



# BARGE "MMI 2801"

## 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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
1 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8
2 PORT	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8
2 STBD	00-1/8	- 00-1/8	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8
3 PORT	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-1/4	01-1/4
3 STBD	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-1/4	01-1/4

(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 - 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

September 28, 2023

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "MMI 2801"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	3,917.49	0	3,606.45	0	3,295.41	0	2,984.37	0	2,673.33	0	2,362.29
1/4		1/4		1/4		1/4		1/4	3,911.01	1/4	3,599.97	1/4	3,288.93	1/4	2,977.89	1/4	2,666.85	1/4	2,355.81
1/2		1/2		1/2		1/2		1/2	3,904.53	1/2	3,593.49	1/2	3,282.45	1/2	2,971.41	1/2	2,660.37	1/2	2,349.33
3/4		3/4		3/4		3/4		3/4	4,197.21	3/4	3,898.05	3/4	3,587.01	3/4	3,275.97	3/4	2,964.93	3/4	2,653.89
1		1		1		1		1	4,193.16	1	3,891.57	1	3,580.53	1	3,269.49	1	2,958.45	1	2,647.41
1/4		1/4		1/4		1/4		1/4	4,189.11	1/4	3,885.09	1/4	3,574.05	1/4	3,263.01	1/4	2,951.97	1/4	2,640.93
1/2		1/2		1/2		1/2		1/2	4,183.98	1/2	3,878.61	1/2	3,567.57	1/2	3,256.53	1/2	2,945.49	1/2	2,634.45
3/4		3/4		3/4		3/4		3/4	4,178.85	3/4	3,872.13	3/4	3,561.09	3/4	3,250.05	3/4	2,939.01	3/4	2,627.97
2		2		2		2		2	4,173.72	2	3,865.65	2	3,554.61	2	3,243.57	2	2,932.53	2	2,621.49
1/4		1/4		1/4		1/4		1/4	4,168.59	1/4	3,859.17	1/4	3,548.13	1/4	3,237.09	1/4	2,926.05	1/4	2,615.01
1/2		1/2		1/2		1/2		1/2	4,162.52	1/2	3,852.69	1/2	3,541.65	1/2	3,230.61	1/2	2,919.57	1/2	2,608.53
3/4		3/4		3/4		3/4		3/4	4,156.44	3/4	3,846.21	3/4	3,535.17	3/4	3,224.13	3/4	2,913.09	3/4	2,602.05
3		3		3		3		3	4,150.37	3	3,839.73	3	3,528.69	3	3,217.65	3	2,906.61	3	2,595.57
1/4		1/4		1/4		1/4		1/4	4,144.29	1/4	3,833.25	1/4	3,522.21	1/4	3,211.17	1/4	2,900.13	1/4	2,589.09
1/2		1/2		1/2		1/2		1/2	4,137.81	1/2	3,826.77	1/2	3,515.73	1/2	3,204.69	1/2	2,893.65	1/2	2,582.61
3/4		3/4		3/4		3/4		3/4	4,131.33	3/4	3,820.29	3/4	3,509.25	3/4	3,198.21	3/4	2,887.17	3/4	2,576.13
4		4		4		4		4	4,124.85	4	3,813.81	4	3,502.77	4	3,191.73	4	2,880.69	4	2,569.65
1/4		1/4		1/4		1/4		1/4	4,118.37	1/4	3,807.33	1/4	3,496.29	1/4	3,185.25	1/4	2,874.21	1/4	2,563.17
1/2		1/2		1/2		1/2		1/2	4,111.89	1/2	3,800.85	1/2	3,489.81	1/2	3,178.77	1/2	2,867.73	1/2	2,556.69
3/4		3/4		3/4		3/4		3/4	4,105.41	3/4	3,794.37	3/4	3,483.33	3/4	3,172.29	3/4	2,861.25	3/4	2,550.21
5		5		5		5		5	4,098.93	5	3,787.89	5	3,476.85	5	3,165.81	5	2,854.77	5	2,543.73
1/4		1/4		1/4		1/4		1/4	4,092.45	1/4	3,781.41	1/4	3,470.37	1/4	3,159.33	1/4	2,848.29	1/4	2,537.25
1/2		1/2		1/2		1/2		1/2	4,085.97	1/2	3,774.93	1/2	3,463.89	1/2	3,152.85	1/2	2,841.81	1/2	2,530.77
3/4		3/4		3/4		3/4		3/4	4,079.49	3/4	3,768.45	3/4	3,457.41	3/4	3,146.37	3/4	2,835.33	3/4	2,524.29
6		6		6		6		6	4,073.01	6	3,761.97	6	3,450.93	6	3,139.89	6	2,828.85	6	2,517.81
1/4		1/4		1/4		1/4		1/4	4,066.53	1/4	3,755.49	1/4	3,444.45	1/4	3,133.41	1/4	2,822.37	1/4	2,511.33
1/2		1/2		1/2		1/2		1/2	4,060.05	1/2	3,749.01	1/2	3,437.97	1/2	3,126.93	1/2	2,815.89	1/2	2,504.85
3/4		3/4		3/4		3/4		3/4	4,053.57	3/4	3,742.53	3/4	3,431.49	3/4	3,120.45	3/4	2,809.41	3/4	2,498.37
7		7		7		7		7	4,047.09	7	3,736.05	7	3,425.01	7	3,113.97	7	2,802.93	7	2,491.89
1/4		1/4		1/4		1/4		1/4	4,040.61	1/4	3,729.57	1/4	3,418.53	1/4	3,107.49	1/4	2,796.45	1/4	2,485.41
1/2		1/2		1/2		1/2		1/2	4,034.13	1/2	3,723.09	1/2	3,412.05	1/2	3,101.01	1/2	2,789.97	1/2	2,478.93
3/4		3/4		3/4		3/4		3/4	4,027.65	3/4	3,716.61	3/4	3,405.57	3/4	3,094.53	3/4	2,783.49	3/4	2,472.45
8		8		8		8		8	4,021.17	8	3,710.13	8	3,399.09	8	3,088.05	8	2,777.01	8	2,465.97
1/4		1/4		1/4		1/4		1/4	4,014.69	1/4	3,703.65	1/4	3,392.61	1/4	3,081.57	1/4	2,770.53	1/4	2,459.49
1/2		1/2		1/2		1/2		1/2	4,008.21	1/2	3,697.17	1/2	3,386.13	1/2	3,075.09	1/2	2,764.05	1/2	2,453.01
3/4		3/4		3/4		3/4		3/4	4,001.73	3/4	3,690.69	3/4	3,379.65	3/4	3,068.61	3/4	2,757.57	3/4	2,446.53
9		9		9		9		9	3,995.25	9	3,684.21	9	3,373.17	9	3,062.13	9	2,751.09	9	2,440.05
1/4		1/4		1/4		1/4		1/4	3,988.77	1/4	3,677.73	1/4	3,366.69	1/4	3,055.65	1/4	2,744.61	1/4	2,433.57
1/2		1/2		1/2		1/2		1/2	3,982.29	1/2	3,671.25	1/2	3,360.21	1/2	3,049.17	1/2	2,738.13	1/2	2,427.09
3/4		3/4		3/4		3/4		3/4	3,975.81	3/4	3,664.77	3/4	3,353.73	3/4	3,042.69	3/4	2,731.65	3/4	2,420.61
10		10		10		10		10	3,969.33	10	3,658.29	10	3,347.25	10	3,036.21	10	2,725.17	10	2,414.13
1/4		1/4		1/4		1/4		1/4	3,962.85	1/4	3,651.81	1/4	3,340.77	1/4	3,029.73	1/4	2,718.69	1/4	2,407.65
1/2		1/2		1/2		1/2		1/2	3,956.37	1/2	3,645.33	1/2	3,334.29	1/2	3,023.25	1/2	2,712.21	1/2	2,401.17
3/4		3/4		3/4		3/4		3/4	3,949.89	3/4	3,638.85	3/4	3,327.81	3/4	3,016.77	3/4	2,705.73	3/4	2,394.69
11		11		11		11		11	3,943.41	11	3,632.37	11	3,321.33	11	3,010.29	11	2,699.25	11	2,388.21
1/4		1/4		1/4		1/4		1/4	3,936.93	1/4	3,625.89	1/4	3,314.85	1/4	3,003.81	1/4	2,692.77	1/4	2,381.73
1/2		1/2		1/2		1/2		1/2	3,930.45	1/2	3,619.41	1/2	3,308.37	1/2	2,997.33	1/2	2,686.29	1/2	2,375.25
3/4		3/4		3/4		3/4		3/4	3,923.97	3/4	3,612.93	3/4	3,301.89	3/4	2,990.85	3/4	2,679.81	3/4	2,368.77

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 11'-03" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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# BARGE "MMI 2801"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,051.25	0	1,740.21	0	1,429.17	0	1,118.21	0	809.74	0	498.73	0	201.16	0		0		0	
1/4	2,044.77	1/4	1,733.73	1/4	1,422.69	1/4	1,111.76	1/4	803.29	1/4	492.25	1/4	195.47	1/4	1/4	1/4		1/4	
1/2	2,038.29	1/2	1,727.25	1/2	1,416.21	1/2	1,105.33	1/2	796.81	1/2	485.77	1/2	189.87	1/2	1/2	1/2		1/2	
3/4	2,031.81	3/4	1,720.77	3/4	1,409.73	3/4	1,098.91	3/4	790.33	3/4	479.29	3/4	184.27	3/4	3/4	3/4		3/4	
1	2,025.33	1	1,714.29	1	1,403.25	1	1,092.48	1	783.85	1	472.81	1	178.67	1	1	1		1	
1/4	2,018.85	1/4	1,707.81	1/4	1,396.77	1/4	1,086.06	1/4	777.37	1/4	466.33	1/4	173.07	1/4	1/4	1/4		1/4	
1/2	2,012.37	1/2	1,701.33	1/2	1,390.29	1/2	1,079.64	1/2	770.89	1/2	459.85	1/2	167.57	1/2	1/2	1/2		1/2	
3/4	2,005.89	3/4	1,694.85	3/4	1,383.81	3/4	1,073.21	3/4	764.41	3/4	453.37	3/4	162.06	3/4	3/4	3/4		3/4	
2	1,999.41	2	1,688.37	2	1,377.33	2	1,066.79	2	757.93	2	446.89	2	156.56	2	2	2		2	
1/4	1,992.93	1/4	1,681.89	1/4	1,370.85	1/4	1,060.37	1/4	751.45	1/4	440.41	1/4	151.06	1/4	1/4	1/4		1/4	
1/2	1,986.45	1/2	1,675.41	1/2	1,364.37	1/2	1,053.94	1/2	744.97	1/2	433.93	1/2	145.66	1/2	1/2	1/2		1/2	
3/4	1,979.97	3/4	1,668.93	3/4	1,357.89	3/4	1,047.52	3/4	738.49	3/4	427.45	3/4	140.25	3/4	3/4	3/4		3/4	
3	1,973.49	3	1,662.45	3	1,351.41	3	1,041.10	3	732.01	3	420.97	3	134.85	3	3	3		3	
1/4	1,967.01	1/4	1,655.97	1/4	1,344.93	1/4	1,034.67	1/4	725.53	1/4	414.49	1/4	129.45	1/4	1/4	1/4		1/4	
1/2	1,960.53	1/2	1,649.49	1/2	1,338.45	1/2	1,028.25	1/2	719.05	1/2	408.05	1/2	124.14	1/2	1/2	1/2		1/2	
3/4	1,954.05	3/4	1,643.01	3/4	1,331.97	3/4	1,021.82	3/4	712.57	3/4	401.62	3/4	118.84	3/4	3/4	3/4		3/4	
4	1,947.57	4	1,636.53	4	1,325.49	4	1,015.40	4	706.09	4	395.18	4	113.53	4	4	4		4	
1/4	1,941.09	1/4	1,630.05	1/4	1,319.01	1/4	1,008.97	1/4	699.61	1/4	388.75	1/4	108.23	1/4	1/4	1/4		1/4	
1/2	1,934.61	1/2	1,623.57	1/2	1,312.53	1/2	1,002.55	1/2	693.13	1/2	382.36	1/2	103.02	1/2	1/2	1/2		1/2	
3/4	1,928.13	3/4	1,617.09	3/4	1,306.05	3/4	996.12	3/4	686.65	3/4	375.97	3/4	97.81	3/4	3/4	3/4		3/4	
5	1,921.65	5	1,610.61	5	1,299.57	5	989.70	5	680.17	5	369.58	5	92.61	5	5	5		5	
1/4	1,915.17	1/4	1,604.13	1/4	1,293.09	1/4	983.28	1/4	673.69	1/4	363.19	1/4	87.40	1/4	1/4	1/4		1/4	
1/2	1,908.69	1/2	1,597.65	1/2	1,286.61	1/2	976.85	1/2	667.21	1/2	356.90	1/2	82.29	1/2	1/2	1/2		1/2	
3/4	1,902.21	3/4	1,591.17	3/4	1,280.13	3/4	970.43	3/4	660.73	3/4	350.61	3/4	77.18	3/4	3/4	3/4		3/4	
6	1,895.73	6	1,584.69	6	1,273.65	6	964.00	6	654.25	6	344.32	6	72.08	6	6	6		6	
1/4	1,889.25	1/4	1,578.21	1/4	1,267.17	1/4	957.58	1/4	647.77	1/4	338.03	1/4	66.97	1/4	1/4	1/4		1/4	
1/2	1,882.77	1/2	1,571.73	1/2	1,260.69	1/2	951.16	1/2	641.29	1/2	331.84	1/2	61.96	1/2	1/2	1/2		1/2	
3/4	1,876.29	3/4	1,565.25	3/4	1,254.21	3/4	944.73	3/4	634.81	3/4	325.64	3/4	56.95	3/4	3/4	3/4		3/4	
7	1,869.81	7	1,558.77	7	1,247.73	7	938.31	7	628.33	7	319.45	7	51.95	7	7	7		7	
1/4	1,863.33	1/4	1,552.29	1/4	1,241.25	1/4	931.89	1/4	621.85	1/4	313.26	1/4	46.94	1/4	1/4	1/4		1/4	
1/2	1,856.85	1/2	1,545.81	1/2	1,234.77	1/2	925.46	1/2	615.37	1/2	307.17	1/2	42.34	1/2	1/2	1/2		1/2	
3/4	1,850.37	3/4	1,539.33	3/4	1,228.29	3/4	919.04	3/4	608.89	3/4	301.07	3/4	37.74	3/4	3/4	3/4		3/4	
8	1,843.89	8	1,532.85	8	1,221.81	8	912.61	8	602.41	8	294.98	8	33.15	8	8	8		8	
1/4	1,837.41	1/4	1,526.37	1/4	1,215.33	1/4	906.19	1/4	595.93	1/4	288.89	1/4	28.55	1/4	1/4	1/4		1/4	
1/2	1,830.93	1/2	1,519.89	1/2	1,208.85	1/2	899.76	1/2	589.45	1/2	282.89	1/2	24.98	1/2	1/2	1/2		1/2	
3/4	1,824.45	3/4	1,513.41	3/4	1,202.37	3/4	893.34	3/4	582.97	3/4	276.89	3/4	21.41	3/4	3/4	3/4		3/4	
9	1,817.97	9	1,506.93	9	1,195.89	9	886.91	9	576.49	9	270.90	9	17.85	9	9	9		9	
1/4	1,811.49	1/4	1,500.45	1/4	1,189.41	1/4	880.49	1/4	570.01	1/4	264.90	1/4	14.28	1/4	1/4	1/4		1/4	
1/2	1,805.01	1/2	1,493.97	1/2	1,182.93	1/2	874.07	1/2	563.53	1/2	259.01	1/2	12.04	1/2	1/2	1/2		1/2	
3/4	1,798.53	3/4	1,487.49	3/4	1,176.45	3/4	867.64	3/4	557.05	3/4	253.12	3/4	9.80	3/4	3/4	3/4		3/4	
10	1,792.05	10	1,481.01	10	1,169.97	10	861.22	10	550.57	10	247.24	10		10	10	10		10	
1/4	1,785.57	1/4	1,474.53	1/4	1,163.49	1/4	854.80	1/4	544.09	1/4	241.35	1/4		1/4	1/4	1/4		1/4	
1/2	1,779.09	1/2	1,468.05	1/2	1,157.01	1/2	848.37	1/2	537.61	1/2	235.57	1/2		1/2	1/2	1/2		1/2	
3/4	1,772.61	3/4	1,461.57	3/4	1,150.53	3/4	841.95	3/4	531.13	3/4	229.79	3/4		3/4	3/4	3/4		3/4	
11	1,766.13	11	1,455.09	11	1,144.05	11	835.52	11	524.65	11	224.01	11		11	11	11		11	
1/4	1,759.65	1/4	1,448.61	1/4	1,137.57	1/4	829.10	1/4	518.17	1/4	218.23	1/4		1/4	1/4	1/4		1/4	
1/2	1,753.17	1/2	1,442.13	1/2	1,131.12	1/2	822.65	1/2	511.69	1/2	212.54	1/2		1/2	1/2	1/2		1/2	
3/4	1,746.69	3/4	1,435.65	3/4	1,124.66	3/4	816.19	3/4	505.21	3/4	206.85	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/04/2005 INSP.  
RECALCULATED: 10/21/2018  
VERIFIED: 09/28/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "MMI 2801"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	3,936.93	0	3,625.89	0	3,314.85	0	3,003.81	0	2,692.77	0	2,381.73
1/4		1/4		1/4		1/4		1/4	3,930.45	1/4	3,619.41	1/4	3,308.37	1/4	2,997.33	1/4	2,686.29	1/4	2,375.25
1/2		1/2		1/2		1/2		1/2	3,923.97	1/2	3,612.93	1/2	3,301.89	1/2	2,990.85	1/2	2,679.81	1/2	2,368.77
3/4		3/4		3/4		3/4		3/4	3,917.49	3/4	3,606.45	3/4	3,295.41	3/4	2,984.37	3/4	2,673.33	3/4	2,362.29
1		1		1		1		1	3,911.01	1	3,599.97	1	3,288.93	1	2,977.89	1	2,666.85	1	2,355.81
1/4		1/4		1/4		1/4		1/4	3,904.53	1/4	3,593.49	1/4	3,282.45	1/4	2,971.41	1/4	2,660.37	1/4	2,349.33
1/2		1/2		1/2		1/2		1/2	4,197.21	1/2	3,898.05	1/2	3,587.01	1/2	3,275.97	1/2	2,964.93	1/2	2,653.89
3/4		3/4		3/4		3/4		3/4	4,193.16	3/4	3,891.57	3/4	3,580.53	3/4	3,269.49	3/4	2,958.45	3/4	2,647.41
2		2		2		2		2	4,189.11	2	3,885.09	2	3,574.05	2	3,263.01	2	2,951.97	2	2,640.93
1/4		1/4		1/4		1/4		1/4	4,183.98	1/4	3,878.61	1/4	3,567.57	1/4	3,256.53	1/4	2,945.49	1/4	2,634.45
1/2		1/2		1/2		1/2		1/2	4,178.85	1/2	3,872.13	1/2	3,561.09	1/2	3,250.05	1/2	2,939.01	1/2	2,627.97
3/4		3/4		3/4		3/4		3/4	4,173.72	3/4	3,865.65	3/4	3,554.61	3/4	3,243.57	3/4	2,932.53	3/4	2,621.49
3		3		3		3		3	4,168.59	3	3,859.17	3	3,548.13	3	3,237.09	3	2,926.05	3	2,615.01
1/4		1/4		1/4		1/4		1/4	4,162.52	1/4	3,852.69	1/4	3,541.65	1/4	3,230.61	1/4	2,919.57	1/4	2,608.53
1/2		1/2		1/2		1/2		1/2	4,156.44	1/2	3,846.21	1/2	3,535.17	1/2	3,224.13	1/2	2,913.09	1/2	2,602.05
3/4		3/4		3/4		3/4		3/4	4,150.37	3/4	3,839.73	3/4	3,528.69	3/4	3,217.65	3/4	2,906.61	3/4	2,595.57
4		4		4		4		4	4,144.29	4	3,833.25	4	3,522.21	4	3,211.17	4	2,900.13	4	2,589.09
1/4		1/4		1/4		1/4		1/4	4,137.81	1/4	3,826.77	1/4	3,515.73	1/4	3,204.69	1/4	2,893.65	1/4	2,582.61
1/2		1/2		1/2		1/2		1/2	4,131.33	1/2	3,820.29	1/2	3,509.25	1/2	3,198.21	1/2	2,887.17	1/2	2,576.13
3/4		3/4		3/4		3/4		3/4	4,124.85	3/4	3,813.81	3/4	3,502.77	3/4	3,191.73	3/4	2,880.69	3/4	2,569.65
5		5		5		5		5	4,118.37	5	3,807.33	5	3,496.29	5	3,185.25	5	2,874.21	5	2,563.17
1/4		1/4		1/4		1/4		1/4	4,111.89	1/4	3,800.85	1/4	3,489.81	1/4	3,178.77	1/4	2,867.73	1/4	2,556.69
1/2		1/2		1/2		1/2		1/2	4,105.41	1/2	3,794.37	1/2	3,483.33	1/2	3,172.29	1/2	2,861.25	1/2	2,550.21
3/4		3/4		3/4		3/4		3/4	4,098.93	3/4	3,787.89	3/4	3,476.85	3/4	3,165.81	3/4	2,854.77	3/4	2,543.73
6		6		6		6		6	4,092.45	6	3,781.41	6	3,470.37	6	3,159.33	6	2,848.29	6	2,537.25
1/4		1/4		1/4		1/4		1/4	4,085.97	1/4	3,774.93	1/4	3,463.89	1/4	3,152.85	1/4	2,841.81	1/4	2,530.77
1/2		1/2		1/2		1/2		1/2	4,079.49	1/2	3,768.45	1/2	3,457.41	1/2	3,146.37	1/2	2,835.33	1/2	2,524.29
3/4		3/4		3/4		3/4		3/4	4,073.01	3/4	3,761.97	3/4	3,450.93	3/4	3,139.89	3/4	2,828.85	3/4	2,517.81
7		7		7		7		7	4,066.53	7	3,755.49	7	3,444.45	7	3,133.41	7	2,822.37	7	2,511.33
1/4		1/4		1/4		1/4		1/4	4,060.05	1/4	3,749.01	1/4	3,437.97	1/4	3,126.93	1/4	2,815.89	1/4	2,504.85
1/2		1/2		1/2		1/2		1/2	4,053.57	1/2	3,742.53	1/2	3,431.49	1/2	3,120.45	1/2	2,809.41	1/2	2,498.37
3/4		3/4		3/4		3/4		3/4	4,047.09	3/4	3,736.05	3/4	3,425.01	3/4	3,113.97	3/4	2,802.93	3/4	2,491.89
8		8		8		8		8	4,040.61	8	3,729.57	8	3,418.53	8	3,107.49	8	2,796.45	8	2,485.41
1/4		1/4		1/4		1/4		1/4	4,034.13	1/4	3,723.09	1/4	3,412.05	1/4	3,101.01	1/4	2,789.97	1/4	2,478.93
1/2		1/2		1/2		1/2		1/2	4,027.65	1/2	3,716.61	1/2	3,405.57	1/2	3,094.53	1/2	2,783.49	1/2	2,472.45
3/4		3/4		3/4		3/4		3/4	4,021.17	3/4	3,710.13	3/4	3,399.09	3/4	3,088.05	3/4	2,777.01	3/4	2,465.97
9		9		9		9		9	4,014.69	9	3,703.65	9	3,392.61	9	3,081.57	9	2,770.53	9	2,459.49
1/4		1/4		1/4		1/4		1/4	4,008.21	1/4	3,697.17	1/4	3,386.13	1/4	3,075.09	1/4	2,764.05	1/4	2,453.01
1/2		1/2		1/2		1/2		1/2	4,001.73	1/2	3,690.69	1/2	3,379.65	1/2	3,068.61	1/2	2,757.57	1/2	2,446.53
3/4		3/4		3/4		3/4		3/4	3,995.25	3/4	3,684.21	3/4	3,373.17	3/4	3,062.13	3/4	2,751.09	3/4	2,440.05
10		10		10		10		10	3,988.77	10	3,677.73	10	3,366.69	10	3,055.65	10	2,744.61	10	2,433.57
1/4		1/4		1/4		1/4		1/4	3,982.29	1/4	3,671.25	1/4	3,360.21	1/4	3,049.17	1/4	2,738.13	1/4	2,427.09
1/2		1/2		1/2		1/2		1/2	3,975.81	1/2	3,664.77	1/2	3,353.73	1/2	3,042.69	1/2	2,731.65	1/2	2,420.61
3/4		3/4		3/4		3/4		3/4	3,969.33	3/4	3,658.29	3/4	3,347.25	3/4	3,036.21	3/4	2,725.17	3/4	2,414.13
11		11		11		11		11	3,962.85	11	3,651.81	11	3,340.77	11	3,029.73	11	2,718.69	11	2,407.65
1/4		1/4		1/4		1/4		1/4	3,956.37	1/4	3,645.33	1/4	3,334.29	1/4	3,023.25	1/4	2,712.21	1/4	2,401.17
1/2		1/2		1/2		1/2		1/2	3,949.89	1/2	3,638.85	1/2	3,327.81	1/2	3,016.77	1/2	2,705.73	1/2	2,394.69
3/4		3/4		3/4		3/4		3/4	3,943.41	3/4	3,632.37	3/4	3,321.33	3/4	3,010.29	3/4	2,699.25	3/4	2,388.21

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" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 11'-03" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "MMI 2801"

## 1 STBD ULLAGE TABLE

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	2,070.69	0	1,759.65	0	1,448.61	0	1,137.57	0	829.10	0	518.17	0	218.23	0		0		0	
1/4	2,064.21	1/4	1,753.17	1/4	1,442.13	1/4	1,131.12	1/4	822.65	1/4	511.69	1/4	212.54	1/4		1/4		1/4	
1/2	2,057.73	1/2	1,746.69	1/2	1,435.65	1/2	1,124.66	1/2	816.19	1/2	505.21	1/2	206.85	1/2		1/2		1/2	
3/4	2,051.25	3/4	1,740.21	3/4	1,429.17	3/4	1,118.21	3/4	809.74	3/4	498.73	3/4	201.16	3/4		3/4		3/4	
1	2,044.77	1	1,733.73	1	1,422.69	1	1,111.76	1	803.29	1	492.25	1	195.47	1		1		1	
1/4	2,038.29	1/4	1,727.25	1/4	1,416.21	1/4	1,105.33	1/4	796.81	1/4	485.77	1/4	189.87	1/4		1/4		1/4	
1/2	2,031.81	1/2	1,720.77	1/2	1,409.73	1/2	1,098.91	1/2	790.33	1/2	479.29	1/2	184.27	1/2		1/2		1/2	
3/4	2,025.33	3/4	1,714.29	3/4	1,403.25	3/4	1,092.48	3/4	783.85	3/4	472.81	3/4	178.67	3/4		3/4		3/4	
2	2,018.85	2	1,707.81	2	1,396.77	2	1,086.06	2	777.37	2	466.33	2	173.07	2		2		2	
1/4	2,012.37	1/4	1,701.33	1/4	1,390.29	1/4	1,079.64	1/4	770.89	1/4	459.85	1/4	167.57	1/4		1/4		1/4	
1/2	2,005.89	1/2	1,694.85	1/2	1,383.81	1/2	1,073.21	1/2	764.41	1/2	453.37	1/2	162.06	1/2		1/2		1/2	
3/4	1,999.41	3/4	1,688.37	3/4	1,377.33	3/4	1,066.79	3/4	757.93	3/4	446.89	3/4	156.56	3/4		3/4		3/4	
3	1,992.93	3	1,681.89	3	1,370.85	3	1,060.37	3	751.45	3	440.41	3	151.06	3		3		3	
1/4	1,986.45	1/4	1,675.41	1/4	1,364.37	1/4	1,053.94	1/4	744.97	1/4	433.93	1/4	145.66	1/4		1/4		1/4	
1/2	1,979.97	1/2	1,668.93	1/2	1,357.89	1/2	1,047.52	1/2	738.49	1/2	427.45	1/2	140.25	1/2		1/2		1/2	
3/4	1,973.49	3/4	1,662.45	3/4	1,351.41	3/4	1,041.10	3/4	732.01	3/4	420.97	3/4	134.85	3/4		3/4		3/4	
4	1,967.01	4	1,655.97	4	1,344.93	4	1,034.67	4	725.53	4	414.49	4	129.45	4		4		4	
1/4	1,960.53	1/4	1,649.49	1/4	1,338.45	1/4	1,028.25	1/4	719.05	1/4	408.05	1/4	124.14	1/4		1/4		1/4	
1/2	1,954.05	1/2	1,643.01	1/2	1,331.97	1/2	1,021.82	1/2	712.57	1/2	401.62	1/2	118.84	1/2		1/2		1/2	
3/4	1,947.57	3/4	1,636.53	3/4	1,325.49	3/4	1,015.40	3/4	706.09	3/4	395.18	3/4	113.53	3/4		3/4		3/4	
5	1,941.09	5	1,630.05	5	1,319.01	5	1,008.97	5	699.61	5	388.75	5	108.23	5		5		5	
1/4	1,934.61	1/4	1,623.57	1/4	1,312.53	1/4	1,002.55	1/4	693.13	1/4	382.36	1/4	103.02	1/4		1/4		1/4	
1/2	1,928.13	1/2	1,617.09	1/2	1,306.05	1/2	996.12	1/2	686.65	1/2	375.97	1/2	97.81	1/2		1/2		1/2	
3/4	1,921.65	3/4	1,610.61	3/4	1,299.57	3/4	989.70	3/4	680.17	3/4	369.58	3/4	92.61	3/4		3/4		3/4	
6	1,915.17	6	1,604.13	6	1,293.09	6	983.28	6	673.69	6	363.19	6	87.40	6		6		6	
1/4	1,908.69	1/4	1,597.65	1/4	1,286.61	1/4	976.85	1/4	667.21	1/4	356.90	1/4	82.29	1/4		1/4		1/4	
1/2	1,902.21	1/2	1,591.17	1/2	1,280.13	1/2	970.43	1/2	660.73	1/2	350.61	1/2	77.18	1/2		1/2		1/2	
3/4	1,895.73	3/4	1,584.69	3/4	1,273.65	3/4	964.00	3/4	654.25	3/4	344.32	3/4	72.08	3/4		3/4		3/4	
7	1,889.25	7	1,578.21	7	1,267.17	7	957.58	7	647.77	7	338.03	7	66.97	7		7		7	
1/4	1,882.77	1/4	1,571.73	1/4	1,260.69	1/4	951.16	1/4	641.29	1/4	331.84	1/4	61.96	1/4		1/4		1/4	
1/2	1,876.29	1/2	1,565.25	1/2	1,254.21	1/2	944.73	1/2	634.81	1/2	325.64	1/2	56.95	1/2		1/2		1/2	
3/4	1,869.81	3/4	1,558.77	3/4	1,247.73	3/4	938.31	3/4	628.33	3/4	319.45	3/4	51.95	3/4		3/4		3/4	
8	1,863.33	8	1,552.29	8	1,241.25	8	931.89	8	621.85	8	313.26	8	46.94	8		8		8	
1/4	1,856.85	1/4	1,545.81	1/4	1,234.77	1/4	925.46	1/4	615.37	1/4	307.17	1/4	42.34	1/4		1/4		1/4	
1/2	1,850.37	1/2	1,539.33	1/2	1,228.29	1/2	919.04	1/2	608.89	1/2	301.07	1/2	37.74	1/2		1/2		1/2	
3/4	1,843.89	3/4	1,532.85	3/4	1,221.81	3/4	912.61	3/4	602.41	3/4	294.98	3/4	33.15	3/4		3/4		3/4	
9	1,837.41	9	1,526.37	9	1,215.33	9	906.19	9	595.93	9	288.89	9	28.55	9		9		9	
1/4	1,830.93	1/4	1,519.89	1/4	1,208.85	1/4	899.76	1/4	589.45	1/4	282.89	1/4	24.98	1/4		1/4		1/4	
1/2	1,824.45	1/2	1,513.41	1/2	1,202.37	1/2	893.34	1/2	582.97	1/2	276.89	1/2	21.41	1/2		1/2		1/2	
3/4	1,817.97	3/4	1,506.93	3/4	1,195.89	3/4	886.91	3/4	576.49	3/4	270.90	3/4	17.85	3/4		3/4		3/4	
10	1,811.49	10	1,500.45	10	1,189.41	10	880.49	10	570.01	10	264.90	10	14.28	10		10		10	
1/4	1,805.01	1/4	1,493.97	1/4	1,182.93	1/4	874.07	1/4	563.53	1/4	259.01	1/4	12.04	1/4		1/4		1/4	
1/2	1,798.53	1/2	1,487.49	1/2	1,176.45	1/2	867.64	1/2	557.05	1/2	253.12	1/2	9.80	1/2		1/2		1/2	
3/4	1,792.05	3/4	1,481.01	3/4	1,169.97	3/4	861.22	3/4	550.57	3/4	247.24	3/4		3/4		3/4		3/4	
11	1,785.57	11	1,474.53	11	1,163.49	11	854.80	11	544.09	11	241.35	11		11		11		11	
1/4	1,779.09	1/4	1,468.05	1/4	1,157.01	1/4	848.37	1/4	537.61	1/4	235.57	1/4		1/4		1/4		1/4	
1/2	1,772.61	1/2	1,461.57	1/2	1,150.53	1/2	841.95	1/2	531.13	1/2	229.79	1/2		1/2		1/2		1/2	
3/4	1,766.13	3/4	1,455.09	3/4	1,144.05	3/4	835.52	3/4	524.65	3/4	224.01	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/04/2005 INSP.  
RECALCULATED: 10/21/2018  
VERIFIED: 09/28/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "MMI 2801"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/4"

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		
									4,614.64		4,255.51		3,896.37		3,537.23		3,178.10		2,818.96		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,607.16	1/4	4,248.03	1/4	3,888.89	1/4	3,529.75	1/4	3,170.61	1/4	2,811.47		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,599.67	1/2	4,240.54	1/2	3,881.40	1/2	3,522.27	1/2	3,163.13	1/2	2,803.99		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,592.19	3/4	4,233.06	3/4	3,873.92	3/4	3,514.79	3/4	3,155.65	3/4	2,796.51		
<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	4,584.71	<b>1</b>	4,225.58	<b>1</b>	3,866.44	<b>1</b>	3,507.31	<b>1</b>	3,148.17	<b>1</b>	2,789.03		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,922.85	1/4	4,577.23	1/4	4,218.10	1/4	3,858.96	1/4	3,499.83	1/4	3,140.68	1/4	2,781.55
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,917.98	1/2	4,569.75	1/2	4,210.61	1/2	3,851.47	1/2	3,492.34	1/2	3,133.20	1/2	2,774.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,913.30	3/4	4,562.27	3/4	4,203.13	3/4	3,843.99	3/4	3,484.86	3/4	3,125.72	3/4	2,766.59
<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	4,907.38	<b>2</b>	4,554.79	<b>2</b>	4,195.65	<b>2</b>	3,836.51	<b>2</b>	3,477.38	<b>2</b>	3,118.24	<b>2</b>	2,759.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,901.45	1/4	4,547.31	1/4	4,188.17	1/4	3,829.03	1/4	3,469.90	1/4	3,110.75	1/4	2,751.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,895.53	1/2	4,539.82	1/2	4,180.68	1/2	3,821.55	1/2	3,462.41	1/2	3,103.27	1/2	2,744.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,889.60	3/4	4,532.34	3/4	4,173.20	3/4	3,814.07	3/4	3,454.93	3/4	3,095.79	3/4	2,736.66
<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	4,882.59	<b>3</b>	4,524.86	<b>3</b>	4,165.72	<b>3</b>	3,806.59	<b>3</b>	3,447.45	<b>3</b>	3,088.31	<b>3</b>	2,729.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,875.58	1/4	4,517.38	1/4	4,158.24	1/4	3,799.11	1/4	3,439.97	1/4	3,080.83	1/4	2,721.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,868.56	1/2	4,509.89	1/2	4,150.75	1/2	3,791.62	1/2	3,432.48	1/2	3,073.35	1/2	2,714.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,861.55	3/4	4,502.41	3/4	4,143.27	3/4	3,784.14	3/4	3,425.00	3/4	3,065.87	3/4	2,706.73
<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	4,854.07	<b>4</b>	4,494.93	<b>4</b>	4,135.79	<b>4</b>	3,776.66	<b>4</b>	3,417.52	<b>4</b>	3,058.39	<b>4</b>	2,699.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,846.59	1/4	4,487.45	1/4	4,128.31	1/4	3,769.18	1/4	3,410.04	1/4	3,050.90	1/4	2,691.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,839.10	1/2	4,479.96	1/2	4,120.83	1/2	3,761.69	1/2	3,402.55	1/2	3,043.42	1/2	2,684.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,831.62	3/4	4,472.48	3/4	4,113.35	3/4	3,754.21	3/4	3,395.07	3/4	3,035.94	3/4	2,676.80
<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	4,824.14	<b>5</b>	4,465.00	<b>5</b>	4,105.87	<b>5</b>	3,746.73	<b>5</b>	3,387.59	<b>5</b>	3,028.46	<b>5</b>	2,669.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,816.66	1/4	4,457.52	1/4	4,098.39	1/4	3,739.25	1/4	3,380.11	1/4	3,020.97	1/4	2,661.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,809.17	1/2	4,450.03	1/2	4,090.90	1/2	3,731.76	1/2	3,372.63	1/2	3,013.49	1/2	2,654.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,801.69	3/4	4,442.55	3/4	4,083.42	3/4	3,724.28	3/4	3,365.15	3/4	3,006.01	3/4	2,646.87
<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>6</b>	4,794.21	<b>6</b>	4,435.07	<b>6</b>	4,075.94	<b>6</b>	3,716.80	<b>6</b>	3,357.67	<b>6</b>	2,998.53	<b>6</b>	2,639.39
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,786.73	1/4	4,427.59	1/4	4,068.46	1/4	3,709.32	1/4	3,350.19	1/4	2,991.04	1/4	2,631.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,779.24	1/2	4,420.11	1/2	4,060.97	1/2	3,701.83	1/2	3,342.70	1/2	2,983.56	1/2	2,624.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,771.76	3/4	4,412.63	3/4	4,053.49	3/4	3,694.35	3/4	3,335.22	3/4	2,976.08	3/4	2,616.95
<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	4,764.28	<b>7</b>	4,405.15	<b>7</b>	4,046.01	<b>7</b>	3,686.87	<b>7</b>	3,327.74	<b>7</b>	2,968.60	<b>7</b>	2,609.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,756.80	1/4	4,397.67	1/4	4,038.53	1/4	3,679.39	1/4	3,320.26	1/4	2,961.12	1/4	2,601.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,749.31	1/2	4,390.18	1/2	4,031.04	1/2	3,671.91	1/2	3,312.77	1/2	2,953.64	1/2	2,594.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,741.83	3/4	4,382.70	3/4	4,023.56	3/4	3,664.43	3/4	3,305.29	3/4	2,946.16	3/4	2,587.02
<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	4,734.35	<b>8</b>	4,375.22	<b>8</b>	4,016.08	<b>8</b>	3,656.95	<b>8</b>	3,297.81	<b>8</b>	2,938.68	<b>8</b>	2,579.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,726.87	1/4	4,367.74	1/4	4,008.60	1/4	3,649.47	1/4	3,290.33	1/4	2,931.19	1/4	2,572.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,719.39	1/2	4,360.25	1/2	4,001.11	1/2	3,641.98	1/2	3,282.84	1/2	2,923.71	1/2	2,564.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,711.91	3/4	4,352.77	3/4	3,993.63	3/4	3,634.50	3/4	3,275.36	3/4	2,916.23	3/4	2,557.09
<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	4,704.43	<b>9</b>	4,345.29	<b>9</b>	3,986.15	<b>9</b>	3,627.02	<b>9</b>	3,267.88	<b>9</b>	2,908.75	<b>9</b>	2,549.61
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,696.95	1/4	4,337.81	1/4	3,978.67	1/4	3,619.54	1/4	3,260.39	1/4	2,901.26	1/4	2,542.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,689.46	1/2	4,330.32	1/2	3,971.19	1/2	3,612.05	1/2	3,252.91	1/2	2,893.78	1/2	2,534.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,681.98	3/4	4,322.84	3/4	3,963.71	3/4	3,604.57	3/4	3,245.43	3/4	2,886.30	3/4	2,527.16
<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	4,674.50	<b>10</b>	4,315.36	<b>10</b>	3,956.23	<b>10</b>	3,597.09	<b>10</b>	3,237.95	<b>10</b>	2,878.82	<b>10</b>	2,519.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,667.02	1/4	4,307.88	1/4	3,948.75	1/4	3,589.61	1/4	3,230.47	1/4	2,871.33	1/4	2,512.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,659.53	1/2	4,300.39	1/2	3,941.26	1/2	3,582.12	1/2	3,222.99	1/2	2,863.85	1/2	2,504.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,652.05	3/4	4,292.91	3/4	3,933.78	3/4	3,574.64	3/4	3,215.51	3/4	2,856.37	3/4	2,497.23
<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>11</b>	4,644.57	<b>11</b>	4,285.43	<b>11</b>	3,926.30	<b>11</b>	3,567.16	<b>11</b>	3,208.03	<b>11</b>	2,848.89	<b>11</b>	2,489.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,637.09	1/4	4,277.95	1/4	3,918.82	1/4	3,559.68	1/4	3,200.54	1/4	2,841.40	1/4	2,482.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,629.60	1/2	4,270.47	1/2	3,911.33	1/2	3,552.19	1/2	3,193.06	1/2	2,833.92	1/2	2,474.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,622.12	3/4	4,262.99	3/4	3,903.85	3/4	3,544.71	3/4	3,185.58	3/4	2,826.44	3/4	2,467.31

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 11'-03" OFF CENTERLINE AND 48'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "MMI 2801"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,459.83	0	2,100.69	0	1,741.55	0	1,382.44	0	1,025.88	0	666.83	0	307.70	0		0		0	
1/4	2,452.35	1/4	2,093.20	1/4	1,734.07	1/4	1,374.99	1/4	1,018.43	1/4	659.35	1/4	300.21	1/4	1/4		1/4		1/4
1/2	2,444.87	1/2	2,085.72	1/2	1,726.59	1/2	1,367.53	1/2	1,010.97	1/2	651.87	1/2	292.73	1/2	1/2		1/2		1/2
3/4	2,437.39	3/4	2,078.24	3/4	1,719.11	3/4	1,360.08	3/4	1,003.52	3/4	644.39	3/4	285.25	3/4	3/4		3/4		3/4
1	2,429.90	1	2,070.76	1	1,711.63	1	1,352.65	1	996.04	1	636.91	1	277.77	1	1		1		1
1/4	2,422.42	1/4	2,063.27	1/4	1,704.14	1/4	1,345.23	1/4	988.55	1/4	629.42	1/4	270.28	1/4	1/4		1/4		1/4
1/2	2,414.93	1/2	2,055.79	1/2	1,696.66	1/2	1,337.80	1/2	981.07	1/2	621.94	1/2	262.80	1/2	1/2		1/2		1/2
3/4	2,407.45	3/4	2,048.31	3/4	1,689.18	3/4	1,330.38	3/4	973.59	3/4	614.46	3/4	255.32	3/4	3/4		3/4		3/4
2	2,399.97	2	2,040.83	2	1,681.70	2	1,322.95	2	966.11	2	606.98	2	247.84	2	2		2		2
1/4	2,392.48	1/4	2,033.35	1/4	1,674.21	1/4	1,315.52	1/4	958.63	1/4	599.49	1/4	240.35	1/4	1/4		1/4		1/4
1/2	2,385.00	1/2	2,025.87	1/2	1,666.73	1/2	1,308.10	1/2	951.15	1/2	592.01	1/2	232.87	1/2	1/2		1/2		1/2
3/4	2,377.52	3/4	2,018.39	3/4	1,659.25	3/4	1,300.67	3/4	943.67	3/4	584.53	3/4	225.39	3/4	3/4		3/4		3/4
3	2,370.04	3	2,010.88	3	1,651.77	3	1,293.24	3	936.19	3	577.05	3	217.91	3	3		3		3
1/4	2,362.55	1/4	2,003.38	1/4	1,644.28	1/4	1,285.82	1/4	928.70	1/4	569.56	1/4	210.43	1/4	1/4		1/4		1/4
1/2	2,355.07	1/2	1,995.87	1/2	1,636.80	1/2	1,278.39	1/2	921.22	1/2	562.08	1/2	202.95	1/2	1/2		1/2		1/2
3/4	2,347.59	3/4	1,988.37	3/4	1,629.32	3/4	1,270.97	3/4	913.74	3/4	554.60	3/4	195.47	3/4	3/4		3/4		3/4
4	2,340.11	4	1,980.91	4	1,621.84	4	1,263.54	4	906.26	4	547.12	4	187.99	4	4		4		4
1/4	2,332.63	1/4	1,973.45	1/4	1,614.35	1/4	1,256.12	1/4	898.77	1/4	539.63	1/4	180.50	1/4	1/4		1/4		1/4
1/2	2,325.15	1/2	1,965.99	1/2	1,606.87	1/2	1,248.69	1/2	891.29	1/2	532.15	1/2	173.02	1/2	1/2		1/2		1/2
3/4	2,317.67	3/4	1,958.53	3/4	1,599.39	3/4	1,241.27	3/4	883.81	3/4	524.67	3/4	165.54	3/4	3/4		3/4		3/4
5	2,310.19	5	1,951.05	5	1,591.91	5	1,233.84	5	876.33	5	517.19	5	158.06	5	5		5		5
1/4	2,302.70	1/4	1,943.56	1/4	1,584.43	1/4	1,226.41	1/4	868.84	1/4	509.71	1/4	150.57	1/4	1/4		1/4		1/4
1/2	2,295.22	1/2	1,936.08	1/2	1,576.95	1/2	1,218.99	1/2	861.36	1/2	502.23	1/2	143.09	1/2	1/2		1/2		1/2
3/4	2,287.74	3/4	1,928.60	3/4	1,569.47	3/4	1,211.56	3/4	853.88	3/4	494.75	3/4	135.61	3/4	3/4		3/4		3/4
6	2,280.26	6	1,921.12	6	1,561.99	6	1,204.13	6	846.40	6	487.27	6	128.13	6	6		6		6
1/4	2,272.77	1/4	1,913.63	1/4	1,554.50	1/4	1,196.71	1/4	838.91	1/4	479.78	1/4	120.64	1/4	1/4		1/4		1/4
1/2	2,265.29	1/2	1,906.15	1/2	1,547.02	1/2	1,189.28	1/2	831.43	1/2	472.30	1/2	113.16	1/2	1/2		1/2		1/2
3/4	2,257.81	3/4	1,898.67	3/4	1,539.54	3/4	1,181.86	3/4	823.95	3/4	464.82	3/4	105.68	3/4	3/4		3/4		3/4
7	2,250.33	7	1,891.19	7	1,532.06	7	1,174.43	7	816.47	7	457.34	7	98.20	7	7		7		7
1/4	2,242.84	1/4	1,883.71	1/4	1,524.57	1/4	1,167.00	1/4	808.99	1/4	449.85	1/4	90.71	1/4	1/4		1/4		1/4
1/2	2,235.36	1/2	1,876.23	1/2	1,517.09	1/2	1,159.58	1/2	801.51	1/2	442.37	1/2	83.23	1/2	1/2		1/2		1/2
3/4	2,227.88	3/4	1,868.75	3/4	1,509.61	3/4	1,152.15	3/4	794.03	3/4	434.89	3/4	75.75	3/4	3/4		3/4		3/4
8	2,220.40	8	1,861.27	8	1,502.13	8	1,144.72	8	786.55	8	427.41	8	68.74	8	8		8		8
1/4	2,212.91	1/4	1,853.78	1/4	1,494.64	1/4	1,137.30	1/4	779.06	1/4	419.92	1/4	61.72	1/4	1/4		1/4		1/4
1/2	2,205.43	1/2	1,846.30	1/2	1,487.16	1/2	1,129.87	1/2	771.58	1/2	412.44	1/2	54.71	1/2	1/2		1/2		1/2
3/4	2,197.95	3/4	1,838.82	3/4	1,479.68	3/4	1,122.45	3/4	764.10	3/4	404.96	3/4	47.70	3/4	3/4		3/4		3/4
9	2,190.47	9	1,831.34	9	1,472.20	9	1,115.02	9	756.62	9	397.48	9	42.09	9	9		9		9
1/4	2,182.99	1/4	1,823.85	1/4	1,464.71	1/4	1,107.60	1/4	749.13	1/4	389.99	1/4	36.47	1/4	1/4		1/4		1/4
1/2	2,175.51	1/2	1,816.37	1/2	1,457.23	1/2	1,100.17	1/2	741.65	1/2	382.51	1/2	30.86	1/2	1/2		1/2		1/2
3/4	2,168.03	3/4	1,808.89	3/4	1,449.75	3/4	1,092.75	3/4	734.17	3/4	375.03	3/4	25.25	3/4	3/4		3/4		3/4
10	2,160.55	10	1,801.41	10	1,442.27	10	1,085.32	10	726.69	10	367.55	10	21.51	10	10		10		10
1/4	2,153.06	1/4	1,793.92	1/4	1,434.79	1/4	1,077.89	1/4	719.20	1/4	360.07	1/4	17.97	1/4	1/4		1/4		1/4
1/2	2,145.58	1/2	1,786.44	1/2	1,427.31	1/2	1,070.47	1/2	711.72	1/2	352.59	1/2		1/2	1/2		1/2		1/2
3/4	2,138.10	3/4	1,778.96	3/4	1,419.83	3/4	1,063.04	3/4	704.24	3/4	345.11	3/4		3/4	3/4		3/4		3/4
11	2,130.62	11	1,771.48	11	1,412.35	11	1,055.61	11	696.76	11	337.63	11		11	11		11		11
1/4	2,123.13	1/4	1,763.99	1/4	1,404.86	1/4	1,048.19	1/4	689.27	1/4	330.14	1/4		1/4	1/4		1/4		1/4
1/2	2,115.65	1/2	1,756.51	1/2	1,397.38	1/2	1,040.76	1/2	681.79	1/2	322.66	1/2		1/2	1/2		1/2		1/2
3/4	2,108.17	3/4	1,749.03	3/4	1,389.90	3/4	1,033.34	3/4	674.31	3/4	315.18	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/04/2005 INSP.  
RECALCULATED: 10/21/2018  
VERIFIED: 09/28/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "MMI 2801"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10"

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		0	4,607.36	0	4,248.23	0	3,889.09	0	3,529.95	0	3,170.82	0	2,811.67
1/4		1/4		1/4		1/4		1/4	4,599.87	1/4	4,240.74	1/4	3,881.60	1/4	3,522.47	1/4	3,163.33	1/4	2,804.19
1/2		1/2		1/2		1/2		1/2	4,592.39	1/2	4,233.26	1/2	3,874.12	1/2	3,514.99	1/2	3,155.85	1/2	2,796.71
3/4		3/4		3/4		3/4		3/4	4,584.91	3/4	4,225.78	3/4	3,866.64	3/4	3,507.51	3/4	3,148.37	3/4	2,789.23
1		1		1		1	4,922.85	1	4,577.43	1	4,218.30	1	3,859.16	1	3,500.03	1	3,140.88	1	2,781.75
1/4		1/4		1/4		1/4	4,918.18	1/4	4,569.95	1/4	4,210.81	1/4	3,851.67	1/4	3,492.54	1/4	3,133.40	1/4	2,774.27
1/2		1/2		1/2		1/2	4,913.50	1/2	4,562.47	1/2	4,203.33	1/2	3,844.19	1/2	3,485.06	1/2	3,125.92	1/2	2,766.79
3/4		3/4		3/4		3/4	4,907.58	3/4	4,554.99	3/4	4,195.85	3/4	3,836.71	3/4	3,477.58	3/4	3,118.44	3/4	2,759.31
2		2		2		2	4,901.65	2	4,547.51	2	4,188.37	2	3,829.23	2	3,470.10	2	3,110.95	2	2,751.82
1/4		1/4		1/4		1/4	4,895.73	1/4	4,540.02	1/4	4,180.88	1/4	3,821.75	1/4	3,462.61	1/4	3,103.47	1/4	2,744.34
1/2		1/2		1/2		1/2	4,889.80	1/2	4,532.54	1/2	4,173.40	1/2	3,814.27	1/2	3,455.13	1/2	3,095.99	1/2	2,736.86
3/4		3/4		3/4		3/4	4,882.79	3/4	4,525.06	3/4	4,165.92	3/4	3,806.79	3/4	3,447.65	3/4	3,088.51	3/4	2,729.38
3		3		3		3	4,875.78	3	4,517.58	3	4,158.44	3	3,799.31	3	3,440.17	3	3,081.03	3	2,721.89
1/4		1/4		1/4		1/4	4,868.76	1/4	4,510.09	1/4	4,150.95	1/4	3,791.82	1/4	3,432.68	1/4	3,073.55	1/4	2,714.41
1/2		1/2		1/2		1/2	4,861.75	1/2	4,502.61	1/2	4,143.47	1/2	3,784.34	1/2	3,425.20	1/2	3,066.07	1/2	2,706.93
3/4		3/4		3/4		3/4	4,854.27	3/4	4,495.13	3/4	4,135.99	3/4	3,776.86	3/4	3,417.72	3/4	3,058.59	3/4	2,699.45
4		4		4		4	4,846.79	4	4,487.65	4	4,128.51	4	3,769.38	4	3,410.24	4	3,051.10	4	2,691.96
1/4		1/4		1/4		1/4	4,839.30	1/4	4,480.16	1/4	4,121.03	1/4	3,761.89	1/4	3,402.75	1/4	3,043.62	1/4	2,684.48
1/2		1/2		1/2		1/2	4,831.82	1/2	4,472.68	1/2	4,113.55	1/2	3,754.41	1/2	3,395.27	1/2	3,036.14	1/2	2,677.00
3/4		3/4		3/4		3/4	4,824.34	3/4	4,465.20	3/4	4,106.07	3/4	3,746.93	3/4	3,387.79	3/4	3,028.66	3/4	2,669.52
5		5		5		5	4,816.86	5	4,457.72	5	4,098.59	5	3,739.45	5	3,380.31	5	3,021.17	5	2,662.03
1/4		1/4		1/4		1/4	4,809.37	1/4	4,450.23	1/4	4,091.10	1/4	3,731.96	1/4	3,372.83	1/4	3,013.69	1/4	2,654.55
1/2		1/2		1/2		1/2	4,801.89	1/2	4,442.75	1/2	4,083.62	1/2	3,724.48	1/2	3,365.35	1/2	3,006.21	1/2	2,647.07
3/4		3/4		3/4		3/4	4,794.41	3/4	4,435.27	3/4	4,076.14	3/4	3,717.00	3/4	3,357.87	3/4	2,998.73	3/4	2,639.59
6		6		6		6	4,786.93	6	4,427.79	6	4,068.66	6	3,709.52	6	3,350.39	6	2,991.24	6	2,632.11
1/4		1/4		1/4		1/4	4,779.44	1/4	4,420.31	1/4	4,061.17	1/4	3,702.03	1/4	3,342.90	1/4	2,983.76	1/4	2,624.63
1/2		1/2		1/2		1/2	4,771.96	1/2	4,412.83	1/2	4,053.69	1/2	3,694.55	1/2	3,335.42	1/2	2,976.28	1/2	2,617.15
3/4		3/4		3/4		3/4	4,764.48	3/4	4,405.35	3/4	4,046.21	3/4	3,687.07	3/4	3,327.94	3/4	2,968.80	3/4	2,609.67
7		7		7		7	4,757.00	7	4,397.87	7	4,038.73	7	3,679.59	7	3,320.46	7	2,961.32	7	2,602.18
1/4		1/4		1/4		1/4	4,749.51	1/4	4,390.38	1/4	4,031.24	1/4	3,672.11	1/4	3,312.97	1/4	2,953.84	1/4	2,594.70
1/2		1/2		1/2		1/2	4,742.03	1/2	4,382.90	1/2	4,023.76	1/2	3,664.63	1/2	3,305.49	1/2	2,946.36	1/2	2,587.22
3/4		3/4		3/4		3/4	4,734.55	3/4	4,375.42	3/4	4,016.28	3/4	3,657.15	3/4	3,298.01	3/4	2,938.88	3/4	2,579.74
8		8		8		8	4,727.07	8	4,367.94	8	4,008.80	8	3,649.67	8	3,290.53	8	2,931.39	8	2,572.25
1/4		1/4		1/4		1/4	4,719.59	1/4	4,360.45	1/4	4,001.31	1/4	3,642.18	1/4	3,283.04	1/4	2,923.91	1/4	2,564.77
1/2		1/2		1/2		1/2	4,712.11	1/2	4,352.97	1/2	3,993.83	1/2	3,634.70	1/2	3,275.56	1/2	2,916.43	1/2	2,557.29
3/4		3/4		3/4		3/4	4,704.63	3/4	4,345.49	3/4	3,986.35	3/4	3,627.22	3/4	3,268.08	3/4	2,908.95	3/4	2,549.81
9		9		9		9	4,697.15	9	4,338.01	9	3,978.87	9	3,619.74	9	3,260.60	9	2,901.46	9	2,542.32
1/4		1/4		1/4		1/4	4,689.66	1/4	4,330.52	1/4	3,971.39	1/4	3,612.25	1/4	3,253.11	1/4	2,893.98	1/4	2,534.84
1/2		1/2		1/2		1/2	4,682.18	1/2	4,323.04	1/2	3,963.91	1/2	3,604.77	1/2	3,245.63	1/2	2,886.50	1/2	2,527.36
3/4		3/4		3/4		3/4	4,674.70	3/4	4,315.56	3/4	3,956.43	3/4	3,597.29	3/4	3,238.15	3/4	2,879.02	3/4	2,519.88
10		10		10		10	4,667.22	10	4,308.08	10	3,948.95	10	3,589.81	10	3,230.67	10	2,871.53	10	2,512.39
1/4		1/4		1/4		1/4	4,659.73	1/4	4,300.59	1/4	3,941.46	1/4	3,582.32	1/4	3,223.19	1/4	2,864.05	1/4	2,504.91
1/2		1/2		1/2		1/2	4,652.25	1/2	4,293.11	1/2	3,933.98	1/2	3,574.84	1/2	3,215.71	1/2	2,856.57	1/2	2,497.43
3/4		3/4		3/4		3/4	4,644.77	3/4	4,285.63	3/4	3,926.50	3/4	3,567.36	3/4	3,208.23	3/4	2,849.09	3/4	2,489.95
11		11		11		11	4,637.29	11	4,278.15	11	3,919.02	11	3,559.88	11	3,200.75	11	2,841.60	11	2,482.47
1/4		1/4		1/4		1/4	4,629.80	1/4	4,270.67	1/4	3,911.53	1/4	3,552.39	1/4	3,193.26	1/4	2,834.12	1/4	2,474.99
1/2		1/2		1/2		1/2	4,622.32	1/2	4,263.19	1/2	3,904.05	1/2	3,544.91	1/2	3,185.78	1/2	2,826.64	1/2	2,467.51
3/4		3/4		3/4		3/4	4,614.84	3/4	4,255.71	3/4	3,896.57	3/4	3,537.43	3/4	3,178.30	3/4	2,819.16	3/4	2,460.03

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 11'-03" OFF CENTERLINE AND 48'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "MMI 2801"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10"

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	2,452.55	0	2,093.40	0	1,734.27	0	1,375.19	0	1,018.63	0	659.55	0	300.41	0		0		0	
1/4	2,445.07	1/4	2,085.92	1/4	1,726.79	1/4	1,367.73	1/4	1,011.17	1/4	652.07	1/4	292.93	1/4	1/4	1/4		1/4	1/4
1/2	2,437.59	1/2	2,078.44	1/2	1,719.31	1/2	1,360.28	1/2	1,003.72	1/2	644.59	1/2	285.45	1/2	1/2	1/2		1/2	1/2
3/4	2,430.10	3/4	2,070.96	3/4	1,711.83	3/4	1,352.85	3/4	996.24	3/4	637.11	3/4	277.97	3/4	3/4	3/4		3/4	3/4
1	2,422.62	1	2,063.47	1	1,704.34	1	1,345.43	1	988.75	1	629.62	1	270.48	1	1	1		1	1
1/4	2,415.13	1/4	2,055.99	1/4	1,696.86	1/4	1,338.00	1/4	981.27	1/4	622.14	1/4	263.00	1/4	1/4	1/4		1/4	1/4
1/2	2,407.65	1/2	2,048.51	1/2	1,689.38	1/2	1,330.58	1/2	973.79	1/2	614.66	1/2	255.52	1/2	1/2	1/2		1/2	1/2
3/4	2,400.17	3/4	2,041.03	3/4	1,681.90	3/4	1,323.15	3/4	966.31	3/4	607.18	3/4	248.04	3/4	3/4	3/4		3/4	3/4
2	2,392.68	2	2,033.55	2	1,674.41	2	1,315.72	2	958.83	2	599.69	2	240.55	2	2	2		2	2
1/4	2,385.20	1/4	2,026.07	1/4	1,666.93	1/4	1,308.30	1/4	951.35	1/4	592.21	1/4	233.07	1/4	1/4	1/4		1/4	1/4
1/2	2,377.72	1/2	2,018.59	1/2	1,659.45	1/2	1,300.87	1/2	943.87	1/2	584.73	1/2	225.59	1/2	1/2	1/2		1/2	1/2
3/4	2,370.24	3/4	2,011.08	3/4	1,651.97	3/4	1,293.44	3/4	936.39	3/4	577.25	3/4	218.11	3/4	3/4	3/4		3/4	3/4
3	2,362.75	3	2,003.58	3	1,644.48	3	1,286.02	3	928.90	3	569.76	3	210.63	3	3	3		3	3
1/4	2,355.27	1/4	1,996.07	1/4	1,637.00	1/4	1,278.59	1/4	921.42	1/4	562.28	1/4	203.15	1/4	1/4	1/4		1/4	1/4
1/2	2,347.79	1/2	1,988.57	1/2	1,629.52	1/2	1,271.17	1/2	913.94	1/2	554.80	1/2	195.67	1/2	1/2	1/2		1/2	1/2
3/4	2,340.31	3/4	1,981.11	3/4	1,622.04	3/4	1,263.74	3/4	906.46	3/4	547.32	3/4	188.19	3/4	3/4	3/4		3/4	3/4
4	2,332.83	4	1,973.65	4	1,614.55	4	1,256.32	4	898.97	4	539.83	4	180.70	4	4	4		4	4
1/4	2,325.35	1/4	1,966.19	1/4	1,607.07	1/4	1,248.89	1/4	891.49	1/4	532.35	1/4	173.22	1/4	1/4	1/4		1/4	1/4
1/2	2,317.87	1/2	1,958.73	1/2	1,599.59	1/2	1,241.47	1/2	884.01	1/2	524.87	1/2	165.74	1/2	1/2	1/2		1/2	1/2
3/4	2,310.39	3/4	1,951.25	3/4	1,592.11	3/4	1,234.04	3/4	876.53	3/4	517.39	3/4	158.26	3/4	3/4	3/4		3/4	3/4
5	2,302.90	5	1,943.76	5	1,584.63	5	1,226.61	5	869.04	5	509.91	5	150.77	5	5	5		5	5
1/4	2,295.42	1/4	1,936.28	1/4	1,577.15	1/4	1,219.19	1/4	861.56	1/4	502.43	1/4	143.29	1/4	1/4	1/4		1/4	1/4
1/2	2,287.94	1/2	1,928.80	1/2	1,569.67	1/2	1,211.76	1/2	854.08	1/2	494.95	1/2	135.81	1/2	1/2	1/2		1/2	1/2
3/4	2,280.46	3/4	1,921.32	3/4	1,562.19	3/4	1,204.33	3/4	846.60	3/4	487.47	3/4	128.33	3/4	3/4	3/4		3/4	3/4
6	2,272.97	6	1,913.83	6	1,554.70	6	1,196.91	6	839.11	6	479.98	6	120.84	6	6	6		6	6
1/4	2,265.49	1/4	1,906.35	1/4	1,547.22	1/4	1,189.48	1/4	831.63	1/4	472.50	1/4	113.36	1/4	1/4	1/4		1/4	1/4
1/2	2,258.01	1/2	1,898.87	1/2	1,539.74	1/2	1,182.06	1/2	824.15	1/2	465.02	1/2	105.88	1/2	1/2	1/2		1/2	1/2
3/4	2,250.53	3/4	1,891.39	3/4	1,532.26	3/4	1,174.63	3/4	816.67	3/4	457.54	3/4	98.40	3/4	3/4	3/4		3/4	3/4
7	2,243.04	7	1,883.91	7	1,524.77	7	1,167.20	7	809.19	7	450.05	7	90.91	7	7	7		7	7
1/4	2,235.56	1/4	1,876.43	1/4	1,517.29	1/4	1,159.78	1/4	801.71	1/4	442.57	1/4	83.43	1/4	1/4	1/4		1/4	1/4
1/2	2,228.08	1/2	1,868.95	1/2	1,509.81	1/2	1,152.35	1/2	794.23	1/2	435.09	1/2	75.95	1/2	1/2	1/2		1/2	1/2
3/4	2,220.60	3/4	1,861.47	3/4	1,502.33	3/4	1,144.92	3/4	786.75	3/4	427.61	3/4	68.94	3/4	3/4	3/4		3/4	3/4
8	2,213.11	8	1,853.98	8	1,494.84	8	1,137.50	8	779.26	8	420.12	8	61.92	8	8	8		8	8
1/4	2,205.63	1/4	1,846.50	1/4	1,487.36	1/4	1,130.07	1/4	771.78	1/4	412.64	1/4	54.91	1/4	1/4	1/4		1/4	1/4
1/2	2,198.15	1/2	1,839.02	1/2	1,479.88	1/2	1,122.65	1/2	764.30	1/2	405.16	1/2	47.90	1/2	1/2	1/2		1/2	1/2
3/4	2,190.67	3/4	1,831.54	3/4	1,472.40	3/4	1,115.22	3/4	756.82	3/4	397.68	3/4	42.29	3/4	3/4	3/4		3/4	3/4
9	2,183.19	9	1,824.05	9	1,464.91	9	1,107.80	9	749.33	9	390.19	9	36.67	9	9	9		9	9
1/4	2,175.71	1/4	1,816.57	1/4	1,457.43	1/4	1,100.37	1/4	741.85	1/4	382.71	1/4	31.06	1/4	1/4	1/4		1/4	1/4
1/2	2,168.23	1/2	1,809.09	1/2	1,449.95	1/2	1,092.95	1/2	734.37	1/2	375.23	1/2	25.45	1/2	1/2	1/2		1/2	1/2
3/4	2,160.75	3/4	1,801.61	3/4	1,442.47	3/4	1,085.52	3/4	726.89	3/4	367.75	3/4	21.71	3/4	3/4	3/4		3/4	3/4
10	2,153.26	10	1,794.12	10	1,434.99	10	1,078.09	10	719.40	10	360.27	10	17.97	10	10	10		10	10
1/4	2,145.78	1/4	1,786.64	1/4	1,427.51	1/4	1,070.67	1/4	711.92	1/4	352.79	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,138.30	1/2	1,779.16	1/2	1,420.03	1/2	1,063.24	1/2	704.44	1/2	345.31	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,130.82	3/4	1,771.68	3/4	1,412.55	3/4	1,055.81	3/4	696.96	3/4	337.83	3/4		3/4	3/4	3/4		3/4	3/4
11	2,123.33	11	1,764.19	11	1,405.06	11	1,048.39	11	689.47	11	330.34	11		11	11	11		11	11
1/4	2,115.85	1/4	1,756.71	1/4	1,397.58	1/4	1,040.96	1/4	681.99	1/4	322.86	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,108.37	1/2	1,749.23	1/2	1,390.10	1/2	1,033.54	1/2	674.51	1/2	315.38	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,100.89	3/4	1,741.75	3/4	1,382.64	3/4	1,026.08	3/4	667.03	3/4	307.90	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/04/2005 INSP.  
RECALCULATED: 10/21/2018  
VERIFIED: 09/28/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "MMI 2801"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	4,374.08	0	4,086.95	0	3,799.81	0	3,505.37	0	3,147.76	0	2,788.82		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,644.26	1/4	4,368.10	1/4	4,080.97	1/4	3,793.83	1/4	3,498.23	1/4	3,140.28	1/4	2,781.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,640.52	1/2	4,362.12	1/2	4,074.99	1/2	3,787.85	1/2	3,491.08	1/2	3,132.80	1/2	2,773.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,636.79	3/4	4,356.14	3/4	4,069.01	3/4	3,781.87	3/4	3,483.94	3/4	3,125.33	3/4	2,766.39
1		1		1		1		1	4,632.05	1	4,350.15	1	4,063.02	1	3,775.88	1	3,476.54	1	3,117.85	1	2,758.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,627.32	1/4	4,344.17	1/4	4,057.04	1/4	3,769.90	1/4	3,469.15	1/4	3,110.37	1/4	2,751.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,622.58	1/2	4,338.19	1/2	4,051.06	1/2	3,763.92	1/2	3,461.75	1/2	3,102.89	1/2	2,743.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,617.85	3/4	4,332.21	3/4	4,045.08	3/4	3,757.94	3/4	3,454.36	3/4	3,095.42	3/4	2,736.47
2		2		2		2		2	4,612.24	2	4,326.23	2	4,039.09	2	3,751.95	2	3,446.88	2	3,087.94	2	2,728.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,606.63	1/4	4,320.25	1/4	4,033.11	1/4	3,745.97	1/4	3,439.40	1/4	3,080.46	1/4	2,721.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,601.02	1/2	4,314.27	1/2	4,027.13	1/2	3,739.99	1/2	3,431.92	1/2	3,072.98	1/2	2,714.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,595.42	3/4	4,308.29	3/4	4,021.15	3/4	3,734.01	3/4	3,424.45	3/4	3,065.51	3/4	2,706.56
3		3		3		3		3	4,589.43	3	4,302.30	3	4,015.16	3	3,728.03	3	3,416.97	3	3,058.03	3	2,699.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,583.45	1/4	4,296.32	1/4	4,009.18	1/4	3,722.05	1/4	3,409.49	1/4	3,050.55	1/4	2,691.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,577.47	1/2	4,290.34	1/2	4,003.20	1/2	3,716.07	1/2	3,402.01	1/2	3,043.07	1/2	2,684.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,571.49	3/4	4,284.36	3/4	3,997.22	3/4	3,710.09	3/4	3,394.54	3/4	3,035.59	3/4	2,676.65
4		4		4		4		4	4,565.51	4	4,278.37	4	3,991.23	4	3,704.10	4	3,387.06	4	3,028.11	4	2,669.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,559.53	1/4	4,272.39	1/4	3,985.25	1/4	3,698.12	1/4	3,379.58	1/4	3,020.63	1/4	2,661.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,553.55	1/2	4,266.41	1/2	3,979.27	1/2	3,692.14	1/2	3,372.10	1/2	3,013.15	1/2	2,654.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,547.57	3/4	4,260.43	3/4	3,973.29	3/4	3,686.16	3/4	3,364.63	3/4	3,005.68	3/4	2,646.74
5		5		5		5		5	4,541.58	5	4,254.44	5	3,967.31	5	3,680.17	5	3,357.15	5	2,998.20	5	2,639.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,535.60	1/4	4,248.46	1/4	3,961.33	1/4	3,674.19	1/4	3,349.67	1/4	2,990.72	1/4	2,631.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,529.62	1/2	4,242.48	1/2	3,955.35	1/2	3,668.21	1/2	3,342.19	1/2	2,983.24	1/2	2,624.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,523.64	3/4	4,236.50	3/4	3,949.37	3/4	3,662.23	3/4	3,334.71	3/4	2,975.77	3/4	2,616.83
6		6		6		6		6	4,517.65	6	4,230.51	6	3,943.38	6	3,656.24	6	3,327.23	6	2,968.29	6	2,609.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,511.67	1/4	4,224.53	1/4	3,937.40	1/4	3,650.26	1/4	3,319.75	1/4	2,960.81	1/4	2,601.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,505.69	1/2	4,218.55	1/2	3,931.42	1/2	3,644.28	1/2	3,312.27	1/2	2,953.33	1/2	2,594.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,499.71	3/4	4,212.57	3/4	3,925.44	3/4	3,638.30	3/4	3,304.80	3/4	2,945.86	3/4	2,586.91
7		7		7		7		7	4,493.72	7	4,206.59	7	3,919.45	7	3,632.31	7	3,297.32	7	2,938.38	7	2,579.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,487.74	1/4	4,200.61	1/4	3,913.47	1/4	3,626.33	1/4	3,289.84	1/4	2,930.90	1/4	2,571.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,481.76	1/2	4,194.63	1/2	3,907.49	1/2	3,620.35	1/2	3,282.36	1/2	2,923.42	1/2	2,564.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,475.78	3/4	4,188.65	3/4	3,901.51	3/4	3,614.37	3/4	3,274.89	3/4	2,915.95	3/4	2,557.00
8		8		8		8		8	4,469.79	8	4,182.66	8	3,895.52	8	3,608.39	8	3,267.41	8	2,908.47	8	2,549.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,463.81	1/4	4,176.68	1/4	3,889.54	1/4	3,602.41	1/4	3,259.93	1/4	2,900.99	1/4	2,542.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,457.83	1/2	4,170.70	1/2	3,883.56	1/2	3,596.43	1/2	3,252.45	1/2	2,893.51	1/2	2,534.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,451.85	3/4	4,164.72	3/4	3,877.58	3/4	3,590.45	3/4	3,244.98	3/4	2,886.03	3/4	2,527.07
9		9		9		9		9	4,445.87	9	4,158.73	9	3,871.59	9	3,584.26	9	3,237.50	9	2,878.55	9	2,519.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,439.89	1/4	4,152.75	1/4	3,865.61	1/4	3,578.07	1/4	3,230.02	1/4	2,871.07	1/4	2,512.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,433.91	1/2	4,146.77	1/2	3,859.63	1/2	3,571.88	1/2	3,222.54	1/2	2,863.59	1/2	2,504.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,427.93	3/4	4,140.79	3/4	3,853.65	3/4	3,565.69	3/4	3,215.07	3/4	2,856.12	3/4	2,497.18
10		10		10		10		10	4,421.94	10	4,134.80	10	3,847.67	10	3,559.21	10	3,207.59	10	2,848.64	10	2,489.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,415.96	1/4	4,128.82	1/4	3,841.69	1/4	3,552.73	1/4	3,200.11	1/4	2,841.16	1/4	2,482.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,409.98	1/2	4,122.84	1/2	3,835.71	1/2	3,546.25	1/2	3,192.63	1/2	2,833.68	1/2	2,474.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,404.00	3/4	4,116.86	3/4	3,829.73	3/4	3,539.77	3/4	3,185.15	3/4	2,826.21	3/4	2,467.27
11		11		11		11		11	4,398.01	11	4,110.87	11	3,823.74	11	3,532.95	11	3,177.67	11	2,818.73	11	2,459.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,392.03	1/4	4,104.89	1/4	3,817.76	1/4	3,526.14	1/4	3,170.19	1/4	2,811.25	1/4	2,452.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,386.05	1/2	4,098.91	1/2	3,811.78	1/2	3,519.33	1/2	3,162.71	1/2	2,803.77	1/2	2,444.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,380.07	3/4	4,092.93	3/4	3,805.80	3/4	3,512.52	3/4	3,155.24	3/4	2,796.30	3/4	2,437.35

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 11'-03" OFF CENTERLINE AND 40'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "MMI 2801"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,429.87	0	2,070.93	0	1,711.99	0	1,353.14	0	995.73	0	636.79	0	277.84	0		0		0	
1/4	2,422.39	1/4	2,063.45	1/4	1,704.51	1/4	1,345.70	1/4	988.25	1/4	629.31	1/4	270.36	1/4	1/4		1/4	1/4	1/4
1/2	2,414.91	1/2	2,055.97	1/2	1,697.03	1/2	1,338.25	1/2	980.77	1/2	621.83	1/2	262.88	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,407.44	3/4	2,048.50	3/4	1,689.55	3/4	1,330.81	3/4	973.30	3/4	614.35	3/4	255.41	3/4	3/4	3/4	3/4	3/4	3/4
1	2,399.96	1	2,041.02	1	1,682.07	1	1,323.36	1	965.82	1	606.87	1	247.93	1	1	1	1	1	1
1/4	2,392.48	1/4	2,033.54	1/4	1,674.59	1/4	1,315.92	1/4	958.34	1/4	599.39	1/4	240.45	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,385.00	1/2	2,026.06	1/2	1,667.11	1/2	1,308.48	1/2	950.86	1/2	591.91	1/2	232.97	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,377.53	3/4	2,018.59	3/4	1,659.64	3/4	1,301.04	3/4	943.39	3/4	584.44	3/4	225.50	3/4	3/4	3/4	3/4	3/4	3/4
2	2,370.05	2	2,011.11	2	1,652.16	2	1,293.59	2	935.91	2	576.96	2	218.02	2	2	2	2	2	2
1/4	2,362.57	1/4	2,003.63	1/4	1,644.68	1/4	1,286.15	1/4	928.43	1/4	569.48	1/4	210.54	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,355.09	1/2	1,996.15	1/2	1,637.20	1/2	1,278.70	1/2	920.95	1/2	562.00	1/2	203.06	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,347.62	3/4	1,988.67	3/4	1,629.73	3/4	1,271.26	3/4	913.47	3/4	554.53	3/4	195.59	3/4	3/4	3/4	3/4	3/4	3/4
3	2,340.14	3	1,981.19	3	1,622.25	3	1,263.81	3	905.99	3	547.05	3	188.11	3	3	3	3	3	3
1/4	2,332.66	1/4	1,973.71	1/4	1,614.77	1/4	1,256.37	1/4	898.51	1/4	539.57	1/4	180.63	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,325.18	1/2	1,966.23	1/2	1,607.29	1/2	1,248.93	1/2	891.03	1/2	532.09	1/2	173.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,317.71	3/4	1,958.76	3/4	1,599.82	3/4	1,241.49	3/4	883.56	3/4	524.62	3/4	165.67	3/4	3/4	3/4	3/4	3/4	3/4
4	2,310.23	4	1,951.28	4	1,592.34	4	1,234.04	4	876.08	4	517.14	4	158.19	4	4	4	4	4	4
1/4	2,302.75	1/4	1,943.80	1/4	1,584.86	1/4	1,226.60	1/4	868.60	1/4	509.66	1/4	150.71	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,295.27	1/2	1,936.32	1/2	1,577.38	1/2	1,219.15	1/2	861.12	1/2	502.18	1/2	143.23	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,287.79	3/4	1,928.85	3/4	1,569.91	3/4	1,211.71	3/4	853.65	3/4	494.71	3/4	135.76	3/4	3/4	3/4	3/4	3/4	3/4
5	2,280.31	5	1,921.37	5	1,562.43	5	1,204.26	5	846.17	5	487.23	5	128.28	5	5	5	5	5	5
1/4	2,272.83	1/4	1,913.89	1/4	1,554.95	1/4	1,196.82	1/4	838.69	1/4	479.75	1/4	120.80	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,265.35	1/2	1,906.41	1/2	1,547.47	1/2	1,189.37	1/2	831.21	1/2	472.27	1/2	113.32	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,257.88	3/4	1,898.94	3/4	1,539.99	3/4	1,181.93	3/4	823.74	3/4	464.79	3/4	105.85	3/4	3/4	3/4	3/4	3/4	3/4
6	2,250.40	6	1,891.46	6	1,532.51	6	1,174.48	6	816.26	6	457.31	6	98.37	6	6	6	6	6	6
1/4	2,242.92	1/4	1,883.98	1/4	1,525.03	1/4	1,167.04	1/4	808.78	1/4	449.83	1/4	90.89	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,235.44	1/2	1,876.50	1/2	1,517.55	1/2	1,159.60	1/2	801.31	1/2	442.35	1/2	83.41	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,227.97	3/4	1,869.03	3/4	1,510.08	3/4	1,152.16	3/4	793.83	3/4	434.88	3/4	75.94	3/4	3/4	3/4	3/4	3/4	3/4
7	2,220.49	7	1,861.55	7	1,502.60	7	1,144.71	7	786.35	7	427.40	7	68.92	7	7	7	7	7	7
1/4	2,213.01	1/4	1,854.07	1/4	1,495.12	1/4	1,137.27	1/4	778.87	1/4	419.92	1/4	61.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,205.53	1/2	1,846.59	1/2	1,487.64	1/2	1,129.82	1/2	771.39	1/2	412.44	1/2	54.90	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,198.06	3/4	1,839.11	3/4	1,480.17	3/4	1,122.38	3/4	763.91	3/4	404.97	3/4	47.89	3/4	3/4	3/4	3/4	3/4	3/4
8	2,190.58	8	1,831.63	8	1,472.69	8	1,114.93	8	756.43	8	397.49	8	42.28	8	8	8	8	8	8
1/4	2,183.10	1/4	1,824.15	1/4	1,465.21	1/4	1,107.49	1/4	748.95	1/4	390.01	1/4	36.67	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,175.62	1/2	1,816.67	1/2	1,457.73	1/2	1,100.05	1/2	741.47	1/2	382.53	1/2	31.06	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,168.15	3/4	1,809.20	3/4	1,450.26	3/4	1,092.61	3/4	734.00	3/4	375.06	3/4	25.46	3/4	3/4	3/4	3/4	3/4	3/4
9	2,160.67	9	1,801.72	9	1,442.78	9	1,085.16	9	726.52	9	367.58	9	21.72	9	9	9	9	9	9
1/4	2,153.19	1/4	1,794.24	1/4	1,435.30	1/4	1,077.72	1/4	719.04	1/4	360.10	1/4	17.98	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,145.71	1/2	1,786.76	1/2	1,427.82	1/2	1,070.27	1/2	711.56	1/2	352.62	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,138.23	3/4	1,779.29	3/4	1,420.35	3/4	1,062.83	3/4	704.09	3/4	345.15	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,130.67	10	1,771.81	10	1,412.87	10	1,055.38	10	696.61	10	337.67	10	10	10	10	10	10	10	10
1/4	2,123.11	1/4	1,764.33	1/4	1,405.39	1/4	1,047.94	1/4	689.13	1/4	330.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,115.55	1/2	1,756.85	1/2	1,397.91	1/2	1,040.49	1/2	681.65	1/2	322.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,108.00	3/4	1,749.38	3/4	1,390.43	3/4	1,033.05	3/4	674.18	3/4	315.23	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	2,100.60	11	1,741.90	11	1,382.97	11	1,025.59	11	666.70	11	307.75	11	11	11	11	11	11	11	11
1/4	2,093.20	1/4	1,734.42	1/4	1,375.51	1/4	1,018.13	1/4	659.22	1/4	300.27	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,085.80	1/2	1,726.94	1/2	1,368.05	1/2	1,010.67	1/2	651.74	1/2	292.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,078.41	3/4	1,719.47	3/4	1,360.59	3/4	1,003.21	3/4	644.27	3/4	285.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/04/2005 INSP.  
RECALCULATED: 10/21/2018  
VERIFIED: 09/28/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "MMI 2801"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

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	4,644.26	0	4,368.10	0	4,080.97	0	3,793.83	0	3,498.23	0	3,140.28	0	2,781.34
1/4		1/4		1/4		1/4	4,640.52	1/4	4,362.12	1/4	4,074.99	1/4	3,787.85	1/4	3,491.08	1/4	3,132.80	1/4	2,773.86
1/2		1/2		1/2		1/2	4,636.79	1/2	4,356.14	1/2	4,069.01	1/2	3,781.87	1/2	3,483.94	1/2	3,125.33	1/2	2,766.39
3/4		3/4		3/4		3/4	4,632.05	3/4	4,350.15	3/4	4,063.02	3/4	3,775.88	3/4	3,476.54	3/4	3,117.85	3/4	2,758.91
1		1		1		1	4,627.32	1	4,344.17	1	4,057.04	1	3,769.90	1	3,469.15	1	3,110.37	1	2,751.43
1/4		1/4		1/4		1/4	4,622.58	1/4	4,338.19	1/4	4,051.06	1/4	3,763.92	1/4	3,461.75	1/4	3,102.89	1/4	2,743.95
1/2		1/2		1/2		1/2	4,617.85	1/2	4,332.21	1/2	4,045.08	1/2	3,757.94	1/2	3,454.36	1/2	3,095.42	1/2	2,736.47
3/4		3/4		3/4		3/4	4,612.24	3/4	4,326.23	3/4	4,039.09	3/4	3,751.95	3/4	3,446.88	3/4	3,087.94	3/4	2,728.99
2		2		2		2	4,606.63	2	4,320.25	2	4,033.11	2	3,745.97	2	3,439.40	2	3,080.46	2	2,721.51
1/4		1/4		1/4		1/4	4,601.02	1/4	4,314.27	1/4	4,027.13	1/4	3,739.99	1/4	3,431.92	1/4	3,072.98	1/4	2,714.03
1/2		1/2		1/2		1/2	4,595.42	1/2	4,308.29	1/2	4,021.15	1/2	3,734.01	1/2	3,424.45	1/2	3,065.51	1/2	2,706.56
3/4		3/4		3/4		3/4	4,589.43	3/4	4,302.30	3/4	4,015.16	3/4	3,728.03	3/4	3,416.97	3/4	3,058.03	3/4	2,699.08
3		3		3		3	4,583.45	3	4,296.32	3	4,009.18	3	3,722.05	3	3,409.49	3	3,050.55	3	2,691.60
1/4		1/4		1/4		1/4	4,577.47	1/4	4,290.34	1/4	4,003.20	1/4	3,716.07	1/4	3,402.01	1/4	3,043.07	1/4	2,684.12
1/2		1/2		1/2		1/2	4,571.49	1/2	4,284.36	1/2	3,997.22	1/2	3,710.09	1/2	3,394.54	1/2	3,035.59	1/2	2,676.65
3/4		3/4		3/4		3/4	4,565.51	3/4	4,278.37	3/4	3,991.23	3/4	3,704.10	3/4	3,387.06	3/4	3,028.11	3/4	2,669.17
4		4		4		4	4,559.53	4	4,272.39	4	3,985.25	4	3,698.12	4	3,379.58	4	3,020.63	4	2,661.69
1/4		1/4		1/4		1/4	4,553.55	1/4	4,266.41	1/4	3,979.27	1/4	3,692.14	1/4	3,372.10	1/4	3,013.15	1/4	2,654.21
1/2		1/2		1/2		1/2	4,547.57	1/2	4,260.43	1/2	3,973.29	1/2	3,686.16	1/2	3,364.63	1/2	3,005.68	1/2	2,646.74
3/4		3/4		3/4		3/4	4,541.58	3/4	4,254.44	3/4	3,967.31	3/4	3,680.17	3/4	3,357.15	3/4	2,998.20	3/4	2,639.26
5		5		5		5	4,535.60	5	4,248.46	5	3,961.33	5	3,674.19	5	3,349.67	5	2,990.72	5	2,631.78
1/4		1/4		1/4		1/4	4,529.62	1/4	4,242.48	1/4	3,955.35	1/4	3,668.21	1/4	3,342.19	1/4	2,983.24	1/4	2,624.30
1/2		1/2		1/2		1/2	4,523.64	1/2	4,236.50	1/2	3,949.37	1/2	3,662.23	1/2	3,334.71	1/2	2,975.77	1/2	2,616.83
3/4		3/4		3/4		3/4	4,517.65	3/4	4,230.51	3/4	3,943.38	3/4	3,656.24	3/4	3,327.23	3/4	2,968.29	3/4	2,609.35
6		6		6		6	4,511.67	6	4,224.53	6	3,937.40	6	3,650.26	6	3,319.75	6	2,960.81	6	2,601.87
1/4		1/4		1/4		1/4	4,505.69	1/4	4,218.55	1/4	3,931.42	1/4	3,644.28	1/4	3,312.27	1/4	2,953.33	1/4	2,594.39
1/2		1/2		1/2		1/2	4,499.71	1/2	4,212.57	1/2	3,925.44	1/2	3,638.30	1/2	3,304.80	1/2	2,945.86	1/2	2,586.91
3/4		3/4		3/4		3/4	4,493.72	3/4	4,206.59	3/4	3,919.45	3/4	3,632.31	3/4	3,297.32	3/4	2,938.38	3/4	2,579.43
7		7		7		7	4,487.74	7	4,200.61	7	3,913.47	7	3,626.33	7	3,289.84	7	2,930.90	7	2,571.95
1/4		1/4		1/4		1/4	4,481.76	1/4	4,194.63	1/4	3,907.49	1/4	3,620.35	1/4	3,282.36	1/4	2,923.42	1/4	2,564.47
1/2		1/2		1/2		1/2	4,475.78	1/2	4,188.65	1/2	3,901.51	1/2	3,614.37	1/2	3,274.89	1/2	2,915.95	1/2	2,557.00
3/4		3/4		3/4		3/4	4,469.79	3/4	4,182.66	3/4	3,895.52	3/4	3,608.39	3/4	3,267.41	3/4	2,908.47	3/4	2,549.51
8		8		8		8	4,463.81	8	4,176.68	8	3,889.54	8	3,602.41	8	3,259.93	8	2,900.99	8	2,542.03
1/4		1/4		1/4		1/4	4,457.83	1/4	4,170.70	1/4	3,883.56	1/4	3,596.43	1/4	3,252.45	1/4	2,893.51	1/4	2,534.55
1/2		1/2		1/2		1/2	4,451.85	1/2	4,164.72	1/2	3,877.58	1/2	3,590.45	1/2	3,244.98	1/2	2,886.03	1/2	2,527.07
3/4		3/4		3/4		3/4	4,445.87	3/4	4,158.73	3/4	3,871.59	3/4	3,584.26	3/4	3,237.50	3/4	2,878.55	3/4	2,519.59
9		9		9		9	4,439.89	9	4,152.75	9	3,865.61	9	3,578.07	9	3,230.02	9	2,871.07	9	2,512.12
1/4		1/4		1/4		1/4	4,433.91	1/4	4,146.77	1/4	3,859.63	1/4	3,571.88	1/4	3,222.54	1/4	2,863.59	1/4	2,504.65
1/2		1/2		1/2		1/2	4,427.93	1/2	4,140.79	1/2	3,853.65	1/2	3,565.69	1/2	3,215.07	1/2	2,856.12	1/2	2,497.18
3/4		3/4		3/4		3/4	4,421.94	3/4	4,134.80	3/4	3,847.67	3/4	3,559.21	3/4	3,207.59	3/4	2,848.64	3/4	2,489.70
10		10		10		10	4,415.96	10	4,128.82	10	3,841.69	10	3,552.73	10	3,200.11	10	2,841.16	10	2,482.22
1/4		1/4		1/4		1/4	4,409.98	1/4	4,122.84	1/4	3,835.71	1/4	3,546.25	1/4	3,192.63	1/4	2,833.68	1/4	2,474.74
1/2		1/2		1/2		1/2	4,404.00	1/2	4,116.86	1/2	3,829.73	1/2	3,539.77	1/2	3,185.15	1/2	2,826.21	1/2	2,467.27
3/4		3/4		3/4		3/4	4,398.01	3/4	4,110.87	3/4	3,823.74	3/4	3,532.95	3/4	3,177.67	3/4	2,818.73	3/4	2,459.79
11		11		11		11	4,392.03	11	4,104.89	11	3,817.76	11	3,526.14	11	3,170.19	11	2,811.25	11	2,452.31
1/4		1/4		1/4		1/4	4,386.05	1/4	4,098.91	1/4	3,811.78	1/4	3,519.33	1/4	3,162.71	1/4	2,803.77	1/4	2,444.83
1/2		1/2		1/2		1/2	4,380.07	1/2	4,092.93	1/2	3,805.80	1/2	3,512.52	1/2	3,155.24	1/2	2,796.30	1/2	2,437.35
3/4		3/4		3/4		3/4	4,374.08	3/4	4,086.95	3/4	3,799.81	3/4	3,505.37	3/4	3,147.76	3/4	2,788.82	3/4	2,429.87

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 11'-03" OFF CENTERLINE AND 40'-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 2801"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-09"

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	2,422.39	0	2,063.45	0	1,704.51	0	1,345.70	0	988.25	0	629.31	0	270.36	0		0		0	
1/4	2,414.91	1/4	2,055.97	1/4	1,697.03	1/4	1,338.25	1/4	980.77	1/4	621.83	1/4	262.88	1/4	1/4	1/4		1/4	1/4
1/2	2,407.44	1/2	2,048.50	1/2	1,689.55	1/2	1,330.81	1/2	973.30	1/2	614.35	1/2	255.41	1/2	1/2	1/2		1/2	1/2
3/4	2,399.96	3/4	2,041.02	3/4	1,682.07	3/4	1,323.36	3/4	965.82	3/4	606.87	3/4	247.93	3/4	3/4	3/4		3/4	3/4
1	2,392.48	1	2,033.54	1	1,674.59	1	1,315.92	1	958.34	1	599.39	1	240.45	1	1	1		1	1
1/4	2,385.00	1/4	2,026.06	1/4	1,667.11	1/4	1,308.48	1/4	950.86	1/4	591.91	1/4	232.97	1/4	1/4	1/4		1/4	1/4
1/2	2,377.53	1/2	2,018.59	1/2	1,659.64	1/2	1,301.04	1/2	943.39	1/2	584.44	1/2	225.50	1/2	1/2	1/2		1/2	1/2
3/4	2,370.05	3/4	2,011.11	3/4	1,652.16	3/4	1,293.59	3/4	935.91	3/4	576.96	3/4	218.02	3/4	3/4	3/4		3/4	3/4
2	2,362.57	2	2,003.63	2	1,644.68	2	1,286.15	2	928.43	2	569.48	2	210.54	2	2	2		2	2
1/4	2,355.09	1/4	1,996.15	1/4	1,637.20	1/4	1,278.70	1/4	920.95	1/4	562.00	1/4	203.06	1/4	1/4	1/4		1/4	1/4
1/2	2,347.62	1/2	1,988.67	1/2	1,629.73	1/2	1,271.26	1/2	913.47	1/2	554.53	1/2	195.59	1/2	1/2	1/2		1/2	1/2
3/4	2,340.14	3/4	1,981.19	3/4	1,622.25	3/4	1,263.81	3/4	905.99	3/4	547.05	3/4	188.11	3/4	3/4	3/4		3/4	3/4
3	2,332.66	3	1,973.71	3	1,614.77	3	1,256.37	3	898.51	3	539.57	3	180.63	3	3	3		3	3
1/4	2,325.18	1/4	1,966.23	1/4	1,607.29	1/4	1,248.93	1/4	891.03	1/4	532.09	1/4	173.15	1/4	1/4	1/4		1/4	1/4
1/2	2,317.71	1/2	1,958.76	1/2	1,599.82	1/2	1,241.49	1/2	883.56	1/2	524.62	1/2	165.67	1/2	1/2	1/2		1/2	1/2
3/4	2,310.23	3/4	1,951.28	3/4	1,592.34	3/4	1,234.04	3/4	876.08	3/4	517.14	3/4	158.19	3/4	3/4	3/4		3/4	3/4
4	2,302.75	4	1,943.80	4	1,584.86	4	1,226.60	4	868.60	4	509.66	4	150.71	4	4	4		4	4
1/4	2,295.27	1/4	1,936.32	1/4	1,577.38	1/4	1,219.15	1/4	861.12	1/4	502.18	1/4	143.23	1/4	1/4	1/4		1/4	1/4
1/2	2,287.79	1/2	1,928.85	1/2	1,569.91	1/2	1,211.71	1/2	853.65	1/2	494.71	1/2	135.76	1/2	1/2	1/2		1/2	1/2
3/4	2,280.31	3/4	1,921.37	3/4	1,562.43	3/4	1,204.26	3/4	846.17	3/4	487.23	3/4	128.28	3/4	3/4	3/4		3/4	3/4
5	2,272.83	5	1,913.89	5	1,554.95	5	1,196.82	5	838.69	5	479.75	5	120.80	5	5	5		5	5
1/4	2,265.35	1/4	1,906.41	1/4	1,547.47	1/4	1,189.37	1/4	831.21	1/4	472.27	1/4	113.32	1/4	1/4	1/4		1/4	1/4
1/2	2,257.88	1/2	1,898.94	1/2	1,539.99	1/2	1,181.93	1/2	823.74	1/2	464.79	1/2	105.85	1/2	1/2	1/2		1/2	1/2
3/4	2,250.40	3/4	1,891.46	3/4	1,532.51	3/4	1,174.48	3/4	816.26	3/4	457.31	3/4	98.37	3/4	3/4	3/4		3/4	3/4
6	2,242.92	6	1,883.98	6	1,525.03	6	1,167.04	6	808.78	6	449.83	6	90.89	6	6	6		6	6
1/4	2,235.44	1/4	1,876.50	1/4	1,517.55	1/4	1,159.60	1/4	801.31	1/4	442.35	1/4	83.41	1/4	1/4	1/4		1/4	1/4
1/2	2,227.97	1/2	1,869.03	1/2	1,510.08	1/2	1,152.16	1/2	793.83	1/2	434.88	1/2	75.94	1/2	1/2	1/2		1/2	1/2
3/4	2,220.49	3/4	1,861.55	3/4	1,502.60	3/4	1,144.71	3/4	786.35	3/4	427.40	3/4	68.92	3/4	3/4	3/4		3/4	3/4
7	2,213.01	7	1,854.07	7	1,495.12	7	1,137.27	7	778.87	7	419.92	7	61.91	7	7	7		7	7
1/4	2,205.53	1/4	1,846.59	1/4	1,487.64	1/4	1,129.82	1/4	771.39	1/4	412.44	1/4	54.90	1/4	1/4	1/4		1/4	1/4
1/2	2,198.06	1/2	1,839.11	1/2	1,480.17	1/2	1,122.38	1/2	763.91	1/2	404.97	1/2	47.89	1/2	1/2	1/2		1/2	1/2
3/4	2,190.58	3/4	1,831.63	3/4	1,472.69	3/4	1,114.93	3/4	756.43	3/4	397.49	3/4	42.28	3/4	3/4	3/4		3/4	3/4
8	2,183.10	8	1,824.15	8	1,465.21	8	1,107.49	8	748.95	8	390.01	8	36.67	8	8	8		8	8
1/4	2,175.62	1/4	1,816.67	1/4	1,457.73	1/4	1,100.05	1/4	741.47	1/4	382.53	1/4	31.06	1/4	1/4	1/4		1/4	1/4
1/2	2,168.15	1/2	1,809.20	1/2	1,450.26	1/2	1,092.61	1/2	734.00	1/2	375.06	1/2	25.46	1/2	1/2	1/2		1/2	1/2
3/4	2,160.67	3/4	1,801.72	3/4	1,442.78	3/4	1,085.16	3/4	726.52	3/4	367.58	3/4	21.72	3/4	3/4	3/4		3/4	3/4
9	2,153.19	9	1,794.24	9	1,435.30	9	1,077.72	9	719.04	9	360.10	9	17.98	9	9	9		9	9
1/4	2,145.71	1/4	1,786.76	1/4	1,427.82	1/4	1,070.27	1/4	711.56	1/4	352.62	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,138.23	1/2	1,779.29	1/2	1,420.35	1/2	1,062.83	1/2	704.09	1/2	345.15	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,130.75	3/4	1,771.81	3/4	1,412.87	3/4	1,055.38	3/4	696.61	3/4	337.67	3/4		3/4	3/4	3/4		3/4	3/4
10	2,123.27	10	1,764.33	10	1,405.39	10	1,047.94	10	689.13	10	330.19	10		10	10	10		10	10
1/4	2,115.79	1/4	1,756.85	1/4	1,397.91	1/4	1,040.49	1/4	681.65	1/4	322.71	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,108.31	1/2	1,749.38	1/2	1,390.43	1/2	1,033.05	1/2	674.18	1/2	315.23	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,100.83	3/4	1,741.90	3/4	1,382.97	3/4	1,025.59	3/4	666.70	3/4	307.75	3/4		3/4	3/4	3/4		3/4	3/4
11	2,093.35	11	1,734.42	11	1,375.51	11	1,018.13	11	659.22	11	300.27	11		11	11	11		11	11
1/4	2,085.87	1/4	1,726.94	1/4	1,368.05	1/4	1,010.67	1/4	651.74	1/4	292.79	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,078.39	1/2	1,719.47	1/2	1,360.59	1/2	1,003.21	1/2	644.27	1/2	285.32	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,070.91	3/4	1,711.99	3/4	1,353.14	3/4	995.73	3/4	636.79	3/4	277.84	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/04/2005 INSP.  
RECALCULATED: 10/21/2018  
VERIFIED: 09/28/2023 JS

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

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023



# BARGE "MMI 2801"

## PORT 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	446	0	891	0	1,337	0	1,783	0		0		0		0		0	
1/4	9	1/4	455	1/4	901	1/4	1,346	1/4	1,792	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	464	1/2	910	1/2	1,356	1/2	1,801	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	474	3/4	919	3/4	1,365	3/4	1,811	3/4		3/4		3/4		3/4		3/4	
1	37	1	483	1	929	1	1,374	1	1,820	1		1		1		1		1	
1/4	46	1/4	492	1/4	938	1/4	1,384	1/4	1,829	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	501	1/2	947	1/2	1,393	1/2	1,839	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	511	3/4	956	3/4	1,402	3/4	1,848	3/4		3/4		3/4		3/4		3/4	
2	74	2	520	2	966	2	1,411	2	1,857	2		2		2		2		2	
1/4	84	1/4	529	1/4	975	1/4	1,421	1/4	1,866	1/4		1/4		1/4		1/4		1/4	
1/2	93	1/2	539	1/2	984	1/2	1,430	1/2	1,876	1/2		1/2		1/2		1/2		1/2	
3/4	102	3/4	548	3/4	994	3/4	1,439	3/4	1,885	3/4		3/4		3/4		3/4		3/4	
3	111	3	557	3	1,003	3	1,449	3	1,894	3		3		3		3		3	
1/4	121	1/4	566	1/4	1,012	1/4	1,458	1/4	1,904	1/4		1/4		1/4		1/4		1/4	
1/2	130	1/2	576	1/2	1,021	1/2	1,467	1/2	1,913	1/2		1/2		1/2		1/2		1/2	
3/4	139	3/4	585	3/4	1,031	3/4	1,476	3/4	1,922	3/4		3/4		3/4		3/4		3/4	
4	149	4	594	4	1,040	4	1,486	4	1,931	4		4		4		4		4	
1/4	158	1/4	604	1/4	1,049	1/4	1,495	1/4	1,941	1/4		1/4		1/4		1/4		1/4	
1/2	167	1/2	613	1/2	1,059	1/2	1,504	1/2	1,950	1/2		1/2		1/2		1/2		1/2	
3/4	176	3/4	622	3/4	1,068	3/4	1,514	3/4	1,959	3/4		3/4		3/4		3/4		3/4	
5	186	5	631	5	1,077	5	1,523	5	1,969	5		5		5		5		5	
1/4	195	1/4	641	1/4	1,086	1/4	1,532	1/4	1,978	1/4		1/4		1/4		1/4		1/4	
1/2	204	1/2	650	1/2	1,096	1/2	1,541	1/2	1,987	1/2		1/2		1/2		1/2		1/2	
3/4	214	3/4	659	3/4	1,105	3/4	1,551	3/4	1,996	3/4		3/4		3/4		3/4		3/4	
6	223	6	669	6	1,114	6	1,560	6	=====	6		6		6		6		6	
1/4	232	1/4	678	1/4	1,124	1/4	1,569	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	241	1/2	687	1/2	1,133	1/2	1,579	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	251	3/4	696	3/4	1,142	3/4	1,588	3/4		3/4		3/4		3/4		3/4		3/4	
7	260	7	706	7	1,151	7	1,597	7		7		7		7		7		7	
1/4	269	1/4	715	1/4	1,161	1/4	1,606	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	279	1/2	724	1/2	1,170	1/2	1,616	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	288	3/4	734	3/4	1,179	3/4	1,625	3/4		3/4		3/4		3/4		3/4		3/4	
8	297	8	743	8	1,189	8	1,634	8		8		8		8		8		8	
1/4	306	1/4	752	1/4	1,198	1/4	1,644	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	316	1/2	761	1/2	1,207	1/2	1,653	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	325	3/4	771	3/4	1,216	3/4	1,662	3/4		3/4		3/4		3/4		3/4		3/4	
9	334	9	780	9	1,226	9	1,671	9		9		9		9		9		9	
1/4	344	1/4	789	1/4	1,235	1/4	1,681	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	353	1/2	799	1/2	1,244	1/2	1,690	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	362	3/4	808	3/4	1,254	3/4	1,699	3/4		3/4		3/4		3/4		3/4		3/4	
10	371	10	817	10	1,263	10	1,709	10		10		10		10		10		10	
1/4	381	1/4	826	1/4	1,272	1/4	1,718	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	390	1/2	836	1/2	1,281	1/2	1,727	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	399	3/4	845	3/4	1,291	3/4	1,736	3/4		3/4		3/4		3/4		3/4		3/4	
11	409	11	854	11	1,300	11	1,746	11		11		11		11		11		11	
1/4	418	1/4	864	1/4	1,309	1/4	1,755	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	427	1/2	873	1/2	1,319	1/2	1,764	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	436	3/4	882	3/4	1,328	3/4	1,774	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.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES

STRAPPED: 09/28/2023 JS  
 CALCULATED: 10/03/2023 CL  
 PRINTED: 10/03/2023 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 10/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "MMI 2801"

## STBD 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	446	0	891	0	1,337	0	1,783	0		0		0		0		0	
1/4	9	1/4	455	1/4	901	1/4	1,346	1/4	1,792	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	464	1/2	910	1/2	1,356	1/2	1,801	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	474	3/4	919	3/4	1,365	3/4	1,811	3/4		3/4		3/4		3/4		3/4	
1	37	1	483	1	929	1	1,374	1	1,820	1		1		1		1		1	
1/4	46	1/4	492	1/4	938	1/4	1,384	1/4	1,829	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	501	1/2	947	1/2	1,393	1/2	1,839	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	511	3/4	956	3/4	1,402	3/4	1,848	3/4		3/4		3/4		3/4		3/4	
2	74	2	520	2	966	2	1,411	2	1,857	2		2		2		2		2	
1/4	84	1/4	529	1/4	975	1/4	1,421	1/4	1,866	1/4		1/4		1/4		1/4		1/4	
1/2	93	1/2	539	1/2	984	1/2	1,430	1/2	1,876	1/2		1/2		1/2		1/2		1/2	
3/4	102	3/4	548	3/4	994	3/4	1,439	3/4	1,885	3/4		3/4		3/4		3/4		3/4	
3	111	3	557	3	1,003	3	1,449	3	1,894	3		3		3		3		3	
1/4	121	1/4	566	1/4	1,012	1/4	1,458	1/4	1,904	1/4		1/4		1/4		1/4		1/4	
1/2	130	1/2	576	1/2	1,021	1/2	1,467	1/2	1,913	1/2		1/2		1/2		1/2		1/2	
3/4	139	3/4	585	3/4	1,031	3/4	1,476	3/4	1,922	3/4		3/4		3/4		3/4		3/4	
4	149	4	594	4	1,040	4	1,486	4	1,931	4		4		4		4		4	
1/4	158	1/4	604	1/4	1,049	1/4	1,495	1/4	1,941	1/4		1/4		1/4		1/4		1/4	
1/2	167	1/2	613	1/2	1,059	1/2	1,504	1/2	1,950	1/2		1/2		1/2		1/2		1/2	
3/4	176	3/4	622	3/4	1,068	3/4	1,514	3/4	1,959	3/4		3/4		3/4		3/4		3/4	
5	186	5	631	5	1,077	5	1,523	5	1,969	5		5		5		5		5	
1/4	195	1/4	641	1/4	1,086	1/4	1,532	1/4	1,978	1/4		1/4		1/4		1/4		1/4	
1/2	204	1/2	650	1/2	1,096	1/2	1,541	1/2	1,987	1/2		1/2		1/2		1/2		1/2	
3/4	214	3/4	659	3/4	1,105	3/4	1,551	3/4	1,996	3/4		3/4		3/4		3/4		3/4	
6	223	6	669	6	1,114	6	1,560	6	=====	6		6		6		6		6	
1/4	232	1/4	678	1/4	1,124	1/4	1,569	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	241	1/2	687	1/2	1,133	1/2	1,579	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	251	3/4	696	3/4	1,142	3/4	1,588	3/4		3/4		3/4		3/4		3/4		3/4	
7	260	7	706	7	1,151	7	1,597	7		7		7		7		7		7	
1/4	269	1/4	715	1/4	1,161	1/4	1,606	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	279	1/2	724	1/2	1,170	1/2	1,616	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	288	3/4	734	3/4	1,179	3/4	1,625	3/4		3/4		3/4		3/4		3/4		3/4	
8	297	8	743	8	1,189	8	1,634	8		8		8		8		8		8	
1/4	306	1/4	752	1/4	1,198	1/4	1,644	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	316	1/2	761	1/2	1,207	1/2	1,653	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	325	3/4	771	3/4	1,216	3/4	1,662	3/4		3/4		3/4		3/4		3/4		3/4	
9	334	9	780	9	1,226	9	1,671	9		9		9		9		9		9	
1/4	344	1/4	789	1/4	1,235	1/4	1,681	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	353	1/2	799	1/2	1,244	1/2	1,690	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	362	3/4	808	3/4	1,254	3/4	1,699	3/4		3/4		3/4		3/4		3/4		3/4	
10	371	10	817	10	1,263	10	1,709	10		10		10		10		10		10	
1/4	381	1/4	826	1/4	1,272	1/4	1,718	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	390	1/2	836	1/2	1,281	1/2	1,727	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	399	3/4	845	3/4	1,291	3/4	1,736	3/4		3/4		3/4		3/4		3/4		3/4	
11	409	11	854	11	1,300	11	1,746	11		11		11		11		11		11	
1/4	418	1/4	864	1/4	1,309	1/4	1,755	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	427	1/2	873	1/2	1,319	1/2	1,764	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	436	3/4	882	3/4	1,328	3/4	1,774	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.  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES

STRAPPED: 09/28/2023 JS  
 CALCULATED: 10/03/2023 CL  
 PRINTED: 10/03/2023 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 10/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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