



# BARGE "MMI 2802"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS - 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

February 17, 2020

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "MMI 2802"

## 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	2,051.81	0	1,740.58	0	1,429.35	0	1,118.21	0	809.74	0	498.73	0	201.16	0		0		0	
1/4	2,045.33	1/4	1,734.10	1/4	1,422.87	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	2,038.85	1/2	1,727.62	1/2	1,416.38	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	2,032.36	3/4	1,721.13	3/4	1,409.90	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	2,025.88	1	1,714.65	1	1,403.41	1	1,092.48	1	783.85	1	472.81	1	178.67	1	1		1		1
1/4	2,019.40	1/4	1,708.17	1/4	1,396.93	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	2,012.91	1/2	1,701.68	1/2	1,390.45	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	2,006.43	3/4	1,695.20	3/4	1,383.96	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	1,999.94	2	1,688.71	2	1,377.48	2	1,066.79	2	757.93	2	446.89	2	156.56	2	2		2		2
1/4	1,993.46	1/4	1,682.23	1/4	1,371.00	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	1,986.98	1/2	1,675.74	1/2	1,364.51	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	1,980.49	3/4	1,669.26	3/4	1,358.03	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	1,974.01	3	1,662.77	3	1,351.54	3	1,041.09	3	732.01	3	420.97	3	134.85	3	3		3		3
1/4	1,967.53	1/4	1,656.29	1/4	1,345.06	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	1,961.04	1/2	1,649.81	1/2	1,338.58	1/2	1,028.24	1/2	719.05	1/2	408.05	1/2	124.14	1/2	1/2		1/2		1/2
3/4	1,954.56	3/4	1,643.32	3/4	1,332.09	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	1,948.07	4	1,636.84	4	1,325.61	4	1,015.39	4	706.09	4	395.18	4	113.53	4	4		4		4
1/4	1,941.59	1/4	1,630.36	1/4	1,319.13	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	1,935.10	1/2	1,623.87	1/2	1,312.64	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	1,928.62	3/4	1,617.39	3/4	1,306.16	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	1,922.13	5	1,610.90	5	1,299.67	5	989.70	5	680.17	5	369.58	5	92.61	5	5		5		5
1/4	1,915.65	1/4	1,604.42	1/4	1,293.19	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	1,909.17	1/2	1,597.94	1/2	1,286.70	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	1,902.68	3/4	1,591.45	3/4	1,280.22	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	1,896.20	6	1,584.97	6	1,273.73	6	964.00	6	654.25	6	344.32	6	72.08	6	6		6		6
1/4	1,889.72	1/4	1,578.49	1/4	1,267.25	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	1,883.23	1/2	1,572.00	1/2	1,260.77	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	1,876.75	3/4	1,565.52	3/4	1,254.28	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	1,870.26	7	1,559.03	7	1,247.80	7	938.31	7	628.33	7	319.45	7	51.95	7	7		7		7
1/4	1,863.78	1/4	1,552.55	1/4	1,241.32	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	1,857.30	1/2	1,546.06	1/2	1,234.83	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	1,850.81	3/4	1,539.58	3/4	1,228.35	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	1,844.33	8	1,533.09	8	1,221.86	8	912.61	8	602.41	8	294.98	8	33.15	8	8		8		8
1/4	1,837.85	1/4	1,526.61	1/4	1,215.38	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	1,831.36	1/2	1,520.13	1/2	1,208.90	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	1,824.88	3/4	1,513.64	3/4	1,202.41	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	1,818.39	9	1,507.16	9	1,195.93	9	886.91	9	576.49	9	270.90	9	17.85	9	9		9		9
1/4	1,811.91	1/4	1,500.68	1/4	1,189.45	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	1,805.42	1/2	1,494.19	1/2	1,182.96	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	1,798.94	3/4	1,487.71	3/4	1,176.48	3/4	867.64	3/4	557.05	3/4	253.12	3/4	9.81	3/4	3/4		3/4		3/4
10	1,792.45	10	1,481.22	10	1,169.99	10	861.22	10	550.57	10	247.24	10		10	10		10		10
1/4	1,785.97	1/4	1,474.74	1/4	1,163.51	1/4	854.80	1/4	544.09	1/4	241.35	1/4		1/4	1/4		1/4		1/4
1/2	1,779.49	1/2	1,468.26	1/2	1,157.02	1/2	848.37	1/2	537.61	1/2	235.57	1/2		1/2	1/2		1/2		1/2
3/4	1,773.00	3/4	1,461.77	3/4	1,150.54	3/4	841.95	3/4	531.13	3/4	229.79	3/4		3/4	3/4		3/4		3/4
11	1,766.52	11	1,455.29	11	1,144.05	11	835.52	11	524.65	11	224.01	11		11	11		11		11
1/4	1,760.04	1/4	1,448.81	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	1,753.55	1/2	1,442.32	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	1,747.07	3/4	1,435.84	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: 01/05/2005 INSP.  
RECALCULATED: 02/17/2020 PMA  
REPRINTED: 02/17/2020 PMA

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2020

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



# BARGE "MMI 2802"

## 1 STBD 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	3,932.18	0	3,620.94	0	3,309.71	0	2,998.48	0	2,687.25	0	2,376.02		
1/4		1/4		1/4		1/4		1/4	3,925.70	1/4	3,614.46	1/4	3,303.23	1/4	2,992.00	1/4	2,680.76	1/4	2,369.53		
1/2		1/2		1/2		1/2		1/2	3,919.21	1/2	3,607.97	1/2	3,296.74	1/2	2,985.51	1/2	2,674.28	1/2	2,363.05		
3/4		3/4		3/4		3/4		3/4	3,912.73	3/4	3,601.49	3/4	3,290.26	3/4	2,979.03	3/4	2,667.80	3/4	2,356.57		
1		1		1		1		1	3,906.25	1	3,595.01	1	3,283.78	1	2,972.54	1	2,661.31	1	2,350.08		
1/4		1/4		1/4		1/4		1/4	4,199.07	1/4	3,899.76	1/4	3,588.52	1/4	3,277.29	1/4	2,966.06	1/4	2,654.83	1/4	2,343.60
1/2		1/2		1/2		1/2		1/2	4,195.02	1/2	3,893.28	1/2	3,582.04	1/2	3,270.81	1/2	2,959.57	1/2	2,648.34	1/2	2,337.11
3/4		3/4		3/4		3/4		3/4	4,190.97	3/4	3,886.79	3/4	3,575.56	3/4	3,264.33	3/4	2,953.09	3/4	2,641.86	3/4	2,330.63
2		2		2		2		2	4,185.84	2	3,880.31	2	3,569.07	2	3,257.84	2	2,946.61	2	2,635.38	2	2,324.14
1/4		1/4		1/4		1/4		1/4	4,180.71	1/4	3,873.82	1/4	3,562.59	1/4	3,251.36	1/4	2,940.12	1/4	2,628.89	1/4	2,317.66
1/2		1/2		1/2		1/2		1/2	4,175.58	1/2	3,867.34	1/2	3,556.10	1/2	3,244.87	1/2	2,933.64	1/2	2,622.41	1/2	2,311.17
3/4		3/4		3/4		3/4		3/4	4,170.45	3/4	3,860.85	3/4	3,549.62	3/4	3,238.39	3/4	2,927.16	3/4	2,615.93	3/4	2,304.69
3		3		3		3		3	4,164.38	3	3,854.37	3	3,543.14	3	3,231.90	3	2,920.67	3	2,609.44	3	2,298.21
1/4		1/4		1/4		1/4		1/4	4,158.30	1/4	3,847.89	1/4	3,536.65	1/4	3,225.42	1/4	2,914.19	1/4	2,602.96	1/4	2,291.72
1/2		1/2		1/2		1/2		1/2	4,152.23	1/2	3,841.40	1/2	3,530.17	1/2	3,218.93	1/2	2,907.70	1/2	2,596.47	1/2	2,285.24
3/4		3/4		3/4		3/4		3/4	4,146.15	3/4	3,834.92	3/4	3,523.69	3/4	3,212.45	3/4	2,901.22	3/4	2,589.99	3/4	2,278.76
4		4		4		4		4	4,139.67	4	3,828.44	4	3,517.20	4	3,205.97	4	2,894.74	4	2,583.50	4	2,272.27
1/4		1/4		1/4		1/4		1/4	4,133.18	1/4	3,821.95	1/4	3,510.72	1/4	3,199.48	1/4	2,888.25	1/4	2,577.02	1/4	2,265.79
1/2		1/2		1/2		1/2		1/2	4,126.70	1/2	3,815.47	1/2	3,504.23	1/2	3,193.00	1/2	2,881.77	1/2	2,570.53	1/2	2,259.30
3/4		3/4		3/4		3/4		3/4	4,120.21	3/4	3,808.98	3/4	3,497.75	3/4	3,186.52	3/4	2,875.29	3/4	2,564.05	3/4	2,252.82
5		5		5		5		5	4,113.73	5	3,802.50	5	3,491.26	5	3,180.03	5	2,868.80	5	2,557.57	5	2,246.34
1/4		1/4		1/4		1/4		1/4	4,107.25	1/4	3,796.02	1/4	3,484.78	1/4	3,173.55	1/4	2,862.32	1/4	2,551.08	1/4	2,239.85
1/2		1/2		1/2		1/2		1/2	4,100.76	1/2	3,789.53	1/2	3,478.29	1/2	3,167.06	1/2	2,855.83	1/2	2,544.60	1/2	2,233.37
3/4		3/4		3/4		3/4		3/4	4,094.28	3/4	3,783.05	3/4	3,471.81	3/4	3,160.58	3/4	2,849.35	3/4	2,538.12	3/4	2,226.89
6		6		6		6		6	4,087.80	6	3,776.57	6	3,465.33	6	3,154.10	6	2,842.86	6	2,531.63	6	2,220.40
1/4		1/4		1/4		1/4		1/4	4,081.31	1/4	3,770.08	1/4	3,458.84	1/4	3,147.61	1/4	2,836.38	1/4	2,525.15	1/4	2,213.92
1/2		1/2		1/2		1/2		1/2	4,074.83	1/2	3,763.60	1/2	3,452.36	1/2	3,141.13	1/2	2,829.89	1/2	2,518.66	1/2	2,207.43
3/4		3/4		3/4		3/4		3/4	4,068.34	3/4	3,757.11	3/4	3,445.88	3/4	3,134.65	3/4	2,823.41	3/4	2,512.18	3/4	2,200.95
7		7		7		7		7	4,061.86	7	3,750.62	7	3,439.39	7	3,128.16	7	2,816.93	7	2,505.70	7	2,194.46
1/4		1/4		1/4		1/4		1/4	4,055.38	1/4	3,744.14	1/4	3,432.91	1/4	3,121.68	1/4	2,810.44	1/4	2,499.21	1/4	2,187.98
1/2		1/2		1/2		1/2		1/2	4,048.89	1/2	3,737.65	1/2	3,426.42	1/2	3,115.19	1/2	2,803.96	1/2	2,492.73	1/2	2,181.49
3/4		3/4		3/4		3/4		3/4	4,042.41	3/4	3,731.17	3/4	3,419.94	3/4	3,108.71	3/4	2,797.48	3/4	2,486.25	3/4	2,175.01
8		8		8		8		8	4,035.93	8	3,724.69	8	3,413.46	8	3,102.22	8	2,790.99	8	2,479.76	8	2,168.53
1/4		1/4		1/4		1/4		1/4	4,029.44	1/4	3,718.20	1/4	3,406.97	1/4	3,095.74	1/4	2,784.51	1/4	2,473.28	1/4	2,162.04
1/2		1/2		1/2		1/2		1/2	4,022.96	1/2	3,711.72	1/2	3,400.49	1/2	3,089.25	1/2	2,778.02	1/2	2,466.79	1/2	2,155.56
3/4		3/4		3/4		3/4		3/4	4,016.47	3/4	3,705.24	3/4	3,394.01	3/4	3,082.77	3/4	2,771.54	3/4	2,460.31	3/4	2,149.08
9		9		9		9		9	4,009.99	9	3,698.75	9	3,387.52	9	3,076.29	9	2,765.06	9	2,453.82	9	2,142.59
1/4		1/4		1/4		1/4		1/4	4,003.50	1/4	3,692.27	1/4	3,381.04	1/4	3,069.80	1/4	2,758.57	1/4	2,447.34	1/4	2,136.11
1/2		1/2		1/2		1/2		1/2	3,997.02	1/2	3,685.78	1/2	3,374.55	1/2	3,063.32	1/2	2,752.09	1/2	2,440.85	1/2	2,129.62
3/4		3/4		3/4		3/4		3/4	3,990.53	3/4	3,679.30	3/4	3,368.07	3/4	3,056.84	3/4	2,745.61	3/4	2,434.37	3/4	2,123.14
10		10		10		10		10	3,984.05	10	3,672.82	10	3,361.58	10	3,050.35	10	2,739.12	10	2,427.89	10	2,116.66
1/4		1/4		1/4		1/4		1/4	3,977.57	1/4	3,666.33	1/4	3,355.10	1/4	3,043.87	1/4	2,732.64	1/4	2,421.40	1/4	2,110.17
1/2		1/2		1/2		1/2		1/2	3,971.08	1/2	3,659.85	1/2	3,348.61	1/2	3,037.38	1/2	2,726.15	1/2	2,414.92	1/2	2,103.69
3/4		3/4		3/4		3/4		3/4	3,964.60	3/4	3,653.37	3/4	3,342.13	3/4	3,030.90	3/4	2,719.67	3/4	2,408.44	3/4	2,097.21
11		11		11		11		11	3,958.12	11	3,646.88	11	3,335.65	11	3,024.42	11	2,713.18	11	2,401.95	11	2,090.72
1/4		1/4		1/4		1/4		1/4	3,951.63	1/4	3,640.40	1/4	3,329.16	1/4	3,017.93	1/4	2,706.70	1/4	2,395.47	1/4	2,084.24
1/2		1/2		1/2		1/2		1/2	3,945.15	1/2	3,633.91	1/2	3,322.68	1/2	3,011.45	1/2	2,700.21	1/2	2,388.98	1/2	2,077.75
3/4		3/4		3/4		3/4		3/4	3,938.66	3/4	3,627.43	3/4	3,316.20	3/4	3,004.97	3/4	2,693.73	3/4	2,382.50	3/4	2,071.27

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 43'-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 2802"

## 1 STBD 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	2,064.78	0	1,753.55	0	1,442.32	0	1,131.12	0	822.65	0	511.69	0	212.54	0		0		0	
1/4	2,058.30	1/4	1,747.07	1/4	1,435.84	1/4	1,124.66	1/4	816.19	1/4	505.21	1/4	206.85	1/4	1/4		1/4		1/4
1/2	2,051.81	1/2	1,740.58	1/2	1,429.35	1/2	1,118.21	1/2	809.74	1/2	498.73	1/2	201.16	1/2	1/2		1/2		1/2
3/4	2,045.33	3/4	1,734.10	3/4	1,422.87	3/4	1,111.76	3/4	803.29	3/4	492.25	3/4	195.47	3/4	3/4		3/4		3/4
1	2,038.85	1	1,727.62	1	1,416.38	1	1,105.33	1	796.81	1	485.77	1	189.87	1	1		1		1
1/4	2,032.36	1/4	1,721.13	1/4	1,409.90	1/4	1,098.91	1/4	790.33	1/4	479.29	1/4	184.27	1/4	1/4		1/4		1/4
1/2	2,025.88	1/2	1,714.65	1/2	1,403.41	1/2	1,092.48	1/2	783.85	1/2	472.81	1/2	178.67	1/2	1/2		1/2		1/2
3/4	2,019.40	3/4	1,708.17	3/4	1,396.93	3/4	1,086.06	3/4	777.37	3/4	466.33	3/4	173.07	3/4	3/4		3/4		3/4
2	2,012.91	2	1,701.68	2	1,390.45	2	1,079.64	2	770.89	2	459.85	2	167.57	2	2		2		2
1/4	2,006.43	1/4	1,695.20	1/4	1,383.96	1/4	1,073.21	1/4	764.41	1/4	453.37	1/4	162.06	1/4	1/4		1/4		1/4
1/2	1,999.94	1/2	1,688.71	1/2	1,377.48	1/2	1,066.79	1/2	757.93	1/2	446.89	1/2	156.56	1/2	1/2		1/2		1/2
3/4	1,993.46	3/4	1,682.23	3/4	1,371.00	3/4	1,060.37	3/4	751.45	3/4	440.41	3/4	151.06	3/4	3/4		3/4		3/4
3	1,986.98	3	1,675.74	3	1,364.51	3	1,053.94	3	744.97	3	433.93	3	145.66	3	3		3		3
1/4	1,980.49	1/4	1,669.26	1/4	1,358.03	1/4	1,047.52	1/4	738.49	1/4	427.45	1/4	140.25	1/4	1/4		1/4		1/4
1/2	1,974.01	1/2	1,662.77	1/2	1,351.54	1/2	1,041.09	1/2	732.01	1/2	420.97	1/2	134.85	1/2	1/2		1/2		1/2
3/4	1,967.53	3/4	1,656.29	3/4	1,345.06	3/4	1,034.67	3/4	725.53	3/4	414.49	3/4	129.45	3/4	3/4		3/4		3/4
4	1,961.04	4	1,649.81	4	1,338.58	4	1,028.24	4	719.05	4	408.05	4	124.14	4	4		4		4
1/4	1,954.56	1/4	1,643.32	1/4	1,332.09	1/4	1,021.82	1/4	712.57	1/4	401.62	1/4	118.84	1/4	1/4		1/4		1/4
1/2	1,948.07	1/2	1,636.84	1/2	1,325.61	1/2	1,015.39	1/2	706.09	1/2	395.18	1/2	113.53	1/2	1/2		1/2		1/2
3/4	1,941.59	3/4	1,630.36	3/4	1,319.13	3/4	1,008.97	3/4	699.61	3/4	388.75	3/4	108.23	3/4	3/4		3/4		3/4
5	1,935.10	5	1,623.87	5	1,312.64	5	1,002.55	5	693.13	5	382.36	5	103.02	5	5		5		5
1/4	1,928.62	1/4	1,617.39	1/4	1,306.16	1/4	996.12	1/4	686.65	1/4	375.97	1/4	97.81	1/4	1/4		1/4		1/4
1/2	1,922.13	1/2	1,610.90	1/2	1,299.67	1/2	989.70	1/2	680.17	1/2	369.58	1/2	92.61	1/2	1/2		1/2		1/2
3/4	1,915.65	3/4	1,604.42	3/4	1,293.19	3/4	983.28	3/4	673.69	3/4	363.19	3/4	87.40	3/4	3/4		3/4		3/4
6	1,909.17	6	1,597.94	6	1,286.70	6	976.85	6	667.21	6	356.90	6	82.29	6	6		6		6
1/4	1,902.68	1/4	1,591.45	1/4	1,280.22	1/4	970.43	1/4	660.73	1/4	350.61	1/4	77.18	1/4	1/4		1/4		1/4
1/2	1,896.20	1/2	1,584.97	1/2	1,273.73	1/2	964.00	1/2	654.25	1/2	344.32	1/2	72.08	1/2	1/2		1/2		1/2
3/4	1,889.72	3/4	1,578.49	3/4	1,267.25	3/4	957.58	3/4	647.77	3/4	338.03	3/4	66.97	3/4	3/4		3/4		3/4
7	1,883.23	7	1,572.00	7	1,260.77	7	951.16	7	641.29	7	331.84	7	61.96	7	7		7		7
1/4	1,876.75	1/4	1,565.52	1/4	1,254.28	1/4	944.73	1/4	634.81	1/4	325.64	1/4	56.95	1/4	1/4		1/4		1/4
1/2	1,870.26	1/2	1,559.03	1/2	1,247.80	1/2	938.31	1/2	628.33	1/2	319.45	1/2	51.95	1/2	1/2		1/2		1/2
3/4	1,863.78	3/4	1,552.55	3/4	1,241.32	3/4	931.89	3/4	621.85	3/4	313.26	3/4	46.94	3/4	3/4		3/4		3/4
8	1,857.30	8	1,546.06	8	1,234.83	8	925.46	8	615.37	8	307.17	8	42.34	8	8		8		8
1/4	1,850.81	1/4	1,539.58	1/4	1,228.35	1/4	919.04	1/4	608.89	1/4	301.07	1/4	37.74	1/4	1/4		1/4		1/4
1/2	1,844.33	1/2	1,533.09	1/2	1,221.86	1/2	912.61	1/2	602.41	1/2	294.98	1/2	33.15	1/2	1/2		1/2		1/2
3/4	1,837.85	3/4	1,526.61	3/4	1,215.38	3/4	906.19	3/4	595.93	3/4	288.89	3/4	28.55	3/4	3/4		3/4		3/4
9	1,831.36	9	1,520.13	9	1,208.90	9	899.76	9	589.45	9	282.89	9	24.98	9	9		9		9
1/4	1,824.88	1/4	1,513.64	1/4	1,202.41	1/4	893.34	1/4	582.97	1/4	276.89	1/4	21.41	1/4	1/4		1/4		1/4
1/2	1,818.39	1/2	1,507.16	1/2	1,195.93	1/2	886.91	1/2	576.49	1/2	270.90	1/2	17.85	1/2	1/2		1/2		1/2
3/4	1,811.91	3/4	1,500.68	3/4	1,189.45	3/4	880.49	3/4	570.01	3/4	264.90	3/4	14.28	3/4	3/4		3/4		3/4
10	1,805.42	10	1,494.19	10	1,182.96	10	874.07	10	563.53	10	259.01	10	12.04	10	10		10		10
1/4	1,798.94	1/4	1,487.71	1/4	1,176.48	1/4	867.64	1/4	557.05	1/4	253.12	1/4	9.81	1/4	1/4		1/4		1/4
1/2	1,792.45	1/2	1,481.22	1/2	1,169.99	1/2	861.22	1/2	550.57	1/2	247.24	1/2		1/2	1/2		1/2		1/2
3/4	1,785.97	3/4	1,474.74	3/4	1,163.51	3/4	854.80	3/4	544.09	3/4	241.35	3/4		3/4	3/4		3/4		3/4
11	1,779.49	11	1,468.26	11	1,157.02	11	848.37	11	537.61	11	235.57	11		11	11		11		11
1/4	1,773.00	1/4	1,461.77	1/4	1,150.54	1/4	841.95	1/4	531.13	1/4	229.79	1/4		1/4	1/4		1/4		1/4
1/2	1,766.52	1/2	1,455.29	1/2	1,144.05	1/2	835.52	1/2	524.65	1/2	224.01	1/2		1/2	1/2		1/2		1/2
3/4	1,760.04	3/4	1,448.81	3/4	1,137.57	3/4	829.10	3/4	518.17	3/4	218.23	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2005 INSP.  
RECALCULATED: 02/17/2020 PMA  
REPRINTED: 02/17/2020 PMA

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2020

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



# BARGE "MMI 2802"

## 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0	0	0	0	0	0	0	0	4,615.71	0	4,256.48	0	3,897.25	0	3,538.01	0	3,178.78	0	2,819.55		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,608.22	1/4	4,248.99	1/4	3,889.76	1/4	3,530.53	1/4	3,171.30	1/4	2,812.06		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,600.74	1/2	4,241.51	1/2	3,882.28	1/2	3,523.04	1/2	3,163.81	1/2	2,804.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,593.25	3/4	4,234.02	3/4	3,874.79	3/4	3,515.56	3/4	3,156.33	3/4	2,797.09		
1	1	1	1	1	1	1	1	4,585.77	1	4,226.54	1	3,867.31	1	3,508.08	1	3,148.85	1	2,789.61		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,923.78	1/4	4,578.29	1/4	4,219.06	1/4	3,859.82	1/4	3,500.59	1/4	3,141.36	1/4	2,782.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,919.11	1/2	4,570.80	1/2	4,211.57	1/2	3,852.34	1/2	3,493.11	1/2	3,133.88	1/2	2,774.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,914.43	3/4	4,563.32	3/4	4,204.09	3/4	3,844.85	3/4	3,485.62	3/4	3,126.39	3/4	2,767.16
2	2	2	2	2	2	2	2	4,908.51	2	4,555.84	2	4,196.61	2	3,837.37	2	3,478.14	2	3,118.91	2	2,759.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,902.59	1/4	4,548.35	1/4	4,189.12	1/4	3,829.89	1/4	3,470.66	1/4	3,111.42	1/4	2,752.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,896.66	1/2	4,540.87	1/2	4,181.64	1/2	3,822.40	1/2	3,463.17	1/2	3,103.94	1/2	2,744.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,890.74	3/4	4,533.38	3/4	4,174.15	3/4	3,814.92	3/4	3,455.69	3/4	3,096.45	3/4	2,737.22
3	3	3	3	3	3	3	3	4,883.73	3	4,525.90	3	4,166.67	3	3,807.44	3	3,448.21	3	3,088.97	3	2,729.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,876.71	1/4	4,518.42	1/4	4,159.18	1/4	3,799.95	1/4	3,440.72	1/4	3,081.49	1/4	2,722.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,869.70	1/2	4,510.93	1/2	4,151.70	1/2	3,792.47	1/2	3,433.24	1/2	3,074.00	1/2	2,714.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,862.68	3/4	4,503.45	3/4	4,144.21	3/4	3,784.98	3/4	3,425.75	3/4	3,066.52	3/4	2,707.29
4	4	4	4	4	4	4	4	4,855.20	4	4,495.97	4	4,136.73	4	3,777.50	4	3,418.27	4	3,059.04	4	2,699.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,847.71	1/4	4,488.48	1/4	4,129.25	1/4	3,770.02	1/4	3,410.78	1/4	3,051.55	1/4	2,692.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,840.23	1/2	4,481.00	1/2	4,121.76	1/2	3,762.53	1/2	3,403.30	1/2	3,044.07	1/2	2,684.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,832.74	3/4	4,473.51	3/4	4,114.28	3/4	3,755.05	3/4	3,395.81	3/4	3,036.58	3/4	2,677.35
5	5	5	5	5	5	5	5	4,825.26	5	4,466.03	5	4,106.80	5	3,747.57	5	3,388.33	5	3,029.10	5	2,669.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,817.78	1/4	4,458.54	1/4	4,099.31	1/4	3,740.08	1/4	3,380.85	1/4	3,021.62	1/4	2,662.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,810.29	1/2	4,451.06	1/2	4,091.83	1/2	3,732.60	1/2	3,373.36	1/2	3,014.13	1/2	2,654.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,802.81	3/4	4,443.57	3/4	4,084.34	3/4	3,725.11	3/4	3,365.88	3/4	3,006.65	3/4	2,647.41
6	6	6	6	6	6	6	6	4,795.33	6	4,436.09	6	4,076.86	6	3,717.63	6	3,358.40	6	2,999.17	6	2,639.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,787.84	1/4	4,428.61	1/4	4,069.38	1/4	3,710.14	1/4	3,350.91	1/4	2,991.68	1/4	2,632.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,780.36	1/2	4,421.12	1/2	4,061.89	1/2	3,702.66	1/2	3,343.43	1/2	2,984.20	1/2	2,624.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,772.87	3/4	4,413.64	3/4	4,054.41	3/4	3,695.17	3/4	3,335.94	3/4	2,976.71	3/4	2,617.48
7	7	7	7	7	7	7	7	4,765.39	7	4,406.16	7	4,046.93	7	3,687.69	7	3,328.46	7	2,969.23	7	2,610.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,757.90	1/4	4,398.67	1/4	4,039.44	1/4	3,680.21	1/4	3,320.98	1/4	2,961.74	1/4	2,602.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,750.42	1/2	4,391.19	1/2	4,031.96	1/2	3,672.72	1/2	3,313.49	1/2	2,954.26	1/2	2,595.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,742.93	3/4	4,383.70	3/4	4,024.47	3/4	3,665.24	3/4	3,306.01	3/4	2,946.77	3/4	2,587.54
8	8	8	8	8	8	8	8	4,735.45	8	4,376.22	8	4,016.99	8	3,657.76	8	3,298.53	8	2,939.29	8	2,580.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,727.97	1/4	4,368.74	1/4	4,009.50	1/4	3,650.27	1/4	3,291.04	1/4	2,931.81	1/4	2,572.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,720.48	1/2	4,361.25	1/2	4,002.02	1/2	3,642.79	1/2	3,283.56	1/2	2,924.32	1/2	2,565.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,713.00	3/4	4,353.77	3/4	3,994.53	3/4	3,635.30	3/4	3,276.07	3/4	2,916.84	3/4	2,557.61
9	9	9	9	9	9	9	9	4,705.52	9	4,346.29	9	3,987.05	9	3,627.82	9	3,268.59	9	2,909.36	9	2,550.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,698.03	1/4	4,338.80	1/4	3,979.57	1/4	3,620.34	1/4	3,261.10	1/4	2,901.87	1/4	2,542.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,690.55	1/2	4,331.32	1/2	3,972.08	1/2	3,612.85	1/2	3,253.62	1/2	2,894.39	1/2	2,535.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,683.06	3/4	4,323.83	3/4	3,964.60	3/4	3,605.37	3/4	3,246.13	3/4	2,886.90	3/4	2,527.67
10	10	10	10	10	10	10	10	4,675.58	10	4,316.35	10	3,957.12	10	3,597.89	10	3,238.65	10	2,879.42	10	2,520.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,668.10	1/4	4,308.86	1/4	3,949.63	1/4	3,590.40	1/4	3,231.17	1/4	2,871.94	1/4	2,512.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,660.61	1/2	4,301.38	1/2	3,942.15	1/2	3,582.92	1/2	3,223.68	1/2	2,864.45	1/2	2,505.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,653.13	3/4	4,293.89	3/4	3,934.66	3/4	3,575.43	3/4	3,216.20	3/4	2,856.97	3/4	2,497.73
11	11	11	11	11	11	11	11	4,645.65	11	4,286.41	11	3,927.18	11	3,567.95	11	3,208.72	11	2,849.49	11	2,490.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,638.16	1/4	4,278.93	1/4	3,919.70	1/4	3,560.46	1/4	3,201.23	1/4	2,842.00	1/4	2,482.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,630.68	1/2	4,271.44	1/2	3,912.21	1/2	3,552.98	1/2	3,193.75	1/2	2,834.52	1/2	2,475.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,623.19	3/4	4,263.96	3/4	3,904.73	3/4	3,545.49	3/4	3,186.26	3/4	2,827.03	3/4	2,467.80

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 49'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "MMI 2802"

## 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.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,460.31	0	2,101.08	0	1,741.85	0	1,382.64	0	1,026.09	0	667.03	0	307.90	0		0		0	
1/4	2,452.83	1/4	2,093.60	1/4	1,734.36	1/4	1,375.19	1/4	1,018.63	1/4	659.55	1/4	300.41	1/4	1/4		1/4	1/4	1/4
1/2	2,445.34	1/2	2,086.11	1/2	1,726.88	1/2	1,367.73	1/2	1,011.18	1/2	652.07	1/2	292.93	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,437.86	3/4	2,078.63	3/4	1,719.40	3/4	1,360.28	3/4	1,003.73	3/4	644.59	3/4	285.45	3/4	3/4	3/4	3/4	3/4	3/4
1	2,430.38	1	2,071.14	1	1,711.91	1	1,352.85	1	996.24	1	637.11	1	277.97	1	1	1	1	1	1
1/4	2,422.89	1/4	2,063.66	1/4	1,704.43	1/4	1,345.43	1/4	988.76	1/4	629.62	1/4	270.48	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,415.41	1/2	2,056.17	1/2	1,696.94	1/2	1,338.00	1/2	981.27	1/2	622.14	1/2	263.00	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,407.93	3/4	2,048.69	3/4	1,689.46	3/4	1,330.58	3/4	973.79	3/4	614.66	3/4	255.52	3/4	3/4	3/4	3/4	3/4	3/4
2	2,400.44	2	2,041.21	2	1,681.98	2	1,323.15	2	966.31	2	607.18	2	248.04	2	2	2	2	2	2
1/4	2,392.96	1/4	2,033.72	1/4	1,674.49	1/4	1,315.72	1/4	958.83	1/4	599.69	1/4	240.55	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,385.47	1/2	2,026.24	1/2	1,667.01	1/2	1,308.30	1/2	951.35	1/2	592.21	1/2	233.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,377.99	3/4	2,018.76	3/4	1,659.53	3/4	1,300.87	3/4	943.87	3/4	584.73	3/4	225.59	3/4	3/4	3/4	3/4	3/4	3/4
3	2,370.50	3	2,011.27	3	1,652.04	3	1,293.44	3	936.39	3	577.25	3	218.11	3	3	3	3	3	3
1/4	2,363.02	1/4	2,003.79	1/4	1,644.56	1/4	1,286.02	1/4	928.90	1/4	569.76	1/4	210.63	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,355.53	1/2	1,996.30	1/2	1,637.07	1/2	1,278.59	1/2	921.42	1/2	562.28	1/2	203.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,348.05	3/4	1,988.82	3/4	1,629.59	3/4	1,271.17	3/4	913.94	3/4	554.80	3/4	195.67	3/4	3/4	3/4	3/4	3/4	3/4
4	2,340.57	4	1,981.34	4	1,622.10	4	1,263.74	4	906.46	4	547.32	4	188.19	4	4	4	4	4	4
1/4	2,333.08	1/4	1,973.85	1/4	1,614.62	1/4	1,256.32	1/4	898.97	1/4	539.83	1/4	180.70	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,325.60	1/2	1,966.37	1/2	1,607.13	1/2	1,248.89	1/2	891.49	1/2	532.35	1/2	173.22	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,318.12	3/4	1,958.89	3/4	1,599.65	3/4	1,241.47	3/4	884.01	3/4	524.87	3/4	165.74	3/4	3/4	3/4	3/4	3/4	3/4
5	2,310.63	5	1,951.40	5	1,592.17	5	1,234.04	5	876.53	5	517.39	5	158.26	5	5	5	5	5	5
1/4	2,303.15	1/4	1,943.92	1/4	1,584.68	1/4	1,226.61	1/4	869.04	1/4	509.91	1/4	150.77	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,295.66	1/2	1,936.43	1/2	1,577.20	1/2	1,219.19	1/2	861.56	1/2	502.43	1/2	143.29	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,288.18	3/4	1,928.95	3/4	1,569.72	3/4	1,211.76	3/4	854.08	3/4	494.95	3/4	135.81	3/4	3/4	3/4	3/4	3/4	3/4
6	2,280.70	6	1,921.46	6	1,562.23	6	1,204.33	6	846.60	6	487.47	6	128.33	6	6	6	6	6	6
1/4	2,273.21	1/4	1,913.98	1/4	1,554.75	1/4	1,196.91	1/4	839.11	1/4	479.98	1/4	120.84	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,265.73	1/2	1,906.49	1/2	1,547.26	1/2	1,189.48	1/2	831.63	1/2	472.50	1/2	113.36	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,258.25	3/4	1,899.01	3/4	1,539.78	3/4	1,182.06	3/4	824.15	3/4	465.02	3/4	105.88	3/4	3/4	3/4	3/4	3/4	3/4
7	2,250.76	7	1,891.53	7	1,532.30	7	1,174.63	7	816.67	7	457.54	7	98.40	7	7	7	7	7	7
1/4	2,243.28	1/4	1,884.04	1/4	1,524.81	1/4	1,167.20	1/4	809.19	1/4	450.05	1/4	90.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,235.79	1/2	1,876.56	1/2	1,517.33	1/2	1,159.78	1/2	801.71	1/2	442.57	1/2	83.43	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,228.31	3/4	1,869.08	3/4	1,509.85	3/4	1,152.35	3/4	794.23	3/4	435.09	3/4	75.95	3/4	3/4	3/4	3/4	3/4	3/4
8	2,220.82	8	1,861.59	8	1,502.36	8	1,144.92	8	786.75	8	427.61	8	68.48	8	8	8	8	8	8
1/4	2,213.34	1/4	1,854.11	1/4	1,494.88	1/4	1,137.50	1/4	779.26	1/4	420.12	1/4	61.92	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,205.85	1/2	1,846.62	1/2	1,487.39	1/2	1,130.07	1/2	771.78	1/2	412.64	1/2	54.91	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,198.37	3/4	1,839.14	3/4	1,479.91	3/4	1,122.65	3/4	764.30	3/4	405.16	3/4	47.90	3/4	3/4	3/4	3/4	3/4	3/4
9	2,190.89	9	1,831.66	9	1,472.42	9	1,115.22	9	756.82	9	397.68	9	42.29	9	9	9	9	9	9
1/4	2,183.40	1/4	1,824.17	1/4	1,464.94	1/4	1,107.80	1/4	749.33	1/4	390.19	1/4	36.67	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,175.92	1/2	1,816.69	1/2	1,457.45	1/2	1,100.37	1/2	741.85	1/2	382.71	1/2	31.06	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,168.44	3/4	1,809.21	3/4	1,449.97	3/4	1,092.95	3/4	734.37	3/4	375.23	3/4	25.45	3/4	3/4	3/4	3/4	3/4	3/4
10	2,160.95	10	1,801.72	10	1,442.49	10	1,085.52	10	726.89	10	367.75	10	21.71	10	10	10	10	10	10
1/4	2,153.47	1/4	1,794.24	1/4	1,435.00	1/4	1,078.09	1/4	719.40	1/4	360.27	1/4	17.97	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,145.98	1/2	1,786.75	1/2	1,427.52	1/2	1,070.67	1/2	711.92	1/2	352.79	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,138.50	3/4	1,779.27	3/4	1,420.04	3/4	1,063.24	3/4	704.44	3/4	345.31	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,131.02	11	1,771.78	11	1,412.55	11	1,055.81	11	696.96	11	337.83	11		11	11	11	11	11	11
1/4	2,123.53	1/4	1,764.30	1/4	1,405.07	1/4	1,048.39	1/4	689.47	1/4	330.34	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,116.05	1/2	1,756.81	1/2	1,397.58	1/2	1,040.96	1/2	681.99	1/2	322.86	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,108.57	3/4	1,749.33	3/4	1,390.10	3/4	1,033.54	3/4	674.51	3/4	315.38	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2005 INSP.  
RECALCULATED: 02/17/2020 PMA  
REPRINTED: 02/17/2020 PMA

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2020

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





# BARGE "MMI 2802"

## 2 STBD 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	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0	0	0	0	0	0	0	0	4,615.71	0	4,256.48	0	3,897.25	0	3,538.01	0	3,178.78	0	2,819.55		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,608.22	1/4	4,248.99	1/4	3,889.76	1/4	3,530.53	1/4	3,171.30	1/4	2,812.06		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,600.74	1/2	4,241.51	1/2	3,882.28	1/2	3,523.04	1/2	3,163.81	1/2	2,804.58		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,593.25	3/4	4,234.02	3/4	3,874.79	3/4	3,515.56	3/4	3,156.33	3/4	2,797.09		
1	1	1	1	1	1	1	1	4,585.77	1	4,226.54	1	3,867.31	1	3,508.08	1	3,148.85	1	2,789.61		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,923.78	1/4	4,578.29	1/4	4,219.06	1/4	3,859.82	1/4	3,500.59	1/4	3,141.36	1/4	2,782.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,919.11	1/2	4,570.80	1/2	4,211.57	1/2	3,852.34	1/2	3,493.11	1/2	3,133.88	1/2	2,774.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,914.43	3/4	4,563.32	3/4	4,204.09	3/4	3,844.85	3/4	3,485.62	3/4	3,126.39	3/4	2,767.16
2	2	2	2	2	2	2	2	4,908.51	2	4,555.84	2	4,196.61	2	3,837.37	2	3,478.14	2	3,118.91	2	2,759.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,902.59	1/4	4,548.35	1/4	4,189.12	1/4	3,829.89	1/4	3,470.66	1/4	3,111.42	1/4	2,752.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,896.66	1/2	4,540.87	1/2	4,181.64	1/2	3,822.40	1/2	3,463.17	1/2	3,103.94	1/2	2,744.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,890.74	3/4	4,533.38	3/4	4,174.15	3/4	3,814.92	3/4	3,455.69	3/4	3,096.45	3/4	2,737.22
3	3	3	3	3	3	3	3	4,883.73	3	4,525.90	3	4,166.67	3	3,807.44	3	3,448.21	3	3,088.97	3	2,729.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,876.71	1/4	4,518.42	1/4	4,159.18	1/4	3,799.95	1/4	3,440.72	1/4	3,081.49	1/4	2,722.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,869.70	1/2	4,510.93	1/2	4,151.70	1/2	3,792.47	1/2	3,433.24	1/2	3,074.00	1/2	2,714.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,862.68	3/4	4,503.45	3/4	4,144.21	3/4	3,784.98	3/4	3,425.75	3/4	3,066.52	3/4	2,707.29
4	4	4	4	4	4	4	4	4,855.20	4	4,495.97	4	4,136.73	4	3,777.50	4	3,418.27	4	3,059.04	4	2,699.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,847.71	1/4	4,488.48	1/4	4,129.25	1/4	3,770.02	1/4	3,410.78	1/4	3,051.55	1/4	2,692.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,840.23	1/2	4,481.00	1/2	4,121.76	1/2	3,762.53	1/2	3,403.30	1/2	3,044.07	1/2	2,684.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,832.74	3/4	4,473.51	3/4	4,114.28	3/4	3,755.05	3/4	3,395.81	3/4	3,036.58	3/4	2,677.35
5	5	5	5	5	5	5	5	4,825.26	5	4,466.03	5	4,106.80	5	3,747.57	5	3,388.33	5	3,029.10	5	2,669.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,817.78	1/4	4,458.54	1/4	4,099.31	1/4	3,740.08	1/4	3,380.85	1/4	3,021.62	1/4	2,662.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,810.29	1/2	4,451.06	1/2	4,091.83	1/2	3,732.60	1/2	3,373.36	1/2	3,014.13	1/2	2,654.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,802.81	3/4	4,443.57	3/4	4,084.34	3/4	3,725.11	3/4	3,365.88	3/4	3,006.65	3/4	2,647.41
6	6	6	6	6	6	6	6	4,795.33	6	4,436.09	6	4,076.86	6	3,717.63	6	3,358.40	6	2,999.17	6	2,639.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,787.84	1/4	4,428.61	1/4	4,069.38	1/4	3,710.14	1/4	3,350.91	1/4	2,991.68	1/4	2,632.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,780.36	1/2	4,421.12	1/2	4,061.89	1/2	3,702.66	1/2	3,343.43	1/2	2,984.20	1/2	2,624.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,772.87	3/4	4,413.64	3/4	4,054.41	3/4	3,695.17	3/4	3,335.94	3/4	2,976.71	3/4	2,617.48
7	7	7	7	7	7	7	7	4,765.39	7	4,406.16	7	4,046.93	7	3,687.69	7	3,328.46	7	2,969.23	7	2,610.00
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,757.90	1/4	4,398.67	1/4	4,039.44	1/4	3,680.21	1/4	3,320.98	1/4	2,961.74	1/4	2,602.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,750.42	1/2	4,391.19	1/2	4,031.96	1/2	3,672.72	1/2	3,313.49	1/2	2,954.26	1/2	2,595.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,742.93	3/4	4,383.70	3/4	4,024.47	3/4	3,665.24	3/4	3,306.01	3/4	2,946.77	3/4	2,587.54
8	8	8	8	8	8	8	8	4,735.45	8	4,376.22	8	4,016.99	8	3,657.76	8	3,298.53	8	2,939.29	8	2,580.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,727.97	1/4	4,368.74	1/4	4,009.50	1/4	3,650.27	1/4	3,291.04	1/4	2,931.81	1/4	2,572.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,720.48	1/2	4,361.25	1/2	4,002.02	1/2	3,642.79	1/2	3,283.56	1/2	2,924.32	1/2	2,565.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,713.00	3/4	4,353.77	3/4	3,994.53	3/4	3,635.30	3/4	3,276.07	3/4	2,916.84	3/4	2,557.61
9	9	9	9	9	9	9	9	4,705.52	9	4,346.29	9	3,987.05	9	3,627.82	9	3,268.59	9	2,909.36	9	2,550.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,698.03	1/4	4,338.80	1/4	3,979.57	1/4	3,620.34	1/4	3,261.10	1/4	2,901.87	1/4	2,542.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,690.55	1/2	4,331.32	1/2	3,972.08	1/2	3,612.85	1/2	3,253.62	1/2	2,894.39	1/2	2,535.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,683.06	3/4	4,323.83	3/4	3,964.60	3/4	3,605.37	3/4	3,246.13	3/4	2,886.90	3/4	2,527.67
10	10	10	10	10	10	10	10	4,675.58	10	4,316.35	10	3,957.12	10	3,597.89	10	3,238.65	10	2,879.42	10	2,520.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,668.10	1/4	4,308.86	1/4	3,949.63	1/4	3,590.40	1/4	3,231.17	1/4	2,871.94	1/4	2,512.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,660.61	1/2	4,301.38	1/2	3,942.15	1/2	3,582.92	1/2	3,223.68	1/2	2,864.45	1/2	2,505.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,653.13	3/4	4,293.89	3/4	3,934.66	3/4	3,575.43	3/4	3,216.20	3/4	2,856.97	3/4	2,497.73
11	11	11	11	11	11	11	11	4,645.65	11	4,286.41	11	3,927.18	11	3,567.95	11	3,208.72	11	2,849.49	11	2,490.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,638.16	1/4	4,278.93	1/4	3,919.70	1/4	3,560.46	1/4	3,201.23	1/4	2,842.00	1/4	2,482.76
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,630.68	1/2	4,271.44	1/2	3,912.21	1/2	3,552.98	1/2	3,193.75	1/2	2,834.52	1/2	2,475.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,623.19	3/4	4,263.96	3/4	3,904.73	3/4	3,545.49	3/4	3,186.26	3/4	2,827.03	3/4	2,467.80

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 49'-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 2802"

## 2 STBD 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.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
	2,460.31		2,101.08		1,741.85		1,382.64		1,026.09		667.03		307.90						
1/4	2,452.83	1/4	2,093.60	1/4	1,734.36	1/4	1,375.19	1/4	1,018.63	1/4	659.55	1/4	300.41	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,445.34	1/2	2,086.11	1/2	1,726.88	1/2	1,367.73	1/2	1,011.18	1/2	652.07	1/2	292.93	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,437.86	3/4	2,078.63	3/4	1,719.40	3/4	1,360.28	3/4	1,003.73	3/4	644.59	3/4	285.45	3/4	3/4	3/4	3/4	3/4	3/4
1	2,430.38	1	2,071.14	1	1,711.91	1	1,352.85	1	996.24	1	637.11	1	277.97	1	1	1	1	1	1
1/4	2,422.89	1/4	2,063.66	1/4	1,704.43	1/4	1,345.43	1/4	988.76	1/4	629.62	1/4	270.48	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,415.41	1/2	2,056.17	1/2	1,696.94	1/2	1,338.00	1/2	981.27	1/2	622.14	1/2	263.00	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,407.93	3/4	2,048.69	3/4	1,689.46	3/4	1,330.58	3/4	973.79	3/4	614.66	3/4	255.52	3/4	3/4	3/4	3/4	3/4	3/4
2	2,400.44	2	2,041.21	2	1,681.98	2	1,323.15	2	966.31	2	607.18	2	248.04	2	2	2	2	2	2
1/4	2,392.96	1/4	2,033.72	1/4	1,674.49	1/4	1,315.72	1/4	958.83	1/4	599.69	1/4	240.55	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,385.47	1/2	2,026.24	1/2	1,667.01	1/2	1,308.30	1/2	951.35	1/2	592.21	1/2	233.07	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,377.99	3/4	2,018.76	3/4	1,659.53	3/4	1,300.87	3/4	943.87	3/4	584.73	3/4	225.59	3/4	3/4	3/4	3/4	3/4	3/4
3	2,370.50	3	2,011.27	3	1,652.04	3	1,293.44	3	936.39	3	577.25	3	218.11	3	3	3	3	3	3
1/4	2,363.02	1/4	2,003.79	1/4	1,644.56	1/4	1,286.02	1/4	928.90	1/4	569.76	1/4	210.63	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,355.53	1/2	1,996.30	1/2	1,637.07	1/2	1,278.59	1/2	921.42	1/2	562.28	1/2	203.15	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,348.05	3/4	1,988.82	3/4	1,629.59	3/4	1,271.17	3/4	913.94	3/4	554.80	3/4	195.67	3/4	3/4	3/4	3/4	3/4	3/4
4	2,340.57	4	1,981.34	4	1,622.10	4	1,263.74	4	906.46	4	547.32	4	188.19	4	4	4	4	4	4
1/4	2,333.08	1/4	1,973.85	1/4	1,614.62	1/4	1,256.32	1/4	898.97	1/4	539.83	1/4	180.70	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,325.60	1/2	1,966.37	1/2	1,607.13	1/2	1,248.89	1/2	891.49	1/2	532.35	1/2	173.22	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,318.12	3/4	1,958.89	3/4	1,599.65	3/4	1,241.47	3/4	884.01	3/4	524.87	3/4	165.74	3/4	3/4	3/4	3/4	3/4	3/4
5	2,310.63	5	1,951.40	5	1,592.17	5	1,234.04	5	876.53	5	517.39	5	158.26	5	5	5	5	5	5
1/4	2,303.15	1/4	1,943.92	1/4	1,584.68	1/4	1,226.61	1/4	869.04	1/4	509.91	1/4	150.77	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,295.66	1/2	1,936.43	1/2	1,577.20	1/2	1,219.19	1/2	861.56	1/2	502.43	1/2	143.29	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,288.18	3/4	1,928.95	3/4	1,569.72	3/4	1,211.76	3/4	854.08	3/4	494.95	3/4	135.81	3/4	3/4	3/4	3/4	3/4	3/4
6	2,280.70	6	1,921.46	6	1,562.23	6	1,204.33	6	846.60	6	487.47	6	128.33	6	6	6	6	6	6
1/4	2,273.21	1/4	1,913.98	1/4	1,554.75	1/4	1,196.91	1/4	839.11	1/4	479.98	1/4	120.84	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,265.73	1/2	1,906.49	1/2	1,547.26	1/2	1,189.48	1/2	831.63	1/2	472.50	1/2	113.36	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,258.25	3/4	1,899.01	3/4	1,539.78	3/4	1,182.06	3/4	824.15	3/4	465.02	3/4	105.88	3/4	3/4	3/4	3/4	3/4	3/4
7	2,250.76	7	1,891.53	7	1,532.30	7	1,174.63	7	816.67	7	457.54	7	98.40	7	7	7	7	7	7
1/4	2,243.28	1/4	1,884.04	1/4	1,524.81	1/4	1,167.20	1/4	809.19	1/4	450.05	1/4	90.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,235.79	1/2	1,876.56	1/2	1,517.33	1/2	1,159.78	1/2	801.71	1/2	442.57	1/2	83.43	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,228.31	3/4	1,869.08	3/4	1,509.85	3/4	1,152.35	3/4	794.23	3/4	435.09	3/4	75.95	3/4	3/4	3/4	3/4	3/4	3/4
8	2,220.82	8	1,861.59	8	1,502.36	8	1,144.92	8	786.75	8	427.61	8	68.94	8	8	8	8	8	8
1/4	2,213.34	1/4	1,854.11	1/4	1,494.88	1/4	1,137.50	1/4	779.26	1/4	420.12	1/4	61.92	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,205.85	1/2	1,846.62	1/2	1,487.39	1/2	1,130.07	1/2	771.78	1/2	412.64	1/2	54.91	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,198.37	3/4	1,839.14	3/4	1,479.91	3/4	1,122.65	3/4	764.30	3/4	405.16	3/4	47.90	3/4	3/4	3/4	3/4	3/4	3/4
9	2,190.89	9	1,831.66	9	1,472.42	9	1,115.22	9	756.82	9	397.68	9	42.29	9	9	9	9	9	9
1/4	2,183.40	1/4	1,824.17	1/4	1,464.94	1/4	1,107.80	1/4	749.33	1/4	390.19	1/4	36.67	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,175.92	1/2	1,816.69	1/2	1,457.45	1/2	1,100.37	1/2	741.85	1/2	382.71	1/2	31.06	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,168.44	3/4	1,809.21	3/4	1,449.97	3/4	1,092.95	3/4	734.37	3/4	375.23	3/4	25.45	3/4	3/4	3/4	3/4	3/4	3/4
10	2,160.95	10	1,801.72	10	1,442.49	10	1,085.52	10	726.89	10	367.75	10	21.71	10	10	10	10	10	10
1/4	2,153.47	1/4	1,794.24	1/4	1,435.00	1/4	1,078.09	1/4	719.40	1/4	360.27	1/4	17.97	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,145.98	1/2	1,786.75	1/2	1,427.52	1/2	1,070.67	1/2	711.92	1/2	352.79	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,138.50	3/4	1,779.27	3/4	1,420.04	3/4	1,063.24	3/4	704.44	3/4	345.31	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,131.02	11	1,771.78	11	1,412.55	11	1,055.81	11	696.96	11	337.83	11		11	11	11	11	11	11
1/4	2,123.53	1/4	1,764.30	1/4	1,405.07	1/4	1,048.39	1/4	689.47	1/4	330.34	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,116.05	1/2	1,756.81	1/2	1,397.58	1/2	1,040.96	1/2	681.99	1/2	322.86	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,108.57	3/4	1,749.33	3/4	1,390.10	3/4	1,033.54	3/4	674.51	3/4	315.38	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/05/2005 INSP.  
RECALCULATED: 02/17/2020 PMA  
REPRINTED: 02/17/2020 PMA

CANCELS AND SUPERCEDES  
ALL PRIOR TO 02/2020

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



# BARGE "MMI 2802"

## 3 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		
									4,400.26		4,113.12		3,825.99		3,535.20		3,179.61		2,820.28		
1/4		1/4		1/4		1/4		1/4	4,394.28	1/4	4,107.14	1/4	3,820.01	1/4	3,528.39	1/4	3,172.12	1/4	2,812.79		
1/2		1/2		1/2		1/2		1/2	4,388.30	1/2	4,101.16	1/2	3,814.03	1/2	3,521.58	1/2	3,164.64	1/2	2,805.31		
3/4		3/4		3/4		3/4		3/4	4,382.32	3/4	4,095.18	3/4	3,808.05	3/4	3,514.77	3/4	3,157.15	3/4	2,797.82		
<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>	4,376.33	<b>1</b>	4,089.20	<b>1</b>	3,802.06	<b>1</b>	3,507.62	<b>1</b>	3,149.67	<b>1</b>	2,790.34		
1/4		1/4		1/4		1/4		1/4	4,646.51	1/4	4,370.35	1/4	4,083.22	1/4	3,796.08	1/4	3,142.18	1/4	2,782.85		
1/2		1/2		1/2		1/2		1/2	4,642.77	1/2	4,364.37	1/2	4,077.24	1/2	3,790.10	1/2	3,493.33	1/2	3,134.69	1/2	2,775.36
3/4		3/4		3/4		3/4		3/4	4,639.04	3/4	4,358.39	3/4	4,071.26	3/4	3,784.12	3/4	3,486.19	3/4	3,127.20	3/4	2,767.87
<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>	4,634.30	<b>2</b>	4,352.40	<b>2</b>	4,065.27	<b>2</b>	3,778.13	<b>2</b>	3,478.79	<b>2</b>	3,119.72	<b>2</b>	2,760.39
1/4		1/4		1/4		1/4		1/4	4,629.57	1/4	4,346.42	1/4	4,059.29	1/4	3,772.15	1/4	3,471.39	1/4	3,112.23	1/4	2,752.90
1/2		1/2		1/2		1/2		1/2	4,624.83	1/2	4,340.44	1/2	4,053.31	1/2	3,766.17	1/2	3,463.99	1/2	3,104.75	1/2	2,745.42
3/4		3/4		3/4		3/4		3/4	4,620.10	3/4	4,334.46	3/4	4,047.33	3/4	3,760.19	3/4	3,456.60	3/4	3,097.26	3/4	2,737.93
<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>	4,614.49	<b>3</b>	4,328.48	<b>3</b>	4,041.34	<b>3</b>	3,754.20	<b>3</b>	3,449.11	<b>3</b>	3,089.78	<b>3</b>	2,730.45
1/4		1/4		1/4		1/4		1/4	4,608.88	1/4	4,322.50	1/4	4,035.36	1/4	3,748.22	1/4	3,441.62	1/4	3,082.29	1/4	2,722.96
1/2		1/2		1/2		1/2		1/2	4,603.27	1/2	4,316.52	1/2	4,029.38	1/2	3,742.24	1/2	3,434.13	1/2	3,074.80	1/2	2,715.48
3/4		3/4		3/4		3/4		3/4	4,597.67	3/4	4,310.54	3/4	4,023.40	3/4	3,736.26	3/4	3,426.65	3/4	3,067.31	3/4	2,707.99
<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>	4,591.68	<b>4</b>	4,304.55	<b>4</b>	4,017.41	<b>4</b>	3,730.28	<b>4</b>	3,419.16	<b>4</b>	3,059.83	<b>4</b>	2,700.51
1/4		1/4		1/4		1/4		1/4	4,585.70	1/4	4,298.57	1/4	4,011.43	1/4	3,724.30	1/4	3,411.68	1/4	3,052.34	1/4	2,693.02
1/2		1/2		1/2		1/2		1/2	4,579.72	1/2	4,292.59	1/2	4,005.45	1/2	3,718.32	1/2	3,404.19	1/2	3,044.86	1/2	2,685.53
3/4		3/4		3/4		3/4		3/4	4,573.74	3/4	4,286.61	3/4	3,999.47	3/4	3,712.34	3/4	3,396.71	3/4	3,037.37	3/4	2,678.04
<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>	4,567.76	<b>5</b>	4,280.62	<b>5</b>	3,993.48	<b>5</b>	3,706.35	<b>5</b>	3,389.22	<b>5</b>	3,029.89	<b>5</b>	2,670.56
1/4		1/4		1/4		1/4		1/4	4,561.78	1/4	4,274.64	1/4	3,987.50	1/4	3,700.37	1/4	3,381.73	1/4	3,022.40	1/4	2,663.07
1/2		1/2		1/2		1/2		1/2	4,555.80	1/2	4,268.66	1/2	3,981.52	1/2	3,694.39	1/2	3,374.24	1/2	3,014.92	1/2	2,655.59
3/4		3/4		3/4		3/4		3/4	4,549.82	3/4	4,262.68	3/4	3,975.54	3/4	3,688.41	3/4	3,366.76	3/4	3,007.43	3/4	2,648.10
<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>	4,543.83	<b>6</b>	4,256.69	<b>6</b>	3,969.56	<b>6</b>	3,682.42	<b>6</b>	3,359.27	<b>6</b>	2,999.95	<b>6</b>	2,640.62
1/4		1/4		1/4		1/4		1/4	4,537.85	1/4	4,250.71	1/4	3,963.58	1/4	3,676.44	1/4	3,351.79	1/4	2,992.46	1/4	2,633.13
1/2		1/2		1/2		1/2		1/2	4,531.87	1/2	4,244.73	1/2	3,957.60	1/2	3,670.46	1/2	3,344.30	1/2	2,984.97	1/2	2,625.64
3/4		3/4		3/4		3/4		3/4	4,525.89	3/4	4,238.75	3/4	3,951.62	3/4	3,664.48	3/4	3,336.82	3/4	2,977.48	3/4	2,618.15
<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>	4,519.90	<b>7</b>	4,232.76	<b>7</b>	3,945.63	<b>7</b>	3,658.49	<b>7</b>	3,329.33	<b>7</b>	2,970.00	<b>7</b>	2,610.67
1/4		1/4		1/4		1/4		1/4	4,513.92	1/4	4,226.78	1/4	3,939.65	1/4	3,652.51	1/4	3,321.84	1/4	2,962.51	1/4	2,603.18
1/2		1/2		1/2		1/2		1/2	4,507.94	1/2	4,220.80	1/2	3,933.67	1/2	3,646.53	1/2	3,314.36	1/2	2,955.03	1/2	2,595.70
3/4		3/4		3/4		3/4		3/4	4,501.96	3/4	4,214.82	3/4	3,927.69	3/4	3,640.55	3/4	3,306.87	3/4	2,947.54	3/4	2,588.21
<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>	4,495.97	<b>8</b>	4,208.84	<b>8</b>	3,921.70	<b>8</b>	3,634.56	<b>8</b>	3,299.39	<b>8</b>	2,940.06	<b>8</b>	2,580.73
1/4		1/4		1/4		1/4		1/4	4,489.99	1/4	4,202.86	1/4	3,915.72	1/4	3,628.58	1/4	3,291.90	1/4	2,932.57	1/4	2,573.24
1/2		1/2		1/2		1/2		1/2	4,484.01	1/2	4,196.88	1/2	3,909.74	1/2	3,622.60	1/2	3,284.41	1/2	2,925.08	1/2	2,565.76
3/4		3/4		3/4		3/4		3/4	4,478.03	3/4	4,190.90	3/4	3,903.76	3/4	3,616.62	3/4	3,276.92	3/4	2,917.59	3/4	2,558.27
<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>	4,472.04	<b>9</b>	4,184.91	<b>9</b>	3,897.77	<b>9</b>	3,610.64	<b>9</b>	3,269.44	<b>9</b>	2,910.11	<b>9</b>	2,550.79
1/4		1/4		1/4		1/4		1/4	4,466.06	1/4	4,178.93	1/4	3,891.79	1/4	3,604.66	1/4	3,261.95	1/4	2,902.62	1/4	2,543.30
1/2		1/2		1/2		1/2		1/2	4,460.08	1/2	4,172.95	1/2	3,885.81	1/2	3,598.68	1/2	3,254.47	1/2	2,895.14	1/2	2,535.81
3/4		3/4		3/4		3/4		3/4	4,454.10	3/4	4,166.97	3/4	3,879.83	3/4	3,592.70	3/4	3,246.98	3/4	2,887.65	3/4	2,528.32
<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>	4,448.12	<b>10</b>	4,160.98	<b>10</b>	3,873.84	<b>10</b>	3,586.51	<b>10</b>	3,239.50	<b>10</b>	2,880.17	<b>10</b>	2,520.84
1/4		1/4		1/4		1/4		1/4	4,442.14	1/4	4,155.00	1/4	3,867.86	1/4	3,580.32	1/4	3,232.01	1/4	2,872.68	1/4	2,513.35
1/2		1/2		1/2		1/2		1/2	4,436.16	1/2	4,149.02	1/2	3,861.88	1/2	3,574.13	1/2	3,224.52	1/2	2,865.20	1/2	2,505.87
3/4		3/4		3/4		3/4		3/4	4,430.18	3/4	4,143.04	3/4	3,855.90	3/4	3,567.94	3/4	3,217.03	3/4	2,857.71	3/4	2,498.38
<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>	4,424.19	<b>11</b>	4,137.05	<b>11</b>	3,849.92	<b>11</b>	3,561.46	<b>11</b>	3,209.55	<b>11</b>	2,850.23	<b>11</b>	2,490.90
1/4		1/4		1/4		1/4		1/4	4,418.21	1/4	4,131.07	1/4	3,843.94	1/4	3,554.98	1/4	3,202.06	1/4	2,842.74	1/4	2,483.41
1/2		1/2		1/2		1/2		1/2	4,412.23	1/2	4,125.09	1/2	3,837.96	1/2	3,548.50	1/2	3,194.58	1/2	2,835.25	1/2	2,475.92
3/4		3/4		3/4		3/4		3/4	4,406.25	3/4	4,119.11	3/4	3,831.98	3/4	3,542.02	3/4	3,187.09	3/4	2,827.76	3/4	2,468.43

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 2802"

## 3 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	2,460.95	0	2,101.63	0	1,742.30	0	1,382.99	0	1,025.59	0	666.71	0	307.76	0		0		0	
1/4	2,453.46	1/4	2,094.14	1/4	1,734.81	1/4	1,375.52	1/4	1,018.13	1/4	659.23	1/4	300.28	1/4	1/4		1/4		1/4
1/2	2,445.98	1/2	2,086.65	1/2	1,727.32	1/2	1,368.06	1/2	1,010.67	1/2	651.75	1/2	292.80	1/2	1/2		1/2		1/2
3/4	2,438.49	3/4	2,079.16	3/4	1,719.83	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
1	2,431.01	1	2,071.68	1	1,712.35	1	1,353.15	1	995.74	1	636.79	1	277.85	1	1		1		1
1/4	2,423.52	1/4	2,064.19	1/4	1,704.86	1/4	1,345.70	1/4	988.26	1/4	629.31	1/4	270.37	1/4	1/4		1/4		1/4
1/2	2,416.04	1/2	2,056.71	1/2	1,697.38	1/2	1,338.26	1/2	980.78	1/2	621.83	1/2	262.89	1/2	1/2		1/2		1/2
3/4	2,408.55	3/4	2,049.22	3/4	1,689.89	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
2	2,401.07	2	2,041.74	2	1,682.41	2	1,323.37	2	965.83	2	606.88	2	247.94	2	2		2		2
1/4	2,393.58	1/4	2,034.25	1/4	1,674.92	1/4	1,315.93	1/4	958.35	1/4	599.40	1/4	240.46	1/4	1/4		1/4		1/4
1/2	2,386.09	1/2	2,026.76	1/2	1,667.44	1/2	1,308.49	1/2	950.87	1/2	591.92	1/2	232.98	1/2	1/2		1/2		1/2
3/4	2,378.60	3/4	2,019.27	3/4	1,659.95	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	2,371.12	3	2,011.79	3	1,652.47	3	1,293.60	3	935.91	3	576.97	3	218.03	3	3		3		3
1/4	2,363.63	1/4	2,004.30	1/4	1,644.98	1/4	1,286.15	1/4	928.43	1/4	569.49	1/4	210.55	1/4	1/4		1/4		1/4
1/2	2,356.15	1/2	1,996.82	1/2	1,637.49	1/2	1,278.71	1/2	920.95	1/2	562.01	1/2	203.07	1/2	1/2		1/2		1/2
3/4	2,348.66	3/4	1,989.33	3/4	1,630.00	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
4	2,341.18	4	1,981.85	4	1,622.52	4	1,263.82	4	906.00	4	547.06	4	188.11	4	4		4		4
1/4	2,333.69	1/4	1,974.36	1/4	1,615.03	1/4	1,256.38	1/4	898.52	1/4	539.58	1/4	180.63	1/4	1/4		1/4		1/4
1/2	2,326.20	1/2	1,966.88	1/2	1,607.55	1/2	1,248.94	1/2	891.04	1/2	532.10	1/2	173.15	1/2	1/2		1/2		1/2
3/4	2,318.71	3/4	1,959.39	3/4	1,600.06	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
5	2,311.23	5	1,951.91	5	1,592.58	5	1,234.05	5	876.09	5	517.15	5	158.20	5	5		5		5
1/4	2,303.74	1/4	1,944.42	1/4	1,585.09	1/4	1,226.60	1/4	868.61	1/4	509.67	1/4	150.72	1/4	1/4		1/4		1/4
1/2	2,296.26	1/2	1,936.93	1/2	1,577.60	1/2	1,219.16	1/2	861.13	1/2	502.19	1/2	143.24	1/2	1/2		1/2		1/2
3/4	2,288.77	3/4	1,929.44	3/4	1,570.11	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
6	2,281.29	6	1,921.96	6	1,562.63	6	1,204.27	6	846.18	6	487.23	6	128.29	6	6		6		6
1/4	2,273.80	1/4	1,914.47	1/4	1,555.14	1/4	1,196.82	1/4	838.70	1/4	479.75	1/4	120.81	1/4	1/4		1/4		1/4
1/2	2,266.32	1/2	1,906.99	1/2	1,547.66	1/2	1,189.38	1/2	831.22	1/2	472.27	1/2	113.33	1/2	1/2		1/2		1/2
3/4	2,258.83	3/4	1,899.50	3/4	1,540.17	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
7	2,251.35	7	1,892.02	7	1,532.69	7	1,174.49	7	816.27	7	457.32	7	98.38	7	7		7		7
1/4	2,243.86	1/4	1,884.53	1/4	1,525.20	1/4	1,167.05	1/4	808.79	1/4	449.84	1/4	90.90	1/4	1/4		1/4		1/4
1/2	2,236.37	1/2	1,877.04	1/2	1,517.72	1/2	1,159.61	1/2	801.31	1/2	442.36	1/2	83.42	1/2	1/2		1/2		1/2
3/4	2,228.88	3/4	1,869.55	3/4	1,510.23	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
8	2,221.40	8	1,862.07	8	1,502.75	8	1,144.72	8	786.35	8	427.41	8	68.93	8	8		8		8
1/4	2,213.91	1/4	1,854.58	1/4	1,495.26	1/4	1,137.27	1/4	778.87	1/4	419.93	1/4	61.92	1/4	1/4		1/4		1/4
1/2	2,206.43	1/2	1,847.10	1/2	1,487.77	1/2	1,129.83	1/2	771.39	1/2	412.45	1/2	54.91	1/2	1/2		1/2		1/2
3/4	2,198.94	3/4	1,839.61	3/4	1,480.28	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
9	2,191.46	9	1,832.13	9	1,472.80	9	1,114.94	9	756.44	9	397.50	9	42.29	9	9		9		9
1/4	2,183.97	1/4	1,824.64	1/4	1,465.31	1/4	1,107.50	1/4	748.96	1/4	390.02	1/4	36.68	1/4	1/4		1/4		1/4
1/2	2,176.48	1/2	1,817.16	1/2	1,457.83	1/2	1,100.06	1/2	741.48	1/2	382.54	1/2	31.07	1/2	1/2		1/2		1/2
3/4	2,168.99	3/4	1,809.67	3/4	1,450.34	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
10	2,161.51	10	1,802.19	10	1,442.86	10	1,085.17	10	726.53	10	367.59	10	21.72	10	10		10		10
1/4	2,154.02	1/4	1,794.70	1/4	1,435.37	1/4	1,077.72	1/4	719.05	1/4	360.11	1/4	17.98	1/4	1/4		1/4		1/4
1/2	2,146.54	1/2	1,787.21	1/2	1,427.88	1/2	1,070.28	1/2	711.57	1/2	352.63	1/2		1/2	1/2		1/2		1/2
3/4	2,139.05	3/4	1,779.72	3/4	1,420.39	3/4	1,062.83	3/4	704.09	3/4	345.15	3/4		3/4	3/4		3/4		3/4
11	2,131.57	11	1,772.24	11	1,412.91	11	1,055.39	11	696.62	11	337.67	11		11	11		11		11
1/4	2,124.08	1/4	1,764.75	1/4	1,405.42	1/4	1,047.94	1/4	689.14	1/4	330.19	1/4		1/4	1/4		1/4		1/4
1/2	2,116.60	1/2	1,757.27	1/2	1,397.94	1/2	1,040.50	1/2	681.66	1/2	322.71	1/2		1/2	1/2		1/2		1/2
3/4	2,109.11	3/4	1,749.78	3/4	1,390.45	3/4	1,033.05	3/4	674.18	3/4	315.23	3/4		3/4	3/4		3/4		3/4

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& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "MMI 2802"

3 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	HT	IN	OUT	HT	IN	OUT	HT	IN	OUT	HT	IN	OUT	HT	IN	OUT	HT	IN	OUT	HT	IN	OUT	HT	IN	OUT	HT	IN	OUT	HT	IN	OUT	HT
0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0	0		0

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.

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# BARGE "MMI 2802"

## 3 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	2,468.43	0	2,109.11	0	1,749.78	0	1,390.45	0	1,033.05	0	674.18	0	315.23	0		0		0	
1/4	2,460.95	1/4	2,101.63	1/4	1,742.30	1/4	1,382.99	1/4	1,025.59	1/4	666.71	1/4	307.76	1/4	1/4		1/4		1/4
1/2	2,453.46	1/2	2,094.14	1/2	1,734.81	1/2	1,375.52	1/2	1,018.13	1/2	659.23	1/2	300.28	1/2	1/2		1/2		1/2
3/4	2,445.98	3/4	2,086.65	3/4	1,727.32	3/4	1,368.06	3/4	1,010.67	3/4	651.75	3/4	292.80	3/4	3/4		3/4		3/4
1	2,438.49	1	2,079.16	1	1,719.83	1	1,360.59	1	1,003.21	1	644.27	1	285.32	1	1		1		1
1/4	2,431.01	1/4	2,071.68	1/4	1,712.35	1/4	1,353.15	1/4	995.74	1/4	636.79	1/4	277.85	1/4	1/4		1/4		1/4
1/2	2,423.52	1/2	2,064.19	1/2	1,704.86	1/2	1,345.70	1/2	988.26	1/2	629.31	1/2	270.37	1/2	1/2		1/2		1/2
3/4	2,416.04	3/4	2,056.71	3/4	1,697.38	3/4	1,338.26	3/4	980.78	3/4	621.83	3/4	262.89	3/4	3/4		3/4		3/4
2	2,408.55	2	2,049.22	2	1,689.89	2	1,330.81	2	973.30	2	614.35	2	255.41	2	2		2		2
1/4	2,401.07	1/4	2,041.74	1/4	1,682.41	1/4	1,323.37	1/4	965.83	1/4	606.88	1/4	247.94	1/4	1/4		1/4		1/4
1/2	2,393.58	1/2	2,034.25	1/2	1,674.92	1/2	1,315.93	1/2	958.35	1/2	599.40	1/2	240.46	1/2	1/2		1/2		1/2
3/4	2,386.09	3/4	2,026.76	3/4	1,667.44	3/4	1,308.49	3/4	950.87	3/4	591.92	3/4	232.98	3/4	3/4		3/4		3/4
3	2,378.60	3	2,019.27	3	1,659.95	3	1,301.04	3	943.39	3	584.44	3	225.50	3	3		3		3
1/4	2,371.12	1/4	2,011.79	1/4	1,652.47	1/4	1,293.60	1/4	935.91	1/4	576.97	1/4	218.03	1/4	1/4		1/4		1/4
1/2	2,363.63	1/2	2,004.30	1/2	1,644.98	1/2	1,286.15	1/2	928.43	1/2	569.49	1/2	210.55	1/2	1/2		1/2		1/2
3/4	2,356.15	3/4	1,996.82	3/4	1,637.49	3/4	1,278.71	3/4	920.95	3/4	562.01	3/4	203.07	3/4	3/4		3/4		3/4
4	2,348.66	4	1,989.33	4	1,630.00	4	1,271.26	4	913.47	4	554.53	4	195.59	4	4		4		4
1/4	2,341.18	1/4	1,981.85	1/4	1,622.52	1/4	1,263.82	1/4	906.00	1/4	547.06	1/4	188.11	1/4	1/4		1/4		1/4
1/2	2,333.69	1/2	1,974.36	1/2	1,615.03	1/2	1,256.38	1/2	898.52	1/2	539.58	1/2	180.63	1/2	1/2		1/2		1/2
3/4	2,326.20	3/4	1,966.88	3/4	1,607.55	3/4	1,248.94	3/4	891.04	3/4	532.10	3/4	173.15	3/4	3/4		3/4		3/4
5	2,318.71	5	1,959.39	5	1,600.06	5	1,241.49	5	883.56	5	524.62	5	165.67	5	5		5		5
1/4	2,311.23	1/4	1,951.91	1/4	1,592.58	1/4	1,234.05	1/4	876.09	1/4	517.15	1/4	158.20	1/4	1/4		1/4		1/4
1/2	2,303.74	1/2	1,944.42	1/2	1,585.09	1/2	1,226.60	1/2	868.61	1/2	509.67	1/2	150.72	1/2	1/2		1/2		1/2
3/4	2,296.26	3/4	1,936.93	3/4	1,577.60	3/4	1,219.16	3/4	861.13	3/4	502.19	3/4	143.24	3/4	3/4		3/4		3/4
6	2,288.77	6	1,929.44	6	1,570.11	6	1,211.71	6	853.65	6	494.71	6	135.76	6	6		6		6
1/4	2,281.29	1/4	1,921.96	1/4	1,562.63	1/4	1,204.27	1/4	846.18	1/4	487.23	1/4	128.29	1/4	1/4		1/4		1/4
1/2	2,273.80	1/2	1,914.47	1/2	1,555.14	1/2	1,196.82	1/2	838.70	1/2	479.75	1/2	120.81	1/2	1/2		1/2		1/2
3/4	2,266.32	3/4	1,906.99	3/4	1,547.66	3/4	1,189.38	3/4	831.22	3/4	472.27	3/4	113.33	3/4	3/4		3/4		3/4
7	2,258.83	7	1,899.50	7	1,540.17	7	1,181.93	7	823.74	7	464.79	7	105.85	7	7		7		7
1/4	2,251.35	1/4	1,892.02	1/4	1,532.69	1/4	1,174.49	1/4	816.27	1/4	457.32	1/4	98.38	1/4	1/4		1/4		1/4
1/2	2,243.86	1/2	1,884.53	1/2	1,525.20	1/2	1,167.05	1/2	808.79	1/2	449.84	1/2	90.90	1/2	1/2		1/2		1/2
3/4	2,236.37	3/4	1,877.04	3/4	1,517.72	3/4	1,159.61	3/4	801.31	3/4	442.36	3/4	83.42	3/4	3/4		3/4		3/4
8	2,228.88	8	1,869.55	8	1,510.23	8	1,152.16	8	793.83	8	434.88	8	75.94	8	8		8		8
1/4	2,221.40	1/4	1,862.07	1/4	1,502.75	1/4	1,144.72	1/4	786.35	1/4	427.41	1/4	68.93	1/4	1/4		1/4		1/4
1/2	2,213.91	1/2	1,854.58	1/2	1,495.26	1/2	1,137.27	1/2	778.87	1/2	419.93	1/2	61.92	1/2	1/2		1/2		1/2
3/4	2,206.43	3/4	1,847.10	3/4	1,487.77	3/4	1,129.83	3/4	771.39	3/4	412.45	3/4	54.91	3/4	3/4		3/4		3/4
9	2,198.94	9	1,839.61	9	1,480.28	9	1,122.38	9	763.91	9	404.97	9	47.89	9	9		9		9
1/4	2,191.46	1/4	1,832.13	1/4	1,472.80	1/4	1,114.94	1/4	756.44	1/4	397.50	1/4	42.29	1/4	1/4		1/4		1/4
1/2	2,183.97	1/2	1,824.64	1/2	1,465.31	1/2	1,107.50	1/2	748.96	1/2	390.02	1/2	36.68	1/2	1/2		1/2		1/2
3/4	2,176.48	3/4	1,817.16	3/4	1,457.83	3/4	1,100.06	3/4	741.48	3/4	382.54	3/4	31.07	3/4	3/4		3/4		3/4
10	2,168.99	10	1,809.67	10	1,450.34	10	1,092.61	10	734.00	10	375.06	10	25.46	10	10		10		10
1/4	2,161.51	1/4	1,802.19	1/4	1,442.86	1/4	1,085.17	1/4	726.53	1/4	367.59	1/4	21.72	1/4	1/4		1/4		1/4
1/2	2,154.02	1/2	1,794.70	1/2	1,435.37	1/2	1,077.72	1/2	719.05	1/2	360.11	1/2	17.98	1/2	1/2		1/2		1/2
3/4	2,146.54	3/4	1,787.21	3/4	1,427.88	3/4	1,070.28	3/4	711.57	3/4	352.63	3/4		3/4	3/4		3/4		3/4
11	2,139.05	11	1,779.72	11	1,420.39	11	1,062.83	11	704.09	11	345.15	11		11	11		11		11
1/4	2,131.57	1/4	1,772.24	1/4	1,412.91	1/4	1,055.39	1/4	696.62	1/4	337.67	1/4		1/4	1/4		1/4		1/4
1/2	2,124.08	1/2	1,764.75	1/2	1,405.42	1/2	1,047.94	1/2	689.14	1/2	330.19	1/2		1/2	1/2		1/2		1/2
3/4	2,116.60	3/4	1,757.27	3/4	1,397.94	3/4	1,040.50	3/4	681.66	3/4	322.71	3/4		3/4	3/4		3/4		3/4

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