



BARGE "MMI 3036"

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	00-1/2	- 00-1/2	00-3/4	- 00-3/4
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	00-1/2	- 00-1/2	00-3/4	- 00-3/4
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	00-5/8	- 00-5/8	00-3/4	- 00-3/4
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	00-5/8	- 00-5/8	00-3/4	- 00-3/4

(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"

October 13, 2023

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MMI 3036"

1 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-10 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,062.40	0	4,695.30	0	4,328.20	0	3,961.09	0	3,593.99	0	3,226.88	0	2,859.78
1/4		1/4		1/4		1/4	5,054.75	1/4	4,687.65	1/4	4,320.55	1/4	3,953.44	1/4	3,586.34	1/4	3,219.23	1/4	2,852.13
1/2		1/2		1/2		1/2	5,047.10	1/2	4,680.00	1/2	4,312.90	1/2	3,945.79	1/2	3,578.69	1/2	3,211.58	1/2	2,844.48
3/4		3/4		3/4		3/4	5,039.45	3/4	4,672.35	3/4	4,305.25	3/4	3,938.14	3/4	3,571.04	3/4	3,203.93	3/4	2,836.83
1		1		1		1	5,031.81	1	4,664.71	1	4,297.60	1	3,930.50	1	3,563.40	1	3,196.29	1	2,829.19
1/4		1/4		1/4		1/4	5,024.16	1/4	4,657.06	1/4	4,289.95	1/4	3,922.85	1/4	3,555.75	1/4	3,188.64	1/4	2,821.54
1/2		1/2		1/2		1/2	5,016.51	1/2	4,649.41	1/2	4,282.30	1/2	3,915.20	1/2	3,548.10	1/2	3,180.99	1/2	2,813.89
3/4		3/4		3/4		3/4	5,008.86	3/4	4,641.76	3/4	4,274.65	3/4	3,907.55	3/4	3,540.45	3/4	3,173.34	3/4	2,806.24
2		2		2		2	5,001.22	2	4,634.12	2	4,267.01	2	3,899.91	2	3,532.80	2	3,165.70	2	2,798.60
1/4		1/4		1/4		1/4	4,993.57	1/4	4,626.47	1/4	4,259.36	1/4	3,892.26	1/4	3,525.15	1/4	3,158.05	1/4	2,790.95
1/2		1/2		1/2		1/2	4,985.92	1/2	4,618.82	1/2	4,251.71	1/2	3,884.61	1/2	3,517.50	1/2	3,150.40	1/2	2,783.30
3/4		3/4		3/4		3/4	4,978.27	3/4	4,611.17	3/4	4,244.06	3/4	3,876.96	3/4	3,509.85	3/4	3,142.75	3/4	2,775.65
3		3		3		3	4,970.63	3	4,603.52	3	4,236.42	3	3,869.32	3	3,502.21	3	3,135.11	3	2,768.00
1/4		1/4		1/4		1/4	4,962.98	1/4	4,595.87	1/4	4,228.77	1/4	3,861.67	1/4	3,494.56	1/4	3,127.46	1/4	2,760.35
1/2		1/2		1/2		1/2	4,955.33	1/2	4,588.22	1/2	4,221.12	1/2	3,854.02	1/2	3,486.91	1/2	3,119.81	1/2	2,752.70
3/4		3/4		3/4		3/4	5,211.40 4,947.68	3/4	4,940.04 4,580.57	3/4	4,213.47	3/4	3,846.37	3/4	3,479.26	3/4	3,112.16	3/4	2,745.05
4		4		4		4	5,210.98	4	4,940.04	4	4,572.93	4	4,205.83	4	3,838.72	4	3,471.62	4	2,737.41
1/4		1/4		1/4		1/4	5,210.56	1/4	4,932.39	1/4	4,565.28	1/4	4,198.18	1/4	3,831.07	1/4	3,463.97	1/4	2,729.76
1/2		1/2		1/2		1/2	5,210.14	1/2	4,924.74	1/2	4,557.63	1/2	4,190.53	1/2	3,823.42	1/2	3,456.32	1/2	2,722.11
3/4		3/4		3/4		3/4	5,208.73	3/4	4,917.09	3/4	4,549.98	3/4	4,182.88	3/4	3,815.77	3/4	3,448.67	3/4	2,714.46
5		5		5		5	5,207.32	5	4,909.44	5	4,542.34	5	4,175.24	5	3,808.13	5	3,441.03	5	2,706.82
1/4		1/4		1/4		1/4	5,205.91	1/4	4,901.79	1/4	4,534.69	1/4	4,167.59	1/4	3,800.48	1/4	3,433.38	1/4	2,699.17
1/2		1/2		1/2		1/2	5,204.50	1/2	4,894.14	1/2	4,527.04	1/2	4,159.94	1/2	3,792.83	1/2	3,425.73	1/2	2,691.52
3/4		3/4		3/4		3/4	5,201.95	3/4	4,886.49	3/4	4,519.39	3/4	4,152.29	3/4	3,785.18	3/4	3,418.08	3/4	2,683.87
6		6		6		6	5,199.41	6	4,878.85	6	4,511.75	6	4,144.64	6	3,777.54	6	3,410.44	6	2,676.23
1/4		1/4		1/4		1/4	5,196.86	1/4	4,871.20	1/4	4,504.10	1/4	4,136.99	1/4	3,769.89	1/4	3,402.79	1/4	2,668.58
1/2		1/2		1/2		1/2	5,194.31	1/2	4,863.55	1/2	4,496.45	1/2	4,129.34	1/2	3,762.24	1/2	3,395.14	1/2	2,660.93
3/4		3/4		3/4		3/4	5,190.63	3/4	4,855.90	3/4	4,488.80	3/4	4,121.69	3/4	3,754.59	3/4	3,387.49	3/4	2,653.28
7		7		7		7	5,186.96	7	4,848.26	7	4,481.16	7	4,114.05	7	3,746.95	7	3,379.84	7	2,645.64
1/4		1/4		1/4		1/4	5,183.28	1/4	4,840.61	1/4	4,473.51	1/4	4,106.40	1/4	3,739.30	1/4	3,372.19	1/4	2,637.99
1/2		1/2		1/2		1/2	5,179.60	1/2	4,832.96	1/2	4,465.86	1/2	4,098.75	1/2	3,731.65	1/2	3,364.54	1/2	2,630.34
3/4		3/4		3/4		3/4	5,174.79	3/4	4,825.31	3/4	4,458.21	3/4	4,091.10	3/4	3,724.00	3/4	3,356.89	3/4	2,622.69
8		8		8		8	5,169.99	8	4,817.67	8	4,450.56	8	4,083.46	8	3,716.36	8	3,349.25	8	2,615.04
1/4		1/4		1/4		1/4	5,165.18	1/4	4,810.02	1/4	4,442.91	1/4	4,075.81	1/4	3,708.71	1/4	3,341.60	1/4	2,607.39
1/2		1/2		1/2		1/2	5,160.37	1/2	4,802.37	1/2	4,435.26	1/2	4,068.16	1/2	3,701.06	1/2	3,333.95	1/2	2,966.85
3/4		3/4		3/4		3/4	5,154.43	3/4	4,794.72	3/4	4,427.61	3/4	4,060.51	3/4	3,693.41	3/4	3,326.30	3/4	2,959.20
9		9		9		9	5,148.48	9	4,787.08	9	4,419.97	9	4,052.87	9	3,685.76	9	3,318.66	9	2,951.56
1/4		1/4		1/4		1/4	5,142.54	1/4	4,779.43	1/4	4,412.32	1/4	4,045.22	1/4	3,678.11	1/4	3,311.01	1/4	2,943.91
1/2		1/2		1/2		1/2	5,136.59	1/2	4,771.78	1/2	4,404.67	1/2	4,037.57	1/2	3,670.46	1/2	3,303.36	1/2	2,936.26
3/4		3/4		3/4		3/4	5,129.52	3/4	4,764.13	3/4	4,397.02	3/4	4,029.92	3/4	3,662.81	3/4	3,295.71	3/4	2,928.62
10		10		10		10	5,122.44	10	4,756.48	10	4,389.38	10	4,022.28	10	3,655.17	10	3,288.07	10	2,920.97
1/4		1/4		1/4		1/4	5,115.37	1/4	4,748.83	1/4	4,381.73	1/4	4,014.63	1/4	3,647.52	1/4	3,280.42	1/4	2,913.33
1/2		1/2		1/2		1/2	5,108.29	1/2	4,741.18	1/2	4,374.08	1/2	4,006.98	1/2	3,639.87	1/2	3,272.77	1/2	2,905.68
3/4		3/4		3/4		3/4	5,100.64	3/4	4,733.53	3/4	4,366.43	3/4	3,999.33	3/4	3,632.22	3/4	3,265.12	3/4	2,898.03
11		11		11		11	5,093.00	11	4,725.89	11	4,358.79	11	3,991.68	11	3,624.58	11	3,257.48	11	2,890.38
1/4		1/4		1/4		1/4	5,085.35	1/4	4,718.24	1/4	4,351.14	1/4	3,984.03	1/4	3,616.93	1/4	3,249.83	1/4	2,882.72
1/2		1/2		1/2		1/2	5,077.70	1/2	4,710.59	1/2	4,343.49	1/2	3,976.38	1/2	3,609.28	1/2	3,242.18	1/2	2,875.07
3/4		3/4		3/4		3/4	5,070.05	3/4	4,702.94	3/4	4,335.84	3/4	3,968.73	3/4	3,601.63	3/4	3,234.53	3/4	2,867.42

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" DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "MMI 3036"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,492.68	0	2,125.57	0	1,758.47	0	1,391.36	0	1,024.25	0	657.15	0	297.32	0		0		0	
1/4	2,485.03	1/4	2,117.92	1/4	1,750.82	1/4	1,383.71	1/4	1,016.61	1/4	649.51	1/4	290.12	1/4		1/4		1/4	
1/2	2,477.38	1/2	2,110.27	1/2	1,743.17	1/2	1,376.06	1/2	1,008.96	1/2	641.86	1/2	282.91	1/2		1/2		1/2	
3/4	2,469.73	3/4	2,102.62	3/4	1,735.52	3/4	1,368.41	3/4	1,001.31	3/4	634.21	3/4	275.83	3/4		3/4		3/4	
1	2,462.08	1	2,094.98	1	1,727.88	1	1,360.76	1	993.66	1	626.56	1	268.74	1		1		1	
1/4	2,454.43	1/4	2,087.33	1/4	1,720.23	1/4	1,353.12	1/4	986.02	1/4	618.91	1/4	261.66	1/4		1/4		1/4	
1/2	2,446.78	1/2	2,079.68	1/2	1,712.58	1/2	1,345.47	1/2	978.37	1/2	611.26	1/2	254.58	1/2		1/2		1/2	
3/4	2,439.13	3/4	2,072.03	3/4	1,704.93	3/4	1,337.82	3/4	970.72	3/4	603.61	3/4	247.50	3/4		3/4		3/4	
2	2,431.49	2	2,064.39	2	1,697.28	2	1,330.17	2	963.07	2	595.96	2	240.42	2		2		2	
1/4	2,423.84	1/4	2,056.74	1/4	1,689.63	1/4	1,322.53	1/4	955.43	1/4	588.32	1/4	233.34	1/4		1/4		1/4	
1/2	2,416.19	1/2	2,049.09	1/2	1,681.98	1/2	1,314.88	1/2	947.78	1/2	580.67	1/2	226.26	1/2		1/2		1/2	
3/4	2,408.54	3/4	2,041.44	3/4	1,674.33	3/4	1,307.23	3/4	940.13	3/4	573.02	3/4	219.30	3/4		3/4		3/4	
3	2,400.90	3	2,033.80	3	1,666.69	3	1,299.58	3	932.48	3	565.37	3	212.34	3		3		3	
1/4	2,393.25	1/4	2,026.15	1/4	1,659.04	1/4	1,291.94	1/4	924.83	1/4	557.73	1/4	205.38	1/4		1/4		1/4	
1/2	2,385.60	1/2	2,018.50	1/2	1,651.39	1/2	1,284.29	1/2	917.18	1/2	550.08	1/2	198.42	1/2		1/2		1/2	
3/4	2,377.95	3/4	2,010.85	3/4	1,643.74	3/4	1,276.64	3/4	909.53	3/4	542.43	3/4	191.46	3/4		3/4		3/4	
4	2,370.31	4	2,003.20	4	1,636.10	4	1,268.99	4	901.88	4	534.78	4	184.50	4		4		4	
1/4	2,362.66	1/4	1,995.55	1/4	1,628.45	1/4	1,261.35	1/4	894.24	1/4	527.14	1/4	177.55	1/4		1/4		1/4	
1/2	2,355.01	1/2	1,987.90	1/2	1,620.80	1/2	1,253.70	1/2	886.59	1/2	519.49	1/2	170.59	1/2		1/2		1/2	
3/4	2,347.36	3/4	1,980.25	3/4	1,613.15	3/4	1,246.05	3/4	878.94	3/4	511.91	3/4	163.76	3/4		3/4		3/4	
5	2,339.72	5	1,972.61	5	1,605.51	5	1,238.40	5	871.29	5	504.32	5	156.93	5		5		5	
1/4	2,332.07	1/4	1,964.96	1/4	1,597.86	1/4	1,230.75	1/4	863.65	1/4	496.74	1/4	150.10	1/4		1/4		1/4	
1/2	2,324.42	1/2	1,957.31	1/2	1,590.21	1/2	1,223.10	1/2	856.00	1/2	489.16	1/2	143.27	1/2		1/2		1/2	
3/4	2,316.77	3/4	1,949.66	3/4	1,582.56	3/4	1,215.45	3/4	848.35	3/4	481.58	3/4	136.44	3/4		3/4		3/4	
6	2,309.12	6	1,942.02	6	1,574.92	6	1,207.80	6	840.70	6	473.99	6	129.61	6		6		6	
1/4	2,301.47	1/4	1,934.37	1/4	1,567.27	1/4	1,200.16	1/4	833.06	1/4	466.41	1/4	122.78	1/4		1/4		1/4	
1/2	2,293.82	1/2	1,926.72	1/2	1,559.62	1/2	1,192.51	1/2	825.41	1/2	458.83	1/2	115.95	1/2		1/2		1/2	
3/4	2,286.17	3/4	1,919.07	3/4	1,551.97	3/4	1,184.86	3/4	817.76	3/4	451.38	3/4	109.24	3/4		3/4		3/4	
7	2,278.53	7	1,911.43	7	1,544.32	7	1,177.21	7	810.11	7	443.92	7	102.54	7		7		7	
1/4	2,270.88	1/4	1,903.78	1/4	1,536.67	1/4	1,169.57	1/4	802.47	1/4	436.47	1/4	95.83	1/4		1/4		1/4	
1/2	2,263.23	1/2	1,896.13	1/2	1,529.02	1/2	1,161.92	1/2	794.82	1/2	429.02	1/2	89.13	1/2		1/2		1/2	
3/4	2,255.58	3/4	1,888.48	3/4	1,521.37	3/4	1,154.27	3/4	787.17	3/4	421.56	3/4	82.42	3/4		3/4		3/4	
8	2,247.94	8	1,880.84	8	1,513.72	8	1,146.62	8	779.52	8	414.11	8	75.71	8		8		8	
1/4	2,240.29	1/4	1,873.19	1/4	1,506.08	1/4	1,138.98	1/4	771.87	1/4	406.65	1/4	69.01	1/4		1/4		1/4	
1/2	2,232.64	1/2	1,865.54	1/2	1,498.43	1/2	1,131.33	1/2	764.22	1/2	399.20	1/2	62.30	1/2		1/2		1/2	
3/4	2,224.99	3/4	1,857.89	3/4	1,490.78	3/4	1,123.68	3/4	756.57	3/4	391.87	3/4	55.93	3/4		3/4		3/4	
9	2,217.35	9	1,850.24	9	1,483.13	9	1,116.03	9	748.92	9	384.54	9	49.57	9		9		9	
1/4	2,209.70	1/4	1,842.59	1/4	1,475.49	1/4	1,108.39	1/4	741.28	1/4	377.21	1/4	43.20	1/4		1/4		1/4	
1/2	2,202.05	1/2	1,834.94	1/2	1,467.84	1/2	1,100.74	1/2	733.63	1/2	369.88	1/2	36.84	1/2		1/2		1/2	
3/4	2,194.40	3/4	1,827.29	3/4	1,460.19	3/4	1,093.09	3/4	725.98	3/4	362.55	3/4	31.98	3/4		3/4		3/4	
10	2,186.76	10	1,819.65	10	1,452.54	10	1,085.44	10	718.33	10	355.22	10	27.13	10		10		10	
1/4	2,179.11	1/4	1,812.00	1/4	1,444.90	1/4	1,077.79	1/4	710.69	1/4	347.89	1/4	22.27	1/4		1/4		1/4	
1/2	2,171.46	1/2	1,804.35	1/2	1,437.25	1/2	1,070.14	1/2	703.04	1/2	340.56	1/2	17.42	1/2		1/2		1/2	
3/4	2,163.81	3/4	1,796.70	3/4	1,429.60	3/4	1,062.49	3/4	695.39	3/4	333.35	3/4		3/4		3/4		3/4	
11	2,156.16	11	1,789.06	11	1,421.95	11	1,054.84	11	687.74	11	326.15	11		11		11		11	
1/4	2,148.51	1/4	1,781.41	1/4	1,414.31	1/4	1,047.20	1/4	680.10	1/4	318.94	1/4		1/4		1/4		1/4	
1/2	2,140.86	1/2	1,773.76	1/2	1,406.66	1/2	1,039.55	1/2	672.45	1/2	311.74	1/2		1/2		1/2		1/2	
3/4	2,133.21	3/4	1,766.11	3/4	1,399.01	3/4	1,031.90	3/4	664.80	3/4	304.53	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/17/2003 INSP
RECALCULATED: 11/12/2018 SW
VERIFIED: 10/13/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023



BARGE "MMI 3036"

1 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-10 1/2"

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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
					5,062.40		5,062.40		4,695.30		4,328.20		3,961.09		3,593.99		3,226.88		2,859.78
1/4	1/4	1/4	1/4	1/4	5,054.75	1/4	5,054.75	1/4	4,687.65	1/4	4,320.55	1/4	3,953.44	1/4	3,586.34	1/4	3,219.23	1/4	2,852.13
1/2	1/2	1/2	1/2	1/2	5,047.10	1/2	5,047.10	1/2	4,680.00	1/2	4,312.90	1/2	3,945.79	1/2	3,578.69	1/2	3,211.58	1/2	2,844.48
3/4	3/4	3/4	3/4	3/4	5,039.45	3/4	5,039.45	3/4	4,672.35	3/4	4,305.25	3/4	3,938.14	3/4	3,571.04	3/4	3,203.93	3/4	2,836.83
1	1	1	1	1	5,031.81	1	5,031.81	1	4,664.71	1	4,297.60	1	3,930.50	1	3,563.40	1	3,196.29	1	2,829.19
1/4	1/4	1/4	1/4	1/4	5,024.16	1/4	5,024.16	1/4	4,657.06	1/4	4,289.95	1/4	3,922.85	1/4	3,555.75	1/4	3,188.64	1/4	2,821.54
1/2	1/2	1/2	1/2	1/2	5,016.51	1/2	5,016.51	1/2	4,649.41	1/2	4,282.30	1/2	3,915.20	1/2	3,548.10	1/2	3,180.99	1/2	2,813.89
3/4	3/4	3/4	3/4	3/4	5,008.86	3/4	5,008.86	3/4	4,641.76	3/4	4,274.65	3/4	3,907.55	3/4	3,540.45	3/4	3,173.34	3/4	2,806.24
2	2	2	2	2	5,001.22	2	5,001.22	2	4,634.12	2	4,267.01	2	3,899.91	2	3,532.80	2	3,165.70	2	2,798.60
1/4	1/4	1/4	1/4	1/4	4,993.57	1/4	4,993.57	1/4	4,626.47	1/4	4,259.36	1/4	3,892.26	1/4	3,525.15	1/4	3,158.05	1/4	2,790.95
1/2	1/2	1/2	1/2	1/2	4,985.92	1/2	4,985.92	1/2	4,618.82	1/2	4,251.71	1/2	3,884.61	1/2	3,517.50	1/2	3,150.40	1/2	2,783.30
3/4	3/4	3/4	3/4	3/4	4,978.27	3/4	4,978.27	3/4	4,611.17	3/4	4,244.06	3/4	3,876.96	3/4	3,509.85	3/4	3,142.75	3/4	2,775.65
3	3	3	3	3	4,970.63	3	4,970.63	3	4,603.52	3	4,236.42	3	3,869.32	3	3,502.21	3	3,135.11	3	2,768.00
1/4	1/4	1/4	1/4	1/4	4,962.98	1/4	4,962.98	1/4	4,595.87	1/4	4,228.77	1/4	3,861.67	1/4	3,494.56	1/4	3,127.46	1/4	2,760.35
1/2	1/2	1/2	1/2	1/2	4,955.33	1/2	4,955.33	1/2	4,588.22	1/2	4,221.12	1/2	3,854.02	1/2	3,486.91	1/2	3,119.81	1/2	2,752.70
3/4	3/4	3/4	3/4	3/4	5,211.40	3/4	4,947.68	3/4	4,580.57	3/4	4,213.47	3/4	3,846.37	3/4	3,479.26	3/4	3,112.16	3/4	2,745.05
4	4	4	4	4	5,210.98	4	4,940.04	4	4,572.93	4	4,205.83	4	3,838.72	4	3,471.62	4	3,104.52	4	2,737.41
1/4	1/4	1/4	1/4	1/4	5,210.56	1/4	4,932.39	1/4	4,565.28	1/4	4,198.18	1/4	3,831.07	1/4	3,463.97	1/4	3,096.87	1/4	2,729.76
1/2	1/2	1/2	1/2	1/2	5,210.14	1/2	4,924.74	1/2	4,557.63	1/2	4,190.53	1/2	3,823.42	1/2	3,456.32	1/2	3,089.22	1/2	2,722.11
3/4	3/4	3/4	3/4	3/4	5,208.73	3/4	4,917.09	3/4	4,549.98	3/4	4,182.88	3/4	3,815.77	3/4	3,448.67	3/4	3,081.57	3/4	2,714.46
5	5	5	5	5	5,209.32	5	4,909.44	5	4,542.34	5	4,175.24	5	3,808.13	5	3,441.03	5	3,073.92	5	2,706.82
1/4	1/4	1/4	1/4	1/4	5,205.91	1/4	4,901.79	1/4	4,534.69	1/4	4,167.59	1/4	3,800.48	1/4	3,433.38	1/4	3,066.27	1/4	2,699.17
1/2	1/2	1/2	1/2	1/2	5,204.50	1/2	4,894.14	1/2	4,527.04	1/2	4,159.94	1/2	3,792.83	1/2	3,425.73	1/2	3,058.62	1/2	2,691.52
3/4	3/4	3/4	3/4	3/4	5,201.95	3/4	4,886.49	3/4	4,519.39	3/4	4,152.29	3/4	3,785.18	3/4	3,418.08	3/4	3,050.97	3/4	2,683.87
6	6	6	6	6	5,199.41	6	4,878.85	6	4,511.75	6	4,144.64	6	3,777.54	6	3,410.44	6	3,043.33	6	2,676.23
1/4	1/4	1/4	1/4	1/4	5,196.86	1/4	4,871.20	1/4	4,504.10	1/4	4,136.99	1/4	3,769.89	1/4	3,402.79	1/4	3,035.68	1/4	2,668.58
1/2	1/2	1/2	1/2	1/2	5,194.31	1/2	4,863.55	1/2	4,496.45	1/2	4,129.34	1/2	3,762.24	1/2	3,395.14	1/2	3,028.03	1/2	2,660.93
3/4	3/4	3/4	3/4	3/4	5,190.63	3/4	4,855.90	3/4	4,488.80	3/4	4,121.69	3/4	3,754.59	3/4	3,387.49	3/4	3,020.38	3/4	2,653.28
7	7	7	7	7	5,186.96	7	4,848.26	7	4,481.16	7	4,114.05	7	3,746.95	7	3,379.84	7	3,012.74	7	2,645.64
1/4	1/4	1/4	1/4	1/4	5,183.28	1/4	4,840.61	1/4	4,473.51	1/4	4,106.40	1/4	3,739.30	1/4	3,372.19	1/4	3,005.09	1/4	2,637.99
1/2	1/2	1/2	1/2	1/2	5,179.60	1/2	4,832.96	1/2	4,465.86	1/2	4,098.75	1/2	3,731.65	1/2	3,364.54	1/2	2,997.44	1/2	2,630.34
3/4	3/4	3/4	3/4	3/4	5,174.79	3/4	4,825.31	3/4	4,458.21	3/4	4,091.10	3/4	3,724.00	3/4	3,356.89	3/4	2,989.79	3/4	2,622.69
8	8	8	8	8	5,169.99	8	4,817.67	8	4,450.56	8	4,083.46	8	3,716.36	8	3,349.25	8	2,982.15	8	2,615.04
1/4	1/4	1/4	1/4	1/4	5,165.18	1/4	4,810.02	1/4	4,442.91	1/4	4,075.81	1/4	3,708.71	1/4	3,341.60	1/4	2,974.50	1/4	2,607.39
1/2	1/2	1/2	1/2	1/2	5,160.37	1/2	4,802.37	1/2	4,435.26	1/2	4,068.16	1/2	3,701.06	1/2	3,333.95	1/2	2,966.85	1/2	2,599.74
3/4	3/4	3/4	3/4	3/4	5,154.43	3/4	4,794.72	3/4	4,427.61	3/4	4,060.51	3/4	3,693.41	3/4	3,326.30	3/4	2,959.20	3/4	2,592.09
9	9	9	9	9	5,148.48	9	4,787.08	9	4,419.97	9	4,052.87	9	3,685.76	9	3,318.66	9	2,951.56	9	2,584.45
1/4	1/4	1/4	1/4	1/4	5,142.54	1/4	4,779.43	1/4	4,412.32	1/4	4,045.22	1/4	3,678.11	1/4	3,311.01	1/4	2,943.91	1/4	2,576.80
1/2	1/2	1/2	1/2	1/2	5,136.59	1/2	4,771.78	1/2	4,404.67	1/2	4,037.57	1/2	3,670.46	1/2	3,303.36	1/2	2,936.26	1/2	2,569.15
3/4	3/4	3/4	3/4	3/4	5,129.52	3/4	4,764.13	3/4	4,397.02	3/4	4,029.92	3/4	3,662.81	3/4	3,295.71	3/4	2,928.62	3/4	2,561.50
10	10	10	10	10	5,122.44	10	4,756.48	10	4,389.38	10	4,022.28	10	3,655.17	10	3,288.07	10	2,920.97	10	2,553.86
1/4	1/4	1/4	1/4	1/4	5,115.37	1/4	4,748.83	1/4	4,381.73	1/4	4,014.63	1/4	3,647.52	1/4	3,280.42	1/4	2,913.33	1/4	2,546.21
1/2	1/2	1/2	1/2	1/2	5,108.29	1/2	4,741.18	1/2	4,374.08	1/2	4,006.98	1/2	3,639.87	1/2	3,272.77	1/2	2,905.68	1/2	2,538.56
3/4	3/4	3/4	3/4	3/4	5,100.64	3/4	4,733.53	3/4	4,366.43	3/4	3,999.33	3/4	3,632.22	3/4	3,265.12	3/4	2,898.03	3/4	2,530.91
11	11	11	11	11	5,093.00	11	4,725.89	11	4,358.79	11	3,991.68	11	3,624.58	11	3,257.48	11	2,890.38	11	2,523.27
1/4	1/4	1/4	1/4	1/4	5,085.35	1/4	4,718.24	1/4	4,351.14	1/4	3,984.03	1/4	3,616.93	1/4	3,249.83	1/4	2,882.72	1/4	2,515.62
1/2	1/2	1/2	1/2	1/2	5,077.70	1/2	4,710.59	1/2	4,343.49	1/2	3,976.38	1/2	3,609.28	1/2	3,242.18	1/2	2,875.07	1/2	2,507.97
3/4	3/4	3/4	3/4	3/4	5,070.05	3/4	4,702.94	3/4	4,335.84	3/4	3,968.73	3/4	3,601.63	3/4	3,234.53	3/4	2,867.42	3/4	2,500.32

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" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "MMI 3036"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-10 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,492.68	0	2,125.57	0	1,758.47	0	1,391.36	0	1,024.25	0	657.15	0	297.32	0		0		0	
1/4	2,485.03	1/4	2,117.92	1/4	1,750.82	1/4	1,383.71	1/4	1,016.61	1/4	649.51	1/4	290.12	1/4		1/4		1/4	
1/2	2,477.38	1/2	2,110.27	1/2	1,743.17	1/2	1,376.06	1/2	1,008.96	1/2	641.86	1/2	282.91	1/2		1/2		1/2	
3/4	2,469.73	3/4	2,102.62	3/4	1,735.52	3/4	1,368.41	3/4	1,001.31	3/4	634.21	3/4	275.83	3/4		3/4		3/4	
1	2,462.08	1	2,094.98	1	1,727.88	1	1,360.76	1	993.66	1	626.56	1	268.74	1		1		1	
1/4	2,454.43	1/4	2,087.33	1/4	1,720.23	1/4	1,353.12	1/4	986.02	1/4	618.91	1/4	261.66	1/4		1/4		1/4	
1/2	2,446.78	1/2	2,079.68	1/2	1,712.58	1/2	1,345.47	1/2	978.37	1/2	611.26	1/2	254.58	1/2		1/2		1/2	
3/4	2,439.13	3/4	2,072.03	3/4	1,704.93	3/4	1,337.82	3/4	970.72	3/4	603.61	3/4	247.50	3/4		3/4		3/4	
2	2,431.49	2	2,064.39	2	1,697.28	2	1,330.17	2	963.07	2	595.96	2	240.42	2		2		2	
1/4	2,423.84	1/4	2,056.74	1/4	1,689.63	1/4	1,322.53	1/4	955.43	1/4	588.32	1/4	233.34	1/4		1/4		1/4	
1/2	2,416.19	1/2	2,049.09	1/2	1,681.98	1/2	1,314.88	1/2	947.78	1/2	580.67	1/2	226.26	1/2		1/2		1/2	
3/4	2,408.54	3/4	2,041.44	3/4	1,674.33	3/4	1,307.23	3/4	940.13	3/4	573.02	3/4	219.30	3/4		3/4		3/4	
3	2,400.90	3	2,033.80	3	1,666.69	3	1,299.58	3	932.48	3	565.37	3	212.34	3		3		3	
1/4	2,393.25	1/4	2,026.15	1/4	1,659.04	1/4	1,291.94	1/4	924.83	1/4	557.73	1/4	205.38	1/4		1/4		1/4	
1/2	2,385.60	1/2	2,018.50	1/2	1,651.39	1/2	1,284.29	1/2	917.18	1/2	550.08	1/2	198.42	1/2		1/2		1/2	
3/4	2,377.95	3/4	2,010.85	3/4	1,643.74	3/4	1,276.64	3/4	909.53	3/4	542.43	3/4	191.46	3/4		3/4		3/4	
4	2,370.31	4	2,003.20	4	1,636.10	4	1,268.99	4	901.88	4	534.78	4	184.50	4		4		4	
1/4	2,362.66	1/4	1,995.55	1/4	1,628.45	1/4	1,261.35	1/4	894.24	1/4	527.14	1/4	177.55	1/4		1/4		1/4	
1/2	2,355.01	1/2	1,987.90	1/2	1,620.80	1/2	1,253.70	1/2	886.59	1/2	519.49	1/2	170.59	1/2		1/2		1/2	
3/4	2,347.36	3/4	1,980.25	3/4	1,613.15	3/4	1,246.05	3/4	878.94	3/4	511.91	3/4	163.76	3/4		3/4		3/4	
5	2,339.72	5	1,972.61	5	1,605.51	5	1,238.40	5	871.29	5	504.32	5	156.93	5		5		5	
1/4	2,332.07	1/4	1,964.96	1/4	1,597.86	1/4	1,230.75	1/4	863.65	1/4	496.74	1/4	150.10	1/4		1/4		1/4	
1/2	2,324.42	1/2	1,957.31	1/2	1,590.21	1/2	1,223.10	1/2	856.00	1/2	489.16	1/2	143.27	1/2		1/2		1/2	
3/4	2,316.77	3/4	1,949.66	3/4	1,582.56	3/4	1,215.45	3/4	848.35	3/4	481.58	3/4	136.44	3/4		3/4		3/4	
6	2,309.12	6	1,942.02	6	1,574.92	6	1,207.80	6	840.70	6	473.99	6	129.61	6		6		6	
1/4	2,301.47	1/4	1,934.37	1/4	1,567.27	1/4	1,200.16	1/4	833.06	1/4	466.41	1/4	122.78	1/4		1/4		1/4	
1/2	2,293.82	1/2	1,926.72	1/2	1,559.62	1/2	1,192.51	1/2	825.41	1/2	458.83	1/2	115.95	1/2		1/2		1/2	
3/4	2,286.17	3/4	1,919.07	3/4	1,551.97	3/4	1,184.86	3/4	817.76	3/4	451.38	3/4	109.24	3/4		3/4		3/4	
7	2,278.53	7	1,911.43	7	1,544.32	7	1,177.21	7	810.11	7	443.92	7	102.54	7		7		7	
1/4	2,270.88	1/4	1,903.78	1/4	1,536.67	1/4	1,169.57	1/4	802.47	1/4	436.47	1/4	95.83	1/4		1/4		1/4	
1/2	2,263.23	1/2	1,896.13	1/2	1,529.02	1/2	1,161.92	1/2	794.82	1/2	429.02	1/2	89.13	1/2		1/2		1/2	
3/4	2,255.58	3/4	1,888.48	3/4	1,521.37	3/4	1,154.27	3/4	787.17	3/4	421.56	3/4	82.42	3/4		3/4		3/4	
8	2,247.94	8	1,880.84	8	1,513.72	8	1,146.62	8	779.52	8	414.11	8	75.71	8		8		8	
1/4	2,240.29	1/4	1,873.19	1/4	1,506.08	1/4	1,138.98	1/4	771.87	1/4	406.65	1/4	69.01	1/4		1/4		1/4	
1/2	2,232.64	1/2	1,865.54	1/2	1,498.43	1/2	1,131.33	1/2	764.22	1/2	399.20	1/2	62.30	1/2		1/2		1/2	
3/4	2,224.99	3/4	1,857.89	3/4	1,490.78	3/4	1,123.68	3/4	756.57	3/4	391.87	3/4	55.93	3/4		3/4		3/4	
9	2,217.35	9	1,850.24	9	1,483.13	9	1,116.03	9	748.92	9	384.54	9	49.57	9		9		9	
1/4	2,209.70	1/4	1,842.59	1/4	1,475.49	1/4	1,108.39	1/4	741.28	1/4	377.21	1/4	43.20	1/4		1/4		1/4	
1/2	2,202.05	1/2	1,834.94	1/2	1,467.84	1/2	1,100.74	1/2	733.63	1/2	369.88	1/2	36.84	1/2		1/2		1/2	
3/4	2,194.40	3/4	1,827.29	3/4	1,460.19	3/4	1,093.09	3/4	725.98	3/4	362.55	3/4	31.98	3/4		3/4		3/4	
10	2,186.76	10	1,819.65	10	1,452.54	10	1,085.44	10	718.33	10	355.22	10	27.13	10		10		10	
1/4	2,179.11	1/4	1,812.00	1/4	1,444.90	1/4	1,077.79	1/4	710.69	1/4	347.89	1/4	22.27	1/4		1/4		1/4	
1/2	2,171.46	1/2	1,804.35	1/2	1,437.25	1/2	1,070.14	1/2	703.04	1/2	340.56	1/2	17.42	1/2		1/2		1/2	
3/4	2,163.81	3/4	1,796.70	3/4	1,429.60	3/4	1,062.49	3/4	695.39	3/4	333.35	3/4		3/4		3/4		3/4	
11	2,156.16	11	1,789.06	11	1,421.95	11	1,054.84	11	687.74	11	326.15	11		11		11		11	
1/4	2,148.51	1/4	1,781.41	1/4	1,414.31	1/4	1,047.20	1/4	680.10	1/4	318.94	1/4		1/4		1/4		1/4	
1/2	2,140.86	1/2	1,773.76	1/2	1,406.66	1/2	1,039.55	1/2	672.45	1/2	311.74	1/2		1/2		1/2		1/2	
3/4	2,133.21	3/4	1,766.11	3/4	1,399.01	3/4	1,031.90	3/4	664.80	3/4	304.53	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/17/2003 INSP
 RECALCULATED: 11/12/2018 SW
 VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2023

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "MMI 3036"

2 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-10 1/2"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	4,789.31	0	4,446.01	0	4,101.27	0	3,756.54	0	3,411.80	0	3,067.06	0	2,722.33			
1/4	1/4	1/4	1/4	1/4	4,782.16	1/4	4,438.83	1/4	4,094.09	1/4	3,749.36	1/4	3,404.62	1/4	3,059.88	1/4	2,715.15			
1/2	1/2	1/2	1/2	1/2	4,775.02	1/2	4,431.65	1/2	4,086.91	1/2	3,742.18	1/2	3,397.44	1/2	3,052.70	1/2	2,707.97			
3/4	3/4	3/4	3/4	3/4	4,767.87	3/4	4,424.47	3/4	4,079.73	3/4	3,735.00	3/4	3,390.26	3/4	3,045.52	3/4	2,700.79			
1	1	1	1	1	4,760.72	1	4,417.28	1	4,072.54	1	3,727.81	1	3,383.07	1	3,038.34	1	2,693.60			
1/4	1/4	1/4	1/4	1/4	4,753.58	1/4	4,410.10	1/4	4,065.36	1/4	3,720.63	1/4	3,375.89	1/4	3,031.16	1/4	2,686.42			
1/2	1/2	1/2	1/2	1/2	4,746.43	1/2	4,402.92	1/2	4,058.18	1/2	3,713.45	1/2	3,368.71	1/2	3,023.98	1/2	2,679.24			
3/4	3/4	3/4	3/4	3/4	4,739.28	3/4	4,395.74	3/4	4,051.00	3/4	3,706.27	3/4	3,361.53	3/4	3,016.80	3/4	2,672.06			
2	2	2	2	2	4,732.14	2	4,388.55	2	4,043.82	2	3,699.08	2	3,354.34	2	3,009.61	2	2,664.87			
1/4	1/4	1/4	1/4	1/4	4,724.99	1/4	4,381.37	1/4	4,036.64	1/4	3,691.90	1/4	3,347.16	1/4	3,002.43	1/4	2,657.69			
1/2	1/2	1/2	1/2	1/2	4,717.85	1/2	4,374.19	1/2	4,029.46	1/2	3,684.72	1/2	3,339.98	1/2	2,995.25	1/2	2,650.51			
3/4	3/4	3/4	3/4	3/4	4,710.70	3/4	4,367.01	3/4	4,022.28	3/4	3,677.54	3/4	3,332.80	3/4	2,988.07	3/4	2,643.33			
3	3	3	3	3	4,703.55	3	4,359.82	3	4,015.09	3	3,670.35	3	3,325.62	3	2,980.88	3	2,636.14			
1/4	1/4	1/4	1/4	1/4	4,696.41	1/4	4,352.64	1/4	4,007.91	1/4	3,663.17	1/4	3,318.44	1/4	2,973.70	1/4	2,628.96			
1/2	1/2	1/2	1/2	1/2	4,689.26	1/2	4,345.46	1/2	4,000.73	1/2	3,655.99	1/2	3,311.26	1/2	2,966.52	1/2	2,621.78			
3/4	3/4	3/4	3/4	4,929.08	4,682.11	3/4	4,338.28	3/4	3,993.55	3/4	3,648.81	3/4	3,304.08	3/4	2,959.34	3/4	2,614.60			
4	4	4	4	4,928.68	4,674.97	4	4,331.10	4	3,986.36	4	3,641.62	4	3,296.89	4	2,952.15	4	2,607.42			
1/4	1/4	1/4	1/4	4,928.29	4,667.82	1/4	4,323.92	1/4	3,979.18	1/4	3,634.44	1/4	3,289.71	1/4	2,944.97	1/4	2,600.24			
1/2	1/2	1/2	1/2	4,927.89	4,660.68	1/2	4,316.74	1/2	3,972.00	1/2	3,627.26	1/2	3,282.53	1/2	2,937.79	1/2	2,593.06			
3/4	3/4	3/4	3/4	4,926.56	4,653.53	3/4	4,309.56	3/4	3,964.82	3/4	3,620.08	3/4	3,275.35	3/4	2,930.61	3/4	2,585.88			
5	5	5	5	4,925.23	4,646.39	5	4,302.37	5	3,957.63	5	3,612.90	5	3,268.16	5	2,923.42	5	2,578.69			
1/4	1/4	1/4	1/4	4,923.90	4,639.24	1/4	4,295.19	1/4	3,950.45	1/4	3,605.72	1/4	3,260.98	1/4	2,916.24	1/4	2,571.51			
1/2	1/2	1/2	1/2	4,922.57	4,632.10	1/2	4,288.01	1/2	3,943.27	1/2	3,598.54	1/2	3,253.80	1/2	2,909.06	1/2	2,564.33			
3/4	3/4	3/4	3/4	4,920.17	4,624.95	3/4	4,280.83	3/4	3,936.09	3/4	3,591.36	3/4	3,246.62	3/4	2,901.88	3/4	2,557.15			
6	6	6	6	4,917.78	4,617.80	6	4,273.64	6	3,928.90	6	3,584.19	6	3,239.43	6	2,894.70	6	2,549.96			
1/4	1/4	1/4	1/4	4,915.38	4,610.66	1/4	4,266.46	1/4	3,921.72	1/4	3,577.01	1/4	3,232.25	1/4	2,887.52	1/4	2,542.78			
1/2	1/2	1/2	1/2	4,912.99	4,603.51	1/2	4,259.28	1/2	3,914.54	1/2	3,569.84	1/2	3,225.07	1/2	2,880.34	1/2	2,535.60			
3/4	3/4	3/4	3/4	4,909.53	4,596.36	3/4	4,252.10	3/4	3,907.36	3/4	3,562.65	3/4	3,217.89	3/4	2,873.16	3/4	2,528.42			
7	7	7	7	4,906.06	4,589.22	7	4,244.91	7	3,900.18	7	3,555.46	7	3,210.70	7	2,865.97	7	2,521.23			
1/4	1/4	1/4	1/4	4,902.60	4,582.07	1/4	4,237.73	1/4	3,893.00	1/4	3,548.27	1/4	3,203.52	1/4	2,858.79	1/4	2,514.05			
1/2	1/2	1/2	1/2	4,899.14	4,574.93	1/2	4,230.55	1/2	3,885.82	1/2	3,541.08	1/2	3,196.34	1/2	2,851.61	1/2	2,506.87			
3/4	3/4	3/4	3/4	4,894.61	4,567.78	3/4	4,223.37	3/4	3,878.64	3/4	3,533.90	3/4	3,189.16	3/4	2,844.43	3/4	2,499.69			
8	8	8	8	4,890.08	4,560.63	8	4,216.18	8	3,871.45	8	3,526.71	8	3,181.98	8	2,837.24	8	2,492.50			
1/4	1/4	1/4	1/4	4,885.55	4,553.49	1/4	4,209.00	1/4	3,864.27	1/4	3,519.53	1/4	3,174.80	1/4	2,830.06	1/4	2,485.32			
1/2	1/2	1/2	1/2	4,881.02	4,546.34	1/2	4,201.82	1/2	3,857.09	1/2	3,512.35	1/2	3,167.62	1/2	2,822.88	1/2	2,478.14			
3/4	3/4	3/4	3/4	4,875.42	4,539.19	3/4	4,194.64	3/4	3,849.91	3/4	3,505.17	3/4	3,160.44	3/4	2,815.70	3/4	2,470.96			
9	9	9	9	4,869.82	4,532.05	9	4,187.46	9	3,842.72	9	3,497.98	9	3,153.25	9	2,808.51	9	2,463.78			
1/4	1/4	1/4	1/4	4,864.23	4,524.90	1/4	4,180.28	1/4	3,835.54	1/4	3,490.80	1/4	3,146.07	1/4	2,801.33	1/4	2,456.60			
1/2	1/2	1/2	1/2	4,858.63	4,517.76	1/2	4,173.10	1/2	3,828.36	1/2	3,483.62	1/2	3,138.89	1/2	2,794.15	1/2	2,449.42			
3/4	3/4	3/4	3/4	4,852.02	4,510.59	3/4	4,165.92	3/4	3,821.18	3/4	3,476.44	3/4	3,131.71	3/4	2,786.97	3/4	2,442.24			
10	10	10	10	4,845.40	4,503.43	10	4,158.73	10	3,813.99	10	3,469.26	10	3,124.52	10	2,779.78	10	2,435.05			
1/4	1/4	1/4	1/4	4,838.79	4,496.26	1/4	4,151.55	1/4	3,806.81	1/4	3,462.08	1/4	3,117.34	1/4	2,772.60	1/4	2,427.87			
1/2	1/2	1/2	1/2	4,832.18	4,489.10	1/2	4,144.37	1/2	3,799.63	1/2	3,454.90	1/2	3,110.16	1/2	2,765.42	1/2	2,420.69			
3/4	3/4	3/4	3/4	4,825.03	4,481.92	3/4	4,137.19	3/4	3,792.45	3/4	3,447.72	3/4	3,102.98	3/4	2,758.24	3/4	2,413.51			
11	11	11	11	4,817.89	4,474.74	11	4,130.00	11	3,785.26	11	3,440.53	11	3,095.79	11	2,751.06	11	2,406.32			
1/4	1/4	1/4	1/4	4,810.74	4,467.56	1/4	4,122.82	1/4	3,778.08	1/4	3,433.35	1/4	3,088.61	1/4	2,743.88	1/4	2,399.14			
1/2	1/2	1/2	1/2	4,803.60	4,460.38	1/2	4,115.64	1/2	3,770.90	1/2	3,426.17	1/2	3,081.43	1/2	2,736.70	1/2	2,391.96			
3/4	3/4	3/4	3/4	4,796.45	4,453.20	3/4	4,108.46	3/4	3,763.72	3/4	3,418.99	3/4	3,074.25	3/4	2,729.52	3/4	2,384.78			

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" 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 3036"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,377.59	0	2,032.86	0	1,688.12	0	1,343.38	0	998.65	0	653.91	0	309.18	0		0		0	
1/4	2,370.41	1/4	2,025.68	1/4	1,680.94	1/4	1,336.20	1/4	991.47	1/4	646.73	1/4	302.00	1/4	1/4		1/4		1/4
1/2	2,363.23	1/2	2,018.50	1/2	1,673.76	1/2	1,329.02	1/2	984.29	1/2	639.55	1/2	294.83	1/2	1/2		1/2		1/2
3/4	2,356.05	3/4	2,011.32	3/4	1,666.58	3/4	1,321.84	3/4	977.11	3/4	632.37	3/4	287.64	3/4	3/4		3/4		3/4
1	2,348.86	1	2,004.13	1	1,659.39	1	1,314.66	1	969.92	1	625.18	1	280.46	1	1		1		1
1/4	2,341.68	1/4	1,996.95	1/4	1,652.21	1/4	1,307.48	1/4	962.74	1/4	618.00	1/4	273.27	1/4	1/4		1/4		1/4
1/2	2,334.50	1/2	1,989.77	1/2	1,645.03	1/2	1,300.30	1/2	955.56	1/2	610.82	1/2	266.09	1/2	1/2		1/2		1/2
3/4	2,327.32	3/4	1,982.59	3/4	1,637.85	3/4	1,293.12	3/4	948.38	3/4	603.64	3/4	258.91	3/4	3/4		3/4		3/4
2	2,320.14	2	1,975.40	2	1,630.66	2	1,285.93	2	941.19	2	596.46	2	251.72	2	2		2		2
1/4	2,312.96	1/4	1,968.22	1/4	1,623.48	1/4	1,278.75	1/4	934.01	1/4	589.28	1/4	244.54	1/4	1/4		1/4		1/4
1/2	2,305.78	1/2	1,961.04	1/2	1,616.30	1/2	1,271.57	1/2	926.83	1/2	582.10	1/2	237.36	1/2	1/2		1/2		1/2
3/4	2,298.60	3/4	1,953.86	3/4	1,609.12	3/4	1,264.39	3/4	919.65	3/4	574.92	3/4	230.18	3/4	3/4		3/4		3/4
3	2,291.41	3	1,946.67	3	1,601.94	3	1,257.20	3	912.46	3	567.73	3	222.99	3	3		3		3
1/4	2,284.23	1/4	1,939.49	1/4	1,594.76	1/4	1,250.02	1/4	905.28	1/4	560.55	1/4	215.81	1/4	1/4		1/4		1/4
1/2	2,277.05	1/2	1,932.31	1/2	1,587.58	1/2	1,242.84	1/2	898.10	1/2	553.37	1/2	208.63	1/2	1/2		1/2		1/2
3/4	2,269.87	3/4	1,925.13	3/4	1,580.40	3/4	1,235.66	3/4	890.92	3/4	546.19	3/4	201.45	3/4	3/4		3/4		3/4
4	2,262.68	4	1,917.94	4	1,573.21	4	1,228.47	4	883.74	4	539.00	4	194.26	4	4		4		4
1/4	2,255.50	1/4	1,910.76	1/4	1,566.03	1/4	1,221.29	1/4	876.56	1/4	531.82	1/4	187.08	1/4	1/4		1/4		1/4
1/2	2,248.32	1/2	1,903.58	1/2	1,558.85	1/2	1,214.11	1/2	869.38	1/2	524.64	1/2	179.90	1/2	1/2		1/2		1/2
3/4	2,241.14	3/4	1,896.40	3/4	1,551.67	3/4	1,206.93	3/4	862.20	3/4	517.46	3/4	172.72	3/4	3/4		3/4		3/4
5	2,233.95	5	1,889.22	5	1,544.48	5	1,199.74	5	855.01	5	510.27	5	165.54	5	5		5		5
1/4	2,226.77	1/4	1,882.04	1/4	1,537.30	1/4	1,192.56	1/4	847.83	1/4	503.09	1/4	158.36	1/4	1/4		1/4		1/4
1/2	2,219.59	1/2	1,874.86	1/2	1,530.12	1/2	1,185.38	1/2	840.65	1/2	495.91	1/2	151.18	1/2	1/2		1/2		1/2
3/4	2,212.41	3/4	1,867.68	3/4	1,522.94	3/4	1,178.20	3/4	833.47	3/4	488.73	3/4	144.00	3/4	3/4		3/4		3/4
6	2,205.22	6	1,860.49	6	1,515.75	6	1,171.02	6	826.28	6	481.54	6	136.81	6	6		6		6
1/4	2,198.04	1/4	1,853.31	1/4	1,508.57	1/4	1,163.84	1/4	819.10	1/4	474.36	1/4	129.63	1/4	1/4		1/4		1/4
1/2	2,190.86	1/2	1,846.13	1/2	1,501.39	1/2	1,156.66	1/2	811.92	1/2	467.18	1/2	122.45	1/2	1/2		1/2		1/2
3/4	2,183.68	3/4	1,838.95	3/4	1,494.21	3/4	1,149.48	3/4	804.74	3/4	460.00	3/4	115.27	3/4	3/4		3/4		3/4
7	2,176.50	7	1,831.76	7	1,487.02	7	1,142.29	7	797.55	7	452.82	7	108.08	7	7		7		7
1/4	2,169.32	1/4	1,824.58	1/4	1,479.84	1/4	1,135.11	1/4	790.37	1/4	445.64	1/4	100.90	1/4	1/4		1/4		1/4
1/2	2,162.14	1/2	1,817.40	1/2	1,472.66	1/2	1,127.93	1/2	783.19	1/2	438.46	1/2	93.72	1/2	1/2		1/2		1/2
3/4	2,154.96	3/4	1,810.22	3/4	1,465.48	3/4	1,120.75	3/4	776.01	3/4	431.28	3/4	86.54	3/4	3/4		3/4		3/4
8	2,147.77	8	1,803.03	8	1,458.30	8	1,113.56	8	768.82	8	424.09	8	79.35	8	8		8		8
1/4	2,140.59	1/4	1,795.85	1/4	1,451.12	1/4	1,106.38	1/4	761.64	1/4	416.91	1/4	72.17	1/4	1/4		1/4		1/4
1/2	2,133.41	1/2	1,788.67	1/2	1,443.94	1/2	1,099.20	1/2	754.46	1/2	409.73	1/2	64.99	1/2	1/2		1/2		1/2
3/4	2,126.23	3/4	1,781.49	3/4	1,436.76	3/4	1,092.02	3/4	747.28	3/4	402.55	3/4	58.06	3/4	3/4		3/4		3/4
9	2,119.04	9	1,774.30	9	1,429.57	9	1,084.83	9	740.10	9	395.36	9	51.12	9	9		9		9
1/4	2,111.86	1/4	1,767.12	1/4	1,422.39	1/4	1,077.65	1/4	732.92	1/4	388.18	1/4	44.19	1/4	1/4		1/4		1/4
1/2	2,104.68	1/2	1,759.94	1/2	1,415.21	1/2	1,070.47	1/2	725.74	1/2	381.00	1/2	37.26	1/2	1/2		1/2		1/2
3/4	2,097.50	3/4	1,752.76	3/4	1,408.03	3/4	1,063.29	3/4	718.56	3/4	373.82	3/4	32.12	3/4	3/4		3/4		3/4
10	2,090.31	10	1,745.58	10	1,400.84	10	1,056.10	10	711.37	10	366.63	10	26.98	10	10		10		10
1/4	2,083.13	1/4	1,738.40	1/4	1,393.66	1/4	1,048.92	1/4	704.19	1/4	359.45	1/4	21.85	1/4	1/4		1/4		1/4
1/2	2,075.95	1/2	1,731.22	1/2	1,386.48	1/2	1,041.74	1/2	697.01	1/2	352.27	1/2	16.71	1/2	1/2		1/2		1/2
3/4	2,068.77	3/4	1,724.04	3/4	1,379.30	3/4	1,034.56	3/4	689.83	3/4	345.09	3/4		3/4	3/4		3/4		3/4
11	2,061.58	11	1,716.85	11	1,372.11	11	1,027.38	11	682.64	11	337.90	11		11	11		11		11
1/4	2,054.40	1/4	1,709.67	1/4	1,364.93	1/4	1,020.20	1/4	675.46	1/4	330.72	1/4		1/4	1/4		1/4		1/4
1/2	2,047.22	1/2	1,702.49	1/2	1,357.75	1/2	1,013.02	1/2	668.28	1/2	323.54	1/2		1/2	1/2		1/2		1/2
3/4	2,040.04	3/4	1,695.31	3/4	1,350.57	3/4	1,005.84	3/4	661.10	3/4	316.36	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/17/2003 INSP
RECALCULATED: 11/12/2018 SW
VERIFIED: 10/13/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

P.O. Box 2092
Pearland, Texas 77588

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BARGE "MMI 3036"

2 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-10 1/2"

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	4,789.31	0	4,446.01	0	4,101.27	0	3,756.54	0	3,411.80	0	3,067.06	0	2,722.33		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,782.16	1/4	4,438.83	1/4	4,094.09	1/4	3,749.36	1/4	3,404.62	1/4	3,059.88	1/4	2,715.15		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,775.02	1/2	4,431.65	1/2	4,086.91	1/2	3,742.18	1/2	3,397.44	1/2	3,052.70	1/2	2,707.97		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,767.87	3/4	4,424.47	3/4	4,079.73	3/4	3,735.00	3/4	3,390.26	3/4	3,045.52	3/4	2,700.79		
1		1		1		1	4,417.28	1	4,072.54	1	3,727.81	1	3,383.07	1	3,038.34	1	2,693.60				
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,753.58	1/4	4,410.10	1/4	4,065.36	1/4	3,720.63	1/4	3,375.89	1/4	3,031.16	1/4	2,686.42		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,746.43	1/2	4,402.92	1/2	4,058.18	1/2	3,713.45	1/2	3,368.71	1/2	3,023.98	1/2	2,679.24		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,739.28	3/4	4,395.74	3/4	4,051.00	3/4	3,706.27	3/4	3,361.53	3/4	3,016.80	3/4	2,672.06		
2		2		2		2	4,732.14	2	4,388.55	2	4,043.82	2	3,699.08	2	3,354.34	2	3,009.61	2	2,664.87		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,724.99	1/4	4,381.37	1/4	4,036.64	1/4	3,691.90	1/4	3,347.16	1/4	3,002.43	1/4	2,657.69		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,717.85	1/2	4,374.19	1/2	4,029.46	1/2	3,684.72	1/2	3,339.98	1/2	2,995.25	1/2	2,650.51		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,710.70	3/4	4,367.01	3/4	4,022.28	3/4	3,677.54	3/4	3,332.80	3/4	2,988.07	3/4	2,643.33		
3		3		3		3	4,703.55	3	4,359.82	3	4,015.09	3	3,670.35	3	3,325.62	3	2,980.88	3	2,636.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,696.41	1/4	4,352.64	1/4	4,007.91	1/4	3,663.17	1/4	3,318.44	1/4	2,973.70	1/4	2,628.96		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,689.26	1/2	4,345.46	1/2	4,000.73	1/2	3,655.99	1/2	3,311.26	1/2	2,966.52	1/2	2,621.78		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,682.11	3/4	4,338.28	3/4	3,993.55	3/4	3,648.81	3/4	3,304.08	3/4	2,959.34	3/4	2,614.60		
4		4		4		4	4,928.68	4	4,674.97	4	4,331.10	4	3,986.36	4	3,641.62	4	3,296.89	4	2,952.15	4	2,607.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,928.29	1/4	4,667.82	1/4	4,323.92	1/4	3,979.18	1/4	3,634.44	1/4	3,289.71	1/4	2,944.97	1/4	2,600.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,927.89	1/2	4,660.68	1/2	4,316.74	1/2	3,972.00	1/2	3,627.26	1/2	3,282.53	1/2	2,937.79	1/2	2,593.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,926.56	3/4	4,653.53	3/4	4,309.56	3/4	3,964.82	3/4	3,620.08	3/4	3,275.35	3/4	2,930.61	3/4	2,585.88
5		5		5		5	4,925.23	5	4,646.39	5	4,302.37	5	3,957.63	5	3,612.90	5	3,268.16	5	2,923.42	5	2,578.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,923.90	1/4	4,639.24	1/4	4,295.19	1/4	3,950.45	1/4	3,605.72	1/4	3,260.98	1/4	2,916.24	1/4	2,571.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,922.57	1/2	4,632.10	1/2	4,288.01	1/2	3,943.27	1/2	3,598.54	1/2	3,253.80	1/2	2,909.06	1/2	2,564.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,920.17	3/4	4,624.95	3/4	4,280.83	3/4	3,936.09	3/4	3,591.36	3/4	3,246.62	3/4	2,901.88	3/4	2,557.15
6		6		6		6	4,917.78	6	4,617.80	6	4,273.64	6	3,928.90	6	3,584.19	6	3,239.43	6	2,894.70	6	2,549.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,915.38	1/4	4,610.66	1/4	4,266.46	1/4	3,921.72	1/4	3,577.01	1/4	3,232.25	1/4	2,887.52	1/4	2,542.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,912.99	1/2	4,603.51	1/2	4,259.28	1/2	3,914.54	1/2	3,569.84	1/2	3,225.07	1/2	2,880.34	1/2	2,535.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,909.53	3/4	4,596.36	3/4	4,252.10	3/4	3,907.36	3/4	3,562.65	3/4	3,217.89	3/4	2,873.16	3/4	2,528.42
7		7		7		7	4,906.06	7	4,589.22	7	4,244.91	7	3,900.18	7	3,555.46	7	3,210.70	7	2,865.97	7	2,521.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,902.60	1/4	4,582.07	1/4	4,237.73	1/4	3,893.00	1/4	3,548.27	1/4	3,203.52	1/4	2,858.79	1/4	2,514.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,899.14	1/2	4,574.93	1/2	4,230.55	1/2	3,885.82	1/2	3,541.08	1/2	3,196.34	1/2	2,851.61	1/2	2,506.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,894.61	3/4	4,567.78	3/4	4,223.37	3/4	3,878.64	3/4	3,533.90	3/4	3,189.16	3/4	2,844.43	3/4	2,499.69
8		8		8		8	4,890.08	8	4,560.63	8	4,216.18	8	3,871.45	8	3,526.71	8	3,181.98	8	2,837.24	8	2,492.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,885.55	1/4	4,553.49	1/4	4,209.00	1/4	3,864.27	1/4	3,519.53	1/4	3,174.80	1/4	2,830.06	1/4	2,485.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,881.02	1/2	4,546.34	1/2	4,201.82	1/2	3,857.09	1/2	3,512.35	1/2	3,167.62	1/2	2,822.88	1/2	2,478.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,875.42	3/4	4,539.19	3/4	4,194.64	3/4	3,849.91	3/4	3,505.17	3/4	3,160.44	3/4	2,815.70	3/4	2,470.96
9		9		9		9	4,869.82	9	4,532.05	9	4,187.46	9	3,842.72	9	3,497.98	9	3,153.25	9	2,808.51	9	2,463.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,864.23	1/4	4,524.90	1/4	4,180.28	1/4	3,835.54	1/4	3,490.80	1/4	3,146.07	1/4	2,801.33	1/4	2,456.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,858.63	1/2	4,517.76	1/2	4,173.10	1/2	3,828.36	1/2	3,483.62	1/2	3,138.89	1/2	2,794.15	1/2	2,449.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,852.02	3/4	4,510.59	3/4	4,165.92	3/4	3,821.18	3/4	3,476.44	3/4	3,131.71	3/4	2,786.97	3/4	2,442.24
10		10		10		10	4,845.40	10	4,503.43	10	4,158.73	10	3,813.99	10	3,469.26	10	3,124.52	10	2,779.78	10	2,435.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,838.79	1/4	4,496.26	1/4	4,151.55	1/4	3,806.81	1/4	3,462.08	1/4	3,117.34	1/4	2,772.60	1/4	2,427.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,832.18	1/2	4,489.10	1/2	4,144.37	1/2	3,799.63	1/2	3,454.90	1/2	3,110.16	1/2	2,765.42	1/2	2,420.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,825.03	3/4	4,481.92	3/4	4,137.19	3/4	3,792.45	3/4	3,447.72	3/4	3,102.98	3/4	2,758.24	3/4	2,413.51
11		11		11		11	4,817.89	11	4,474.74	11	4,130.00	11	3,785.26	11	3,440.53	11	3,095.79	11	2,751.06	11	2,406.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,810.74	1/4	4,467.56	1/4	4,122.82	1/4	3,778.08	1/4	3,433.35	1/4	3,088.61	1/4	2,743.88	1/4	2,399.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,803.60	1/2	4,460.38	1/2	4,115.64	1/2	3,770.90	1/2	3,426.17	1/2	3,081.43	1/2	2,736.70	1/2	2,391.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,796.45	3/4	4,453.20	3/4	4,108.46	3/4	3,763.72	3/4	3,418.99	3/4	3,074.25	3/4	2,729.52	3/4	2,384.78

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" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 44'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "MMI 3036"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 16'-10 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,377.59	0	2,032.86	0	1,688.12	0	1,343.38	0	998.65	0	653.91	0	309.18	0		0		0	
1/4	2,370.41	1/4	2,025.68	1/4	1,680.94	1/4	1,336.20	1/4	991.47	1/4	646.73	1/4	302.00	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,363.23	1/2	2,018.50	1/2	1,673.76	1/2	1,329.02	1/2	984.29	1/2	639.55	1/2	294.83	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,356.05	3/4	2,011.32	3/4	1,666.58	3/4	1,321.84	3/4	977.11	3/4	632.37	3/4	287.64	3/4	3/4	3/4	3/4	3/4	3/4
1	2,348.86	1	2,004.13	1	1,659.39	1	1,314.66	1	969.92	1	625.18	1	280.46	1	1	1	1	1	1
1/4	2,341.68	1/4	1,996.95	1/4	1,652.21	1/4	1,307.48	1/4	962.74	1/4	618.00	1/4	273.27	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,334.50	1/2	1,989.77	1/2	1,645.03	1/2	1,300.30	1/2	955.56	1/2	610.82	1/2	266.09	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,327.32	3/4	1,982.59	3/4	1,637.85	3/4	1,293.12	3/4	948.38	3/4	603.64	3/4	258.91	3/4	3/4	3/4	3/4	3/4	3/4
2	2,320.14	2	1,975.40	2	1,630.66	2	1,285.93	2	941.19	2	596.46	2	251.72	2	2	2	2	2	2
1/4	2,312.96	1/4	1,968.22	1/4	1,623.48	1/4	1,278.75	1/4	934.01	1/4	589.28	1/4	244.54	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,305.78	1/2	1,961.04	1/2	1,616.30	1/2	1,271.57	1/2	926.83	1/2	582.10	1/2	237.36	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,298.60	3/4	1,953.86	3/4	1,609.12	3/4	1,264.39	3/4	919.65	3/4	574.92	3/4	230.18	3/4	3/4	3/4	3/4	3/4	3/4
3	2,291.41	3	1,946.67	3	1,601.94	3	1,257.20	3	912.46	3	567.73	3	222.99	3	3	3	3	3	3
1/4	2,284.23	1/4	1,939.49	1/4	1,594.76	1/4	1,250.02	1/4	905.28	1/4	560.55	1/4	215.81	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,277.05	1/2	1,932.31	1/2	1,587.58	1/2	1,242.84	1/2	898.10	1/2	553.37	1/2	208.63	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,269.87	3/4	1,925.13	3/4	1,580.40	3/4	1,235.66	3/4	890.92	3/4	546.19	3/4	201.45	3/4	3/4	3/4	3/4	3/4	3/4
4	2,262.68	4	1,917.94	4	1,573.21	4	1,228.47	4	883.74	4	539.00	4	194.26	4	4	4	4	4	4
1/4	2,255.50	1/4	1,910.76	1/4	1,566.03	1/4	1,221.29	1/4	876.56	1/4	531.82	1/4	187.08	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,248.32	1/2	1,903.58	1/2	1,558.85	1/2	1,214.11	1/2	869.38	1/2	524.64	1/2	179.90	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,241.14	3/4	1,896.40	3/4	1,551.67	3/4	1,206.93	3/4	862.20	3/4	517.46	3/4	172.72	3/4	3/4	3/4	3/4	3/4	3/4
5	2,233.95	5	1,889.22	5	1,544.48	5	1,199.74	5	855.01	5	510.27	5	165.54	5	5	5	5	5	5
1/4	2,226.77	1/4	1,882.04	1/4	1,537.30	1/4	1,192.56	1/4	847.83	1/4	503.09	1/4	158.36	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,219.59	1/2	1,874.86	1/2	1,530.12	1/2	1,185.38	1/2	840.65	1/2	495.91	1/2	151.18	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,212.41	3/4	1,867.68	3/4	1,522.94	3/4	1,178.20	3/4	833.47	3/4	488.73	3/4	144.00	3/4	3/4	3/4	3/4	3/4	3/4
6	2,205.22	6	1,860.49	6	1,515.75	6	1,171.02	6	826.28	6	481.54	6	136.81	6	6	6	6	6	6
1/4	2,198.04	1/4	1,853.31	1/4	1,508.57	1/4	1,163.84	1/4	819.10	1/4	474.36	1/4	129.63	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,190.86	1/2	1,846.13	1/2	1,501.39	1/2	1,156.66	1/2	811.92	1/2	467.18	1/2	122.45	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,183.68	3/4	1,838.95	3/4	1,494.21	3/4	1,149.48	3/4	804.74	3/4	460.00	3/4	115.27	3/4	3/4	3/4	3/4	3/4	3/4
7	2,176.50	7	1,831.76	7	1,487.02	7	1,142.29	7	797.55	7	452.82	7	108.08	7	7	7	7	7	7
1/4	2,169.32	1/4	1,824.58	1/4	1,479.84	1/4	1,135.11	1/4	790.37	1/4	445.64	1/4	100.90	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,162.14	1/2	1,817.40	1/2	1,472.66	1/2	1,127.93	1/2	783.19	1/2	438.46	1/2	93.72	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,154.96	3/4	1,810.22	3/4	1,465.48	3/4	1,120.75	3/4	776.01	3/4	431.28	3/4	86.54	3/4	3/4	3/4	3/4	3/4	3/4
8	2,147.77	8	1,803.03	8	1,458.30	8	1,113.56	8	768.82	8	424.09	8	79.35	8	8	8	8	8	8
1/4	2,140.59	1/4	1,795.85	1/4	1,451.12	1/4	1,106.38	1/4	761.64	1/4	416.91	1/4	72.17	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,133.41	1/2	1,788.67	1/2	1,443.94	1/2	1,099.20	1/2	754.46	1/2	409.73	1/2	64.99	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,126.23	3/4	1,781.49	3/4	1,436.76	3/4	1,092.02	3/4	747.28	3/4	402.55	3/4	58.06	3/4	3/4	3/4	3/4	3/4	3/4
9	2,119.04	9	1,774.30	9	1,429.57	9	1,084.83	9	740.10	9	395.36	9	51.12	9	9	9	9	9	9
1/4	2,111.86	1/4	1,767.12	1/4	1,422.39	1/4	1,077.65	1/4	732.92	1/4	388.18	1/4	44.19	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,104.68	1/2	1,759.94	1/2	1,415.21	1/2	1,070.47	1/2	725.74	1/2	381.00	1/2	37.26	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,097.50	3/4	1,752.76	3/4	1,408.03	3/4	1,063.29	3/4	718.56	3/4	373.82	3/4	32.12	3/4	3/4	3/4	3/4	3/4	3/4
10	2,090.31	10	1,745.58	10	1,400.84	10	1,056.10	10	711.37	10	366.63	10	26.98	10	10	10	10	10	10
1/4	2,083.13	1/4	1,738.40	1/4	1,393.66	1/4	1,048.92	1/4	704.19	1/4	359.45	1/4	21.85	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,075.95	1/2	1,731.22	1/2	1,386.48	1/2	1,041.74	1/2	697.01	1/2	352.27	1/2	16.71	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,068.77	3/4	1,724.04	3/4	1,379.30	3/4	1,034.56	3/4	689.83	3/4	345.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,061.58	11	1,716.85	11	1,372.11	11	1,027.38	11	682.64	11	337.90	11		11	11	11	11	11	11
1/4	2,054.40	1/4	1,709.67	1/4	1,364.93	1/4	1,020.20	1/4	675.46	1/4	330.72	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,047.22	1/2	1,702.49	1/2	1,357.75	1/2	1,013.02	1/2	668.28	1/2	323.54	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,040.04	3/4	1,695.31	3/4	1,350.57	3/4	1,005.84	3/4	661.10	3/4	316.36	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/17/2003 INSP
 RECALCULATED: 11/12/2018 SW
 VERIFIED: 10/13/2023 JS

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2023

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

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BARGE "MMI 3036"

3 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-10 1/2"

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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4		1/4	4,611.32	1/4	4,357.78	1/4	4,104.25	1/4	3,850.71	1/4	3,593.42	1/4	3,242.11	1/4	2,876.54		
1/2		1/2		1/2		1/2	4,606.04	1/2	4,352.50	1/2	4,098.97	1/2	3,845.43	1/2	3,587.45	1/2	3,234.49	1/2	2,868.92		
3/4		3/4		3/4		3/4	4,600.76	3/4	4,347.22	3/4	4,093.69	3/4	3,840.15	3/4	3,581.13	3/4	3,226.88	3/4	2,861.31		
1	1	1	1	1	1	1	4,595.48	1	4,341.93	1	4,088.40	1	3,834.86	1	3,574.81	1	3,219.26	1	2,853.69		
1/4		1/4		1/4		1/4	4,590.19	1/4	4,336.65	1/4	4,083.12	1/4	3,829.58	1/4	3,568.49	1/4	3,211.65	1/4	2,846.08		
1/2		1/2		1/2		1/2	4,584.91	1/2	4,331.37	1/2	4,077.84	1/2	3,824.30	1/2	3,562.17	1/2	3,204.03	1/2	2,838.46		
3/4		3/4		3/4		3/4	4,579.63	3/4	4,326.09	3/4	4,072.56	3/4	3,819.02	3/4	3,555.51	3/4	3,196.41	3/4	2,830.85		
2	2	2	2	2	2	2	4,574.35	2	4,320.81	2	4,067.27	2	3,813.73	2	3,548.84	2	3,188.80	2	2,823.23		
1/4		1/4		1/4		1/4	4,569.06	1/4	4,315.53	1/4	4,061.99	1/4	3,808.45	1/4	3,542.18	1/4	3,181.18	1/4	2,815.62		
1/2		1/2		1/2		1/2	4,563.78	1/2	4,310.25	1/2	4,056.71	1/2	3,803.17	1/2	3,535.51	1/2	3,173.56	1/2	2,808.00		
3/4		3/4		3/4		3/4	4,558.50	3/4	4,304.97	3/4	4,051.43	3/4	3,797.89	3/4	3,528.50	3/4	3,165.95	3/4	2,800.38		
3	3	3	3	3	3	3	4,553.22	3	4,299.68	3	4,046.14	3	3,792.61	3	3,521.49	3	3,158.33	3	2,792.77		
1/4		1/4		1/4		1/4	4,547.93	1/4	4,294.40	1/4	4,040.86	1/4	3,787.33	1/4	3,514.47	1/4	3,150.72	1/4	2,785.15		
1/2		1/2		1/2		1/2	4,542.65	1/2	4,289.12	1/2	4,035.58	1/2	3,782.05	1/2	3,507.46	1/2	3,143.10	1/2	2,777.53		
3/4		3/4		3/4		3/4	4,719.52	3/4	4,537.37	3/4	4,283.84	3/4	4,030.30	3/4	3,776.77	3/4	3,500.10	3/4	3,135.49	3/4	2,769.92
4	4	4	4	4	4	4	4,719.23	4	4,532.09	4	4,278.55	4	4,025.01	4	3,771.48	4	3,492.75	4	3,127.87	4	2,762.30
1/4		1/4		1/4		1/4	4,718.94	1/4	4,526.81	1/4	4,273.27	1/4	4,019.73	1/4	3,766.20	1/4	3,485.39	1/4	3,120.26	1/4	2,754.69
1/2		1/2		1/2		1/2	4,718.65	1/2	4,521.53	1/2	4,267.99	1/2	4,014.45	1/2	3,760.92	1/2	3,478.03	1/2	3,112.64	1/2	2,747.07
3/4		3/4		3/4		3/4	4,717.68	3/4	4,516.25	3/4	4,262.71	3/4	4,009.17	3/4	3,755.64	3/4	3,470.46	3/4	3,105.02	3/4	2,739.45
5	5	5	5	5	5	5	4,716.71	5	4,510.97	5	4,257.42	5	4,003.89	5	3,750.35	5	3,462.89	5	3,097.41	5	2,731.84
1/4		1/4		1/4		1/4	4,715.73	1/4	4,505.68	1/4	4,252.14	1/4	3,998.61	1/4	3,745.07	1/4	3,455.31	1/4	3,089.79	1/4	2,724.22
1/2		1/2		1/2		1/2	4,714.76	1/2	4,500.40	1/2	4,246.86	1/2	3,993.33	1/2	3,739.79	1/2	3,447.74	1/2	3,082.17	1/2	2,716.60
3/4		3/4		3/4		3/4	4,713.00	3/4	4,495.12	3/4	4,241.58	3/4	3,988.05	3/4	3,734.51	3/4	3,440.13	3/4	3,074.56	3/4	2,708.99
6	6	6	6	6	6	6	4,711.25	6	4,489.84	6	4,236.29	6	3,982.76	6	3,729.22	6	3,432.51	6	3,066.94	6	2,701.37
1/4		1/4		1/4		1/4	4,709.49	1/4	4,484.55	1/4	4,231.01	1/4	3,977.48	1/4	3,723.94	1/4	3,424.90	1/4	3,059.33	1/4	2,693.76
1/2		1/2		1/2		1/2	4,707.73	1/2	4,479.27	1/2	4,225.73	1/2	3,972.20	1/2	3,718.66	1/2	3,417.28	1/2	3,051.71	1/2	2,686.14
3/4		3/4		3/4		3/4	4,705.19	3/4	4,473.99	3/4	4,220.45	3/4	3,966.92	3/4	3,713.38	3/4	3,409.66	3/4	3,044.09	3/4	2,678.53
7	7	7	7	7	7	7	4,702.65	7	4,468.71	7	4,215.17	7	3,961.63	7	3,708.10	7	3,402.05	7	3,036.48	7	2,670.91
1/4		1/4		1/4		1/4	4,700.11	1/4	4,463.42	1/4	4,209.89	1/4	3,956.35	1/4	3,702.81	1/4	3,394.43	1/4	3,028.86	1/4	2,663.30
1/2		1/2		1/2		1/2	4,697.57	1/2	4,458.14	1/2	4,204.61	1/2	3,951.07	1/2	3,697.53	1/2	3,386.81	1/2	3,021.24	1/2	2,655.68
3/4		3/4		3/4		3/4	4,694.25	3/4	4,452.86	3/4	4,199.33	3/4	3,945.79	3/4	3,692.25	3/4	3,379.20	3/4	3,013.63	3/4	2,648.06
8	8	8	8	8	8	8	4,690.93	8	4,447.57	8	4,194.04	8	3,940.50	8	3,686.97	8	3,371.58	8	3,006.01	8	2,640.45
1/4		1/4		1/4		1/4	4,687.60	1/4	4,442.29	1/4	4,188.76	1/4	3,935.22	1/4	3,681.69	1/4	3,363.97	1/4	2,998.40	1/4	2,632.83
1/2		1/2		1/2		1/2	4,684.28	1/2	4,437.01	1/2	4,183.48	1/2	3,929.94	1/2	3,676.41	1/2	3,356.35	1/2	2,990.78	1/2	2,625.21
3/4		3/4		3/4		3/4	4,680.17	3/4	4,431.73	3/4	4,178.20	3/4	3,924.66	3/4	3,671.13	3/4	3,348.73	3/4	2,983.17	3/4	2,617.60
9	9	9	9	9	9	9	4,676.07	9	4,426.45	9	4,172.91	9	3,919.37	9	3,665.85	9	3,341.12	9	2,975.55	9	2,609.98
1/4		1/4		1/4		1/4	4,671.96	1/4	4,421.17	1/4	4,167.63	1/4	3,914.09	1/4	3,660.56	1/4	3,333.50	1/4	2,967.94	1/4	2,602.37
1/2		1/2		1/2		1/2	4,667.85	1/2	4,415.89	1/2	4,162.35	1/2	3,908.81	1/2	3,655.28	1/2	3,325.88	1/2	2,960.32	1/2	2,594.75
3/4		3/4		3/4		3/4	4,662.96	3/4	4,410.61	3/4	4,157.07	3/4	3,903.53	3/4	3,649.93	3/4	3,318.27	3/4	2,952.70	3/4	2,587.13
10	10	10	10	10	10	10	4,658.07	10	4,405.32	10	4,151.78	10	3,898.25	10	3,644.59	10	3,310.65	10	2,945.09	10	2,579.52
1/4		1/4		1/4		1/4	4,653.18	1/4	4,400.04	1/4	4,146.50	1/4	3,892.97	1/4	3,639.24	1/4	3,303.04	1/4	2,937.47	1/4	2,571.90
1/2		1/2		1/2		1/2	4,648.29	1/2	4,394.76	1/2	4,141.22	1/2	3,887.69	1/2	3,633.89	1/2	3,295.42	1/2	2,929.85	1/2	2,564.28
3/4		3/4		3/4		3/4	4,643.01	3/4	4,389.48	3/4	4,135.94	3/4	3,882.41	3/4	3,628.25	3/4	3,287.81	3/4	2,922.24	3/4	2,556.67
11	11	11	11	11	11	11	4,637.73	11	4,384.19	11	4,130.65	11	3,877.12	11	3,622.62	11	3,280.19	11	2,914.62	11	2,549.05
1/4		1/4		1/4		1/4	4,632.45	1/4	4,378.91	1/4	4,125.37	1/4	3,871.84	1/4	3,616.98	1/4	3,272.58	1/4	2,907.01	1/4	2,541.44
1/2		1/2		1/2		1/2	4,627.17	1/2	4,373.63	1/2	4,120.09	1/2	3,866.56	1/2	3,611.34	1/2	3,264.96	1/2	2,899.39	1/2	2,533.82
3/4		3/4		3/4		3/4	4,621.89	3/4	4,368.35	3/4	4,114.81	3/4	3,861.28	3/4	3,605.37	3/4	3,257.34	3/4	2,891.77	3/4	2,526.21

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" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-09" 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 3036"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,518.59	0	2,153.02	0	1,787.45	0	1,421.89	0	1,056.32	0	692.59	0	327.56	0		0		0	
1/4	2,510.98	1/4	2,145.41	1/4	1,779.84	1/4	1,414.27	1/4	1,048.70	1/4	685.02	1/4	319.96	1/4	1/4	1/4		1/4	
1/2	2,503.36	1/2	2,137.79	1/2	1,772.22	1/2	1,406.65	1/2	1,041.08	1/2	677.44	1/2	312.35	1/2	1/2	1/2		1/2	
3/4	2,495.74	3/4	2,130.17	3/4	1,764.61	3/4	1,399.04	3/4	1,033.51	3/4	669.83	3/4	304.74	3/4	3/4	3/4		3/4	
1	2,488.13	1	2,122.56	1	1,756.99	1	1,391.42	1	1,025.93	1	662.23	1	297.14	1	1	1		1	
1/4	2,480.51	1/4	2,114.94	1/4	1,749.38	1/4	1,383.81	1/4	1,018.36	1/4	654.62	1/4	289.53	1/4	1/4	1/4		1/4	
1/2	2,472.89	1/2	2,107.32	1/2	1,741.76	1/2	1,376.19	1/2	1,010.78	1/2	647.01	1/2	281.92	1/2	1/2	1/2		1/2	
3/4	2,465.28	3/4	2,099.71	3/4	1,734.14	3/4	1,368.57	3/4	1,003.21	3/4	639.41	3/4	274.32	3/4	3/4	3/4		3/4	
2	2,457.66	2	2,092.09	2	1,726.53	2	1,360.96	2	995.63	2	631.80	2	266.71	2	2	2		2	
1/4	2,450.05	1/4	2,084.48	1/4	1,718.91	1/4	1,353.34	1/4	988.06	1/4	624.20	1/4	259.11	1/4	1/4	1/4		1/4	
1/2	2,442.43	1/2	2,076.86	1/2	1,711.29	1/2	1,345.72	1/2	980.48	1/2	616.59	1/2	251.50	1/2	1/2	1/2		1/2	
3/4	2,434.81	3/4	2,069.25	3/4	1,703.68	3/4	1,338.11	3/4	972.90	3/4	608.98	3/4	243.90	3/4	3/4	3/4		3/4	
3	2,427.20	3	2,061.63	3	1,696.06	3	1,330.49	3	965.33	3	601.38	3	236.29	3	3	3		3	
1/4	2,419.58	1/4	2,054.02	1/4	1,688.45	1/4	1,322.88	1/4	957.75	1/4	593.77	1/4	228.69	1/4	1/4	1/4		1/4	
1/2	2,411.96	1/2	2,046.40	1/2	1,680.83	1/2	1,315.26	1/2	950.17	1/2	586.16	1/2	221.08	1/2	1/2	1/2		1/2	
3/4	2,404.35	3/4	2,038.78	3/4	1,673.21	3/4	1,307.65	3/4	942.60	3/4	578.56	3/4	213.47	3/4	3/4	3/4		3/4	
4	2,396.73	4	2,031.17	4	1,665.60	4	1,300.03	4	935.02	4	570.95	4	205.87	4	4	4		4	
1/4	2,389.12	1/4	2,023.55	1/4	1,657.98	1/4	1,292.42	1/4	927.45	1/4	563.35	1/4	198.26	1/4	1/4	1/4		1/4	
1/2	2,381.50	1/2	2,015.93	1/2	1,650.36	1/2	1,284.80	1/2	919.87	1/2	555.74	1/2	190.65	1/2	1/2	1/2		1/2	
3/4	2,373.89	3/4	2,008.32	3/4	1,642.75	3/4	1,277.18	3/4	912.29	3/4	548.14	3/4	183.05	3/4	3/4	3/4		3/4	
5	2,366.27	5	2,000.70	5	1,635.13	5	1,269.57	5	904.72	5	540.53	5	175.44	5	5	5		5	
1/4	2,358.66	1/4	1,993.09	1/4	1,627.52	1/4	1,261.95	1/4	897.14	1/4	532.93	1/4	167.84	1/4	1/4	1/4		1/4	
1/2	2,351.04	1/2	1,985.47	1/2	1,619.90	1/2	1,254.33	1/2	889.56	1/2	525.32	1/2	160.23	1/2	1/2	1/2		1/2	
3/4	2,343.42	3/4	1,977.85	3/4	1,612.29	3/4	1,246.72	3/4	881.99	3/4	517.71	3/4	152.62	3/4	3/4	3/4		3/4	
6	2,335.81	6	1,970.24	6	1,604.67	6	1,239.10	6	874.41	6	510.11	6	145.02	6	6	6		6	
1/4	2,328.19	1/4	1,962.62	1/4	1,597.06	1/4	1,231.49	1/4	866.84	1/4	502.50	1/4	137.41	1/4	1/4	1/4		1/4	
1/2	2,320.57	1/2	1,955.00	1/2	1,589.44	1/2	1,223.87	1/2	859.26	1/2	494.89	1/2	129.80	1/2	1/2	1/2		1/2	
3/4	2,312.96	3/4	1,947.39	3/4	1,581.82	3/4	1,216.25	3/4	851.69	3/4	487.29	3/4	122.20	3/4	3/4	3/4		3/4	
7	2,305.34	7	1,939.77	7	1,574.21	7	1,208.64	7	844.11	7	479.68	7	114.59	7	7	7		7	
1/4	2,297.73	1/4	1,932.16	1/4	1,566.59	1/4	1,201.02	1/4	836.54	1/4	472.08	1/4	106.99	1/4	1/4	1/4		1/4	
1/2	2,290.11	1/2	1,924.54	1/2	1,558.97	1/2	1,193.40	1/2	828.96	1/2	464.47	1/2	99.38	1/2	1/2	1/2		1/2	
3/4	2,282.49	3/4	1,916.93	3/4	1,551.36	3/4	1,185.79	3/4	821.38	3/4	456.86	3/4	91.78	3/4	3/4	3/4		3/4	
8	2,274.88	8	1,909.31	8	1,543.74	8	1,178.17	8	813.81	8	449.26	8	84.17	8	8	8		8	
1/4	2,267.26	1/4	1,901.70	1/4	1,536.13	1/4	1,170.56	1/4	806.23	1/4	441.65	1/4	76.57	1/4	1/4	1/4		1/4	
1/2	2,259.64	1/2	1,894.08	1/2	1,528.51	1/2	1,162.94	1/2	798.65	1/2	434.04	1/2	68.96	1/2	1/2	1/2		1/2	
3/4	2,252.03	3/4	1,886.46	3/4	1,520.89	3/4	1,155.33	3/4	791.08	3/4	426.44	3/4	61.63	3/4	3/4	3/4		3/4	
9	2,244.41	9	1,878.85	9	1,513.28	9	1,147.71	9	783.50	9	418.83	9	54.29	9	9	9		9	
1/4	2,236.80	1/4	1,871.23	1/4	1,505.66	1/4	1,140.10	1/4	775.93	1/4	411.23	1/4	46.96	1/4	1/4	1/4		1/4	
1/2	2,229.18	1/2	1,863.61	1/2	1,498.04	1/2	1,132.48	1/2	768.35	1/2	403.62	1/2	39.62	1/2	1/2	1/2		1/2	
3/4	2,221.57	3/4	1,856.00	3/4	1,490.43	3/4	1,124.86	3/4	760.77	3/4	396.02	3/4	34.19	3/4	3/4	3/4		3/4	
10	2,213.95	10	1,848.38	10	1,482.81	10	1,117.25	10	753.20	10	388.41	10	28.76	10	10	10		10	
1/4	2,206.34	1/4	1,840.77	1/4	1,475.20	1/4	1,109.63	1/4	745.62	1/4	380.81	1/4	23.33	1/4	1/4	1/4		1/4	
1/2	2,198.72	1/2	1,833.15	1/2	1,467.58	1/2	1,102.01	1/2	738.04	1/2	373.20	1/2	17.90	1/2	1/2	1/2		1/2	
3/4	2,191.10	3/4	1,825.53	3/4	1,459.97	3/4	1,094.40	3/4	730.47	3/4	365.59	3/4		3/4	3/4	3/4		3/4	
11	2,183.49	11	1,817.92	11	1,452.35	11	1,086.78	11	722.89	11	357.99	11		11	11	11		11	
1/4	2,175.87	1/4	1,810.30	1/4	1,444.74	1/4	1,079.17	1/4	715.32	1/4	350.38	1/4		1/4	1/4	1/4		1/4	
1/2	2,168.25	1/2	1,802.68	1/2	1,437.12	1/2	1,071.55	1/2	707.74	1/2	342.77	1/2		1/2	1/2	1/2		1/2	
3/4	2,160.64	3/4	1,795.07	3/4	1,429.50	3/4	1,063.93	3/4	700.17	3/4	335.17	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/17/2003 INSP
RECALCULATED: 11/12/2018 SW
VERIFIED: 10/13/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MMI 3036"

3 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 16'-10 3/4"

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	4,621.89	0	4,368.35	0	4,114.81	0	3,861.28	0	3,605.37	0	3,257.34	0	2,891.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,616.61	1/4	4,363.06	1/4	4,109.53	1/4	3,855.99	1/4	3,599.40	1/4	3,249.73	1/4	2,884.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,611.32	1/2	4,357.78	1/2	4,104.25	1/2	3,850.71	1/2	3,593.42	1/2	3,242.11	1/2	2,876.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,606.04	3/4	4,352.50	3/4	4,098.97	3/4	3,845.43	3/4	3,587.45	3/4	3,234.49	3/4	2,868.92
1		1		1		1	4,600.76	1	4,347.22	1	4,093.69	1	3,840.15	1	3,581.13	1	3,226.88	1	2,861.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,595.48	1/4	4,341.93	1/4	4,088.40	1/4	3,834.86	1/4	3,574.81	1/4	3,219.26	1/4	2,853.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,590.19	1/2	4,336.65	1/2	4,083.12	1/2	3,829.58	1/2	3,568.49	1/2	3,211.65	1/2	2,846.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,584.91	3/4	4,331.37	3/4	4,077.84	3/4	3,824.30	3/4	3,562.17	3/4	3,204.03	3/4	2,838.46
2		2		2		2	4,579.63	2	4,326.09	2	4,072.56	2	3,819.02	2	3,555.51	2	3,196.41	2	2,830.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,574.35	1/4	4,320.81	1/4	4,067.27	1/4	3,813.73	1/4	3,548.84	1/4	3,188.80	1/4	2,823.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,569.06	1/2	4,315.53	1/2	4,061.99	1/2	3,808.45	1/2	3,542.18	1/2	3,181.18	1/2	2,815.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,563.78	3/4	4,310.25	3/4	4,056.71	3/4	3,803.17	3/4	3,535.51	3/4	3,173.56	3/4	2,808.00
3		3		3		3	4,558.50	3	4,304.97	3	4,051.43	3	3,797.89	3	3,528.50	3	3,166.95	3	2,800.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,553.22	1/4	4,299.68	1/4	4,046.14	1/4	3,792.61	1/4	3,521.49	1/4	3,158.33	1/4	2,792.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,547.93	1/2	4,294.40	1/2	4,040.86	1/2	3,787.33	1/2	3,514.47	1/2	3,150.72	1/2	2,785.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,542.65	3/4	4,289.12	3/4	4,035.58	3/4	3,782.05	3/4	3,507.46	3/4	3,143.10	3/4	2,777.53
4		4	4,719.52	4	4,537.37	4	4,283.84	4	4,030.30	4	3,776.77	4	3,500.10	4	3,135.49	4	2,769.92		
1/4	1/4	1/4	4,719.23	1/4	4,532.09	1/4	4,278.55	1/4	4,025.01	1/4	3,771.48	1/4	3,492.75	1/4	3,127.87	1/4	2,762.30		
1/2	1/2	1/2	4,718.94	1/2	4,526.81	1/2	4,273.27	1/2	4,019.73	1/2	3,766.20	1/2	3,485.39	1/2	3,120.26	1/2	2,754.69		
3/4	3/4	3/4	4,718.65	3/4	4,521.53	3/4	4,267.99	3/4	4,014.45	3/4	3,760.92	3/4	3,478.03	3/4	3,112.64	3/4	2,747.07		
5		5	4,717.68	5	4,516.25	5	4,262.71	5	4,009.17	5	3,755.64	5	3,470.46	5	3,105.02	5	2,739.45		
1/4	1/4	1/4	4,716.71	1/4	4,510.97	1/4	4,257.42	1/4	4,003.89	1/4	3,750.35	1/4	3,462.89	1/4	3,097.41	1/4	2,731.84		
1/2	1/2	1/2	4,715.73	1/2	4,505.68	1/2	4,252.14	1/2	3,998.61	1/2	3,745.07	1/2	3,455.31	1/2	3,089.79	1/2	2,724.22		
3/4	3/4	3/4	4,714.76	3/4	4,500.40	3/4	4,246.86	3/4	3,993.33	3/4	3,739.79	3/4	3,447.74	3/4	3,082.17	3/4	2,716.60		
6		6	4,713.00	6	4,495.12	6	4,241.58	6	3,988.05	6	3,734.51	6	3,440.13	6	3,074.56	6	2,708.99		
1/4	1/4	1/4	4,711.25	1/4	4,489.84	1/4	4,236.29	1/4	3,982.76	1/4	3,729.22	1/4	3,432.51	1/4	3,066.94	1/4	2,701.37		
1/2	1/2	1/2	4,709.49	1/2	4,484.55	1/2	4,231.01	1/2	3,977.48	1/2	3,723.94	1/2	3,424.90	1/2	3,059.33	1/2	2,693.76		
3/4	3/4	3/4	4,707.73	3/4	4,479.27	3/4	4,225.73	3/4	3,972.20	3/4	3,718.66	3/4	3,417.28	3/4	3,051.71	3/4	2,686.14		
7		7	4,705.19	7	4,473.99	7	4,220.45	7	3,966.92	7	3,713.38	7	3,409.66	7	3,044.09	7	2,678.53		
1/4	1/4	1/4	4,702.65	1/4	4,468.71	1/4	4,215.17	1/4	3,961.63	1/4	3,708.10	1/4	3,402.05	1/4	3,036.48	1/4	2,670.91		
1/2	1/2	1/2	4,700.11	1/2	4,463.42	1/2	4,209.89	1/2	3,956.35	1/2	3,702.81	1/2	3,394.43	1/2	3,028.86	1/2	2,663.30		
3/4	3/4	3/4	4,697.57	3/4	4,458.14	3/4	4,204.61	3/4	3,951.07	3/4	3,697.53	3/4	3,386.81	3/4	3,021.24	3/4	2,655.68		
8		8	4,694.25	8	4,452.86	8	4,199.33	8	3,945.79	8	3,692.25	8	3,379.20	8	3,013.63	8	2,648.06		
1/4	1/4	1/4	4,690.93	1/4	4,447.57	1/4	4,194.04	1/4	3,940.50	1/4	3,686.97	1/4	3,371.58	1/4	3,006.01	1/4	2,640.45		
1/2	1/2	1/2	4,687.60	1/2	4,442.29	1/2	4,188.76	1/2	3,935.22	1/2	3,681.69	1/2	3,363.97	1/2	2,998.40	1/2	2,632.83		
3/4	3/4	3/4	4,684.28	3/4	4,437.01	3/4	4,183.48	3/4	3,929.94	3/4	3,676.41	3/4	3,356.35	3/4	2,990.78	3/4	2,625.21		
9		9	4,680.17	9	4,431.73	9	4,178.20	9	3,924.66	9	3,671.13	9	3,348.73	9	2,983.17	9	2,617.60		
1/4	1/4	1/4	4,676.07	1/4	4,426.45	1/4	4,172.91	1/4	3,919.37	1/4	3,665.85	1/4	3,341.12	1/4	2,975.55	1/4	2,609.98		
1/2	1/2	1/2	4,671.96	1/2	4,421.17	1/2	4,167.63	1/2	3,914.09	1/2	3,660.56	1/2	3,333.50	1/2	2,967.94	1/2	2,602.37		
3/4	3/4	3/4	4,667.85	3/4	4,415.89	3/4	4,162.35	3/4	3,908.81	3/4	3,655.28	3/4	3,325.88	3/4	2,960.32	3/4	2,594.75		
10		10	4,662.96	10	4,410.61	10	4,157.07	10	3,903.53	10	3,649.93	10	3,318.27	10	2,952.70	10	2,587.13		
1/4	1/4	1/4	4,658.07	1/4	4,405.32	1/4	4,151.78	1/4	3,898.25	1/4	3,644.59	1/4	3,310.65	1/4	2,945.09	1/4	2,579.52		
1/2	1/2	1/2	4,653.18	1/2	4,400.04	1/2	4,146.50	1/2	3,892.97	1/2	3,639.24	1/2	3,303.04	1/2	2,937.47	1/2	2,571.90		
3/4	3/4	3/4	4,648.29	3/4	4,394.76	3/4	4,141.22	3/4	3,887.69	3/4	3,633.89	3/4	3,295.42	3/4	2,929.85	3/4	2,564.28		
11		11	4,643.01	11	4,389.48	11	4,135.94	11	3,882.41	11	3,628.25	11	3,287.81	11	2,922.24	11	2,556.67		
1/4	1/4	1/4	4,637.73	1/4	4,384.19	1/4	4,130.65	1/4	3,877.12	1/4	3,622.62	1/4	3,280.19	1/4	2,914.62	1/4	2,549.05		
1/2	1/2	1/2	4,632.45	1/2	4,378.91	1/2	4,125.37	1/2	3,871.84	1/2	3,616.98	1/2	3,272.58	1/2	2,907.01	1/2	2,541.44		
3/4	3/4	3/4	4,627.17	3/4	4,373.63	3/4	4,120.09	3/4	3,866.56	3/4	3,611.34	3/4	3,264.96	3/4	2,899.39	3/4	2,533.82		

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" DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-09" 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 3036"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 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	2,526.21	0	2,160.64	0	1,795.07	0	1,429.50	0	1,063.93	0	700.17	0	335.17	0		0			
1/4	2,518.59	1/4	2,153.02	1/4	1,787.45	1/4	1,421.89	1/4	1,056.32	1/4	692.59	1/4	327.56	1/4					
1/2	2,510.98	1/2	2,145.41	1/2	1,779.84	1/2	1,414.27	1/2	1,048.70	1/2	685.02	1/2	319.96	1/2					
3/4	2,503.36	3/4	2,137.79	3/4	1,772.22	3/4	1,406.65	3/4	1,041.08	3/4	677.44	3/4	312.35	3/4					
1	2,495.74	1	2,130.17	1	1,764.61	1	1,399.04	1	1,033.51	1	669.83	1	304.74	1					
1/4	2,488.13	1/4	2,122.56	1/4	1,756.99	1/4	1,391.42	1/4	1,025.93	1/4	662.23	1/4	297.14	1/4					
1/2	2,480.51	1/2	2,114.94	1/2	1,749.38	1/2	1,383.81	1/2	1,018.36	1/2	654.62	1/2	289.53	1/2					
3/4	2,472.89	3/4	2,107.32	3/4	1,741.76	3/4	1,376.19	3/4	1,010.78	3/4	647.01	3/4	281.92	3/4					
2	2,465.28	2	2,099.71	2	1,734.14	2	1,368.57	2	1,003.21	2	639.41	2	274.32	2					
1/4	2,457.66	1/4	2,092.09	1/4	1,726.53	1/4	1,360.96	1/4	995.63	1/4	631.80	1/4	266.71	1/4					
1/2	2,450.05	1/2	2,084.48	1/2	1,718.91	1/2	1,353.34	1/2	988.06	1/2	624.20	1/2	259.11	1/2					
3/4	2,442.43	3/4	2,076.86	3/4	1,711.29	3/4	1,345.72	3/4	980.48	3/4	616.59	3/4	251.50	3/4					
3	2,434.81	3	2,069.25	3	1,703.68	3	1,338.11	3	972.90	3	608.98	3	243.90	3					
1/4	2,427.20	1/4	2,061.63	1/4	1,696.06	1/4	1,330.49	1/4	965.33	1/4	601.38	1/4	236.29	1/4					
1/2	2,419.58	1/2	2,054.02	1/2	1,688.45	1/2	1,322.88	1/2	957.75	1/2	593.77	1/2	228.69	1/2					
3/4	2,411.96	3/4	2,046.40	3/4	1,680.83	3/4	1,315.26	3/4	950.17	3/4	586.16	3/4	221.08	3/4					
4	2,404.35	4	2,038.78	4	1,673.21	4	1,307.65	4	942.60	4	578.56	4	213.47	4					
1/4	2,396.73	1/4	2,031.17	1/4	1,665.60	1/4	1,300.03	1/4	935.02	1/4	570.95	1/4	205.87	1/4					
1/2	2,389.12	1/2	2,023.55	1/2	1,657.98	1/2	1,292.42	1/2	927.45	1/2	563.35	1/2	198.26	1/2					
3/4	2,381.50	3/4	2,015.93	3/4	1,650.36	3/4	1,284.80	3/4	919.87	3/4	555.74	3/4	190.65	3/4					
5	2,373.89	5	2,008.32	5	1,642.75	5	1,277.18	5	912.29	5	548.14	5	183.05	5					
1/4	2,366.27	1/4	2,000.70	1/4	1,635.13	1/4	1,269.57	1/4	904.72	1/4	540.53	1/4	175.44	1/4					
1/2	2,358.66	1/2	1,993.09	1/2	1,627.52	1/2	1,261.95	1/2	897.14	1/2	532.93	1/2	167.84	1/2					
3/4	2,351.04	3/4	1,985.47	3/4	1,619.90	3/4	1,254.33	3/4	889.56	3/4	525.32	3/4	160.23	3/4					
6	2,343.42	6	1,977.85	6	1,612.29	6	1,246.72	6	881.99	6	517.71	6	152.62	6					
1/4	2,335.81	1/4	1,970.24	1/4	1,604.67	1/4	1,239.10	1/4	874.41	1/4	510.11	1/4	145.02	1/4					
1/2	2,328.19	1/2	1,962.62	1/2	1,597.06	1/2	1,231.49	1/2	866.84	1/2	502.50	1/2	137.41	1/2					
3/4	2,320.57	3/4	1,955.00	3/4	1,589.44	3/4	1,223.87	3/4	859.26	3/4	494.89	3/4	129.80	3/4					
7	2,312.96	7	1,947.39	7	1,581.82	7	1,216.25	7	851.69	7	487.29	7	122.20	7					
1/4	2,305.34	1/4	1,939.77	1/4	1,574.21	1/4	1,208.64	1/4	844.11	1/4	479.68	1/4	114.59	1/4					
1/2	2,297.73	1/2	1,932.16	1/2	1,566.59	1/2	1,201.02	1/2	836.54	1/2	472.08	1/2	106.99	1/2					
3/4	2,290.11	3/4	1,924.54	3/4	1,558.97	3/4	1,193.40	3/4	828.96	3/4	464.47	3/4	99.38	3/4					
8	2,282.49	8	1,916.93	8	1,551.36	8	1,185.79	8	821.38	8	456.86	8	91.78	8					
1/4	2,274.88	1/4	1,909.31	1/4	1,543.74	1/4	1,178.17	1/4	813.81	1/4	449.26	1/4	84.17	1/4					
1/2	2,267.26	1/2	1,901.70	1/2	1,536.13	1/2	1,170.56	1/2	806.23	1/2	441.65	1/2	76.57	1/2					
3/4	2,259.64	3/4	1,894.08	3/4	1,528.51	3/4	1,162.94	3/4	798.65	3/4	434.04	3/4	68.96	3/4					
9	2,252.03	9	1,886.46	9	1,520.89	9	1,155.33	9	791.08	9	426.44	9	61.63	9					
1/4	2,244.41	1/4	1,878.85	1/4	1,513.28	1/4	1,147.71	1/4	783.50	1/4	418.83	1/4	54.29	1/4					
1/2	2,236.80	1/2	1,871.23	1/2	1,505.66	1/2	1,140.10	1/2	775.93	1/2	411.23	1/2	46.96	1/2					
3/4	2,229.18	3/4	1,863.61	3/4	1,498.04	3/4	1,132.48	3/4	768.35	3/4	403.62	3/4	39.62	3/4					
10	2,221.57	10	1,856.00	10	1,490.43	10	1,124.86	10	760.77	10	396.02	10	34.19	10					
1/4	2,213.95	1/4	1,848.38	1/4	1,482.81	1/4	1,117.25	1/4	753.20	1/4	388.41	1/4	28.76	1/4					
1/2	2,206.34	1/2	1,840.77	1/2	1,475.20	1/2	1,109.63	1/2	745.62	1/2	380.81	1/2	23.33	1/2					
3/4	2,198.72	3/4	1,833.15	3/4	1,467.58	3/4	1,102.01	3/4	738.04	3/4	373.20	3/4	17.90	3/4					
11	2,191.10	11	1,825.53	11	1,459.97	11	1,094.40	11	730.47	11	365.59	11		11					
1/4	2,183.49	1/4	1,817.92	1/4	1,452.35	1/4	1,086.78	1/4	722.89	1/4	357.99	1/4		1/4					
1/2	2,175.87	1/2	1,810.30	1/2	1,444.74	1/2	1,079.17	1/2	715.32	1/2	350.38	1/2		1/2					
3/4	2,168.25	3/4	1,802.68	3/4	1,437.12	3/4	1,071.55	3/4	707.74	3/4	342.77	3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/17/2003 INSP
RECALCULATED: 11/12/2018 SW
VERIFIED: 10/13/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023



BARGE "MMI 3036"

AFT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	450	0	900	0	1,350	0	1,800	0		0		0		0		0	
1/4	9	1/4	459	1/4	910	1/4	1,360	1/4	1,810	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	469	1/2	919	1/2	1,369	1/2	1,819	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	478	3/4	928	3/4	1,378	3/4	1,828	3/4		3/4		3/4		3/4		3/4	
1	38	1	488	1	938	1	1,388	1	1,838	1		1		1		1		1	
1/4	47	1/4	497	1/4	947	1/4	1,397	1/4	1,847	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	506	1/2	956	1/2	1,406	1/2	1,857	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	516	3/4	966	3/4	1,416	3/4	1,866	3/4		3/4		3/4		3/4		3/4	
2	75	2	525	2	975	2	1,425	2	1,875	2		2		2		2		2	
1/4	84	1/4	534	1/4	985	1/4	1,435	1/4	1,885	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	544	1/2	994	1/2	1,444	1/2	1,894	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	553	3/4	1,003	3/4	1,453	3/4	1,903	3/4		3/4		3/4		3/4		3/4	
3	113	3	563	3	1,013	3	1,463	3	1,913	3		3		3		3		3	
1/4	122	1/4	572	1/4	1,022	1/4	1,472	1/4	1,922	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	581	1/2	1,031	1/2	1,482	1/2	1,932	1/2		1/2		1/2		1/2		1/2	
3/4	141	3/4	591	3/4	1,041	3/4	1,491	3/4	1,941	3/4		3/4		3/4		3/4		3/4	
4	150	4	600	4	1,050	4	1,500	4	1,950	4		4		4		4		4	
1/4	159	1/4	609	1/4	1,060	1/4	1,510	1/4	1,960	1/4		1/4		1/4		1/4		1/4	
1/2	169	1/2	619	1/2	1,069	1/2	1,519	1/2	1,969	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	628	3/4	1,078	3/4	1,528	3/4	1,978	3/4		3/4		3/4		3/4		3/4	
5	188	5	638	5	1,088	5	1,538	5	1,988	5		5		5		5		5	
1/4	197	1/4	647	1/4	1,097	1/4	1,547	1/4	1,997	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	656	1/2	1,106	1/2	1,557	1/2	2,007	1/2		1/2		1/2		1/2		1/2	
3/4	216	3/4	666	3/4	1,116	3/4	1,566	3/4	2,016	3/4		3/4		3/4		3/4		3/4	
6	225	6	675	6	1,125	6	1,575	6	2,025	6		6		6		6		6	
1/4	234	1/4	684	1/4	1,135	1/4	1,585	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	244	1/2	694	1/2	1,144	1/2	1,594	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	703	3/4	1,153	3/4	1,603	3/4		3/4		3/4		3/4		3/4		3/4	
7	263	7	713	7	1,163	7	1,613	7		7		7		7		7		7	
1/4	272	1/4	722	1/4	1,172	1/4	1,622	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	731	1/2	1,181	1/2	1,632	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	291	3/4	741	3/4	1,191	3/4	1,641	3/4		3/4		3/4		3/4		3/4		3/4	
8	300	8	750	8	1,200	8	1,650	8		8		8		8		8		8	
1/4	309	1/4	760	1/4	1,210	1/4	1,660	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	319	1/2	769	1/2	1,219	1/2	1,669	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	328	3/4	778	3/4	1,228	3/4	1,678	3/4		3/4		3/4		3/4		3/4		3/4	
9	338	9	788	9	1,238	9	1,688	9		9		9		9		9		9	
1/4	347	1/4	797	1/4	1,247	1/4	1,697	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	356	1/2	806	1/2	1,256	1/2	1,707	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	366	3/4	816	3/4	1,266	3/4	1,716	3/4		3/4		3/4		3/4		3/4		3/4	
10	375	10	825	10	1,275	10	1,725	10		10		10		10		10		10	
1/4	384	1/4	835	1/4	1,285	1/4	1,735	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	394	1/2	844	1/2	1,294	1/2	1,744	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	403	3/4	853	3/4	1,303	3/4	1,753	3/4		3/4		3/4		3/4		3/4		3/4	
11	413	11	863	11	1,313	11	1,763	11		11		11		11		11		11	
1/4	422	1/4	872	1/4	1,322	1/4	1,772	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	431	1/2	881	1/2	1,331	1/2	1,782	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	441	3/4	891	3/4	1,341	3/4	1,791	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

STRAPPED: 10/13/2023 JS
CALCULATED: 10/13/2023 CL
PRINTED: 10/16/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "MMI 3036"

FWD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	450	0	900	0	1,350	0	1,800	0		0							
1/4	9	1/4	459	1/4	910	1/4	1,360	1/4	1,810	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	469	1/2	919	1/2	1,369	1/2	1,819	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	478	3/4	928	3/4	1,378	3/4	1,828	3/4		3/4		3/4		3/4		3/4	
1	38	1	488	1	938	1	1,388	1	1,838	1		1		1		1		1	
1/4	47	1/4	497	1/4	947	1/4	1,397	1/4	1,847	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	506	1/2	956	1/2	1,406	1/2	1,857	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	516	3/4	966	3/4	1,416	3/4	1,866	3/4		3/4		3/4		3/4		3/4	
2	75	2	525	2	975	2	1,425	2	1,875	2		2		2		2		2	
1/4	84	1/4	534	1/4	985	1/4	1,435	1/4	1,885	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	544	1/2	994	1/2	1,444	1/2	1,894	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	553	3/4	1,003	3/4	1,453	3/4	1,903	3/4		3/4		3/4		3/4		3/4	
3	113	3	563	3	1,013	3	1,463	3	1,913	3		3		3		3		3	
1/4	122	1/4	572	1/4	1,022	1/4	1,472	1/4	1,922	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	581	1/2	1,031	1/2	1,482	1/2	1,932	1/2		1/2		1/2		1/2		1/2	
3/4	141	3/4	591	3/4	1,041	3/4	1,491	3/4	1,941	3/4		3/4		3/4		3/4		3/4	
4	150	4	600	4	1,050	4	1,500	4	1,950	4		4		4		4		4	
1/4	159	1/4	609	1/4	1,060	1/4	1,510	1/4	1,960	1/4		1/4		1/4		1/4		1/4	
1/2	169	1/2	619	1/2	1,069	1/2	1,519	1/2	1,969	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	628	3/4	1,078	3/4	1,528	3/4	1,978	3/4		3/4		3/4		3/4		3/4	
5	188	5	638	5	1,088	5	1,538	5	1,988	5		5		5		5		5	
1/4	197	1/4	647	1/4	1,097	1/4	1,547	1/4	1,997	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	656	1/2	1,106	1/2	1,557	1/2	2,007	1/2		1/2		1/2		1/2		1/2	
3/4	216	3/4	666	3/4	1,116	3/4	1,566	3/4	2,016	3/4		3/4		3/4		3/4		3/4	
6	225	6	675	6	1,125	6	1,575	6	2,025	6		6		6		6		6	
1/4	234	1/4	684	1/4	1,135	1/4	1,585	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	244	1/2	694	1/2	1,144	1/2	1,594	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	703	3/4	1,153	3/4	1,603	3/4		3/4		3/4		3/4		3/4		3/4	
7	263	7	713	7	1,163	7	1,613	7		7		7		7		7		7	
1/4	272	1/4	722	1/4	1,172	1/4	1,622	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	731	1/2	1,181	1/2	1,632	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	291	3/4	741	3/4	1,191	3/4	1,641	3/4		3/4		3/4		3/4		3/4		3/4	
8	300	8	750	8	1,200	8	1,650	8		8		8		8		8		8	
1/4	309	1/4	760	1/4	1,210	1/4	1,660	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	319	1/2	769	1/2	1,219	1/2	1,669	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	328	3/4	778	3/4	1,228	3/4	1,678	3/4		3/4		3/4		3/4		3/4		3/4	
9	338	9	788	9	1,238	9	1,688	9		9		9		9		9		9	
1/4	347	1/4	797	1/4	1,247	1/4	1,697	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	356	1/2	806	1/2	1,256	1/2	1,707	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	366	3/4	816	3/4	1,266	3/4	1,716	3/4		3/4		3/4		3/4		3/4		3/4	
10	375	10	825	10	1,275	10	1,725	10		10		10		10		10		10	
1/4	384	1/4	835	1/4	1,285	1/4	1,735	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	394	1/2	844	1/2	1,294	1/2	1,744	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	403	3/4	853	3/4	1,303	3/4	1,753	3/4		3/4		3/4		3/4		3/4		3/4	
11	413	11	863	11	1,313	11	1,763	11		11		11		11		11		11	
1/4	422	1/4	872	1/4	1,322	1/4	1,772	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	431	1/2	881	1/2	1,331	1/2	1,782	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	441	3/4	891	3/4	1,341	3/4	1,791	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

STRAPPED: 10/13/2023 JS
 CALCULATED: 10/13/2023 CL
 PRINTED: 10/16/2023 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 10/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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