/4	4,343.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,508.07	1/2	3,718.57	1/2	3,929.07	1/2	4,138.76	1/2	4,348.03	1/2		1/2		1/2		1/2		1/2	
3/4	3,512.45	3/4	3,722.96	3/4	3,933.46	3/4	4,143.13	3/4	4,352.37	3/4		3/4		3/4		3/4		3/4	
6	3,516.84	6	3,727.34	6	3,937.85	6	4,147.49	6	4,356.69	6		6		6		6		6	
1/4	3,521.22	1/4	3,731.73	1/4	3,942.23	1/4	4,151.86	1/4	4,361.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,525.61	1/2	3,736.11	1/2	3,946.62	1/2	4,156.23	1/2	4,365.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,529.99	3/4	3,740.50	3/4	3,951.00	3/4	4,160.59	3/4	4,369.67	3/4		3/4		3/4		3/4		3/4	
7	3,534.38	7	3,744.88	7	3,955.37	7	4,164.96	7	4,373.94	7		7		7		7		7	
1/4	3,538.77	1/4	3,749.27	1/4	3,959.74	1/4	4,169.33	1/4	4,378.21	1/4		1/4		1/4		1/4		1/4	
1/2	3,543.15	1/2	3,753.65	1/2	3,964.10	1/2	4,173.69	1/2	4,382.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,547.54	3/4	3,758.04	3/4	3,968.47	3/4	4,178.06	3/4	4,386.74	3/4		3/4		3/4		3/4		3/4	
8	3,551.92	8	3,762.43	8	3,972.83	8	4,182.43	8	4,390.19	8		8		8		8		8	
1/4	3,556.31	1/4	3,766.81	1/4	3,977.20	1/4	4,186.79	1/4	4,393.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,560.69	1/2	3,771.20	1/2	3,981.57	1/2	4,191.16	1/2	4,397.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,565.08	3/4	3,775.58	3/4	3,985.93	3/4	4,195.53	3/4	4,400.53	3/4		3/4		3/4		3/4		3/4	
9	3,569.46	9	3,779.97	9	3,990.30	9	4,199.89	9	4,402.78	9		9		9		9		9	
1/4	3,573.85	1/4	3,784.35	1/4	3,994.67	1/4	4,204.26	1/4	4,405.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,578.23	1/2	3,788.74	1/2	3,999.03	1/2	4,208.63	1/2	4,407.28	1/2		1/2		1/2		1/2		1/2	
3/4	3,582.62	3/4	3,793.12	3/4	4,003.40	3/4	4,212.99	3/4	4,409.54	3/4		3/4		3/4		3/4		3/4	
10	3,587.01	10	3,797.51	10	4,007.77	10	4,217.36	10	4,411.25	10		10		10		10		10	
1/4	3,591.39	1/4	3,801.90	1/4	4,012.13	1/4	4,221.73	1/4	4,412.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,595.78	1/2	3,806.28	1/2	4,016.50	1/2	4,226.09	1/2	4,414.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,600.16	3/4	3,810.67	3/4	4,020.87	3/4	4,230.46	3/4		3/4		3/4		3/4		3/4		3/4	
11	3,604.55	11	3,815.05	11	4,025.23	11	4,234.82	11		11		11		11		11		11	
1/4	3,608.93	1/4	3,819.44	1/4	4,029.60	1/4	4,239.19	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,613.32	1/2	3,823.82	1/2	4,033.97	1/2	4,243.56	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,617.70	3/4	3,828.21	3/4	4,038.33	3/4	4,247.92	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/22/2021 JS
CALCULATED: 01/23/2021 CL
PRINTED: 02/11/2021 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

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