



# BARGE "MMI 3043"

## 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	00-5/8	- 00-5/8	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	00-5/8	- 00-5/8	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"

January 10, 2024

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "MMI 3043"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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	5,092.67	0	4,725.80	0	4,358.79	0	3,991.78	0	3,624.77	0	3,257.77	0	2,890.76
1/4		1/4		1/4		1/4	5,085.16	1/4	4,718.15	1/4	4,351.15	1/4	3,984.14	1/4	3,617.13	1/4	3,250.12	1/4	2,883.11
1/2		1/2		1/2		1/2	5,077.52	1/2	4,710.50	1/2	4,343.50	1/2	3,976.49	1/2	3,609.48	1/2	3,242.47	1/2	2,875.46
3/4		3/4		3/4		3/4	5,069.87	3/4	4,702.86	3/4	4,335.85	3/4	3,968.84	3/4	3,601.84	3/4	3,234.83	3/4	2,867.82
1		1		1		1	5,062.23	1	4,695.21	1	4,328.21	1	3,961.20	1	3,594.19	1	3,227.18	1	2,860.17
1/4		1/4		1/4		1/4	5,054.58	1/4	4,687.57	1/4	4,320.56	1/4	3,953.55	1/4	3,586.55	1/4	3,219.54	1/4	2,852.53
1/2		1/2		1/2		1/2	5,046.93	1/2	4,679.92	1/2	4,312.91	1/2	3,945.90	1/2	3,578.90	1/2	3,211.89	1/2	2,844.88
3/4		3/4		3/4		3/4	5,039.29	3/4	4,672.28	3/4	4,305.27	3/4	3,938.26	3/4	3,571.25	3/4	3,204.24	3/4	2,837.24
2		2		2		2	5,031.64	2	4,664.63	2	4,297.62	2	3,930.61	2	3,563.61	2	3,196.60	2	2,829.59
1/4		1/4		1/4		1/4	5,023.99	1/4	4,656.99	1/4	4,289.98	1/4	3,922.97	1/4	3,555.96	1/4	3,188.95	1/4	2,821.95
1/2		1/2		1/2		1/2	5,016.35	1/2	4,649.34	1/2	4,282.33	1/2	3,915.32	1/2	3,548.31	1/2	3,181.30	1/2	2,814.30
3/4		3/4		3/4		3/4	5,008.70	3/4	4,641.69	3/4	4,274.68	3/4	3,907.68	3/4	3,540.67	3/4	3,173.66	3/4	2,806.65
3		3		3		3	5,001.06	3	4,634.05	3	4,267.04	3	3,900.03	3	3,533.02	3	3,166.01	3	2,799.01
1/4		1/4		1/4		1/4	4,993.41	1/4	4,626.40	1/4	4,259.39	1/4	3,892.39	1/4	3,525.38	1/4	3,158.37	1/4	2,791.36
1/2		1/2		1/2		1/2	4,985.77	1/2	4,618.75	1/2	4,251.74	1/2	3,884.74	1/2	3,517.73	1/2	3,150.72	1/2	2,783.71
3/4		3/4		3/4		3/4	4,978.12	3/4	4,611.11	3/4	4,244.10	3/4	3,877.09	3/4	3,510.08	3/4	3,143.08	3/4	2,776.07
4		4		4		4	4,970.48	4	4,603.46	4	4,236.45	4	3,869.45	4	3,502.44	4	3,135.43	4	2,768.42
1/4		1/4		1/4		1/4	4,962.83	1/4	4,595.82	1/4	4,228.81	1/4	3,861.80	1/4	3,494.79	1/4	3,127.79	1/4	2,760.78
1/2		1/2		1/2		1/2	4,955.18	1/2	4,588.17	1/2	4,221.16	1/2	3,854.15	1/2	3,487.14	1/2	3,120.14	1/2	2,753.13
3/4		3/4		3/4		3/4	5,211.42	3/4	4,947.54	3/4	4,580.52	3/4	4,213.52	3/4	3,846.51	3/4	3,479.50	3/4	3,112.49
5		5		5		5	5,211.00	5	4,939.89	5	4,572.88	5	4,205.87	5	3,838.86	5	3,471.85	5	3,104.85
1/4		1/4		1/4		1/4	5,210.58	1/4	4,932.24	1/4	4,565.23	1/4	4,198.23	1/4	3,831.22	1/4	3,464.21	1/4	3,097.20
1/2		1/2		1/2		1/2	5,209.42	1/2	4,924.60	1/2	4,557.58	1/2	4,190.58	1/2	3,823.57	1/2	3,456.56	1/2	3,089.55
3/4		3/4		3/4		3/4	5,208.25	3/4	4,916.95	3/4	4,549.94	3/4	4,182.93	3/4	3,815.92	3/4	3,448.92	3/4	3,081.91
6		6		6		6	5,207.09	6	4,909.30	6	4,542.29	6	4,175.29	6	3,808.28	6	3,441.27	6	3,074.26
1/4		1/4		1/4		1/4	5,205.92	1/4	4,901.66	1/4	4,534.65	1/4	4,167.64	1/4	3,800.63	1/4	3,433.63	1/4	3,066.62
1/2		1/2		1/2		1/2	5,203.65	1/2	4,894.01	1/2	4,527.00	1/2	4,159.99	1/2	3,792.98	1/2	3,425.98	1/2	3,058.97
3/4		3/4		3/4		3/4	5,201.38	3/4	4,886.36	3/4	4,519.36	3/4	4,152.35	3/4	3,785.34	3/4	3,418.33	3/4	3,051.32
7		7		7		7	5,199.11	7	4,878.72	7	4,511.71	7	4,144.70	7	3,777.69	7	3,410.69	7	3,043.68
1/4		1/4		1/4		1/4	5,196.84	1/4	4,871.07	1/4	4,504.07	1/4	4,137.06	1/4	3,770.05	1/4	3,403.04	1/4	3,036.03
1/2		1/2		1/2		1/2	5,193.44	1/2	4,863.42	1/2	4,496.42	1/2	4,129.41	1/2	3,762.40	1/2	3,395.39	1/2	3,028.38
3/4		3/4		3/4		3/4	5,190.04	3/4	4,855.78	3/4	4,488.77	3/4	4,121.76	3/4	3,754.76	3/4	3,387.75	3/4	3,020.74
8		8		8		8	5,186.64	8	4,848.13	8	4,481.13	8	4,114.12	8	3,747.11	8	3,380.10	8	3,013.09
1/4		1/4		1/4		1/4	5,183.24	1/4	4,840.49	1/4	4,473.48	1/4	4,106.47	1/4	3,739.47	1/4	3,372.46	1/4	3,005.45
1/2		1/2		1/2		1/2	5,178.71	1/2	4,832.84	1/2	4,465.83	1/2	4,098.82	1/2	3,731.82	1/2	3,364.81	1/2	2,997.80
3/4		3/4		3/4		3/4	5,174.17	3/4	4,825.20	3/4	4,458.19	3/4	4,091.18	3/4	3,724.17	3/4	3,357.16	3/4	2,990.16
9		9		9		9	5,169.64	9	4,817.55	9	4,450.54	9	4,083.53	9	3,716.53	9	3,349.52	9	2,982.51
1/4		1/4		1/4		1/4	5,165.10	1/4	4,809.91	1/4	4,442.90	1/4	4,075.89	1/4	3,708.88	1/4	3,341.87	1/4	2,974.87
1/2		1/2		1/2		1/2	5,159.43	1/2	4,802.26	1/2	4,435.25	1/2	4,068.24	1/2	3,701.23	1/2	3,334.22	1/2	2,967.22
3/4		3/4		3/4		3/4	5,153.76	3/4	4,794.61	3/4	4,427.60	3/4	4,060.60	3/4	3,693.59	3/4	3,326.58	3/4	2,959.57
10		10		10		10	5,148.09	10	4,786.97	10	4,419.96	10	4,052.95	10	3,685.94	10	3,318.93	10	2,951.93
1/4		1/4		1/4		1/4	5,142.42	1/4	4,779.32	1/4	4,412.31	1/4	4,045.31	1/4	3,678.30	1/4	3,311.29	1/4	2,944.28
1/2		1/2		1/2		1/2	5,135.61	1/2	4,771.67	1/2	4,404.66	1/2	4,037.66	1/2	3,670.65	1/2	3,303.64	1/2	2,936.63
3/4		3/4		3/4		3/4	5,128.81	3/4	4,764.03	3/4	4,397.02	3/4	4,030.01	3/4	3,663.00	3/4	3,296.00	3/4	2,928.99
11		11		11		11	5,122.00	11	4,756.38	11	4,389.37	11	4,022.37	11	3,655.36	11	3,288.35	11	2,921.34
1/4		1/4		1/4		1/4	5,115.19	1/4	4,748.74	1/4	4,381.73	1/4	4,014.72	1/4	3,647.71	1/4	3,280.71	1/4	2,913.70
1/2		1/2		1/2		1/2	5,107.68	1/2	4,741.09	1/2	4,374.08	1/2	4,007.07	1/2	3,640.06	1/2	3,273.06	1/2	2,906.05
3/4		3/4		3/4		3/4	5,100.18	3/4	4,733.44	3/4	4,366.44	3/4	3,999.43	3/4	3,632.42	3/4	3,265.41	3/4	2,898.40

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" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "MMI 3043"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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	2,523.75	0	2,156.74	0	1,789.73	0	1,422.73	0	1,055.72	0	688.71	0	326.84	0		0		0	
1/4	2,516.11	1/4	2,149.10	1/4	1,782.09	1/4	1,415.08	1/4	1,048.07	1/4	681.07	1/4	319.59	1/4		1/4		1/4	
1/2	2,508.46	1/2	2,141.45	1/2	1,774.44	1/2	1,407.43	1/2	1,040.42	1/2	673.42	1/2	312.37	1/2		1/2		1/2	
3/4	2,500.81	3/4	2,133.80	3/4	1,766.80	3/4	1,399.79	3/4	1,032.78	3/4	665.77	3/4	305.15	3/4		3/4		3/4	
1	2,493.17	1	2,126.16	1	1,759.15	1	1,392.14	1	1,025.13	1	658.13	1	297.93	1		1		1	
1/4	2,485.52	1/4	2,118.51	1/4	1,751.51	1/4	1,384.50	1/4	1,017.49	1/4	650.48	1/4	290.71	1/4		1/4		1/4	
1/2	2,477.87	1/2	2,110.86	1/2	1,743.86	1/2	1,376.85	1/2	1,009.84	1/2	642.83	1/2	283.58	1/2		1/2		1/2	
3/4	2,470.23	3/4	2,103.22	3/4	1,736.21	3/4	1,369.20	3/4	1,002.20	3/4	635.19	3/4	276.46	3/4		3/4		3/4	
2	2,462.58	2	2,095.57	2	1,728.57	2	1,361.56	2	994.55	2	627.54	2	269.33	2		2		2	
1/4	2,454.94	1/4	2,087.93	1/4	1,720.92	1/4	1,353.91	1/4	986.91	1/4	619.90	1/4	262.21	1/4		1/4		1/4	
1/2	2,447.29	1/2	2,080.28	1/2	1,713.27	1/2	1,346.26	1/2	979.26	1/2	612.25	1/2	255.11	1/2		1/2		1/2	
3/4	2,439.64	3/4	2,072.64	3/4	1,705.63	3/4	1,338.62	3/4	971.61	3/4	604.60	3/4	248.02	3/4		3/4		3/4	
3	2,432.00	3	2,064.99	3	1,697.98	3	1,330.97	3	963.97	3	596.96	3	240.92	3		3		3	
1/4	2,424.35	1/4	2,057.35	1/4	1,690.34	1/4	1,323.33	1/4	956.32	1/4	589.31	1/4	233.83	1/4		1/4		1/4	
1/2	2,416.70	1/2	2,049.70	1/2	1,682.69	1/2	1,315.68	1/2	948.67	1/2	581.66	1/2	226.83	1/2		1/2		1/2	
3/4	2,409.06	3/4	2,042.05	3/4	1,675.04	3/4	1,308.04	3/4	941.03	3/4	574.02	3/4	219.83	3/4		3/4		3/4	
4	2,401.41	4	2,034.41	4	1,667.40	4	1,300.39	4	933.38	4	566.37	4	212.84	4		4		4	
1/4	2,393.77	1/4	2,026.76	1/4	1,659.75	1/4	1,292.75	1/4	925.74	1/4	558.73	1/4	205.84	1/4		1/4		1/4	
1/2	2,386.12	1/2	2,019.11	1/2	1,652.10	1/2	1,285.10	1/2	918.09	1/2	551.08	1/2	198.87	1/2		1/2		1/2	
3/4	2,378.48	3/4	2,011.47	3/4	1,644.46	3/4	1,277.45	3/4	910.44	3/4	543.44	3/4	191.90	3/4		3/4		3/4	
5	2,370.83	5	2,003.82	5	1,636.81	5	1,269.81	5	902.80	5	535.79	5	184.93	5		5		5	
1/4	2,363.19	1/4	1,996.18	1/4	1,629.17	1/4	1,262.16	1/4	895.15	1/4	528.15	1/4	177.96	1/4		1/4		1/4	
1/2	2,355.54	1/2	1,988.53	1/2	1,621.52	1/2	1,254.51	1/2	887.50	1/2	520.54	1/2	171.08	1/2		1/2		1/2	
3/4	2,347.89	3/4	1,980.88	3/4	1,613.88	3/4	1,246.87	3/4	879.86	3/4	512.93	3/4	164.21	3/4		3/4		3/4	
6	2,340.25	6	1,973.24	6	1,606.23	6	1,239.22	6	872.21	6	505.33	6	157.33	6		6		6	
1/4	2,332.60	1/4	1,965.59	1/4	1,598.59	1/4	1,231.58	1/4	864.57	1/4	497.72	1/4	150.46	1/4		1/4		1/4	
1/2	2,324.95	1/2	1,957.94	1/2	1,590.94	1/2	1,223.93	1/2	856.92	1/2	490.12	1/2	143.62	1/2		1/2		1/2	
3/4	2,317.31	3/4	1,950.30	3/4	1,583.29	3/4	1,216.28	3/4	849.28	3/4	482.53	3/4	136.77	3/4		3/4		3/4	
7	2,309.66	7	1,942.65	7	1,575.65	7	1,208.64	7	841.63	7	474.93	7	129.93	7		7		7	
1/4	2,302.02	1/4	1,935.01	1/4	1,568.00	1/4	1,200.99	1/4	833.99	1/4	467.34	1/4	123.09	1/4		1/4		1/4	
1/2	2,294.37	1/2	1,927.36	1/2	1,560.35	1/2	1,193.34	1/2	826.34	1/2	459.84	1/2	116.34	1/2		1/2		1/2	
3/4	2,286.72	3/4	1,919.72	3/4	1,552.71	3/4	1,185.70	3/4	818.69	3/4	452.34	3/4	109.58	3/4		3/4		3/4	
8	2,279.08	8	1,912.07	8	1,545.06	8	1,178.05	8	811.05	8	444.84	8	102.83	8		8		8	
1/4	2,271.43	1/4	1,904.43	1/4	1,537.42	1/4	1,170.41	1/4	803.40	1/4	437.34	1/4	96.08	1/4		1/4		1/4	
1/2	2,263.78	1/2	1,896.78	1/2	1,529.77	1/2	1,162.76	1/2	795.75	1/2	429.87	1/2	89.36	1/2		1/2		1/2	
3/4	2,256.14	3/4	1,889.13	3/4	1,522.12	3/4	1,155.12	3/4	788.11	3/4	422.40	3/4	82.64	3/4		3/4		3/4	
9	2,248.49	9	1,881.49	9	1,514.48	9	1,147.47	9	780.46	9	414.94	9	75.92	9		9		9	
1/4	2,240.85	1/4	1,873.84	1/4	1,506.83	1/4	1,139.83	1/4	772.82	1/4	407.47	1/4	69.20	1/4		1/4		1/4	
1/2	2,233.20	1/2	1,866.19	1/2	1,499.18	1/2	1,132.18	1/2	765.17	1/2	400.09	1/2	62.68	1/2		1/2		1/2	
3/4	2,225.56	3/4	1,858.55	3/4	1,491.54	3/4	1,124.53	3/4	757.52	3/4	392.72	3/4	56.16	3/4		3/4		3/4	
10	2,217.91	10	1,850.90	10	1,483.89	10	1,116.89	10	749.88	10	385.34	10	49.65	10		10		10	
1/4	2,210.27	1/4	1,843.26	1/4	1,476.25	1/4	1,109.24	1/4	742.23	1/4	377.97	1/4	43.13	1/4		1/4		1/4	
1/2	2,202.62	1/2	1,835.61	1/2	1,468.60	1/2	1,101.59	1/2	734.58	1/2	370.63	1/2	37.94	1/2		1/2		1/2	
3/4	2,194.97	3/4	1,827.96	3/4	1,460.96	3/4	1,093.95	3/4	726.94	3/4	363.28	3/4	32.75	3/4		3/4		3/4	
11	2,187.33	11	1,820.32	11	1,453.31	11	1,086.30	11	719.29	11	355.94	11	27.56	11		11		11	
1/4	2,179.68	1/4	1,812.67	1/4	1,445.67	1/4	1,078.66	1/4	711.65	1/4	348.60	1/4		1/4		1/4		1/4	
1/2	2,172.03	1/2	1,805.02	1/2	1,438.02	1/2	1,071.01	1/2	704.00	1/2	341.35	1/2		1/2		1/2		1/2	
3/4	2,164.39	3/4	1,797.38	3/4	1,430.37	3/4	1,063.36	3/4	696.36	3/4	334.09	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/2004 INSP.  
RECALCULATED: 12/26/2018  
VERIFIED: 01/10/2024 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024



# BARGE "MMI 3043"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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	5,100.18	0	4,733.44	0	4,366.44	0	3,999.43	0	3,632.42	0	3,265.41	0	2,898.40
1/4		1/4		1/4		1/4	5,092.67	1/4	4,725.80	1/4	4,358.79	1/4	3,991.78	1/4	3,624.77	1/4	3,257.77	1/4	2,890.76
1/2		1/2		1/2		1/2	5,085.16	1/2	4,718.15	1/2	4,351.15	1/2	3,984.14	1/2	3,617.13	1/2	3,250.12	1/2	2,883.11
3/4		3/4		3/4		3/4	5,077.52	3/4	4,710.50	3/4	4,343.50	3/4	3,976.49	3/4	3,609.48	3/4	3,242.47	3/4	2,875.46
1		1		1		1	5,069.87	1	4,702.86	1	4,335.85	1	3,968.84	1	3,601.84	1	3,234.83	1	2,867.82
1/4		1/4		1/4		1/4	5,062.23	1/4	4,695.21	1/4	4,328.21	1/4	3,961.20	1/4	3,594.19	1/4	3,227.18	1/4	2,860.17
1/2		1/2		1/2		1/2	5,054.58	1/2	4,687.57	1/2	4,320.56	1/2	3,953.55	1/2	3,586.55	1/2	3,219.54	1/2	2,852.53
3/4		3/4		3/4		3/4	5,046.93	3/4	4,679.92	3/4	4,312.91	3/4	3,945.90	3/4	3,578.90	3/4	3,211.89	3/4	2,844.88
2		2		2		2	5,039.29	2	4,672.28	2	4,305.27	2	3,938.26	2	3,571.25	2	3,204.24	2	2,837.24
1/4		1/4		1/4		1/4	5,031.64	1/4	4,664.63	1/4	4,297.62	1/4	3,930.61	1/4	3,563.61	1/4	3,196.60	1/4	2,829.59
1/2		1/2		1/2		1/2	5,023.99	1/2	4,656.99	1/2	4,289.98	1/2	3,922.97	1/2	3,555.96	1/2	3,188.95	1/2	2,821.95
3/4		3/4		3/4		3/4	5,016.35	3/4	4,649.34	3/4	4,282.33	3/4	3,915.32	3/4	3,548.31	3/4	3,181.30	3/4	2,814.30
3		3		3		3	5,008.70	3	4,641.69	3	4,274.68	3	3,907.68	3	3,540.67	3	3,173.66	3	2,806.65
1/4		1/4		1/4		1/4	5,001.06	1/4	4,634.05	1/4	4,267.04	1/4	3,900.03	1/4	3,533.02	1/4	3,166.01	1/4	2,799.01
1/2		1/2		1/2		1/2	4,993.41	1/2	4,626.40	1/2	4,259.39	1/2	3,892.39	1/2	3,525.38	1/2	3,158.37	1/2	2,791.36
3/4		3/4		3/4		3/4	4,985.77	3/4	4,618.75	3/4	4,251.74	3/4	3,884.74	3/4	3,517.73	3/4	3,150.72	3/4	2,783.71
4		4		4		4	4,978.12	4	4,611.11	4	4,244.10	4	3,877.09	4	3,510.08	4	3,143.08	4	2,776.07
1/4		1/4		1/4		1/4	4,970.48	1/4	4,603.46	1/4	4,236.45	1/4	3,869.45	1/4	3,502.44	1/4	3,135.43	1/4	2,768.42
1/2		1/2		1/2		1/2	4,962.83	1/2	4,595.82	1/2	4,228.81	1/2	3,861.80	1/2	3,494.79	1/2	3,127.79	1/2	2,760.78
3/4		3/4		3/4		3/4	4,955.18	3/4	4,588.17	3/4	4,221.16	3/4	3,854.15	3/4	3,487.14	3/4	3,120.14	3/4	2,753.13
5		5		5	5,211.42	5	4,947.54	5	4,580.52	5	4,213.52	5	3,846.51	5	3,479.50	5	3,112.49	5	2,745.48
1/4		1/4		1/4	5,211.00	1/4	4,939.89	1/4	4,572.88	1/4	4,205.87	1/4	3,838.86	1/4	3,471.85	1/4	3,104.85	1/4	2,737.84
1/2		1/2		1/2	5,210.58	1/2	4,932.24	1/2	4,565.23	1/2	4,198.23	1/2	3,831.22	1/2	3,464.21	1/2	3,097.20	1/2	2,730.19
3/4		3/4		3/4	5,209.42	3/4	4,924.60	3/4	4,557.58	3/4	4,190.58	3/4	3,823.57	3/4	3,456.56	3/4	3,089.55	3/4	2,722.54
6		6		6	5,208.25	6	4,916.95	6	4,549.94	6	4,182.93	6	3,815.92	6	3,448.92	6	3,081.91	6	2,714.90
1/4		1/4		1/4	5,207.09	1/4	4,909.30	1/4	4,542.29	1/4	4,175.29	1/4	3,808.28	1/4	3,441.27	1/4	3,074.26	1/4	2,707.25
1/2		1/2		1/2	5,205.92	1/2	4,901.66	1/2	4,534.65	1/2	4,167.64	1/2	3,800.63	1/2	3,433.63	1/2	3,066.62	1/2	2,699.61
3/4		3/4		3/4	5,203.65	3/4	4,894.01	3/4	4,527.00	3/4	4,159.99	3/4	3,792.98	3/4	3,425.98	3/4	3,058.97	3/4	2,691.96
7		7		7	5,201.38	7	4,886.36	7	4,519.36	7	4,152.35	7	3,785.34	7	3,418.33	7	3,051.32	7	2,684.32
1/4		1/4		1/4	5,199.11	1/4	4,878.72	1/4	4,511.71	1/4	4,144.70	1/4	3,777.69	1/4	3,410.69	1/4	3,043.68	1/4	2,676.67
1/2		1/2		1/2	5,196.84	1/2	4,871.07	1/2	4,504.07	1/2	4,137.06	1/2	3,770.05	1/2	3,403.04	1/2	3,036.03	1/2	2,669.03
3/4		3/4		3/4	5,193.44	3/4	4,863.42	3/4	4,496.42	3/4	4,129.41	3/4	3,762.40	3/4	3,395.39	3/4	3,028.38	3/4	2,661.38
8		8		8	5,190.04	8	4,855.78	8	4,488.77	8	4,121.76	8	3,754.76	8	3,387.75	8	3,020.74	8	2,653.73
1/4		1/4		1/4	5,186.64	1/4	4,848.13	1/4	4,481.13	1/4	4,114.12	1/4	3,747.11	1/4	3,380.10	1/4	3,013.09	1/4	2,646.09
1/2		1/2		1/2	5,183.24	1/2	4,840.49	1/2	4,473.48	1/2	4,106.47	1/2	3,739.47	1/2	3,372.46	1/2	3,005.45	1/2	2,638.44
3/4		3/4		3/4	5,178.71	3/4	4,832.84	3/4	4,465.83	3/4	4,098.82	3/4	3,731.82	3/4	3,364.81	3/4	2,997.80	3/4	2,630.79
9		9		9	5,174.17	9	4,825.20	9	4,458.19	9	4,091.18	9	3,724.17	9	3,357.16	9	2,990.16	9	2,623.15
1/4		1/4		1/4	5,169.64	1/4	4,817.55	1/4	4,450.54	1/4	4,083.53	1/4	3,716.53	1/4	3,349.52	1/4	2,982.51	1/4	2,615.50
1/2		1/2		1/2	5,165.10	1/2	4,809.91	1/2	4,442.90	1/2	4,075.89	1/2	3,708.88	1/2	3,341.87	1/2	2,974.87	1/2	2,607.86
3/4		3/4		3/4	5,159.43	3/4	4,802.26	3/4	4,435.25	3/4	4,068.24	3/4	3,701.23	3/4	3,334.22	3/4	2,967.22	3/4	2,600.21
10		10		10	5,153.76	10	4,794.61	10	4,427.60	10	4,060.60	10	3,693.59	10	3,326.58	10	2,959.57	10	2,592.56
1/4		1/4		1/4	5,148.09	1/4	4,786.97	1/4	4,419.96	1/4	4,052.95	1/4	3,685.94	1/4	3,318.93	1/4	2,951.93	1/4	2,584.92
1/2		1/2		1/2	5,142.42	1/2	4,779.32	1/2	4,412.31	1/2	4,045.31	1/2	3,678.30	1/2	3,311.29	1/2	2,944.28	1/2	2,577.27
3/4		3/4		3/4	5,135.61	3/4	4,771.67	3/4	4,404.66	3/4	4,037.66	3/4	3,670.65	3/4	3,303.64	3/4	2,936.63	3/4	2,569.62
11		11		11	5,128.81	11	4,764.03	11	4,397.02	11	4,030.01	11	3,663.00	11	3,296.00	11	2,928.99	11	2,561.98
1/4		1/4		1/4	5,122.00	1/4	4,756.38	1/4	4,389.37	1/4	4,022.37	1/4	3,655.36	1/4	3,288.35	1/4	2,921.34	1/4	2,554.33
1/2		1/2		1/2	5,115.19	1/2	4,748.74	1/2	4,381.73	1/2	4,014.72	1/2	3,647.71	1/2	3,280.71	1/2	2,913.70	1/2	2,546.69
3/4		3/4		3/4	5,107.68	3/4	4,741.09	3/4	4,374.08	3/4	4,007.07	3/4	3,640.06	3/4	3,273.06	3/4	2,906.05	3/4	2,539.04

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" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "MMI 3043"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,531.40	0	2,164.39	0	1,797.38	0	1,430.37	0	1,063.36	0	696.36	0	334.09	0		0		0	
1/4	2,523.75	1/4	2,156.74	1/4	1,789.73	1/4	1,422.73	1/4	1,055.72	1/4	688.71	1/4	326.84	1/4	1/4	1/4		1/4	
1/2	2,516.11	1/2	2,149.10	1/2	1,782.09	1/2	1,415.08	1/2	1,048.07	1/2	681.07	1/2	319.59	1/2	1/2	1/2		1/2	
3/4	2,508.46	3/4	2,141.45	3/4	1,774.44	3/4	1,407.43	3/4	1,040.42	3/4	673.42	3/4	312.37	3/4	3/4	3/4		3/4	
1	2,500.81	1	2,133.80	1	1,766.80	1	1,399.79	1	1,032.78	1	665.77	1	305.15	1		1		1	
1/4	2,493.17	1/4	2,126.16	1/4	1,759.15	1/4	1,392.14	1/4	1,025.13	1/4	658.13	1/4	297.93	1/4	1/4	1/4		1/4	
1/2	2,485.52	1/2	2,118.51	1/2	1,751.51	1/2	1,384.50	1/2	1,017.49	1/2	650.48	1/2	290.71	1/2	1/2	1/2		1/2	
3/4	2,477.87	3/4	2,110.86	3/4	1,743.86	3/4	1,376.85	3/4	1,009.84	3/4	642.83	3/4	283.58	3/4	3/4	3/4		3/4	
2	2,470.23	2	2,103.22	2	1,736.21	2	1,369.20	2	1,002.20	2	635.19	2	276.46	2		2		2	
1/4	2,462.58	1/4	2,095.57	1/4	1,728.57	1/4	1,361.56	1/4	994.55	1/4	627.54	1/4	269.33	1/4	1/4	1/4		1/4	
1/2	2,454.94	1/2	2,087.93	1/2	1,720.92	1/2	1,353.91	1/2	986.91	1/2	619.90	1/2	262.21	1/2	1/2	1/2		1/2	
3/4	2,447.29	3/4	2,080.28	3/4	1,713.27	3/4	1,346.26	3/4	979.26	3/4	612.25	3/4	255.11	3/4	3/4	3/4		3/4	
3	2,439.64	3	2,072.64	3	1,705.63	3	1,338.62	3	971.61	3	604.60	3	248.02	3		3		3	
1/4	2,432.00	1/4	2,064.99	1/4	1,697.98	1/4	1,330.97	1/4	963.97	1/4	596.96	1/4	240.92	1/4	1/4	1/4		1/4	
1/2	2,424.35	1/2	2,057.35	1/2	1,690.34	1/2	1,323.33	1/2	956.32	1/2	589.31	1/2	233.83	1/2	1/2	1/2		1/2	
3/4	2,416.70	3/4	2,049.70	3/4	1,682.69	3/4	1,315.68	3/4	948.67	3/4	581.66	3/4	226.83	3/4	3/4	3/4		3/4	
4	2,409.06	4	2,042.05	4	1,675.04	4	1,308.04	4	941.03	4	574.02	4	219.83	4		4		4	
1/4	2,401.41	1/4	2,034.41	1/4	1,667.40	1/4	1,300.39	1/4	933.38	1/4	566.37	1/4	212.84	1/4	1/4	1/4		1/4	
1/2	2,393.77	1/2	2,026.76	1/2	1,659.75	1/2	1,292.75	1/2	925.74	1/2	558.73	1/2	205.84	1/2	1/2	1/2		1/2	
3/4	2,386.12	3/4	2,019.11	3/4	1,652.10	3/4	1,285.10	3/4	918.09	3/4	551.08	3/4	198.87	3/4	3/4	3/4		3/4	
5	2,378.48	5	2,011.47	5	1,644.46	5	1,277.45	5	910.44	5	543.44	5	191.90	5		5		5	
1/4	2,370.83	1/4	2,003.82	1/4	1,636.81	1/4	1,269.81	1/4	902.80	1/4	535.79	1/4	184.93	1/4	1/4	1/4		1/4	
1/2	2,363.19	1/2	1,996.18	1/2	1,629.17	1/2	1,262.16	1/2	895.15	1/2	528.15	1/2	177.96	1/2	1/2	1/2		1/2	
3/4	2,355.54	3/4	1,988.53	3/4	1,621.52	3/4	1,254.51	3/4	887.50	3/4	520.54	3/4	171.08	3/4	3/4	3/4		3/4	
6	2,347.89	6	1,980.88	6	1,613.88	6	1,246.87	6	879.86	6	512.93	6	164.21	6		6		6	
1/4	2,340.25	1/4	1,973.24	1/4	1,606.23	1/4	1,239.22	1/4	872.21	1/4	505.33	1/4	157.33	1/4	1/4	1/4		1/4	
1/2	2,332.60	1/2	1,965.59	1/2	1,598.59	1/2	1,231.58	1/2	864.57	1/2	497.72	1/2	150.46	1/2	1/2	1/2		1/2	
3/4	2,324.95	3/4	1,957.94	3/4	1,590.94	3/4	1,223.93	3/4	856.92	3/4	490.12	3/4	143.62	3/4	3/4	3/4		3/4	
7	2,317.31	7	1,950.30	7	1,583.29	7	1,216.28	7	849.28	7	482.53	7	136.77	7		7		7	
1/4	2,309.66	1/4	1,942.65	1/4	1,575.65	1/4	1,208.64	1/4	841.63	1/4	474.93	1/4	129.93	1/4	1/4	1/4		1/4	
1/2	2,302.02	1/2	1,935.01	1/2	1,568.00	1/2	1,200.99	1/2	833.99	1/2	467.34	1/2	123.09	1/2	1/2	1/2		1/2	
3/4	2,294.37	3/4	1,927.36	3/4	1,560.35	3/4	1,193.34	3/4	826.34	3/4	459.84	3/4	116.34	3/4	3/4	3/4		3/4	
8	2,286.72	8	1,919.72	8	1,552.71	8	1,185.70	8	818.69	8	452.34	8	109.58	8		8		8	
1/4	2,279.08	1/4	1,912.07	1/4	1,545.06	1/4	1,178.05	1/4	811.05	1/4	444.84	1/4	102.83	1/4	1/4	1/4		1/4	
1/2	2,271.43	1/2	1,904.43	1/2	1,537.42	1/2	1,170.41	1/2	803.40	1/2	437.34	1/2	96.08	1/2	1/2	1/2		1/2	
3/4	2,263.78	3/4	1,896.78	3/4	1,529.77	3/4	1,162.76	3/4	795.75	3/4	429.87	3/4	89.36	3/4	3/4	3/4		3/4	
9	2,256.14	9	1,889.13	9	1,522.12	9	1,155.12	9	788.11	9	422.40	9	82.64	9		9		9	
1/4	2,248.49	1/4	1,881.49	1/4	1,514.48	1/4	1,147.47	1/4	780.46	1/4	414.94	1/4	75.92	1/4	1/4	1/4		1/4	
1/2	2,240.85	1/2	1,873.84	1/2	1,506.83	1/2	1,139.83	1/2	772.82	1/2	407.47	1/2	69.20	1/2	1/2	1/2		1/2	
3/4	2,233.20	3/4	1,866.19	3/4	1,499.18	3/4	1,132.18	3/4	765.17	3/4	400.09	3/4	62.68	3/4	3/4	3/4		3/4	
10	2,225.56	10	1,858.55	10	1,491.54	10	1,124.53	10	757.52	10	392.72	10	56.16	10		10		10	
1/4	2,217.91	1/4	1,850.90	1/4	1,483.89	1/4	1,116.89	1/4	749.88	1/4	385.34	1/4	49.65	1/4	1/4	1/4		1/4	
1/2	2,210.27	1/2	1,843.26	1/2	1,476.25	1/2	1,109.24	1/2	742.23	1/2	377.97	1/2	43.13	1/2	1/2	1/2		1/2	
3/4	2,202.62	3/4	1,835.61	3/4	1,468.60	3/4	1,101.59	3/4	734.58	3/4	370.63	3/4	37.94	3/4	3/4	3/4		3/4	
11	2,194.97	11	1,827.96	11	1,460.96	11	1,093.95	11	726.94	11	363.28	11	32.75	11		11		11	
1/4	2,187.33	1/4	1,820.32	1/4	1,453.31	1/4	1,086.30	1/4	719.29	1/4	355.94	1/4	27.56	1/4	1/4	1/4		1/4	
1/2	2,179.68	1/2	1,812.67	1/2	1,445.67	1/2	1,078.66	1/2	711.65	1/2	348.60	1/2		1/2	1/2	1/2		1/2	
3/4	2,172.03	3/4	1,805.02	3/4	1,438.02	3/4	1,071.01	3/4	704.00	3/4	341.35	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/2004 INSP.  
RECALCULATED: 12/26/2018  
VERIFIED: 01/10/2024 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024



# BARGE "MMI 3043"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,819.94	0	4,477.94	0	4,134.07	0	3,790.20	0	3,446.33	0	3,102.46	0	2,758.58
1/4		1/4		1/4		1/4	4,812.94	1/4	4,470.78	1/4	4,126.91	1/4	3,783.03	1/4	3,439.16	1/4	3,095.29	1/4	2,751.42
1/2		1/2		1/2		1/2	4,805.94	1/2	4,463.61	1/2	4,119.74	1/2	3,775.87	1/2	3,432.00	1/2	3,088.13	1/2	2,744.25
3/4		3/4		3/4		3/4	4,798.94	3/4	4,456.45	3/4	4,112.58	3/4	3,768.70	3/4	3,424.83	3/4	3,080.96	3/4	2,737.09
1		1		1		1	4,791.81	1	4,449.29	1	4,105.42	1	3,761.54	1	3,417.67	1	3,073.80	1	2,729.93
1/4		1/4		1/4		1/4	4,784.68	1/4	4,442.12	1/4	4,098.25	1/4	3,754.38	1/4	3,410.51	1/4	3,066.63	1/4	2,722.76
1/2		1/2		1/2		1/2	4,777.55	1/2	4,434.96	1/2	4,091.09	1/2	3,747.21	1/2	3,403.34	1/2	3,059.47	1/2	2,715.60
3/4		3/4		3/4		3/4	4,770.42	3/4	4,427.79	3/4	4,083.93	3/4	3,740.05	3/4	3,396.18	3/4	3,052.30	3/4	2,708.43
2		2		2		2	4,763.29	2	4,420.63	2	4,076.76	2	3,732.89	2	3,389.02	2	3,045.14	2	2,701.27
1/4		1/4		1/4		1/4	4,756.16	1/4	4,413.47	1/4	4,069.59	1/4	3,725.72	1/4	3,381.85	1/4	3,037.98	1/4	2,694.11
1/2		1/2		1/2		1/2	4,749.02	1/2	4,406.30	1/2	4,062.43	1/2	3,718.56	1/2	3,374.69	1/2	3,030.81	1/2	2,686.94
3/4		3/4		3/4		3/4	4,741.89	3/4	4,399.14	3/4	4,055.26	3/4	3,711.39	3/4	3,367.52	3/4	3,023.65	3/4	2,679.78
3		3		3		3	4,734.76	3	4,391.98	3	4,048.10	3	3,704.23	3	3,360.36	3	3,016.49	3	2,672.62
1/4		1/4		1/4		1/4	4,727.63	1/4	4,384.81	1/4	4,040.94	1/4	3,697.07	1/4	3,353.19	1/4	3,009.32	1/4	2,665.45
1/2		1/2		1/2		1/2	4,720.49	1/2	4,377.65	1/2	4,033.77	1/2	3,689.90	1/2	3,346.03	1/2	3,002.16	1/2	2,658.29
3/4		3/4		3/4		3/4	4,713.36	3/4	4,370.48	3/4	4,026.61	3/4	3,682.74	3/4	3,338.86	3/4	2,994.99	3/4	2,651.12
4		4		4		4	4,706.23	4	4,363.32	4	4,019.45	4	3,675.58	4	3,331.70	4	2,987.83	4	2,643.96
1/4		1/4		1/4		1/4	4,699.10	1/4	4,356.15	1/4	4,012.28	1/4	3,668.41	1/4	3,324.54	1/4	2,980.67	1/4	2,636.79
1/2		1/2		1/2		1/2	4,691.96	1/2	4,348.99	1/2	4,005.12	1/2	3,661.25	1/2	3,317.37	1/2	2,973.50	1/2	2,629.63
3/4		3/4		3/4		3/4	4,684.83	3/4	4,341.82	3/4	3,997.95	3/4	3,654.08	3/4	3,310.21	3/4	2,966.34	3/4	2,622.46
5		5		5		5	4,677.70	5	4,334.66	5	3,990.79	5	3,646.92	5	3,303.05	5	2,959.18	5	2,615.30
1/4		1/4		1/4	4,917.03	1/4	4,670.57	1/4	4,327.50	1/4	3,983.63	1/4	3,639.75	1/4	3,295.88	1/4	2,952.01	1/4	2,608.14
1/2		1/2		1/2	4,916.64	1/2	4,663.43	1/2	4,320.33	1/2	3,976.46	1/2	3,632.59	1/2	3,288.72	1/2	2,944.85	1/2	2,600.97
3/4		3/4		3/4	4,916.24	3/4	4,656.30	3/4	4,313.17	3/4	3,969.30	3/4	3,625.42	3/4	3,281.55	3/4	2,937.68	3/4	2,593.81
6		6		6	4,915.15	6	4,649.17	6	4,306.01	6	3,962.14	6	3,618.26	6	3,274.39	6	2,930.52	6	2,586.65
1/4		1/4		1/4	4,914.06	1/4	4,642.04	1/4	4,298.84	1/4	3,954.97	1/4	3,611.10	1/4	3,267.23	1/4	2,923.35	1/4	2,579.48
1/2		1/2		1/2	4,912.96	1/2	4,634.91	1/2	4,291.68	1/2	3,947.81	1/2	3,603.93	1/2	3,260.06	1/2	2,916.19	1/2	2,572.32
3/4		3/4		3/4	4,911.87	3/4	4,627.78	3/4	4,284.51	3/4	3,940.64	3/4	3,596.77	3/4	3,252.90	3/4	2,909.02	3/4	2,565.15
7		7		7	4,909.74	7	4,620.65	7	4,277.35	7	3,933.48	7	3,589.61	7	3,245.74	7	2,901.86	7	2,557.99
1/4		1/4		1/4	4,907.62	1/4	4,613.52	1/4	4,270.19	1/4	3,926.31	1/4	3,582.44	1/4	3,238.57	1/4	2,894.70	1/4	2,550.83
1/2		1/2		1/2	4,905.49	1/2	4,606.38	1/2	4,263.02	1/2	3,919.15	1/2	3,575.28	1/2	3,231.41	1/2	2,887.53	1/2	2,543.66
3/4		3/4		3/4	4,903.36	3/4	4,599.25	3/4	4,255.86	3/4	3,911.98	3/4	3,568.11	3/4	3,224.24	3/4	2,880.37	3/4	2,536.50
8		8		8	4,900.17	8	4,592.12	8	4,248.70	8	3,904.74	8	3,560.95	8	3,217.08	8	2,873.21	8	2,529.34
1/4		1/4		1/4	4,896.98	1/4	4,584.99	1/4	4,241.53	1/4	3,897.49	1/4	3,553.79	1/4	3,209.91	1/4	2,866.04	1/4	2,522.17
1/2		1/2		1/2	4,893.79	1/2	4,577.85	1/2	4,234.37	1/2	3,890.25	1/2	3,546.62	1/2	3,202.75	1/2	2,858.88	1/2	2,515.01
3/4		3/4		3/4	4,890.60	3/4	4,570.72	3/4	4,227.20	3/4	3,883.00	3/4	3,539.46	3/4	3,195.58	3/4	2,851.71	3/4	2,507.84
9		9		9	4,886.35	9	4,563.59	9	4,220.04	9	3,875.92	9	3,532.30	9	3,188.42	9	2,844.55	9	2,500.68
1/4		1/4		1/4	4,882.10	1/4	4,556.46	1/4	4,212.87	1/4	3,868.84	1/4	3,525.13	1/4	3,181.26	1/4	2,837.39	1/4	2,493.51
1/2		1/2		1/2	4,877.84	1/2	4,549.32	1/2	4,205.71	1/2	3,861.75	1/2	3,517.97	1/2	3,174.09	1/2	2,830.22	1/2	2,486.35
3/4		3/4		3/4	4,873.59	3/4	4,542.19	3/4	4,198.54	3/4	3,854.67	3/4	3,510.80	3/4	3,166.93	3/4	2,823.06	3/4	2,479.18
10		10		10	4,868.27	10	4,535.06	10	4,191.38	10	3,847.51	10	3,503.64	10	3,159.77	10	2,815.90	10	2,472.02
1/4		1/4		1/4	4,862.96	1/4	4,527.93	1/4	4,184.22	1/4	3,840.35	1/4	3,496.47	1/4	3,152.60	1/4	2,808.73	1/4	2,464.86
1/2		1/2		1/2	4,857.64	1/2	4,520.79	1/2	4,177.05	1/2	3,833.18	1/2	3,489.31	1/2	3,145.44	1/2	2,801.57	1/2	2,457.69
3/4		3/4		3/4	4,852.32	3/4	4,513.66	3/4	4,169.89	3/4	3,826.02	3/4	3,482.14	3/4	3,138.27	3/4	2,794.40	3/4	2,450.53
11		11		11	4,845.98	11	4,506.52	11	4,162.73	11	3,818.86	11	3,474.98	11	3,131.11	11	2,787.24	11	2,443.37
1/4		1/4		1/4	4,839.63	1/4	4,499.38	1/4	4,155.56	1/4	3,811.69	1/4	3,467.82	1/4	3,123.95	1/4	2,780.07	1/4	2,436.20
1/2		1/2		1/2	4,833.29	1/2	4,492.24	1/2	4,148.40	1/2	3,804.53	1/2	3,460.65	1/2	3,116.78	1/2	2,772.91	1/2	2,429.04
3/4		3/4		3/4	4,826.94	3/4	4,485.10	3/4	4,141.23	3/4	3,797.36	3/4	3,453.49	3/4	3,109.62	3/4	2,765.74	3/4	2,421.87

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" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "MMI 3043"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,414.71	0	2,070.84	0	1,726.97	0	1,383.10	0	1,039.22	0	695.35	0	351.48	0		0		0	
1/4	2,407.55	1/4	2,063.67	1/4	1,719.80	1/4	1,375.93	1/4	1,032.06	1/4	688.19	1/4	344.31	1/4		1/4		1/4	
1/2	2,400.38	1/2	2,056.51	1/2	1,712.64	1/2	1,368.77	1/2	1,024.89	1/2	681.02	1/2	337.15	1/2		1/2		1/2	
3/4	2,393.22	3/4	2,049.34	3/4	1,705.47	3/4	1,361.60	3/4	1,017.73	3/4	673.86	3/4	329.98	3/4		3/4		3/4	
1	2,386.06	1	2,042.18	1	1,698.31	1	1,354.44	1	1,010.57	1	666.70	1	322.82	1		1		1	
1/4	2,378.89	1/4	2,035.02	1/4	1,691.15	1/4	1,347.27	1/4	1,003.40	1/4	659.53	1/4	315.66	1/4		1/4		1/4	
1/2	2,371.73	1/2	2,027.85	1/2	1,683.98	1/2	1,340.11	1/2	996.24	1/2	652.37	1/2	308.49	1/2		1/2		1/2	
3/4	2,364.56	3/4	2,020.69	3/4	1,676.82	3/4	1,332.94	3/4	989.07	3/4	645.20	3/4	301.33	3/4		3/4		3/4	
2	2,357.40	2	2,013.53	2	1,669.66	2	1,325.78	2	981.91	2	638.04	2	294.17	2		2		2	
1/4	2,350.23	1/4	2,006.36	1/4	1,662.49	1/4	1,318.62	1/4	974.75	1/4	630.87	1/4	287.00	1/4		1/4		1/4	
1/2	2,343.07	1/2	1,999.20	1/2	1,655.33	1/2	1,311.45	1/2	967.58	1/2	623.71	1/2	279.84	1/2		1/2		1/2	
3/4	2,335.90	3/4	1,992.03	3/4	1,648.16	3/4	1,304.29	3/4	960.42	3/4	616.54	3/4	272.67	3/4		3/4		3/4	
3	2,328.74	3	1,984.87	3	1,641.00	3	1,297.13	3	953.26	3	609.38	3	265.51	3		3		3	
1/4	2,321.58	1/4	1,977.71	1/4	1,633.83	1/4	1,289.96	1/4	946.09	1/4	602.22	1/4	258.35	1/4		1/4		1/4	
1/2	2,314.41	1/2	1,970.54	1/2	1,626.67	1/2	1,282.80	1/2	938.93	1/2	595.05	1/2	251.18	1/2		1/2		1/2	
3/4	2,307.25	3/4	1,963.38	3/4	1,619.50	3/4	1,275.63	3/4	931.76	3/4	587.89	3/4	244.02	3/4		3/4		3/4	
4	2,300.09	4	1,956.22	4	1,612.34	4	1,268.47	4	924.60	4	580.73	4	236.86	4		4		4	
1/4	2,292.92	1/4	1,949.05	1/4	1,605.18	1/4	1,261.31	1/4	917.43	1/4	573.56	1/4	229.69	1/4		1/4		1/4	
1/2	2,285.76	1/2	1,941.89	1/2	1,598.01	1/2	1,254.14	1/2	910.27	1/2	566.40	1/2	222.53	1/2		1/2		1/2	
3/4	2,278.59	3/4	1,934.72	3/4	1,590.85	3/4	1,246.98	3/4	903.10	3/4	559.23	3/4	215.36	3/4		3/4		3/4	
5	2,271.43	5	1,927.56	5	1,583.69	5	1,239.82	5	895.94	5	552.07	5	208.20	5		5		5	
1/4	2,264.27	1/4	1,920.39	1/4	1,576.52	1/4	1,232.65	1/4	888.78	1/4	544.91	1/4	201.03	1/4		1/4		1/4	
1/2	2,257.10	1/2	1,913.23	1/2	1,569.36	1/2	1,225.49	1/2	881.61	1/2	537.74	1/2	193.87	1/2		1/2		1/2	
3/4	2,249.94	3/4	1,906.06	3/4	1,562.19	3/4	1,218.32	3/4	874.45	3/4	530.58	3/4	186.70	3/4		3/4		3/4	
6	2,242.78	6	1,898.90	6	1,555.03	6	1,211.16	6	867.29	6	523.42	6	179.54	6		6		6	
1/4	2,235.61	1/4	1,891.74	1/4	1,547.87	1/4	1,203.99	1/4	860.12	1/4	516.25	1/4	172.38	1/4		1/4		1/4	
1/2	2,228.45	1/2	1,884.57	1/2	1,540.70	1/2	1,196.83	1/2	852.96	1/2	509.09	1/2	165.21	1/2		1/2		1/2	
3/4	2,221.28	3/4	1,877.41	3/4	1,533.54	3/4	1,189.66	3/4	845.79	3/4	501.92	3/4	158.05	3/4		3/4		3/4	
7	2,214.12	7	1,870.25	7	1,526.38	7	1,182.50	7	838.63	7	494.76	7	150.89	7		7		7	
1/4	2,206.95	1/4	1,863.08	1/4	1,519.21	1/4	1,175.34	1/4	831.47	1/4	487.59	1/4	143.72	1/4		1/4		1/4	
1/2	2,199.79	1/2	1,855.92	1/2	1,512.05	1/2	1,168.17	1/2	824.30	1/2	480.43	1/2	136.56	1/2		1/2		1/2	
3/4	2,192.62	3/4	1,848.75	3/4	1,504.88	3/4	1,161.01	3/4	817.14	3/4	473.26	3/4	129.39	3/4		3/4		3/4	
8	2,185.46	8	1,841.59	8	1,497.66	8	1,153.85	8	809.98	8	466.10	8	122.23	8		8		8	
1/4	2,178.30	1/4	1,834.43	1/4	1,490.44	1/4	1,146.68	1/4	802.81	1/4	458.94	1/4	115.07	1/4		1/4		1/4	
1/2	2,171.13	1/2	1,827.26	1/2	1,483.22	1/2	1,139.52	1/2	795.65	1/2	451.77	1/2	107.90	1/2		1/2		1/2	
3/4	2,163.97	3/4	1,820.10	3/4	1,476.00	3/4	1,132.35	3/4	788.48	3/4	444.61	3/4	100.74	3/4		3/4		3/4	
9	2,156.81	9	1,812.94	9	1,468.89	9	1,125.19	9	781.32	9	437.45	9	93.58	9		9		9	
1/4	2,149.64	1/4	1,805.77	1/4	1,461.79	1/4	1,118.03	1/4	774.15	1/4	430.28	1/4	86.41	1/4		1/4		1/4	
1/2	2,142.48	1/2	1,798.61	1/2	1,454.68	1/2	1,110.86	1/2	766.99	1/2	423.12	1/2	79.25	1/2		1/2		1/2	
3/4	2,135.31	3/4	1,791.44	3/4	1,447.57	3/4	1,103.70	3/4	759.82	3/4	415.95	3/4	72.08	3/4		3/4		3/4	
10	2,128.15	10	1,784.28	10	1,440.41	10	1,096.54	10	752.66	10	408.79	10	65.04	10		10		10	
1/4	2,120.99	1/4	1,777.11	1/4	1,433.24	1/4	1,089.37	1/4	745.50	1/4	401.63	1/4	58.00	1/4		1/4		1/4	
1/2	2,113.82	1/2	1,769.95	1/2	1,426.08	1/2	1,082.21	1/2	738.33	1/2	394.46	1/2	50.96	1/2		1/2		1/2	
3/4	2,106.66	3/4	1,762.78	3/4	1,418.91	3/4	1,075.04	3/4	731.17	3/4	387.30	3/4	43.92	3/4		3/4		3/4	
11	2,099.50	11	1,755.62	11	1,411.75	11	1,067.88	11	724.01	11	380.14	11	38.41	11		11		11	
1/4	2,092.33	1/4	1,748.46	1/4	1,404.59	1/4	1,060.71	1/4	716.84	1/4	372.97	1/4	32.90	1/4		1/4		1/4	
1/2	2,085.17	1/2	1,741.29	1/2	1,397.42	1/2	1,053.55	1/2	709.68	1/2	365.81	1/2	27.38	1/2		1/2		1/2	
3/4	2,078.00	3/4	1,734.13	3/4	1,390.26	3/4	1,046.38	3/4	702.51	3/4	358.64	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/2004 INSP.  
RECALCULATED: 12/26/2018  
VERIFIED: 01/10/2024 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "MMI 3043"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	4,819.94	0	4,477.94	0	4,134.07	0	3,790.20	0	3,446.33	0	3,102.46	0	2,758.58		
1/4		1/4		1/4		1/4	4,812.94	1/4	4,470.78	1/4	4,126.91	1/4	3,783.03	1/4	3,439.16	1/4	3,095.29	1/4	2,751.42		
1/2		1/2		1/2		1/2	4,805.94	1/2	4,463.61	1/2	4,119.74	1/2	3,775.87	1/2	3,432.00	1/2	3,088.13	1/2	2,744.25		
3/4		3/4		3/4		3/4	4,798.94	3/4	4,456.45	3/4	4,112.58	3/4	3,768.70	3/4	3,424.83	3/4	3,080.96	3/4	2,737.09		
1		1		1		1	4,791.81	1	4,449.29	1	4,105.42	1	3,761.54	1	3,417.67	1	3,073.80	1	2,729.93		
1/4		1/4		1/4		1/4	4,784.68	1/4	4,442.12	1/4	4,098.25	1/4	3,754.38	1/4	3,410.51	1/4	3,066.63	1/4	2,722.76		
1/2		1/2		1/2		1/2	4,777.55	1/2	4,434.96	1/2	4,091.09	1/2	3,747.21	1/2	3,403.34	1/2	3,059.47	1/2	2,715.60		
3/4		3/4		3/4		3/4	4,770.42	3/4	4,427.79	3/4	4,083.93	3/4	3,740.05	3/4	3,396.18	3/4	3,052.30	3/4	2,708.43		
2		2		2		2	4,763.29	2	4,420.63	2	4,076.76	2	3,732.89	2	3,389.02	2	3,045.14	2	2,701.27		
1/4		1/4		1/4		1/4	4,756.16	1/4	4,413.47	1/4	4,069.59	1/4	3,725.72	1/4	3,381.85	1/4	3,037.98	1/4	2,694.11		
1/2		1/2		1/2		1/2	4,749.02	1/2	4,406.30	1/2	4,062.43	1/2	3,718.56	1/2	3,374.69	1/2	3,030.81	1/2	2,686.94		
3/4		3/4		3/4		3/4	4,741.89	3/4	4,399.14	3/4	4,055.26	3/4	3,711.39	3/4	3,367.52	3/4	3,023.65	3/4	2,679.78		
3		3		3		3	4,734.76	3	4,391.98	3	4,048.10	3	3,704.23	3	3,360.36	3	3,016.49	3	2,672.62		
1/4		1/4		1/4		1/4	4,727.63	1/4	4,384.81	1/4	4,040.94	1/4	3,697.07	1/4	3,353.19	1/4	3,009.32	1/4	2,665.45		
1/2		1/2		1/2		1/2	4,720.49	1/2	4,377.65	1/2	4,033.77	1/2	3,689.90	1/2	3,346.03	1/2	3,002.16	1/2	2,658.29		
3/4		3/4		3/4		3/4	4,713.36	3/4	4,370.48	3/4	4,026.61	3/4	3,682.74	3/4	3,338.86	3/4	2,994.99	3/4	2,651.12		
4		4		4		4	4,706.23	4	4,363.32	4	4,019.45	4	3,675.58	4	3,331.70	4	2,987.83	4	2,643.96		
1/4		1/4		1/4		1/4	4,699.10	1/4	4,356.15	1/4	4,012.28	1/4	3,668.41	1/4	3,324.54	1/4	2,980.67	1/4	2,636.79		
1/2		1/2		1/2		1/2	4,691.96	1/2	4,348.99	1/2	4,005.12	1/2	3,661.25	1/2	3,317.37	1/2	2,973.50	1/2	2,629.63		
3/4		3/4		3/4		3/4	4,684.83	3/4	4,341.82	3/4	3,997.95	3/4	3,654.08	3/4	3,310.21	3/4	2,966.34	3/4	2,622.46		
5		5		5		5	4,677.70	5	4,334.66	5	3,990.79	5	3,646.92	5	3,303.05	5	2,959.18	5	2,615.30		
1/4		1/4		1/4		1/4	4,917.03	1/4	4,670.57	1/4	4,327.50	1/4	3,983.63	1/4	3,639.75	1/4	3,295.88	1/4	2,952.01	1/4	2,608.14
1/2		1/2		1/2		1/2	4,916.64	1/2	4,663.43	1/2	4,320.33	1/2	3,976.46	1/2	3,632.59	1/2	3,288.72	1/2	2,944.85	1/2	2,600.97
3/4		3/4		3/4		3/4	4,916.24	3/4	4,656.30	3/4	4,313.17	3/4	3,969.30	3/4	3,625.42	3/4	3,281.55	3/4	2,937.68	3/4	2,593.81
6		6		6		6	4,915.15	6	4,649.17	6	4,306.01	6	3,962.14	6	3,618.26	6	3,274.39	6	2,930.52	6	2,586.65
1/4		1/4		1/4		1/4	4,914.06	1/4	4,642.04	1/4	4,298.84	1/4	3,954.97	1/4	3,611.10	1/4	3,267.23	1/4	2,923.35	1/4	2,579.48
1/2		1/2		1/2		1/2	4,912.96	1/2	4,634.91	1/2	4,291.68	1/2	3,947.81	1/2	3,603.93	1/2	3,260.06	1/2	2,916.19	1/2	2,572.32
3/4		3/4		3/4		3/4	4,911.87	3/4	4,627.78	3/4	4,284.51	3/4	3,940.64	3/4	3,596.77	3/4	3,252.90	3/4	2,909.02	3/4	2,565.15
7		7		7		7	4,909.74	7	4,620.65	7	4,277.35	7	3,933.48	7	3,589.61	7	3,245.74	7	2,901.86	7	2,557.99
1/4		1/4		1/4		1/4	4,907.62	1/4	4,613.52	1/4	4,270.19	1/4	3,926.31	1/4	3,582.44	1/4	3,238.57	1/4	2,894.70	1/4	2,550.83
1/2		1/2		1/2		1/2	4,905.49	1/2	4,606.38	1/2	4,263.02	1/2	3,919.15	1/2	3,575.28	1/2	3,231.41	1/2	2,887.53	1/2	2,543.66
3/4		3/4		3/4		3/4	4,903.36	3/4	4,599.25	3/4	4,255.86	3/4	3,911.98	3/4	3,568.11	3/4	3,224.24	3/4	2,880.37	3/4	2,536.50
8		8		8		8	4,900.17	8	4,592.12	8	4,248.70	8	3,904.74	8	3,560.95	8	3,217.08	8	2,873.21	8	2,529.34
1/4		1/4		1/4		1/4	4,896.98	1/4	4,584.99	1/4	4,241.53	1/4	3,897.49	1/4	3,553.79	1/4	3,209.91	1/4	2,866.04	1/4	2,522.17
1/2		1/2		1/2		1/2	4,893.79	1/2	4,577.85	1/2	4,234.37	1/2	3,890.25	1/2	3,546.62	1/2	3,202.75	1/2	2,858.88	1/2	2,515.01
3/4		3/4		3/4		3/4	4,890.60	3/4	4,570.72	3/4	4,227.20	3/4	3,883.00	3/4	3,539.46	3/4	3,195.58	3/4	2,851.71	3/4	2,507.84
9		9		9		9	4,886.35	9	4,563.59	9	4,220.04	9	3,875.92	9	3,532.30	9	3,188.42	9	2,844.55	9	2,500.68
1/4		1/4		1/4		1/4	4,882.10	1/4	4,556.46	1/4	4,212.87	1/4	3,868.84	1/4	3,525.13	1/4	3,181.26	1/4	2,837.39	1/4	2,493.51
1/2		1/2		1/2		1/2	4,877.84	1/2	4,549.32	1/2	4,205.71	1/2	3,861.75	1/2	3,517.97	1/2	3,174.09	1/2	2,830.22	1/2	2,486.35
3/4		3/4		3/4		3/4	4,873.59	3/4	4,542.19	3/4	4,198.54	3/4	3,854.67	3/4	3,510.80	3/4	3,166.93	3/4	2,823.06	3/4	2,479.18
10		10		10		10	4,868.27	10	4,535.06	10	4,191.38	10	3,847.51	10	3,503.64	10	3,159.77	10	2,815.90	10	2,472.02
1/4		1/4		1/4		1/4	4,862.96	1/4	4,527.93	1/4	4,184.22	1/4	3,840.35	1/4	3,496.47	1/4	3,152.60	1/4	2,808.73	1/4	2,464.86
1/2		1/2		1/2		1/2	4,857.64	1/2	4,520.79	1/2	4,177.05	1/2	3,833.18	1/2	3,489.31	1/2	3,145.44	1/2	2,801.57	1/2	2,457.69
3/4		3/4		3/4		3/4	4,852.32	3/4	4,513.66	3/4	4,169.89	3/4	3,826.02	3/4	3,482.14	3/4	3,138.27	3/4	2,794.40	3/4	2,450.53
11		11		11		11	4,845.98	11	4,506.52	11	4,162.73	11	3,818.86	11	3,474.98	11	3,131.11	11	2,787.24	11	2,443.37
1/4		1/4		1/4		1/4	4,839.63	1/4	4,499.38	1/4	4,155.56	1/4	3,811.69	1/4	3,467.82	1/4	3,123.95	1/4	2,780.07	1/4	2,436.20
1/2		1/2		1/2		1/2	4,833.29	1/2	4,492.24	1/2	4,148.40	1/2	3,804.53	1/2	3,460.65	1/2	3,116.78	1/2	2,772.91	1/2	2,429.04
3/4		3/4		3/4		3/4	4,826.94	3/4	4,485.10	3/4	4,141.23	3/4	3,797.36	3/4	3,453.49	3/4	3,109.62	3/4	2,765.74	3/4	2,421.87

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" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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





# BARGE "MMI 3043"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,414.71	0	2,070.84	0	1,726.97	0	1,383.10	0	1,039.22	0	695.35	0	351.48	0		0		0	
1/4	2,407.55	1/4	2,063.67	1/4	1,719.80	1/4	1,375.93	1/4	1,032.06	1/4	688.19	1/4	344.31	1/4		1/4		1/4	
1/2	2,400.38	1/2	2,056.51	1/2	1,712.64	1/2	1,368.77	1/2	1,024.89	1/2	681.02	1/2	337.15	1/2		1/2		1/2	
3/4	2,393.22	3/4	2,049.34	3/4	1,705.47	3/4	1,361.60	3/4	1,017.73	3/4	673.86	3/4	329.98	3/4		3/4		3/4	
1	2,386.06	1	2,042.18	1	1,698.31	1	1,354.44	1	1,010.57	1	666.70	1	322.82	1		1		1	
1/4	2,378.89	1/4	2,035.02	1/4	1,691.15	1/4	1,347.27	1/4	1,003.40	1/4	659.53	1/4	315.66	1/4		1/4		1/4	
1/2	2,371.73	1/2	2,027.85	1/2	1,683.98	1/2	1,340.11	1/2	996.24	1/2	652.37	1/2	308.49	1/2		1/2		1/2	
3/4	2,364.56	3/4	2,020.69	3/4	1,676.82	3/4	1,332.94	3/4	989.07	3/4	645.20	3/4	301.33	3/4		3/4		3/4	
2	2,357.40	2	2,013.53	2	1,669.66	2	1,325.78	2	981.91	2	638.04	2	294.17	2		2		2	
1/4	2,350.23	1/4	2,006.36	1/4	1,662.49	1/4	1,318.62	1/4	974.75	1/4	630.87	1/4	287.00	1/4		1/4		1/4	
1/2	2,343.07	1/2	1,999.20	1/2	1,655.33	1/2	1,311.45	1/2	967.58	1/2	623.71	1/2	279.84	1/2		1/2		1/2	
3/4	2,335.90	3/4	1,992.03	3/4	1,648.16	3/4	1,304.29	3/4	960.42	3/4	616.54	3/4	272.67	3/4		3/4		3/4	
3	2,328.74	3	1,984.87	3	1,641.00	3	1,297.13	3	953.26	3	609.38	3	265.51	3		3		3	
1/4	2,321.58	1/4	1,977.71	1/4	1,633.83	1/4	1,289.96	1/4	946.09	1/4	602.22	1/4	258.35	1/4		1/4		1/4	
1/2	2,314.41	1/2	1,970.54	1/2	1,626.67	1/2	1,282.80	1/2	938.93	1/2	595.05	1/2	251.18	1/2		1/2		1/2	
3/4	2,307.25	3/4	1,963.38	3/4	1,619.50	3/4	1,275.63	3/4	931.76	3/4	587.89	3/4	244.02	3/4		3/4		3/4	
4	2,300.09	4	1,956.22	4	1,612.34	4	1,268.47	4	924.60	4	580.73	4	236.86	4		4		4	
1/4	2,292.92	1/4	1,949.05	1/4	1,605.18	1/4	1,261.31	1/4	917.43	1/4	573.56	1/4	229.69	1/4		1/4		1/4	
1/2	2,285.76	1/2	1,941.89	1/2	1,598.01	1/2	1,254.14	1/2	910.27	1/2	566.40	1/2	222.53	1/2		1/2		1/2	
3/4	2,278.59	3/4	1,934.72	3/4	1,590.85	3/4	1,246.98	3/4	903.10	3/4	559.23	3/4	215.36	3/4		3/4		3/4	
5	2,271.43	5	1,927.56	5	1,583.69	5	1,239.82	5	895.94	5	552.07	5	208.20	5		5		5	
1/4	2,264.27	1/4	1,920.39	1/4	1,576.52	1/4	1,232.65	1/4	888.78	1/4	544.91	1/4	201.03	1/4		1/4		1/4	
1/2	2,257.10	1/2	1,913.23	1/2	1,569.36	1/2	1,225.49	1/2	881.61	1/2	537.74	1/2	193.87	1/2		1/2		1/2	
3/4	2,249.94	3/4	1,906.06	3/4	1,562.19	3/4	1,218.32	3/4	874.45	3/4	530.58	3/4	186.70	3/4		3/4		3/4	
6	2,242.78	6	1,898.90	6	1,555.03	6	1,211.16	6	867.29	6	523.42	6	179.54	6		6		6	
1/4	2,235.61	1/4	1,891.74	1/4	1,547.87	1/4	1,203.99	1/4	860.12	1/4	516.25	1/4	172.38	1/4		1/4		1/4	
1/2	2,228.45	1/2	1,884.57	1/2	1,540.70	1/2	1,196.83	1/2	852.96	1/2	509.09	1/2	165.21	1/2		1/2		1/2	
3/4	2,221.28	3/4	1,877.41	3/4	1,533.54	3/4	1,189.66	3/4	845.79	3/4	501.92	3/4	158.05	3/4		3/4		3/4	
7	2,214.12	7	1,870.25	7	1,526.38	7	1,182.50	7	838.63	7	494.76	7	150.89	7		7		7	
1/4	2,206.95	1/4	1,863.08	1/4	1,519.21	1/4	1,175.34	1/4	831.47	1/4	487.59	1/4	143.72	1/4		1/4		1/4	
1/2	2,199.79	1/2	1,855.92	1/2	1,512.05	1/2	1,168.17	1/2	824.30	1/2	480.43	1/2	136.56	1/2		1/2		1/2	
3/4	2,192.62	3/4	1,848.75	3/4	1,504.88	3/4	1,161.01	3/4	817.14	3/4	473.26	3/4	129.39	3/4		3/4		3/4	
8	2,185.46	8	1,841.59	8	1,497.66	8	1,153.85	8	809.98	8	466.10	8	122.23	8		8		8	
1/4	2,178.30	1/4	1,834.43	1/4	1,490.44	1/4	1,146.68	1/4	802.81	1/4	458.94	1/4	115.07	1/4		1/4		1/4	
1/2	2,171.13	1/2	1,827.26	1/2	1,483.22	1/2	1,139.52	1/2	795.65	1/2	451.77	1/2	107.90	1/2		1/2		1/2	
3/4	2,163.97	3/4	1,820.10	3/4	1,476.00	3/4	1,132.35	3/4	788.48	3/4	444.61	3/4	100.74	3/4		3/4		3/4	
9	2,156.81	9	1,812.94	9	1,468.89	9	1,125.19	9	781.32	9	437.45	9	93.58	9		9		9	
1/4	2,149.64	1/4	1,805.77	1/4	1,461.79	1/4	1,118.03	1/4	774.15	1/4	430.28	1/4	86.41	1/4		1/4		1/4	
1/2	2,142.48	1/2	1,798.61	1/2	1,454.68	1/2	1,110.86	1/2	766.99	1/2	423.12	1/2	79.25	1/2		1/2		1/2	
3/4	2,135.31	3/4	1,791.44	3/4	1,447.57	3/4	1,103.70	3/4	759.82	3/4	415.95	3/4	72.08	3/4		3/4		3/4	
10	2,128.15	10	1,784.28	10	1,440.41	10	1,096.54	10	752.66	10	408.79	10	65.04	10		10		10	
1/4	2,120.99	1/4	1,777.11	1/4	1,433.24	1/4	1,089.37	1/4	745.50	1/4	401.63	1/4	58.00	1/4		1/4		1/4	
1/2	2,113.82	1/2	1,769.95	1/2	1,426.08	1/2	1,082.21	1/2	738.33	1/2	394.46	1/2	50.96	1/2		1/2		1/2	
3/4	2,106.66	3/4	1,762.78	3/4	1,418.91	3/4	1,075.04	3/4	731.17	3/4	387.30	3/4	43.92	3/4		3/4		3/4	
11	2,099.50	11	1,755.62	11	1,411.75	11	1,067.88	11	724.01	11	380.14	11	38.41	11		11		11	
1/4	2,092.33	1/4	1,748.46	1/4	1,404.59	1/4	1,060.71	1/4	716.84	1/4	372.97	1/4	32.90	1/4		1/4		1/4	
1/2	2,085.17	1/2	1,741.29	1/2	1,397.42	1/2	1,053.55	1/2	709.68	1/2	365.81	1/2	27.38	1/2		1/2		1/2	
3/4	2,078.00	3/4	1,734.13	3/4	1,390.26	3/4	1,046.38	3/4	702.51	3/4	358.64	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/2004 INSP.  
RECALCULATED: 12/26/2018  
VERIFIED: 01/10/2024 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024



# BARGE "MMI 3043"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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	4,630.09	0	4,377.32	0	4,124.46	0	3,871.59	0	3,617.72	0	3,275.64	0	2,910.56
1/4		1/4		1/4		1/4	4,624.92	1/4	4,372.05	1/4	4,119.19	1/4	3,866.32	1/4	3,612.16	1/4	3,268.03	1/4	2,902.95
1/2		1/2		1/2		1/2	4,619.65	1/2	4,366.78	1/2	4,113.92	1/2	3,861.05	1/2	3,606.28	1/2	3,260.43	1/2	2,895.34
3/4		3/4		3/4		3/4	4,614.38	3/4	4,361.52	3/4	4,108.66	3/4	3,855.79	3/4	3,600.40	3/4	3,252.82	3/4	2,887.74
1		1		1		1	4,609.11	1	4,356.25	1	4,103.39	1	3,850.52	1	3,594.51	1	3,245.22	1	2,880.13
1/4		1/4		1/4		1/4	4,603.84	1/4	4,350.98	1/4	4,098.12	1/4	3,845.25	1/4	3,588.63	1/4	3,237.61	1/4	2,872.52
1/2		1/2		1/2		1/2	4,598.57	1/2	4,345.71	1/2	4,092.85	1/2	3,839.98	1/2	3,582.40	1/2	3,230.01	1/2	2,864.92
3/4		3/4		3/4		3/4	4,593.31	3/4	4,340.45	3/4	4,087.58	3/4	3,834.72	3/4	3,576.18	3/4	3,222.40	3/4	2,857.31
2		2		2		2	4,588.04	2	4,335.18	2	4,082.31	2	3,829.45	2	3,569.95	2	3,214.80	2	2,849.71
1/4		1/4		1/4		1/4	4,582.77	1/4	4,329.91	1/4	4,077.04	1/4	3,824.18	1/4	3,563.72	1/4	3,207.19	1/4	2,842.10
1/2		1/2		1/2		1/2	4,577.50	1/2	4,324.64	1/2	4,071.77	1/2	3,818.91	1/2	3,557.15	1/2	3,199.58	1/2	2,834.49
3/4		3/4		3/4		3/4	4,572.24	3/4	4,319.38	3/4	4,066.51	3/4	3,813.65	3/4	3,550.57	3/4	3,191.98	3/4	2,826.89
3		3		3		3	4,566.97	3	4,314.11	3	4,061.24	3	3,808.38	3	3,544.00	3	3,184.37	3	2,819.28
1/4		1/4		1/4		1/4	4,561.70	1/4	4,308.84	1/4	4,055.97	1/4	3,803.11	1/4	3,537.42	1/4	3,176.76	1/4	2,811.67
1/2		1/2		1/2		1/2	4,556.43	1/2	4,303.57	1/2	4,050.70	1/2	3,797.84	1/2	3,530.50	1/2	3,169.16	1/2	2,804.07
3/4		3/4		3/4		3/4	4,551.17	3/4	4,298.30	3/4	4,045.44	3/4	3,792.58	3/4	3,523.58	3/4	3,161.55	3/4	2,796.46
4		4		4		4	4,545.90	4	4,293.03	4	4,040.17	4	3,787.31	4	3,516.66	4	3,153.95	4	2,788.86
1/4		1/4		1/4		1/4	4,540.63	1/4	4,287.76	1/4	4,034.90	1/4	3,782.04	1/4	3,509.74	1/4	3,146.34	1/4	2,781.25
1/2		1/2		1/2		1/2	4,535.36	1/2	4,282.49	1/2	4,029.63	1/2	3,776.77	1/2	3,502.47	1/2	3,138.73	1/2	2,773.65
3/4		3/4		3/4		3/4	4,711.99	3/4	4,530.10	3/4	4,277.23	3/4	4,024.37	3/4	3,771.50	3/4	3,495.21	3/4	3,131.13
5		5		5		5	4,711.64	5	4,524.83	5	4,271.96	5	4,019.10	5	3,766.23	5	3,487.94	5	3,123.52
1/4		1/4		1/4		1/4	4,711.35	1/4	4,519.56	1/4	4,266.69	1/4	4,013.83	1/4	3,760.96	1/4	3,480.67	1/4	3,115.91
1/2		1/2		1/2		1/2	4,710.55	1/2	4,514.29	1/2	4,261.42	1/2	4,008.56	1/2	3,755.69	1/2	3,473.15	1/2	3,108.31
3/4		3/4		3/4		3/4	4,709.74	3/4	4,509.02	3/4	4,256.16	3/4	4,003.30	3/4	3,750.43	3/4	3,465.63	3/4	3,100.70
6		6		6		6	4,708.94	6	4,503.75	6	4,250.89	6	3,998.03	6	3,745.16	6	3,458.10	6	3,093.10
1/4		1/4		1/4		1/4	4,708.13	1/4	4,498.48	1/4	4,245.62	1/4	3,992.76	1/4	3,739.89	1/4	3,450.58	1/4	3,085.49
1/2		1/2		1/2		1/2	4,706.57	1/2	4,493.21	1/2	4,240.35	1/2	3,987.49	1/2	3,734.62	1/2	3,442.97	1/2	3,077.89
3/4		3/4		3/4		3/4	4,705.01	3/4	4,487.95	3/4	4,235.09	3/4	3,982.22	3/4	3,729.36	3/4	3,435.37	3/4	3,070.28
7		7		7		7	4,703.45	7	4,482.68	7	4,229.82	7	3,976.95	7	3,724.09	7	3,427.76	7	3,062.68
1/4		1/4		1/4		1/4	4,701.89	1/4	4,477.41	1/4	4,224.55	1/4	3,971.68	1/4	3,718.82	1/4	3,420.15	1/4	3,055.07
1/2		1/2		1/2		1/2	4,699.55	1/2	4,472.14	1/2	4,219.28	1/2	3,966.41	1/2	3,713.55	1/2	3,412.55	1/2	3,047.46
3/4		3/4		3/4		3/4	4,697.20	3/4	4,466.88	3/4	4,214.02	3/4	3,961.15	3/4	3,708.29	3/4	3,404.94	3/4	3,039.86
8		8		8		8	4,694.86	8	4,461.61	8	4,208.75	8	3,955.88	8	3,703.02	8	3,397.34	8	3,032.25
1/4		1/4		1/4		1/4	4,692.51	1/4	4,456.34	1/4	4,203.48	1/4	3,950.61	1/4	3,697.75	1/4	3,389.73	1/4	3,024.64
1/2		1/2		1/2		1/2	4,689.38	1/2	4,451.07	1/2	4,198.21	1/2	3,945.34	1/2	3,692.48	1/2	3,382.13	1/2	3,017.04
3/4		3/4		3/4		3/4	4,686.26	3/4	4,445.81	3/4	4,192.94	3/4	3,940.08	3/4	3,687.22	3/4	3,374.52	3/4	3,009.43
9		9		9		9	4,683.13	9	4,440.54	9	4,187.67	9	3,934.81	9	3,681.95	9	3,366.92	9	3,001.83
1/4		1/4		1/4		1/4	4,680.00	1/4	4,435.27	1/4	4,182.40	1/4	3,929.54	1/4	3,676.68	1/4	3,359.31	1/4	2,994.22
1/2		1/2		1/2		1/2	4,676.09	1/2	4,430.00	1/2	4,177.13	1/2	3,924.27	1/2	3,671.41	1/2	3,351.70	1/2	2,986.61
3/4		3/4		3/4		3/4	4,672.19	3/4	4,424.74	3/4	4,171.87	3/4	3,919.01	3/4	3,666.14	3/4	3,344.10	3/4	2,979.01
10		10		10		10	4,668.28	10	4,419.47	10	4,166.60	10	3,913.74	10	3,660.87	10	3,336.49	10	2,971.40
1/4		1/4		1/4		1/4	4,664.37	1/4	4,414.20	1/4	4,161.33	1/4	3,908.47	1/4	3,655.60	1/4	3,328.88	1/4	2,963.79
1/2		1/2		1/2		1/2	4,659.68	1/2	4,408.93	1/2	4,156.06	1/2	3,903.20	1/2	3,650.30	1/2	3,321.28	1/2	2,956.19
3/4		3/4		3/4		3/4	4,654.99	3/4	4,403.66	3/4	4,150.80	3/4	3,897.94	3/4	3,645.00	3/4	3,313.67	3/4	2,948.58
11		11		11		11	4,650.30	11	4,398.39	11	4,145.53	11	3,892.67	11	3,639.69	11	3,306.07	11	2,940.98
1/4		1/4		1/4		1/4	4,645.61	1/4	4,393.12	1/4	4,140.26	1/4	3,887.40	1/4	3,634.39	1/4	3,298.46	1/4	2,933.37
1/2		1/2		1/2		1/2	4,640.44	1/2	4,387.85	1/2	4,134.99	1/2	3,882.13	1/2	3,628.83	1/2	3,290.85	1/2	2,925.77
3/4		3/4		3/4		3/4	4,635.27	3/4	4,382.59	3/4	4,129.73	3/4	3,876.86	3/4	3,623.28	3/4	3,283.25	3/4	2,918.16

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" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "MMI 3043"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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	2,545.47	0	2,180.38	0	1,815.29	0	1,450.20	0	1,085.11	0	722.38	0	357.79	0		0		0	
1/4	2,537.86	1/4	2,172.77	1/4	1,807.68	1/4	1,442.59	1/4	1,077.51	1/4	714.83	1/4	350.19	1/4	1/4	1/4		1/4	
1/2	2,530.25	1/2	2,165.17	1/2	1,800.07	1/2	1,434.98	1/2	1,069.90	1/2	707.28	1/2	342.59	1/2	1/2	1/2		1/2	
3/4	2,522.65	3/4	2,157.56	3/4	1,792.47	3/4	1,427.38	3/4	1,062.29	3/4	699.73	3/4	334.98	3/4	3/4	3/4		3/4	
1	2,515.04	1	2,149.96	1	1,784.86	1	1,419.77	1	1,054.69	1	692.18	1	327.38	1		1		1	
1/4	2,507.43	1/4	2,142.35	1/4	1,777.26	1/4	1,412.17	1/4	1,047.08	1/4	684.63	1/4	319.78	1/4	1/4	1/4		1/4	
1/2	2,499.83	1/2	2,134.74	1/2	1,769.65	1/2	1,404.56	1/2	1,039.52	1/2	677.04	1/2	312.18	1/2	1/2	1/2		1/2	
3/4	2,492.22	3/4	2,127.14	3/4	1,762.04	3/4	1,396.96	3/4	1,031.95	3/4	669.45	3/4	304.57	3/4	3/4	3/4		3/4	
2	2,484.62	2	2,119.53	2	1,754.44	2	1,389.35	2	1,024.39	2	661.86	2	296.97	2		2		2	
1/4	2,477.01	1/4	2,111.92	1/4	1,746.83	1/4	1,381.75	1/4	1,016.83	1/4	654.27	1/4	289.37	1/4	1/4	1/4		1/4	
1/2	2,469.41	1/2	2,104.32	1/2	1,739.22	1/2	1,374.14	1/2	1,009.28	1/2	646.67	1/2	281.77	1/2	1/2	1/2		1/2	
3/4	2,461.80	3/4	2,096.71	3/4	1,731.62	3/4	1,366.53	3/4	1,001.73	3/4	639.06	3/4	274.17	3/4	3/4	3/4		3/4	
3	2,454.20	3	2,089.11	3	1,724.01	3	1,358.93	3	994.18	3	631.46	3	266.57	3		3		3	
1/4	2,446.59	1/4	2,081.50	1/4	1,716.41	1/4	1,351.32	1/4	986.63	1/4	623.86	1/4	258.97	1/4	1/4	1/4		1/4	
1/2	2,438.98	1/2	2,073.89	1/2	1,708.80	1/2	1,343.71	1/2	979.08	1/2	616.26	1/2	251.37	1/2	1/2	1/2		1/2	
3/4	2,431.38	3/4	2,066.29	3/4	1,701.20	3/4	1,336.11	3/4	971.53	3/4	608.65	3/4	243.76	3/4	3/4	3/4		3/4	
4	2,423.77	4	2,058.68	4	1,693.59	4	1,328.50	4	963.98	4	601.05	4	236.16	4		4		4	
1/4	2,416.16	1/4	2,051.07	1/4	1,685.99	1/4	1,320.90	1/4	956.43	1/4	593.45	1/4	228.56	1/4	1/4	1/4		1/4	
1/2	2,408.56	1/2	2,043.47	1/2	1,678.38	1/2	1,313.29	1/2	948.88	1/2	585.85	1/2	220.96	1/2	1/2	1/2		1/2	
3/4	2,400.95	3/4	2,035.86	3/4	1,670.77	3/4	1,305.68	3/4	941.33	3/4	578.25	3/4	213.35	3/4	3/4	3/4		3/4	
5	2,393.35	5	2,028.26	5	1,663.17	5	1,298.08	5	933.78	5	570.65	5	205.75	5		5		5	
1/4	2,385.74	1/4	2,020.65	1/4	1,655.56	1/4	1,290.47	1/4	926.23	1/4	563.05	1/4	198.15	1/4	1/4	1/4		1/4	
1/2	2,378.13	1/2	2,013.05	1/2	1,647.95	1/2	1,282.86	1/2	918.68	1/2	555.45	1/2	190.55	1/2	1/2	1/2		1/2	
3/4	2,370.53	3/4	2,005.44	3/4	1,640.35	3/4	1,275.26	3/4	911.13	3/4	547.84	3/4	182.94	3/4	3/4	3/4		3/4	
6	2,362.92	6	1,997.84	6	1,632.74	6	1,267.65	6	903.58	6	540.24	6	175.34	6		6		6	
1/4	2,355.31	1/4	1,990.23	1/4	1,625.14	1/4	1,260.05	1/4	896.03	1/4	532.64	1/4	167.74	1/4	1/4	1/4		1/4	
1/2	2,347.71	1/2	1,982.62	1/2	1,617.53	1/2	1,252.44	1/2	888.48	1/2	525.04	1/2	160.14	1/2	1/2	1/2		1/2	
3/4	2,340.10	3/4	1,975.02	3/4	1,609.92	3/4	1,244.84	3/4	880.93	3/4	517.43	3/4	152.53	3/4	3/4	3/4		3/4	
7	2,332.50	7	1,967.41	7	1,602.32	7	1,237.23	7	873.38	7	509.83	7	144.93	7		7		7	
1/4	2,324.89	1/4	1,959.80	1/4	1,594.71	1/4	1,229.63	1/4	865.83	1/4	502.23	1/4	137.33	1/4	1/4	1/4		1/4	
1/2	2,317.29	1/2	1,952.20	1/2	1,587.10	1/2	1,222.02	1/2	858.28	1/2	494.63	1/2	129.73	1/2	1/2	1/2		1/2	
3/4	2,309.68	3/4	1,944.59	3/4	1,579.50	3/4	1,214.41	3/4	850.73	3/4	487.02	3/4	122.13	3/4	3/4	3/4		3/4	
8	2,302.08	8	1,936.99	8	1,571.89	8	1,206.81	8	843.18	8	479.42	8	114.53	8		8		8	
1/4	2,294.47	1/4	1,929.38	1/4	1,564.29	1/4	1,199.20	1/4	835.63	1/4	471.82	1/4	106.93	1/4	1/4	1/4		1/4	
1/2	2,286.86	1/2	1,921.77	1/2	1,556.68	1/2	1,191.59	1/2	828.08	1/2	464.22	1/2	99.33	1/2	1/2	1/2		1/2	
3/4	2,279.26	3/4	1,914.17	3/4	1,549.08	3/4	1,183.99	3/4	820.53	3/4	456.61	3/4	91.72	3/4	3/4	3/4		3/4	
9	2,271.65	9	1,906.56	9	1,541.47	9	1,176.38	9	812.98	9	449.01	9	84.12	9		9		9	
1/4	2,264.04	1/4	1,898.95	1/4	1,533.87	1/4	1,168.78	1/4	805.43	1/4	441.41	1/4	76.52	1/4	1/4	1/4		1/4	
1/2	2,256.44	1/2	1,891.35	1/2	1,526.26	1/2	1,161.17	1/2	797.88	1/2	433.81	1/2	69.05	1/2	1/2	1/2		1/2	
3/4	2,248.83	3/4	1,883.74	3/4	1,518.65	3/4	1,153.56	3/4	790.33	3/4	426.21	3/4	61.58	3/4	3/4	3/4		3/4	
10	2,241.23	10	1,876.14	10	1,511.05	10	1,145.96	10	782.78	10	418.61	10	54.12	10		10		10	
1/4	2,233.62	1/4	1,868.53	1/4	1,503.44	1/4	1,138.35	1/4	775.23	1/4	411.01	1/4	46.65	1/4	1/4	1/4		1/4	
1/2	2,226.01	1/2	1,860.93	1/2	1,495.83	1/2	1,130.74	1/2	767.68	1/2	403.41	1/2	40.81	1/2	1/2	1/2		1/2	
3/4	2,218.41	3/4	1,853.32	3/4	1,488.23	3/4	1,123.14	3/4	760.13	3/4	395.80	3/4	34.98	3/4	3/4	3/4		3/4	
11	2,210.80	11	1,845.72	11	1,480.62	11	1,115.53	11	752.58	11	388.20	11	29.21	11		11		11	
1/4	2,203.19	1/4	1,838.11	1/4	1,473.02	1/4	1,107.93	1/4	745.03	1/4	380.60	1/4		1/4	1/4	1/4		1/4	
1/2	2,195.59	1/2	1,830.50	1/2	1,465.41	1/2	1,100.32	1/2	737.48	1/2	373.00	1/2		1/2	1/2	1/2		1/2	
3/4	2,187.98	3/4	1,822.90	3/4	1,457.80	3/4	1,092.72	3/4	729.93	3/4	365.39	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/2004 INSP.  
RECALCULATED: 12/26/2018  
VERIFIED: 01/10/2024 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024



# BARGE "MMI 3043"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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	4,635.33	0	4,382.65	0	4,129.79	0	3,876.92	0	3,623.34	0	3,283.31	0	2,918.22
1/4		1/4		1/4		1/4	4,630.15	1/4	4,377.38	1/4	4,124.52	1/4	3,871.65	1/4	3,617.78	1/4	3,275.70	1/4	2,910.62
1/2		1/2		1/2		1/2	4,624.98	1/2	4,372.11	1/2	4,119.25	1/2	3,866.38	1/2	3,612.22	1/2	3,268.09	1/2	2,903.01
3/4		3/4		3/4		3/4	4,619.71	3/4	4,366.84	3/4	4,113.98	3/4	3,861.11	3/4	3,606.34	3/4	3,260.49	3/4	2,895.40
1		1		1		1	4,614.44	1	4,361.58	1	4,108.72	1	3,855.85	1	3,600.46	1	3,252.88	1	2,887.80
1/4		1/4		1/4		1/4	4,609.17	1/4	4,356.31	1/4	4,103.45	1/4	3,850.58	1/4	3,594.57	1/4	3,245.28	1/4	2,880.19
1/2		1/2		1/2		1/2	4,603.90	1/2	4,351.04	1/2	4,098.18	1/2	3,845.31	1/2	3,588.69	1/2	3,237.67	1/2	2,872.58
3/4		3/4		3/4		3/4	4,598.63	3/4	4,345.77	3/4	4,092.91	3/4	3,840.04	3/4	3,582.46	3/4	3,230.07	3/4	2,864.98
2		2		2		2	4,593.37	2	4,340.51	2	4,087.64	2	3,834.78	2	3,576.24	2	3,222.46	2	2,857.37
1/4		1/4		1/4		1/4	4,588.10	1/4	4,335.24	1/4	4,082.37	1/4	3,829.51	1/4	3,570.01	1/4	3,214.86	1/4	2,849.77
1/2		1/2		1/2		1/2	4,582.83	1/2	4,329.97	1/2	4,077.10	1/2	3,824.24	1/2	3,563.78	1/2	3,207.25	1/2	2,842.16
3/4		3/4		3/4		3/4	4,577.56	3/4	4,324.70	3/4	4,071.83	3/4	3,818.97	3/4	3,557.21	3/4	3,199.64	3/4	2,834.55
3		3		3		3	4,572.30	3	4,319.44	3	4,066.57	3	3,813.71	3	3,550.63	3	3,192.04	3	2,826.95
1/4		1/4		1/4		1/4	4,567.03	1/4	4,314.17	1/4	4,061.30	1/4	3,808.44	1/4	3,544.06	1/4	3,184.43	1/4	2,819.34
1/2		1/2		1/2		1/2	4,561.76	1/2	4,308.90	1/2	4,056.03	1/2	3,803.17	1/2	3,537.48	1/2	3,176.82	1/2	2,811.73
3/4		3/4		3/4		3/4	4,556.49	3/4	4,303.63	3/4	4,050.76	3/4	3,797.90	3/4	3,530.56	3/4	3,169.22	3/4	2,804.13
4		4		4		4	4,551.23	4	4,298.36	4	4,045.50	4	3,792.64	4	3,523.64	4	3,161.61	4	2,796.52
1/4		1/4		1/4		1/4	4,545.96	1/4	4,293.09	1/4	4,040.23	1/4	3,787.37	1/4	3,516.72	1/4	3,154.01	1/4	2,788.92
1/2		1/2		1/2		1/2	4,540.69	1/2	4,287.82	1/2	4,034.96	1/2	3,782.10	1/2	3,509.80	1/2	3,146.40	1/2	2,781.31
3/4		3/4		3/4		3/4	4,535.42	3/4	4,282.55	3/4	4,029.69	3/4	3,776.83	3/4	3,502.53	3/4	3,138.79	3/4	2,773.71
5		5		5	4,711.99	5	4,530.16	5	4,277.29	5	4,024.43	5	3,771.56	5	3,495.27	5	3,131.19	5	2,766.10
1/4		1/4		1/4	4,711.70	1/4	4,524.89	1/4	4,272.02	1/4	4,019.16	1/4	3,766.29	1/4	3,488.00	1/4	3,123.58	1/4	2,758.50
1/2		1/2		1/2	4,711.41	1/2	4,519.62	1/2	4,266.75	1/2	4,013.89	1/2	3,761.02	1/2	3,480.73	1/2	3,115.97	1/2	2,750.89
3/4		3/4		3/4	4,710.61	3/4	4,514.35	3/4	4,261.48	3/4	4,008.62	3/4	3,755.75	3/4	3,473.21	3/4	3,108.37	3/4	2,743.28
6		6		6	4,709.80	6	4,509.08	6	4,256.22	6	4,003.36	6	3,750.49	6	3,465.69	6	3,100.76	6	2,735.68
1/4		1/4		1/4	4,709.00	1/4	4,503.81	1/4	4,250.95	1/4	3,998.09	1/4	3,745.22	1/4	3,458.16	1/4	3,093.16	1/4	2,728.07
1/2		1/2		1/2	4,708.19	1/2	4,498.54	1/2	4,245.68	1/2	3,992.82	1/2	3,739.95	1/2	3,450.64	1/2	3,085.55	1/2	2,720.46
3/4		3/4		3/4	4,706.63	3/4	4,493.27	3/4	4,240.41	3/4	3,987.55	3/4	3,734.68	3/4	3,443.03	3/4	3,077.95	3/4	2,712.86
7		7		7	4,705.07	7	4,488.01	7	4,235.15	7	3,982.28	7	3,729.42	7	3,435.43	7	3,070.34	7	2,705.25
1/4		1/4		1/4	4,703.51	1/4	4,482.74	1/4	4,229.88	1/4	3,977.01	1/4	3,724.15	1/4	3,427.82	1/4	3,062.74	1/4	2,697.65
1/2		1/2		1/2	4,701.95	1/2	4,477.47	1/2	4,224.61	1/2	3,971.74	1/2	3,718.88	1/2	3,420.21	1/2	3,055.13	1/2	2,690.04
3/4		3/4		3/4	4,699.61	3/4	4,472.20	3/4	4,219.34	3/4	3,966.47	3/4	3,713.61	3/4	3,412.61	3/4	3,047.52	3/4	2,682.43
8		8		8	4,697.26	8	4,466.94	8	4,214.08	8	3,961.21	8	3,708.35	8	3,405.00	8	3,039.92	8	2,674.83
1/4		1/4		1/4	4,694.92	1/4	4,461.67	1/4	4,208.81	1/4	3,955.94	1/4	3,703.08	1/4	3,397.40	1/4	3,032.31	1/4	2,667.22
1/2		1/2		1/2	4,692.57	1/2	4,456.40	1/2	4,203.54	1/2	3,950.67	1/2	3,697.81	1/2	3,389.79	1/2	3,024.70	1/2	2,659.61
3/4		3/4		3/4	4,689.44	3/4	4,451.13	3/4	4,198.27	3/4	3,945.40	3/4	3,692.54	3/4	3,382.19	3/4	3,017.10	3/4	2,652.01
9		9		9	4,686.32	9	4,445.87	9	4,193.00	9	3,940.14	9	3,687.28	9	3,374.58	9	3,009.49	9	2,644.40
1/4		1/4		1/4	4,683.19	1/4	4,440.60	1/4	4,187.73	1/4	3,934.87	1/4	3,682.01	1/4	3,366.98	1/4	3,001.89	1/4	2,636.80
1/2		1/2		1/2	4,680.06	1/2	4,435.33	1/2	4,182.46	1/2	3,929.60	1/2	3,676.74	1/2	3,359.37	1/2	2,994.28	1/2	2,629.19
3/4		3/4		3/4	4,676.15	3/4	4,430.06	3/4	4,177.19	3/4	3,924.33	3/4	3,671.47	3/4	3,351.76	3/4	2,986.67	3/4	2,621.59
10		10		10	4,672.25	10	4,424.80	10	4,171.93	10	3,919.07	10	3,666.20	10	3,344.16	10	2,979.07	10	2,613.98
1/4		1/4		1/4	4,668.34	1/4	4,419.53	1/4	4,166.66	1/4	3,913.80	1/4	3,660.93	1/4	3,336.55	1/4	2,971.46	1/4	2,606.38
1/2		1/2		1/2	4,664.43	1/2	4,414.26	1/2	4,161.39	1/2	3,908.53	1/2	3,655.66	1/2	3,328.94	1/2	2,963.85	1/2	2,598.77
3/4		3/4		3/4	4,659.74	3/4	4,408.99	3/4	4,156.12	3/4	3,903.26	3/4	3,650.36	3/4	3,321.34	3/4	2,956.25	3/4	2,591.16
11		11		11	4,655.05	11	4,403.72	11	4,150.86	11	3,898.00	11	3,645.06	11	3,313.73	11	2,948.64	11	2,583.56
1/4		1/4		1/4	4,650.36	1/4	4,398.45	1/4	4,145.59	1/4	3,892.73	1/4	3,639.75	1/4	3,306.13	1/4	2,941.04	1/4	2,575.95
1/2		1/2		1/2	4,645.67	1/2	4,393.18	1/2	4,140.32	1/2	3,887.46	1/2	3,634.45	1/2	3,298.52	1/2	2,933.43	1/2	2,568.34
3/4		3/4		3/4	4,640.50	3/4	4,387.91	3/4	4,135.05	3/4	3,882.19	3/4	3,628.89	3/4	3,290.91	3/4	2,925.83	3/4	2,560.74

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" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "MMI 3043"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,553.13	0	2,188.04	0	1,822.95	0	1,457.86	0	1,092.78	0	729.99	0	365.45	0		0		0	
1/4	2,545.53	1/4	2,180.44	1/4	1,815.35	1/4	1,450.26	1/4	1,085.17	1/4	722.44	1/4	357.85	1/4	1/4	1/4		1/4	
1/2	2,537.92	1/2	2,172.83	1/2	1,807.74	1/2	1,442.65	1/2	1,077.57	1/2	714.89	1/2	350.25	1/2	1/2	1/2		1/2	
3/4	2,530.31	3/4	2,165.23	3/4	1,800.13	3/4	1,435.04	3/4	1,069.96	3/4	707.34	3/4	342.65	3/4	3/4	3/4		3/4	
1	2,522.71	1	2,157.62	1	1,792.53	1	1,427.44	1	1,062.35	1	699.79	1	335.04	1		1		1	
1/4	2,515.10	1/4	2,150.02	1/4	1,784.92	1/4	1,419.83	1/4	1,054.75	1/4	692.24	1/4	327.44	1/4	1/4	1/4		1/4	
1/2	2,507.49	1/2	2,142.41	1/2	1,777.32	1/2	1,412.23	1/2	1,047.14	1/2	684.69	1/2	319.84	1/2	1/2	1/2		1/2	
3/4	2,499.89	3/4	2,134.80	3/4	1,769.71	3/4	1,404.62	3/4	1,039.58	3/4	677.10	3/4	312.24	3/4	3/4	3/4		3/4	
2	2,492.28	2	2,127.20	2	1,762.10	2	1,397.02	2	1,032.01	2	669.51	2	304.63	2		2		2	
1/4	2,484.68	1/4	2,119.59	1/4	1,754.50	1/4	1,389.41	1/4	1,024.45	1/4	661.92	1/4	297.03	1/4	1/4	1/4		1/4	
1/2	2,477.07	1/2	2,111.98	1/2	1,746.89	1/2	1,381.81	1/2	1,016.89	1/2	654.33	1/2	289.43	1/2	1/2	1/2		1/2	
3/4	2,469.47	3/4	2,104.38	3/4	1,739.28	3/4	1,374.20	3/4	1,009.34	3/4	646.73	3/4	281.83	3/4	3/4	3/4		3/4	
3	2,461.86	3	2,096.77	3	1,731.68	3	1,366.59	3	1,001.79	3	639.12	3	274.23	3		3		3	
1/4	2,454.26	1/4	2,089.17	1/4	1,724.07	1/4	1,358.99	1/4	994.24	1/4	631.52	1/4	266.63	1/4	1/4	1/4		1/4	
1/2	2,446.65	1/2	2,081.56	1/2	1,716.47	1/2	1,351.38	1/2	986.69	1/2	623.92	1/2	259.03	1/2	1/2	1/2		1/2	
3/4	2,439.04	3/4	2,073.95	3/4	1,708.86	3/4	1,343.77	3/4	979.14	3/4	616.32	3/4	251.43	3/4	3/4	3/4		3/4	
4	2,431.44	4	2,066.35	4	1,701.26	4	1,336.17	4	971.59	4	608.71	4	243.82	4		4		4	
1/4	2,423.83	1/4	2,058.74	1/4	1,693.65	1/4	1,328.56	1/4	964.04	1/4	601.11	1/4	236.22	1/4	1/4	1/4		1/4	
1/2	2,416.22	1/2	2,051.13	1/2	1,686.05	1/2	1,320.96	1/2	956.49	1/2	593.51	1/2	228.62	1/2	1/2	1/2		1/2	
3/4	2,408.62	3/4	2,043.53	3/4	1,678.44	3/4	1,313.35	3/4	948.94	3/4	585.91	3/4	221.02	3/4	3/4	3/4		3/4	
5	2,401.01	5	2,035.92	5	1,670.83	5	1,305.74	5	941.39	5	578.31	5	213.41	5		5		5	
1/4	2,393.41	1/4	2,028.32	1/4	1,663.23	1/4	1,298.14	1/4	933.84	1/4	570.71	1/4	205.81	1/4	1/4	1/4		1/4	
1/2	2,385.80	1/2	2,020.71	1/2	1,655.62	1/2	1,290.53	1/2	926.29	1/2	563.11	1/2	198.21	1/2	1/2	1/2		1/2	
3/4	2,378.19	3/4	2,013.11	3/4	1,648.01	3/4	1,282.92	3/4	918.74	3/4	555.51	3/4	190.61	3/4	3/4	3/4		3/4	
6	2,370.59	6	2,005.50	6	1,640.41	6	1,275.32	6	911.19	6	547.90	6	183.00	6		6		6	
1/4	2,362.98	1/4	1,997.90	1/4	1,632.80	1/4	1,267.71	1/4	903.64	1/4	540.30	1/4	175.40	1/4	1/4	1/4		1/4	
1/2	2,355.37	1/2	1,990.29	1/2	1,625.20	1/2	1,260.11	1/2	896.09	1/2	532.70	1/2	167.80	1/2	1/2	1/2		1/2	
3/4	2,347.77	3/4	1,982.68	3/4	1,617.59	3/4	1,252.50	3/4	888.54	3/4	525.10	3/4	160.20	3/4	3/4	3/4		3/4	
7	2,340.16	7	1,975.08	7	1,609.98	7	1,244.90	7	880.99	7	517.49	7	152.59	7		7		7	
1/4	2,332.56	1/4	1,967.47	1/4	1,602.38	1/4	1,237.29	1/4	873.44	1/4	509.89	1/4	144.99	1/4	1/4	1/4		1/4	
1/2	2,324.95	1/2	1,959.86	1/2	1,594.77	1/2	1,229.69	1/2	865.89	1/2	502.29	1/2	137.39	1/2	1/2	1/2		1/2	
3/4	2,317.35	3/4	1,952.26	3/4	1,587.16	3/4	1,222.08	3/4	858.34	3/4	494.69	3/4	129.79	3/4	3/4	3/4		3/4	
8	2,309.74	8	1,944.65	8	1,579.56	8	1,214.47	8	850.79	8	487.08	8	122.19	8		8		8	
1/4	2,302.14	1/4	1,937.05	1/4	1,571.95	1/4	1,206.87	1/4	843.24	1/4	479.48	1/4	114.59	1/4	1/4	1/4		1/4	
1/2	2,294.53	1/2	1,929.44	1/2	1,564.35	1/2	1,199.26	1/2	835.69	1/2	471.88	1/2	106.99	1/2	1/2	1/2		1/2	
3/4	2,286.92	3/4	1,921.83	3/4	1,556.74	3/4	1,191.65	3/4	828.14	3/4	464.28	3/4	99.39	3/4	3/4	3/4		3/4	
9	2,279.32	9	1,914.22	9	1,549.14	9	1,184.05	9	820.59	9	456.67	9	91.78	9		9		9	
1/4	2,271.71	1/4	1,906.62	1/4	1,541.53	1/4	1,176.44	1/4	813.04	1/4	449.07	1/4	84.18	1/4	1/4	1/4		1/4	
1/2	2,264.10	1/2	1,899.01	1/2	1,533.93	1/2	1,168.84	1/2	805.49	1/2	441.47	1/2	76.58	1/2	1/2	1/2		1/2	
3/4	2,256.50	3/4	1,891.40	3/4	1,526.32	3/4	1,161.23	3/4	797.94	3/4	433.87	3/4	69.11	3/4	3/4	3/4		3/4	
10	2,248.89	10	1,883.80	10	1,518.71	10	1,153.62	10	790.39	10	426.27	10	61.64	10		10		10	
1/4	2,241.29	1/4	1,876.19	1/4	1,511.11	1/4	1,146.02	1/4	782.84	1/4	418.67	1/4	54.18	1/4	1/4	1/4		1/4	
1/2	2,233.68	1/2	1,868.59	1/2	1,503.50	1/2	1,138.41	1/2	775.29	1/2	411.07	1/2	46.71	1/2	1/2	1/2		1/2	
3/4	2,226.07	3/4	1,860.98	3/4	1,495.89	3/4	1,130.80	3/4	767.74	3/4	403.47	3/4	40.87	3/4	3/4	3/4		3/4	
11	2,218.47	11	1,853.38	11	1,488.29	11	1,123.20	11	760.19	11	395.86	11	35.04	11		11		11	
1/4	2,210.86	1/4	1,845.77	1/4	1,480.68	1/4	1,115.59	1/4	752.64	1/4	388.26	1/4	29.21	1/4	1/4	1/4		1/4	
1/2	2,203.25	1/2	1,838.17	1/2	1,473.08	1/2	1,107.99	1/2	745.09	1/2	380.66	1/2		1/2	1/2	1/2		1/2	
3/4	2,195.65	3/4	1,830.56	3/4	1,465.47	3/4	1,100.38	3/4	737.54	3/4	373.06	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/2004 INSP.  
RECALCULATED: 12/26/2018  
VERIFIED: 01/10/2024 JS

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024



# BARGE "MMI 3043"

## 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	451	0	903	0	1,354	0	1,805	0		0		0		0		0	
1/4	9	1/4	461	1/4	912	1/4	1,363	1/4	1,815	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	470	1/2	921	1/2	1,373	1/2	1,824	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	480	3/4	931	3/4	1,382	3/4	1,834	3/4		3/4		3/4		3/4		3/4	
1	38	1	489	1	940	1	1,392	1	1,843	1		1		1		1		1	
1/4	47	1/4	498	1/4	950	1/4	1,401	1/4	1,852	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	508	1/2	959	1/2	1,410	1/2	1,862	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	517	3/4	968	3/4	1,420	3/4	1,871	3/4		3/4		3/4		3/4		3/4	
2	75	2	527	2	978	2	1,429	2	1,881	2		2		2		2		2	
1/4	85	1/4	536	1/4	987	1/4	1,439	1/4	1,890	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	545	1/2	997	1/2	1,448	1/2	1,899	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	555	3/4	1,006	3/4	1,457	3/4	1,909	3/4		3/4		3/4		3/4		3/4	
3	113	3	564	3	1,015	3	1,467	3	1,918	3		3		3		3		3	
1/4	122	1/4	574	1/4	1,025	1/4	1,476	1/4	1,928	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	583	1/2	1,034	1/2	1,486	1/2	1,937	1/2		1/2		1/2		1/2		1/2	
3/4	141	3/4	592	3/4	1,044	3/4	1,495	3/4	1,946	3/4		3/4		3/4		3/4		3/4	
4	150	4	602	4	1,053	4	1,504	4	1,956	4		4		4		4		4	
1/4	160	1/4	611	1/4	1,062	1/4	1,514	1/4	1,965	1/4		1/4		1/4		1/4		1/4	
1/2	169	1/2	621	1/2	1,072	1/2	1,523	1/2	1,975	1/2		1/2		1/2		1/2		1/2	
3/4	179	3/4	630	3/4	1,081	3/4	1,533	3/4	1,984	3/4		3/4		3/4		3/4		3/4	
5	188	5	639	5	1,091	5	1,542	5	1,993	5		5		5		5		5	
1/4	197	1/4	649	1/4	1,100	1/4	1,551	1/4	2,003	1/4		1/4		1/4		1/4		1/4	
1/2	207	1/2	658	1/2	1,110	1/2	1,561	1/2	2,012	1/2		1/2		1/2		1/2		1/2	
3/4	216	3/4	668	3/4	1,119	3/4	1,570	3/4	2,022	3/4		3/4		3/4		3/4		3/4	
6	226	6	677	6	1,128	6	1,580	6	2,031	6		6		6		6		6	
1/4	235	1/4	686	1/4	1,138	1/4	1,589	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	244	1/2	696	1/2	1,147	1/2	1,598	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	254	3/4	705	3/4	1,157	3/4	1,608	3/4		3/4		3/4		3/4		3/4		3/4	
7	263	7	715	7	1,166	7	1,617	7		7		7		7		7		7	
1/4	273	1/4	724	1/4	1,175	1/4	1,627	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	282	1/2	733	1/2	1,185	1/2	1,636	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	291	3/4	743	3/4	1,194	3/4	1,645	3/4		3/4		3/4		3/4		3/4		3/4	
8	301	8	752	8	1,204	8	1,655	8		8		8		8		8		8	
1/4	310	1/4	762	1/4	1,213	1/4	1,664	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	320	1/2	771	1/2	1,222	1/2	1,674	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	329	3/4	780	3/4	1,232	3/4	1,683	3/4		3/4		3/4		3/4		3/4		3/4	
9	338	9	790	9	1,241	9	1,692	9		9		9		9		9		9	
1/4	348	1/4	799	1/4	1,251	1/4	1,702	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	357	1/2	809	1/2	1,260	1/2	1,711	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	367	3/4	818	3/4	1,269	3/4	1,721	3/4		3/4		3/4		3/4		3/4		3/4	
10	376	10	827	10	1,279	10	1,730	10		10		10		10		10		10	
1/4	386	1/4	837	1/4	1,288	1/4	1,739	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	395	1/2	846	1/2	1,298	1/2	1,749	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	404	3/4	856	3/4	1,307	3/4	1,758	3/4		3/4		3/4		3/4		3/4		3/4	
11	414	11	865	11	1,316	11	1,768	11		11		11		11		11		11	
1/4	423	1/4	874	1/4	1,326	1/4	1,777	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	433	1/2	884	1/2	1,335	1/2	1,786	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	442	3/4	893	3/4	1,345	3/4	1,796	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: 01/11/2024 JS  
CALCULATED: 01/12/2024 CL  
PRINTED: 01/12/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

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 3043"

## 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	451	0	903	0	1,354	0	1,805	0		0		0		0		0	
1/4	9	1/4	461	1/4	912	1/4	1,363	1/4	1,815	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	470	1/2	921	1/2	1,373	1/2	1,824	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	480	3/4	931	3/4	1,382	3/4	1,834	3/4		3/4		3/4		3/4		3/4	
1	38	1	489	1	940	1	1,392	1	1,843	1		1		1		1		1	
1/4	47	1/4	498	1/4	950	1/4	1,401	1/4	1,852	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	508	1/2	959	1/2	1,410	1/2	1,862	1/2		1/2		1/2		1/2		1/2	
3/4	66	3/4	517	3/4	968	3/4	1,420	3/4	1,871	3/4		3/4		3/4		3/4		3/4	
2	75	2	527	2	978	2	1,429	2	1,881	2		2		2		2		2	
1/4	85	1/4	536	1/4	987	1/4	1,439	1/4	1,890	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	545	1/2	997	1/2	1,448	1/2	1,899	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	555	3/4	1,006	3/4	1,457	3/4	1,909	3/4		3/4		3/4		3/4		3/4	
3	113	3	564	3	1,015	3	1,467	3	1,918	3		3		3		3		3	
1/4	122	1/4	574	1/4	1,025	1/4	1,476	1/4	1,928	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	583	1/2	1,034	1/2	1,486	1/2	1,937	1/2		1/2		1/2		1/2		1/2	
3/4	141	3/4	592	3/4	1,044	3/4	1,495	3/4	1,946	3/4		3/4		3/4		3/4		3/4	
4	150	4	602	4	1,053	4	1,504	4	1,956	4		4		4		4		4	
1/4	160	1/4	611	1/4	1,062	1/4	1,514	1/4	1,965	1/4		1/4		1/4		1/4		1/4	
1/2	169	1/2	621	1/2	1,072	1/2	1,523	1/2	1,975	1/2		1/2		1/2		1/2		1/2	
3/4	179	3/4	630	3/4	1,081	3/4	1,533	3/4	1,984	3/4		3/4		3/4		3/4		3/4	
5	188	5	639	5	1,091	5	1,542	5	1,993	5		5		5		5		5	
1/4	197	1/4	649	1/4	1,100	1/4	1,551	1/4	2,003	1/4		1/4		1/4		1/4		1/4	
1/2	207	1/2	658	1/2	1,110	1/2	1,561	1/2	2,012	1/2		1/2		1/2		1/2		1/2	
3/4	216	3/4	668	3/4	1,119	3/4	1,570	3/4	2,022	3/4		3/4		3/4		3/4		3/4	
6	226	6	677	6	1,128	6	1,580	6	2,031	6		6		6		6		6	
1/4	235	1/4	686	1/4	1,138	1/4	1,589	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	244	1/2	696	1/2	1,147	1/2	1,598	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	254	3/4	705	3/4	1,157	3/4	1,608	3/4		3/4		3/4		3/4		3/4		3/4	
7	263	7	715	7	1,166	7	1,617	7		7		7		7		7		7	
1/4	273	1/4	724	1/4	1,175	1/4	1,627	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	282	1/2	733	1/2	1,185	1/2	1,636	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	291	3/4	743	3/4	1,194	3/4	1,645	3/4		3/4		3/4		3/4		3/4		3/4	
8	301	8	752	8	1,204	8	1,655	8		8		8		8		8		8	
1/4	310	1/4	762	1/4	1,213	1/4	1,664	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	320	1/2	771	1/2	1,222	1/2	1,674	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	329	3/4	780	3/4	1,232	3/4	1,683	3/4		3/4		3/4		3/4		3/4		3/4	
9	338	9	790	9	1,241	9	1,692	9		9		9		9		9		9	
1/4	348	1/4	799	1/4	1,251	1/4	1,702	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	357	1/2	809	1/2	1,260	1/2	1,711	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	367	3/4	818	3/4	1,269	3/4	1,721	3/4		3/4		3/4		3/4		3/4		3/4	
10	376	10	827	10	1,279	10	1,730	10		10		10		10		10		10	
1/4	386	1/4	837	1/4	1,288	1/4	1,739	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	395	1/2	846	1/2	1,298	1/2	1,749	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	404	3/4	856	3/4	1,307	3/4	1,758	3/4		3/4		3/4		3/4		3/4		3/4	
11	414	11	865	11	1,316	11	1,768	11		11		11		11		11		11	
1/4	423	1/4	874	1/4	1,326	1/4	1,777	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	433	1/2	884	1/2	1,335	1/2	1,786	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	442	3/4	893	3/4	1,345	3/4	1,796	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: 01/11/2024 JS  
CALCULATED: 01/12/2024 CL  
PRINTED: 01/12/2024 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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