



BARGE "MMI 3044"

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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-3/4	- 00-3/4
1 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	00-3/4	- 00-3/4	00-3/4	- 00-3/4
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	00-3/4	- 00-3/4	00-7/8	- 00-7/8
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	00-3/4	- 00-3/4	00-7/8	- 00-7/8
3 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	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	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: 236'-00"

August 23, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MMI 3044"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03"

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	5,170.01	0	4,832.22	0	4,465.98	0	4,099.74	0	3,733.50	0	3,367.26	0	3,001.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,166.62	1/4	4,824.59	1/4	4,458.35	1/4	4,092.11	1/4	3,725.87	1/4	3,359.63	1/4	2,993.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,162.10	1/2	4,816.96	1/2	4,450.72	1/2	4,084.48	1/2	3,718.24	1/2	3,352.00	1/2	2,985.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,157.57	3/4	4,809.33	3/4	4,443.09	3/4	4,076.85	3/4	3,710.61	3/4	3,344.37	3/4	2,978.13
1	1	1	1	1	1	1	5,153.05	1	4,801.70	1	4,435.46	1	4,069.22	1	3,702.98	1	3,336.74	1	2,970.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,148.52	1/4	4,794.07	1/4	4,427.83	1/4	4,061.59	1/4	3,695.35	1/4	3,329.11	1/4	2,962.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,142.86	1/2	4,786.44	1/2	4,420.20	1/2	4,053.96	1/2	3,687.72	1/2	3,321.48	1/2	2,955.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,137.20	3/4	4,778.81	3/4	4,412.57	3/4	4,046.33	3/4	3,680.09	3/4	3,313.85	3/4	2,947.61
2	2	2	2	2	2	2	5,131.54	2	4,771.18	2	4,404.94	2	4,038.70	2	3,672.46	2	3,306.22	2	2,939.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,125.88	1/4	4,763.55	1/4	4,397.31	1/4	4,031.07	1/4	3,664.83	1/4	3,298.59	1/4	2,932.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,119.09	1/2	4,755.92	1/2	4,389.68	1/2	4,023.44	1/2	3,657.20	1/2	3,290.96	1/2	2,924.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,112.30	3/4	4,748.29	3/4	4,382.05	3/4	4,015.81	3/4	3,649.57	3/4	3,283.33	3/4	2,917.09
3	3	3	3	3	3	3	5,105.50	3	4,740.66	3	4,374.42	3	4,008.18	3	3,641.94	3	3,275.70	3	2,909.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,098.71	1/4	4,733.03	1/4	4,366.79	1/4	4,000.55	1/4	3,634.31	1/4	3,268.07	1/4	2,901.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,091.22	1/2	4,725.40	1/2	4,359.16	1/2	3,992.92	1/2	3,626.68	1/2	3,260.44	1/2	2,894.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,083.73	3/4	4,717.77	3/4	4,351.53	3/4	3,985.29	3/4	3,619.05	3/4	3,252.81	3/4	2,886.57
4	4	4	4	4	4	4	5,076.24	4	4,710.14	4	4,343.90	4	3,977.66	4	3,611.42	4	3,245.18	4	2,878.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,068.75	1/4	4,702.51	1/4	4,336.27	1/4	3,970.03	1/4	3,603.79	1/4	3,237.55	1/4	2,871.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,061.12	1/2	4,694.88	1/2	4,328.64	1/2	3,962.40	1/2	3,596.16	1/2	3,229.92	1/2	2,863.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,053.49	3/4	4,687.25	3/4	4,321.01	3/4	3,954.77	3/4	3,588.53	3/4	3,222.29	3/4	2,856.05
5	5	5	5	5	5	5	5,045.86	5	4,679.62	5	4,313.38	5	3,947.14	5	3,580.90	5	3,214.66	5	2,848.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,038.23	1/4	4,671.99	1/4	4,305.75	1/4	3,939.51	1/4	3,573.27	1/4	3,207.03	1/4	2,840.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,030.60	1/2	4,664.36	1/2	4,298.12	1/2	3,931.88	1/2	3,565.64	1/2	3,199.40	1/2	2,833.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,022.97	3/4	4,656.73	3/4	4,290.49	3/4	3,924.25	3/4	3,558.01	3/4	3,191.77	3/4	2,825.53
6	6	6	6	6	6	6	5,015.34	6	4,649.10	6	4,282.86	6	3,916.62	6	3,550.38	6	3,184.14	6	2,817.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,007.71	1/4	4,641.47	1/4	4,275.23	1/4	3,908.99	1/4	3,542.75	1/4	3,176.51	1/4	2,810.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,000.08	1/2	4,633.84	1/2	4,267.60	1/2	3,901.36	1/2	3,535.12	1/2	3,168.88	1/2	2,802.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,992.45	3/4	4,626.21	3/4	4,259.97	3/4	3,893.73	3/4	3,527.49	3/4	3,161.25	3/4	2,795.01
7	7	7	7	7	7	7	4,984.82	7	4,618.58	7	4,252.34	7	3,886.10	7	3,519.86	7	3,153.62	7	2,787.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,977.19	1/4	4,610.95	1/4	4,244.71	1/4	3,878.47	1/4	3,512.23	1/4	3,145.99	1/4	2,779.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,969.56	1/2	4,603.32	1/2	4,237.08	1/2	3,870.84	1/2	3,504.60	1/2	3,138.36	1/2	2,772.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,961.93	3/4	4,595.69	3/4	4,229.45	3/4	3,863.21	3/4	3,496.97	3/4	3,130.73	3/4	2,764.49
8	8	8	8	8	8	8	4,954.30	8	4,588.06	8	4,221.82	8	3,855.58	8	3,489.34	8	3,123.10	8	2,756.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,946.67	1/4	4,580.43	1/4	4,214.19	1/4	3,847.95	1/4	3,481.71	1/4	3,115.47	1/4	2,749.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,939.04	1/2	4,572.80	1/2	4,206.56	1/2	3,840.32	1/2	3,474.08	1/2	3,107.84	1/2	2,741.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,194.73	3/4	4,931.41	3/4	4,565.17	3/4	4,198.93	3/4	3,832.69	3/4	3,466.45	3/4	3,100.21
9	9	9	9	9	9	9	5,194.31	9	4,923.78	9	4,557.54	9	4,191.30	9	3,825.06	9	3,458.82	9	3,092.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,193.89	1/4	4,916.15	1/4	4,549.91	1/4	4,183.67	1/4	3,817.43	1/4	3,451.19	1/4	3,084.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,192.73	1/2	4,908.52	1/2	4,542.28	1/2	4,176.04	1/2	3,809.80	1/2	3,443.56	1/2	3,077.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,191.57	3/4	4,900.89	3/4	4,534.65	3/4	4,168.41	3/4	3,802.17	3/4	3,435.93	3/4	3,069.69
10	10	10	10	10	10	10	5,190.40	10	4,893.26	10	4,527.02	10	4,160.78	10	3,794.54	10	3,428.30	10	3,062.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,189.24	1/4	4,885.63	1/4	4,519.39	1/4	4,153.15	1/4	3,786.91	1/4	3,420.67	1/4	3,054.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,186.98	1/2	4,878.00	1/2	4,511.76	1/2	4,145.52	1/2	3,779.28	1/2	3,413.04	1/2	3,046.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,184.72	3/4	4,870.37	3/4	4,504.13	3/4	4,137.89	3/4	3,771.65	3/4	3,405.41	3/4	3,039.17
11	11	11	11	11	11	11	5,182.45	11	4,862.74	11	4,496.50	11	4,130.26	11	3,764.02	11	3,397.78	11	3,031.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,180.19	1/4	4,855.11	1/4	4,488.87	1/4	4,122.63	1/4	3,756.39	1/4	3,390.15	1/4	3,023.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,176.80	1/2	4,847.48	1/2	4,481.24	1/2	4,115.00	1/2	3,748.76	1/2	3,382.52	1/2	3,016.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,173.41	3/4	4,839.85	3/4	4,473.61	3/4	4,107.37	3/4	3,741.13	3/4	3,374.89	3/4	3,008.65

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'-09" OFF CENTERLINE AND 46'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "MMI 3044"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GUAGE HEIGHT 17'-03"

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	2,634.78	0	2,268.54	0	1,902.30	0	1,536.06	0	1,169.82	0	803.58	0	438.14	0	97.67	0		0	
1/4	2,627.15	1/4	2,260.91	1/4	1,894.67	1/4	1,528.43	1/4	1,162.19	1/4	795.95	1/4	430.66	1/4	91.21	1/4		1/4	
1/2	2,619.52	1/2	2,253.28	1/2	1,887.04	1/2	1,520.80	1/2	1,154.56	1/2	788.32	1/2	423.21	1/2	84.86	1/2		1/2	
3/4	2,611.89	3/4	2,245.65	3/4	1,879.41	3/4	1,513.17	3/4	1,146.93	3/4	780.69	3/4	415.75	3/4	78.51	3/4		3/4	
1	2,604.26	1	2,238.02	1	1,871.78	1	1,505.54	1	1,139.30	1	773.06	1	408.30	1	72.17	1		1	
1/4	2,596.63	1/4	2,230.39	1/4	1,864.15	1/4	1,497.91	1/4	1,131.67	1/4	765.43	1/4	400.85	1/4	65.82	1/4		1/4	
1/2	2,589.00	1/2	2,222.76	1/2	1,856.52	1/2	1,490.28	1/2	1,124.04	1/2	757.80	1/2	393.49	1/2	59.68	1/2		1/2	
3/4	2,581.37	3/4	2,215.13	3/4	1,848.89	3/4	1,482.65	3/4	1,116.41	3/4	750.17	3/4	386.13	3/4	53.53	3/4		3/4	
2	2,573.74	2	2,207.50	2	1,841.26	2	1,475.02	2	1,108.78	2	742.54	2	378.77	2	47.39	2		2	
1/4	2,566.11	1/4	2,199.87	1/4	1,833.63	1/4	1,467.39	1/4	1,101.15	1/4	734.91	1/4	371.41	1/4	41.25	1/4		1/4	
1/2	2,558.48	1/2	2,192.24	1/2	1,826.00	1/2	1,459.76	1/2	1,093.52	1/2	727.28	1/2	364.08	1/2	36.43	1/2		1/2	
3/4	2,550.85	3/4	2,184.61	3/4	1,818.37	3/4	1,452.13	3/4	1,085.89	3/4	719.65	3/4	356.75	3/4	31.61	3/4		3/4	
3	2,543.22	3	2,176.98	3	1,810.74	3	1,444.50	3	1,078.26	3	712.02	3	349.43	3	26.79	3		3	
1/4	2,535.59	1/4	2,169.35	1/4	1,803.11	1/4	1,436.87	1/4	1,070.63	1/4	704.39	1/4	342.10	1/4		1/4		1/4	
1/2	2,527.96	1/2	2,161.72	1/2	1,795.48	1/2	1,429.24	1/2	1,063.00	1/2	696.76	1/2	334.86	1/2		1/2		1/2	
3/4	2,520.33	3/4	2,154.09	3/4	1,787.85	3/4	1,421.61	3/4	1,055.37	3/4	689.13	3/4	327.63	3/4		3/4		3/4	
4	2,512.70	4	2,146.46	4	1,780.22	4	1,413.98	4	1,047.74	4	681.50	4	320.39	4	4	4		4	
1/4	2,505.07	1/4	2,138.83	1/4	1,772.59	1/4	1,406.35	1/4	1,040.11	1/4	673.87	1/4	313.16	1/4		1/4		1/4	
1/2	2,497.44	1/2	2,131.20	1/2	1,764.96	1/2	1,398.72	1/2	1,032.48	1/2	666.24	1/2	305.95	1/2		1/2		1/2	
3/4	2,489.81	3/4	2,123.57	3/4	1,757.33	3/4	1,391.09	3/4	1,024.85	3/4	658.61	3/4	298.75	3/4		3/4		3/4	
5	2,482.18	5	2,115.94	5	1,749.70	5	1,383.46	5	1,017.22	5	650.98	5	291.54	5	5	5		5	
1/4	2,474.55	1/4	2,108.31	1/4	1,742.07	1/4	1,375.83	1/4	1,009.59	1/4	643.35	1/4	284.34	1/4		1/4		1/4	
1/2	2,466.92	1/2	2,100.68	1/2	1,734.44	1/2	1,368.20	1/2	1,001.96	1/2	635.72	1/2	277.24	1/2		1/2		1/2	
3/4	2,459.29	3/4	2,093.05	3/4	1,726.81	3/4	1,360.57	3/4	994.33	3/4	628.09	3/4	270.14	3/4		3/4		3/4	
6	2,451.66	6	2,085.42	6	1,719.18	6	1,352.94	6	986.70	6	620.46	6	263.04	6	6	6		6	
1/4	2,444.03	1/4	2,077.79	1/4	1,711.55	1/4	1,345.31	1/4	979.07	1/4	612.83	1/4	255.94	1/4		1/4		1/4	
1/2	2,436.40	1/2	2,070.16	1/2	1,703.92	1/2	1,337.68	1/2	971.44	1/2	605.20	1/2	248.85	1/2		1/2		1/2	
3/4	2,428.77	3/4	2,062.53	3/4	1,696.29	3/4	1,330.05	3/4	963.81	3/4	597.57	3/4	241.77	3/4		3/4		3/4	
7	2,421.14	7	2,054.90	7	1,688.66	7	1,322.42	7	956.18	7	589.94	7	234.68	7	7	7		7	
1/4	2,413.51	1/4	2,047.27	1/4	1,681.03	1/4	1,314.79	1/4	948.55	1/4	582.31	1/4	227.59	1/4		1/4		1/4	
1/2	2,405.88	1/2	2,039.64	1/2	1,673.40	1/2	1,307.16	1/2	940.92	1/2	574.68	1/2	220.60	1/2		1/2		1/2	
3/4	2,398.25	3/4	2,032.01	3/4	1,665.77	3/4	1,299.53	3/4	933.29	3/4	567.05	3/4	213.62	3/4		3/4		3/4	
8	2,390.62	8	2,024.38	8	1,658.14	8	1,291.90	8	925.66	8	559.42	8	206.63	8	8	8		8	
1/4	2,382.99	1/4	2,016.75	1/4	1,650.51	1/4	1,284.27	1/4	918.03	1/4	551.79	1/4	199.65	1/4		1/4		1/4	
1/2	2,375.36	1/2	2,009.12	1/2	1,642.88	1/2	1,276.64	1/2	910.40	1/2	544.16	1/2	192.70	1/2		1/2		1/2	
3/4	2,367.73	3/4	2,001.49	3/4	1,635.25	3/4	1,269.01	3/4	902.77	3/4	536.53	3/4	185.74	3/4		3/4		3/4	
9	2,360.10	9	1,993.86	9	1,627.62	9	1,261.38	9	895.14	9	528.90	9	178.79	9	9	9		9	
1/4	2,352.47	1/4	1,986.23	1/4	1,619.99	1/4	1,253.75	1/4	887.51	1/4	521.27	1/4	171.84	1/4		1/4		1/4	
1/2	2,344.84	1/2	1,978.60	1/2	1,612.36	1/2	1,246.12	1/2	879.88	1/2	513.68	1/2	164.98	1/2		1/2		1/2	
3/4	2,337.21	3/4	1,970.97	3/4	1,604.73	3/4	1,238.49	3/4	872.25	3/4	506.08	3/4	158.11	3/4		3/4		3/4	
10	2,329.58	10	1,963.34	10	1,597.10	10	1,230.86	10	864.62	10	498.49	10	151.25	10	10	10		10	
1/4	2,321.95	1/4	1,955.71	1/4	1,589.47	1/4	1,223.23	1/4	856.99	1/4	490.90	1/4	144.39	1/4		1/4		1/4	
1/2	2,314.32	1/2	1,948.08	1/2	1,581.84	1/2	1,215.60	1/2	849.36	1/2	483.32	1/2	137.56	1/2		1/2		1/2	
3/4	2,306.69	3/4	1,940.45	3/4	1,574.21	3/4	1,207.97	3/4	841.73	3/4	475.74	3/4	130.73	3/4		3/4		3/4	
11	2,299.06	11	1,932.82	11	1,566.58	11	1,200.34	11	834.10	11	468.17	11	123.90	11	11	11		11	
1/4	2,291.43	1/4	1,925.19	1/4	1,558.95	1/4	1,192.71	1/4	826.47	1/4	460.59	1/4	117.07	1/4		1/4		1/4	
1/2	2,283.80	1/2	1,917.56	1/2	1,551.32	1/2	1,185.08	1/2	818.84	1/2	453.11	1/2	110.60	1/2		1/2		1/2	
3/4	2,276.17	3/4	1,909.93	3/4	1,543.69	3/4	1,177.45	3/4	811.21	3/4	445.62	3/4	104.14	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/20/2004 INS
RECALCULATED: 08/23/2019 SW
REPRINTED: 08/26/2019 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019



BARGE "MMI 3044"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-02 3/4"

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	5,166.62	0	4,824.59	0	4,458.35	0	4,092.11	0	3,725.87	0	3,359.63	0	2,993.39
1/4		1/4		1/4		1/4	5,162.10	1/4	4,816.96	1/4	4,450.72	1/4	4,084.48	1/4	3,718.24	1/4	3,352.00	1/4	2,985.76
1/2		1/2		1/2		1/2	5,157.57	1/2	4,809.33	1/2	4,443.09	1/2	4,076.85	1/2	3,710.61	1/2	3,344.37	1/2	2,978.13
3/4		3/4		3/4		3/4	5,153.05	3/4	4,801.70	3/4	4,435.46	3/4	4,069.22	3/4	3,702.98	3/4	3,336.74	3/4	2,970.50
1		1		1		1	5,148.52	1	4,794.07	1	4,427.83	1	4,061.59	1	3,695.35	1	3,329.11	1	2,962.87
1/4		1/4		1/4		1/4	5,142.86	1/4	4,786.44	1/4	4,420.20	1/4	4,053.96	1/4	3,687.72	1/4	3,321.48	1/4	2,955.24
1/2		1/2		1/2		1/2	5,137.20	1/2	4,778.81	1/2	4,412.57	1/2	4,046.33	1/2	3,680.09	1/2	3,313.85	1/2	2,947.61
3/4		3/4		3/4		3/4	5,131.54	3/4	4,771.18	3/4	4,404.94	3/4	4,038.70	3/4	3,672.46	3/4	3,306.22	3/4	2,939.98
2		2		2		2	5,125.88	2	4,763.55	2	4,397.31	2	4,031.07	2	3,664.83	2	3,298.59	2	2,932.35
1/4		1/4		1/4		1/4	5,119.09	1/4	4,755.92	1/4	4,389.68	1/4	4,023.44	1/4	3,657.20	1/4	3,290.96	1/4	2,924.72
1/2		1/2		1/2		1/2	5,112.30	1/2	4,748.29	1/2	4,382.05	1/2	4,015.81	1/2	3,649.57	1/2	3,283.33	1/2	2,917.09
3/4		3/4		3/4		3/4	5,105.50	3/4	4,740.66	3/4	4,374.42	3/4	4,008.18	3/4	3,641.94	3/4	3,275.70	3/4	2,909.46
3		3		3		3	5,098.71	3	4,733.03	3	4,366.79	3	4,000.55	3	3,634.31	3	3,268.07	3	2,901.83
1/4		1/4		1/4		1/4	5,091.22	1/4	4,725.40	1/4	4,359.16	1/4	3,992.92	1/4	3,626.68	1/4	3,260.44	1/4	2,894.20
1/2		1/2		1/2		1/2	5,083.73	1/2	4,717.77	1/2	4,351.53	1/2	3,985.29	1/2	3,619.05	1/2	3,252.81	1/2	2,886.57
3/4		3/4		3/4		3/4	5,076.24	3/4	4,710.14	3/4	4,343.90	3/4	3,977.66	3/4	3,611.42	3/4	3,245.18	3/4	2,878.94
4		4		4		4	5,068.75	4	4,702.51	4	4,336.27	4	3,970.03	4	3,603.79	4	3,237.55	4	2,871.31
1/4		1/4		1/4		1/4	5,061.12	1/4	4,694.88	1/4	4,328.64	1/4	3,962.40	1/4	3,596.16	1/4	3,229.92	1/4	2,863.68
1/2		1/2		1/2		1/2	5,053.49	1/2	4,687.25	1/2	4,321.01	1/2	3,954.77	1/2	3,588.53	1/2	3,222.29	1/2	2,856.05
3/4		3/4		3/4		3/4	5,045.86	3/4	4,679.62	3/4	4,313.38	3/4	3,947.14	3/4	3,580.90	3/4	3,214.66	3/4	2,848.42
5		5		5		5	5,038.23	5	4,671.99	5	4,305.75	5	3,939.51	5	3,573.27	5	3,207.03	5	2,840.79
1/4		1/4		1/4		1/4	5,030.60	1/4	4,664.36	1/4	4,298.12	1/4	3,931.88	1/4	3,565.64	1/4	3,199.40	1/4	2,833.16
1/2		1/2		1/2		1/2	5,022.97	1/2	4,656.73	1/2	4,290.49	1/2	3,924.25	1/2	3,558.01	1/2	3,191.77	1/2	2,825.53
3/4		3/4		3/4		3/4	5,015.34	3/4	4,649.10	3/4	4,282.86	3/4	3,916.62	3/4	3,550.38	3/4	3,184.14	3/4	2,817.90
6		6		6		6	5,007.71	6	4,641.47	6	4,275.23	6	3,908.99	6	3,542.75	6	3,176.51	6	2,810.27
1/4		1/4		1/4		1/4	5,000.08	1/4	4,633.84	1/4	4,267.60	1/4	3,901.36	1/4	3,535.12	1/4	3,168.88	1/4	2,802.64
1/2		1/2		1/2		1/2	4,992.45	1/2	4,626.21	1/2	4,259.97	1/2	3,893.73	1/2	3,527.49	1/2	3,161.25	1/2	2,795.01
3/4		3/4		3/4		3/4	4,984.82	3/4	4,618.58	3/4	4,252.34	3/4	3,886.10	3/4	3,519.86	3/4	3,153.62	3/4	2,787.38
7		7		7		7	4,977.19	7	4,610.95	7	4,244.71	7	3,878.47	7	3,512.23	7	3,145.99	7	2,779.75
1/4		1/4		1/4		1/4	4,969.56	1/4	4,603.32	1/4	4,237.08	1/4	3,870.84	1/4	3,504.60	1/4	3,138.36	1/4	2,772.12
1/2		1/2		1/2		1/2	4,961.93	1/2	4,595.69	1/2	4,229.45	1/2	3,863.21	1/2	3,496.97	1/2	3,130.73	1/2	2,764.49
3/4		3/4		3/4		3/4	4,954.30	3/4	4,588.06	3/4	4,221.82	3/4	3,855.58	3/4	3,489.34	3/4	3,123.10	3/4	2,756.86
8		8		8		8	4,946.67	8	4,580.43	8	4,214.19	8	3,847.95	8	3,481.71	8	3,115.47	8	2,749.23
1/4		1/4		1/4		1/4	4,939.04	1/4	4,572.80	1/4	4,206.56	1/4	3,840.32	1/4	3,474.08	1/4	3,107.84	1/4	2,741.60
1/2		1/2		1/2		1/2	5,194.73	1/2	4,931.41	1/2	4,565.17	1/2	4,198.93	1/2	3,832.69	1/2	3,466.45	1/2	3,100.21
3/4		3/4		3/4		3/4	5,194.31	3/4	4,923.78	3/4	4,557.54	3/4	4,191.30	3/4	3,825.06	3/4	3,458.82	3/4	3,092.58
9		9		9		9	5,193.89	9	4,916.15	9	4,549.91	9	4,183.67	9	3,817.43	9	3,451.19	9	3,084.95
1/4		1/4		1/4		1/4	5,192.73	1/4	4,908.52	1/4	4,542.28	1/4	4,176.04	1/4	3,809.80	1/4	3,443.56	1/4	3,077.32
1/2		1/2		1/2		1/2	5,191.57	1/2	4,900.89	1/2	4,534.65	1/2	4,168.41	1/2	3,802.17	1/2	3,435.93	1/2	3,069.69
3/4		3/4		3/4		3/4	5,190.40	3/4	4,893.26	3/4	4,527.02	3/4	4,160.78	3/4	3,794.54	3/4	3,428.30	3/4	3,062.06
10		10		10		10	5,189.24	10	4,885.63	10	4,519.39	10	4,153.15	10	3,786.91	10	3,420.67	10	3,054.43
1/4		1/4		1/4		1/4	5,186.98	1/4	4,878.00	1/4	4,511.76	1/4	4,145.52	1/4	3,779.28	1/4	3,413.04	1/4	3,046.80
1/2		1/2		1/2		1/2	5,184.72	1/2	4,870.37	1/2	4,504.13	1/2	4,137.89	1/2	3,771.65	1/2	3,405.41	1/2	3,039.17
3/4		3/4		3/4		3/4	5,182.45	3/4	4,862.74	3/4	4,496.50	3/4	4,130.26	3/4	3,764.02	3/4	3,397.78	3/4	3,031.54
11		11		11		11	5,180.19	11	4,855.11	11	4,488.87	11	4,122.63	11	3,756.39	11	3,390.15	11	3,023.91
1/4		1/4		1/4		1/4	5,176.80	1/4	4,847.48	1/4	4,481.24	1/4	4,115.00	1/4	3,748.76	1/4	3,382.52	1/4	3,016.28
1/2		1/2		1/2		1/2	5,173.41	1/2	4,839.85	1/2	4,473.61	1/2	4,107.37	1/2	3,741.13	1/2	3,374.89	1/2	3,008.65
3/4		3/4		3/4		3/4	5,170.01	3/4	4,832.22	3/4	4,465.98	3/4	4,099.74	3/4	3,733.50	3/4	3,367.26	3/4	3,001.02

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'-09" OFF CENTERLINE AND 46'-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 "MMI 3044"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,627.15	0	2,260.91	0	1,894.67	0	1,528.43	0	1,162.19	0	795.95	0	430.66	0	91.21	0		0	
1/4	2,619.52	1/4	2,253.28	1/4	1,887.04	1/4	1,520.80	1/4	1,154.56	1/4	788.32	1/4	423.21	1/4	84.86	1/4		1/4	
1/2	2,611.89	1/2	2,245.65	1/2	1,879.41	1/2	1,513.17	1/2	1,146.93	1/2	780.69	1/2	415.75	1/2	78.51	1/2		1/2	
3/4	2,604.26	3/4	2,238.02	3/4	1,871.78	3/4	1,505.54	3/4	1,139.30	3/4	773.06	3/4	408.30	3/4	72.17	3/4		3/4	
1	2,596.63	1	2,230.39	1	1,864.15	1	1,497.91	1	1,131.67	1	765.43	1	400.85	1	65.82	1		1	
1/4	2,589.00	1/4	2,222.76	1/4	1,856.52	1/4	1,490.28	1/4	1,124.04	1/4	757.80	1/4	393.49	1/4	59.68	1/4		1/4	
1/2	2,581.37	1/2	2,215.13	1/2	1,848.89	1/2	1,482.65	1/2	1,116.41	1/2	750.17	1/2	386.13	1/2	53.53	1/2		1/2	
3/4	2,573.74	3/4	2,207.50	3/4	1,841.26	3/4	1,475.02	3/4	1,108.78	3/4	742.54	3/4	378.77	3/4	47.39	3/4		3/4	
2	2,566.11	2	2,199.87	2	1,833.63	2	1,467.39	2	1,101.15	2	734.91	2	371.41	2	41.25	2		2	
1/4	2,558.48	1/4	2,192.24	1/4	1,826.00	1/4	1,459.76	1/4	1,093.52	1/4	727.28	1/4	364.08	1/4	36.43	1/4		1/4	
1/2	2,550.85	1/2	2,184.61	1/2	1,818.37	1/2	1,452.13	1/2	1,085.89	1/2	719.65	1/2	356.75	1/2	31.61	1/2		1/2	
3/4	2,543.22	3/4	2,176.98	3/4	1,810.74	3/4	1,444.50	3/4	1,078.26	3/4	712.02	3/4	349.43	3/4	26.79	3/4		3/4	
3	2,535.59	3	2,169.35	3	1,803.11	3	1,436.87	3	1,070.63	3	704.39	3	342.10	3		3		3	
1/4	2,527.96	1/4	2,161.72	1/4	1,795.48	1/4	1,429.24	1/4	1,063.00	1/4	696.76	1/4	334.86	1/4		1/4		1/4	
1/2	2,520.33	1/2	2,154.09	1/2	1,787.85	1/2	1,421.61	1/2	1,055.37	1/2	689.13	1/2	327.63	1/2		1/2		1/2	
3/4	2,512.70	3/4	2,146.46	3/4	1,780.22	3/4	1,413.98	3/4	1,047.74	3/4	681.50	3/4	320.39	3/4		3/4		3/4	
4	2,505.07	4	2,138.83	4	1,772.59	4	1,406.35	4	1,040.11	4	673.87	4	313.16	4		4		4	
1/4	2,497.44	1/4	2,131.20	1/4	1,764.96	1/4	1,398.72	1/4	1,032.48	1/4	666.24	1/4	305.95	1/4		1/4		1/4	
1/2	2,489.81	1/2	2,123.57	1/2	1,757.33	1/2	1,391.09	1/2	1,024.85	1/2	658.61	1/2	298.75	1/2		1/2		1/2	
3/4	2,482.18	3/4	2,115.94	3/4	1,749.70	3/4	1,383.46	3/4	1,017.22	3/4	650.98	3/4	291.54	3/4		3/4		3/4	
5	2,474.55	5	2,108.31	5	1,742.07	5	1,375.83	5	1,009.59	5	643.35	5	284.34	5		5		5	
1/4	2,466.92	1/4	2,100.68	1/4	1,734.44	1/4	1,368.20	1/4	1,001.96	1/4	635.72	1/4	277.24	1/4		1/4		1/4	
1/2	2,459.29	1/2	2,093.05	1/2	1,726.81	1/2	1,360.57	1/2	994.33	1/2	628.09	1/2	270.14	1/2		1/2		1/2	
3/4	2,451.66	3/4	2,085.42	3/4	1,719.18	3/4	1,352.94	3/4	986.70	3/4	620.46	3/4	263.04	3/4		3/4		3/4	
6	2,444.03	6	2,077.79	6	1,711.55	6	1,345.31	6	979.07	6	612.83	6	255.94	6		6		6	
1/4	2,436.40	1/4	2,070.16	1/4	1,703.92	1/4	1,337.68	1/4	971.44	1/4	605.20	1/4	248.85	1/4		1/4		1/4	
1/2	2,428.77	1/2	2,062.53	1/2	1,696.29	1/2	1,330.05	1/2	963.81	1/2	597.57	1/2	241.77	1/2		1/2		1/2	
3/4	2,421.14	3/4	2,054.90	3/4	1,688.66	3/4	1,322.42	3/4	956.18	3/4	589.94	3/4	234.68	3/4		3/4		3/4	
7	2,413.51	7	2,047.27	7	1,681.03	7	1,314.79	7	948.55	7	582.31	7	227.59	7		7		7	
1/4	2,405.88	1/4	2,039.64	1/4	1,673.40	1/4	1,307.16	1/4	940.92	1/4	574.68	1/4	220.60	1/4		1/4		1/4	
1/2	2,398.25	1/2	2,032.01	1/2	1,665.77	1/2	1,299.53	1/2	933.29	1/2	567.05	1/2	213.62	1/2		1/2		1/2	
3/4	2,390.62	3/4	2,024.38	3/4	1,658.14	3/4	1,291.90	3/4	925.66	3/4	559.42	3/4	206.63	3/4		3/4		3/4	
8	2,382.99	8	2,016.75	8	1,650.51	8	1,284.27	8	918.03	8	551.79	8	199.65	8		8		8	
1/4	2,375.36	1/4	2,009.12	1/4	1,642.88	1/4	1,276.64	1/4	910.40	1/4	544.16	1/4	192.70	1/4		1/4		1/4	
1/2	2,367.73	1/2	2,001.49	1/2	1,635.25	1/2	1,269.01	1/2	902.77	1/2	536.53	1/2	185.74	1/2		1/2		1/2	
3/4	2,360.10	3/4	1,993.86	3/4	1,627.62	3/4	1,261.38	3/4	895.14	3/4	528.90	3/4	178.79	3/4		3/4		3/4	
9	2,352.47	9	1,986.23	9	1,619.99	9	1,253.75	9	887.51	9	521.27	9	171.84	9		9		9	
1/4	2,344.84	1/4	1,978.60	1/4	1,612.36	1/4	1,246.12	1/4	879.88	1/4	513.68	1/4	164.98	1/4		1/4		1/4	
1/2	2,337.21	1/2	1,970.97	1/2	1,604.73	1/2	1,238.49	1/2	872.25	1/2	506.08	1/2	158.11	1/2		1/2		1/2	
3/4	2,329.58	3/4	1,963.34	3/4	1,597.10	3/4	1,230.86	3/4	864.62	3/4	498.49	3/4	151.25	3/4		3/4		3/4	
10	2,321.95	10	1,955.71	10	1,589.47	10	1,223.23	10	856.99	10	490.90	10	144.39	10		10		10	
1/4	2,314.32	1/4	1,948.08	1/4	1,581.84	1/4	1,215.60	1/4	849.36	1/4	483.32	1/4	137.56	1/4		1/4		1/4	
1/2	2,306.69	1/2	1,940.45	1/2	1,574.21	1/2	1,207.97	1/2	841.73	1/2	475.74	1/2	130.73	1/2		1/2		1/2	
3/4	2,299.06	3/4	1,932.82	3/4	1,566.58	3/4	1,200.34	3/4	834.10	3/4	468.17	3/4	123.90	3/4		3/4		3/4	
11	2,291.43	11	1,925.19	11	1,558.95	11	1,192.71	11	826.47	11	460.59	11	117.07	11		11		11	
1/4	2,283.80	1/4	1,917.56	1/4	1,551.32	1/4	1,185.08	1/4	818.84	1/4	453.11	1/4	110.60	1/4		1/4		1/4	
1/2	2,276.17	1/2	1,909.93	1/2	1,543.69	1/2	1,177.45	1/2	811.21	1/2	445.62	1/2	104.14	1/2		1/2		1/2	
3/4	2,268.54	3/4	1,902.30	3/4	1,536.06	3/4	1,169.82	3/4	803.58	3/4	438.14	3/4	97.67	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/20/2004 INS
RECALCULATED: 08/23/2019 SW
REPRINTED: 08/26/2019 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

P.O. Box 2092
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BARGE "MMI 3044"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03 1/4"

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	4,878.92	0	4,567.70	0	4,225.10	0	3,882.10	0	3,539.09	0	3,196.08	0	2,853.07
1/4		1/4		1/4		1/4	4,875.73	1/4	4,560.59	1/4	4,217.96	1/4	3,874.95	1/4	3,531.94	1/4	3,188.93	1/4	2,845.93
1/2		1/2		1/2		1/2	4,872.55	1/2	4,553.47	1/2	4,210.81	1/2	3,867.81	1/2	3,524.80	1/2	3,181.79	1/2	2,838.78
3/4		3/4		3/4		3/4	4,868.31	3/4	4,546.36	3/4	4,203.66	3/4	3,860.66	3/4	3,517.65	3/4	3,174.64	3/4	2,831.63
1		1		1		1	4,864.07	1	4,539.24	1	4,196.52	1	3,853.51	1	3,510.50	1	3,167.50	1	2,824.49
1/4		1/4		1/4		1/4	4,859.82	1/4	4,532.13	1/4	4,189.37	1/4	3,846.37	1/4	3,503.36	1/4	3,160.35	1/4	2,817.34
1/2		1/2		1/2		1/2	4,855.58	1/2	4,525.01	1/2	4,182.23	1/2	3,839.22	1/2	3,496.21	1/2	3,153.21	1/2	2,810.20
3/4		3/4		3/4		3/4	4,850.28	3/4	4,517.90	3/4	4,175.08	3/4	3,832.07	3/4	3,489.06	3/4	3,146.06	3/4	2,803.05
2		2		2		2	4,844.97	2	4,510.79	2	4,167.94	2	3,824.93	2	3,481.92	2	3,138.91	2	2,795.90
1/4		1/4		1/4		1/4	4,839.67	1/4	4,503.67	1/4	4,160.79	1/4	3,817.78	1/4	3,474.77	1/4	3,131.77	1/4	2,788.76
1/2		1/2		1/2		1/2	4,834.36	1/2	4,496.56	1/2	4,153.65	1/2	3,810.64	1/2	3,467.63	1/2	3,124.62	1/2	2,781.61
3/4		3/4		3/4		3/4	4,828.03	3/4	4,489.44	3/4	4,146.50	3/4	3,803.49	3/4	3,460.48	3/4	3,117.47	3/4	2,774.46
3		3		3		3	4,821.70	3	4,482.32	3	4,139.35	3	3,796.34	3	3,453.34	3	3,110.33	3	2,767.32
1/4		1/4		1/4		1/4	4,815.37	1/4	4,475.19	1/4	4,132.21	1/4	3,789.20	1/4	3,446.19	1/4	3,103.18	1/4	2,760.17
1/2		1/2		1/2		1/2	4,809.04	1/2	4,468.07	1/2	4,125.06	1/2	3,782.05	1/2	3,439.05	1/2	3,096.04	1/2	2,753.03
3/4		3/4		3/4		3/4	4,802.06	3/4	4,460.93	3/4	4,117.91	3/4	3,774.90	3/4	3,431.90	3/4	3,088.89	3/4	2,745.88
4		4		4		4	4,795.08	4	4,453.78	4	4,110.77	4	3,767.76	4	3,424.75	4	3,081.74	4	2,738.74
1/4		1/4		1/4		1/4	4,788.10	1/4	4,446.64	1/4	4,103.62	1/4	3,760.61	1/4	3,417.61	1/4	3,074.60	1/4	2,731.59
1/2		1/2		1/2		1/2	4,781.12	1/2	4,439.49	1/2	4,096.48	1/2	3,753.47	1/2	3,410.46	1/2	3,067.45	1/2	2,724.45
3/4		3/4		3/4		3/4	4,774.01	3/4	4,432.34	3/4	4,089.33	3/4	3,746.32	3/4	3,403.31	3/4	3,060.30	3/4	2,717.30
5		5		5		5	4,766.89	5	4,425.20	5	4,082.18	5	3,739.18	5	3,396.17	5	3,053.16	5	2,710.15
1/4		1/4		1/4		1/4	4,759.78	1/4	4,418.05	1/4	4,075.04	1/4	3,732.03	1/4	3,389.02	1/4	3,046.01	1/4	2,703.01
1/2		1/2		1/2		1/2	4,752.66	1/2	4,410.90	1/2	4,067.89	1/2	3,724.89	1/2	3,381.88	1/2	3,038.87	1/2	2,695.86
3/4		3/4		3/4		3/4	4,745.55	3/4	4,403.76	3/4	4,060.74	3/4	3,717.74	3/4	3,374.73	3/4	3,031.72	3/4	2,688.71
6		6		6		6	4,738.44	6	4,396.61	6	4,053.60	6	3,710.59	6	3,367.58	6	3,024.58	6	2,681.57
1/4		1/4		1/4		1/4	4,731.32	1/4	4,389.47	1/4	4,046.45	1/4	3,703.45	1/4	3,360.44	1/4	3,017.43	1/4	2,674.42
1/2		1/2		1/2		1/2	4,724.21	1/2	4,382.32	1/2	4,039.31	1/2	3,696.30	1/2	3,353.29	1/2	3,010.29	1/2	2,667.28
3/4		3/4		3/4		3/4	4,717.10	3/4	4,375.17	3/4	4,032.16	3/4	3,689.15	3/4	3,346.14	3/4	3,003.14	3/4	2,660.13
7		7		7		7	4,709.98	7	4,368.03	7	4,025.02	7	3,682.01	7	3,339.00	7	2,995.99	7	2,652.98
1/4		1/4		1/4		1/4	4,702.87	1/4	4,360.88	1/4	4,017.87	1/4	3,674.86	1/4	3,331.85	1/4	2,988.85	1/4	2,645.84
1/2		1/2		1/2		1/2	4,695.75	1/2	4,353.73	1/2	4,010.73	1/2	3,667.72	1/2	3,324.71	1/2	2,981.70	1/2	2,638.69
3/4		3/4		3/4		3/4	4,688.64	3/4	4,346.59	3/4	4,003.58	3/4	3,660.57	3/4	3,317.56	3/4	2,974.55	3/4	2,631.54
8		8		8		8	4,681.52	8	4,339.44	8	3,996.43	8	3,653.42	8	3,310.42	8	2,967.41	8	2,624.40
1/4		1/4		1/4		1/4	4,674.41	1/4	4,332.29	1/4	3,989.29	1/4	3,646.28	1/4	3,303.27	1/4	2,960.26	1/4	2,617.25
1/2		1/2		1/2		1/2	4,667.29	1/2	4,325.15	1/2	3,982.14	1/2	3,639.13	1/2	3,296.13	1/2	2,953.12	1/2	2,610.11
3/4		3/4		3/4		3/4	4,660.18	3/4	4,318.00	3/4	3,974.99	3/4	3,631.98	3/4	3,288.98	3/4	2,945.97	3/4	2,602.96
9		9		9	4,898.91	9	4,653.07	9	4,310.86	9	3,967.85	9	3,624.84	9	3,281.83	9	2,938.82	9	2,595.82
1/4		1/4		1/4	4,898.52	1/4	4,645.95	1/4	4,303.71	1/4	3,960.70	1/4	3,617.69	1/4	3,274.69	1/4	2,931.68	1/4	2,588.67
1/2		1/2		1/2	4,898.12	1/2	4,638.84	1/2	4,296.57	1/2	3,953.56	1/2	3,610.55	1/2	3,267.54	1/2	2,924.53	1/2	2,581.53
3/4		3/4		3/4	4,897.03	3/4	4,631.73	3/4	4,289.42	3/4	3,946.41	3/4	3,603.40	3/4	3,260.39	3/4	2,917.38	3/4	2,574.38
10		10		10	4,895.94	10	4,624.61	10	4,282.27	10	3,939.26	10	3,596.26	10	3,253.25	10	2,910.24	10	2,567.23
1/4		1/4		1/4	4,894.85	1/4	4,617.50	1/4	4,275.13	1/4	3,932.12	1/4	3,589.11	1/4	3,246.10	1/4	2,903.09	1/4	2,560.09
1/2		1/2		1/2	4,893.76	1/2	4,610.38	1/2	4,267.98	1/2	3,924.97	1/2	3,581.97	1/2	3,238.96	1/2	2,895.95	1/2	2,552.94
3/4		3/4		3/4	4,891.64	3/4	4,603.27	3/4	4,260.83	3/4	3,917.82	3/4	3,574.82	3/4	3,231.81	3/4	2,888.80	3/4	2,545.79
11		11		11	4,889.52	11	4,596.16	11	4,253.69	11	3,910.68	11	3,567.67	11	3,224.66	11	2,881.66	11	2,538.65
1/4		1/4		1/4	4,887.40	1/4	4,589.04	1/4	4,246.54	1/4	3,903.53	1/4	3,560.53	1/4	3,217.52	1/4	2,874.51	1/4	2,531.50
1/2		1/2		1/2	4,885.28	1/2	4,581.93	1/2	4,239.40	1/2	3,896.39	1/2	3,553.38	1/2	3,210.37	1/2	2,867.37	1/2	2,524.36
3/4		3/4		3/4	4,882.10	3/4	4,574.82	3/4	4,232.25	3/4	3,889.24	3/4	3,546.23	3/4	3,203.22	3/4	2,860.22	3/4	2,517.21

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'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMI 3044"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03 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	2,510.06	0	2,167.06	0	1,824.05	0	1,481.04	0	1,138.03	0	795.02	0	452.02	0	109.55	0		0	
1/4	2,502.92	1/4	2,159.91	1/4	1,816.90	1/4	1,473.89	1/4	1,130.89	1/4	787.88	1/4	444.87	1/4	102.67	1/4		1/4	
1/2	2,495.77	1/2	2,152.77	1/2	1,809.76	1/2	1,466.75	1/2	1,123.74	1/2	780.73	1/2	437.73	1/2	95.80	1/2		1/2	
3/4	2,488.62	3/4	2,145.62	3/4	1,802.61	3/4	1,459.60	3/4	1,116.59	3/4	773.59	3/4	430.58	3/4	89.01	3/4		3/4	
1	2,481.48	1	2,138.47	1	1,795.46	1	1,452.46	1	1,109.45	1	766.44	1	423.43	1	82.22	1		1	
1/4	2,474.33	1/4	2,131.33	1/4	1,788.32	1/4	1,445.31	1/4	1,102.30	1/4	759.30	1/4	416.29	1/4	75.44	1/4		1/4	
1/2	2,467.19	1/2	2,124.18	1/2	1,781.17	1/2	1,438.17	1/2	1,095.16	1/2	752.16	1/2	409.14	1/2	68.65	1/2		1/2	
3/4	2,460.04	3/4	2,117.03	3/4	1,774.02	3/4	1,431.02	3/4	1,088.01	3/4	745.01	3/4	401.99	3/4	61.99	3/4		3/4	
2	2,452.90	2	2,109.89	2	1,766.88	2	1,423.87	2	1,080.86	2	737.86	2	394.85	2	55.33	2		2	
1/4	2,445.75	1/4	2,102.74	1/4	1,759.73	1/4	1,416.73	1/4	1,073.72	1/4	730.72	1/4	387.70	1/4	48.67	1/4		1/4	
1/2	2,438.61	1/2	2,095.60	1/2	1,752.59	1/2	1,409.58	1/2	1,066.57	1/2	723.57	1/2	380.56	1/2	42.01	1/2		1/2	
3/4	2,431.46	3/4	2,088.45	3/4	1,745.44	3/4	1,402.43	3/4	1,059.42	3/4	716.42	3/4	373.41	3/4	36.87	3/4		3/4	
3	2,424.31	3	2,081.30	3	1,738.30	3	1,395.29	3	1,052.28	3	709.27	3	366.26	3	31.73	3		3	
1/4	2,417.17	1/4	2,074.16	1/4	1,731.15	1/4	1,388.14	1/4	1,045.13	1/4	702.13	1/4	359.12	1/4	26.59	1/4		1/4	
1/2	2,410.02	1/2	2,067.01	1/2	1,724.01	1/2	1,381.00	1/2	1,037.99	1/2	694.98	1/2	351.97	1/2		1/2		1/2	
3/4	2,402.87	3/4	2,059.86	3/4	1,716.86	3/4	1,373.85	3/4	1,030.84	3/4	687.83	3/4	344.82	3/4		3/4		3/4	
4	2,395.73	4	2,052.72	4	1,709.71	4	1,366.70	4	1,023.70	4	680.69	4	337.68	4		4		4	
1/4	2,388.58	1/4	2,045.57	1/4	1,702.57	1/4	1,359.56	1/4	1,016.55	1/4	673.54	1/4	330.53	1/4		1/4		1/4	
1/2	2,381.44	1/2	2,038.43	1/2	1,695.42	1/2	1,352.41	1/2	1,009.41	1/2	666.40	1/2	323.39	1/2		1/2		1/2	
3/4	2,374.29	3/4	2,031.28	3/4	1,688.27	3/4	1,345.26	3/4	1,002.26	3/4	659.25	3/4	316.24	3/4		3/4		3/4	
5	2,367.14	5	2,024.14	5	1,681.13	5	1,338.12	5	995.11	5	652.10	5	309.10	5		5		5	
1/4	2,360.00	1/4	2,016.99	1/4	1,673.98	1/4	1,330.97	1/4	987.97	1/4	644.96	1/4	301.95	1/4		1/4		1/4	
1/2	2,352.85	1/2	2,009.85	1/2	1,666.84	1/2	1,323.83	1/2	980.82	1/2	637.81	1/2	294.81	1/2		1/2		1/2	
3/4	2,345.70	3/4	2,002.70	3/4	1,659.69	3/4	1,316.68	3/4	973.67	3/4	630.66	3/4	287.66	3/4		3/4		3/4	
6	2,338.56	6	1,995.55	6	1,652.54	6	1,309.54	6	966.53	6	623.52	6	280.51	6		6		6	
1/4	2,331.41	1/4	1,988.41	1/4	1,645.40	1/4	1,302.39	1/4	959.38	1/4	616.37	1/4	273.37	1/4		1/4		1/4	
1/2	2,324.27	1/2	1,981.26	1/2	1,638.25	1/2	1,295.25	1/2	952.24	1/2	609.23	1/2	266.22	1/2		1/2		1/2	
3/4	2,317.12	3/4	1,974.11	3/4	1,631.10	3/4	1,288.10	3/4	945.09	3/4	602.08	3/4	259.07	3/4		3/4		3/4	
7	2,309.98	7	1,966.97	7	1,623.96	7	1,280.95	7	937.94	7	594.94	7	251.93	7		7		7	
1/4	2,302.83	1/4	1,959.82	1/4	1,616.81	1/4	1,273.81	1/4	930.80	1/4	587.79	1/4	244.78	1/4		1/4		1/4	
1/2	2,295.69	1/2	1,952.68	1/2	1,609.67	1/2	1,266.66	1/2	923.65	1/2	580.65	1/2	237.64	1/2		1/2		1/2	
3/4	2,288.54	3/4	1,945.53	3/4	1,602.52	3/4	1,259.51	3/4	916.50	3/4	573.50	3/4	230.49	3/4		3/4		3/4	
8	2,281.39	8	1,938.38	8	1,595.38	8	1,252.37	8	909.36	8	566.35	8	223.34	8		8		8	
1/4	2,274.25	1/4	1,931.24	1/4	1,588.23	1/4	1,245.22	1/4	902.21	1/4	559.21	1/4	216.20	1/4		1/4		1/4	
1/2	2,267.10	1/2	1,924.09	1/2	1,581.09	1/2	1,238.08	1/2	895.07	1/2	552.06	1/2	209.05	1/2		1/2		1/2	
3/4	2,259.95	3/4	1,916.94	3/4	1,573.94	3/4	1,230.93	3/4	887.92	3/4	544.91	3/4	201.90	3/4		3/4		3/4	
9	2,252.81	9	1,909.80	9	1,566.79	9	1,223.78	9	880.78	9	537.77	9	194.76	9		9		9	
1/4	2,245.66	1/4	1,902.65	1/4	1,559.65	1/4	1,216.64	1/4	873.63	1/4	530.62	1/4	187.61	1/4		1/4		1/4	
1/2	2,238.52	1/2	1,895.51	1/2	1,552.50	1/2	1,209.49	1/2	866.49	1/2	523.48	1/2	180.47	1/2		1/2		1/2	
3/4	2,231.37	3/4	1,888.36	3/4	1,545.35	3/4	1,202.34	3/4	859.34	3/4	516.33	3/4	173.32	3/4		3/4		3/4	
10	2,224.22	10	1,881.22	10	1,538.21	10	1,195.20	10	852.19	10	509.18	10	166.18	10		10		10	
1/4	2,217.08	1/4	1,874.07	1/4	1,531.06	1/4	1,188.05	1/4	845.05	1/4	502.04	1/4	159.03	1/4		1/4		1/4	
1/2	2,209.93	1/2	1,866.93	1/2	1,523.92	1/2	1,180.91	1/2	837.90	1/2	494.89	1/2	151.89	1/2		1/2		1/2	
3/4	2,202.78	3/4	1,859.78	3/4	1,516.77	3/4	1,173.76	3/4	830.75	3/4	487.74	3/4	144.74	3/4		3/4		3/4	
11	2,195.64	11	1,852.63	11	1,509.62	11	1,166.62	11	823.61	11	480.60	11	137.59	11		11		11	
1/4	2,188.49	1/4	1,845.49	1/4	1,502.48	1/4	1,159.47	1/4	816.46	1/4	473.45	1/4	130.45	1/4		1/4		1/4	
1/2	2,181.35	1/2	1,838.34	1/2	1,495.33	1/2	1,152.33	1/2	809.32	1/2	466.31	1/2	123.30	1/2		1/2		1/2	
3/4	2,174.20	3/4	1,831.19	3/4	1,488.18	3/4	1,145.18	3/4	802.17	3/4	459.16	3/4	116.42	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/20/2004 INS
RECALCULATED: 08/23/2019 SW
REPRINTED: 08/26/2019 SW

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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019





BARGE "MMI 3044"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03 1/2"

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	4,882.10	0	4,574.82	0	4,232.25	0	3,889.24	0	3,546.23	0	3,203.22	0	2,860.22
1/4		1/4		1/4		1/4	4,878.92	1/4	4,567.70	1/4	4,225.10	1/4	3,882.10	1/4	3,539.09	1/4	3,196.08	1/4	2,853.07
1/2		1/2		1/2		1/2	4,875.73	1/2	4,560.59	1/2	4,217.96	1/2	3,874.95	1/2	3,531.94	1/2	3,188.93	1/2	2,845.93
3/4		3/4		3/4		3/4	4,872.55	3/4	4,553.47	3/4	4,210.81	3/4	3,867.81	3/4	3,524.80	3/4	3,181.79	3/4	2,838.78
1		1		1		1	4,868.31	1	4,546.36	1	4,203.66	1	3,860.66	1	3,517.65	1	3,174.64	1	2,831.63
1/4		1/4		1/4		1/4	4,864.07	1/4	4,539.24	1/4	4,196.52	1/4	3,853.51	1/4	3,510.50	1/4	3,167.50	1/4	2,824.49
1/2		1/2		1/2		1/2	4,859.82	1/2	4,532.13	1/2	4,189.37	1/2	3,846.37	1/2	3,503.36	1/2	3,160.35	1/2	2,817.34
3/4		3/4		3/4		3/4	4,855.58	3/4	4,525.01	3/4	4,182.23	3/4	3,839.22	3/4	3,496.21	3/4	3,153.21	3/4	2,810.20
2		2		2		2	4,850.28	2	4,517.90	2	4,175.08	2	3,832.07	2	3,489.06	2	3,146.06	2	2,803.05
1/4		1/4		1/4		1/4	4,844.97	1/4	4,510.79	1/4	4,167.94	1/4	3,824.93	1/4	3,481.92	1/4	3,138.91	1/4	2,795.90
1/2		1/2		1/2		1/2	4,839.67	1/2	4,503.67	1/2	4,160.79	1/2	3,817.78	1/2	3,474.77	1/2	3,131.77	1/2	2,788.76
3/4		3/4		3/4		3/4	4,834.36	3/4	4,496.56	3/4	4,153.65	3/4	3,810.64	3/4	3,467.63	3/4	3,124.62	3/4	2,781.61
3		3		3		3	4,828.03	3	4,489.44	3	4,146.50	3	3,803.49	3	3,460.48	3	3,117.47	3	2,774.46
1/4		1/4		1/4		1/4	4,821.70	1/4	4,482.32	1/4	4,139.35	1/4	3,796.34	1/4	3,453.34	1/4	3,110.33	1/4	2,767.32
1/2		1/2		1/2		1/2	4,815.37	1/2	4,475.19	1/2	4,132.21	1/2	3,789.20	1/2	3,446.19	1/2	3,103.18	1/2	2,760.17
3/4		3/4		3/4		3/4	4,809.04	3/4	4,468.07	3/4	4,125.06	3/4	3,782.05	3/4	3,439.05	3/4	3,096.04	3/4	2,753.03
4		4		4		4	4,802.06	4	4,460.93	4	4,117.91	4	3,774.90	4	3,431.90	4	3,088.89	4	2,745.88
1/4		1/4		1/4		1/4	4,795.08	1/4	4,453.78	1/4	4,110.77	1/4	3,767.76	1/4	3,424.75	1/4	3,081.74	1/4	2,738.74
1/2		1/2		1/2		1/2	4,788.10	1/2	4,446.64	1/2	4,103.62	1/2	3,760.61	1/2	3,417.61	1/2	3,074.60	1/2	2,731.59
3/4		3/4		3/4		3/4	4,781.12	3/4	4,439.49	3/4	4,096.48	3/4	3,753.47	3/4	3,410.46	3/4	3,067.45	3/4	2,724.45
5		5		5		5	4,774.01	5	4,432.34	5	4,089.33	5	3,746.32	5	3,403.31	5	3,060.30	5	2,717.30
1/4		1/4		1/4		1/4	4,766.89	1/4	4,425.20	1/4	4,082.18	1/4	3,739.18	1/4	3,396.17	1/4	3,053.16	1/4	2,710.15
1/2		1/2		1/2		1/2	4,759.78	1/2	4,418.05	1/2	4,075.04	1/2	3,732.03	1/2	3,389.02	1/2	3,046.01	1/2	2,703.01
3/4		3/4		3/4		3/4	4,752.66	3/4	4,410.90	3/4	4,067.89	3/4	3,724.89	3/4	3,381.88	3/4	3,038.87	3/4	2,695.86
6		6		6		6	4,745.55	6	4,403.76	6	4,060.74	6	3,717.74	6	3,374.73	6	3,031.72	6	2,688.71
1/4		1/4		1/4		1/4	4,738.44	1/4	4,396.61	1/4	4,053.60	1/4	3,710.59	1/4	3,367.58	1/4	3,024.58	1/4	2,681.57
1/2		1/2		1/2		1/2	4,731.32	1/2	4,389.47	1/2	4,046.45	1/2	3,703.45	1/2	3,360.44	1/2	3,017.43	1/2	2,674.42
3/4		3/4		3/4		3/4	4,724.21	3/4	4,382.32	3/4	4,039.31	3/4	3,696.30	3/4	3,353.29	3/4	3,010.29	3/4	2,667.28
7		7		7		7	4,717.10	7	4,375.17	7	4,032.16	7	3,689.15	7	3,346.14	7	3,003.14	7	2,660.13
1/4		1/4		1/4		1/4	4,709.98	1/4	4,368.03	1/4	4,025.02	1/4	3,682.01	1/4	3,339.00	1/4	2,995.99	1/4	2,652.98
1/2		1/2		1/2		1/2	4,702.87	1/2	4,360.88	1/2	4,017.87	1/2	3,674.86	1/2	3,331.85	1/2	2,988.85	1/2	2,645.84
3/4		3/4		3/4		3/4	4,695.75	3/4	4,353.73	3/4	4,010.73	3/4	3,667.72	3/4	3,324.71	3/4	2,981.70	3/4	2,638.69
8		8		8		8	4,688.64	8	4,346.59	8	4,003.58	8	3,660.57	8	3,317.56	8	2,974.55	8	2,631.54
1/4		1/4		1/4		1/4	4,681.52	1/4	4,339.44	1/4	3,996.43	1/4	3,653.42	1/4	3,310.42	1/4	2,967.41	1/4	2,624.40
1/2		1/2		1/2		1/2	4,674.41	1/2	4,332.29	1/2	3,989.29	1/2	3,646.28	1/2	3,303.27	1/2	2,960.26	1/2	2,617.25
3/4		3/4		3/4		3/4	4,667.29	3/4	4,325.15	3/4	3,982.14	3/4	3,639.13	3/4	3,296.13	3/4	2,953.12	3/4	2,610.11
9		9		9		9	4,660.18	9	4,318.00	9	3,974.99	9	3,631.98	9	3,288.98	9	2,945.97	9	2,602.96
1/4		1/4		1/4	4,898.91	1/4	4,653.07	1/4	4,310.86	1/4	3,967.85	1/4	3,624.84	1/4	3,281.83	1/4	2,938.82	1/4	2,595.82
1/2		1/2		1/2	4,898.52	1/2	4,645.95	1/2	4,303.71	1/2	3,960.70	1/2	3,617.69	1/2	3,274.69	1/2	2,931.68	1/2	2,588.67
3/4		3/4		3/4	4,898.12	3/4	4,638.84	3/4	4,296.57	3/4	3,953.56	3/4	3,610.55	3/4	3,267.54	3/4	2,924.53	3/4	2,581.53
10		10		10	4,897.03	10	4,631.73	10	4,289.42	10	3,946.41	10	3,603.40	10	3,260.39	10	2,917.38	10	2,574.38
1/4		1/4		1/4	4,895.94	1/4	4,624.61	1/4	4,282.27	1/4	3,939.26	1/4	3,596.26	1/4	3,253.25	1/4	2,910.24	1/4	2,567.23
1/2		1/2		1/2	4,894.85	1/2	4,617.50	1/2	4,275.13	1/2	3,932.12	1/2	3,589.11	1/2	3,246.10	1/2	2,903.09	1/2	2,560.09
3/4		3/4		3/4	4,893.76	3/4	4,610.38	3/4	4,267.98	3/4	3,924.97	3/4	3,581.97	3/4	3,238.96	3/4	2,895.95	3/4	2,552.94
11		11		11	4,891.64	11	4,603.27	11	4,260.83	11	3,917.82	11	3,574.82	11	3,231.81	11	2,888.80	11	2,545.79
1/4		1/4		1/4	4,889.52	1/4	4,596.16	1/4	4,253.69	1/4	3,910.68	1/4	3,567.67	1/4	3,224.66	1/4	2,881.66	1/4	2,538.65
1/2		1/2		1/2	4,887.40	1/2	4,589.04	1/2	4,246.54	1/2	3,903.53	1/2	3,560.53	1/2	3,217.52	1/2	2,874.51	1/2	2,531.50
3/4		3/4		3/4	4,885.28	3/4	4,581.93	3/4	4,239.40	3/4	3,896.39	3/4	3,553.38	3/4	3,210.37	3/4	2,867.37	3/4	2,524.36

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'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMI 3044"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03 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	2,517.21	0	2,174.20	0	1,831.19	0	1,488.18	0	1,145.18	0	802.17	0	459.16	0	116.42	0		0	
1/4	2,510.06	1/4	2,167.06	1/4	1,824.05	1/4	1,481.04	1/4	1,138.03	1/4	795.02	1/4	452.02	1/4	109.55	1/4		1/4	
1/2	2,502.92	1/2	2,159.91	1/2	1,816.90	1/2	1,473.89	1/2	1,130.89	1/2	787.88	1/2	444.87	1/2	102.67	1/2		1/2	
3/4	2,495.77	3/4	2,152.77	3/4	1,809.76	3/4	1,466.75	3/4	1,123.74	3/4	780.73	3/4	437.73	3/4	95.80	3/4		3/4	
1	2,488.62	1	2,145.62	1	1,802.61	1	1,459.60	1	1,116.59	1	773.59	1	430.58	1	89.01	1		1	
1/4	2,481.48	1/4	2,138.47	1/4	1,795.46	1/4	1,452.46	1/4	1,109.45	1/4	766.44	1/4	423.43	1/4	82.22	1/4		1/4	
1/2	2,474.33	1/2	2,131.33	1/2	1,788.32	1/2	1,445.31	1/2	1,102.30	1/2	759.30	1/2	416.29	1/2	75.44	1/2		1/2	
3/4	2,467.19	3/4	2,124.18	3/4	1,781.17	3/4	1,438.17	3/4	1,095.16	3/4	752.16	3/4	409.14	3/4	68.65	3/4		3/4	
2	2,460.04	2	2,117.03	2	1,774.02	2	1,431.02	2	1,088.01	2	745.01	2	401.99	2	61.99	2		2	
1/4	2,452.90	1/4	2,109.89	1/4	1,766.88	1/4	1,423.87	1/4	1,080.86	1/4	737.86	1/4	394.85	1/4	55.33	1/4		1/4	
1/2	2,445.75	1/2	2,102.74	1/2	1,759.73	1/2	1,416.73	1/2	1,073.72	1/2	730.72	1/2	387.70	1/2	48.67	1/2		1/2	
3/4	2,438.61	3/4	2,095.60	3/4	1,752.59	3/4	1,409.58	3/4	1,066.57	3/4	723.57	3/4	380.56	3/4	42.01	3/4		3/4	
3	2,431.46	3	2,088.45	3	1,745.44	3	1,402.43	3	1,059.42	3	716.42	3	373.41	3	36.87	3		3	
1/4	2,424.31	1/4	2,081.30	1/4	1,738.30	1/4	1,395.29	1/4	1,052.28	1/4	709.27	1/4	366.26	1/4	31.73	1/4		1/4	
1/2	2,417.17	1/2	2,074.16	1/2	1,731.15	1/2	1,388.14	1/2	1,045.13	1/2	702.13	1/2	359.12	1/2	26.59	1/2		1/2	
3/4	2,410.02	3/4	2,067.01	3/4	1,724.01	3/4	1,381.00	3/4	1,037.99	3/4	694.98	3/4	351.97	3/4		3/4		3/4	
4	2,402.87	4	2,059.86	4	1,716.86	4	1,373.85	4	1,030.84	4	687.83	4	344.82	4		4		4	
1/4	2,395.73	1/4	2,052.72	1/4	1,709.71	1/4	1,366.70	1/4	1,023.70	1/4	680.69	1/4	337.68	1/4		1/4		1/4	
1/2	2,388.58	1/2	2,045.57	1/2	1,702.57	1/2	1,359.56	1/2	1,016.55	1/2	673.54	1/2	330.53	1/2		1/2		1/2	
3/4	2,381.44	3/4	2,038.43	3/4	1,695.42	3/4	1,352.41	3/4	1,009.41	3/4	666.40	3/4	323.39	3/4		3/4		3/4	
5	2,374.29	5	2,031.28	5	1,688.27	5	1,345.26	5	1,002.26	5	659.25	5	316.24	5		5		5	
1/4	2,367.14	1/4	2,024.14	1/4	1,681.13	1/4	1,338.12	1/4	995.11	1/4	652.10	1/4	309.10	1/4		1/4		1/4	
1/2	2,360.00	1/2	2,016.99	1/2	1,673.98	1/2	1,330.97	1/2	987.97	1/2	644.96	1/2	301.95	1/2		1/2		1/2	
3/4	2,352.85	3/4	2,009.85	3/4	1,666.84	3/4	1,323.83	3/4	980.82	3/4	637.81	3/4	294.81	3/4		3/4		3/4	
6	2,345.70	6	2,002.70	6	1,659.69	6	1,316.68	6	973.67	6	630.66	6	287.66	6		6		6	
1/4	2,338.56	1/4	1,995.55	1/4	1,652.54	1/4	1,309.54	1/4	966.53	1/4	623.52	1/4	280.51	1/4		1/4		1/4	
1/2	2,331.41	1/2	1,988.41	1/2	1,645.40	1/2	1,302.39	1/2	959.38	1/2	616.37	1/2	273.37	1/2		1/2		1/2	
3/4	2,324.27	3/4	1,981.26	3/4	1,638.25	3/4	1,295.25	3/4	952.24	3/4	609.23	3/4	266.22	3/4		3/4		3/4	
7	2,317.12	7	1,974.11	7	1,631.10	7	1,288.10	7	945.09	7	602.08	7	259.07	7		7		7	
1/4	2,309.98	1/4	1,966.97	1/4	1,623.96	1/4	1,280.95	1/4	937.94	1/4	594.94	1/4	251.93	1/4		1/4		1/4	
1/2	2,302.83	1/2	1,959.82	1/2	1,616.81	1/2	1,273.81	1/2	930.80	1/2	587.79	1/2	244.78	1/2		1/2		1/2	
3/4	2,295.69	3/4	1,952.68	3/4	1,609.67	3/4	1,266.66	3/4	923.65	3/4	580.65	3/4	237.64	3/4		3/4		3/4	
8	2,288.54	8	1,945.53	8	1,602.52	8	1,259.51	8	916.50	8	573.50	8	230.49	8		8		8	
1/4	2,281.39	1/4	1,938.38	1/4	1,595.38	1/4	1,252.37	1/4	909.36	1/4	566.35	1/4	223.34	1/4		1/4		1/4	
1/2	2,274.25	1/2	1,931.24	1/2	1,588.23	1/2	1,245.22	1/2	902.21	1/2	559.21	1/2	216.20	1/2		1/2		1/2	
3/4	2,267.10	3/4	1,924.09	3/4	1,581.09	3/4	1,238.08	3/4	895.07	3/4	552.06	3/4	209.05	3/4		3/4		3/4	
9	2,259.95	9	1,916.94	9	1,573.94	9	1,230.93	9	887.92	9	544.91	9	201.90	9		9		9	
1/4	2,252.81	1/4	1,909.80	1/4	1,566.79	1/4	1,223.78	1/4	880.78	1/4	537.77	1/4	194.76	1/4		1/4		1/4	
1/2	2,245.66	1/2	1,902.65	1/2	1,559.65	1/2	1,216.64	1/2	873.63	1/2	530.62	1/2	187.61	1/2		1/2		1/2	
3/4	2,238.52	3/4	1,895.51	3/4	1,552.50	3/4	1,209.49	3/4	866.49	3/4	523.48	3/4	180.47	3/4		3/4		3/4	
10	2,231.37	10	1,888.36	10	1,545.35	10	1,202.34	10	859.34	10	516.33	10	173.32	10		10		10	
1/4	2,224.22	1/4	1,881.22	1/4	1,538.21	1/4	1,195.20	1/4	852.19	1/4	509.18	1/4	166.18	1/4		1/4		1/4	
1/2	2,217.08	1/2	1,874.07	1/2	1,531.06	1/2	1,188.05	1/2	845.05	1/2	502.04	1/2	159.03	1/2		1/2		1/2	
3/4	2,209.93	3/4	1,866.93	3/4	1,523.92	3/4	1,180.91	3/4	837.90	3/4	494.89	3/4	151.89	3/4		3/4		3/4	
11	2,202.78	11	1,859.78	11	1,516.77	11	1,173.76	11	830.75	11	487.74	11	144.74	11		11		11	
1/4	2,195.64	1/4	1,852.63	1/4	1,509.62	1/4	1,166.62	1/4	823.61	1/4	480.60	1/4	137.59	1/4		1/4		1/4	
1/2	2,188.49	1/2	1,845.49	1/2	1,502.48	1/2	1,159.47	1/2	816.46	1/2	473.45	1/2	130.45	1/2		1/2		1/2	
3/4	2,181.35	3/4	1,838.34	3/4	1,495.33	3/4	1,152.33	3/4	809.32	3/4	466.31	3/4	123.30	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/20/2004 INS
RECALCULATED: 08/23/2019 SW
REPRINTED: 08/26/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT
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BARGE "MMI 3044"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03"

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	4,686.86	0	4,453.71	0	4,200.94	0	3,948.17	0	3,695.40	0	3,389.84	0	3,024.95		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,684.51	1/4	4,448.44	1/4	4,195.67	1/4	3,942.91	1/4	3,690.14	1/4	3,382.24	1/4	3,017.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,681.39	1/2	4,443.17	1/2	4,190.40	1/2	3,937.64	1/2	3,684.87	1/2	3,374.64	1/2	3,009.75		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,678.27	3/4	4,437.91	3/4	4,185.14	3/4	3,932.37	3/4	3,679.60	3/4	3,367.04	3/4	3,002.14		
1	1	1	1	1	1	1	4,675.14	1	4,432.64	1	4,179.87	1	3,927.11	1	3,674.34	1	3,359.44	1	2,994.54		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,672.02	1/4	4,427.38	1/4	4,174.61	1/4	3,921.84	1/4	3,669.07	1/4	3,351.84	1/4	2,986.94		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,668.11	1/2	4,422.11	1/2	4,169.34	1/2	3,916.57	1/2	3,663.80	1/2	3,344.24	1/2	2,979.34		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,664.20	3/4	4,416.84	3/4	4,164.08	3/4	3,911.31	3/4	3,658.54	3/4	3,336.63	3/4	2,971.73		
2	2	2	2	2	2	2	4,660.30	2	4,411.58	2	4,158.81	2	3,906.04	2	3,653.27	2	3,329.03	2	2,964.13		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,656.39	1/4	4,406.31	1/4	4,153.55	1/4	3,900.78	1/4	3,648.01	1/4	3,321.43	1/4	2,956.53		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,651.70	1/2	4,401.04	1/2	4,148.28	1/2	3,895.51	1/2	3,642.71	1/2	3,313.83	1/2	2,948.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,647.01	3/4	4,395.78	3/4	4,143.01	3/4	3,890.24	3/4	3,637.41	3/4	3,306.22	3/4	2,941.32		
3	3	3	3	3	3	3	4,642.33	3	4,390.51	3	4,137.75	3	3,884.98	3	3,632.11	3	3,298.62	3	2,933.72		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,637.64	1/4	4,385.25	1/4	4,132.48	1/4	3,879.71	1/4	3,626.81	1/4	3,291.02	1/4	2,926.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,632.47	1/2	4,379.98	1/2	4,127.21	1/2	3,874.44	1/2	3,621.25	1/2	3,283.42	1/2	2,918.52		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,627.29	3/4	4,374.72	3/4	4,121.95	3/4	3,869.18	3/4	3,615.69	3/4	3,275.81	3/4	2,910.92		
4	4	4	4	4	4	4	4,622.12	4	4,369.45	4	4,116.68	4	3,863.91	4	3,610.14	4	3,268.21	4	2,903.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,616.95	1/4	4,364.19	1/4	4,111.42	1/4	3,858.65	1/4	3,604.58	1/4	3,260.61	1/4	2,895.72		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,611.68	1/2	4,358.92	1/2	4,106.15	1/2	3,853.39	1/2	3,598.70	1/2	3,253.01	1/2	2,888.12		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,606.42	3/4	4,353.65	3/4	4,100.88	3/4	3,848.12	3/4	3,592.82	3/4	3,245.40	3/4	2,880.51		
5	5	5	5	5	5	5	4,601.15	5	4,348.39	5	4,095.62	5	3,842.86	5	3,586.94	5	3,237.80	5	2,872.91		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,595.89	1/4	4,343.12	1/4	4,090.35	1/4	3,837.59	1/4	3,581.06	1/4	3,230.20	1/4	2,865.31		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,590.62	1/2	4,337.85	1/2	4,085.08	1/2	3,832.32	1/2	3,574.83	1/2	3,222.60	1/2	2,857.71		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,585.36	3/4	4,332.59	3/4	4,079.82	3/4	3,827.06	3/4	3,568.61	3/4	3,215.00	3/4	2,850.10		
6	6	6	6	6	6	6	4,580.09	6	4,327.32	6	4,074.55	6	3,821.79	6	3,562.38	6	3,207.40	6	2,842.50		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,574.83	1/4	4,322.06	1/4	4,069.29	1/4	3,816.52	1/4	3,556.16	1/4	3,199.80	1/4	2,834.90		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,569.56	1/2	4,316.79	1/2	4,064.02	1/2	3,811.25	1/2	3,549.59	1/2	3,192.20	1/2	2,827.30		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,564.29	3/4	4,311.52	3/4	4,058.76	3/4	3,805.99	3/4	3,543.01	3/4	3,184.59	3/4	2,819.69		
7	7	7	7	7	7	7	4,559.03	7	4,306.26	7	4,053.49	7	3,800.72	7	3,536.44	7	3,176.99	7	2,812.09		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,553.76	1/4	4,300.99	1/4	4,048.23	1/4	3,795.46	1/4	3,529.87	1/4	3,169.39	1/4	2,804.49		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,548.49	1/2	4,295.72	1/2	4,042.96	1/2	3,790.19	1/2	3,522.95	1/2	3,161.79	1/2	2,796.89		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,543.23	3/4	4,290.46	3/4	4,037.69	3/4	3,784.92	3/4	3,516.03	3/4	3,154.18	3/4	2,789.28		
8	8	8	8	8	8	8	4,537.96	8	4,285.19	8	4,032.43	8	3,779.66	8	3,509.11	8	3,146.58	8	2,781.68		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,532.70	1/4	4,279.93	1/4	4,027.16	1/4	3,774.39	1/4	3,502.19	1/4	3,138.98	1/4	2,774.08		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,527.43	1/2	4,274.66	1/2	4,021.89	1/2	3,769.12	1/2	3,494.93	1/2	3,131.38	1/2	2,766.48		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,703.93	3/4	4,522.16	3/4	4,269.40	3/4	4,016.63	3/4	3,763.86	3/4	3,487.66	3/4	3,123.77		
9	9	9	9	9	9	9	4,703.64	9	4,516.90	9	4,264.13	9	4,011.36	9	3,758.59	9	3,480.40	9	3,116.17	9	2,751.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,703.35	1/4	4,511.63	1/4	4,258.87	1/4	4,006.10	1/4	3,753.33	1/4	3,473.14	1/4	3,108.57	1/4	2,743.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,702.55	1/2	4,506.36	1/2	4,253.60	1/2	4,000.83	1/2	3,748.06	1/2	3,465.62	1/2	3,100.97	1/2	2,736.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,701.74	3/4	4,501.10	3/4	4,248.33	3/4	3,995.56	3/4	3,742.80	3/4	3,458.10	3/4	3,093.36	3/4	2,728.47
10	10	10	10	10	10	10	4,700.94	10	4,495.83	10	4,243.07	10	3,990.30	10	3,737.53	10	3,450.58	10	3,085.76	10	2,720.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,700.13	1/4	4,490.57	1/4	4,237.80	1/4	3,985.03	1/4	3,732.27	1/4	3,443.06	1/4	3,078.16	1/4	2,713.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,698.57	1/2	4,485.30	1/2	4,232.53	1/2	3,979.76	1/2	3,727.00	1/2	3,435.46	1/2	3,070.56	1/2	2,705.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,697.01	3/4	4,480.04	3/4	4,227.27	3/4	3,974.50	3/4	3,721.73	3/4	3,427.85	3/4	3,062.96	3/4	2,698.06
11	11	11	11	11	11	11	4,695.45	11	4,474.77	11	4,222.00	11	3,969.23	11	3,716.47	11	3,420.25	11	3,055.36	11	2,690.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,693.89	1/4	4,469.51	1/4	4,216.74	1/4	3,963.97	1/4	3,711.20	1/4	3,412.65	1/4	3,047.76	1/4	2,682.86
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,691.55	1/2	4,464.24	1/2	4,211.47	1/2	3,958.70	1/2	3,705.93	1/2	3,405.05	1/2	3,040.16	1/2	2,675.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,689.20	3/4	4,458.97	3/4	4,206.20	3/4	3,953.44	3/4	3,700.67	3/4	3,397.44	3/4	3,032.55	3/4	2,667.65

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'-09" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMI 3044"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03"

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	2,660.05	0	2,295.16	0	1,930.26	0	1,565.36	0	1,200.47	0	837.03	0	473.47	0	109.58	0		0	
1/4	2,652.45	1/4	2,287.56	1/4	1,922.66	1/4	1,557.76	1/4	1,192.87	1/4	829.48	1/4	465.87	1/4	102.25	1/4		1/4	
1/2	2,644.85	1/2	2,279.96	1/2	1,915.06	1/2	1,550.16	1/2	1,185.27	1/2	821.94	1/2	458.27	1/2	95.01	1/2		1/2	
3/4	2,637.24	3/4	2,272.35	3/4	1,907.45	3/4	1,542.56	3/4	1,177.67	3/4	814.39	3/4	450.68	3/4	87.78	3/4		3/4	
1	2,629.64	1	2,264.75	1	1,899.85	1	1,534.96	1	1,170.06	1	806.85	1	443.08	1	80.54	1		1	
1/4	2,622.04	1/4	2,257.15	1/4	1,892.25	1/4	1,527.36	1/4	1,162.46	1/4	799.30	1/4	435.48	1/4	73.30	1/4		1/4	
1/2	2,614.44	1/2	2,249.55	1/2	1,884.65	1/2	1,519.76	1/2	1,154.86	1/2	791.76	1/2	427.88	1/2	66.20	1/2		1/2	
3/4	2,606.84	3/4	2,241.94	3/4	1,877.04	3/4	1,512.16	3/4	1,147.26	3/4	784.21	3/4	420.29	3/4	59.09	3/4		3/4	
2	2,599.24	2	2,234.34	2	1,869.44	2	1,504.55	2	1,139.65	2	776.67	2	412.69	2	51.99	2		2	
1/4	2,591.64	1/4	2,226.74	1/4	1,861.84	1/4	1,496.95	1/4	1,132.05	1/4	769.12	1/4	405.09	1/4	44.88	1/4		1/4	
1/2	2,584.04	1/2	2,219.14	1/2	1,854.24	1/2	1,489.35	1/2	1,124.45	1/2	761.57	1/2	397.49	1/2	39.41	1/2		1/2	
3/4	2,576.43	3/4	2,211.53	3/4	1,846.64	3/4	1,481.75	3/4	1,116.85	3/4	754.03	3/4	389.90	3/4	33.94	3/4		3/4	
3	2,568.83	3	2,203.93	3	1,839.04	3	1,474.14	3	1,109.24	3	746.48	3	382.30	3	28.47	3		3	
1/4	2,561.23	1/4	2,196.33	1/4	1,831.44	1/4	1,466.54	1/4	1,101.64	1/4	738.93	1/4	374.70	1/4		1/4		1/4	
1/2	2,553.63	1/2	2,188.73	1/2	1,823.84	1/2	1,458.94	1/2	1,094.04	1/2	731.39	1/2	367.10	1/2		1/2		1/2	
3/4	2,546.02	3/4	2,181.12	3/4	1,816.24	3/4	1,451.34	3/4	1,086.44	3/4	723.84	3/4	359.50	3/4		3/4		3/4	
4	2,538.42	4	2,173.52	4	1,808.63	4	1,443.73	4	1,078.84	4	716.30	4	351.90	4	4	4		4	
1/4	2,530.82	1/4	2,165.92	1/4	1,801.03	1/4	1,436.13	1/4	1,071.24	1/4	708.75	1/4	344.30	1/4		1/4		1/4	
1/2	2,523.22	1/2	2,158.32	1/2	1,793.43	1/2	1,428.53	1/2	1,063.64	1/2	701.20	1/2	336.70	1/2		1/2		1/2	
3/4	2,515.61	3/4	2,150.72	3/4	1,785.83	3/4	1,420.93	3/4	1,056.04	3/4	693.66	3/4	329.11	3/4		3/4		3/4	
5	2,508.01	5	2,143.12	5	1,778.22	5	1,413.32	5	1,048.43	5	686.11	5	321.51	5	5	5		5	
1/4	2,500.41	1/4	2,135.52	1/4	1,770.62	1/4	1,405.72	1/4	1,040.83	1/4	678.56	1/4	313.91	1/4		1/4		1/4	
1/2	2,492.81	1/2	2,127.92	1/2	1,763.02	1/2	1,398.12	1/2	1,033.27	1/2	670.98	1/2	306.31	1/2		1/2		1/2	
3/4	2,485.20	3/4	2,120.31	3/4	1,755.42	3/4	1,390.52	3/4	1,025.71	3/4	663.39	3/4	298.72	3/4		3/4		3/4	
6	2,477.60	6	2,112.71	6	1,747.81	6	1,382.92	6	1,018.15	6	655.81	6	291.12	6	6	6		6	
1/4	2,470.00	1/4	2,105.11	1/4	1,740.21	1/4	1,375.32	1/4	1,010.59	1/4	648.22	1/4	283.52	1/4		1/4		1/4	
1/2	2,462.40	1/2	2,097.51	1/2	1,732.61	1/2	1,367.72	1/2	1,003.04	1/2	640.62	1/2	275.92	1/2		1/2		1/2	
3/4	2,454.80	3/4	2,089.90	3/4	1,725.01	3/4	1,360.12	3/4	995.50	3/4	633.03	3/4	268.33	3/4		3/4		3/4	
7	2,447.20	7	2,082.30	7	1,717.40	7	1,352.51	7	987.95	7	625.43	7	260.73	7	7	7		7	
1/4	2,439.60	1/4	2,074.70	1/4	1,709.80	1/4	1,344.91	1/4	980.40	1/4	617.83	1/4	253.13	1/4		1/4		1/4	
1/2	2,432.00	1/2	2,067.10	1/2	1,702.20	1/2	1,337.31	1/2	972.86	1/2	610.23	1/2	245.53	1/2		1/2		1/2	
3/4	2,424.39	3/4	2,059.49	3/4	1,694.60	3/4	1,329.71	3/4	965.31	3/4	602.64	3/4	237.94	3/4		3/4		3/4	
8	2,416.79	8	2,051.89	8	1,687.00	8	1,322.10	8	957.77	8	595.04	8	230.34	8	8	8		8	
1/4	2,409.19	1/4	2,044.29	1/4	1,679.40	1/4	1,314.50	1/4	950.22	1/4	587.44	1/4	222.74	1/4		1/4		1/4	
1/2	2,401.59	1/2	2,036.69	1/2	1,671.80	1/2	1,306.90	1/2	942.68	1/2	579.84	1/2	215.14	1/2		1/2		1/2	
3/4	2,393.98	3/4	2,029.08	3/4	1,664.20	3/4	1,299.30	3/4	935.13	3/4	572.25	3/4	207.54	3/4		3/4		3/4	
9	2,386.38	9	2,021.48	9	1,656.59	9	1,291.69	9	927.59	9	564.65	9	199.94	9	9	9		9	
1/4	2,378.78	1/4	2,013.88	1/4	1,648.99	1/4	1,284.09	1/4	920.04	1/4	557.05	1/4	192.34	1/4		1/4		1/4	
1/2	2,371.18	1/2	2,006.28	1/2	1,641.39	1/2	1,276.49	1/2	912.49	1/2	549.45	1/2	184.74	1/2		1/2		1/2	
3/4	2,363.57	3/4	1,998.68	3/4	1,633.79	3/4	1,268.89	3/4	904.95	3/4	541.86	3/4	177.15	3/4		3/4		3/4	
10	2,355.97	10	1,991.08	10	1,626.18	10	1,261.28	10	897.40	10	534.26	10	169.55	10	10	10		10	
1/4	2,348.37	1/4	1,983.48	1/4	1,618.58	1/4	1,253.68	1/4	889.85	1/4	526.66	1/4	161.95	1/4		1/4		1/4	
1/2	2,340.77	1/2	1,975.88	1/2	1,610.98	1/2	1,246.08	1/2	882.31	1/2	519.06	1/2	154.35	1/2		1/2		1/2	
3/4	2,333.16	3/4	1,968.27	3/4	1,603.38	3/4	1,238.48	3/4	874.76	3/4	511.46	3/4	146.76	3/4		3/4		3/4	
11	2,325.56	11	1,960.67	11	1,595.77	11	1,230.88	11	867.22	11	503.86	11	139.16	11	11	11		11	
1/4	2,317.96	1/4	1,953.07	1/4	1,588.17	1/4	1,223.28	1/4	859.67	1/4	496.26	1/4	131.56	1/4		1/4		1/4	
1/2	2,310.36	1/2	1,945.47	1/2	1,580.57	1/2	1,215.68	1/2	852.12	1/2	488.66	1/2	124.23	1/2		1/2		1/2	
3/4	2,302.76	3/4	1,937.86	3/4	1,572.97	3/4	1,208.08	3/4	844.58	3/4	481.07	3/4	116.91	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/20/2004 INS
RECALCULATED: 08/23/2019 SW
REPRINTED: 08/26/2019 SW

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2019



BARGE "MMI 3044"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03"

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	4,686.86	0	4,453.71	0	4,200.94	0	3,948.17	0	3,695.40	0	3,389.84	0	3,024.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,684.51	1/4	4,448.44	1/4	4,195.67	1/4	3,942.91	1/4	3,690.14	1/4	3,382.24	1/4	3,017.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,681.39	1/2	4,443.17	1/2	4,190.40	1/2	3,937.64	1/2	3,684.87	1/2	3,374.64	1/2	3,009.75
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,678.27	3/4	4,437.91	3/4	4,185.14	3/4	3,932.37	3/4	3,679.60	3/4	3,367.04	3/4	3,002.14
1	1	1	1	1	1	1	4,675.14	1	4,432.64	1	4,179.87	1	3,927.11	1	3,674.34	1	3,359.44	1	2,994.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,672.02	1/4	4,427.38	1/4	4,174.61	1/4	3,921.84	1/4	3,669.07	1/4	3,351.84	1/4	2,986.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,668.11	1/2	4,422.11	1/2	4,169.34	1/2	3,916.57	1/2	3,663.80	1/2	3,344.24	1/2	2,979.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,664.20	3/4	4,416.84	3/4	4,164.08	3/4	3,911.31	3/4	3,658.54	3/4	3,336.63	3/4	2,971.73
2	2	2	2	2	2	2	4,660.30	2	4,411.58	2	4,158.81	2	3,906.04	2	3,653.27	2	3,329.03	2	2,964.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,656.39	1/4	4,406.31	1/4	4,153.55	1/4	3,900.78	1/4	3,648.01	1/4	3,321.43	1/4	2,956.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,651.70	1/2	4,401.04	1/2	4,148.28	1/2	3,895.51	1/2	3,642.71	1/2	3,313.83	1/2	2,948.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,647.01	3/4	4,395.78	3/4	4,143.01	3/4	3,890.24	3/4	3,637.41	3/4	3,306.22	3/4	2,941.32
3	3	3	3	3	3	3	4,642.33	3	4,390.51	3	4,137.75	3	3,884.98	3	3,632.11	3	3,298.62	3	2,933.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,637.64	1/4	4,385.25	1/4	4,132.48	1/4	3,879.71	1/4	3,626.81	1/4	3,291.02	1/4	2,926.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,632.47	1/2	4,379.98	1/2	4,127.21	1/2	3,874.44	1/2	3,621.25	1/2	3,283.42	1/2	2,918.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,627.29	3/4	4,374.72	3/4	4,121.95	3/4	3,869.18	3/4	3,615.69	3/4	3,275.81	3/4	2,910.92
4	4	4	4	4	4	4	4,622.12	4	4,369.45	4	4,116.68	4	3,863.91	4	3,610.14	4	3,268.21	4	2,903.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,616.95	1/4	4,364.19	1/4	4,111.42	1/4	3,858.65	1/4	3,604.58	1/4	3,260.61	1/4	2,895.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,611.68	1/2	4,358.92	1/2	4,106.15	1/2	3,853.39	1/2	3,598.70	1/2	3,253.01	1/2	2,888.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,606.42	3/4	4,353.65	3/4	4,100.88	3/4	3,848.12	3/4	3,592.82	3/4	3,245.40	3/4	2,880.51
5	5	5	5	5	5	5	4,601.15	5	4,348.39	5	4,095.62	5	3,842.86	5	3,586.94	5	3,237.80	5	2,872.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,595.89	1/4	4,343.12	1/4	4,090.35	1/4	3,837.59	1/4	3,581.06	1/4	3,230.20	1/4	2,865.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,590.62	1/2	4,337.85	1/2	4,085.08	1/2	3,832.32	1/2	3,574.83	1/2	3,222.60	1/2	2,857.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,585.36	3/4	4,332.59	3/4	4,079.82	3/4	3,827.06	3/4	3,568.61	3/4	3,215.00	3/4	2,850.10
6	6	6	6	6	6	6	4,580.09	6	4,327.32	6	4,074.55	6	3,821.79	6	3,562.38	6	3,207.40	6	2,842.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,574.83	1/4	4,322.06	1/4	4,069.29	1/4	3,816.52	1/4	3,556.16	1/4	3,199.80	1/4	2,834.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,569.56	1/2	4,316.79	1/2	4,064.02	1/2	3,811.25	1/2	3,549.59	1/2	3,192.20	1/2	2,827.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,564.29	3/4	4,311.52	3/4	4,058.76	3/4	3,805.99	3/4	3,543.01	3/4	3,184.59	3/4	2,819.69
7	7	7	7	7	7	7	4,559.03	7	4,306.26	7	4,053.49	7	3,800.72	7	3,536.44	7	3,176.99	7	2,812.09
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,553.76	1/4	4,300.99	1/4	4,048.23	1/4	3,795.46	1/4	3,529.87	1/4	3,169.39	1/4	2,804.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,548.49	1/2	4,295.72	1/2	4,042.96	1/2	3,790.19	1/2	3,522.95	1/2	3,161.79	1/2	2,796.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,543.23	3/4	4,290.46	3/4	4,037.69	3/4	3,784.92	3/4	3,516.03	3/4	3,154.18	3/4	2,789.28
8	8	8	8	8	8	8	4,537.96	8	4,285.19	8	4,032.43	8	3,779.66	8	3,509.11	8	3,146.58	8	2,781.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,532.70	1/4	4,279.93	1/4	4,027.16	1/4	3,774.39	1/4	3,502.19	1/4	3,138.98	1/4	2,774.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,527.43	1/2	4,274.66	1/2	4,021.89	1/2	3,769.12	1/2	3,494.93	1/2	3,131.38	1/2	2,766.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,703.93	3/4	4,522.16	3/4	4,269.40	3/4	4,016.63	3/4	3,763.86	3/4	3,487.66	3/4	3,123.77
9	9	9	9	9	9	9	4,703.64	9	4,516.90	9	4,264.13	9	4,011.36	9	3,758.59	9	3,480.40	9	3,116.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,703.35	1/4	4,511.63	1/4	4,258.87	1/4	4,006.10	1/4	3,753.33	1/4	3,473.14	1/4	3,108.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,702.55	1/2	4,506.36	1/2	4,253.60	1/2	4,000.83	1/2	3,748.06	1/2	3,465.62	1/2	3,100.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,701.74	3/4	4,501.10	3/4	4,248.33	3/4	3,995.56	3/4	3,742.80	3/4	3,458.10	3/4	3,093.36
10	10	10	10	10	10	10	4,700.94	10	4,495.83	10	4,243.07	10	3,990.30	10	3,737.53	10	3,450.58	10	3,085.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,700.13	1/4	4,490.57	1/4	4,237.80	1/4	3,985.03	1/4	3,732.27	1/4	3,443.06	1/4	3,078.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,698.57	1/2	4,485.30	1/2	4,232.53	1/2	3,979.76	1/2	3,727.00	1/2	3,435.46	1/2	3,070.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,697.01	3/4	4,480.04	3/4	4,227.27	3/4	3,974.50	3/4	3,721.73	3/4	3,427.85	3/4	3,062.96
11	11	11	11	11	11	11	4,695.45	11	4,474.77	11	4,222.00	11	3,969.23	11	3,716.47	11	3,420.25	11	3,055.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,693.89	1/4	4,469.51	1/4	4,216.74	1/4	3,963.97	1/4	3,711.20	1/4	3,412.65	1/4	3,047.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,691.55	1/2	4,464.24	1/2	4,211.47	1/2	3,958.70	1/2	3,705.93	1/2	3,405.05	1/2	3,040.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,689.20	3/4	4,458.97	3/4	4,206.20	3/4	3,953.44	3/4	3,700.67	3/4	3,397.44	3/4	3,032.55

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'-09" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "MMI 3044"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03"

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	2,660.05	0	2,295.16	0	1,930.26	0	1,565.36	0	1,200.47	0	837.03	0	473.47	0	109.58	0		0	
1/4	2,652.45	1/4	2,287.56	1/4	1,922.66	1/4	1,557.76	1/4	1,192.87	1/4	829.48	1/4	465.87	1/4	102.25	1/4		1/4	
1/2	2,644.85	1/2	2,279.96	1/2	1,915.06	1/2	1,550.16	1/2	1,185.27	1/2	821.94	1/2	458.27	1/2	95.01	1/2		1/2	
3/4	2,637.24	3/4	2,272.35	3/4	1,907.45	3/4	1,542.56	3/4	1,177.67	3/4	814.39	3/4	450.68	3/4	87.78	3/4		3/4	
1	2,629.64	1	2,264.75	1	1,899.85	1	1,534.96	1	1,170.06	1	806.85	1	443.08	1	80.54	1		1	
1/4	2,622.04	1/4	2,257.15	1/4	1,892.25	1/4	1,527.36	1/4	1,162.46	1/4	799.30	1/4	435.48	1/4	73.30	1/4		1/4	
1/2	2,614.44	1/2	2,249.55	1/2	1,884.65	1/2	1,519.76	1/2	1,154.86	1/2	791.76	1/2	427.88	1/2	66.20	1/2		1/2	
3/4	2,606.84	3/4	2,241.94	3/4	1,877.04	3/4	1,512.16	3/4	1,147.26	3/4	784.21	3/4	420.29	3/4	59.09	3/4		3/4	
2	2,599.24	2	2,234.34	2	1,869.44	2	1,504.55	2	1,139.65	2	776.67	2	412.69	2	51.99	2		2	
1/4	2,591.64	1/4	2,226.74	1/4	1,861.84	1/4	1,496.95	1/4	1,132.05	1/4	769.12	1/4	405.09	1/4	44.88	1/4		1/4	
1/2	2,584.04	1/2	2,219.14	1/2	1,854.24	1/2	1,489.35	1/2	1,124.45	1/2	761.57	1/2	397.49	1/2	39.41	1/2		1/2	
3/4	2,576.43	3/4	2,211.53	3/4	1,846.64	3/4	1,481.75	3/4	1,116.85	3/4	754.03	3/4	389.90	3/4	33.94	3/4		3/4	
3	2,568.83	3	2,203.93	3	1,839.04	3	1,474.14	3	1,109.24	3	746.48	3	382.30	3	28.47	3		3	
1/4	2,561.23	1/4	2,196.33	1/4	1,831.44	1/4	1,466.54	1/4	1,101.64	1/4	738.93	1/4	374.70	1/4		1/4		1/4	
1/2	2,553.63	1/2	2,188.73	1/2	1,823.84	1/2	1,458.94	1/2	1,094.04	1/2	731.39	1/2	367.10	1/2		1/2		1/2	
3/4	2,546.02	3/4	2,181.12	3/4	1,816.24	3/4	1,451.34	3/4	1,086.44	3/4	723.84	3/4	359.50	3/4		3/4		3/4	
4	2,538.42	4	2,173.52	4	1,808.63	4	1,443.73	4	1,078.84	4	716.30	4	351.90	4	4	4		4	
1/4	2,530.82	1/4	2,165.92	1/4	1,801.03	1/4	1,436.13	1/4	1,071.24	1/4	708.75	1/4	344.30	1/4		1/4		1/4	
1/2	2,523.22	1/2	2,158.32	1/2	1,793.43	1/2	1,428.53	1/2	1,063.64	1/2	701.20	1/2	336.70	1/2		1/2		1/2	
3/4	2,515.61	3/4	2,150.72	3/4	1,785.83	3/4	1,420.93	3/4	1,056.04	3/4	693.66	3/4	329.11	3/4		3/4		3/4	
5	2,508.01	5	2,143.12	5	1,778.22	5	1,413.32	5	1,048.43	5	686.11	5	321.51	5	5	5		5	
1/4	2,500.41	1/4	2,135.52	1/4	1,770.62	1/4	1,405.72	1/4	1,040.83	1/4	678.56	1/4	313.91	1/4		1/4		1/4	
1/2	2,492.81	1/2	2,127.92	1/2	1,763.02	1/2	1,398.12	1/2	1,033.27	1/2	670.98	1/2	306.31	1/2		1/2		1/2	
3/4	2,485.20	3/4	2,120.31	3/4	1,755.42	3/4	1,390.52	3/4	1,025.71	3/4	663.39	3/4	298.72	3/4		3/4		3/4	
6	2,477.60	6	2,112.71	6	1,747.81	6	1,382.92	6	1,018.15	6	655.81	6	291.12	6	6	6		6	
1/4	2,470.00	1/4	2,105.11	1/4	1,740.21	1/4	1,375.32	1/4	1,010.59	1/4	648.22	1/4	283.52	1/4		1/4		1/4	
1/2	2,462.40	1/2	2,097.51	1/2	1,732.61	1/2	1,367.72	1/2	1,003.04	1/2	640.62	1/2	275.92	1/2		1/2		1/2	
3/4	2,454.80	3/4	2,089.90	3/4	1,725.01	3/4	1,360.12	3/4	995.50	3/4	633.03	3/4	268.33	3/4		3/4		3/4	
7	2,447.20	7	2,082.30	7	1,717.40	7	1,352.51	7	987.95	7	625.43	7	260.73	7	7	7		7	
1/4	2,439.60	1/4	2,074.70	1/4	1,709.80	1/4	1,344.91	1/4	980.40	1/4	617.83	1/4	253.13	1/4		1/4		1/4	
1/2	2,432.00	1/2	2,067.10	1/2	1,702.20	1/2	1,337.31	1/2	972.86	1/2	610.23	1/2	245.53	1/2		1/2		1/2	
3/4	2,424.39	3/4	2,059.49	3/4	1,694.60	3/4	1,329.71	3/4	965.31	3/4	602.64	3/4	237.94	3/4		3/4		3/4	
8	2,416.79	8	2,051.89	8	1,687.00	8	1,322.10	8	957.77	8	595.04	8	230.34	8	8	8		8	
1/4	2,409.19	1/4	2,044.29	1/4	1,679.40	1/4	1,314.50	1/4	950.22	1/4	587.44	1/4	222.74	1/4		1/4		1/4	
1/2	2,401.59	1/2	2,036.69	1/2	1,671.80	1/2	1,306.90	1/2	942.68	1/2	579.84	1/2	215.14	1/2		1/2		1/2	
3/4	2,393.98	3/4	2,029.08	3/4	1,664.20	3/4	1,299.30	3/4	935.13	3/4	572.25	3/4	207.54	3/4		3/4		3/4	
9	2,386.38	9	2,021.48	9	1,656.59	9	1,291.69	9	927.59	9	564.65	9	199.94	9	9	9		9	
1/4	2,378.78	1/4	2,013.88	1/4	1,648.99	1/4	1,284.09	1/4	920.04	1/4	557.05	1/4	192.34	1/4		1/4		1/4	
1/2	2,371.18	1/2	2,006.28	1/2	1,641.39	1/2	1,276.49	1/2	912.49	1/2	549.45	1/2	184.74	1/2		1/2		1/2	
3/4	2,363.57	3/4	1,998.68	3/4	1,633.79	3/4	1,268.89	3/4	904.95	3/4	541.86	3/4	177.15	3/4		3/4		3/4	
10	2,355.97	10	1,991.08	10	1,626.18	10	1,261.28	10	897.40	10	534.26	10	169.55	10	10	10		10	
1/4	2,348.37	1/4	1,983.48	1/4	1,618.58	1/4	1,253.68	1/4	889.85	1/4	526.66	1/4	161.95	1/4		1/4		1/4	
1/2	2,340.77	1/2	1,975.88	1/2	1,610.98	1/2	1,246.08	1/2	882.31	1/2	519.06	1/2	154.35	1/2		1/2		1/2	
3/4	2,333.16	3/4	1,968.27	3/4	1,603.38	3/4	1,238.48	3/4	874.76	3/4	511.46	3/4	146.76	3/4		3/4		3/4	
11	2,325.56	11	1,960.67	11	1,595.77	11	1,230.88	11	867.22	11	503.86	11	139.16	11	11	11		11	
1/4	2,317.96	1/4	1,953.07	1/4	1,588.17	1/4	1,223.28	1/4	859.67	1/4	496.26	1/4	131.56	1/4		1/4		1/4	
1/2	2,310.36	1/2	1,945.47	1/2	1,580.57	1/2	1,215.68	1/2	852.12	1/2	488.66	1/2	124.23	1/2		1/2		1/2	
3/4	2,302.76	3/4	1,937.86	3/4	1,572.97	3/4	1,208.08	3/4	844.58	3/4	481.07	3/4	116.91	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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