



BARGE "TMTB 113"

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	00-0/8	- 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 ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

January 22, 2021

PRECISION MEASUREMENT
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BARGE "TMTB 113"

1 PORT ULLAGE 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		0		0	4,869.85	0	4,528.87	0	4,187.28	0	3,844.41	0	3,501.58	0	3,158.82	0	2,816.00	0	2,473.12
1/4		1/4		1/4	4,862.79	1/4	4,521.76	1/4	4,180.14	1/4	3,837.27	1/4	3,494.44	1/4	3,151.68	1/4	2,808.85	1/4	2,465.98
1/2		1/2		1/2	4,855.72	1/2	4,514.65	1/2	4,172.99	1/2	3,830.13	1/2	3,487.30	1/2	3,144.53	1/2	2,801.71	1/2	2,458.83
3/4		3/4		3/4	4,848.65	3/4	4,507.54	3/4	4,165.85	3/4	3,822.99	3/4	3,480.16	3/4	3,137.39	3/4	2,794.57	3/4	2,451.69
1		1		1	4,841.59	1	4,500.43	1	4,158.71	1	3,815.84	1	3,473.02	1	3,130.25	1	2,787.42	1	2,444.55
1/4		1/4		1/4	4,834.52	1/4	4,493.32	1/4	4,151.56	1/4	3,808.70	1/4	3,465.88	1/4	3,123.11	1/4	2,780.28	1/4	2,437.40
1/2		1/2		1/2	4,827.46	1/2	4,486.21	1/2	4,144.42	1/2	3,801.56	1/2	3,458.74	1/2	3,115.97	1/2	2,773.14	1/2	2,430.26
3/4		3/4		3/4	4,820.39	3/4	4,479.09	3/4	4,137.28	3/4	3,794.41	3/4	3,451.60	3/4	3,108.83	3/4	2,765.99	3/4	2,423.12
2		2		2	4,813.28	2	4,471.98	2	4,130.13	2	3,787.27	2	3,444.46	2	3,101.69	2	2,758.85	2	2,415.97
1/4		1/4		1/4	4,806.17	1/4	4,464.87	1/4	4,122.99	1/4	3,780.13	1/4	3,437.32	1/4	3,094.55	1/4	2,751.71	1/4	2,408.83
1/2		1/2		1/2	4,799.06	1/2	4,457.76	1/2	4,115.85	1/2	3,772.98	1/2	3,430.17	1/2	3,087.41	1/2	2,744.56	1/2	2,401.69
3/4		3/4		3/4	4,791.95	3/4	4,450.65	3/4	4,108.71	3/4	3,765.84	3/4	3,423.03	3/4	3,080.27	3/4	2,737.42	3/4	2,394.54
3		3		3	4,784.84	3	4,443.54	3	4,101.56	3	3,758.70	3	3,415.89	3	3,073.12	3	2,730.28	3	2,387.40
1/4		1/4		1/4	4,777.73	1/4	4,436.43	1/4	4,094.42	1/4	3,751.56	1/4	3,408.75	1/4	3,065.98	1/4	2,723.14	1/4	2,380.26
1/2		1/2		1/2	4,770.62	1/2	4,429.32	1/2	4,087.28	1/2	3,744.41	1/2	3,401.61	1/2	3,058.84	1/2	2,715.99	1/2	2,373.11
3/4		3/4		3/4	4,763.51	3/4	4,422.21	3/4	4,080.13	3/4	3,737.27	3/4	3,394.47	3/4	3,051.70	3/4	2,708.85	3/4	2,365.97
4		4		4	4,756.40	4	4,415.10	4	4,072.99	4	3,730.13	4	3,387.33	4	3,044.56	4	2,701.71	4	2,358.83
1/4		1/4		1/4	4,749.29	1/4	4,407.99	1/4	4,065.85	1/4	3,722.98	1/4	3,380.19	1/4	3,037.42	1/4	2,694.56	1/4	2,351.68
1/2		1/2		1/2	4,742.18	1/2	4,400.88	1/2	4,058.70	1/2	3,715.84	1/2	3,373.05	1/2	3,030.28	1/2	2,687.42	1/2	2,344.54
3/4		3/4		3/4	4,735.07	3/4	4,393.77	3/4	4,051.56	3/4	3,708.70	3/4	3,365.91	3/4	3,023.14	3/4	2,680.28	3/4	2,337.40
5		5		5	4,727.96	5	4,386.66	5	4,044.42	5	3,701.55	5	3,358.76	5	3,016.00	5	2,673.13	5	2,330.25
1/4		1/4		1/4	4,720.85	1/4	4,379.55	1/4	4,037.28	1/4	3,694.41	1/4	3,351.62	1/4	3,008.86	1/4	2,665.99	1/4	2,323.11
1/2		1/2		1/2	4,713.73	1/2	4,372.44	1/2	4,030.13	1/2	3,687.27	1/2	3,344.48	1/2	3,001.71	1/2	2,658.85	1/2	2,315.97
3/4		3/4		3/4	4,706.62	3/4	4,365.33	3/4	4,022.99	3/4	3,680.13	3/4	3,337.34	3/4	2,994.57	3/4	2,651.70	3/4	2,308.82
6		6	5,017.36	6	4,699.51	6	4,358.22	6	4,015.85	6	3,672.98	6	3,330.20	6	2,987.43	6	2,644.56	6	2,301.68
1/4		1/4	5,013.57	1/4	4,692.40	1/4	4,351.11	1/4	4,008.70	1/4	3,665.84	1/4	3,323.06	1/4	2,980.29	1/4	2,637.42	1/4	2,294.54
1/2		1/2	5,009.78	1/2	4,685.29	1/2	4,344.00	1/2	4,001.56	1/2	3,658.70	1/2	3,315.92	1/2	2,973.14	1/2	2,630.28	1/2	2,287.39
3/4		3/4	5,005.99	3/4	4,678.18	3/4	4,336.89	3/4	3,994.42	3/4	3,651.55	3/4	3,308.78	3/4	2,966.00	3/4	2,623.13	3/4	2,280.25
7		7	5,001.00	7	4,671.07	7	4,329.78	7	3,987.27	7	3,644.41	7	3,301.64	7	2,958.86	7	2,615.99	7	2,273.11
1/4		1/4	4,996.02	1/4	4,663.96	1/4	4,322.67	1/4	3,980.13	1/4	3,637.27	1/4	3,294.50	1/4	2,951.71	1/4	2,608.85	1/4	2,265.96
1/2		1/2	4,991.04	1/2	4,656.85	1/2	4,315.56	1/2	3,972.99	1/2	3,630.12	1/2	3,287.35	1/2	2,944.57	1/2	2,601.70	1/2	2,258.82
3/4		3/4	4,986.06	3/4	4,649.74	3/4	4,308.45	3/4	3,965.85	3/4	3,622.98	3/4	3,280.21	3/4	2,937.43	3/4	2,594.56	3/4	2,251.68
8		8	4,979.89	8	4,642.63	8	4,301.34	8	3,958.70	8	3,615.84	8	3,273.07	8	2,930.29	8	2,587.42	8	2,244.53
1/4		1/4	4,973.71	1/4	4,635.52	1/4	4,294.23	1/4	3,951.56	1/4	3,608.70	1/4	3,265.93	1/4	2,923.14	1/4	2,580.27	1/4	2,237.39
1/2		1/2	4,967.54	1/2	4,628.41	1/2	4,287.12	1/2	3,944.42	1/2	3,601.56	1/2	3,258.79	1/2	2,916.00	1/2	2,573.13	1/2	2,230.25
3/4		3/4	4,961.37	3/4	4,621.30	3/4	4,280.01	3/4	3,937.27	3/4	3,594.42	3/4	3,251.65	3/4	2,908.86	3/4	2,565.98	3/4	2,223.10
9		9	4,954.37	9	4,614.19	9	4,272.90	9	3,930.13	9	3,587.28	9	3,244.51	9	2,901.71	9	2,558.84	9	2,215.96
1/4		1/4	4,947.37	1/4	4,607.08	1/4	4,265.79	1/4	3,922.99	1/4	3,580.14	1/4	3,237.37	1/4	2,894.57	1/4	2,551.70	1/4	2,208.81
1/2		1/2	4,940.38	1/2	4,599.97	1/2	4,258.68	1/2	3,915.84	1/2	3,572.99	1/2	3,230.23	1/2	2,887.43	1/2	2,544.55	1/2	2,201.67
3/4		3/4	4,933.38	3/4	4,592.86	3/4	4,251.57	3/4	3,908.70	3/4	3,565.85	3/4	3,223.09	3/4	2,880.28	3/4	2,537.41	3/4	2,194.53
10		10	4,926.33	10	4,585.75	10	4,244.42	10	3,901.56	10	3,558.71	10	3,215.94	10	2,873.14	10	2,530.27	10	2,187.38
1/4		1/4	4,919.28	1/4	4,578.64	1/4	4,237.28	1/4	3,894.42	1/4	3,551.57	1/4	3,208.80	1/4	2,866.00	1/4	2,523.12	1/4	2,180.24
1/2		1/2	4,912.23	1/2	4,571.53	1/2	4,230.14	1/2	3,887.27	1/2	3,544.43	1/2	3,201.66	1/2	2,858.85	1/2	2,515.98	1/2	2,173.10
3/4		3/4	4,905.18	3/4	4,564.42	3/4	4,222.99	3/4	3,880.13	3/4	3,537.29	3/4	3,194.52	3/4	2,851.71	3/4	2,508.84	3/4	2,165.95
11		11	4,898.11	11	4,557.31	11	4,215.85	11	3,872.99	11	3,530.15	11	3,187.38	11	2,844.57	11	2,501.69	11	2,158.81
1/4		1/4	4,891.05	1/4	4,550.20	1/4	4,208.71	1/4	3,865.84	1/4	3,523.01	1/4	3,180.24	1/4	2,837.43	1/4	2,494.55	1/4	2,151.67
1/2		1/2	4,883.98	1/2	4,543.09	1/2	4,201.56	1/2	3,858.70	1/2	3,515.87	1/2	3,173.10	1/2	2,830.28	1/2	2,487.41	1/2	2,144.52
3/4		3/4	4,876.92	3/4	4,535.98	3/4	4,194.42	3/4	3,851.56	3/4	3,508.73	3/4	3,165.96	3/4	2,823.14	3/4	2,480.26	3/4	2,137.38

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 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

ULLAGE 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	2,130.24	0	1,787.35	0	1,444.47	0	1,101.59	0	761.23	0	419.38	0	109.55	0		0		0	
1/4	2,123.09	1/4	1,780.21	1/4	1,437.33	1/4	1,094.44	1/4	754.12	1/4	412.44	1/4	103.62	1/4		1/4		1/4	
1/2	2,115.95	1/2	1,773.07	1/2	1,430.18	1/2	1,087.30	1/2	747.01	1/2	405.51	1/2	97.69	1/2		1/2		1/2	
3/4	2,108.81	3/4	1,765.92	3/4	1,423.04	3/4	1,080.16	3/4	739.90	3/4	398.57	3/4	91.76	3/4		3/4		3/4	
1	2,101.66	1	1,758.78	1	1,415.90	1	1,073.05	1	732.76	1	391.72	1	85.92	1		1		1	
1/4	2,094.52	1/4	1,751.64	1/4	1,408.75	1/4	1,065.94	1/4	725.61	1/4	384.87	1/4	80.08	1/4		1/4		1/4	
1/2	2,087.38	1/2	1,744.49	1/2	1,401.61	1/2	1,058.83	1/2	718.47	1/2	378.02	1/2	74.24	1/2		1/2		1/2	
3/4	2,080.23	3/4	1,737.35	3/4	1,394.47	3/4	1,051.72	3/4	711.33	3/4	371.17	3/4	68.40	3/4		3/4		3/4	
2	2,073.09	2	1,730.21	2	1,387.32	2	1,044.63	2	704.18	2	364.40	2	62.67	2		2		2	
1/4	2,065.95	1/4	1,723.06	1/4	1,380.18	1/4	1,037.54	1/4	697.04	1/4	357.63	1/4	56.94	1/4		1/4		1/4	
1/2	2,058.80	1/2	1,715.92	1/2	1,373.04	1/2	1,030.45	1/2	689.90	1/2	350.86	1/2	51.21	1/2		1/2		1/2	
3/4	2,051.66	3/4	1,708.78	3/4	1,365.89	3/4	1,023.36	3/4	682.75	3/4	344.10	3/4	45.48	3/4		3/4		3/4	
3	2,044.52	3	1,701.63	3	1,358.75	3	1,016.27	3	675.61	3	337.41	3	40.69	3		3		3	
1/4	2,037.37	1/4	1,694.49	1/4	1,351.61	1/4	1,009.19	1/4	668.47	1/4	330.73	1/4	35.91	1/4		1/4		1/4	
1/2	2,030.23	1/2	1,687.35	1/2	1,344.46	1/2	1,002.11	1/2	661.32	1/2	324.04	1/2	31.12	1/2		1/2		1/2	
3/4	2,023.09	3/4	1,680.20	3/4	1,337.32	3/4	995.02	3/4	654.18	3/4	317.36	3/4	26.33	3/4		3/4		3/4	
4	2,015.94	4	1,673.06	4	1,330.18	4	987.94	4	647.04	4	310.76	4	23.41	4		4		4	
1/4	2,008.80	1/4	1,665.92	1/4	1,323.03	1/4	980.86	1/4	639.90	1/4	304.16	1/4	20.49	1/4		1/4		1/4	
1/2	2,001.66	1/2	1,658.77	1/2	1,315.89	1/2	973.77	1/2	632.75	1/2	297.56	1/2	17.57	1/2		1/2		1/2	
3/4	1,994.51	3/4	1,651.63	3/4	1,308.75	3/4	966.69	3/4	625.61	3/4	290.96	3/4		3/4		3/4		3/4	
5	1,987.37	5	1,644.49	5	1,301.60	5	959.61	5	618.47	5	284.44	5		5		5		5	
1/4	1,980.23	1/4	1,637.34	1/4	1,294.46	1/4	952.53	1/4	611.32	1/4	277.92	1/4		1/4		1/4		1/4	
1/2	1,973.08	1/2	1,630.20	1/2	1,287.32	1/2	945.44	1/2	604.18	1/2	271.40	1/2		1/2		1/2		1/2	
3/4	1,965.94	3/4	1,623.06	3/4	1,280.17	3/4	938.36	3/4	597.04	3/4	264.89	3/4		3/4		3/4		3/4	
6	1,958.80	6	1,615.91	6	1,273.03	6	931.28	6	589.89	6	258.45	6		6		6		6	
1/4	1,951.65	1/4	1,608.77	1/4	1,265.89	1/4	924.19	1/4	582.75	1/4	252.02	1/4		1/4		1/4		1/4	
1/2	1,944.51	1/2	1,601.63	1/2	1,258.74	1/2	917.11	1/2	575.61	1/2	245.59	1/2		1/2		1/2		1/2	
3/4	1,937.37	3/4	1,594.48	3/4	1,251.60	3/4	910.03	3/4	568.46	3/4	239.15	3/4		3/4		3/4		3/4	
7	1,930.22	7	1,587.34	7	1,244.46	7	902.94	7	561.32	7	232.80	7		7		7		7	
1/4	1,923.08	1/4	1,580.20	1/4	1,237.31	1/4	895.86	1/4	554.18	1/4	226.45	1/4		1/4		1/4		1/4	
1/2	1,915.94	1/2	1,573.05	1/2	1,230.17	1/2	888.78	1/2	547.04	1/2	220.10	1/2		1/2		1/2		1/2	
3/4	1,908.79	3/4	1,565.91	3/4	1,223.03	3/4	881.70	3/4	539.89	3/4	213.75	3/4		3/4		3/4		3/4	
8	1,901.65	8	1,558.77	8	1,215.88	8	874.61	8	532.75	8	207.48	8		8		8		8	
1/4	1,894.51	1/4	1,551.62	1/4	1,208.74	1/4	867.53	1/4	525.61	1/4	201.22	1/4		1/4		1/4		1/4	
1/2	1,887.36	1/2	1,544.48	1/2	1,201.60	1/2	860.45	1/2	518.46	1/2	194.95	1/2		1/2		1/2		1/2	
3/4	1,880.22	3/4	1,537.34	3/4	1,194.45	3/4	853.36	3/4	511.32	3/4	188.68	3/4		3/4		3/4		3/4	
9	1,873.08	9	1,530.19	9	1,187.31	9	846.28	9	504.18	9	182.50	9		9		9		9	
1/4	1,865.93	1/4	1,523.05	1/4	1,180.17	1/4	839.20	1/4	497.03	1/4	176.32	1/4		1/4		1/4		1/4	
1/2	1,858.79	1/2	1,515.91	1/2	1,173.02	1/2	832.12	1/2	489.89	1/2	170.13	1/2		1/2		1/2		1/2	
3/4	1,851.64	3/4	1,508.76	3/4	1,165.88	3/4	825.03	3/4	482.75	3/4	163.95	3/4		3/4		3/4		3/4	
10	1,844.50	10	1,501.62	10	1,158.74	10	817.95	10	475.65	10	157.85	10		10		10		10	
1/4	1,837.36	1/4	1,494.47	1/4	1,151.59	1/4	810.87	1/4	468.55	1/4	151.75	1/4		1/4		1/4		1/4	
1/2	1,830.21	1/2	1,487.33	1/2	1,144.45	1/2	803.78	1/2	461.46	1/2	145.65	1/2		1/2		1/2		1/2	
3/4	1,823.07	3/4	1,480.19	3/4	1,137.30	3/4	796.70	3/4	454.36	3/4	139.55	3/4		3/4		3/4		3/4	
11	1,815.93	11	1,473.04	11	1,130.16	11	789.61	11	447.35	11	133.53	11		11		11		11	
1/4	1,808.78	1/4	1,465.90	1/4	1,123.02	1/4	782.52	1/4	440.34	1/4	127.52	1/4		1/4		1/4		1/4	
1/2	1,801.64	1/2	1,458.76	1/2	1,115.87	1/2	775.43	1/2	433.32	1/2	121.50	1/2		1/2		1/2		1/2	
3/4	1,794.50	3/4	1,451.61	3/4	1,108.73	3/4	768.34	3/4	426.31	3/4	115.48	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
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BARGE "TMTB 113"

1 STBD ULLAGE 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		0		0	4,880.31	0	4,540.37	0	4,199.79	0	3,857.85	0	3,515.93	0	3,174.07	0	2,832.18	0	2,490.23
1/4		1/4		1/4	4,873.26	1/4	4,533.28	1/4	4,192.66	1/4	3,850.72	1/4	3,508.81	1/4	3,166.95	1/4	2,825.06	1/4	2,483.10
1/2		1/2		1/2	4,866.22	1/2	4,526.19	1/2	4,185.54	1/2	3,843.60	1/2	3,501.68	1/2	3,159.83	1/2	2,817.93	1/2	2,475.98
3/4		3/4		3/4	4,859.17	3/4	4,519.10	3/4	4,178.42	3/4	3,836.47	3/4	3,494.56	3/4	3,152.71	3/4	2,810.81	3/4	2,468.86
1		1		1	4,852.12	1	4,512.00	1	4,171.29	1	3,829.35	1	3,487.44	1	3,145.58	1	2,803.68	1	2,461.73
1/4		1/4		1/4	4,845.08	1/4	4,504.91	1/4	4,164.17	1/4	3,822.23	1/4	3,480.32	1/4	3,138.46	1/4	2,796.56	1/4	2,454.61
1/2		1/2		1/2	4,838.03	1/2	4,497.82	1/2	4,157.05	1/2	3,815.10	1/2	3,473.20	1/2	3,131.34	1/2	2,789.44	1/2	2,447.48
3/4		3/4		3/4	4,830.98	3/4	4,490.73	3/4	4,149.92	3/4	3,807.98	3/4	3,466.07	3/4	3,124.22	3/4	2,782.31	3/4	2,440.36
2		2		2	4,823.94	2	4,483.64	2	4,142.80	2	3,800.86	2	3,458.95	2	3,117.10	2	2,775.19	2	2,433.23
1/4		1/4		1/4	4,816.89	1/4	4,476.55	1/4	4,135.67	1/4	3,793.73	1/4	3,451.83	1/4	3,109.97	1/4	2,768.07	1/4	2,426.11
1/2		1/2		1/2	4,809.84	1/2	4,469.46	1/2	4,128.55	1/2	3,786.61	1/2	3,444.71	1/2	3,102.85	1/2	2,760.94	1/2	2,418.99
3/4		3/4		3/4	4,802.75	3/4	4,462.36	3/4	4,121.43	3/4	3,779.48	3/4	3,437.59	3/4	3,095.73	3/4	2,753.82	3/4	2,411.86
3		3		3	4,795.66	3	4,455.27	3	4,114.30	3	3,772.36	3	3,430.46	3	3,088.61	3	2,746.70	3	2,404.74
1/4		1/4		1/4	4,788.57	1/4	4,448.18	1/4	4,107.18	1/4	3,765.24	1/4	3,423.34	1/4	3,081.49	1/4	2,739.57	1/4	2,397.61
1/2		1/2		1/2	4,781.48	1/2	4,441.09	1/2	4,100.06	1/2	3,758.11	1/2	3,416.22	1/2	3,074.36	1/2	2,732.45	1/2	2,390.49
3/4		3/4		3/4	4,774.39	3/4	4,434.00	3/4	4,092.93	3/4	3,750.99	3/4	3,409.10	3/4	3,067.24	3/4	2,725.32	3/4	2,383.36
4		4		4	4,767.29	4	4,426.91	4	4,085.81	4	3,743.87	4	3,401.98	4	3,060.12	4	2,718.20	4	2,376.24
1/4		1/4		1/4	4,760.20	1/4	4,419.82	1/4	4,078.68	1/4	3,736.74	1/4	3,394.85	1/4	3,053.00	1/4	2,711.08	1/4	2,369.11
1/2		1/2		1/2	4,753.11	1/2	4,412.72	1/2	4,071.56	1/2	3,729.62	1/2	3,387.73	1/2	3,045.88	1/2	2,703.95	1/2	2,361.99
3/4		3/4		3/4	4,746.02	3/4	4,405.63	3/4	4,064.44	3/4	3,722.49	3/4	3,380.61	3/4	3,038.75	3/4	2,696.83	3/4	2,354.87
5		5		5	4,738.93	5	4,398.54	5	4,057.31	5	3,715.37	5	3,373.49	5	3,031.63	5	2,689.71	5	2,347.74
1/4		1/4		1/4	4,731.84	1/4	4,391.45	1/4	4,050.19	1/4	3,708.25	1/4	3,366.37	1/4	3,024.51	1/4	2,682.58	1/4	2,340.62
1/2		1/2		1/2	4,724.75	1/2	4,384.36	1/2	4,043.06	1/2	3,701.12	1/2	3,359.24	1/2	3,017.39	1/2	2,675.46	1/2	2,333.49
3/4		3/4		3/4	4,717.66	3/4	4,377.27	3/4	4,035.94	3/4	3,694.00	3/4	3,352.12	3/4	3,010.27	3/4	2,668.33	3/4	2,326.37
6		6		6	4,710.56	6	4,370.18	6	4,028.82	6	3,686.87	6	3,345.00	6	3,003.14	6	2,661.21	6	2,319.24
1/4		1/4		1/4	4,703.47	1/4	4,363.09	1/4	4,021.69	1/4	3,679.75	1/4	3,337.88	1/4	2,996.02	1/4	2,654.09	1/4	2,312.12
1/2		1/2		1/2	4,696.38	1/2	4,355.99	1/2	4,014.57	1/2	3,672.63	1/2	3,330.76	1/2	2,988.90	1/2	2,646.96	1/2	2,304.99
3/4		3/4		3/4	5,006.28	3/4	4,689.29	3/4	4,348.90	3/4	4,007.45	3/4	3,665.50	3/4	3,323.63	3/4	2,981.78	3/4	2,297.87
7		7		7	5,002.50	7	4,682.20	7	4,341.81	7	4,000.32	7	3,658.38	7	3,316.51	7	2,974.65	7	2,290.75
1/4		1/4		1/4	4,998.72	1/4	4,675.11	1/4	4,334.72	1/4	3,993.20	1/4	3,651.26	1/4	3,309.39	1/4	2,967.53	1/4	2,283.62
1/2		1/2		1/2	4,994.94	1/2	4,668.02	1/2	4,327.63	1/2	3,986.07	1/2	3,644.13	1/2	3,302.27	1/2	2,960.41	1/2	2,276.50
3/4		3/4		3/4	4,989.97	3/4	4,660.92	3/4	4,320.54	3/4	3,978.95	3/4	3,637.01	3/4	3,295.15	3/4	2,953.28	3/4	2,269.37
8		8		8	4,985.00	8	4,653.83	8	4,313.45	8	3,971.83	8	3,629.88	8	3,288.02	8	2,946.16	8	2,262.25
1/4		1/4		1/4	4,980.03	1/4	4,646.74	1/4	4,306.35	1/4	3,964.70	1/4	3,622.76	1/4	3,280.90	1/4	2,939.04	1/4	2,255.12
1/2		1/2		1/2	4,975.06	1/2	4,639.65	1/2	4,299.26	1/2	3,957.58	1/2	3,615.64	1/2	3,273.78	1/2	2,931.91	1/2	2,248.00
3/4		3/4		3/4	4,968.91	3/4	4,632.56	3/4	4,292.17	3/4	3,950.46	3/4	3,608.51	3/4	3,266.66	3/4	2,924.79	3/4	2,240.88
9		9		9	4,962.75	9	4,625.47	9	4,285.08	9	3,943.33	9	3,601.39	9	3,259.54	9	2,917.66	9	2,233.75
1/4		1/4		1/4	4,956.59	1/4	4,618.38	1/4	4,277.99	1/4	3,936.21	1/4	3,594.27	1/4	3,252.41	1/4	2,910.54	1/4	2,226.63
1/2		1/2		1/2	4,950.44	1/2	4,611.28	1/2	4,270.90	1/2	3,929.08	1/2	3,587.15	1/2	3,245.29	1/2	2,903.42	1/2	2,219.50
3/4		3/4		3/4	4,943.46	3/4	4,604.19	3/4	4,263.81	3/4	3,921.96	3/4	3,580.03	3/4	3,238.17	3/4	2,896.29	3/4	2,212.38
10		10		10	4,936.48	10	4,597.10	10	4,256.71	10	3,914.84	10	3,572.90	10	3,231.05	10	2,889.17	10	2,205.25
1/4		1/4		1/4	4,929.50	1/4	4,590.01	1/4	4,249.62	1/4	3,907.71	1/4	3,565.78	1/4	3,223.93	1/4	2,882.05	1/4	2,198.13
1/2		1/2		1/2	4,922.53	1/2	4,582.92	1/2	4,242.53	1/2	3,900.59	1/2	3,558.66	1/2	3,216.80	1/2	2,874.92	1/2	2,191.00
3/4		3/4		3/4	4,915.49	3/4	4,575.83	3/4	4,235.41	3/4	3,893.47	3/4	3,551.54	3/4	3,209.68	3/4	2,867.80	3/4	2,183.88
11		11		11	4,908.46	11	4,568.74	11	4,228.28	11	3,886.34	11	3,544.42	11	3,202.56	11	2,860.67	11	2,176.76
1/4		1/4		1/4	4,901.43	1/4	4,561.64	1/4	4,221.16	1/4	3,879.22	1/4	3,537.29	1/4	3,195.44	1/4	2,853.55	1/4	2,169.63
1/2		1/2		1/2	4,894.40	1/2	4,554.55	1/2	4,214.04	1/2	3,872.09	1/2	3,530.17	1/2	3,188.32	1/2	2,846.43	1/2	2,162.51
3/4		3/4		3/4	4,887.35	3/4	4,547.46	3/4	4,206.91	3/4	3,864.97	3/4	3,523.05	3/4	3,181.19	3/4	2,839.30	3/4	2,155.38

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 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

ULLAGE 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	2,148.26	0	1,806.29	0	1,464.32	0	1,122.34	0	780.66	0	439.12	0	127.16	0		0		0	
1/4	2,141.13	1/4	1,799.16	1/4	1,457.19	1/4	1,115.22	1/4	773.54	1/4	432.13	1/4	121.16	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,134.01	1/2	1,792.04	1/2	1,450.07	1/2	1,108.10	1/2	766.42	1/2	425.13	1/2	115.16	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,126.88	3/4	1,784.91	3/4	1,442.94	3/4	1,100.97	3/4	759.29	3/4	418.21	3/4	109.24	3/4	3/4	3/4	3/4	3/4	3/4
1	2,119.76	1	1,777.79	1	1,435.82	1	1,093.85	1	752.17	1	411.29	1	103.33	1		1		1	
1/4	2,112.64	1/4	1,770.66	1/4	1,428.69	1/4	1,086.72	1/4	745.04	1/4	404.38	1/4	97.41	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,105.51	1/2	1,763.54	1/2	1,421.57	1/2	1,079.60	1/2	737.92	1/2	397.46	1/2	91.50	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,098.39	3/4	1,756.42	3/4	1,414.44	3/4	1,072.47	3/4	730.80	3/4	390.63	3/4	85.68	3/4	3/4	3/4	3/4	3/4	3/4
2	2,091.26	2	1,749.29	2	1,407.32	2	1,065.35	2	723.67	2	383.80	2	79.85	2		2		2	
1/4	2,084.14	1/4	1,742.17	1/4	1,400.20	1/4	1,058.22	1/4	716.55	1/4	376.97	1/4	74.03	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,077.01	1/2	1,735.04	1/2	1,393.07	1/2	1,051.10	1/2	709.42	1/2	370.13	1/2	68.21	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,069.89	3/4	1,727.92	3/4	1,385.95	3/4	1,043.98	3/4	702.30	3/4	363.38	3/4	62.50	3/4	3/4	3/4	3/4	3/4	3/4
3	2,062.77	3	1,720.79	3	1,378.82	3	1,036.85	3	695.18	3	356.63	3	56.78	3		3		3	
1/4	2,055.64	1/4	1,713.67	1/4	1,371.70	1/4	1,029.73	1/4	688.05	1/4	349.88	1/4	51.07	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,048.52	1/2	1,706.55	1/2	1,364.57	1/2	1,022.61	1/2	680.93	1/2	343.14	1/2	45.36	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,041.39	3/4	1,699.42	3/4	1,357.45	3/4	1,015.49	3/4	673.80	3/4	336.47	3/4	40.58	3/4	3/4	3/4	3/4	3/4	3/4
4	2,034.27	4	1,692.30	4	1,350.33	4	1,008.37	4	666.68	4	329.80	4	35.81	4		4		4	
1/4	2,027.14	1/4	1,685.17	1/4	1,343.20	1/4	1,001.26	1/4	659.56	1/4	323.14	1/4	31.03	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,020.02	1/2	1,678.05	1/2	1,336.08	1/2	994.14	1/2	652.43	1/2	316.47	1/2	26.26	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,012.89	3/4	1,670.92	3/4	1,328.95	3/4	987.03	3/4	645.31	3/4	309.89	3/4	23.35	3/4	3/4	3/4	3/4	3/4	3/4
5	2,005.77	5	1,663.80	5	1,321.83	5	979.91	5	638.18	5	303.31	5	20.44	5		5		5	
1/4	1,998.65	1/4	1,656.67	1/4	1,314.70	1/4	972.80	1/4	631.06	1/4	296.72	1/4	17.52	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,991.52	1/2	1,649.55	1/2	1,307.58	1/2	965.68	1/2	623.93	1/2	290.14	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,984.40	3/4	1,642.43	3/4	1,300.45	3/4	958.57	3/4	616.81	3/4	283.64	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,977.27	6	1,635.30	6	1,293.33	6	951.45	6	609.69	6	277.14	6		6		6		6	
1/4	1,970.15	1/4	1,628.18	1/4	1,286.21	1/4	944.34	1/4	602.56	1/4	270.64	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,963.02	1/2	1,621.05	1/2	1,279.08	1/2	937.22	1/2	595.44	1/2	264.14	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,955.90	3/4	1,613.93	3/4	1,271.96	3/4	930.10	3/4	588.31	3/4	257.73	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,948.77	7	1,606.80	7	1,264.83	7	922.99	7	581.19	7	251.31	7		7		7		7	
1/4	1,941.65	1/4	1,599.68	1/4	1,257.71	1/4	915.87	1/4	574.07	1/4	244.90	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,934.53	1/2	1,592.55	1/2	1,250.58	1/2	908.76	1/2	566.94	1/2	238.48	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,927.40	3/4	1,585.43	3/4	1,243.46	3/4	901.64	3/4	559.82	3/4	232.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,920.28	8	1,578.31	8	1,236.33	8	894.53	8	552.69	8	225.81	8		8		8		8	
1/4	1,913.15	1/4	1,571.18	1/4	1,229.21	1/4	887.41	1/4	545.57	1/4	219.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,906.03	1/2	1,564.06	1/2	1,222.09	1/2	880.30	1/2	538.45	1/2	213.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,898.90	3/4	1,556.93	3/4	1,214.96	3/4	873.18	3/4	531.32	3/4	206.90	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,891.78	9	1,549.81	9	1,207.84	9	866.07	9	524.20	9	200.65	9		9		9		9	
1/4	1,884.66	1/4	1,542.68	1/4	1,200.71	1/4	858.95	1/4	517.07	1/4	194.40	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,877.53	1/2	1,535.56	1/2	1,193.59	1/2	851.83	1/2	509.95	1/2	188.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,870.41	3/4	1,528.44	3/4	1,186.46	3/4	844.72	3/4	502.83	3/4	181.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,863.28	10	1,521.31	10	1,179.34	10	837.60	10	495.70	10	175.82	10		10		10		10	
1/4	1,856.16	1/4	1,514.19	1/4	1,172.22	1/4	830.49	1/4	488.58	1/4	169.65	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,849.03	1/2	1,507.06	1/2	1,165.09	1/2	823.37	1/2	481.45	1/2	163.49	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,841.91	3/4	1,499.94	3/4	1,157.97	3/4	816.26	3/4	474.37	3/4	157.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,834.78	11	1,492.81	11	1,150.84	11	809.14	11	467.29	11	151.32	11		11		11		11	
1/4	1,827.66	1/4	1,485.69	1/4	1,143.72	1/4	802.03	1/4	460.21	1/4	145.24	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,820.54	1/2	1,478.56	1/2	1,136.59	1/2	794.91	1/2	453.12	1/2	139.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,813.41	3/4	1,471.44	3/4	1,129.47	3/4	787.79	3/4	446.12	3/4	133.16	3/4		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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BARGE "TMTB 113"

2 PORT ULLAGE 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		0		0	4,924.39	0	4,582.51	0	4,240.04	0	3,896.32	0	3,552.59	0	3,208.87	0	2,865.09	0	2,521.28
1/4		1/4		1/4	4,917.31	1/4	4,575.38	1/4	4,232.88	1/4	3,889.16	1/4	3,545.43	1/4	3,201.71	1/4	2,857.93	1/4	2,514.11
1/2		1/2		1/2	4,910.22	1/2	4,568.26	1/2	4,225.72	1/2	3,881.99	1/2	3,538.27	1/2	3,194.55	1/2	2,850.77	1/2	2,506.95
3/4		3/4		3/4	4,903.14	3/4	4,561.13	3/4	4,218.56	3/4	3,874.83	3/4	3,531.11	3/4	3,187.39	3/4	2,843.61	3/4	2,499.79
1		1		1	4,896.06	1	4,554.00	1	4,211.40	1	3,867.67	1	3,523.95	1	3,180.23	1	2,836.44	1	2,492.62
1/4		1/4		1/4	4,888.97	1/4	4,546.87	1/4	4,204.23	1/4	3,860.51	1/4	3,516.79	1/4	3,173.07	1/4	2,829.28	1/4	2,485.46
1/2		1/2		1/2	4,881.89	1/2	4,539.74	1/2	4,197.07	1/2	3,853.35	1/2	3,509.63	1/2	3,165.90	1/2	2,822.12	1/2	2,478.30
3/4		3/4		3/4	4,874.76	3/4	4,532.62	3/4	4,189.91	3/4	3,846.19	3/4	3,502.47	3/4	3,158.74	3/4	2,814.95	3/4	2,471.14
2		2		2	4,867.63	2	4,525.49	2	4,182.75	2	3,839.03	2	3,495.31	2	3,151.58	2	2,807.79	2	2,463.97
1/4		1/4		1/4	4,860.50	1/4	4,518.36	1/4	4,175.59	1/4	3,831.87	1/4	3,488.14	1/4	3,144.42	1/4	2,800.63	1/4	2,456.81
1/2		1/2		1/2	4,853.38	1/2	4,511.23	1/2	4,168.43	1/2	3,824.71	1/2	3,480.98	1/2	3,137.26	1/2	2,793.47	1/2	2,449.65
3/4		3/4		3/4	4,846.25	3/4	4,504.10	3/4	4,161.27	3/4	3,817.55	3/4	3,473.82	3/4	3,130.10	3/4	2,786.30	3/4	2,442.48
3		3		3	4,839.12	3	4,496.98	3	4,154.11	3	3,810.39	3	3,466.66	3	3,122.94	3	2,779.14	3	2,435.32
1/4		1/4		1/4	4,831.99	1/4	4,489.85	1/4	4,146.95	1/4	3,803.22	1/4	3,459.50	1/4	3,115.78	1/4	2,771.98	1/4	2,428.16
1/2		1/2		1/2	4,824.86	1/2	4,482.72	1/2	4,139.79	1/2	3,796.06	1/2	3,452.34	1/2	3,108.62	1/2	2,764.81	1/2	2,420.99
3/4		3/4		3/4	4,817.74	3/4	4,475.59	3/4	4,132.63	3/4	3,788.90	3/4	3,445.18	3/4	3,101.46	3/4	2,757.65	3/4	2,413.83
4		4		4	4,810.61	4	4,468.46	4	4,125.47	4	3,781.74	4	3,438.02	4	3,094.30	4	2,750.49	4	2,406.67
1/4		1/4		1/4	4,803.48	1/4	4,461.34	1/4	4,118.30	1/4	3,774.58	1/4	3,430.86	1/4	3,087.13	1/4	2,743.33	1/4	2,399.51
1/2		1/2		1/2	4,796.35	1/2	4,454.21	1/2	4,111.14	1/2	3,767.42	1/2	3,423.70	1/2	3,079.97	1/2	2,736.16	1/2	2,392.34
3/4		3/4		3/4	4,789.22	3/4	4,447.08	3/4	4,103.98	3/4	3,760.26	3/4	3,416.54	3/4	3,072.81	3/4	2,729.00	3/4	2,385.18
5		5		5	4,782.10	5	4,439.95	5	4,096.82	5	3,753.10	5	3,409.38	5	3,065.65	5	2,721.84	5	2,378.02
1/4		1/4		1/4	4,774.97	1/4	4,432.82	1/4	4,089.66	1/4	3,745.94	1/4	3,402.21	1/4	3,058.49	1/4	2,714.67	1/4	2,370.85
1/2		1/2		1/2	4,767.84	1/2	4,425.70	1/2	4,082.50	1/2	3,738.78	1/2	3,395.05	1/2	3,051.33	1/2	2,707.51	1/2	2,363.69
3/4		3/4		3/4	5,079.34	3/4	4,760.71	3/4	4,418.57	3/4	4,075.34	3/4	3,731.62	3/4	3,387.89	3/4	3,044.17	3/4	2,356.53
6		6		6	5,075.54	6	4,753.58	6	4,411.44	6	4,068.18	6	3,724.45	6	3,380.73	6	3,037.00	6	2,349.37
1/4		1/4		1/4	5,071.74	1/4	4,746.46	1/4	4,404.31	1/4	4,061.02	1/4	3,717.29	1/4	3,373.57	1/4	3,029.84	1/4	2,342.20
1/2		1/2		1/2	5,067.94	1/2	4,739.33	1/2	4,397.18	1/2	4,053.86	1/2	3,710.13	1/2	3,366.41	1/2	3,022.68	1/2	2,335.04
3/4		3/4		3/4	5,062.94	3/4	4,732.20	3/4	4,390.06	3/4	4,046.70	3/4	3,702.97	3/4	3,359.25	3/4	3,015.52	3/4	2,327.88
7		7		7	5,057.95	7	4,725.07	7	4,382.93	7	4,039.53	7	3,695.81	7	3,352.09	7	3,008.35	7	2,320.71
1/4		1/4		1/4	5,052.96	1/4	4,717.94	1/4	4,375.80	1/4	4,032.37	1/4	3,688.65	1/4	3,344.93	1/4	3,001.19	1/4	2,313.55
1/2		1/2		1/2	5,047.96	1/2	4,710.82	1/2	4,368.67	1/2	4,025.21	1/2	3,681.49	1/2	3,337.77	1/2	2,994.03	1/2	2,306.39
3/4		3/4		3/4	5,041.77	3/4	4,703.69	3/4	4,361.54	3/4	4,018.05	3/4	3,674.33	3/4	3,330.61	3/4	2,986.86	3/4	2,299.23
8		8		8	5,035.59	8	4,696.56	8	4,354.42	8	4,010.89	8	3,667.17	8	3,323.44	8	2,979.70	8	2,292.06
1/4		1/4		1/4	5,029.40	1/4	4,689.43	1/4	4,347.29	1/4	4,003.73	1/4	3,660.01	1/4	3,316.28	1/4	2,972.54	1/4	2,284.90
1/2		1/2		1/2	5,023.21	1/2	4,682.30	1/2	4,340.16	1/2	3,996.57	1/2	3,652.85	1/2	3,309.12	1/2	2,965.38	1/2	2,277.74
3/4		3/4		3/4	5,016.20	3/4	4,675.18	3/4	4,333.03	3/4	3,989.41	3/4	3,645.68	3/4	3,301.96	3/4	2,958.21	3/4	2,270.57
9		9		9	5,009.18	9	4,668.05	9	4,325.90	9	3,982.25	9	3,638.52	9	3,294.80	9	2,951.05	9	2,263.41
1/4		1/4		1/4	5,002.17	1/4	4,660.92	1/4	4,318.78	1/4	3,975.09	1/4	3,631.36	1/4	3,287.64	1/4	2,943.89	1/4	2,256.25
1/2		1/2		1/2	4,995.15	1/2	4,653.79	1/2	4,311.65	1/2	3,967.93	1/2	3,624.20	1/2	3,280.48	1/2	2,936.72	1/2	2,249.09
3/4		3/4		3/4	4,988.09	3/4	4,646.66	3/4	4,304.49	3/4	3,960.76	3/4	3,617.04	3/4	3,273.32	3/4	2,929.56	3/4	2,241.92
10		10		10	4,981.02	10	4,639.54	10	4,297.33	10	3,953.60	10	3,609.88	10	3,266.16	10	2,922.40	10	2,234.76
1/4		1/4		1/4	4,973.95	1/4	4,632.41	1/4	4,290.17	1/4	3,946.44	1/4	3,602.72	1/4	3,259.00	1/4	2,915.23	1/4	2,227.60
1/2		1/2		1/2	4,966.88	1/2	4,625.28	1/2	4,283.00	1/2	3,939.28	1/2	3,595.56	1/2	3,251.84	1/2	2,908.07	1/2	2,220.43
3/4		3/4		3/4	4,959.80	3/4	4,618.15	3/4	4,275.84	3/4	3,932.12	3/4	3,588.40	3/4	3,244.67	3/4	2,900.91	3/4	2,213.27
11		11		11	4,952.72	11	4,611.02	11	4,268.68	11	3,924.96	11	3,581.24	11	3,237.51	11	2,893.75	11	2,206.11
1/4		1/4		1/4	4,945.64	1/4	4,603.90	1/4	4,261.52	1/4	3,917.80	1/4	3,574.08	1/4	3,230.35	1/4	2,886.58	1/4	2,198.94
1/2		1/2		1/2	4,938.56	1/2	4,596.77	1/2	4,254.36	1/2	3,910.64	1/2	3,566.91	1/2	3,223.19	1/2	2,879.42	1/2	2,191.78
3/4		3/4		3/4	4,931.47	3/4	4,589.64	3/4	4,247.20	3/4	3,903.48	3/4	3,559.75	3/4	3,216.03	3/4	2,872.26	3/4	2,184.62

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 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 ULLAGE 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	2,177.46	0	1,833.64	0	1,489.82	0	1,146.00	0	816.14	0	472.89	0	129.09	0		0		0	
1/4	2,170.29	1/4	1,826.47	1/4	1,482.65	1/4	1,138.84	1/4	809.26	1/4	465.73	1/4	121.93	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,163.13	1/2	1,819.31	1/2	1,475.49	1/2	1,131.67	1/2	802.37	1/2	458.57	1/2	114.77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,155.97	3/4	1,812.15	3/4	1,468.33	3/4	1,124.79	3/4	795.21	3/4	451.41	3/4	107.62	3/4	3/4	3/4	3/4	3/4	3/4
1	2,148.80	1	1,804.99	1	1,461.17	1	1,117.91	1	788.05	1	444.24	1	100.47	1		1		1	
1/4	2,141.64	1/4	1,797.82	1/4	1,454.00	1/4	1,111.03	1/4	780.89	1/4	437.08	1/4	93.31	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,134.48	1/2	1,790.66	1/2	1,446.84	1/2	1,104.15	1/2	773.72	1/2	429.92	1/2	86.16	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,127.32	3/4	1,783.50	3/4	1,439.68	3/4	1,097.29	3/4	766.56	3/4	422.76	3/4	79.03	3/4	3/4	3/4	3/4	3/4	3/4
2	2,120.15	2	1,776.33	2	1,432.51	2	1,090.43	2	759.40	2	415.59	2	71.91	2		2		2	
1/4	2,112.99	1/4	1,769.17	1/4	1,425.35	1/4	1,083.56	1/4	752.24	1/4	408.43	1/4	64.78	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,105.83	1/2	1,762.01	1/2	1,418.19	1/2	1,076.70	1/2	745.07	1/2	401.27	1/2	57.66	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,098.66	3/4	1,754.85	3/4	1,411.03	3/4	1,069.85	3/4	737.91	3/4	394.11	3/4	51.39	3/4	3/4	3/4	3/4	3/4	3/4
3	2,091.50	3	1,747.68	3	1,403.86	3	1,062.99	3	730.75	3	386.94	3	45.12	3		3		3	
1/4	2,084.34	1/4	1,740.52	1/4	1,396.70	1/4	1,056.14	1/4	723.59	1/4	379.78	1/4	38.86	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,077.18	1/2	1,733.36	1/2	1,389.54	1/2	1,049.28	1/2	716.42	1/2	372.62	1/2	32.59	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,070.01	3/4	1,726.19	3/4	1,382.37	3/4	1,042.43	3/4	709.26	3/4	365.46	3/4	28.12	3/4	3/4	3/4	3/4	3/4	3/4
4	2,062.85	4	1,719.03	4	1,375.21	4	1,035.57	4	702.10	4	358.29	4	23.64	4		4		4	
1/4	2,055.69	1/4	1,711.87	1/4	1,368.05	1/4	1,028.72	1/4	694.94	1/4	351.13	1/4	19.17	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,048.52	1/2	1,704.70	1/2	1,360.89	1/2	1,021.86	1/2	687.77	1/2	343.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,041.36	3/4	1,697.54	3/4	1,353.72	3/4	1,015.01	3/4	680.61	3/4	336.81	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	2,034.20	5	1,690.38	5	1,346.56	5	1,008.15	5	673.45	5	329.64	5		5		5		5	
1/4	2,027.04	1/4	1,683.22	1/4	1,339.40	1/4	1,001.30	1/4	666.28	1/4	322.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,019.87	1/2	1,676.05	1/2	1,332.23	1/2	994.44	1/2	659.12	1/2	315.32	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,012.71	3/4	1,668.89	3/4	1,325.07	3/4	987.59	3/4	651.96	3/4	308.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,005.55	6	1,661.73	6	1,317.91	6	980.73	6	644.80	6	300.99	6		6		6		6	
1/4	1,998.38	1/4	1,654.56	1/4	1,310.75	1/4	973.88	1/4	637.63	1/4	293.83	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,991.22	1/2	1,647.40	1/2	1,303.58	1/2	967.02	1/2	630.47	1/2	286.67	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,984.06	3/4	1,640.24	3/4	1,296.42	3/4	960.17	3/4	623.31	3/4	279.50	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,976.90	7	1,633.08	7	1,289.26	7	953.31	7	616.15	7	272.34	7		7		7		7	
1/4	1,969.73	1/4	1,625.91	1/4	1,282.09	1/4	946.46	1/4	608.98	1/4	265.18	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,962.57	1/2	1,618.75	1/2	1,274.93	1/2	939.60	1/2	601.82	1/2	258.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,955.41	3/4	1,611.59	3/4	1,267.77	3/4	932.75	3/4	594.66	3/4	250.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,948.24	8	1,604.42	8	1,260.61	8	925.90	8	587.50	8	243.69	8		8		8		8	
1/4	1,941.08	1/4	1,597.26	1/4	1,253.44	1/4	919.04	1/4	580.33	1/4	236.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,933.92	1/2	1,590.10	1/2	1,246.28	1/2	912.19	1/2	573.17	1/2	229.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,926.75	3/4	1,582.94	3/4	1,239.12	3/4	905.33	3/4	566.01	3/4	222.20	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,919.59	9	1,575.77	9	1,231.95	9	898.48	9	558.85	9	215.04	9		9		9		9	
1/4	1,912.43	1/4	1,568.61	1/4	1,224.79	1/4	891.62	1/4	551.68	1/4	207.88	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,905.27	1/2	1,561.45	1/2	1,217.63	1/2	884.77	1/2	544.52	1/2	200.72	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,898.10	3/4	1,554.28	3/4	1,210.46	3/4	877.91	3/4	537.36	3/4	193.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,890.94	10	1,547.12	10	1,203.30	10	871.06	10	530.20	10	186.39	10		10		10		10	
1/4	1,883.78	1/4	1,539.96	1/4	1,196.14	1/4	864.20	1/4	523.03	1/4	179.23	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,876.61	1/2	1,532.80	1/2	1,188.98	1/2	857.35	1/2	515.87	1/2	172.07	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,869.45	3/4	1,525.63	3/4	1,181.81	3/4	850.49	3/4	508.71	3/4	164.90	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,862.29	11	1,518.47	11	1,174.65	11	843.62	11	501.54	11	157.74	11		11		11		11	
1/4	1,855.13	1/4	1,511.31	1/4	1,167.49	1/4	836.76	1/4	494.38	1/4	150.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,847.96	1/2	1,504.14	1/2	1,160.32	1/2	829.90	1/2	487.22	1/2	143.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,840.80	3/4	1,496.98	3/4	1,153.16	3/4	823.02	3/4	480.06	3/4	136.25	3/4		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
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BARGE "TMTB 113"

2 STBD ULLAGE 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		0		0	4,938.96	0	4,597.50	0	4,255.44	0	3,912.10	0	3,568.80	0	3,225.55	0	2,882.26	0	2,538.92
1/4		1/4		1/4	4,931.89	1/4	4,590.38	1/4	4,248.29	1/4	3,904.95	1/4	3,561.65	1/4	3,218.40	1/4	2,875.11	1/4	2,531.77
1/2		1/2		1/2	4,924.81	1/2	4,583.26	1/2	4,241.13	1/2	3,897.80	1/2	3,554.49	1/2	3,211.25	1/2	2,867.95	1/2	2,524.61
3/4		3/4		3/4	4,917.73	3/4	4,576.14	3/4	4,233.98	3/4	3,890.64	3/4	3,547.34	3/4	3,204.10	3/4	2,860.80	3/4	2,517.46
1		1		1	4,910.66	1	4,569.02	1	4,226.83	1	3,883.49	1	3,540.19	1	3,196.95	1	2,853.65	1	2,510.31
1/4		1/4		1/4	4,903.58	1/4	4,561.90	1/4	4,219.68	1/4	3,876.34	1/4	3,533.04	1/4	3,189.80	1/4	2,846.50	1/4	2,503.16
1/2		1/2		1/2	4,896.51	1/2	4,554.78	1/2	4,212.52	1/2	3,869.18	1/2	3,525.89	1/2	3,182.65	1/2	2,839.34	1/2	2,496.00
3/4		3/4		3/4	4,889.43	3/4	4,547.66	3/4	4,205.37	3/4	3,862.03	3/4	3,518.74	3/4	3,175.50	3/4	2,832.19	3/4	2,488.85
2		2		2	4,882.31	2	4,540.54	2	4,198.22	2	3,854.88	2	3,511.59	2	3,168.35	2	2,825.04	2	2,481.70
1/4		1/4		1/4	4,875.19	1/4	4,533.42	1/4	4,191.06	1/4	3,847.73	1/4	3,504.44	1/4	3,161.19	1/4	2,817.88	1/4	2,474.54
1/2		1/2		1/2	4,868.07	1/2	4,526.30	1/2	4,183.91	1/2	3,840.57	1/2	3,497.29	1/2	3,154.04	1/2	2,810.73	1/2	2,467.39
3/4		3/4		3/4	4,860.95	3/4	4,519.18	3/4	4,176.76	3/4	3,833.42	3/4	3,490.14	3/4	3,146.89	3/4	2,803.58	3/4	2,460.24
3		3		3	4,853.83	3	4,512.06	3	4,169.61	3	3,826.27	3	3,482.99	3	3,139.74	3	2,796.43	3	2,453.09
1/4		1/4		1/4	4,846.71	1/4	4,504.94	1/4	4,162.45	1/4	3,819.11	1/4	3,475.83	1/4	3,132.59	1/4	2,789.27	1/4	2,445.93
1/2		1/2		1/2	4,839.59	1/2	4,497.82	1/2	4,155.30	1/2	3,811.96	1/2	3,468.68	1/2	3,125.44	1/2	2,782.12	1/2	2,438.78
3/4		3/4		3/4	4,832.47	3/4	4,490.70	3/4	4,148.15	3/4	3,804.81	3/4	3,461.53	3/4	3,118.29	3/4	2,774.97	3/4	2,431.63
4		4		4	4,825.35	4	4,483.58	4	4,140.99	4	3,797.66	4	3,454.38	4	3,111.14	4	2,767.81	4	2,424.47
1/4		1/4		1/4	4,818.23	1/4	4,476.46	1/4	4,133.84	1/4	3,790.50	1/4	3,447.23	1/4	3,103.99	1/4	2,760.66	1/4	2,417.32
1/2		1/2		1/2	4,811.11	1/2	4,469.34	1/2	4,126.69	1/2	3,783.35	1/2	3,440.08	1/2	3,096.84	1/2	2,753.51	1/2	2,410.17
3/4		3/4		3/4	4,803.99	3/4	4,462.22	3/4	4,119.54	3/4	3,776.20	3/4	3,432.93	3/4	3,089.69	3/4	2,746.35	3/4	2,403.02
5		5		5	4,796.87	5	4,455.10	5	4,112.38	5	3,769.04	5	3,425.78	5	3,082.54	5	2,739.20	5	2,395.86
1/4		1/4		1/4	4,789.75	1/4	4,447.98	1/4	4,105.23	1/4	3,761.89	1/4	3,418.63	1/4	3,075.38	1/4	2,732.05	1/4	2,388.71
1/2		1/2		1/2	4,782.63	1/2	4,440.86	1/2	4,098.08	1/2	3,754.74	1/2	3,411.48	1/2	3,068.23	1/2	2,724.90	1/2	2,381.56
3/4		3/4		3/4	4,775.51	3/4	4,433.74	3/4	4,090.92	3/4	3,747.58	3/4	3,404.33	3/4	3,061.08	3/4	2,717.74	3/4	2,374.40
6		6	5,086.67	6	4,768.39	6	4,426.62	6	4,083.77	6	3,740.43	6	3,397.17	6	3,053.93	6	2,710.59	6	2,367.25
1/4		1/4	5,082.87	1/4	4,761.27	1/4	4,419.50	1/4	4,076.62	1/4	3,733.28	1/4	3,390.02	1/4	3,046.78	1/4	2,703.44	1/4	2,360.10
1/2		1/2	5,079.08	1/2	4,754.15	1/2	4,412.38	1/2	4,069.47	1/2	3,726.13	1/2	3,382.87	1/2	3,039.62	1/2	2,696.28	1/2	2,352.95
3/4		3/4	5,075.28	3/4	4,747.03	3/4	4,405.26	3/4	4,062.31	3/4	3,718.97	3/4	3,375.72	3/4	3,032.47	3/4	2,689.13	3/4	2,345.79
7		7	5,070.29	7	4,739.91	7	4,398.14	7	4,055.16	7	3,711.82	7	3,368.57	7	3,025.32	7	2,681.98	7	2,338.64
1/4		1/4	5,065.30	1/4	4,732.79	1/4	4,391.02	1/4	4,048.01	1/4	3,704.67	1/4	3,361.42	1/4	3,018.16	1/4	2,674.83	1/4	2,331.49
1/2		1/2	5,060.31	1/2	4,725.67	1/2	4,383.90	1/2	4,040.85	1/2	3,697.51	1/2	3,354.27	1/2	3,011.01	1/2	2,667.67	1/2	2,324.33
3/4		3/4	5,055.32	3/4	4,718.55	3/4	4,376.78	3/4	4,033.70	3/4	3,690.36	3/4	3,347.12	3/4	3,003.86	3/4	2,660.52	3/4	2,317.18
8		8	5,049.14	8	4,711.43	8	4,369.66	8	4,026.55	8	3,683.21	8	3,339.97	8	2,996.71	8	2,653.37	8	2,310.03
1/4		1/4	5,042.96	1/4	4,704.31	1/4	4,362.54	1/4	4,019.39	1/4	3,676.06	1/4	3,332.82	1/4	2,989.55	1/4	2,646.21	1/4	2,302.87
1/2		1/2	5,036.78	1/2	4,697.19	1/2	4,355.42	1/2	4,012.24	1/2	3,668.91	1/2	3,325.67	1/2	2,982.40	1/2	2,639.06	1/2	2,295.72
3/4		3/4	5,030.60	3/4	4,690.07	3/4	4,348.30	3/4	4,005.09	3/4	3,661.76	3/4	3,318.51	3/4	2,975.25	3/4	2,631.91	3/4	2,288.57
9		9	5,023.59	9	4,682.95	9	4,341.18	9	3,997.94	9	3,654.61	9	3,311.36	9	2,968.09	9	2,624.76	9	2,281.42
1/4		1/4	5,016.59	1/4	4,675.83	1/4	4,334.06	1/4	3,990.78	1/4	3,647.46	1/4	3,304.21	1/4	2,960.94	1/4	2,617.60	1/4	2,274.26
1/2		1/2	5,009.58	1/2	4,668.71	1/2	4,326.94	1/2	3,983.63	1/2	3,640.31	1/2	3,297.06	1/2	2,953.79	1/2	2,610.45	1/2	2,267.11
3/4		3/4	5,002.57	3/4	4,661.59	3/4	4,319.82	3/4	3,976.48	3/4	3,633.15	3/4	3,289.91	3/4	2,946.64	3/4	2,603.30	3/4	2,259.96
10		10	4,995.51	10	4,654.47	10	4,312.66	10	3,969.32	10	3,626.00	10	3,282.76	10	2,939.48	10	2,596.14	10	2,252.80
1/4		1/4	4,988.45	1/4	4,647.35	1/4	4,305.51	1/4	3,962.17	1/4	3,618.85	1/4	3,275.61	1/4	2,932.33	1/4	2,588.99	1/4	2,245.65
1/2		1/2	4,981.39	1/2	4,640.23	1/2	4,298.36	1/2	3,955.02	1/2	3,611.70	1/2	3,268.46	1/2	2,925.18	1/2	2,581.84	1/2	2,238.50
3/4		3/4	4,974.33	3/4	4,633.11	3/4	4,291.21	3/4	3,947.87	3/4	3,604.55	3/4	3,261.31	3/4	2,918.02	3/4	2,574.69	3/4	2,231.35
11		11	4,967.26	11	4,625.99	11	4,284.05	11	3,940.71	11	3,597.40	11	3,254.16	11	2,910.87	11	2,567.53	11	2,224.19
1/4		1/4	4,960.18	1/4	4,618.87	1/4	4,276.90	1/4	3,933.56	1/4	3,590.25	1/4	3,247.01	1/4	2,903.72	1/4	2,560.38	1/4	2,217.04
1/2		1/2	4,953.11	1/2	4,611.74	1/2	4,269.75	1/2	3,926.41	1/2	3,583.10	1/2	3,239.85	1/2	2,896.57	1/2	2,553.23	1/2	2,209.89
3/4		3/4	4,946.04	3/4	4,604.62	3/4	4,262.59	3/4	3,919.25	3/4	3,575.95	3/4	3,232.70	3/4	2,889.41	3/4	2,546.07	3/4	2,202.73

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 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

ULLAGE 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	2,195.58	0	1,852.24	0	1,508.90	0	1,165.56	0	822.72	0	479.39	0	136.07	0		0		0	
1/4	2,188.43	1/4	1,845.09	1/4	1,501.75	1/4	1,158.41	1/4	815.57	1/4	472.24	1/4	128.92	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,181.28	1/2	1,837.94	1/2	1,494.60	1/2	1,151.26	1/2	808.41	1/2	465.09	1/2	121.77	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,174.12	3/4	1,830.78	3/4	1,487.44	3/4	1,144.11	3/4	801.26	3/4	457.94	3/4	114.62	3/4	3/4	3/4	3/4	3/4	3/4
1	2,166.97	1	1,823.63	1	1,480.29	1	1,136.95	1	794.11	1	450.78	1	107.47	1		1		1	
1/4	2,159.82	1/4	1,816.48	1/4	1,473.14	1/4	1,129.80	1/4	786.95	1/4	443.63	1/4	100.33	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,152.66	1/2	1,809.32	1/2	1,465.99	1/2	1,122.65	1/2	779.80	1/2	436.48	1/2	93.19	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,145.51	3/4	1,802.17	3/4	1,458.83	3/4	1,115.49	3/4	772.65	3/4	429.32	3/4	86.05	3/4	3/4	3/4	3/4	3/4	3/4
2	2,138.36	2	1,795.02	2	1,451.68	2	1,108.35	2	765.50	2	422.17	2	78.93	2		2		2	
1/4	2,131.21	1/4	1,787.87	1/4	1,444.53	1/4	1,101.20	1/4	758.34	1/4	415.02	1/4	71.81	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,124.05	1/2	1,780.71	1/2	1,437.37	1/2	1,094.05	1/2	751.19	1/2	407.87	1/2	64.70	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,116.90	3/4	1,773.56	3/4	1,430.22	3/4	1,086.91	3/4	744.04	3/4	400.71	3/4	57.58	3/4	3/4	3/4	3/4	3/4	3/4
3	2,109.75	3	1,766.41	3	1,423.07	3	1,079.77	3	736.89	3	393.56	3	51.32	3		3		3	
1/4	2,102.59	1/4	1,759.25	1/4	1,415.92	1/4	1,072.63	1/4	729.73	1/4	386.41	1/4	45.07	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,095.44	1/2	1,752.10	1/2	1,408.76	1/2	1,065.49	1/2	722.58	1/2	379.26	1/2	38.81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,088.29	3/4	1,744.95	3/4	1,401.61	3/4	1,058.35	3/4	715.43	3/4	372.10	3/4	32.55	3/4	3/4	3/4	3/4	3/4	3/4
4	2,081.14	4	1,737.80	4	1,394.46	4	1,051.21	4	708.28	4	364.95	4	28.08	4		4		4	
1/4	2,073.98	1/4	1,730.64	1/4	1,387.30	1/4	1,044.07	1/4	701.12	1/4	357.80	1/4	23.61	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,066.83	1/2	1,723.49	1/2	1,380.15	1/2	1,036.93	1/2	693.97	1/2	350.65	1/2	19.14	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,059.68	3/4	1,716.34	3/4	1,373.00	3/4	1,029.79	3/4	686.82	3/4	343.49	3/4		3/4	3/4	3/4	3/4	3/4	3/4
5	2,052.52	5	1,709.18	5	1,365.85	5	1,022.66	5	679.67	5	336.34	5		5		5		5	
1/4	2,045.37	1/4	1,702.03	1/4	1,358.69	1/4	1,015.52	1/4	672.51	1/4	329.19	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,038.22	1/2	1,694.88	1/2	1,351.54	1/2	1,008.38	1/2	665.36	1/2	322.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,031.06	3/4	1,687.73	3/4	1,344.39	3/4	1,001.24	3/4	658.21	3/4	314.88	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,023.91	6	1,680.57	6	1,337.23	6	994.10	6	651.06	6	307.73	6		6		6		6	
1/4	2,016.76	1/4	1,673.42	1/4	1,330.08	1/4	986.96	1/4	643.90	1/4	300.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,009.61	1/2	1,666.27	1/2	1,322.93	1/2	979.82	1/2	636.75	1/2	293.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,002.45	3/4	1,659.11	3/4	1,315.77	3/4	972.68	3/4	629.60	3/4	286.27	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,995.30	7	1,651.96	7	1,308.62	7	965.54	7	622.44	7	279.12	7		7		7		7	
1/4	1,988.15	1/4	1,644.81	1/4	1,301.47	1/4	958.41	1/4	615.29	1/4	271.97	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,980.99	1/2	1,637.66	1/2	1,294.32	1/2	951.27	1/2	608.14	1/2	264.81	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,973.84	3/4	1,630.50	3/4	1,287.16	3/4	944.13	3/4	600.99	3/4	257.66	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,966.69	8	1,623.35	8	1,280.01	8	936.99	8	593.83	8	250.51	8		8		8		8	
1/4	1,959.54	1/4	1,616.20	1/4	1,272.86	1/4	929.85	1/4	586.68	1/4	243.36	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,952.38	1/2	1,609.04	1/2	1,265.70	1/2	922.71	1/2	579.53	1/2	236.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,945.23	3/4	1,601.89	3/4	1,258.55	3/4	915.57	3/4	572.38	3/4	229.05	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,938.08	9	1,594.74	9	1,251.40	9	908.43	9	565.22	9	221.90	9		9		9		9	
1/4	1,930.92	1/4	1,587.58	1/4	1,244.25	1/4	901.30	1/4	558.07	1/4	214.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,923.77	1/2	1,580.43	1/2	1,237.09	1/2	894.16	1/2	550.92	1/2	207.59	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,916.62	3/4	1,573.28	3/4	1,229.94	3/4	887.02	3/4	543.77	3/4	200.44	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,909.47	10	1,566.13	10	1,222.79	10	879.88	10	536.61	10	193.29	10		10		10		10	
1/4	1,902.31	1/4	1,558.97	1/4	1,215.63	1/4	872.74	1/4	529.46	1/4	186.14	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,895.16	1/2	1,551.82	1/2	1,208.48	1/2	865.60	1/2	522.31	1/2	178.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,888.01	3/4	1,544.67	3/4	1,201.33	3/4	858.46	3/4	515.16	3/4	171.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,880.85	11	1,537.51	11	1,194.18	11	851.32	11	508.00	11	164.68	11		11		11		11	
1/4	1,873.70	1/4	1,530.36	1/4	1,187.02	1/4	844.17	1/4	500.85	1/4	157.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,866.55	1/2	1,523.21	1/2	1,179.87	1/2	837.02	1/2	493.70	1/2	150.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,859.40	3/4	1,516.06	3/4	1,172.72	3/4	829.87	3/4	486.55	3/4	143.22	3/4		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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BARGE "TMTB 113"

3 PORT ULLAGE 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		0		0	4,297.77	0	4,088.99	0	3,879.85	0	3,669.98	0	3,460.40	0	3,191.09	0	2,849.39	0	2,507.62
1/4		1/4		1/4	4,293.45	1/4	4,084.64	1/4	3,875.48	1/4	3,665.61	1/4	3,456.05	1/4	3,183.99	1/4	2,842.27	1/4	2,500.50
1/2		1/2		1/2	4,289.12	1/2	4,080.28	1/2	3,871.10	1/2	3,661.24	1/2	3,451.69	1/2	3,176.89	1/2	2,835.15	1/2	2,493.38
3/4		3/4		3/4	4,284.79	3/4	4,075.93	3/4	3,866.73	3/4	3,656.87	3/4	3,447.33	3/4	3,169.79	3/4	2,828.03	3/4	2,486.26
1		1		1	4,280.47	1	4,071.58	1	3,862.36	1	3,652.49	1	3,442.98	1	3,162.69	1	2,820.91	1	2,479.14
1/4		1/4		1/4	4,276.14	1/4	4,067.22	1/4	3,857.99	1/4	3,648.12	1/4	3,438.62	1/4	3,155.60	1/4	2,813.79	1/4	2,472.02
1/2		1/2		1/2	4,271.82	1/2	4,062.87	1/2	3,853.62	1/2	3,643.75	1/2	3,434.26	1/2	3,148.50	1/2	2,806.67	1/2	2,464.90
3/4		3/4		3/4	4,267.47	3/4	4,058.52	3/4	3,849.24	3/4	3,639.38	3/4	3,429.91	3/4	3,141.40	3/4	2,799.55	3/4	2,457.77
2		2		2	4,263.11	2	4,054.16	2	3,844.87	2	3,635.01	2	3,425.55	2	3,134.30	2	2,792.43	2	2,450.65
1/4		1/4		1/4	4,258.76	1/4	4,049.81	1/4	3,840.50	1/4	3,630.63	1/4	3,421.19	1/4	3,127.20	1/4	2,785.31	1/4	2,443.53
1/2		1/2		1/2	4,254.41	1/2	4,045.46	1/2	3,836.13	1/2	3,626.26	1/2	3,416.84	1/2	3,120.10	1/2	2,778.19	1/2	2,436.41
3/4		3/4		3/4	4,250.05	3/4	4,041.10	3/4	3,831.76	3/4	3,621.89	3/4	3,412.48	3/4	3,112.99	3/4	2,771.07	3/4	2,429.29
3		3		3	4,245.70	3	4,036.75	3	3,827.38	3	3,617.52	3	3,408.13	3	3,105.87	3	2,763.95	3	2,422.17
1/4		1/4		1/4	4,241.35	1/4	4,032.40	1/4	3,823.01	1/4	3,613.15	1/4	3,403.77	1/4	3,098.75	1/4	2,756.83	1/4	2,415.05
1/2		1/2		1/2	4,236.99	1/2	4,028.05	1/2	3,818.64	1/2	3,608.77	1/2	3,399.41	1/2	3,091.64	1/2	2,749.71	1/2	2,407.93
3/4		3/4		3/4	4,232.64	3/4	4,023.69	3/4	3,814.27	3/4	3,604.40	3/4	3,395.06	3/4	3,084.52	3/4	2,742.59	3/4	2,400.81
4		4		4	4,228.29	4	4,019.34	4	3,809.89	4	3,600.03	4	3,390.70	4	3,077.40	4	2,735.47	4	2,393.68
1/4		1/4		1/4	4,223.94	1/4	4,014.99	1/4	3,805.52	1/4	3,595.66	1/4	3,386.34	1/4	3,070.29	1/4	2,728.35	1/4	2,386.56
1/2		1/2		1/2	4,219.58	1/2	4,010.63	1/2	3,801.15	1/2	3,591.28	1/2	3,381.99	1/2	3,063.17	1/2	2,721.23	1/2	2,379.44
3/4		3/4		3/4	4,215.23	3/4	4,006.28	3/4	3,796.78	3/4	3,586.91	3/4	3,377.65	3/4	3,056.06	3/4	2,714.11	3/4	2,372.32
5		5		5	4,210.88	5	4,001.93	5	3,792.41	5	3,582.54	5	3,373.31	5	3,048.94	5	2,706.99	5	2,365.20
1/4		1/4		1/4	4,206.52	1/4	3,997.57	1/4	3,788.03	1/4	3,578.17	1/4	3,368.97	1/4	3,041.82	1/4	2,699.87	1/4	2,358.08
1/2		1/2		1/2	4,202.17	1/2	3,993.22	1/2	3,783.66	1/2	3,573.80	1/2	3,364.63	1/2	3,034.71	1/2	2,692.75	1/2	2,350.96
3/4		3/4		3/4	4,197.82	3/4	3,988.87	3/4	3,779.29	3/4	3,569.42	3/4	3,360.30	3/4	3,027.58	3/4	2,685.63	3/4	2,343.84
6		6		6	4,193.46	6	3,984.51	6	3,774.92	6	3,565.05	6	3,355.96	6	3,020.44	6	2,678.51	6	2,336.72
1/4		1/4		1/4	4,189.11	1/4	3,980.16	1/4	3,770.54	1/4	3,560.68	1/4	3,351.62	1/4	3,013.31	1/4	2,671.39	1/4	2,329.59
1/2		1/2		1/2	4,184.76	1/2	3,975.81	1/2	3,766.17	1/2	3,556.31	1/2	3,347.28	1/2	3,006.18	1/2	2,664.26	1/2	2,322.47
3/4		3/4		3/4	4,180.40	3/4	3,971.46	3/4	3,761.80	3/4	3,551.93	3/4	3,340.18	3/4	2,999.05	3/4	2,657.14	3/4	2,315.35
7		7		7	4,176.05	7	3,967.10	7	3,757.43	7	3,547.56	7	3,333.08	7	2,991.91	7	2,650.02	7	2,308.23
1/4		1/4		1/4	4,171.70	1/4	3,962.75	1/4	3,753.06	1/4	3,543.19	1/4	3,325.98	1/4	2,984.78	1/4	2,642.90	1/4	2,301.11
1/2		1/2		1/2	4,167.34	1/2	3,958.40	1/2	3,748.68	1/2	3,538.82	1/2	3,318.88	1/2	2,977.65	1/2	2,635.78	1/2	2,293.99
3/4		3/4		3/4	4,162.99	3/4	3,954.04	3/4	3,744.31	3/4	3,534.46	3/4	3,311.78	3/4	2,970.52	3/4	2,628.66	3/4	2,286.87
8		8		8	4,158.64	8	3,949.69	8	3,739.94	8	3,530.10	8	3,304.68	8	2,963.39	8	2,621.54	8	2,279.75
1/4		1/4		1/4	4,154.29	1/4	3,945.34	1/4	3,735.57	1/4	3,525.75	1/4	3,297.58	1/4	2,956.25	1/4	2,614.42	1/4	2,272.63
1/2		1/2		1/2	4,149.93	1/2	3,940.98	1/2	3,731.19	1/2	3,521.39	1/2	3,290.48	1/2	2,949.12	1/2	2,607.30	1/2	2,265.50
3/4		3/4		3/4	4,145.58	3/4	3,936.63	3/4	3,726.82	3/4	3,517.04	3/4	3,283.38	3/4	2,941.99	3/4	2,600.18	3/4	2,258.38
9		9		9	4,141.23	9	3,932.28	9	3,722.45	9	3,512.68	9	3,276.28	9	2,934.86	9	2,593.06	9	2,251.26
1/4		1/4		1/4	4,136.87	1/4	3,927.92	1/4	3,718.08	1/4	3,508.32	1/4	3,269.18	1/4	2,927.72	1/4	2,585.94	1/4	2,244.14
1/2		1/2		1/2	4,132.52	1/2	3,923.57	1/2	3,713.71	1/2	3,503.97	1/2	3,262.08	1/2	2,920.59	1/2	2,578.82	1/2	2,237.02
3/4		3/4		3/4	4,128.17	3/4	3,919.20	3/4	3,709.33	3/4	3,499.61	3/4	3,254.98	3/4	2,913.47	3/4	2,571.70	3/4	2,229.90
10		10		10	4,123.81	10	3,914.83	10	3,704.96	10	3,495.25	10	3,247.88	10	2,906.35	10	2,564.58	10	2,222.78
1/4		1/4		1/4	4,119.46	1/4	3,910.45	1/4	3,700.59	1/4	3,490.90	1/4	3,240.78	1/4	2,899.23	1/4	2,557.46	1/4	2,215.66
1/2		1/2		1/2	4,115.11	1/2	3,906.08	1/2	3,696.22	1/2	3,486.54	1/2	3,233.68	1/2	2,892.11	1/2	2,550.34	1/2	2,208.54
3/4		3/4		3/4	4,110.75	3/4	3,901.71	3/4	3,691.84	3/4	3,482.18	3/4	3,226.58	3/4	2,884.99	3/4	2,543.22	3/4	2,201.41
11		11		11	4,106.40	11	3,897.34	11	3,687.47	11	3,477.83	11	3,219.48	11	2,877.87	11	2,536.10	11	2,194.29
1/4		1/4		1/4	4,102.05	1/4	3,892.97	1/4	3,683.10	1/4	3,473.47	1/4	3,212.39	1/4	2,870.75	1/4	2,528.98	1/4	2,187.17
1/2		1/2		1/2	4,097.70	1/2	3,888.59	1/2	3,678.73	1/2	3,469.12	1/2	3,205.29	1/2	2,863.63	1/2	2,521.86	1/2	2,180.05
3/4		3/4		3/4	4,093.34	3/4	3,884.22	3/4	3,674.36	3/4	3,464.76	3/4	3,198.19	3/4	2,856.51	3/4	2,514.74	3/4	2,172.93

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 ULLAGE 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 ULLAGE TABLE HERMETIC GAUGE HEIGHT 16'-04 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	2,165.81	0	1,824.00	0	1,482.18	0	1,140.37	0	812.27	0	470.85	0	128.59	0		0		0	
1/4	2,158.69	1/4	1,816.88	1/4	1,475.06	1/4	1,133.25	1/4	805.38	1/4	463.73	1/4	121.45	1/4	1/4	1/4	1/4	1/4	
1/2	2,151.57	1/2	1,809.75	1/2	1,467.94	1/2	1,126.13	1/2	798.49	1/2	456.61	1/2	114.32	1/2	1/2	1/2	1/2	1/2	
3/4	2,144.45	3/4	1,802.63	3/4	1,460.82	3/4	1,119.24	3/4	791.37	3/4	449.49	3/4	107.20	3/4	3/4	3/4	3/4	3/4	
1	2,137.33	1	1,795.51	1	1,453.70	1	1,112.35	1	784.24	1	442.36	1	100.07	1		1		1	
1/4	2,130.20	1/4	1,788.39	1/4	1,446.58	1/4	1,105.46	1/4	777.12	1/4	435.24	1/4	92.95	1/4	1/4	1/4	1/4	1/4	
1/2	2,123.08	1/2	1,781.27	1/2	1,439.46	1/2	1,098.57	1/2	770.00	1/2	428.12	1/2	85.83	1/2	1/2	1/2	1/2	1/2	
3/4	2,115.96	3/4	1,774.15	3/4	1,432.34	3/4	1,091.75	3/4	762.88	3/4	421.00	3/4	78.73	3/4	3/4	3/4	3/4	3/4	
2	2,108.84	2	1,767.03	2	1,425.22	2	1,084.93	2	755.75	2	413.87	2	71.63	2		2		2	
1/4	2,101.72	1/4	1,759.91	1/4	1,418.09	1/4	1,078.11	1/4	748.63	1/4	406.75	1/4	64.53	1/4	1/4	1/4	1/4	1/4	
1/2	2,094.60	1/2	1,752.79	1/2	1,410.97	1/2	1,071.29	1/2	741.51	1/2	399.63	1/2	57.44	1/2	1/2	1/2	1/2	1/2	
3/4	2,087.48	3/4	1,745.66	3/4	1,403.85	3/4	1,064.48	3/4	734.39	3/4	392.51	3/4	51.19	3/4	3/4	3/4	3/4	3/4	
3	2,080.36	3	1,738.54	3	1,396.73	3	1,057.67	3	727.26	3	385.38	3	44.95	3		3		3	
1/4	2,073.24	1/4	1,731.42	1/4	1,389.61	1/4	1,050.86	1/4	720.14	1/4	378.26	1/4	38.71	1/4	1/4	1/4	1/4	1/4	
1/2	2,066.11	1/2	1,724.30	1/2	1,382.49	1/2	1,044.05	1/2	713.02	1/2	371.14	1/2	32.47	1/2	1/2	1/2	1/2	1/2	
3/4	2,058.99	3/4	1,717.18	3/4	1,375.37	3/4	1,037.23	3/4	705.90	3/4	364.01	3/4	28.01	3/4	3/4	3/4	3/4	3/4	
4	2,051.87	4	1,710.06	4	1,368.25	4	1,030.42	4	698.77	4	356.87	4	23.55	4		4		4	
1/4	2,044.75	1/4	1,702.94	1/4	1,361.13	1/4	1,023.61	1/4	691.65	1/4	349.74	1/4	19.09	1/4	1/4	1/4	1/4	1/4	
1/2	2,037.63	1/2	1,695.82	1/2	1,354.00	1/2	1,016.80	1/2	684.53	1/2	342.60	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	2,030.51	3/4	1,688.70	3/4	1,346.88	3/4	1,009.99	3/4	677.41	3/4	335.47	3/4		3/4	3/4	3/4	3/4	3/4	
5	2,023.39	5	1,681.57	5	1,339.76	5	1,003.18	5	670.28	5	328.34	5		5		5		5	
1/4	2,016.27	1/4	1,674.45	1/4	1,332.64	1/4	996.36	1/4	663.16	1/4	321.20	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	2,009.15	1/2	1,667.33	1/2	1,325.52	1/2	989.55	1/2	656.04	1/2	314.07	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	2,002.02	3/4	1,660.21	3/4	1,318.40	3/4	982.74	3/4	648.92	3/4	306.93	3/4		3/4	3/4	3/4	3/4	3/4	
6	1,994.90	6	1,653.09	6	1,311.28	6	975.93	6	641.79	6	299.80	6		6		6		6	
1/4	1,987.78	1/4	1,645.97	1/4	1,304.16	1/4	969.12	1/4	634.67	1/4	292.67	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,980.66	1/2	1,638.85	1/2	1,297.04	1/2	962.31	1/2	627.55	1/2	285.53	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,973.54	3/4	1,631.73	3/4	1,289.91	3/4	955.50	3/4	620.43	3/4	278.40	3/4		3/4	3/4	3/4	3/4	3/4	
7	1,966.42	7	1,624.61	7	1,282.79	7	948.68	7	613.30	7	271.26	7		7		7		7	
1/4	1,959.30	1/4	1,617.48	1/4	1,275.67	1/4	941.87	1/4	606.18	1/4	264.13	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,952.18	1/2	1,610.36	1/2	1,268.55	1/2	935.06	1/2	599.06	1/2	257.00	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,945.06	3/4	1,603.24	3/4	1,261.43	3/4	928.25	3/4	591.94	3/4	249.86	3/4		3/4	3/4	3/4	3/4	3/4	
8	1,937.93	8	1,596.12	8	1,254.31	8	921.44	8	584.81	8	242.73	8		8		8		8	
1/4	1,930.81	1/4	1,589.00	1/4	1,247.19	1/4	914.63	1/4	577.69	1/4	235.59	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,923.69	1/2	1,581.88	1/2	1,240.07	1/2	907.82	1/2	570.57	1/2	228.46	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,916.57	3/4	1,574.76	3/4	1,232.95	3/4	901.00	3/4	563.45	3/4	221.33	3/4		3/4	3/4	3/4	3/4	3/4	
9	1,909.45	9	1,567.64	9	1,225.82	9	894.19	9	556.32	9	214.19	9		9		9		9	
1/4	1,902.33	1/4	1,560.52	1/4	1,218.70	1/4	887.38	1/4	549.20	1/4	207.06	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,895.21	1/2	1,553.39	1/2	1,211.58	1/2	880.57	1/2	542.08	1/2	199.92	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,888.09	3/4	1,546.27	3/4	1,204.46	3/4	873.76	3/4	534.96	3/4	192.79	3/4		3/4	3/4	3/4	3/4	3/4	
10	1,880.97	10	1,539.15	10	1,197.34	10	866.95	10	527.83	10	185.66	10		10		10		10	
1/4	1,873.84	1/4	1,532.03	1/4	1,190.22	1/4	860.14	1/4	520.71	1/4	178.52	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,866.72	1/2	1,524.91	1/2	1,183.10	1/2	853.33	1/2	513.59	1/2	171.39	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,859.60	3/4	1,517.79	3/4	1,175.98	3/4	846.51	3/4	506.47	3/4	164.25	3/4		3/4	3/4	3/4	3/4	3/4	
11	1,852.48	11	1,510.67	11	1,168.86	11	839.69	11	499.34	11	157.12	11		11		11		11	
1/4	1,845.36	1/4	1,503.55	1/4	1,161.73	1/4	832.87	1/4	492.22	1/4	149.99	1/4		1/4	1/4	1/4	1/4	1/4	
1/2	1,838.24	1/2	1,496.43	1/2	1,154.61	1/2	826.05	1/2	485.10	1/2	142.85	1/2		1/2	1/2	1/2	1/2	1/2	
3/4	1,831.12	3/4	1,489.30	3/4	1,147.49	3/4	819.16	3/4	477.98	3/4	135.72	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
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BARGE "TMTB 113"

3 STBD ULLAGE 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		0		0	4,322.02	0	4,112.57	0	3,902.76	0	3,692.26	0	3,481.76	0	3,208.76	0	2,866.55	0	2,523.89
1/4		1/4		1/4	4,317.68	1/4	4,108.20	1/4	3,898.38	1/4	3,687.87	1/4	3,477.37	1/4	3,201.64	1/4	2,859.41	1/4	2,516.73
1/2		1/2		1/2	4,313.34	1/2	4,103.83	1/2	3,893.99	1/2	3,683.49	1/2	3,472.99	1/2	3,194.53	1/2	2,852.28	1/2	2,509.58
3/4		3/4		3/4	4,309.00	3/4	4,099.47	3/4	3,889.61	3/4	3,679.10	3/4	3,468.60	3/4	3,187.41	3/4	2,845.15	3/4	2,502.43
1		1		1	4,304.66	1	4,095.10	1	3,885.22	1	3,674.72	1	3,464.21	1	3,180.29	1	2,838.02	1	2,495.28
1/4		1/4		1/4	4,300.32	1/4	4,090.73	1/4	3,880.84	1/4	3,670.33	1/4	3,459.83	1/4	3,173.18	1/4	2,830.88	1/4	2,488.13
1/2		1/2		1/2	4,295.96	1/2	4,086.37	1/2	3,876.45	1/2	3,665.95	1/2	3,455.44	1/2	3,166.06	1/2	2,823.75	1/2	2,480.98
3/4		3/4		3/4	4,291.59	3/4	4,082.00	3/4	3,872.07	3/4	3,661.56	3/4	3,451.06	3/4	3,158.95	3/4	2,816.62	3/4	2,473.83
2		2		2	4,287.23	2	4,077.63	2	3,867.68	2	3,657.18	2	3,446.67	2	3,151.83	2	2,809.49	2	2,466.68
1/4		1/4		1/4	4,282.86	1/4	4,073.27	1/4	3,863.29	1/4	3,652.79	1/4	3,442.29	1/4	3,144.72	1/4	2,802.35	1/4	2,459.53
1/2		1/2		1/2	4,278.49	1/2	4,068.90	1/2	3,858.91	1/2	3,648.41	1/2	3,437.90	1/2	3,137.59	1/2	2,795.22	1/2	2,452.38
3/4		3/4		3/4	4,274.13	3/4	4,064.53	3/4	3,854.52	3/4	3,644.02	3/4	3,433.52	3/4	3,130.45	3/4	2,788.09	3/4	2,445.23
3		3		3	4,269.76	3	4,060.17	3	3,850.14	3	3,639.63	3	3,429.13	3	3,123.32	3	2,780.96	3	2,438.07
1/4		1/4		1/4	4,265.39	1/4	4,055.80	1/4	3,845.75	1/4	3,635.25	1/4	3,424.74	1/4	3,116.19	1/4	2,773.82	1/4	2,430.92
1/2		1/2		1/2	4,261.03	1/2	4,051.43	1/2	3,841.37	1/2	3,630.86	1/2	3,420.36	1/2	3,109.06	1/2	2,766.69	1/2	2,423.77
3/4		3/4		3/4	4,256.66	3/4	4,047.07	3/4	3,836.98	3/4	3,626.48	3/4	3,415.97	3/4	3,101.92	3/4	2,759.56	3/4	2,416.62
4		4		4	4,252.29	4	4,042.70	4	3,832.60	4	3,622.09	4	3,411.59	4	3,094.79	4	2,752.43	4	2,409.47
1/4		1/4		1/4	4,247.93	1/4	4,038.33	1/4	3,828.21	1/4	3,617.71	1/4	3,407.20	1/4	3,087.66	1/4	2,745.29	1/4	2,402.32
1/2		1/2		1/2	4,243.56	1/2	4,033.97	1/2	3,823.83	1/2	3,613.32	1/2	3,402.85	1/2	3,080.53	1/2	2,738.16	1/2	2,395.17
3/4		3/4		3/4	4,239.19	3/4	4,029.60	3/4	3,819.44	3/4	3,608.94	3/4	3,398.50	3/4	3,073.39	3/4	2,731.03	3/4	2,388.02
5		5		5	4,234.83	5	4,025.24	5	3,815.05	5	3,604.55	5	3,394.15	5	3,066.26	5	2,723.90	5	2,380.87
1/4		1/4		1/4	4,230.46	1/4	4,020.87	1/4	3,810.67	1/4	3,600.16	1/4	3,389.80	1/4	3,059.13	1/4	2,716.76	1/4	2,373.72
1/2		1/2	4,414.68	1/2	4,226.09	1/2	4,016.50	1/2	3,806.28	1/2	3,595.78	1/2	3,385.45	1/2	3,051.99	1/2	2,709.63	1/2	2,366.57
3/4		3/4	4,412.97	3/4	4,221.73	3/4	4,012.14	3/4	3,801.90	3/4	3,591.39	3/4	3,381.10	3/4	3,044.86	3/4	2,702.50	3/4	2,359.42
6		6	4,411.25	6	4,217.36	6	4,007.77	6	3,797.51	6	3,587.01	6	3,376.75	6	3,037.73	6	2,695.36	6	2,352.26
1/4		1/4	4,409.54	1/4	4,212.99	1/4	4,003.40	1/4	3,793.13	1/4	3,582.62	1/4	3,372.41	1/4	3,030.60	1/4	2,688.23	1/4	2,345.11
1/2		1/2	4,407.29	1/2	4,208.63	1/2	3,999.04	1/2	3,788.74	1/2	3,578.24	1/2	3,365.29	1/2	3,023.46	1/2	2,681.10	1/2	2,337.96
3/4		3/4	4,405.03	3/4	4,204.26	3/4	3,994.67	3/4	3,784.36	3/4	3,573.85	3/4	3,358.17	3/4	3,016.33	3/4	2,673.97	3/4	2,330.81
7		7	4,402.78	7	4,199.90	7	3,990.30	7	3,779.97	7	3,569.47	7	3,351.06	7	3,009.20	7	2,666.83	7	2,323.66
1/4		1/4	4,400.53	1/4	4,195.53	1/4	3,985.94	1/4	3,775.58	1/4	3,565.08	1/4	3,343.94	1/4	3,002.07	1/4	2,659.70	1/4	2,316.51
1/2		1/2	4,397.08	1/2	4,191.16	1/2	3,981.57	1/2	3,771.20	1/2	3,560.70	1/2	3,336.83	1/2	2,994.93	1/2	2,652.57	1/2	2,309.36
3/4		3/4	4,393.64	3/4	4,186.80	3/4	3,977.20	3/4	3,766.81	3/4	3,556.31	3/4	3,329.71	3/4	2,987.80	3/4	2,645.44	3/4	2,302.21
8		8	4,390.19	8	4,182.43	8	3,972.84	8	3,762.43	8	3,551.92	8	3,322.60	8	2,980.67	8	2,638.30	8	2,295.06
1/4		1/4	4,386.75	1/4	4,178.06	1/4	3,968.47	1/4	3,758.04	1/4	3,547.54	1/4	3,315.48	1/4	2,973.54	1/4	2,631.17	1/4	2,287.91
1/2		1/2	4,382.48	1/2	4,173.70	1/2	3,964.10	1/2	3,753.66	1/2	3,543.15	1/2	3,308.37	1/2	2,966.40	1/2	2,624.02	1/2	2,280.76
3/4		3/4	4,378.21	3/4	4,169.33	3/4	3,959.74	3/4	3,749.27	3/4	3,538.77	3/4	3,301.25	3/4	2,959.27	3/4	2,616.87	3/4	2,273.61
9		9	4,373.94	9	4,164.96	9	3,955.37	9	3,744.89	9	3,534.38	9	3,294.14	9	2,952.14	9	2,609.71	9	2,266.46
1/4		1/4	4,369.67	1/4	4,160.60	1/4	3,951.00	1/4	3,740.50	1/4	3,530.00	1/4	3,287.02	1/4	2,945.01	1/4	2,602.56	1/4	2,259.30
1/2		1/2	4,365.34	1/2	4,156.23	1/2	3,946.62	1/2	3,736.12	1/2	3,525.61	1/2	3,279.91	1/2	2,937.87	1/2	2,595.41	1/2	2,252.15
3/4		3/4	4,361.02	3/4	4,151.86	3/4	3,942.23	3/4	3,731.73	3/4	3,521.23	3/4	3,272.79	3/4	2,930.74	3/4	2,588.26	3/4	2,245.00
10		10	4,356.69	10	4,147.50	10	3,937.85	10	3,727.34	10	3,516.84	10	3,265.68	10	2,923.61	10	2,581.10	10	2,237.85
1/4		1/4	4,352.37	1/4	4,143.13	1/4	3,933.46	1/4	3,722.96	1/4	3,512.45	1/4	3,258.56	1/4	2,916.48	1/4	2,573.95	1/4	2,230.70
1/2		1/2	4,348.03	1/2	4,138.76	1/2	3,929.08	1/2	3,718.57	1/2	3,508.07	1/2	3,251.45	1/2	2,909.34	1/2	2,566.80	1/2	2,223.55
3/4		3/4	4,343.70	3/4	4,134.40	3/4	3,924.69	3/4	3,714.19	3/4	3,503.68	3/4	3,244.33	3/4	2,902.21	3/4	2,559.65	3/4	2,216.40
11		11	4,339.36	11	4,130.03	11	3,920.31	11	3,709.80	11	3,499.30	11	3,237.22	11	2,895.08	11	2,552.50	11	2,209.25
1/4		1/4	4,335.03	1/4	4,125.66	1/4	3,915.92	1/4	3,705.42	1/4	3,494.91	1/4	3,230.10	1/4	2,887.95	1/4	2,545.34	1/4	2,202.10
1/2		1/2	4,330.69	1/2	4,121.30	1/2	3,911.54	1/2	3,701.03	1/2	3,490.53	1/2	3,222.99	1/2	2,880.81	1/2	2,538.19	1/2	2,194.95
3/4		3/4	4,326.35	3/4	4,116.93	3/4	3,907.15	3/4	3,696.65	3/4	3,486.14	3/4	3,215.87	3/4	2,873.68	3/4	2,531.04	3/4	2,187.80

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 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

ULLAGE 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	2,180.65	0	1,837.41	0	1,494.17	0	1,150.93	0	808.19	0	464.96	0	121.74	0		0		0	
1/4	2,173.49	1/4	1,830.26	1/4	1,487.02	1/4	1,143.78	1/4	801.04	1/4	457.81	1/4	114.59	1/4		1/4		1/4	
1/2	2,166.34	1/2	1,823.11	1/2	1,479.87	1/2	1,136.63	1/2	793.89	1/2	450.66	1/2	107.45	1/2		1/2		1/2	
3/4	2,159.19	3/4	1,815.95	3/4	1,472.72	3/4	1,129.48	3/4	786.74	3/4	443.51	3/4	100.31	3/4		3/4		3/4	
1	2,152.04	1	1,808.80	1	1,465.57	1	1,122.33	1	779.59	1	436.36	1	93.17	1		1		1	
1/4	2,144.89	1/4	1,801.65	1/4	1,458.41	1/4	1,115.18	1/4	772.44	1/4	429.21	1/4	86.03	1/4		1/4		1/4	
1/2	2,137.74	1/2	1,794.50	1/2	1,451.26	1/2	1,108.03	1/2	765.28	1/2	422.06	1/2	78.91	1/2		1/2		1/2	
3/4	2,130.59	3/4	1,787.35	3/4	1,444.11	3/4	1,100.89	3/4	758.13	3/4	414.91	3/4	71.80	3/4		3/4		3/4	
2	2,123.44	2	1,780.20	2	1,436.96	2	1,093.74	2	750.98	2	407.75	2	64.68	2		2		2	
1/4	2,116.29	1/4	1,773.05	1/4	1,429.81	1/4	1,086.60	1/4	743.83	1/4	400.60	1/4	57.57	1/4		1/4		1/4	
1/2	2,109.14	1/2	1,765.90	1/2	1,422.66	1/2	1,079.46	1/2	736.68	1/2	393.45	1/2	51.31	1/2		1/2		1/2	
3/4	2,101.99	3/4	1,758.75	3/4	1,415.51	3/4	1,072.32	3/4	729.53	3/4	386.30	3/4	45.06	3/4		3/4		3/4	
3	2,094.84	3	1,751.60	3	1,408.36	3	1,065.19	3	722.38	3	379.15	3	38.80	3		3		3	
1/4	2,087.69	1/4	1,744.45	1/4	1,401.21	1/4	1,058.05	1/4	715.23	1/4	372.00	1/4	32.55	1/4		1/4		1/4	
1/2	2,080.53	1/2	1,737.30	1/2	1,394.06	1/2	1,050.91	1/2	708.08	1/2	364.85	1/2	28.08	1/2		1/2		1/2	
3/4	2,073.38	3/4	1,730.15	3/4	1,386.91	3/4	1,043.78	3/4	700.93	3/4	357.70	3/4	23.61	3/4		3/4		3/4	
4	2,066.23	4	1,722.99	4	1,379.76	4	1,036.64	4	693.78	4	350.55	4	19.14	4		4		4	
1/4	2,059.08	1/4	1,715.84	1/4	1,372.61	1/4	1,029.50	1/4	686.63	1/4	343.40	1/4		1/4		1/4		1/4	
1/2	2,051.93	1/2	1,708.69	1/2	1,365.45	1/2	1,022.37	1/2	679.48	1/2	336.25	1/2		1/2		1/2		1/2	
3/4	2,044.78	3/4	1,701.54	3/4	1,358.30	3/4	1,015.23	3/4	672.33	3/4	329.10	3/4		3/4		3/4		3/4	
5	2,037.63	5	1,694.39	5	1,351.15	5	1,008.09	5	665.18	5	321.95	5		5		5		5	
1/4	2,030.48	1/4	1,687.24	1/4	1,344.00	1/4	1,000.96	1/4	658.03	1/4	314.80	1/4		1/4		1/4		1/4	
1/2	2,023.33	1/2	1,680.09	1/2	1,336.85	1/2	993.82	1/2	650.88	1/2	307.65	1/2		1/2		1/2		1/2	
3/4	2,016.18	3/4	1,672.94	3/4	1,329.70	3/4	986.68	3/4	643.72	3/4	300.50	3/4		3/4		3/4		3/4	
6	2,009.03	6	1,665.79	6	1,322.55	6	979.55	6	636.57	6	293.35	6		6		6		6	
1/4	2,001.88	1/4	1,658.64	1/4	1,315.40	1/4	972.41	1/4	629.42	1/4	286.19	1/4		1/4		1/4		1/4	
1/2	1,994.72	1/2	1,651.49	1/2	1,308.25	1/2	965.27	1/2	622.27	1/2	279.04	1/2		1/2		1/2		1/2	
3/4	1,987.57	3/4	1,644.34	3/4	1,301.10	3/4	958.13	3/4	615.12	3/4	271.89	3/4		3/4		3/4		3/4	
7	1,980.42	7	1,637.18	7	1,293.95	7	951.00	7	607.97	7	264.74	7		7		7		7	
1/4	1,973.27	1/4	1,630.03	1/4	1,286.80	1/4	943.86	1/4	600.82	1/4	257.59	1/4		1/4		1/4		1/4	
1/2	1,966.12	1/2	1,622.88	1/2	1,279.64	1/2	936.72	1/2	593.67	1/2	250.44	1/2		1/2		1/2		1/2	
3/4	1,958.97	3/4	1,615.73	3/4	1,272.49	3/4	929.59	3/4	586.52	3/4	243.29	3/4		3/4		3/4		3/4	
8	1,951.82	8	1,608.58	8	1,265.34	8	922.45	8	579.37	8	236.14	8		8		8		8	
1/4	1,944.67	1/4	1,601.43	1/4	1,258.19	1/4	915.31	1/4	572.22	1/4	228.99	1/4		1/4		1/4		1/4	
1/2	1,937.52	1/2	1,594.28	1/2	1,251.04	1/2	908.18	1/2	565.07	1/2	221.84	1/2		1/2		1/2		1/2	
3/4	1,930.37	3/4	1,587.13	3/4	1,243.89	3/4	901.04	3/4	557.92	3/4	214.69	3/4		3/4		3/4		3/4	
9	1,923.22	9	1,579.98	9	1,236.74	9	893.90	9	550.77	9	207.54	9		9		9		9	
1/4	1,916.07	1/4	1,572.83	1/4	1,229.59	1/4	886.77	1/4	543.62	1/4	200.39	1/4		1/4		1/4		1/4	
1/2	1,908.92	1/2	1,565.68	1/2	1,222.44	1/2	879.63	1/2	536.47	1/2	193.24	1/2		1/2		1/2		1/2	
3/4	1,901.76	3/4	1,558.53	3/4	1,215.29	3/4	872.50	3/4	529.32	3/4	186.09	3/4		3/4		3/4		3/4	
10	1,894.61	10	1,551.38	10	1,208.14	10	865.36	10	522.16	10	178.94	10		10		10		10	
1/4	1,887.46	1/4	1,544.22	1/4	1,200.99	1/4	858.22	1/4	515.01	1/4	171.79	1/4		1/4		1/4		1/4	
1/2	1,880.31	1/2	1,537.07	1/2	1,193.84	1/2	851.08	1/2	507.86	1/2	164.63	1/2		1/2		1/2		1/2	
3/4	1,873.16	3/4	1,529.92	3/4	1,186.68	3/4	843.93	3/4	500.71	3/4	157.48	3/4		3/4		3/4		3/4	
11	1,866.01	11	1,522.77	11	1,179.53	11	836.79	11	493.56	11	150.33	11		11		11		11	
1/4	1,858.86	1/4	1,515.62	1/4	1,172.38	1/4	829.64	1/4	486.41	1/4	143.18	1/4		1/4		1/4		1/4	
1/2	1,851.71	1/2	1,508.47	1/2	1,165.23	1/2	822.49	1/2	479.26	1/2	136.03	1/2		1/2		1/2		1/2	
3/4	1,844.56	3/4	1,501.32	3/4	1,158.08	3/4	815.34	3/4	472.11	3/4	128.88	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
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