



BARGE "MMI 3033"

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 237'-00"

July 11, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MMI 3033"

1 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 16'-11"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	5,047.59	0	4,680.97	0	4,314.34	0	3,947.72	0	3,581.10	0	3,214.47	0	2,847.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,039.95	1/4	4,673.33	1/4	4,306.70	1/4	3,940.08	1/4	3,573.46	1/4	3,206.83	1/4	2,840.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,032.32	1/2	4,665.70	1/2	4,299.07	1/2	3,932.45	1/2	3,565.82	1/2	3,199.20	1/2	2,832.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,024.68	3/4	4,658.06	3/4	4,291.43	3/4	3,924.81	3/4	3,558.18	3/4	3,191.56	3/4	2,824.94
1		1		1		1	5,017.04	1	4,650.42	1	4,283.79	1	3,917.17	1	3,550.54	1	3,183.92	1	2,817.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,009.40	1/4	4,642.78	1/4	4,276.15	1/4	3,909.53	1/4	3,542.90	1/4	3,176.28	1/4	2,809.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,001.77	1/2	4,635.14	1/2	4,268.52	1/2	3,901.90	1/2	3,535.27	1/2	3,168.65	1/2	2,802.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,994.13	3/4	4,627.50	3/4	4,260.88	3/4	3,894.26	3/4	3,527.63	3/4	3,161.01	3/4	2,794.38
2		2		2		2	4,986.49	2	4,619.86	2	4,253.24	2	3,886.62	2	3,519.99	2	3,153.37	2	2,786.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,978.85	1/4	4,612.22	1/4	4,245.60	1/4	3,878.98	1/4	3,512.35	1/4	3,145.73	1/4	2,779.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,971.22	1/2	4,604.59	1/2	4,237.97	1/2	3,871.34	1/2	3,504.72	1/2	3,138.10	1/2	2,771.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,963.58	3/4	4,596.95	3/4	4,230.33	3/4	3,863.70	3/4	3,497.08	3/4	3,130.46	3/4	2,763.83
3		3		3		3	4,955.94	3	4,589.31	3	4,222.69	3	3,856.06	3	3,489.44	3	3,122.82	3	2,756.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,948.30	1/4	4,581.67	1/4	4,215.05	1/4	3,848.42	1/4	3,481.80	1/4	3,115.18	1/4	2,748.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,940.66	1/2	4,574.04	1/2	4,207.42	1/2	3,840.79	1/2	3,474.17	1/2	3,107.54	1/2	2,740.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,933.02	3/4	4,566.40	3/4	4,199.78	3/4	3,833.15	3/4	3,466.53	3/4	3,099.90	3/4	2,733.28
4		4		4		4	4,925.38	4	4,558.76	4	4,192.14	4	3,825.51	4	3,458.89	4	3,092.26	4	2,725.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,917.74	1/4	4,551.12	1/4	4,184.50	1/4	3,817.87	1/4	3,451.25	1/4	3,084.62	1/4	2,718.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,910.11	1/2	4,543.49	1/2	4,176.86	1/2	3,810.24	1/2	3,443.62	1/2	3,076.99	1/2	2,710.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,902.47	3/4	4,535.85	3/4	4,169.22	3/4	3,802.60	3/4	3,435.98	3/4	3,069.35	3/4	2,702.73
5		5	5,177.34	5	4,894.83	5	4,528.21	5	4,161.58	5	3,794.96	5	3,428.34	5	3,061.71	5	2,695.09		
1/4	1/4	1/4	5,176.48	1/4	4,887.19	1/4	4,520.57	1/4	4,153.94	1/4	3,787.32	1/4	3,420.70	1/4	3,054.07	1/4	2,687.45		
1/2	1/2	1/2	5,175.62	1/2	4,879.56	1/2	4,512.94	1/2	4,146.31	1/2	3,779.69	1/2	3,413.06	1/2	3,046.44	1/2	2,679.82		
3/4	3/4	3/4	5,174.76	3/4	4,871.92	3/4	4,505.30	3/4	4,138.67	3/4	3,772.05	3/4	3,405.42	3/4	3,038.80	3/4	2,672.18		
6		6	5,173.90	6	4,864.28	6	4,497.66	6	4,131.03	6	3,764.41	6	3,397.78	6	3,031.16	6	2,664.54		
1/4	1/4	1/4	5,171.82	1/4	4,856.64	1/4	4,490.02	1/4	4,123.39	1/4	3,756.77	1/4	3,390.14	1/4	3,023.52	1/4	2,656.90		
1/2	1/2	1/2	5,169.74	1/2	4,849.01	1/2	4,482.38	1/2	4,115.76	1/2	3,749.14	1/2	3,382.51	1/2	3,015.89	1/2	2,649.26		
3/4	3/4	3/4	5,167.66	3/4	4,841.37	3/4	4,474.74	3/4	4,108.12	3/4	3,741.50	3/4	3,374.87	3/4	3,008.25	3/4	2,641.62		
7		7	5,165.58	7	4,833.73	7	4,467.10	7	4,100.48	7	3,733.86	7	3,367.23	7	3,000.61	7	2,633.98		
1/4	1/4	1/4	5,162.11	1/4	4,826.09	1/4	4,459.46	1/4	4,092.84	1/4	3,726.22	1/4	3,359.59	1/4	2,992.97	1/4	2,626.34		
1/2	1/2	1/2	5,158.65	1/2	4,818.46	1/2	4,451.83	1/2	4,085.21	1/2	3,718.58	1/2	3,351.96	1/2	2,985.34	1/2	2,618.71		
3/4	3/4	3/4	5,155.18	3/4	4,810.82	3/4	4,444.19	3/4	4,077.57	3/4	3,710.94	3/4	3,344.32	3/4	2,977.70	3/4	2,611.07		
8		8	5,151.71	8	4,803.18	8	4,436.55	8	4,069.93	8	3,703.30	8	3,336.68	8	2,970.06	8	2,603.43		
1/4	1/4	1/4	5,146.85	1/4	4,795.54	1/4	4,428.91	1/4	4,062.29	1/4	3,695.66	1/4	3,329.04	1/4	2,962.42	1/4	2,595.79		
1/2	1/2	1/2	5,142.00	1/2	4,787.90	1/2	4,421.28	1/2	4,054.66	1/2	3,688.03	1/2	3,321.41	1/2	2,954.78	1/2	2,588.16		
3/4	3/4	3/4	5,137.14	3/4	4,780.26	3/4	4,413.64	3/4	4,047.02	3/4	3,680.39	3/4	3,313.77	3/4	2,947.14	3/4	2,580.52		
9		9	5,132.28	9	4,772.62	9	4,406.00	9	4,039.38	9	3,672.75	9	3,306.13	9	2,939.50	9	2,572.88		
1/4	1/4	1/4	5,126.04	1/4	4,764.98	1/4	4,398.36	1/4	4,031.74	1/4	3,665.11	1/4	3,298.49	1/4	2,931.86	1/4	2,565.24		
1/2	1/2	1/2	5,119.79	1/2	4,757.35	1/2	4,390.73	1/2	4,024.10	1/2	3,657.48	1/2	3,290.86	1/2	2,924.23	1/2	2,557.61		
3/4	3/4	3/4	5,113.55	3/4	4,749.71	3/4	4,383.09	3/4	4,016.46	3/4	3,649.84	3/4	3,283.22	3/4	2,916.59	3/4	2,549.97		
10		10	5,107.30	10	4,742.07	10	4,375.45	10	4,008.82	10	3,642.20	10	3,275.58	10	2,908.95	10	2,542.33		
1/4	1/4	1/4	5,100.01	1/4	4,734.43	1/4	4,367.81	1/4	4,001.18	1/4	3,634.56	1/4	3,267.94	1/4	2,901.31	1/4	2,534.69		
1/2	1/2	1/2	5,092.72	1/2	4,726.80	1/2	4,360.18	1/2	3,993.55	1/2	3,626.93	1/2	3,260.30	1/2	2,893.68	1/2	2,527.06		
3/4	3/4	3/4	5,085.43	3/4	4,719.16	3/4	4,352.54	3/4	3,985.91	3/4	3,619.29	3/4	3,252.66	3/4	2,886.04	3/4	2,519.42		
11		11	5,078.14	11	4,711.52	11	4,344.90	11	3,978.27	11	3,611.65	11	3,245.02	11	2,878.40	11	2,511.78		
1/4	1/4	1/4	5,070.50	1/4	4,703.88	1/4	4,337.26	1/4	3,970.63	1/4	3,604.01	1/4	3,237.38	1/4	2,870.76	1/4	2,504.14		
1/2	1/2	1/2	5,062.87	1/2	4,696.25	1/2	4,329.62	1/2	3,963.00	1/2	3,596.38	1/2	3,229.75	1/2	2,863.13	1/2	2,496.50		
3/4	3/4	3/4	5,055.23	3/4	4,688.61	3/4	4,321.98	3/4	3,955.36	3/4	3,588.74	3/4	3,222.11	3/4	2,855.49	3/4	2,488.86		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "MMI 3033"

1 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 16'-11"

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	2,481.22	0	2,114.60	0	1,747.98	0	1,381.35	0	1,014.73	0	648.10	0	288.64	0		0		0	
1/4	2,473.58	1/4	2,106.96	1/4	1,740.34	1/4	1,373.71	1/4	1,007.09	1/4	640.46	1/4	281.46	1/4	1/4	1/4		1/4	1/4
1/2	2,465.95	1/2	2,099.33	1/2	1,732.70	1/2	1,366.08	1/2	999.46	1/2	632.83	1/2	274.28	1/2	1/2	1/2		1/2	1/2
3/4	2,458.31	3/4	2,091.69	3/4	1,725.06	3/4	1,358.44	3/4	991.82	3/4	625.19	3/4	267.09	3/4	3/4	3/4		3/4	3/4
1	2,450.67	1	2,084.05	1	1,717.42	1	1,350.80	1	984.18	1	617.55	1	259.91	1	1	1		1	1
1/4	2,443.03	1/4	2,076.41	1/4	1,709.78	1/4	1,343.16	1/4	976.54	1/4	609.91	1/4	252.94	1/4	1/4	1/4		1/4	1/4
1/2	2,435.40	1/2	2,068.78	1/2	1,702.15	1/2	1,335.53	1/2	968.90	1/2	602.28	1/2	245.97	1/2	1/2	1/2		1/2	1/2
3/4	2,427.76	3/4	2,061.14	3/4	1,694.51	3/4	1,327.89	3/4	961.26	3/4	594.64	3/4	239.00	3/4	3/4	3/4		3/4	3/4
2	2,420.12	2	2,053.50	2	1,686.87	2	1,320.25	2	953.62	2	587.00	2	232.03	2	2	2		2	2
1/4	2,412.48	1/4	2,045.86	1/4	1,679.23	1/4	1,312.61	1/4	945.98	1/4	579.36	1/4	225.06	1/4	1/4	1/4		1/4	1/4
1/2	2,404.85	1/2	2,038.22	1/2	1,671.60	1/2	1,304.98	1/2	938.35	1/2	571.73	1/2	218.09	1/2	1/2	1/2		1/2	1/2
3/4	2,397.21	3/4	2,030.58	3/4	1,663.96	3/4	1,297.34	3/4	930.71	3/4	564.09	3/4	211.12	3/4	3/4	3/4		3/4	3/4
3	2,389.57	3	2,022.94	3	1,656.32	3	1,289.70	3	923.07	3	556.45	3	204.15	3	3	3		3	3
1/4	2,381.93	1/4	2,015.30	1/4	1,648.68	1/4	1,282.06	1/4	915.43	1/4	548.81	1/4	197.18	1/4	1/4	1/4		1/4	1/4
1/2	2,374.30	1/2	2,007.67	1/2	1,641.05	1/2	1,274.42	1/2	907.80	1/2	541.18	1/2	190.21	1/2	1/2	1/2		1/2	1/2
3/4	2,366.66	3/4	2,000.03	3/4	1,633.41	3/4	1,266.78	3/4	900.16	3/4	533.54	3/4	183.24	3/4	3/4	3/4		3/4	3/4
4	2,359.02	4	1,992.39	4	1,625.77	4	1,259.14	4	892.52	4	525.90	4	176.27	4	4	4		4	4
1/4	2,351.38	1/4	1,984.75	1/4	1,618.13	1/4	1,251.50	1/4	884.88	1/4	518.26	1/4	169.51	1/4	1/4	1/4		1/4	1/4
1/2	2,343.74	1/2	1,977.12	1/2	1,610.50	1/2	1,243.87	1/2	877.25	1/2	510.62	1/2	162.75	1/2	1/2	1/2		1/2	1/2
3/4	2,336.10	3/4	1,969.48	3/4	1,602.86	3/4	1,236.23	3/4	869.61	3/4	502.98	3/4	155.99	3/4	3/4	3/4		3/4	3/4
5	2,328.46	5	1,961.84	5	1,595.22	5	1,228.59	5	861.97	5	495.34	5	149.23	5	5	5		5	5
1/4	2,320.82	1/4	1,954.20	1/4	1,587.58	1/4	1,220.95	1/4	854.33	1/4	487.77	1/4	142.47	1/4	1/4	1/4		1/4	1/4
1/2	2,313.19	1/2	1,946.57	1/2	1,579.94	1/2	1,213.32	1/2	846.70	1/2	480.21	1/2	135.71	1/2	1/2	1/2		1/2	1/2
3/4	2,305.55	3/4	1,938.93	3/4	1,572.30	3/4	1,205.68	3/4	839.06	3/4	472.64	3/4	128.95	3/4	3/4	3/4		3/4	3/4
6	2,297.91	6	1,931.29	6	1,564.66	6	1,198.04	6	831.42	6	465.07	6	122.19	6	6	6		6	6
1/4	2,290.27	1/4	1,923.65	1/4	1,557.02	1/4	1,190.40	1/4	823.78	1/4	457.50	1/4	115.71	1/4	1/4	1/4		1/4	1/4
1/2	2,282.64	1/2	1,916.02	1/2	1,549.39	1/2	1,182.77	1/2	816.14	1/2	449.94	1/2	109.23	1/2	1/2	1/2		1/2	1/2
3/4	2,275.00	3/4	1,908.38	3/4	1,541.75	3/4	1,175.13	3/4	808.50	3/4	442.37	3/4	102.75	3/4	3/4	3/4		3/4	3/4
7	2,267.36	7	1,900.74	7	1,534.11	7	1,167.49	7	800.86	7	434.80	7	96.27	7	7	7		7	7
1/4	2,259.72	1/4	1,893.10	1/4	1,526.47	1/4	1,159.85	1/4	793.22	1/4	427.41	1/4	90.00	1/4	1/4	1/4		1/4	1/4
1/2	2,252.09	1/2	1,885.46	1/2	1,518.84	1/2	1,152.22	1/2	785.59	1/2	420.02	1/2	83.73	1/2	1/2	1/2		1/2	1/2
3/4	2,244.45	3/4	1,877.82	3/4	1,511.20	3/4	1,144.58	3/4	777.95	3/4	412.62	3/4	77.46	3/4	3/4	3/4		3/4	3/4
8	2,236.81	8	1,870.18	8	1,503.56	8	1,136.94	8	770.31	8	405.23	8	71.19	8	8	8		8	8
1/4	2,229.17	1/4	1,862.54	1/4	1,495.92	1/4	1,129.30	1/4	762.67	1/4	397.84	1/4	65.09	1/4	1/4	1/4		1/4	1/4
1/2	2,221.54	1/2	1,854.91	1/2	1,488.29	1/2	1,121.66	1/2	755.04	1/2	390.45	1/2	58.99	1/2	1/2	1/2		1/2	1/2
3/4	2,213.90	3/4	1,847.27	3/4	1,480.65	3/4	1,114.02	3/4	747.40	3/4	383.05	3/4	52.88	3/4	3/4	3/4		3/4	3/4
9	2,206.26	9	1,839.63	9	1,473.01	9	1,106.38	9	739.76	9	375.66	9	46.78	9	9	9		9	9
1/4	2,198.62	1/4	1,831.99	1/4	1,465.37	1/4	1,098.74	1/4	732.12	1/4	368.27	1/4	41.85	1/4	1/4	1/4		1/4	1/4
1/2	2,190.98	1/2	1,824.36	1/2	1,457.74	1/2	1,091.11	1/2	724.49	1/2	360.88	1/2	36.92	1/2	1/2	1/2		1/2	1/2
3/4	2,183.34	3/4	1,816.72	3/4	1,450.10	3/4	1,083.47	3/4	716.85	3/4	353.49	3/4	31.99	3/4	3/4	3/4		3/4	3/4
10	2,175.70	10	1,809.08	10	1,442.46	10	1,075.83	10	709.21	10	346.10	10	27.06	10	10	10		10	10
1/4	2,168.06	1/4	1,801.44	1/4	1,434.82	1/4	1,068.19	1/4	701.57	1/4	338.92	1/4	23.68	1/4	1/4	1/4		1/4	1/4
1/2	2,160.43	1/2	1,793.81	1/2	1,427.18	1/2	1,060.56	1/2	693.94	1/2	331.74	1/2	20.31	1/2	1/2	1/2		1/2	1/2
3/4	2,152.79	3/4	1,786.17	3/4	1,419.54	3/4	1,052.92	3/4	686.30	3/4	324.55	3/4	16.93	3/4	3/4	3/4		3/4	3/4
11	2,145.15	11	1,778.53	11	1,411.90	11	1,045.28	11	678.66	11	317.37	11	13.55	11	11	11		11	11
1/4	2,137.51	1/4	1,770.89	1/4	1,404.26	1/4	1,037.64	1/4	671.02	1/4	310.19	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,129.88	1/2	1,763.26	1/2	1,396.63	1/2	1,030.01	1/2	663.38	1/2	303.01	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,122.24	3/4	1,755.62	3/4	1,388.99	3/4	1,022.37	3/4	655.74	3/4	295.82	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/2003 INSP.
RECOMPUTED: 07/11/2023 JS
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "MMI 3033"

1 STBD ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	5,055.23	0	4,688.61	0	4,321.98	0	3,955.36	0	3,588.74	0	3,222.11	0	2,855.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,047.59	1/4	4,680.97	1/4	4,314.34	1/4	3,947.72	1/4	3,581.10	1/4	3,214.47	1/4	2,847.85
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,039.95	1/2	4,673.33	1/2	4,306.70	1/2	3,940.08	1/2	3,573.46	1/2	3,206.83	1/2	2,840.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,032.32	3/4	4,665.70	3/4	4,299.07	3/4	3,932.45	3/4	3,565.82	3/4	3,199.20	3/4	2,832.58
1		1		1		1	5,024.68	1	4,658.06	1	4,291.43	1	3,924.81	1	3,558.18	1	3,191.56	1	2,824.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,017.04	1/4	4,650.42	1/4	4,283.79	1/4	3,917.17	1/4	3,550.54	1/4	3,183.92	1/4	2,817.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,009.40	1/2	4,642.78	1/2	4,276.15	1/2	3,909.53	1/2	3,542.90	1/2	3,176.28	1/2	2,809.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,001.77	3/4	4,635.14	3/4	4,268.52	3/4	3,901.90	3/4	3,535.27	3/4	3,168.65	3/4	2,802.02
2		2		2		2	4,994.13	2	4,627.50	2	4,260.88	2	3,894.26	2	3,527.63	2	3,161.01	2	2,794.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,986.49	1/4	4,619.86	1/4	4,253.24	1/4	3,886.62	1/4	3,519.99	1/4	3,153.37	1/4	2,786.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,978.85	1/2	4,612.22	1/2	4,245.60	1/2	3,878.98	1/2	3,512.35	1/2	3,145.73	1/2	2,779.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,971.22	3/4	4,604.59	3/4	4,237.97	3/4	3,871.34	3/4	3,504.72	3/4	3,138.10	3/4	2,771.47
3		3		3		3	4,963.58	3	4,596.95	3	4,230.33	3	3,863.70	3	3,497.08	3	3,130.46	3	2,763.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,955.94	1/4	4,589.31	1/4	4,222.69	1/4	3,856.06	1/4	3,489.44	1/4	3,122.82	1/4	2,756.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,948.30	1/2	4,581.67	1/2	4,215.05	1/2	3,848.42	1/2	3,481.80	1/2	3,115.18	1/2	2,748.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,940.66	3/4	4,574.04	3/4	4,207.42	3/4	3,840.79	3/4	3,474.17	3/4	3,107.54	3/4	2,740.92
4		4		4		4	4,933.02	4	4,566.40	4	4,199.78	4	3,833.15	4	3,466.53	4	3,099.90	4	2,733.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,925.38	1/4	4,558.76	1/4	4,192.14	1/4	3,825.51	1/4	3,458.89	1/4	3,092.26	1/4	2,725.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,917.74	1/2	4,551.12	1/2	4,184.50	1/2	3,817.87	1/2	3,451.25	1/2	3,084.62	1/2	2,718.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,910.11	3/4	4,543.49	3/4	4,176.86	3/4	3,810.24	3/4	3,443.62	3/4	3,076.99	3/4	2,710.37
5		5		5		5	4,902.47	5	4,535.85	5	4,169.22	5	3,802.60	5	3,435.98	5	3,069.35	5	2,702.73
1/4	1/4	1/4	5,177.34	1/4	4,894.83	1/4	4,528.21	1/4	4,161.58	1/4	3,794.96	1/4	3,428.34	1/4	3,061.71	1/4	2,695.09		
1/2	1/2	1/2	5,176.48	1/2	4,887.19	1/2	4,520.57	1/2	4,153.94	1/2	3,787.32	1/2	3,420.70	1/2	3,054.07	1/2	2,687.45		
3/4	3/4	3/4	5,175.62	3/4	4,879.56	3/4	4,512.94	3/4	4,146.31	3/4	3,779.69	3/4	3,413.06	3/4	3,046.44	3/4	2,679.82		
6		6	5,174.76	6	4,871.92	6	4,505.30	6	4,138.67	6	3,772.05	6	3,405.42	6	3,038.80	6	2,672.18		
1/4	1/4	1/4	5,173.90	1/4	4,864.28	1/4	4,497.66	1/4	4,131.03	1/4	3,764.41	1/4	3,397.78	1/4	3,031.16	1/4	2,664.54		
1/2	1/2	1/2	5,171.82	1/2	4,856.64	1/2	4,490.02	1/2	4,123.39	1/2	3,756.77	1/2	3,390.14	1/2	3,023.52	1/2	2,656.90		
3/4	3/4	3/4	5,169.74	3/4	4,849.01	3/4	4,482.38	3/4	4,115.76	3/4	3,749.14	3/4	3,382.51	3/4	3,015.89	3/4	2,649.26		
7		7	5,167.66	7	4,841.37	7	4,474.74	7	4,108.12	7	3,741.50	7	3,374.87	7	3,008.25	7	2,641.62		
1/4	1/4	1/4	5,165.58	1/4	4,833.73	1/4	4,467.10	1/4	4,100.48	1/4	3,733.86	1/4	3,367.23	1/4	3,000.61	1/4	2,633.98		
1/2	1/2	1/2	5,162.11	1/2	4,826.09	1/2	4,459.46	1/2	4,092.84	1/2	3,726.22	1/2	3,359.59	1/2	2,992.97	1/2	2,626.34		
3/4	3/4	3/4	5,158.65	3/4	4,818.46	3/4	4,451.83	3/4	4,085.21	3/4	3,718.58	3/4	3,351.96	3/4	2,985.34	3/4	2,618.71		
8		8	5,155.18	8	4,810.82	8	4,444.19	8	4,077.57	8	3,710.94	8	3,344.32	8	2,977.70	8	2,611.07		
1/4	1/4	1/4	5,151.71	1/4	4,803.18	1/4	4,436.55	1/4	4,069.93	1/4	3,703.30	1/4	3,336.68	1/4	2,970.06	1/4	2,603.43		
1/2	1/2	1/2	5,146.85	1/2	4,795.54	1/2	4,428.91	1/2	4,062.29	1/2	3,695.66	1/2	3,329.04	1/2	2,962.42	1/2	2,595.79		
3/4	3/4	3/4	5,142.00	3/4	4,787.90	3/4	4,421.28	3/4	4,054.66	3/4	3,688.03	3/4	3,321.41	3/4	2,954.78	3/4	2,588.16		
9		9	5,137.14	9	4,780.26	9	4,413.64	9	4,047.02	9	3,680.39	9	3,313.77	9	2,947.14	9	2,580.52		
1/4	1/4	1/4	5,132.28	1/4	4,772.62	1/4	4,406.00	1/4	4,039.38	1/4	3,672.75	1/4	3,306.13	1/4	2,939.50	1/4	2,572.88		
1/2	1/2	1/2	5,126.04	1/2	4,764.98	1/2	4,398.36	1/2	4,031.74	1/2	3,665.11	1/2	3,298.49	1/2	2,931.86	1/2	2,565.24		
3/4	3/4	3/4	5,119.79	3/4	4,757.35	3/4	4,390.73	3/4	4,024.10	3/4	3,657.48	3/4	3,290.86	3/4	2,924.23	3/4	2,557.61		
10		10	5,113.55	10	4,749.71	10	4,383.09	10	4,016.46	10	3,649.84	10	3,283.22	10	2,916.59	10	2,549.97		
1/4	1/4	1/4	5,107.30	1/4	4,742.07	1/4	4,375.45	1/4	4,008.82	1/4	3,642.20	1/4	3,275.58	1/4	2,908.95	1/4	2,542.33		
1/2	1/2	1/2	5,100.01	1/2	4,734.43	1/2	4,367.81	1/2	4,001.18	1/2	3,634.56	1/2	3,267.94	1/2	2,901.31	1/2	2,534.69		
3/4	3/4	3/4	5,092.72	3/4	4,726.80	3/4	4,360.18	3/4	3,993.55	3/4	3,626.93	3/4	3,260.30	3/4	2,893.68	3/4	2,527.06		
11		11	5,085.43	11	4,719.16	11	4,352.54	11	3,985.91	11	3,619.29	11	3,252.66	11	2,886.04	11	2,519.42		
1/4	1/4	1/4	5,078.14	1/4	4,711.52	1/4	4,344.90	1/4	3,978.27	1/4	3,611.65	1/4	3,245.02	1/4	2,878.40	1/4	2,511.78		
1/2	1/2	1/2	5,070.50	1/2	4,703.88	1/2	4,337.26	1/2	3,970.63	1/2	3,604.01	1/2	3,237.38	1/2	2,870.76	1/2	2,504.14		
3/4	3/4	3/4	5,062.87	3/4	4,696.25	3/4	4,329.62	3/4	3,963.00	3/4	3,596.38	3/4	3,229.75	3/4	2,863.13	3/4	2,496.50		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "MMI 3033"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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	2,488.86	0	2,122.24	0	1,755.62	0	1,388.99	0	1,022.37	0	655.74	0	295.82	0		0		0	
1/4	2,481.22	1/4	2,114.60	1/4	1,747.98	1/4	1,381.35	1/4	1,014.73	1/4	648.10	1/4	288.64	1/4	1/4		1/4		1/4
1/2	2,473.58	1/2	2,106.96	1/2	1,740.34	1/2	1,373.71	1/2	1,007.09	1/2	640.46	1/2	281.46	1/2	1/2		1/2		1/2
3/4	2,465.95	3/4	2,099.33	3/4	1,732.70	3/4	1,366.08	3/4	999.46	3/4	632.83	3/4	274.28	3/4	3/4		3/4		3/4
1	2,458.31	1	2,091.69	1	1,725.06	1	1,358.44	1	991.82	1	625.19	1	267.09	1	1		1		1
1/4	2,450.67	1/4	2,084.05	1/4	1,717.42	1/4	1,350.80	1/4	984.18	1/4	617.55	1/4	259.91	1/4	1/4		1/4		1/4
1/2	2,443.03	1/2	2,076.41	1/2	1,709.78	1/2	1,343.16	1/2	976.54	1/2	609.91	1/2	252.94	1/2	1/2		1/2		1/2
3/4	2,435.40	3/4	2,068.78	3/4	1,702.15	3/4	1,335.53	3/4	968.90	3/4	602.28	3/4	245.97	3/4	3/4		3/4		3/4
2	2,427.76	2	2,061.14	2	1,694.51	2	1,327.89	2	961.26	2	594.64	2	239.00	2	2		2		2
1/4	2,420.12	1/4	2,053.50	1/4	1,686.87	1/4	1,320.25	1/4	953.62	1/4	587.00	1/4	232.03	1/4	1/4		1/4		1/4
1/2	2,412.48	1/2	2,045.86	1/2	1,679.23	1/2	1,312.61	1/2	945.98	1/2	579.36	1/2	225.06	1/2	1/2		1/2		1/2
3/4	2,404.85	3/4	2,038.22	3/4	1,671.60	3/4	1,304.98	3/4	938.35	3/4	571.73	3/4	218.09	3/4	3/4		3/4		3/4
3	2,397.21	3	2,030.58	3	1,663.96	3	1,297.34	3	930.71	3	564.09	3	211.12	3	3		3		3
1/4	2,389.57	1/4	2,022.94	1/4	1,656.32	1/4	1,289.70	1/4	923.07	1/4	556.45	1/4	204.15	1/4	1/4		1/4		1/4
1/2	2,381.93	1/2	2,015.30	1/2	1,648.68	1/2	1,282.06	1/2	915.43	1/2	548.81	1/2	197.18	1/2	1/2		1/2		1/2
3/4	2,374.30	3/4	2,007.67	3/4	1,641.05	3/4	1,274.42	3/4	907.80	3/4	541.18	3/4	190.21	3/4	3/4		3/4		3/4
4	2,366.66	4	2,000.03	4	1,633.41	4	1,266.78	4	900.16	4	533.54	4	183.24	4	4		4		4
1/4	2,359.02	1/4	1,992.39	1/4	1,625.77	1/4	1,259.14	1/4	892.52	1/4	525.90	1/4	176.27	1/4	1/4		1/4		1/4
1/2	2,351.38	1/2	1,984.75	1/2	1,618.13	1/2	1,251.50	1/2	884.88	1/2	518.26	1/2	169.51	1/2	1/2		1/2		1/2
3/4	2,343.74	3/4	1,977.12	3/4	1,610.50	3/4	1,243.87	3/4	877.25	3/4	510.62	3/4	162.75	3/4	3/4		3/4		3/4
5	2,336.10	5	1,969.48	5	1,602.86	5	1,236.23	5	869.61	5	502.98	5	155.99	5	5		5		5
1/4	2,328.46	1/4	1,961.84	1/4	1,595.22	1/4	1,228.59	1/4	861.97	1/4	495.34	1/4	149.23	1/4	1/4		1/4		1/4
1/2	2,320.82	1/2	1,954.20	1/2	1,587.58	1/2	1,220.95	1/2	854.33	1/2	487.77	1/2	142.47	1/2	1/2		1/2		1/2
3/4	2,313.19	3/4	1,946.57	3/4	1,579.94	3/4	1,213.32	3/4	846.70	3/4	480.21	3/4	135.71	3/4	3/4		3/4		3/4
6	2,305.55	6	1,938.93	6	1,572.30	6	1,205.68	6	839.06	6	472.64	6	128.95	6	6		6		6
1/4	2,297.91	1/4	1,931.29	1/4	1,564.66	1/4	1,198.04	1/4	831.42	1/4	465.07	1/4	122.19	1/4	1/4		1/4		1/4
1/2	2,290.27	1/2	1,923.65	1/2	1,557.02	1/2	1,190.40	1/2	823.78	1/2	457.50	1/2	115.71	1/2	1/2		1/2		1/2
3/4	2,282.64	3/4	1,916.02	3/4	1,549.39	3/4	1,182.77	3/4	816.14	3/4	449.94	3/4	109.23	3/4	3/4		3/4		3/4
7	2,275.00	7	1,908.38	7	1,541.75	7	1,175.13	7	808.50	7	442.37	7	102.75	7	7		7		7
1/4	2,267.36	1/4	1,900.74	1/4	1,534.11	1/4	1,167.49	1/4	800.86	1/4	434.80	1/4	96.27	1/4	1/4		1/4		1/4
1/2	2,259.72	1/2	1,893.10	1/2	1,526.47	1/2	1,159.85	1/2	793.22	1/2	427.41	1/2	90.00	1/2	1/2		1/2		1/2
3/4	2,252.09	3/4	1,885.46	3/4	1,518.84	3/4	1,152.22	3/4	785.59	3/4	420.02	3/4	83.73	3/4	3/4		3/4		3/4
8	2,244.45	8	1,877.82	8	1,511.20	8	1,144.58	8	777.95	8	412.62	8	77.46	8	8		8		8
1/4	2,236.81	1/4	1,870.18	1/4	1,503.56	1/4	1,136.94	1/4	770.31	1/4	405.23	1/4	71.19	1/4	1/4		1/4		1/4
1/2	2,229.17	1/2	1,862.54	1/2	1,495.92	1/2	1,129.30	1/2	762.67	1/2	397.84	1/2	65.09	1/2	1/2		1/2		1/2
3/4	2,221.54	3/4	1,854.91	3/4	1,488.29	3/4	1,121.66	3/4	755.04	3/4	390.45	3/4	58.99	3/4	3/4		3/4		3/4
9	2,213.90	9	1,847.27	9	1,480.65	9	1,114.02	9	747.40	9	383.05	9	52.88	9	9		9		9
1/4	2,206.26	1/4	1,839.63	1/4	1,473.01	1/4	1,106.38	1/4	739.76	1/4	375.66	1/4	46.78	1/4	1/4		1/4		1/4
1/2	2,198.62	1/2	1,831.99	1/2	1,465.37	1/2	1,098.74	1/2	732.12	1/2	368.27	1/2	41.85	1/2	1/2		1/2		1/2
3/4	2,190.98	3/4	1,824.36	3/4	1,457.74	3/4	1,091.11	3/4	724.49	3/4	360.88	3/4	36.92	3/4	3/4		3/4		3/4
10	2,183.34	10	1,816.72	10	1,450.10	10	1,083.47	10	716.85	10	353.49	10	31.99	10	10		10		10
1/4	2,175.70	1/4	1,809.08	1/4	1,442.46	1/4	1,075.83	1/4	709.21	1/4	346.10	1/4	27.06	1/4	1/4		1/4		1/4
1/2	2,168.06	1/2	1,801.44	1/2	1,434.82	1/2	1,068.19	1/2	701.57	1/2	338.92	1/2	23.68	1/2	1/2		1/2		1/2
3/4	2,160.43	3/4	1,793.81	3/4	1,427.18	3/4	1,060.56	3/4	693.94	3/4	331.74	3/4	20.31	3/4	3/4		3/4		3/4
11	2,152.79	11	1,786.17	11	1,419.54	11	1,052.92	11	686.30	11	324.55	11	16.93	11	11		11		11
1/4	2,145.15	1/4	1,778.53	1/4	1,411.90	1/4	1,045.28	1/4	678.66	1/4	317.37	1/4	13.55	1/4	1/4		1/4		1/4
1/2	2,137.51	1/2	1,770.89	1/2	1,404.26	1/2	1,037.64	1/2	671.02	1/2	310.19	1/2		1/2	1/2		1/2		1/2
3/4	2,129.88	3/4	1,763.26	3/4	1,396.63	3/4	1,030.01	3/4	663.38	3/4	303.01	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/2003 INSP.
RECOMPUTED: 07/11/2023 JS
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "MMI 3033"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	4,784.56	0	4,440.40	0	4,096.24	0	3,752.08	0	3,407.92	0	3,063.76	0	2,719.60	
1/4	1/4	1/4	1/4	1/4	1/4	4,777.39	1/4	4,433.23	1/4	4,089.07	1/4	3,744.91	1/4	3,400.75	1/4	3,056.59	1/4	2,712.43	
1/2	1/2	1/2	1/2	1/2	1/2	4,770.22	1/2	4,426.06	1/2	4,081.90	1/2	3,737.74	1/2	3,393.58	1/2	3,049.42	1/2	2,705.26	
3/4	3/4	3/4	3/4	3/4	3/4	4,763.05	3/4	4,418.89	3/4	4,074.73	3/4	3,730.57	3/4	3,386.41	3/4	3,042.25	3/4	2,698.09	
1	1	1	1	1	1	4,755.88	1	4,411.72	1	4,067.56	1	3,723.40	1	3,379.24	1	3,035.08	1	2,690.92	
1/4	1/4	1/4	1/4	1/4	1/4	4,748.71	1/4	4,404.55	1/4	4,060.39	1/4	3,716.23	1/4	3,372.07	1/4	3,027.91	1/4	2,683.75	
1/2	1/2	1/2	1/2	1/2	1/2	4,741.54	1/2	4,397.38	1/2	4,053.22	1/2	3,709.06	1/2	3,364.90	1/2	3,020.74	1/2	2,676.58	
3/4	3/4	3/4	3/4	3/4	3/4	4,734.37	3/4	4,390.21	3/4	4,046.05	3/4	3,701.89	3/4	3,357.73	3/4	3,013.57	3/4	2,669.41	
2	2	2	2	2	2	4,727.20	2	4,383.04	2	4,038.88	2	3,694.72	2	3,350.56	2	3,006.40	2	2,662.24	
1/4	1/4	1/4	1/4	1/4	1/4	4,720.03	1/4	4,375.87	1/4	4,031.71	1/4	3,687.55	1/4	3,343.39	1/4	2,999.23	1/4	2,655.07	
1/2	1/2	1/2	1/2	1/2	1/2	4,712.86	1/2	4,368.70	1/2	4,024.54	1/2	3,680.38	1/2	3,336.22	1/2	2,992.06	1/2	2,647.90	
3/4	3/4	3/4	3/4	3/4	3/4	4,705.69	3/4	4,361.53	3/4	4,017.37	3/4	3,673.21	3/4	3,329.05	3/4	2,984.89	3/4	2,640.73	
3	3	3	3	3	3	4,698.52	3	4,354.36	3	4,010.20	3	3,666.04	3	3,321.88	3	2,977.72	3	2,633.56	
1/4	1/4	1/4	1/4	1/4	1/4	4,691.35	1/4	4,347.19	1/4	4,003.03	1/4	3,658.87	1/4	3,314.71	1/4	2,970.55	1/4	2,626.39	
1/2	1/2	1/2	1/2	1/2	1/2	4,684.18	1/2	4,340.02	1/2	3,995.86	1/2	3,651.70	1/2	3,307.54	1/2	2,963.38	1/2	2,619.22	
3/4	3/4	3/4	3/4	3/4	3/4	4,677.01	3/4	4,332.85	3/4	3,988.69	3/4	3,644.53	3/4	3,300.37	3/4	2,956.21	3/4	2,612.05	
4	4	4	4	4	4	4,669.84	4	4,325.68	4	3,981.52	4	3,637.36	4	3,293.20	4	2,949.04	4	2,604.88	
1/4	1/4	1/4	1/4	1/4	1/4	4,662.67	1/4	4,318.51	1/4	3,974.35	1/4	3,630.19	1/4	3,286.03	1/4	2,941.87	1/4	2,597.71	
1/2	1/2	1/2	1/2	1/2	1/2	4,655.50	1/2	4,311.29	1/2	3,967.18	1/2	3,623.02	1/2	3,278.86	1/2	2,934.70	1/2	2,590.54	
3/4	3/4	3/4	3/4	3/4	3/4	4,648.33	3/4	4,304.07	3/4	3,960.01	3/4	3,615.85	3/4	3,271.69	3/4	2,927.53	3/4	2,583.37	
5	5	5	5	5	5	4,641.16	5	4,296.85	5	3,952.84	5	3,608.68	5	3,264.52	5	2,920.36	5	2,576.20	
1/4	1/4	1/4	1/4	4,899.18	1/4	4,633.99	1/4	4,289.63	1/4	3,945.67	1/4	3,601.51	1/4	3,257.35	1/4	2,913.19	1/4	2,569.03	
1/2	1/2	1/2	1/2	4,898.37	1/2	4,626.82	1/2	4,282.51	1/2	3,938.50	1/2	3,594.34	1/2	3,250.18	1/2	2,906.02	1/2	2,561.86	
3/4	3/4	3/4	3/4	4,897.56	3/4	4,619.65	3/4	4,275.39	3/4	3,931.33	3/4	3,587.17	3/4	3,243.01	3/4	2,898.85	3/4	2,554.69	
6	6	6	6	4,896.75	6	4,612.48	6	4,268.27	6	3,924.16	6	3,580.00	6	3,235.84	6	2,891.68	6	2,547.52	
1/4	1/4	1/4	1/4	4,895.94	1/4	4,605.31	1/4	4,261.15	1/4	3,916.99	1/4	3,572.83	1/4	3,228.67	1/4	2,884.51	1/4	2,540.35	
1/2	1/2	1/2	1/2	4,893.99	1/2	4,598.14	1/2	4,253.98	1/2	3,909.82	1/2	3,565.66	1/2	3,221.50	1/2	2,877.34	1/2	2,533.18	
3/4	3/4	3/4	3/4	4,892.04	3/4	4,590.97	3/4	4,246.81	3/4	3,902.65	3/4	3,558.49	3/4	3,214.33	3/4	2,870.17	3/4	2,526.01	
7	7	7	7	4,890.09	7	4,583.80	7	4,239.64	7	3,895.48	7	3,551.32	7	3,207.16	7	2,863.00	7	2,518.84	
1/4	1/4	1/4	1/4	4,888.14	1/4	4,576.63	1/4	4,232.47	1/4	3,888.31	1/4	3,544.15	1/4	3,199.99	1/4	2,855.83	1/4	2,511.67	
1/2	1/2	1/2	1/2	4,884.89	1/2	4,569.46	1/2	4,225.30	1/2	3,881.14	1/2	3,536.98	1/2	3,192.82	1/2	2,848.66	1/2	2,504.50	
3/4	3/4	3/4	3/4	4,881.63	3/4	4,562.29	3/4	4,218.13	3/4	3,873.97	3/4	3,529.81	3/4	3,185.65	3/4	2,841.49	3/4	2,497.33	
8	8	8	8	4,878.38	8	4,555.12	8	4,210.96	8	3,866.80	8	3,522.64	8	3,178.48	8	2,834.32	8	2,490.16	
1/4	1/4	1/4	1/4	4,875.12	1/4	4,547.95	1/4	4,203.79	1/4	3,859.63	1/4	3,515.47	1/4	3,171.31	1/4	2,827.15	1/4	2,482.99	
1/2	1/2	1/2	1/2	4,870.56	1/2	4,540.78	1/2	4,196.62	1/2	3,852.46	1/2	3,508.30	1/2	3,164.14	1/2	2,819.98	1/2	2,475.82	
3/4	3/4	3/4	3/4	4,866.01	3/4	4,533.61	3/4	4,189.45	3/4	3,845.29	3/4	3,501.13	3/4	3,156.97	3/4	2,812.81	3/4	2,468.65	
9	9	9	9	4,861.45	9	4,526.44	9	4,182.28	9	3,838.12	9	3,493.96	9	3,149.80	9	2,805.64	9	2,461.48	
1/4	1/4	1/4	1/4	4,858.89	1/4	4,519.27	1/4	4,175.11	1/4	3,830.95	1/4	3,486.79	1/4	3,142.63	1/4	2,798.47	1/4	2,454.31	
1/2	1/2	1/2	1/2	4,851.03	1/2	4,512.10	1/2	4,167.94	1/2	3,823.78	1/2	3,479.62	1/2	3,135.46	1/2	2,791.30	1/2	2,447.14	
3/4	3/4	3/4	3/4	4,845.17	3/4	4,504.93	3/4	4,160.77	3/4	3,816.61	3/4	3,472.45	3/4	3,128.29	3/4	2,784.13	3/4	2,439.97	
10	10	10	10	4,839.30	10	4,497.76	10	4,153.60	10	3,809.44	10	3,465.28	10	3,121.12	10	2,776.96	10	2,432.80	
1/4	1/4	1/4	1/4	4,833.44	1/4	4,490.59	1/4	4,146.43	1/4	3,802.27	1/4	3,458.11	1/4	3,113.95	1/4	2,769.79	1/4	2,425.63	
1/2	1/2	1/2	1/2	4,826.60	1/2	4,483.42	1/2	4,139.26	1/2	3,795.10	1/2	3,450.94	1/2	3,106.78	1/2	2,762.62	1/2	2,418.46	
3/4	3/4	3/4	3/4	4,819.76	3/4	4,476.25	3/4	4,132.09	3/4	3,787.93	3/4	3,443.77	3/4	3,099.61	3/4	2,755.45	3/4	2,411.29	
11	11	11	11	4,812.91	11	4,469.08	11	4,124.92	11	3,780.76	11	3,436.60	11	3,092.44	11	2,748.28	11	2,404.12	
1/4	1/4	1/4	1/4	4,806.07	1/4	4,461.91	1/4	4,117.75	1/4	3,773.59	1/4	3,429.43	1/4	3,085.27	1/4	2,741.11	1/4	2,396.95	
1/2	1/2	1/2	1/2	4,798.90	1/2	4,454.74	1/2	4,110.58	1/2	3,766.42	1/2	3,422.26	1/2	3,078.10	1/2	2,733.94	1/2	2,389.78	
3/4	3/4	3/4	3/4	4,791.73	3/4	4,447.57	3/4	4,103.41	3/4	3,759.25	3/4	3,415.09	3/4	3,070.93	3/4	2,726.77	3/4	2,382.61	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "MMI 3033"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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	2,375.44	0	2,031.28	0	1,687.12	0	1,342.96	0	998.80	0	654.64	0	310.48	0		0		0	
1/4	2,368.27	1/4	2,024.11	1/4	1,679.95	1/4	1,335.79	1/4	991.63	1/4	647.47	1/4	303.31	1/4	1/4		1/4		1/4
1/2	2,361.10	1/2	2,016.94	1/2	1,672.78	1/2	1,328.62	1/2	984.46	1/2	640.30	1/2	296.14	1/2	1/2		1/2		1/2
3/4	2,353.93	3/4	2,009.77	3/4	1,665.61	3/4	1,321.45	3/4	977.29	3/4	633.13	3/4	288.97	3/4	3/4		3/4		3/4
1	2,346.76	1	2,002.60	1	1,658.44	1	1,314.28	1	970.12	1	625.96	1	281.80	1	1		1		1
1/4	2,339.59	1/4	1,995.43	1/4	1,651.27	1/4	1,307.11	1/4	962.95	1/4	618.79	1/4	274.63	1/4	1/4		1/4		1/4
1/2	2,332.42	1/2	1,988.26	1/2	1,644.10	1/2	1,299.94	1/2	955.78	1/2	611.62	1/2	267.46	1/2	1/2		1/2		1/2
3/4	2,325.25	3/4	1,981.09	3/4	1,636.93	3/4	1,292.77	3/4	948.61	3/4	604.45	3/4	260.29	3/4	3/4		3/4		3/4
2	2,318.08	2	1,973.92	2	1,629.76	2	1,285.60	2	941.44	2	597.28	2	253.12	2	2		2		2
1/4	2,310.91	1/4	1,966.75	1/4	1,622.59	1/4	1,278.43	1/4	934.27	1/4	590.11	1/4	245.95	1/4	1/4		1/4		1/4
1/2	2,303.74	1/2	1,959.58	1/2	1,615.42	1/2	1,271.26	1/2	927.10	1/2	582.94	1/2	238.78	1/2	1/2		1/2		1/2
3/4	2,296.57	3/4	1,952.41	3/4	1,608.25	3/4	1,264.09	3/4	919.93	3/4	575.77	3/4	231.61	3/4	3/4		3/4		3/4
3	2,289.40	3	1,945.24	3	1,601.08	3	1,256.92	3	912.76	3	568.60	3	224.44	3	3		3		3
1/4	2,282.23	1/4	1,938.07	1/4	1,593.91	1/4	1,249.75	1/4	905.59	1/4	561.43	1/4	217.27	1/4	1/4		1/4		1/4
1/2	2,275.06	1/2	1,930.90	1/2	1,586.74	1/2	1,242.58	1/2	898.42	1/2	554.26	1/2	210.10	1/2	1/2		1/2		1/2
3/4	2,267.89	3/4	1,923.73	3/4	1,579.57	3/4	1,235.41	3/4	891.25	3/4	547.09	3/4	202.93	3/4	3/4		3/4		3/4
4	2,260.72	4	1,916.56	4	1,572.40	4	1,228.24	4	884.08	4	539.92	4	195.76	4	4		4		4
1/4	2,253.55	1/4	1,909.39	1/4	1,565.23	1/4	1,221.07	1/4	876.91	1/4	532.75	1/4	188.59	1/4	1/4		1/4		1/4
1/2	2,246.38	1/2	1,902.22	1/2	1,558.06	1/2	1,213.90	1/2	869.74	1/2	525.58	1/2	181.42	1/2	1/2		1/2		1/2
3/4	2,239.21	3/4	1,895.05	3/4	1,550.89	3/4	1,206.73	3/4	862.57	3/4	518.41	3/4	174.25	3/4	3/4		3/4		3/4
5	2,232.04	5	1,887.88	5	1,543.72	5	1,199.56	5	855.40	5	511.24	5	167.08	5	5		5		5
1/4	2,224.87	1/4	1,880.71	1/4	1,536.55	1/4	1,192.39	1/4	848.23	1/4	504.07	1/4	159.91	1/4	1/4		1/4		1/4
1/2	2,217.70	1/2	1,873.54	1/2	1,529.38	1/2	1,185.22	1/2	841.06	1/2	496.90	1/2	152.74	1/2	1/2		1/2		1/2
3/4	2,210.53	3/4	1,866.37	3/4	1,522.21	3/4	1,178.05	3/4	833.89	3/4	489.73	3/4	145.57	3/4	3/4		3/4		3/4
6	2,203.36	6	1,859.20	6	1,515.04	6	1,170.88	6	826.72	6	482.56	6	138.40	6	6		6		6
1/4	2,196.19	1/4	1,852.03	1/4	1,507.87	1/4	1,163.71	1/4	819.55	1/4	475.39	1/4	131.23	1/4	1/4		1/4		1/4
1/2	2,189.02	1/2	1,844.86	1/2	1,500.70	1/2	1,156.54	1/2	812.38	1/2	468.22	1/2	124.06	1/2	1/2		1/2		1/2
3/4	2,181.85	3/4	1,837.69	3/4	1,493.53	3/4	1,149.37	3/4	805.21	3/4	461.05	3/4	117.41	3/4	3/4		3/4		3/4
7	2,174.68	7	1,830.52	7	1,486.36	7	1,142.20	7	798.04	7	453.88	7	110.51	7	7		7		7
1/4	2,167.51	1/4	1,823.35	1/4	1,479.19	1/4	1,135.03	1/4	790.87	1/4	446.71	1/4	103.60	1/4	1/4		1/4		1/4
1/2	2,160.34	1/2	1,816.18	1/2	1,472.02	1/2	1,127.86	1/2	783.70	1/2	439.54	1/2	96.69	1/2	1/2		1/2		1/2
3/4	2,153.17	3/4	1,809.01	3/4	1,464.85	3/4	1,120.69	3/4	776.53	3/4	432.37	3/4	89.79	3/4	3/4		3/4		3/4
8	2,146.00	8	1,801.84	8	1,457.68	8	1,113.52	8	769.36	8	425.20	8	82.88	8	8		8		8
1/4	2,138.83	1/4	1,794.67	1/4	1,450.51	1/4	1,106.35	1/4	762.19	1/4	418.03	1/4	75.98	1/4	1/4		1/4		1/4
1/2	2,131.66	1/2	1,787.50	1/2	1,443.34	1/2	1,099.18	1/2	755.02	1/2	410.86	1/2	69.27	1/2	1/2		1/2		1/2
3/4	2,124.49	3/4	1,780.33	3/4	1,436.17	3/4	1,092.01	3/4	747.85	3/4	403.69	3/4	62.57	3/4	3/4		3/4		3/4
9	2,117.32	9	1,773.16	9	1,429.00	9	1,084.84	9	740.68	9	396.52	9	55.86	9	9		9		9
1/4	2,110.15	1/4	1,765.99	1/4	1,421.83	1/4	1,077.67	1/4	733.51	1/4	389.35	1/4	49.16	1/4	1/4		1/4		1/4
1/2	2,102.98	1/2	1,758.82	1/2	1,414.66	1/2	1,070.50	1/2	726.34	1/2	382.18	1/2	43.85	1/2	1/2		1/2		1/2
3/4	2,095.81	3/4	1,751.65	3/4	1,407.49	3/4	1,063.33	3/4	719.17	3/4	375.01	3/4	38.53	3/4	3/4		3/4		3/4
10	2,088.64	10	1,744.48	10	1,400.32	10	1,056.16	10	712.00	10	367.84	10	33.22	10	10		10		10
1/4	2,081.47	1/4	1,737.31	1/4	1,393.15	1/4	1,048.99	1/4	704.83	1/4	360.67	1/4	27.91	1/4	1/4		1/4		1/4
1/2	2,074.30	1/2	1,730.14	1/2	1,385.98	1/2	1,041.82	1/2	697.66	1/2	353.50	1/2	24.19	1/2	1/2		1/2		1/2
3/4	2,067.13	3/4	1,722.97	3/4	1,378.81	3/4	1,034.65	3/4	690.49	3/4	346.33	3/4	20.48	3/4	3/4		3/4		3/4
11	2,059.96	11	1,715.80	11	1,371.64	11	1,027.48	11	683.32	11	339.16	11	16.76	11	11		11		11
1/4	2,052.79	1/4	1,708.63	1/4	1,364.47	1/4	1,020.31	1/4	676.15	1/4	331.99	1/4	13.05	1/4	1/4		1/4		1/4
1/2	2,045.62	1/2	1,701.46	1/2	1,357.30	1/2	1,013.14	1/2	668.98	1/2	324.82	1/2		1/2	1/2		1/2		1/2
3/4	2,038.45	3/4	1,694.29	3/4	1,350.13	3/4	1,005.97	3/4	661.81	3/4	317.65	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/2003 INSP.
RECOMPUTED: 07/11/2023 JS
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "MMI 3033"

2 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-11"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,777.39	0	4,433.23	0	4,089.07	0	3,744.91	0	3,400.75	0	3,056.59	0	2,712.43		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,770.22	1/4	4,426.06	1/4	4,081.90	1/4	3,737.74	1/4	3,393.58	1/4	3,049.42	1/4	2,705.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,763.05	1/2	4,418.89	1/2	4,074.73	1/2	3,730.57	1/2	3,386.41	1/2	3,042.25	1/2	2,698.09		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,755.88	3/4	4,411.72	3/4	4,067.56	3/4	3,723.40	3/4	3,379.24	3/4	3,035.08	3/4	2,690.92		
1		1		1		1	4,748.71	1	4,404.55	1	4,060.39	1	3,716.23	1	3,372.07	1	3,027.91	1	2,683.75		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,741.54	1/4	4,397.38	1/4	4,053.22	1/4	3,709.06	1/4	3,364.90	1/4	3,020.74	1/4	2,676.58		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,734.37	1/2	4,390.21	1/2	4,046.05	1/2	3,701.89	1/2	3,357.73	1/2	3,013.57	1/2	2,669.41		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,727.20	3/4	4,383.04	3/4	4,038.88	3/4	3,694.72	3/4	3,350.56	3/4	3,006.40	3/4	2,662.24		
2		2		2		2	4,720.03	2	4,375.87	2	4,031.71	2	3,687.55	2	3,343.39	2	2,999.23	2	2,655.07		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,712.86	1/4	4,368.70	1/4	4,024.54	1/4	3,680.38	1/4	3,336.22	1/4	2,992.06	1/4	2,647.90		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,705.69	1/2	4,361.53	1/2	4,017.37	1/2	3,673.21	1/2	3,329.05	1/2	2,984.89	1/2	2,640.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,698.52	3/4	4,354.36	3/4	4,010.20	3/4	3,666.04	3/4	3,321.88	3/4	2,977.72	3/4	2,633.56		
3		3		3		3	4,691.35	3	4,347.19	3	4,003.03	3	3,658.87	3	3,314.71	3	2,970.55	3	2,626.39		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,684.18	1/4	4,340.02	1/4	3,995.86	1/4	3,651.70	1/4	3,307.54	1/4	2,963.38	1/4	2,619.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,677.01	1/2	4,332.85	1/2	3,988.69	1/2	3,644.53	1/2	3,300.37	1/2	2,956.21	1/2	2,612.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,669.84	3/4	4,325.68	3/4	3,981.52	3/4	3,637.36	3/4	3,293.20	3/4	2,949.04	3/4	2,604.88		
4		4		4		4	4,662.67	4	4,318.51	4	3,974.35	4	3,630.19	4	3,286.03	4	2,941.87	4	2,597.71		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,655.50	1/4	4,311.29	1/4	3,967.18	1/4	3,623.02	1/4	3,278.86	1/4	2,934.70	1/4	2,590.54		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,648.33	1/2	4,304.07	1/2	3,960.01	1/2	3,615.85	1/2	3,271.69	1/2	2,927.53	1/2	2,583.37		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,641.16	3/4	4,296.85	3/4	3,952.84	3/4	3,608.68	3/4	3,264.52	3/4	2,920.36	3/4	2,576.20		
5		5	4,899.18	5	4,633.99	5	4,633.99	5	4,289.63	5	3,945.67	5	3,601.51	5	3,257.35	5	2,913.19	5	2,569.03		
1/4	1/4	1/4	4,898.37	1/4	4,626.82	1/4	4,626.82	1/4	4,282.51	1/4	3,938.50	1/4	3,594.34	1/4	3,250.18	1/4	2,906.02	1/4	2,561.86		
1/2	1/2	1/2	4,897.56	1/2	4,619.65	1/2	4,619.65	1/2	4,275.39	1/2	3,931.33	1/2	3,587.17	1/2	3,243.01	1/2	2,898.85	1/2	2,554.69		
3/4	3/4	3/4	4,896.75	3/4	4,612.48	3/4	4,612.48	3/4	4,268.27	3/4	3,924.16	3/4	3,580.00	3/4	3,235.84	3/4	2,891.68	3/4	2,547.52		
6		6	4,895.94	6	4,605.31	6	4,605.31	6	4,261.15	6	3,916.99	6	3,572.83	6	3,228.67	6	2,884.51	6	2,540.35		
1/4	1/4	1/4	4,893.99	1/4	4,598.14	1/4	4,598.14	1/4	4,253.98	1/4	3,909.82	1/4	3,565.66	1/4	3,221.50	1/4	2,877.34	1/4	2,533.18		
1/2	1/2	1/2	4,892.04	1/2	4,590.97	1/2	4,590.97	1/2	4,246.81	1/2	3,902.65	1/2	3,558.49	1/2	3,214.33	1/2	2,870.17	1/2	2,526.01		
3/4	3/4	3/4	4,890.09	3/4	4,583.80	3/4	4,583.80	3/4	4,239.64	3/4	3,895.48	3/4	3,551.32	3/4	3,207.16	3/4	2,863.00	3/4	2,518.84		
7		7	4,888.14	7	4,576.63	7	4,576.63	7	4,232.47	7	3,888.31	7	3,544.15	7	3,199.99	7	2,855.83	7	2,511.67		
1/4	1/4	1/4	4,884.89	1/4	4,569.46	1/4	4,569.46	1/4	4,225.30	1/4	3,881.14	1/4	3,536.98	1/4	3,192.82	1/4	2,848.66	1/4	2,504.50		
1/2	1/2	1/2	4,881.63	1/2	4,562.29	1/2	4,562.29	1/2	4,218.13	1/2	3,873.97	1/2	3,529.81	1/2	3,185.65	1/2	2,841.49	1/2	2,497.33		
3/4	3/4	3/4	4,878.38	3/4	4,555.12	3/4	4,555.12	3/4	4,210.96	3/4	3,866.80	3/4	3,522.64	3/4	3,178.48	3/4	2,834.32	3/4	2,490.16		
8		8	4,875.12	8	4,547.95	8	4,547.95	8	4,203.79	8	3,859.63	8	3,515.47	8	3,171.31	8	2,827.15	8	2,482.99		
1/4	1/4	1/4	4,870.56	1/4	4,540.78	1/4	4,540.78	1/4	4,196.62	1/4	3,852.46	1/4	3,508.30	1/4	3,164.14	1/4	2,819.98	1/4	2,475.82		
1/2	1/2	1/2	4,866.01	1/2	4,533.61	1/2	4,533.61	1/2	4,189.45	1/2	3,845.29	1/2	3,501.13	1/2	3,156.97	1/2	2,812.81	1/2	2,468.65		
3/4	3/4	3/4	4,861.45	3/4	4,526.44	3/4	4,526.44	3/4	4,182.28	3/4	3,838.12	3/4	3,493.96	3/4	3,149.80	3/4	2,805.64	3/4	2,461.48		
9		9	4,856.89	9	4,519.27	9	4,519.27	9	4,175.11	9	3,830.95	9	3,486.79	9	3,142.63	9	2,798.47	9	2,454.31		
1/4	1/4	1/4	4,851.03	1/4	4,512.10	1/4	4,512.10	1/4	4,167.94	1/4	3,823.78	1/4	3,479.62	1/4	3,135.46	1/4	2,791.30	1/4	2,447.14		
1/2	1/2	1/2	4,845.17	1/2	4,504.93	1/2	4,504.93	1/2	4,160.77	1/2	3,816.61	1/2	3,472.45	1/2	3,128.29	1/2	2,784.13	1/2	2,439.97		
3/4	3/4	3/4	4,839.30	3/4	4,497.76	3/4	4,497.76	3/4	4,153.60	3/4	3,809.44	3/4	3,465.28	3/4	3,121.12	3/4	2,776.96	3/4	2,432.80		
10		10	4,833.44	10	4,490.59	10	4,490.59	10	4,146.43	10	3,802.27	10	3,458.11	10	3,113.95	10	2,769.79	10	2,425.63		
1/4	1/4	1/4	4,826.60	1/4	4,483.42	1/4	4,483.42	1/4	4,139.26	1/4	3,795.10	1/4	3,450.94	1/4	3,106.78	1/4	2,762.62	1/4	2,418.46		
1/2	1/2	1/2	4,819.76	1/2	4,476.25	1/2	4,476.25	1/2	4,132.09	1/2	3,787.93	1/2	3,443.77	1/2	3,099.61	1/2	2,755.45	1/2	2,411.29		
3/4	3/4	3/4	4,812.91	3/4	4,469.08	3/4	4,469.08	3/4	4,124.92	3/4	3,780.76	3/4	3,436.60	3/4	3,092.44	3/4	2,748.28	3/4	2,404.12		
11		11	4,806.07	11	4,461.91	11	4,461.91	11	4,117.75	11	3,773.59	11	3,429.43	11	3,085.27	11	2,741.11	11	2,396.95		
1/4	1/4	1/4	4,798.90	1/4	4,454.74	1/4	4,454.74	1/4	4,110.58	1/4	3,766.42	1/4	3,422.26	1/4	3,078.10	1/4	2,733.94	1/4	2,389.78		
1/2	1/2	1/2	4,791.73	1/2	4,447.57	1/2	4,447.57	1/2	4,103.41	1/2	3,759.25	1/2	3,415.09	1/2	3,070.93	1/2	2,726.77	1/2	2,382.61		
3/4	3/4	3/4	4,784.56	3/4	4,440.40	3/4	4,440.40	3/4	4,096.24	3/4	3,752.08	3/4	3,407.92	3/4	3,063.76	3/4	2,719.60	3/4	2,375.44		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "MMI 3033"

2 STBD ULLAGE TABLE HERMETIC

Gauge Height 16'-11"

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	2,368.27	0	2,024.11	0	1,679.95	0	1,335.79	0	991.63	0	647.47	0	303.31	0		0		0	
1/4	2,361.10	1/4	2,016.94	1/4	1,672.78	1/4	1,328.62	1/4	984.46	1/4	640.30	1/4	296.14	1/4	1/4	1/4		1/4	
1/2	2,353.93	1/2	2,009.77	1/2	1,665.61	1/2	1,321.45	1/2	977.29	1/2	633.13	1/2	288.97	1/2	1/2	1/2		1/2	
3/4	2,346.76	3/4	2,002.60	3/4	1,658.44	3/4	1,314.28	3/4	970.12	3/4	625.96	3/4	281.80	3/4	3/4	3/4		3/4	
1	2,339.59	1	1,995.43	1	1,651.27	1	1,307.11	1	962.95	1	618.79	1	274.63	1	1	1		1	
1/4	2,332.42	1/4	1,988.26	1/4	1,644.10	1/4	1,299.94	1/4	955.78	1/4	611.62	1/4	267.46	1/4	1/4	1/4		1/4	
1/2	2,325.25	1/2	1,981.09	1/2	1,636.93	1/2	1,292.77	1/2	948.61	1/2	604.45	1/2	260.29	1/2	1/2	1/2		1/2	
3/4	2,318.08	3/4	1,973.92	3/4	1,629.76	3/4	1,285.60	3/4	941.44	3/4	597.28	3/4	253.12	3/4	3/4	3/4		3/4	
2	2,310.91	2	1,966.75	2	1,622.59	2	1,278.43	2	934.27	2	590.11	2	245.95	2	2	2		2	
1/4	2,303.74	1/4	1,959.58	1/4	1,615.42	1/4	1,271.26	1/4	927.10	1/4	582.94	1/4	238.78	1/4	1/4	1/4		1/4	
1/2	2,296.57	1/2	1,952.41	1/2	1,608.25	1/2	1,264.09	1/2	919.93	1/2	575.77	1/2	231.61	1/2	1/2	1/2		1/2	
3/4	2,289.40	3/4	1,945.24	3/4	1,601.08	3/4	1,256.92	3/4	912.76	3/4	568.60	3/4	224.44	3/4	3/4	3/4		3/4	
3	2,282.23	3	1,938.07	3	1,593.91	3	1,249.75	3	905.59	3	561.43	3	217.27	3	3	3		3	
1/4	2,275.06	1/4	1,930.90	1/4	1,586.74	1/4	1,242.58	1/4	898.42	1/4	554.26	1/4	210.10	1/4	1/4	1/4		1/4	
1/2	2,267.89	1/2	1,923.73	1/2	1,579.57	1/2	1,235.41	1/2	891.25	1/2	547.09	1/2	202.93	1/2	1/2	1/2		1/2	
3/4	2,260.72	3/4	1,916.56	3/4	1,572.40	3/4	1,228.24	3/4	884.08	3/4	539.92	3/4	195.76	3/4	3/4	3/4		3/4	
4	2,253.55	4	1,909.39	4	1,565.23	4	1,221.07	4	876.91	4	532.75	4	188.59	4	4	4		4	
1/4	2,246.38	1/4	1,902.22	1/4	1,558.06	1/4	1,213.90	1/4	869.74	1/4	525.58	1/4	181.42	1/4	1/4	1/4		1/4	
1/2	2,239.21	1/2	1,895.05	1/2	1,550.89	1/2	1,206.73	1/2	862.57	1/2	518.41	1/2	174.25	1/2	1/2	1/2		1/2	
3/4	2,232.04	3/4	1,887.88	3/4	1,543.72	3/4	1,199.56	3/4	855.40	3/4	511.24	3/4	167.08	3/4	3/4	3/4		3/4	
5	2,224.87	5	1,880.71	5	1,536.55	5	1,192.39	5	848.23	5	504.07	5	159.91	5	5	5		5	
1/4	2,217.70	1/4	1,873.54	1/4	1,529.38	1/4	1,185.22	1/4	841.06	1/4	496.90	1/4	152.74	1/4	1/4	1/4		1/4	
1/2	2,210.53	1/2	1,866.37	1/2	1,522.21	1/2	1,178.05	1/2	833.89	1/2	489.73	1/2	145.57	1/2	1/2	1/2		1/2	
3/4	2,203.36	3/4	1,859.20	3/4	1,515.04	3/4	1,170.88	3/4	826.72	3/4	482.56	3/4	138.40	3/4	3/4	3/4		3/4	
6	2,196.19	6	1,852.03	6	1,507.87	6	1,163.71	6	819.55	6	475.39	6	131.23	6	6	6		6	
1/4	2,189.02	1/4	1,844.86	1/4	1,500.70	1/4	1,156.54	1/4	812.38	1/4	468.22	1/4	124.06	1/4	1/4	1/4		1/4	
1/2	2,181.85	1/2	1,837.69	1/2	1,493.53	1/2	1,149.37	1/2	805.21	1/2	461.05	1/2	117.41	1/2	1/2	1/2		1/2	
3/4	2,174.68	3/4	1,830.52	3/4	1,486.36	3/4	1,142.20	3/4	798.04	3/4	453.88	3/4	110.51	3/4	3/4	3/4		3/4	
7	2,167.51	7	1,823.35	7	1,479.19	7	1,135.03	7	790.87	7	446.71	7	103.60	7	7	7		7	
1/4	2,160.34	1/4	1,816.18	1/4	1,472.02	1/4	1,127.86	1/4	783.70	1/4	439.54	1/4	96.69	1/4	1/4	1/4		1/4	
1/2	2,153.17	1/2	1,809.01	1/2	1,464.85	1/2	1,120.69	1/2	776.53	1/2	432.37	1/2	89.79	1/2	1/2	1/2		1/2	
3/4	2,146.00	3/4	1,801.84	3/4	1,457.68	3/4	1,113.52	3/4	769.36	3/4	425.20	3/4	82.88	3/4	3/4	3/4		3/4	
8	2,138.83	8	1,794.67	8	1,450.51	8	1,106.35	8	762.19	8	418.03	8	75.98	8	8	8		8	
1/4	2,131.66	1/4	1,787.50	1/4	1,443.34	1/4	1,099.18	1/4	755.02	1/4	410.86	1/4	69.27	1/4	1/4	1/4		1/4	
1/2	2,124.49	1/2	1,780.33	1/2	1,436.17	1/2	1,092.01	1/2	747.85	1/2	403.69	1/2	62.57	1/2	1/2	1/2		1/2	
3/4	2,117.32	3/4	1,773.16	3/4	1,429.00	3/4	1,084.84	3/4	740.68	3/4	396.52	3/4	55.86	3/4	3/4	3/4		3/4	
9	2,110.15	9	1,765.99	9	1,421.83	9	1,077.67	9	733.51	9	389.35	9	49.16	9	9	9		9	
1/4	2,102.98	1/4	1,758.82	1/4	1,414.66	1/4	1,070.50	1/4	726.34	1/4	382.18	1/4	43.85	1/4	1/4	1/4		1/4	
1/2	2,095.81	1/2	1,751.65	1/2	1,407.49	1/2	1,063.33	1/2	719.17	1/2	375.01	1/2	38.53	1/2	1/2	1/2		1/2	
3/4	2,088.64	3/4	1,744.48	3/4	1,400.32	3/4	1,056.16	3/4	712.00	3/4	367.84	3/4	33.22	3/4	3/4	3/4		3/4	
10	2,081.47	10	1,737.31	10	1,393.15	10	1,048.99	10	704.83	10	360.67	10	27.91	10	10	10		10	
1/4	2,074.30	1/4	1,730.14	1/4	1,385.98	1/4	1,041.82	1/4	697.66	1/4	353.50	1/4	24.19	1/4	1/4	1/4		1/4	
1/2	2,067.13	1/2	1,722.97	1/2	1,378.81	1/2	1,034.65	1/2	690.49	1/2	346.33	1/2	20.48	1/2	1/2	1/2		1/2	
3/4	2,059.96	3/4	1,715.80	3/4	1,371.64	3/4	1,027.48	3/4	683.32	3/4	339.16	3/4	16.76	3/4	3/4	3/4		3/4	
11	2,052.79	11	1,708.63	11	1,364.47	11	1,020.31	11	676.15	11	331.99	11	13.05	11	11	11		11	
1/4	2,045.62	1/4	1,701.46	1/4	1,357.30	1/4	1,013.14	1/4	668.98	1/4	324.82	1/4		1/4	1/4	1/4		1/4	
1/2	2,038.45	1/2	1,694.29	1/2	1,350.13	1/2	1,005.97	1/2	661.81	1/2	317.65	1/2		1/2	1/2	1/2		1/2	
3/4	2,031.28	3/4	1,687.12	3/4	1,342.96	3/4	998.80	3/4	654.64	3/4	310.48	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/2003 INSP.
RECOMPUTED: 07/11/2023 JS
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "MMI 3033"

3 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-11"

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		0	4,713.70	0	4,433.38	0	4,147.47	0	3,799.79	0	3,452.11	0	3,104.42	0	2,756.74
1/4		1/4		1/4		1/4	4,707.86	1/4	4,427.54	1/4	4,140.23	1/4	3,792.54	1/4	3,444.86	1/4	3,097.18	1/4	2,749.50
1/2		1/2		1/2		1/2	4,702.02	1/2	4,421.70	1/2	4,132.98	1/2	3,785.30	1/2	3,437.62	1/2	3,089.94	1/2	2,742.25
3/4		3/4		3/4		3/4	4,696.18	3/4	4,415.86	3/4	4,125.74	3/4	3,778.06	3/4	3,430.38	3/4	3,082.69	3/4	2,735.01
1		1		1		1	4,690.34	1	4,410.02	1	4,118.50	1	3,770.81	1	3,423.13	1	3,075.45	1	2,727.77
1/4		1/4		1/4		1/4	4,684.50	1/4	4,404.18	1/4	4,111.25	1/4	3,763.57	1/4	3,415.89	1/4	3,068.21	1/4	2,720.52
1/2		1/2		1/2		1/2	4,678.66	1/2	4,398.34	1/2	4,104.01	1/2	3,756.33	1/2	3,408.64	1/2	3,060.96	1/2	2,713.28
3/4		3/4		3/4		3/4	4,672.82	3/4	4,392.50	3/4	4,096.77	3/4	3,749.08	3/4	3,401.40	3/4	3,053.72	3/4	2,706.04
2		2		2		2	4,666.98	2	4,386.66	2	4,089.52	2	3,741.84	2	3,394.16	2	3,046.47	2	2,698.79
1/4		1/4		1/4		1/4	4,661.14	1/4	4,380.82	1/4	4,082.28	1/4	3,734.60	1/4	3,386.91	1/4	3,039.23	1/4	2,691.55
1/2		1/2		1/2		1/2	4,655.30	1/2	4,374.98	1/2	4,075.04	1/2	3,727.35	1/2	3,379.67	1/2	3,031.99	1/2	2,684.30
3/4		3/4		3/4		3/4	4,649.46	3/4	4,369.14	3/4	4,067.79	3/4	3,720.11	3/4	3,372.43	3/4	3,024.74	3/4	2,677.06
3		3		3		3	4,643.62	3	4,363.30	3	4,060.55	3	3,712.87	3	3,365.18	3	3,017.50	3	2,669.82
1/4		1/4		1/4		1/4	4,637.78	1/4	4,357.46	1/4	4,053.31	1/4	3,705.62	1/4	3,357.94	1/4	3,010.26	1/4	2,662.57
1/2		1/2		1/2		1/2	4,631.94	1/2	4,351.62	1/2	4,046.06	1/2	3,698.38	1/2	3,350.70	1/2	3,003.01	1/2	2,655.33
3/4		3/4		3/4		3/4	4,626.10	3/4	4,345.78	3/4	4,038.82	3/4	3,691.14	3/4	3,343.45	3/4	2,995.77	3/4	2,648.09
4		4		4		4	4,620.26	4	4,339.94	4	4,031.58	4	3,683.89	4	3,336.21	4	2,988.53	4	2,640.84
1/4		1/4		1/4		1/4	4,614.42	1/4	4,334.10	1/4	4,024.33	1/4	3,676.65	1/4	3,328.97	1/4	2,981.28	1/4	2,633.60
1/2		1/2		1/2		1/2	4,608.58	1/2	4,328.26	1/2	4,017.09	1/2	3,669.41	1/2	3,321.72	1/2	2,974.04	1/2	2,626.36
3/4		3/4		3/4		3/4	4,602.74	3/4	4,322.42	3/4	4,009.85	3/4	3,662.16	3/4	3,314.48	3/4	2,966.80	3/4	2,619.11
5		5		5	4,812.96	5	4,596.90	5	4,316.58	5	4,002.60	5	3,654.92	5	3,307.24	5	2,959.55	5	2,611.87
1/4		1/4		1/4	4,812.30	1/4	4,591.06	1/4	4,310.74	1/4	3,995.36	1/4	3,647.68	1/4	3,299.99	1/4	2,952.31	1/4	2,604.63
1/2		1/2		1/2	4,811.64	1/2	4,585.22	1/2	4,304.90	1/2	3,988.12	1/2	3,640.43	1/2	3,292.75	1/2	2,945.07	1/2	2,597.38
3/4		3/4		3/4	4,810.97	3/4	4,579.38	3/4	4,299.06	3/4	3,980.87	3/4	3,633.19	3/4	3,285.51	3/4	2,937.82	3/4	2,590.14
6		6		6	4,810.31	6	4,573.54	6	4,293.22	6	3,973.63	6	3,625.95	6	3,278.26	6	2,930.58	6	2,582.90
1/4		1/4		1/4	4,808.72	1/4	4,567.70	1/4	4,287.38	1/4	3,966.39	1/4	3,618.70	1/4	3,271.02	1/4	2,923.34	1/4	2,575.65
1/2		1/2		1/2	4,807.13	1/2	4,561.86	1/2	4,281.54	1/2	3,959.14	1/2	3,611.46	1/2	3,263.78	1/2	2,916.09	1/2	2,568.41
3/4		3/4		3/4	4,805.53	3/4	4,556.02	3/4	4,275.70	3/4	3,951.90	3/4	3,604.22	3/4	3,256.53	3/4	2,908.85	3/4	2,561.17
7		7		7	4,803.94	7	4,550.18	7	4,269.86	7	3,944.66	7	3,596.97	7	3,249.29	7	2,901.61	7	2,553.92
1/4		1/4		1/4	4,801.29	1/4	4,544.34	1/4	4,264.02	1/4	3,937.41	1/4	3,589.73	1/4	3,242.05	1/4	2,894.36	1/4	2,546.68
1/2		1/2		1/2	4,798.64	1/2	4,538.50	1/2	4,258.18	1/2	3,930.17	1/2	3,582.49	1/2	3,234.80	1/2	2,887.12	1/2	2,539.44
3/4		3/4		3/4	4,795.98	3/4	4,532.66	3/4	4,252.34	3/4	3,922.93	3/4	3,575.24	3/4	3,227.56	3/4	2,879.88	3/4	2,532.19
8		8		8	4,793.33	8	4,526.82	8	4,246.50	8	3,915.68	8	3,568.00	8	3,220.32	8	2,872.63	8	2,524.95
1/4		1/4		1/4	4,789.62	1/4	4,520.98	1/4	4,240.66	1/4	3,908.44	1/4	3,560.76	1/4	3,213.07	1/4	2,865.39	1/4	2,517.71
1/2		1/2		1/2	4,785.90	1/2	4,515.14	1/2	4,234.82	1/2	3,901.20	1/2	3,553.51	1/2	3,205.83	1/2	2,858.15	1/2	2,510.46
3/4		3/4		3/4	4,782.19	3/4	4,509.30	3/4	4,228.98	3/4	3,893.95	3/4	3,546.27	3/4	3,198.59	3/4	2,850.90	3/4	2,503.22
9		9		9	4,778.47	9	4,503.46	9	4,223.14	9	3,886.71	9	3,539.03	9	3,191.34	9	2,843.66	9	2,495.98
1/4		1/4		1/4	4,773.69	1/4	4,497.62	1/4	4,217.30	1/4	3,879.47	1/4	3,531.78	1/4	3,184.10	1/4	2,836.42	1/4	2,488.73
1/2		1/2		1/2	4,768.92	1/2	4,491.78	1/2	4,211.46	1/2	3,872.22	1/2	3,524.54	1/2	3,176.86	1/2	2,829.17	1/2	2,481.49
3/4		3/4		3/4	4,764.14	3/4	4,485.94	3/4	4,205.62	3/4	3,864.98	3/4	3,517.30	3/4	3,169.61	3/4	2,821.93	3/4	2,474.25
10		10		10	4,759.36	10	4,480.10	10	4,199.78	10	3,857.74	10	3,510.05	10	3,162.37	10	2,814.69	10	2,467.00
1/4		1/4		1/4	4,753.79	1/4	4,474.26	1/4	4,193.95	1/4	3,850.49	1/4	3,502.81	1/4	3,155.13	1/4	2,807.44	1/4	2,459.76
1/2		1/2		1/2	4,748.21	1/2	4,468.42	1/2	4,188.11	1/2	3,843.25	1/2	3,495.57	1/2	3,147.88	1/2	2,800.20	1/2	2,452.52
3/4		3/4		3/4	4,742.64	3/4	4,462.58	3/4	4,182.28	3/4	3,836.01	3/4	3,488.32	3/4	3,140.64	3/4	2,792.96	3/4	2,445.27
11		11		11	4,737.06	11	4,456.74	11	4,176.45	11	3,828.76	11	3,481.08	11	3,133.40	11	2,785.71	11	2,438.03
1/4		1/4		1/4	4,731.22	1/4	4,450.90	1/4	4,169.20	1/4	3,821.52	1/4	3,473.84	1/4	3,126.15	1/4	2,778.47	1/4	2,430.79
1/2		1/2		1/2	4,725.38	1/2	4,445.06	1/2	4,161.96	1/2	3,814.28	1/2	3,466.59	1/2	3,118.91	1/2	2,771.23	1/2	2,423.54
3/4		3/4		3/4	4,719.54	3/4	4,439.22	3/4	4,154.71	3/4	3,807.03	3/4	3,459.35	3/4	3,111.67	3/4	2,763.98	3/4	2,416.30

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "MMI 3033"

3 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 16'-11"

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	2,409.06	0	2,061.37	0	1,713.69	0	1,366.01	0	1,018.32	0	670.64	0	321.53	0		0		0	
1/4	2,401.81	1/4	2,054.13	1/4	1,706.45	1/4	1,358.76	1/4	1,011.08	1/4	663.40	1/4	313.93	1/4	1/4		1/4		1/4
1/2	2,394.57	1/2	2,046.89	1/2	1,699.20	1/2	1,351.52	1/2	1,003.84	1/2	656.15	1/2	306.33	1/2	1/2		1/2		1/2
3/4	2,387.33	3/4	2,039.64	3/4	1,691.96	3/4	1,344.28	3/4	996.59	3/4	648.91	3/4	298.73	3/4	3/4		3/4		3/4
1	2,380.08	1	2,032.40	1	1,684.72	1	1,337.03	1	989.35	1	641.67	1	291.13	1	1		1		1
1/4	2,372.84	1/4	2,025.16	1/4	1,677.47	1/4	1,329.79	1/4	982.11	1/4	634.42	1/4	283.53	1/4	1/4		1/4		1/4
1/2	2,365.60	1/2	2,017.91	1/2	1,670.23	1/2	1,322.55	1/2	974.86	1/2	627.18	1/2	275.93	1/2	1/2		1/2		1/2
3/4	2,358.35	3/4	2,010.67	3/4	1,662.99	3/4	1,315.30	3/4	967.62	3/4	619.94	3/4	268.33	3/4	3/4		3/4		3/4
2	2,351.11	2	2,003.43	2	1,655.74	2	1,308.06	2	960.38	2	612.69	2	260.73	2	2		2		2
1/4	2,343.87	1/4	1,996.18	1/4	1,648.50	1/4	1,300.82	1/4	953.13	1/4	605.45	1/4	253.13	1/4	1/4		1/4		1/4
1/2	2,336.62	1/2	1,988.94	1/2	1,641.26	1/2	1,293.57	1/2	945.89	1/2	598.21	1/2	245.53	1/2	1/2		1/2		1/2
3/4	2,329.38	3/4	1,981.70	3/4	1,634.01	3/4	1,286.33	3/4	938.65	3/4	590.96	3/4	237.93	3/4	3/4		3/4		3/4
3	2,322.13	3	1,974.45	3	1,626.77	3	1,279.09	3	931.40	3	583.72	3	230.33	3	3		3		3
1/4	2,314.89	1/4	1,967.21	1/4	1,619.53	1/4	1,271.84	1/4	924.16	1/4	576.48	1/4	222.73	1/4	1/4		1/4		1/4
1/2	2,307.65	1/2	1,959.96	1/2	1,612.28	1/2	1,264.60	1/2	916.92	1/2	569.23	1/2	215.13	1/2	1/2		1/2		1/2
3/4	2,300.40	3/4	1,952.72	3/4	1,605.04	3/4	1,257.36	3/4	909.67	3/4	561.99	3/4	207.53	3/4	3/4		3/4		3/4
4	2,293.16	4	1,945.48	4	1,597.79	4	1,250.11	4	902.43	4	554.75	4	199.93	4	4		4		4
1/4	2,285.92	1/4	1,938.23	1/4	1,590.55	1/4	1,242.87	1/4	895.19	1/4	547.50	1/4	192.33	1/4	1/4		1/4		1/4
1/2	2,278.67	1/2	1,930.99	1/2	1,583.31	1/2	1,235.62	1/2	887.94	1/2	540.26	1/2	184.73	1/2	1/2		1/2		1/2
3/4	2,271.43	3/4	1,923.75	3/4	1,576.06	3/4	1,228.38	3/4	880.70	3/4	533.02	3/4	177.13	3/4	3/4		3/4		3/4
5	2,264.19	5	1,916.50	5	1,568.82	5	1,221.14	5	873.45	5	525.77	5	169.53	5	5		5		5
1/4	2,256.94	1/4	1,909.26	1/4	1,561.58	1/4	1,213.89	1/4	866.21	1/4	518.53	1/4	161.93	1/4	1/4		1/4		1/4
1/2	2,249.70	1/2	1,902.02	1/2	1,554.33	1/2	1,206.65	1/2	858.97	1/2	511.28	1/2	154.33	1/2	1/2		1/2		1/2
3/4	2,242.46	3/4	1,894.77	3/4	1,547.09	3/4	1,199.41	3/4	851.72	3/4	504.04	3/4	146.73	3/4	3/4		3/4		3/4
6	2,235.21	6	1,887.53	6	1,539.85	6	1,192.16	6	844.48	6	496.80	6	139.13	6	6		6		6
1/4	2,227.97	1/4	1,880.29	1/4	1,532.60	1/4	1,184.92	1/4	837.24	1/4	489.55	1/4	131.81	1/4	1/4		1/4		1/4
1/2	2,220.73	1/2	1,873.04	1/2	1,525.36	1/2	1,177.68	1/2	829.99	1/2	482.31	1/2	124.49	1/2	1/2		1/2		1/2
3/4	2,213.48	3/4	1,865.80	3/4	1,518.12	3/4	1,170.43	3/4	822.75	3/4	475.07	3/4	117.17	3/4	3/4		3/4		3/4
7	2,206.24	7	1,858.56	7	1,510.87	7	1,163.19	7	815.51	7	467.82	7	109.85	7	7		7		7
1/4	2,199.00	1/4	1,851.31	1/4	1,503.63	1/4	1,155.95	1/4	808.26	1/4	460.58	1/4	102.53	1/4	1/4		1/4		1/4
1/2	2,191.75	1/2	1,844.07	1/2	1,496.39	1/2	1,148.70	1/2	801.02	1/2	453.34	1/2	95.21	1/2	1/2		1/2		1/2
3/4	2,184.51	3/4	1,836.83	3/4	1,489.14	3/4	1,141.46	3/4	793.78	3/4	446.09	3/4	87.89	3/4	3/4		3/4		3/4
8	2,177.27	8	1,829.58	8	1,481.90	8	1,134.22	8	786.53	8	438.85	8	80.57	8	8		8		8
1/4	2,170.02	1/4	1,822.34	1/4	1,474.66	1/4	1,126.97	1/4	779.29	1/4	431.61	1/4	73.46	1/4	1/4		1/4		1/4
1/2	2,162.78	1/2	1,815.10	1/2	1,467.41	1/2	1,119.73	1/2	772.05	1/2	424.36	1/2	66.35	1/2	1/2		1/2		1/2
3/4	2,155.54	3/4	1,807.85	3/4	1,460.17	3/4	1,112.49	3/4	764.80	3/4	417.12	3/4	59.24	3/4	3/4		3/4		3/4
9	2,148.29	9	1,800.61	9	1,452.93	9	1,105.24	9	757.56	9	409.88	9	52.13	9	9		9		9
1/4	2,141.05	1/4	1,793.37	1/4	1,445.68	1/4	1,098.00	1/4	750.32	1/4	402.63	1/4	46.50	1/4	1/4		1/4		1/4
1/2	2,133.81	1/2	1,786.12	1/2	1,438.44	1/2	1,090.76	1/2	743.07	1/2	395.39	1/2	40.87	1/2	1/2		1/2		1/2
3/4	2,126.56	3/4	1,778.88	3/4	1,431.20	3/4	1,083.51	3/4	735.83	3/4	388.15	3/4	35.24	3/4	3/4		3/4		3/4
10	2,119.32	10	1,771.64	10	1,423.95	10	1,076.27	10	728.59	10	380.90	10	29.61	10	10		10		10
1/4	2,112.08	1/4	1,764.39	1/4	1,416.71	1/4	1,069.03	1/4	721.34	1/4	373.66	1/4	25.67	1/4	1/4		1/4		1/4
1/2	2,104.83	1/2	1,757.15	1/2	1,409.47	1/2	1,061.78	1/2	714.10	1/2	366.42	1/2	21.73	1/2	1/2		1/2		1/2
3/4	2,097.59	3/4	1,749.91	3/4	1,402.22	3/4	1,054.54	3/4	706.86	3/4	359.17	3/4	17.79	3/4	3/4		3/4		3/4
11	2,090.35	11	1,742.66	11	1,394.98	11	1,047.30	11	699.61	11	351.93	11	13.85	11	11		11		11
1/4	2,083.10	1/4	1,735.42	1/4	1,387.74	1/4	1,040.05	1/4	692.37	1/4	344.33	1/4		1/4	1/4		1/4		1/4
1/2	2,075.86	1/2	1,728.18	1/2	1,380.49	1/2	1,032.81	1/2	685.13	1/2	336.73	1/2		1/2	1/2		1/2		1/2
3/4	2,068.62	3/4	1,720.93	3/4	1,373.25	3/4	1,025.57	3/4	677.88	3/4	329.13	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/2003 INSP.
RECOMPUTED: 07/11/2023 JS
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "MMI 3033"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,725.38	0	4,445.06	0	4,161.96	0	3,814.28	0	3,466.59	0	3,118.91	0	2,771.23
1/4		1/4		1/4		1/4	4,719.54	1/4	4,439.22	1/4	4,154.71	1/4	3,807.03	1/4	3,459.35	1/4	3,111.67	1/4	2,763.98
1/2		1/2		1/2		1/2	4,713.70	1/2	4,433.38	1/2	4,147.47	1/2	3,799.79	1/2	3,452.11	1/2	3,104.42	1/2	2,756.74
3/4		3/4		3/4		3/4	4,707.86	3/4	4,427.54	3/4	4,140.23	3/4	3,792.54	3/4	3,444.86	3/4	3,097.18	3/4	2,749.50
1		1		1		1	4,702.02	1	4,421.70	1	4,132.98	1	3,785.30	1	3,437.62	1	3,089.94	1	2,742.25
1/4		1/4		1/4		1/4	4,696.18	1/4	4,415.86	1/4	4,125.74	1/4	3,778.06	1/4	3,430.38	1/4	3,082.69	1/4	2,735.01
1/2		1/2		1/2		1/2	4,690.34	1/2	4,410.02	1/2	4,118.50	1/2	3,770.81	1/2	3,423.13	1/2	3,075.45	1/2	2,727.77
3/4		3/4		3/4		3/4	4,684.50	3/4	4,404.18	3/4	4,111.25	3/4	3,763.57	3/4	3,415.89	3/4	3,068.21	3/4	2,720.52
2		2		2		2	4,678.66	2	4,398.34	2	4,104.01	2	3,756.33	2	3,408.64	2	3,060.96	2	2,713.28
1/4		1/4		1/4		1/4	4,672.82	1/4	4,392.50	1/4	4,096.77	1/4	3,749.08	1/4	3,401.40	1/4	3,053.72	1/4	2,706.04
1/2		1/2		1/2		1/2	4,666.98	1/2	4,386.66	1/2	4,089.52	1/2	3,741.84	1/2	3,394.16	1/2	3,046.47	1/2	2,698.79
3/4		3/4		3/4		3/4	4,661.14	3/4	4,380.82	3/4	4,082.28	3/4	3,734.60	3/4	3,386.91	3/4	3,039.23	3/4	2,691.55
3		3		3		3	4,655.30	3	4,374.98	3	4,075.04	3	3,727.35	3	3,379.67	3	3,031.99	3	2,684.30
1/4		1/4		1/4		1/4	4,649.46	1/4	4,369.14	1/4	4,067.79	1/4	3,720.11	1/4	3,372.43	1/4	3,024.74	1/4	2,677.06
1/2		1/2		1/2		1/2	4,643.62	1/2	4,363.30	1/2	4,060.55	1/2	3,712.87	1/2	3,365.18	1/2	3,017.50	1/2	2,669.82
3/4		3/4		3/4		3/4	4,637.78	3/4	4,357.46	3/4	4,053.31	3/4	3,705.62	3/4	3,357.94	3/4	3,010.26	3/4	2,662.57
4		4		4		4	4,631.94	4	4,351.62	4	4,046.06	4	3,698.38	4	3,350.70	4	3,003.01	4	2,655.33
1/4		1/4		1/4		1/4	4,626.10	1/4	4,345.78	1/4	4,038.82	1/4	3,691.14	1/4	3,343.45	1/4	2,995.77	1/4	2,648.09
1/2		1/2		1/2		1/2	4,620.26	1/2	4,339.94	1/2	4,031.58	1/2	3,683.89	1/2	3,336.21	1/2	2,988.53	1/2	2,640.84
3/4		3/4		3/4		3/4	4,614.42	3/4	4,334.10	3/4	4,024.33	3/4	3,676.65	3/4	3,328.97	3/4	2,981.28	3/4	2,633.60
5		5		5		5	4,608.58	5	4,328.26	5	4,017.09	5	3,669.41	5	3,321.72	5	2,974.04	5	2,626.36
1/4		1/4		1/4		1/4	4,602.74	1/4	4,322.42	1/4	4,009.85	1/4	3,662.16	1/4	3,314.48	1/4	2,966.80	1/4	2,619.11
1/2		1/2		1/2	4,812.96	1/2	4,596.90	1/2	4,316.58	1/2	4,002.60	1/2	3,654.92	1/2	3,307.24	1/2	2,959.55	1/2	2,611.87
3/4		3/4		3/4	4,812.30	3/4	4,591.06	3/4	4,310.74	3/4	3,995.36	3/4	3,647.68	3/4	3,299.99	3/4	2,952.31	3/4	2,604.63
6		6		6	4,811.64	6	4,585.22	6	4,304.90	6	3,988.12	6	3,640.43	6	3,292.75	6	2,945.07	6	2,597.38
1/4		1/4		1/4	4,810.97	1/4	4,579.38	1/4	4,299.06	1/4	3,980.87	1/4	3,633.19	1/4	3,285.51	1/4	2,937.82	1/4	2,590.14
1/2		1/2		1/2	4,810.31	1/2	4,573.54	1/2	4,293.22	1/2	3,973.63	1/2	3,625.95	1/2	3,278.26	1/2	2,930.58	1/2	2,582.90
3/4		3/4		3/4	4,808.72	3/4	4,567.70	3/4	4,287.38	3/4	3,966.39	3/4	3,618.70	3/4	3,271.02	3/4	2,923.34	3/4	2,575.65
7		7		7	4,807.13	7	4,561.86	7	4,281.54	7	3,959.14	7	3,611.46	7	3,263.78	7	2,916.09	7	2,568.41
1/4		1/4		1/4	4,805.53	1/4	4,556.02	1/4	4,275.70	1/4	3,951.90	1/4	3,604.22	1/4	3,256.53	1/4	2,908.85	1/4	2,561.17
1/2		1/2		1/2	4,803.94	1/2	4,550.18	1/2	4,269.86	1/2	3,944.66	1/2	3,596.97	1/2	3,249.29	1/2	2,901.61	1/2	2,553.92
3/4		3/4		3/4	4,801.29	3/4	4,544.34	3/4	4,264.02	3/4	3,937.41	3/4	3,589.73	3/4	3,242.05	3/4	2,894.36	3/4	2,546.68
8		8		8	4,798.64	8	4,538.50	8	4,258.18	8	3,930.17	8	3,582.49	8	3,234.80	8	2,887.12	8	2,539.44
1/4		1/4		1/4	4,795.98	1/4	4,532.66	1/4	4,252.34	1/4	3,922.93	1/4	3,575.24	1/4	3,227.56	1/4	2,879.88	1/4	2,532.19
1/2		1/2		1/2	4,793.33	1/2	4,526.82	1/2	4,246.50	1/2	3,915.68	1/2	3,568.00	1/2	3,220.32	1/2	2,872.63	1/2	2,524.95
3/4		3/4		3/4	4,789.62	3/4	4,520.98	3/4	4,240.66	3/4	3,908.44	3/4	3,560.76	3/4	3,213.07	3/4	2,865.39	3/4	2,517.71
9		9		9	4,785.90	9	4,515.14	9	4,234.82	9	3,901.20	9	3,553.51	9	3,205.83	9	2,858.15	9	2,510.46
1/4		1/4		1/4	4,782.19	1/4	4,509.30	1/4	4,228.98	1/4	3,893.95	1/4	3,546.27	1/4	3,198.59	1/4	2,850.90	1/4	2,503.22
1/2		1/2		1/2	4,778.47	1/2	4,503.46	1/2	4,223.14	1/2	3,886.71	1/2	3,539.03	1/2	3,191.34	1/2	2,843.66	1/2	2,495.98
3/4		3/4		3/4	4,773.69	3/4	4,497.62	3/4	4,217.30	3/4	3,879.47	3/4	3,531.78	3/4	3,184.10	3/4	2,836.42	3/4	2,488.73
10		10		10	4,768.92	10	4,491.78	10	4,211.46	10	3,872.22	10	3,524.54	10	3,176.86	10	2,829.17	10	2,481.49
1/4		1/4		1/4	4,764.14	1/4	4,485.94	1/4	4,205.62	1/4	3,864.98	1/4	3,517.30	1/4	3,169.61	1/4	2,821.93	1/4	2,474.25
1/2		1/2		1/2	4,759.36	1/2	4,480.10	1/2	4,199.78	1/2	3,857.74	1/2	3,510.05	1/2	3,162.37	1/2	2,814.69	1/2	2,467.00
3/4		3/4		3/4	4,753.79	3/4	4,474.26	3/4	4,193.95	3/4	3,850.49	3/4	3,502.81	3/4	3,155.13	3/4	2,807.44	3/4	2,459.76
11		11		11	4,748.21	11	4,468.42	11	4,188.11	11	3,843.25	11	3,495.57	11	3,147.88	11	2,800.20	11	2,452.52
1/4		1/4		1/4	4,742.64	1/4	4,462.58	1/4	4,182.28	1/4	3,836.01	1/4	3,488.32	1/4	3,140.64	1/4	2,792.96	1/4	2,445.27
1/2		1/2		1/2	4,737.06	1/2	4,456.74	1/2	4,176.45	1/2	3,828.76	1/2	3,481.08	1/2	3,133.40	1/2	2,785.71	1/2	2,438.03
3/4		3/4		3/4	4,731.22	3/4	4,450.90	3/4	4,169.20	3/4	3,821.52	3/4	3,473.84	3/4	3,126.15	3/4	2,778.47	3/4	2,430.79

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH HERMETIC GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 12'-07" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "MMI 3033"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,423.54	0	2,075.86	0	1,728.18	0	1,380.49	0	1,032.81	0	685.13	0	336.73	0		0		0	
1/4	2,416.30	1/4	2,068.62	1/4	1,720.93	1/4	1,373.25	1/4	1,025.57	1/4	677.88	1/4	329.13	1/4	1/4		1/4		1/4
1/2	2,409.06	1/2	2,061.37	1/2	1,713.69	1/2	1,366.01	1/2	1,018.32	1/2	670.64	1/2	321.53	1/2	1/2		1/2		1/2
3/4	2,401.81	3/4	2,054.13	3/4	1,706.45	3/4	1,358.76	3/4	1,011.08	3/4	663.40	3/4	313.93	3/4	3/4		3/4		3/4
1	2,394.57	1	2,046.89	1	1,699.20	1	1,351.52	1	1,003.84	1	656.15	1	306.33	1	1		1		1
1/4	2,387.33	1/4	2,039.64	1/4	1,691.96	1/4	1,344.28	1/4	996.59	1/4	648.91	1/4	298.73	1/4	1/4		1/4		1/4
1/2	2,380.08	1/2	2,032.40	1/2	1,684.72	1/2	1,337.03	1/2	989.35	1/2	641.67	1/2	291.13	1/2	1/2		1/2		1/2
3/4	2,372.84	3/4	2,025.16	3/4	1,677.47	3/4	1,329.79	3/4	982.11	3/4	634.42	3/4	283.53	3/4	3/4		3/4		3/4
2	2,365.60	2	2,017.91	2	1,670.23	2	1,322.55	2	974.86	2	627.18	2	275.93	2	2		2		2
1/4	2,358.35	1/4	2,010.67	1/4	1,662.99	1/4	1,315.30	1/4	967.62	1/4	619.94	1/4	268.33	1/4	1/4		1/4		1/4
1/2	2,351.11	1/2	2,003.43	1/2	1,655.74	1/2	1,308.06	1/2	960.38	1/2	612.69	1/2	260.73	1/2	1/2		1/2		1/2
3/4	2,343.87	3/4	1,996.18	3/4	1,648.50	3/4	1,300.82	3/4	953.13	3/4	605.45	3/4	253.13	3/4	3/4		3/4		3/4
3	2,336.62	3	1,988.94	3	1,641.26	3	1,293.57	3	945.89	3	598.21	3	245.53	3	3		3		3
1/4	2,329.38	1/4	1,981.70	1/4	1,634.01	1/4	1,286.33	1/4	938.65	1/4	590.96	1/4	237.93	1/4	1/4		1/4		1/4
1/2	2,322.13	1/2	1,974.45	1/2	1,626.77	1/2	1,279.09	1/2	931.40	1/2	583.72	1/2	230.33	1/2	1/2		1/2		1/2
3/4	2,314.89	3/4	1,967.21	3/4	1,619.53	3/4	1,271.84	3/4	924.16	3/4	576.48	3/4	222.73	3/4	3/4		3/4		3/4
4	2,307.65	4	1,959.96	4	1,612.28	4	1,264.60	4	916.92	4	569.23	4	215.13	4	4		4		4
1/4	2,300.40	1/4	1,952.72	1/4	1,605.04	1/4	1,257.36	1/4	909.67	1/4	561.99	1/4	207.53	1/4	1/4		1/4		1/4
1/2	2,293.16	1/2	1,945.48	1/2	1,597.79	1/2	1,250.11	1/2	902.43	1/2	554.75	1/2	199.93	1/2	1/2		1/2		1/2
3/4	2,285.92	3/4	1,938.23	3/4	1,590.55	3/4	1,242.87	3/4	895.19	3/4	547.50	3/4	192.33	3/4	3/4		3/4		3/4
5	2,278.67	5	1,930.99	5	1,583.31	5	1,235.62	5	887.94	5	540.26	5	184.73	5	5		5		5
1/4	2,271.43	1/4	1,923.75	1/4	1,576.06	1/4	1,228.38	1/4	880.70	1/4	533.02	1/4	177.13	1/4	1/4		1/4		1/4
1/2	2,264.19	1/2	1,916.50	1/2	1,568.82	1/2	1,221.14	1/2	873.45	1/2	525.77	1/2	169.53	1/2	1/2		1/2		1/2
3/4	2,256.94	3/4	1,909.26	3/4	1,561.58	3/4	1,213.89	3/4	866.21	3/4	518.53	3/4	161.93	3/4	3/4		3/4		3/4
6	2,249.70	6	1,902.02	6	1,554.33	6	1,206.65	6	858.97	6	511.28	6	154.33	6	6		6		6
1/4	2,242.46	1/4	1,894.77	1/4	1,547.09	1/4	1,199.41	1/4	851.72	1/4	504.04	1/4	146.73	1/4	1/4		1/4		1/4
1/2	2,235.21	1/2	1,887.53	1/2	1,539.85	1/2	1,192.16	1/2	844.48	1/2	496.80	1/2	139.13	1/2	1/2		1/2		1/2
3/4	2,227.97	3/4	1,880.29	3/4	1,532.60	3/4	1,184.92	3/4	837.24	3/4	489.55	3/4	131.81	3/4	3/4		3/4		3/4
7	2,220.73	7	1,873.04	7	1,525.36	7	1,177.68	7	829.99	7	482.31	7	124.49	7	7		7		7
1/4	2,213.48	1/4	1,865.80	1/4	1,518.12	1/4	1,170.43	1/4	822.75	1/4	475.07	1/4	117.17	1/4	1/4		1/4		1/4
1/2	2,206.24	1/2	1,858.56	1/2	1,510.87	1/2	1,163.19	1/2	815.51	1/2	467.82	1/2	109.85	1/2	1/2		1/2		1/2
3/4	2,199.00	3/4	1,851.31	3/4	1,503.63	3/4	1,155.95	3/4	808.26	3/4	460.58	3/4	102.53	3/4	3/4		3/4		3/4
8	2,191.75	8	1,844.07	8	1,496.39	8	1,148.70	8	801.02	8	453.34	8	95.21	8	8		8		8
1/4	2,184.51	1/4	1,836.83	1/4	1,489.14	1/4	1,141.46	1/4	793.78	1/4	446.09	1/4	87.89	1/4	1/4		1/4		1/4
1/2	2,177.27	1/2	1,829.58	1/2	1,481.90	1/2	1,134.22	1/2	786.53	1/2	438.85	1/2	80.57	1/2	1/2		1/2		1/2
3/4	2,170.02	3/4	1,822.34	3/4	1,474.66	3/4	1,126.97	3/4	779.29	3/4	431.61	3/4	73.46	3/4	3/4		3/4		3/4
9	2,162.78	9	1,815.10	9	1,467.41	9	1,119.73	9	772.05	9	424.36	9	66.35	9	9		9		9
1/4	2,155.54	1/4	1,807.85	1/4	1,460.17	1/4	1,112.49	1/4	764.80	1/4	417.12	1/4	59.24	1/4	1/4		1/4		1/4
1/2	2,148.29	1/2	1,800.61	1/2	1,452.93	1/2	1,105.24	1/2	757.56	1/2	409.88	1/2	52.13	1/2	1/2		1/2		1/2
3/4	2,141.05	3/4	1,793.37	3/4	1,445.68	3/4	1,098.00	3/4	750.32	3/4	402.63	3/4	46.50	3/4	3/4		3/4		3/4
10	2,133.81	10	1,786.12	10	1,438.44	10	1,090.76	10	743.07	10	395.39	10	40.87	10	10		10		10
1/4	2,126.56	1/4	1,778.88	1/4	1,431.20	1/4	1,083.51	1/4	735.83	1/4	388.15	1/4	35.24	1/4	1/4		1/4		1/4
1/2	2,119.32	1/2	1,771.64	1/2	1,423.95	1/2	1,076.27	1/2	728.59	1/2	380.90	1/2	29.61	1/2	1/2		1/2		1/2
3/4	2,112.08	3/4	1,764.39	3/4	1,416.71	3/4	1,069.03	3/4	721.34	3/4	373.66	3/4	25.67	3/4	3/4		3/4		3/4
11	2,104.83	11	1,757.15	11	1,409.47	11	1,061.78	11	714.10	11	366.42	11	21.73	11	11		11		11
1/4	2,097.59	1/4	1,749.91	1/4	1,402.22	1/4	1,054.54	1/4	706.86	1/4	359.17	1/4	17.79	1/4	1/4		1/4		1/4
1/2	2,090.35	1/2	1,742.66	1/2	1,394.98	1/2	1,047.30	1/2	699.61	1/2	351.93	1/2	13.85	1/2	1/2		1/2		1/2
3/4	2,083.10	3/4	1,735.42	3/4	1,387.74	3/4	1,040.05	3/4	692.37	3/4	344.33	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/2003 INSP.
RECOMPUTED: 07/11/2023 JS
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

PRECISION MEASUREMENT
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