



# BARGE "MMI 3059"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

January 17, 2020

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "MMI 3059"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	5,072.42	0	4,744.43	0	4,386.26	0	4,028.08	0	3,669.90	0	3,311.73	0	2,953.55
1/4		1/4		1/4		1/4	5,069.31	1/4	4,736.97	1/4	4,376.80	1/4	4,020.62	1/4	3,662.44	1/4	3,304.27	1/4	2,946.09
1/2		1/2		1/2		1/2	5,065.07	1/2	4,729.51	1/2	4,371.34	1/2	4,013.16	1/2	3,654.98	1/2	3,296.81	1/2	2,938.63
3/4		3/4		3/4		3/4	5,060.83	3/4	4,722.05	3/4	4,363.88	3/4	4,005.70	3/4	3,647.52	3/4	3,289.35	3/4	2,931.17
1	1	1	1	1	1	1	5,056.59	1	4,714.58	1	4,356.41	1	3,998.23	1	3,640.06	1	3,281.88	1	2,923.70
1/4		1/4		1/4		1/4	5,052.35	1/4	4,707.12	1/4	4,348.95	1/4	3,990.77	1/4	3,632.60	1/4	3,274.42	1/4	2,916.24
1/2		1/2		1/2		1/2	5,046.98	1/2	4,699.66	1/2	4,341.49	1/2	3,983.31	1/2	3,625.14	1/2	3,266.96	1/2	2,908.78
3/4		3/4		3/4		3/4	5,041.60	3/4	4,692.20	3/4	4,334.03	3/4	3,975.85	3/4	3,617.68	3/4	3,259.50	3/4	2,901.32
2	2	2	2	2	2	2	5,036.23	2	4,684.74	2	4,326.56	2	3,968.38	2	3,610.21	2	3,252.03	2	2,893.86
1/4		1/4		1/4		1/4	5,030.85	1/4	4,677.28	1/4	4,319.10	1/4	3,960.92	1/4	3,602.75	1/4	3,244.57	1/4	2,886.40
1/2		1/2		1/2		1/2	5,024.34	1/2	4,669.82	1/2	4,311.64	1/2	3,953.46	1/2	3,595.29	1/2	3,237.11	1/2	2,878.94
3/4		3/4		3/4		3/4	5,017.84	3/4	4,662.36	3/4	4,304.18	3/4	3,946.00	3/4	3,587.83	3/4	3,229.65	3/4	2,871.48
3	3	3	3	3	3	3	5,011.33	3	4,654.89	3	4,296.71	3	3,938.54	3	3,580.36	3	3,222.18	3	2,864.01
1/4		1/4		1/4		1/4	5,004.82	1/4	4,647.43	1/4	4,289.25	1/4	3,931.08	1/4	3,572.90	1/4	3,214.72	1/4	2,856.55
1/2		1/2		1/2		1/2	4,997.56	1/2	4,639.97	1/2	4,281.79	1/2	3,923.62	1/2	3,565.44	1/2	3,207.26	1/2	2,849.09
3/4		3/4		3/4		3/4	4,990.29	3/4	4,632.51	3/4	4,274.33	3/4	3,916.16	3/4	3,557.98	3/4	3,199.80	3/4	2,841.63
4	4	4	4	4	4	4	4,983.03	4	4,625.04	4	4,266.86	4	3,908.69	4	3,550.51	4	3,192.34	4	2,834.16
1/4		1/4		1/4		1/4	4,975.76	1/4	4,617.58	1/4	4,259.40	1/4	3,901.23	1/4	3,543.05	1/4	3,184.88	1/4	2,826.70
1/2		1/2		1/2		1/2	4,968.30	1/2	4,610.12	1/2	4,251.94	1/2	3,893.77	1/2	3,535.59	1/2	3,177.42	1/2	2,819.24
3/4		3/4		3/4		3/4	4,960.84	3/4	4,602.66	3/4	4,244.48	3/4	3,886.31	3/4	3,528.13	3/4	3,169.96	3/4	2,811.78
5	5	5	5	5	5	5	4,953.37	5	4,595.19	5	4,237.02	5	3,878.84	5	3,520.66	5	3,162.49	5	2,804.31
1/4		1/4		1/4		1/4	4,945.91	1/4	4,587.73	1/4	4,229.56	1/4	3,871.38	1/4	3,513.20	1/4	3,155.03	1/4	2,796.85
1/2		1/2		1/2		1/2	4,938.45	1/2	4,580.27	1/2	4,222.10	1/2	3,863.92	1/2	3,505.74	1/2	3,147.57	1/2	2,789.39
3/4		3/4		3/4		3/4	4,930.99	3/4	4,572.81	3/4	4,214.64	3/4	3,856.46	3/4	3,498.28	3/4	3,140.11	3/4	2,781.93
6	6	6	6	6	6	6	4,923.52	6	4,565.34	6	4,207.17	6	3,848.99	6	3,490.82	6	3,132.64	6	2,774.46
1/4		1/4		1/4		1/4	4,916.06	1/4	4,557.88	1/4	4,199.71	1/4	3,841.53	1/4	3,483.36	1/4	3,125.18	1/4	2,767.00
1/2		1/2		1/2		1/2	4,908.60	1/2	4,550.42	1/2	4,192.25	1/2	3,834.07	1/2	3,475.90	1/2	3,117.72	1/2	2,759.54
3/4		3/4		3/4		3/4	4,901.14	3/4	4,542.96	3/4	4,184.79	3/4	3,826.61	3/4	3,468.44	3/4	3,110.26	3/4	2,752.08
7	7	7	7	7	7	7	4,893.67	7	4,535.50	7	4,177.32	7	3,819.14	7	3,460.97	7	3,102.79	7	2,744.62
1/4		1/4		1/4		1/4	4,886.21	1/4	4,528.04	1/4	4,169.86	1/4	3,811.68	1/4	3,453.51	1/4	3,095.33	1/4	2,737.16
1/2		1/2		1/2		1/2	4,878.75	1/2	4,520.58	1/2	4,162.40	1/2	3,804.22	1/2	3,446.05	1/2	3,087.87	1/2	2,729.70
3/4		3/4		3/4		3/4	4,871.29	3/4	4,513.12	3/4	4,154.94	3/4	3,796.76	3/4	3,438.59	3/4	3,080.41	3/4	2,722.24
8	8	8	8	8	8	8	4,863.82	8	4,505.65	8	4,147.47	8	3,789.30	8	3,431.12	8	3,072.94	8	2,714.77
1/4		1/4		1/4		1/4	4,856.36	1/4	4,498.19	1/4	4,140.01	1/4	3,781.84	1/4	3,423.66	1/4	3,065.48	1/4	2,707.31
1/2		1/2		1/2		1/2	4,848.90	1/2	4,490.73	1/2	4,132.55	1/2	3,774.38	1/2	3,416.20	1/2	3,058.02	1/2	2,699.85
3/4		3/4		3/4		3/4	4,841.44	3/4	4,483.27	3/4	4,125.09	3/4	3,766.92	3/4	3,408.74	3/4	3,050.56	3/4	2,692.39
9	9	9	9	9	9	9	5,093.74	9	4,833.98	9	4,475.80	9	4,117.62	9	3,759.45	9	3,401.27	9	3,043.10
1/4		1/4		1/4		1/4	5,093.32	1/4	4,826.52	1/4	4,468.34	1/4	4,110.16	1/4	3,751.99	1/4	3,393.81	1/4	3,035.64
1/2		1/2		1/2		1/2	5,092.41	1/2	4,819.06	1/2	4,460.88	1/2	4,102.70	1/2	3,744.53	1/2	3,386.35	1/2	3,028.18
3/4		3/4		3/4		3/4	5,091.49	3/4	4,811.60	3/4	4,453.42	3/4	4,095.24	3/4	3,737.07	3/4	3,378.89	3/4	3,020.72
10	10	10	10	10	10	10	5,090.58	10	4,804.13	10	4,445.95	10	4,087.78	10	3,729.60	10	3,371.42	10	3,013.25
1/4		1/4		1/4		1/4	5,089.66	1/4	4,796.67	1/4	4,438.49	1/4	4,080.32	1/4	3,722.14	1/4	3,363.96	1/4	3,005.79
1/2		1/2		1/2		1/2	5,087.68	1/2	4,789.21	1/2	4,431.03	1/2	4,072.86	1/2	3,714.68	1/2	3,356.50	1/2	2,998.33
3/4		3/4		3/4		3/4	5,085.71	3/4	4,781.75	3/4	4,423.57	3/4	4,065.40	3/4	3,707.22	3/4	3,349.04	3/4	2,990.87
11	11	11	11	11	11	11	5,083.73	11	4,774.28	11	4,416.10	11	4,057.93	11	3,699.75	11	3,341.58	11	2,983.40
1/4		1/4		1/4		1/4	5,081.75	1/4	4,766.82	1/4	4,408.64	1/4	4,050.47	1/4	3,692.29	1/4	3,334.12	1/4	2,975.94
1/2		1/2		1/2		1/2	5,078.64	1/2	4,759.36	1/2	4,401.18	1/2	4,043.01	1/2	3,684.83	1/2	3,326.66	1/2	2,968.48
3/4		3/4		3/4		3/4	5,075.53	3/4	4,751.90	3/4	4,393.72	3/4	4,035.55	3/4	3,677.37	3/4	3,319.20	3/4	2,961.02

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" GAUGING DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED 12'-08" OFF CENTERLINE AND 46'-04" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "MMI 3059"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,595.38	0	2,237.20	0	1,879.02	0	1,520.85	0	1,162.67	0	804.50	0	445.47	0	105.67	0		0	
1/4	2,587.92	1/4	2,229.74	1/4	1,871.56	1/4	1,513.39	1/4	1,155.21	1/4	797.04	1/4	437.95	1/4	99.14	1/4		1/4	
1/2	2,580.46	1/2	2,222.28	1/2	1,864.10	1/2	1,505.93	1/2	1,147.75	1/2	789.58	1/2	430.50	1/2	92.68	1/2		1/2	
3/4	2,573.00	3/4	2,214.82	3/4	1,856.64	3/4	1,498.47	3/4	1,140.29	3/4	782.12	3/4	423.05	3/4	86.22	3/4		3/4	
1	2,565.53	1	2,207.35	1	1,849.18	1	1,491.00	1	1,132.82	1	774.65	1	415.59	1	79.75	1		1	
1/4	2,558.07	1/4	2,199.89	1/4	1,841.72	1/4	1,483.54	1/4	1,125.36	1/4	767.19	1/4	408.14	1/4	73.29	1/4		1/4	
1/2	2,550.61	1/2	2,192.43	1/2	1,834.26	1/2	1,476.08	1/2	1,117.90	1/2	759.73	1/2	400.75	1/2	66.89	1/2		1/2	
3/4	2,543.15	3/4	2,184.97	3/4	1,826.80	3/4	1,468.62	3/4	1,110.44	3/4	752.27	3/4	393.36	3/4	60.49	3/4		3/4	
2	2,535.68	2	2,177.50	2	1,819.33	2	1,461.15	2	1,102.98	2	744.80	2	385.97	2	54.08	2		2	
1/4	2,528.22	1/4	2,170.04	1/4	1,811.87	1/4	1,453.69	1/4	1,095.52	1/4	737.34	1/4	378.58	1/4	47.68	1/4		1/4	
1/2	2,520.76	1/2	2,162.58	1/2	1,804.41	1/2	1,446.23	1/2	1,088.06	1/2	729.88	1/2	371.25	1/2	42.42	1/2		1/2	
3/4	2,513.30	3/4	2,155.12	3/4	1,796.95	3/4	1,438.77	3/4	1,080.60	3/4	722.42	3/4	363.93	3/4	37.16	3/4		3/4	
3	2,505.83	3	2,147.66	3	1,789.48	3	1,431.30	3	1,073.13	3	714.95	3	356.60	3	31.90	3		3	
1/4	2,498.37	1/4	2,140.20	1/4	1,782.02	1/4	1,423.84	1/4	1,065.67	1/4	707.49	1/4	349.27	1/4		1/4		1/4	
1/2	2,490.91	1/2	2,132.74	1/2	1,774.56	1/2	1,416.38	1/2	1,058.21	1/2	700.03	1/2	342.01	1/2		1/2		1/2	
3/4	2,483.45	3/4	2,125.28	3/4	1,767.10	3/4	1,408.92	3/4	1,050.75	3/4	692.57	3/4	334.74	3/4		3/4		3/4	
4	2,475.98	4	2,117.81	4	1,759.63	4	1,401.46	4	1,043.28	4	685.10	4	327.48	4		4		4	
1/4	2,468.52	1/4	2,110.35	1/4	1,752.17	1/4	1,394.00	1/4	1,035.82	1/4	677.64	1/4	320.21	1/4		1/4		1/4	
1/2	2,461.06	1/2	2,102.89	1/2	1,744.71	1/2	1,386.54	1/2	1,028.36	1/2	670.18	1/2	313.01	1/2		1/2		1/2	
3/4	2,453.60	3/4	2,095.43	3/4	1,737.25	3/4	1,379.08	3/4	1,020.90	3/4	662.72	3/4	305.80	3/4		3/4		3/4	
5	2,446.14	5	2,087.96	5	1,729.78	5	1,371.61	5	1,013.43	5	655.26	5	298.60	5		5		5	
1/4	2,438.68	1/4	2,080.50	1/4	1,722.32	1/4	1,364.15	1/4	1,005.97	1/4	647.80	1/4	291.39	1/4		1/4		1/4	
1/2	2,431.22	1/2	2,073.04	1/2	1,714.86	1/2	1,356.69	1/2	998.51	1/2	640.34	1/2	284.25	1/2		1/2		1/2	
3/4	2,423.76	3/4	2,065.58	3/4	1,707.40	3/4	1,349.23	3/4	991.05	3/4	632.88	3/4	277.11	3/4		3/4		3/4	
6	2,416.29	6	2,058.11	6	1,699.94	6	1,341.76	6	983.58	6	625.41	6	269.97	6		6		6	
1/4	2,408.83	1/4	2,050.65	1/4	1,692.48	1/4	1,334.30	1/4	976.12	1/4	617.95	1/4	262.83	1/4		1/4		1/4	
1/2	2,401.37	1/2	2,043.19	1/2	1,685.02	1/2	1,326.84	1/2	968.66	1/2	610.49	1/2	255.76	1/2		1/2		1/2	
3/4	2,393.91	3/4	2,035.73	3/4	1,677.56	3/4	1,319.38	3/4	961.20	3/4	603.03	3/4	248.68	3/4		3/4		3/4	
7	2,386.44	7	2,028.26	7	1,670.09	7	1,311.91	7	953.74	7	595.56	7	241.61	7		7		7	
1/4	2,378.98	1/4	2,020.80	1/4	1,662.63	1/4	1,304.45	1/4	946.28	1/4	588.10	1/4	234.53	1/4		1/4		1/4	
1/2	2,371.52	1/2	2,013.34	1/2	1,655.17	1/2	1,296.99	1/2	938.82	1/2	580.64	1/2	227.52	1/2		1/2		1/2	
3/4	2,364.06	3/4	2,005.88	3/4	1,647.71	3/4	1,289.53	3/4	931.36	3/4	573.18	3/4	220.50	3/4		3/4		3/4	
8	2,356.59	8	1,998.42	8	1,640.24	8	1,282.06	8	923.89	8	565.71	8	213.49	8		8		8	
1/4	2,349.13	1/4	1,990.96	1/4	1,632.78	1/4	1,274.60	1/4	916.43	1/4	558.25	1/4	206.47	1/4		1/4		1/4	
1/2	2,341.67	1/2	1,983.50	1/2	1,625.32	1/2	1,267.14	1/2	908.97	1/2	550.79	1/2	199.52	1/2		1/2		1/2	
3/4	2,334.21	3/4	1,976.04	3/4	1,617.86	3/4	1,259.68	3/4	901.51	3/4	543.33	3/4	192.57	3/4		3/4		3/4	
9	2,326.74	9	1,968.57	9	1,610.39	9	1,252.22	9	894.04	9	535.86	9	185.61	9		9		9	
1/4	2,319.28	1/4	1,961.11	1/4	1,602.93	1/4	1,244.76	1/4	886.58	1/4	528.40	1/4	178.66	1/4		1/4		1/4	
1/2	2,311.82	1/2	1,953.65	1/2	1,595.47	1/2	1,237.30	1/2	879.12	1/2	520.88	1/2	171.89	1/2		1/2		1/2	
3/4	2,304.36	3/4	1,946.19	3/4	1,588.01	3/4	1,229.84	3/4	871.66	3/4	513.36	3/4	165.13	3/4		3/4		3/4	
10	2,296.90	10	1,938.72	10	1,580.54	10	1,222.37	10	864.19	10	505.84	10	158.36	10		10		10	
1/4	2,289.44	1/4	1,931.26	1/4	1,573.08	1/4	1,214.91	1/4	856.73	1/4	498.32	1/4	151.59	1/4		1/4		1/4	
1/2	2,281.98	1/2	1,923.80	1/2	1,565.62	1/2	1,207.45	1/2	849.27	1/2	490.74	1/2	145.00	1/2		1/2		1/2	
3/4	2,274.52	3/4	1,916.34	3/4	1,558.16	3/4	1,199.99	3/4	841.81	3/4	483.17	3/4	138.42	3/4		3/4		3/4	
11	2,267.05	11	1,908.87	11	1,550.70	11	1,192.52	11	834.34	11	475.59	11	131.83	11		11		11	
1/4	2,259.59	1/4	1,901.41	1/4	1,543.24	1/4	1,185.06	1/4	826.88	1/4	468.01	1/4	125.24	1/4		1/4		1/4	
1/2	2,252.13	1/2	1,893.95	1/2	1,535.78	1/2	1,177.60	1/2	819.42	1/2	460.50	1/2	118.72	1/2		1/2		1/2	
3/4	2,244.67	3/4	1,886.49	3/4	1,528.32	3/4	1,170.14	3/4	811.96	3/4	452.98	3/4	112.19	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2007 INS  
RECALCULATED: 01/17/2020 CL  
REPRINTED: 01/17/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "MMI 3059"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	5,072.42	0	4,744.43	0	4,386.26	0	4,028.08	0	3,669.90	0	3,311.73	0	2,953.55
1/4		1/4		1/4		1/4	5,069.31	1/4	4,736.97	1/4	4,376.80	1/4	4,020.62	1/4	3,662.44	1/4	3,304.27	1/4	2,946.09
1/2		1/2		1/2		1/2	5,065.07	1/2	4,729.51	1/2	4,371.34	1/2	4,013.16	1/2	3,654.98	1/2	3,296.81	1/2	2,938.63
3/4		3/4		3/4		3/4	5,060.83	3/4	4,722.05	3/4	4,363.88	3/4	4,005.70	3/4	3,647.52	3/4	3,289.35	3/4	2,931.17
1	1	1	1	1	1	1	5,056.59	1	4,714.58	1	4,356.41	1	3,998.23	1	3,640.06	1	3,281.88	1	2,923.70
1/4		1/4		1/4		1/4	5,052.35	1/4	4,707.12	1/4	4,348.95	1/4	3,990.77	1/4	3,632.60	1/4	3,274.42	1/4	2,916.24
1/2		1/2		1/2		1/2	5,046.98	1/2	4,699.66	1/2	4,341.49	1/2	3,983.31	1/2	3,625.14	1/2	3,266.96	1/2	2,908.78
3/4		3/4		3/4		3/4	5,041.60	3/4	4,692.20	3/4	4,334.03	3/4	3,975.85	3/4	3,617.68	3/4	3,259.50	3/4	2,901.32
2	2	2	2	2	2	2	5,036.23	2	4,684.74	2	4,326.56	2	3,968.38	2	3,610.21	2	3,252.03	2	2,893.86
1/4		1/4		1/4		1/4	5,030.85	1/4	4,677.28	1/4	4,319.10	1/4	3,960.92	1/4	3,602.75	1/4	3,244.57	1/4	2,886.40
1/2		1/2		1/2		1/2	5,024.34	1/2	4,669.82	1/2	4,311.64	1/2	3,953.46	1/2	3,595.29	1/2	3,237.11	1/2	2,878.94
3/4		3/4		3/4		3/4	5,017.84	3/4	4,662.36	3/4	4,304.18	3/4	3,946.00	3/4	3,587.83	3/4	3,229.65	3/4	2,871.48
3	3	3	3	3	3	3	5,011.33	3	4,654.89	3	4,296.71	3	3,938.54	3	3,580.36	3	3,222.18	3	2,864.01
1/4		1/4		1/4		1/4	5,004.82	1/4	4,647.43	1/4	4,289.25	1/4	3,931.08	1/4	3,572.90	1/4	3,214.72	1/4	2,856.55
1/2		1/2		1/2		1/2	4,997.56	1/2	4,639.97	1/2	4,281.79	1/2	3,923.62	1/2	3,565.44	1/2	3,207.26	1/2	2,849.09
3/4		3/4		3/4		3/4	4,990.29	3/4	4,632.51	3/4	4,274.33	3/4	3,916.16	3/4	3,557.98	3/4	3,199.80	3/4	2,841.63
4	4	4	4	4	4	4	4,983.03	4	4,625.04	4	4,266.86	4	3,908.69	4	3,550.51	4	3,192.34	4	2,834.16
1/4		1/4		1/4		1/4	4,975.76	1/4	4,617.58	1/4	4,259.40	1/4	3,901.23	1/4	3,543.05	1/4	3,184.88	1/4	2,826.70
1/2		1/2		1/2		1/2	4,968.30	1/2	4,610.12	1/2	4,251.94	1/2	3,893.77	1/2	3,535.59	1/2	3,177.42	1/2	2,819.24
3/4		3/4		3/4		3/4	4,960.84	3/4	4,602.66	3/4	4,244.48	3/4	3,886.31	3/4	3,528.13	3/4	3,169.96	3/4	2,811.78
5	5	5	5	5	5	5	4,953.37	5	4,595.19	5	4,237.02	5	3,878.84	5	3,520.66	5	3,162.49	5	2,804.31
1/4		1/4		1/4		1/4	4,945.91	1/4	4,587.73	1/4	4,229.56	1/4	3,871.38	1/4	3,513.20	1/4	3,155.03	1/4	2,796.85
1/2		1/2		1/2		1/2	4,938.45	1/2	4,580.27	1/2	4,222.10	1/2	3,863.92	1/2	3,505.74	1/2	3,147.57	1/2	2,789.39
3/4		3/4		3/4		3/4	4,930.99	3/4	4,572.81	3/4	4,214.64	3/4	3,856.46	3/4	3,498.28	3/4	3,140.11	3/4	2,781.93
6	6	6	6	6	6	6	4,923.52	6	4,565.34	6	4,207.17	6	3,848.99	6	3,490.82	6	3,132.64	6	2,774.46
1/4		1/4		1/4		1/4	4,916.06	1/4	4,557.88	1/4	4,199.71	1/4	3,841.53	1/4	3,483.36	1/4	3,125.18	1/4	2,767.00
1/2		1/2		1/2		1/2	4,908.60	1/2	4,550.42	1/2	4,192.25	1/2	3,834.07	1/2	3,475.90	1/2	3,117.72	1/2	2,759.54
3/4		3/4		3/4		3/4	4,901.14	3/4	4,542.96	3/4	4,184.79	3/4	3,826.61	3/4	3,468.44	3/4	3,110.26	3/4	2,752.08
7	7	7	7	7	7	7	4,893.67	7	4,535.50	7	4,177.32	7	3,819.14	7	3,460.97	7	3,102.79	7	2,744.62
1/4		1/4		1/4		1/4	4,886.21	1/4	4,528.04	1/4	4,169.86	1/4	3,811.68	1/4	3,453.51	1/4	3,095.33	1/4	2,737.16
1/2		1/2		1/2		1/2	4,878.75	1/2	4,520.58	1/2	4,162.40	1/2	3,804.22	1/2	3,446.05	1/2	3,087.87	1/2	2,729.70
3/4		3/4		3/4		3/4	4,871.29	3/4	4,513.12	3/4	4,154.94	3/4	3,796.76	3/4	3,438.59	3/4	3,080.41	3/4	2,722.24
8	8	8	8	8	8	8	4,863.82	8	4,505.65	8	4,147.47	8	3,789.30	8	3,431.12	8	3,072.94	8	2,714.77
1/4		1/4		1/4		1/4	4,856.36	1/4	4,498.19	1/4	4,140.01	1/4	3,781.84	1/4	3,423.66	1/4	3,065.48	1/4	2,707.31
1/2		1/2		1/2		1/2	4,848.90	1/2	4,490.73	1/2	4,132.55	1/2	3,774.38	1/2	3,416.20	1/2	3,058.02	1/2	2,699.85
3/4		3/4		3/4		3/4	4,841.44	3/4	4,483.27	3/4	4,125.09	3/4	3,766.92	3/4	3,408.74	3/4	3,050.56	3/4	2,692.39
9	9	9	9	9	9	9	5,093.74	9	4,833.98	9	4,475.80	9	4,117.62	9	3,759.45	9	3,401.27	9	3,043.10
1/4		1/4		1/4		1/4	5,093.32	1/4	4,826.52	1/4	4,468.34	1/4	4,110.16	1/4	3,751.99	1/4	3,393.81	1/4	3,035.64
1/2		1/2		1/2		1/2	5,092.41	1/2	4,819.06	1/2	4,460.88	1/2	4,102.70	1/2	3,744.53	1/2	3,386.35	1/2	3,028.18
3/4		3/4		3/4		3/4	5,091.49	3/4	4,811.60	3/4	4,453.42	3/4	4,095.24	3/4	3,737.07	3/4	3,378.89	3/4	3,020.72
10	10	10	10	10	10	10	5,090.58	10	4,804.13	10	4,445.95	10	4,087.78	10	3,729.60	10	3,371.42	10	3,013.25
1/4		1/4		1/4		1/4	5,089.66	1/4	4,796.67	1/4	4,438.49	1/4	4,080.32	1/4	3,722.14	1/4	3,363.96	1/4	3,005.79
1/2		1/2		1/2		1/2	5,087.68	1/2	4,789.21	1/2	4,431.03	1/2	4,072.86	1/2	3,714.68	1/2	3,356.50	1/2	2,998.33
3/4		3/4		3/4		3/4	5,085.71	3/4	4,781.75	3/4	4,423.57	3/4	4,065.40	3/4	3,707.22	3/4	3,349.04	3/4	2,990.87
11	11	11	11	11	11	11	5,083.73	11	4,774.28	11	4,416.10	11	4,057.93	11	3,699.75	11	3,341.58	11	2,983.40
1/4		1/4		1/4		1/4	5,081.75	1/4	4,766.82	1/4	4,408.64	1/4	4,050.47	1/4	3,692.29	1/4	3,334.12	1/4	2,975.94
1/2		1/2		1/2		1/2	5,078.64	1/2	4,759.36	1/2	4,401.18	1/2	4,043.01	1/2	3,684.83	1/2	3,326.66	1/2	2,968.48
3/4		3/4		3/4		3/4	5,075.53	3/4	4,751.90	3/4	4,393.72	3/4	4,035.55	3/4	3,677.37	3/4	3,319.20	3/4	2,961.02

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" GAUGING DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED 12'-08" OFF CENTERLINE AND 46'-04" FORWARD OF AFT BULKHEAD

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



# BARGE "MMI 3059"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,595.38	0	2,237.20	0	1,879.02	0	1,520.85	0	1,162.67	0	804.50	0	445.47	0	105.67	0		0	
1/4	2,587.92	1/4	2,229.74	1/4	1,871.56	1/4	1,513.39	1/4	1,155.21	1/4	797.04	1/4	437.95	1/4	99.14	1/4		1/4	
1/2	2,580.46	1/2	2,222.28	1/2	1,864.10	1/2	1,505.93	1/2	1,147.75	1/2	789.58	1/2	430.50	1/2	92.68	1/2		1/2	
3/4	2,573.00	3/4	2,214.82	3/4	1,856.64	3/4	1,498.47	3/4	1,140.29	3/4	782.12	3/4	423.05	3/4	86.22	3/4		3/4	
1	2,565.53	1	2,207.35	1	1,849.18	1	1,491.00	1	1,132.82	1	774.65	1	415.59	1	79.75	1		1	
1/4	2,558.07	1/4	2,199.89	1/4	1,841.72	1/4	1,483.54	1/4	1,125.36	1/4	767.19	1/4	408.14	1/4	73.29	1/4		1/4	
1/2	2,550.61	1/2	2,192.43	1/2	1,834.26	1/2	1,476.08	1/2	1,117.90	1/2	759.73	1/2	400.75	1/2	66.89	1/2		1/2	
3/4	2,543.15	3/4	2,184.97	3/4	1,826.80	3/4	1,468.62	3/4	1,110.44	3/4	752.27	3/4	393.36	3/4	60.49	3/4		3/4	
2	2,535.68	2	2,177.50	2	1,819.33	2	1,461.15	2	1,102.98	2	744.80	2	385.97	2	54.08	2		2	
1/4	2,528.22	1/4	2,170.04	1/4	1,811.87	1/4	1,453.69	1/4	1,095.52	1/4	737.34	1/4	378.58	1/4	47.68	1/4		1/4	
1/2	2,520.76	1/2	2,162.58	1/2	1,804.41	1/2	1,446.23	1/2	1,088.06	1/2	729.88	1/2	371.25	1/2	42.42	1/2		1/2	
3/4	2,513.30	3/4	2,155.12	3/4	1,796.95	3/4	1,438.77	3/4	1,080.60	3/4	722.42	3/4	363.93	3/4	37.16	3/4		3/4	
3	2,505.83	3	2,147.66	3	1,789.48	3	1,431.30	3	1,073.13	3	714.95	3	356.60	3	31.90	3		3	
1/4	2,498.37	1/4	2,140.20	1/4	1,782.02	1/4	1,423.84	1/4	1,065.67	1/4	707.49	1/4	349.27	1/4		1/4		1/4	
1/2	2,490.91	1/2	2,132.74	1/2	1,774.56	1/2	1,416.38	1/2	1,058.21	1/2	700.03	1/2	342.01	1/2		1/2		1/2	
3/4	2,483.45	3/4	2,125.28	3/4	1,767.10	3/4	1,408.92	3/4	1,050.75	3/4	692.57	3/4	334.74	3/4		3/4		3/4	
4	2,475.98	4	2,117.81	4	1,759.63	4	1,401.46	4	1,043.28	4	685.10	4	327.48	4		4		4	
1/4	2,468.52	1/4	2,110.35	1/4	1,752.17	1/4	1,394.00	1/4	1,035.82	1/4	677.64	1/4	320.21	1/4		1/4		1/4	
1/2	2,461.06	1/2	2,102.89	1/2	1,744.71	1/2	1,386.54	1/2	1,028.36	1/2	670.18	1/2	313.01	1/2		1/2		1/2	
3/4	2,453.60	3/4	2,095.43	3/4	1,737.25	3/4	1,379.08	3/4	1,020.90	3/4	662.72	3/4	305.80	3/4		3/4		3/4	
5	2,446.14	5	2,087.96	5	1,729.78	5	1,371.61	5	1,013.43	5	655.26	5	298.60	5		5		5	
1/4	2,438.68	1/4	2,080.50	1/4	1,722.32	1/4	1,364.15	1/4	1,005.97	1/4	647.80	1/4	291.39	1/4		1/4		1/4	
1/2	2,431.22	1/2	2,073.04	1/2	1,714.86	1/2	1,356.69	1/2	998.51	1/2	640.34	1/2	284.25	1/2		1/2		1/2	
3/4	2,423.76	3/4	2,065.58	3/4	1,707.40	3/4	1,349.23	3/4	991.05	3/4	632.88	3/4	277.11	3/4		3/4		3/4	
6	2,416.29	6	2,058.11	6	1,699.94	6	1,341.76	6	983.58	6	625.41	6	269.97	6		6		6	
1/4	2,408.83	1/4	2,050.65	1/4	1,692.48	1/4	1,334.30	1/4	976.12	1/4	617.95	1/4	262.83	1/4		1/4		1/4	
1/2	2,401.37	1/2	2,043.19	1/2	1,685.02	1/2	1,326.84	1/2	968.66	1/2	610.49	1/2	255.76	1/2		1/2		1/2	
3/4	2,393.91	3/4	2,035.73	3/4	1,677.56	3/4	1,319.38	3/4	961.20	3/4	603.03	3/4	248.68	3/4		3/4		3/4	
7	2,386.44	7	2,028.26	7	1,670.09	7	1,311.91	7	953.74	7	595.56	7	241.61	7		7		7	
1/4	2,378.98	1/4	2,020.80	1/4	1,662.63	1/4	1,304.45	1/4	946.28	1/4	588.10	1/4	234.53	1/4		1/4		1/4	
1/2	2,371.52	1/2	2,013.34	1/2	1,655.17	1/2	1,296.99	1/2	938.82	1/2	580.64	1/2	227.52	1/2		1/2		1/2	
3/4	2,364.06	3/4	2,005.88	3/4	1,647.71	3/4	1,289.53	3/4	931.36	3/4	573.18	3/4	220.50	3/4		3/4		3/4	
8	2,356.59	8	1,998.42	8	1,640.24	8	1,282.06	8	923.89	8	565.71	8	213.49	8		8		8	
1/4	2,349.13	1/4	1,990.96	1/4	1,632.78	1/4	1,274.60	1/4	916.43	1/4	558.25	1/4	206.47	1/4		1/4		1/4	
1/2	2,341.67	1/2	1,983.50	1/2	1,625.32	1/2	1,267.14	1/2	908.97	1/2	550.79	1/2	199.52	1/2		1/2		1/2	
3/4	2,334.21	3/4	1,976.04	3/4	1,617.86	3/4	1,259.68	3/4	901.51	3/4	543.33	3/4	192.57	3/4		3/4		3/4	
9	2,326.74	9	1,968.57	9	1,610.39	9	1,252.22	9	894.04	9	535.86	9	185.61	9		9		9	
1/4	2,319.28	1/4	1,961.11	1/4	1,602.93	1/4	1,244.76	1/4	886.58	1/4	528.40	1/4	178.66	1/4		1/4		1/4	
1/2	2,311.82	1/2	1,953.65	1/2	1,595.47	1/2	1,237.30	1/2	879.12	1/2	520.88	1/2	171.89	1/2		1/2		1/2	
3/4	2,304.36	3/4	1,946.19	3/4	1,588.01	3/4	1,229.84	3/4	871.66	3/4	513.36	3/4	165.13	3/4		3/4		3/4	
10	2,296.90	10	1,938.72	10	1,580.54	10	1,222.37	10	864.19	10	505.84	10	158.36	10		10		10	
1/4	2,289.44	1/4	1,931.26	1/4	1,573.08	1/4	1,214.91	1/4	856.73	1/4	498.32	1/4	151.59	1/4		1/4		1/4	
1/2	2,281.98	1/2	1,923.80	1/2	1,565.62	1/2	1,207.45	1/2	849.27	1/2	490.74	1/2	145.00	1/2		1/2		1/2	
3/4	2,274.52	3/4	1,916.34	3/4	1,558.16	3/4	1,199.99	3/4	841.81	3/4	483.17	3/4	138.42	3/4		3/4		3/4	
11	2,267.05	11	1,908.87	11	1,550.70	11	1,192.52	11	834.34	11	475.59	11	131.83	11		11		11	
1/4	2,259.59	1/4	1,901.41	1/4	1,543.24	1/4	1,185.06	1/4	826.88	1/4	468.01	1/4	125.24	1/4		1/4		1/4	
1/2	2,252.13	1/2	1,893.95	1/2	1,535.78	1/2	1,177.60	1/2	819.42	1/2	460.50	1/2	118.72	1/2		1/2		1/2	
3/4	2,244.67	3/4	1,886.49	3/4	1,528.32	3/4	1,170.14	3/4	811.96	3/4	452.98	3/4	112.19	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2007 INS  
RECALCULATED: 01/17/2020 CL  
REPRINTED: 01/17/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "MMI 3059"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	5,126.06	0	4,817.84	0	4,461.22	0	4,098.92	0	3,736.62	0	3,374.31	0	3,012.01
1/4		1/4		1/4		1/4	5,123.13	1/4	4,810.70	1/4	4,453.67	1/4	4,091.37	1/4	3,729.07	1/4	3,366.76	1/4	3,004.46
1/2		1/2		1/2		1/2	5,120.20	1/2	4,803.56	1/2	4,446.12	1/2	4,083.82	1/2	3,721.52	1/2	3,359.21	1/2	2,996.91
3/4		3/4		3/4		3/4	5,116.21	3/4	4,796.42	3/4	4,438.57	3/4	4,076.27	3/4	3,713.97	3/4	3,351.66	3/4	2,989.36
1	1	1	1	1	1	1	5,112.22	1	4,789.28	1	4,431.03	1	4,068.73	1	3,706.42	1	3,344.12	1	2,981.82
1/4		1/4		1/4		1/4	5,108.22	1/4	4,782.13	1/4	4,423.48	1/4	4,061.18	1/4	3,698.87	1/4	3,336.57	1/4	2,974.27
1/2		1/2		1/2		1/2	5,104.23	1/2	4,774.99	1/2	4,415.93	1/2	4,053.63	1/2	3,691.32	1/2	3,329.02	1/2	2,966.72
3/4		3/4		3/4		3/4	5,099.17	3/4	4,767.85	3/4	4,408.38	3/4	4,046.08	3/4	3,683.77	3/4	3,321.47	3/4	2,959.17
2	2	2	2	2	2	2	5,094.11	2	4,760.71	2	4,400.84	2	4,038.54	2	3,676.23	2	3,313.93	2	2,951.62
1/4		1/4		1/4		1/4	5,089.05	1/4	4,753.56	1/4	4,393.29	1/4	4,030.99	1/4	3,668.68	1/4	3,306.38	1/4	2,944.07
1/2		1/2		1/2		1/2	5,083.99	1/2	4,746.42	1/2	4,385.74	1/2	4,023.44	1/2	3,661.13	1/2	3,298.83	1/2	2,936.52
3/4		3/4		3/4		3/4	5,077.89	3/4	4,739.28	3/4	4,378.19	3/4	4,015.89	3/4	3,653.58	3/4	3,291.28	3/4	2,928.97
3	3	3	3	3	3	3	5,071.80	3	4,732.14	3	4,370.65	3	4,008.34	3	3,646.04	3	3,283.74	3	2,921.43
1/4		1/4		1/4		1/4	5,065.70	1/4	4,724.99	1/4	4,363.10	1/4	4,000.79	1/4	3,638.49	1/4	3,276.19	1/4	2,913.88
1/2		1/2		1/2		1/2	5,059.60	1/2	4,717.85	1/2	4,355.55	1/2	3,993.24	1/2	3,630.94	1/2	3,268.64	1/2	2,906.33
3/4		3/4		3/4		3/4	5,052.73	3/4	4,710.30	3/4	4,348.00	3/4	3,985.69	3/4	3,623.39	3/4	3,261.09	3/4	2,898.78
4	4	4	4	4	4	4	5,045.85	4	4,702.76	4	4,340.46	4	3,978.15	4	3,615.85	4	3,253.54	4	2,891.24
1/4		1/4		1/4		1/4	5,038.98	1/4	4,695.21	1/4	4,332.91	1/4	3,970.60	1/4	3,608.30	1/4	3,245.99	1/4	2,883.69
1/2		1/2		1/2		1/2	5,032.10	1/2	4,687.66	1/2	4,325.36	1/2	3,963.05	1/2	3,600.75	1/2	3,238.44	1/2	2,876.14
3/4		3/4		3/4		3/4	5,024.96	3/4	4,680.11	3/4	4,317.81	3/4	3,955.50	3/4	3,593.20	3/4	3,230.89	3/4	2,868.59
5	5	5	5	5	5	5	5,017.82	5	4,672.57	5	4,310.26	5	3,947.96	5	3,585.66	5	3,223.35	5	2,861.05
1/4		1/4		1/4		1/4	5,010.67	1/4	4,665.02	1/4	4,302.71	1/4	3,940.41	1/4	3,578.11	1/4	3,215.80	1/4	2,853.50
1/2		1/2		1/2		1/2	5,003.53	1/2	4,657.47	1/2	4,295.16	1/2	3,932.86	1/2	3,570.56	1/2	3,208.25	1/2	2,845.95
3/4		3/4		3/4		3/4	4,996.39	3/4	4,649.92	3/4	4,287.61	3/4	3,925.31	3/4	3,563.01	3/4	3,200.70	3/4	2,838.40
6	6	6	6	6	6	6	4,989.25	6	4,642.38	6	4,280.07	6	3,917.77	6	3,555.46	6	3,193.16	6	2,830.86
1/4		1/4		1/4		1/4	4,982.10	1/4	4,634.83	1/4	4,272.52	1/4	3,910.22	1/4	3,547.91	1/4	3,185.61	1/4	2,823.31
1/2		1/2		1/2		1/2	4,974.96	1/2	4,627.28	1/2	4,264.97	1/2	3,902.67	1/2	3,540.36	1/2	3,178.06	1/2	2,815.76
3/4		3/4		3/4		3/4	4,967.82	3/4	4,619.73	3/4	4,257.42	3/4	3,895.12	3/4	3,532.81	3/4	3,170.51	3/4	2,808.21
7	7	7	7	7	7	7	4,960.68	7	4,612.18	7	4,249.88	7	3,887.58	7	3,525.27	7	3,162.97	7	2,800.66
1/4		1/4		1/4		1/4	4,953.54	1/4	4,604.63	1/4	4,242.33	1/4	3,880.03	1/4	3,517.72	1/4	3,155.42	1/4	2,793.11
1/2		1/2		1/2		1/2	4,946.40	1/2	4,597.08	1/2	4,234.78	1/2	3,872.48	1/2	3,510.17	1/2	3,147.87	1/2	2,785.56
3/4		3/4		3/4		3/4	4,939.26	3/4	4,589.53	3/4	4,227.23	3/4	3,864.93	3/4	3,502.62	3/4	3,140.32	3/4	2,778.01
8	8	8	8	8	8	8	4,932.12	8	4,581.99	8	4,219.69	8	3,857.38	8	3,495.08	8	3,132.78	8	2,770.46
1/4		1/4		1/4		1/4	4,924.97	1/4	4,574.44	1/4	4,212.14	1/4	3,849.83	1/4	3,487.53	1/4	3,125.23	1/4	2,762.92
1/2		1/2		1/2		1/2	4,917.83	1/2	4,566.89	1/2	4,204.59	1/2	3,842.28	1/2	3,479.98	1/2	3,117.68	1/2	2,755.37
3/4		3/4		3/4		3/4	4,910.69	3/4	4,559.34	3/4	4,197.04	3/4	3,834.73	3/4	3,472.43	3/4	3,110.13	3/4	2,747.82
9	9	9	9	9	9	9	4,903.55	9	4,551.80	9	4,189.50	9	3,827.19	9	3,464.89	9	3,102.58	9	2,740.27
1/4		1/4		1/4		1/4	5,143.20	1/4	4,896.40	1/4	4,544.25	1/4	4,181.95	1/4	3,457.34	1/4	3,095.03	1/4	2,732.73
1/2		1/2		1/2		1/2	5,142.80	1/2	4,889.26	1/2	4,536.70	1/2	4,174.40	1/2	3,449.79	1/2	3,087.48	1/2	2,725.18
3/4		3/4		3/4		3/4	5,141.94	3/4	4,882.12	3/4	4,529.15	3/4	4,166.85	3/4	3,442.24	3/4	3,079.93	3/4	2,717.63
10	10	10	10	10	10	10	5,141.08	10	4,874.98	10	4,521.61	10	4,159.30	10	3,434.70	10	3,072.39	10	2,710.08
1/4		1/4		1/4		1/4	5,140.21	1/4	4,867.83	1/4	4,514.06	1/4	4,151.75	1/4	3,427.15	1/4	3,064.84	1/4	2,702.54
1/2		1/2		1/2		1/2	5,139.35	1/2	4,860.69	1/2	4,506.51	1/2	4,144.20	1/2	3,419.60	1/2	3,057.29	1/2	2,694.99
3/4		3/4		3/4		3/4	5,137.49	3/4	4,853.55	3/4	4,498.96	3/4	4,136.65	3/4	3,412.05	3/4	3,049.74	3/4	2,687.44
11	11	11	11	11	11	11	5,135.63	11	4,846.41	11	4,491.42	11	4,129.11	11	3,404.50	11	3,042.20	11	2,679.89
1/4		1/4		1/4		1/4	5,133.77	1/4	4,839.26	1/4	4,483.87	1/4	4,121.56	1/4	3,396.95	1/4	3,034.65	1/4	2,672.35
1/2		1/2		1/2		1/2	5,131.91	1/2	4,832.12	1/2	4,476.32	1/2	4,114.01	1/2	3,389.40	1/2	3,027.10	1/2	2,664.80
3/4		3/4		3/4		3/4	5,128.98	3/4	4,824.98	3/4	4,468.77	3/4	4,106.46	3/4	3,381.85	3/4	3,019.55	3/4	2,657.25

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" GAUGING DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED 12'-08" OFF CENTERLINE AND 46'-02" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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





# BARGE "MMI 3059"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,649.70	0	2,287.39	0	1,925.09	0	1,562.78	0	1,200.48	0	838.18	0	475.87	0	118.48	0		0	
1/4	2,642.15	1/4	2,279.85	1/4	1,917.55	1/4	1,555.24	1/4	1,192.94	1/4	830.63	1/4	468.33	1/4	111.55	1/4		1/4	
1/2	2,634.60	1/2	2,272.30	1/2	1,910.00	1/2	1,547.69	1/2	1,185.39	1/2	823.08	1/2	460.78	1/2	104.62	1/2		1/2	
3/4	2,627.05	3/4	2,264.75	3/4	1,902.45	3/4	1,540.14	3/4	1,177.84	3/4	815.53	3/4	453.23	3/4	97.68	3/4		3/4	
1	2,619.50	1	2,257.20	1	1,894.90	1	1,532.59	1	1,170.29	1	807.98	1	445.68	1	90.75	1		1	
1/4	2,611.96	1/4	2,249.66	1/4	1,887.35	1/4	1,525.05	1/4	1,162.75	1/4	800.44	1/4	438.14	1/4	83.81	1/4		1/4	
1/2	2,604.41	1/2	2,242.11	1/2	1,879.80	1/2	1,517.50	1/2	1,155.20	1/2	792.89	1/2	430.59	1/2	76.88	1/2		1/2	
3/4	2,596.86	3/4	2,234.56	3/4	1,872.25	3/4	1,509.95	3/4	1,147.65	3/4	785.34	3/4	423.04	3/4	69.94	3/4		3/4	
2	2,589.31	2	2,227.01	2	1,864.70	2	1,502.40	2	1,140.10	2	777.79	2	415.49	2	63.01	2		2	
1/4	2,581.77	1/4	2,219.47	1/4	1,857.16	1/4	1,494.86	1/4	1,132.55	1/4	770.25	1/4	407.95	1/4	56.07	1/4		1/4	
1/2	2,574.22	1/2	2,211.92	1/2	1,849.61	1/2	1,487.31	1/2	1,125.00	1/2	762.70	1/2	400.40	1/2	49.14	1/2		1/2	
3/4	2,566.67	3/4	2,204.37	3/4	1,842.06	3/4	1,479.76	3/4	1,117.45	3/4	755.15	3/4	392.85	3/4	43.47	3/4		3/4	
3	2,559.12	3	2,196.82	3	1,834.51	3	1,472.21	3	1,109.90	3	747.60	3	385.30	3	37.81	3		3	
1/4	2,551.58	1/4	2,189.27	1/4	1,826.97	1/4	1,464.67	1/4	1,102.36	1/4	740.06	1/4	377.75	1/4	32.14	1/4		1/4	
1/2	2,544.03	1/2	2,181.72	1/2	1,819.42	1/2	1,457.12	1/2	1,094.81	1/2	732.51	1/2	370.20	1/2		1/2		1/2	
3/4	2,536.48	3/4	2,174.17	3/4	1,811.87	3/4	1,449.57	3/4	1,087.26	3/4	724.96	3/4	362.65	3/4		3/4		3/4	
4	2,528.93	4	2,166.62	4	1,804.32	4	1,442.02	4	1,079.71	4	717.41	4	355.10	4	4	4		4	
1/4	2,521.39	1/4	2,159.08	1/4	1,796.78	1/4	1,434.47	1/4	1,072.17	1/4	709.87	1/4	347.56	1/4		1/4		1/4	
1/2	2,513.84	1/2	2,151.53	1/2	1,789.23	1/2	1,426.92	1/2	1,064.62	1/2	702.32	1/2	340.01	1/2		1/2		1/2	
3/4	2,506.29	3/4	2,143.98	3/4	1,781.68	3/4	1,419.37	3/4	1,057.07	3/4	694.77	3/4	332.46	3/4		3/4		3/4	
5	2,498.74	5	2,136.43	5	1,774.13	5	1,411.82	5	1,049.52	5	687.22	5	324.91	5		5		5	
1/4	2,491.19	1/4	2,128.89	1/4	1,766.59	1/4	1,404.28	1/4	1,041.98	1/4	679.67	1/4	317.37	1/4		1/4		1/4	
1/2	2,483.64	1/2	2,121.34	1/2	1,759.04	1/2	1,396.73	1/2	1,034.43	1/2	672.12	1/2	309.82	1/2		1/2		1/2	
3/4	2,476.09	3/4	2,113.79	3/4	1,751.49	3/4	1,389.18	3/4	1,026.88	3/4	664.57	3/4	302.27	3/4		3/4		3/4	
6	2,468.54	6	2,106.24	6	1,743.94	6	1,381.63	6	1,019.33	6	657.02	6	294.72	6	6	6		6	
1/4	2,461.00	1/4	2,098.70	1/4	1,736.39	1/4	1,374.09	1/4	1,011.79	1/4	649.48	1/4	287.18	1/4		1/4		1/4	
1/2	2,453.45	1/2	2,091.15	1/2	1,728.84	1/2	1,366.54	1/2	1,004.24	1/2	641.93	1/2	279.63	1/2		1/2		1/2	
3/4	2,445.90	3/4	2,083.60	3/4	1,721.29	3/4	1,358.99	3/4	996.69	3/4	634.38	3/4	272.08	3/4		3/4		3/4	
7	2,438.35	7	2,076.05	7	1,713.74	7	1,351.44	7	989.14	7	626.83	7	264.53	7	7	7		7	
1/4	2,430.81	1/4	2,068.51	1/4	1,706.20	1/4	1,343.90	1/4	981.59	1/4	619.29	1/4	256.99	1/4		1/4		1/4	
1/2	2,423.26	1/2	2,060.96	1/2	1,698.65	1/2	1,336.35	1/2	974.04	1/2	611.74	1/2	249.44	1/2		1/2		1/2	
3/4	2,415.71	3/4	2,053.41	3/4	1,691.10	3/4	1,328.80	3/4	966.49	3/4	604.19	3/4	241.89	3/4		3/4		3/4	
8	2,408.16	8	2,045.86	8	1,683.55	8	1,321.25	8	958.94	8	596.64	8	234.34	8	8	8		8	
1/4	2,400.62	1/4	2,038.31	1/4	1,676.01	1/4	1,313.71	1/4	951.40	1/4	589.10	1/4	226.79	1/4		1/4		1/4	
1/2	2,393.07	1/2	2,030.76	1/2	1,668.46	1/2	1,306.16	1/2	943.85	1/2	581.55	1/2	219.24	1/2		1/2		1/2	
3/4	2,385.52	3/4	2,023.21	3/4	1,660.91	3/4	1,298.61	3/4	936.30	3/4	574.00	3/4	211.69	3/4		3/4		3/4	
9	2,377.97	9	2,015.66	9	1,653.36	9	1,291.06	9	928.75	9	566.45	9	204.14	9	9	9		9	
1/4	2,370.43	1/4	2,008.12	1/4	1,645.82	1/4	1,283.51	1/4	921.21	1/4	558.91	1/4	196.60	1/4		1/4		1/4	
1/2	2,362.88	1/2	2,000.57	1/2	1,638.27	1/2	1,275.96	1/2	913.66	1/2	551.36	1/2	189.05	1/2		1/2		1/2	
3/4	2,355.33	3/4	1,993.02	3/4	1,630.72	3/4	1,268.41	3/4	906.11	3/4	543.81	3/4	181.81	3/4		3/4		3/4	
10	2,347.78	10	1,985.47	10	1,623.17	10	1,260.86	10	898.56	10	536.26	10	174.57	10	10	10		10	
1/4	2,340.23	1/4	1,977.93	1/4	1,615.63	1/4	1,253.32	1/4	891.02	1/4	528.71	1/4	167.33	1/4		1/4		1/4	
1/2	2,332.68	1/2	1,970.38	1/2	1,608.08	1/2	1,245.77	1/2	883.47	1/2	521.16	1/2	160.09	1/2		1/2		1/2	
3/4	2,325.13	3/4	1,962.83	3/4	1,600.53	3/4	1,238.22	3/4	875.92	3/4	513.61	3/4	153.15	3/4		3/4		3/4	
11	2,317.58	11	1,955.28	11	1,592.98	11	1,230.67	11	868.37	11	506.06	11	146.22	11	11	11		11	
1/4	2,310.04	1/4	1,947.74	1/4	1,585.43	1/4	1,223.13	1/4	860.83	1/4	498.52	1/4	139.28	1/4		1/4		1/4	
1/2	2,302.49	1/2	1,940.19	1/2	1,577.88	1/2	1,215.58	1/2	853.28	1/2	490.97	1/2	132.35	1/2		1/2		1/2	
3/4	2,294.94	3/4	1,932.64	3/4	1,570.33	3/4	1,208.03	3/4	845.73	3/4	483.42	3/4	125.42	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2007 INS  
RECALCULATED: 01/17/2020 CL  
REPRINTED: 01/17/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "MMI 3059"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0	0	0	0	0	0	0	5,126.06	0	4,817.84	0	4,461.22	0	4,098.92	0	3,736.62	0	3,374.31	0	3,012.01		
1/4		1/4		1/4		1/4	5,123.13	1/4	4,810.70	1/4	4,453.67	1/4	4,091.37	1/4	3,729.07	1/4	3,366.76	1/4	3,004.46		
1/2		1/2		1/2		1/2	5,120.20	1/2	4,803.56	1/2	4,446.12	1/2	4,083.82	1/2	3,721.52	1/2	3,359.21	1/2	2,996.91		
3/4		3/4		3/4		3/4	5,116.21	3/4	4,796.42	3/4	4,438.57	3/4	4,076.27	3/4	3,713.97	3/4	3,351.66	3/4	2,989.36		
1	1	1	1	1	1	1	5,112.22	1	4,789.28	1	4,431.03	1	4,068.73	1	3,706.42	1	3,344.12	1	2,981.82		
1/4		1/4		1/4		1/4	5,108.22	1/4	4,782.13	1/4	4,423.48	1/4	4,061.18	1/4	3,698.87	1/4	3,336.57	1/4	2,974.27		
1/2		1/2		1/2		1/2	5,104.23	1/2	4,774.99	1/2	4,415.93	1/2	4,053.63	1/2	3,691.32	1/2	3,329.02	1/2	2,966.72		
3/4		3/4		3/4		3/4	5,099.17	3/4	4,767.85	3/4	4,408.38	3/4	4,046.08	3/4	3,683.77	3/4	3,321.47	3/4	2,959.17		
2	2	2	2	2	2	2	5,094.11	2	4,760.71	2	4,400.84	2	4,038.54	2	3,676.23	2	3,313.93	2	2,951.62		
1/4		1/4		1/4		1/4	5,089.05	1/4	4,753.56	1/4	4,393.29	1/4	4,030.99	1/4	3,668.68	1/4	3,306.38	1/4	2,944.07		
1/2		1/2		1/2		1/2	5,083.99	1/2	4,746.42	1/2	4,385.74	1/2	4,023.44	1/2	3,661.13	1/2	3,298.83	1/2	2,936.52		
3/4		3/4		3/4		3/4	5,077.89	3/4	4,739.28	3/4	4,378.19	3/4	4,015.89	3/4	3,653.58	3/4	3,291.28	3/4	2,928.97		
3	3	3	3	3	3	3	5,071.80	3	4,732.14	3	4,370.65	3	4,008.34	3	3,646.04	3	3,283.74	3	2,921.43		
1/4		1/4		1/4		1/4	5,065.70	1/4	4,724.99	1/4	4,363.10	1/4	4,000.79	1/4	3,638.49	1/4	3,276.19	1/4	2,913.88		
1/2		1/2		1/2		1/2	5,059.60	1/2	4,717.85	1/2	4,355.55	1/2	3,993.24	1/2	3,630.94	1/2	3,268.64	1/2	2,906.33		
3/4		3/4		3/4		3/4	5,052.73	3/4	4,710.30	3/4	4,348.00	3/4	3,985.69	3/4	3,623.39	3/4	3,261.09	3/4	2,898.78		
4	4	4	4	4	4	4	5,045.85	4	4,702.76	4	4,340.46	4	3,978.15	4	3,615.85	4	3,253.54	4	2,891.24		
1/4		1/4		1/4		1/4	5,038.98	1/4	4,695.21	1/4	4,332.91	1/4	3,970.60	1/4	3,608.30	1/4	3,245.99	1/4	2,883.69		
1/2		1/2		1/2		1/2	5,032.10	1/2	4,687.66	1/2	4,325.36	1/2	3,963.05	1/2	3,600.75	1/2	3,238.44	1/2	2,876.14		
3/4		3/4		3/4		3/4	5,024.96	3/4	4,680.11	3/4	4,317.81	3/4	3,955.50	3/4	3,593.20	3/4	3,230.89	3/4	2,868.59		
5	5	5	5	5	5	5	5,017.82	5	4,672.57	5	4,310.26	5	3,947.96	5	3,585.66	5	3,223.35	5	2,861.05		
1/4		1/4		1/4		1/4	5,010.67	1/4	4,665.02	1/4	4,302.71	1/4	3,940.41	1/4	3,578.11	1/4	3,215.80	1/4	2,853.50		
1/2		1/2		1/2		1/2	5,003.53	1/2	4,657.47	1/2	4,295.16	1/2	3,932.86	1/2	3,570.56	1/2	3,208.25	1/2	2,845.95		
3/4		3/4		3/4		3/4	4,996.39	3/4	4,649.92	3/4	4,287.61	3/4	3,925.31	3/4	3,563.01	3/4	3,200.70	3/4	2,838.40		
6	6	6	6	6	6	6	4,989.25	6	4,642.38	6	4,280.07	6	3,917.77	6	3,555.46	6	3,193.16	6	2,830.86		
1/4		1/4		1/4		1/4	4,982.10	1/4	4,634.83	1/4	4,272.52	1/4	3,910.22	1/4	3,547.91	1/4	3,185.61	1/4	2,823.31		
1/2		1/2		1/2		1/2	4,974.96	1/2	4,627.28	1/2	4,264.97	1/2	3,902.67	1/2	3,540.36	1/2	3,178.06	1/2	2,815.76		
3/4		3/4		3/4		3/4	4,967.82	3/4	4,619.73	3/4	4,257.42	3/4	3,895.12	3/4	3,532.81	3/4	3,170.51	3/4	2,808.21		
7	7	7	7	7	7	7	4,960.68	7	4,612.18	7	4,249.88	7	3,887.58	7	3,525.27	7	3,162.97	7	2,800.66		
1/4		1/4		1/4		1/4	4,953.54	1/4	4,604.63	1/4	4,242.33	1/4	3,880.03	1/4	3,517.72	1/4	3,155.42	1/4	2,793.11		
1/2		1/2		1/2		1/2	4,946.40	1/2	4,597.08	1/2	4,234.78	1/2	3,872.48	1/2	3,510.17	1/2	3,147.87	1/2	2,785.56		
3/4		3/4		3/4		3/4	4,939.26	3/4	4,589.53	3/4	4,227.23	3/4	3,864.93	3/4	3,502.62	3/4	3,140.32	3/4	2,778.01		
8	8	8	8	8	8	8	4,932.12	8	4,581.99	8	4,219.69	8	3,857.38	8	3,495.08	8	3,132.78	8	2,770.46		
1/4		1/4		1/4		1/4	4,924.97	1/4	4,574.44	1/4	4,212.14	1/4	3,849.83	1/4	3,487.53	1/4	3,125.23	1/4	2,762.92		
1/2		1/2		1/2		1/2	4,917.83	1/2	4,566.89	1/2	4,204.59	1/2	3,842.28	1/2	3,479.98	1/2	3,117.68	1/2	2,755.37		
3/4		3/4		3/4		3/4	4,910.69	3/4	4,559.34	3/4	4,197.04	3/4	3,834.73	3/4	3,472.43	3/4	3,110.13	3/4	2,747.82		
9	9	9	9	9	9	9	4,903.55	9	4,551.80	9	4,189.50	9	3,827.19	9	3,464.89	9	3,102.58	9	2,740.27		
1/4		1/4		1/4		1/4	5,143.20	1/4	4,896.40	1/4	4,544.25	1/4	4,181.95	1/4	3,819.64	1/4	3,457.34	1/4	3,095.03	1/4	2,732.73
1/2		1/2		1/2		1/2	5,142.80	1/2	4,889.26	1/2	4,536.70	1/2	4,174.40	1/2	3,812.09	1/2	3,449.79	1/2	3,087.48	1/2	2,725.18
3/4		3/4		3/4		3/4	5,141.94	3/4	4,882.12	3/4	4,529.15	3/4	4,166.85	3/4	3,804.54	3/4	3,442.24	3/4	3,079.93	3/4	2,717.63
10	10	10	10	10	10	10	5,141.08	10	4,874.98	10	4,521.61	10	4,159.30	10	3,797.00	10	3,434.70	10	3,072.39	10	2,710.08
1/4		1/4		1/4		1/4	5,140.21	1/4	4,867.83	1/4	4,514.06	1/4	4,151.75	1/4	3,789.45	1/4	3,427.15	1/4	3,064.84	1/4	2,702.54
1/2		1/2		1/2		1/2	5,139.35	1/2	4,860.69	1/2	4,506.51	1/2	4,144.20	1/2	3,781.90	1/2	3,419.60	1/2	3,057.29	1/2	2,694.99
3/4		3/4		3/4		3/4	5,137.49	3/4	4,853.55	3/4	4,498.96	3/4	4,136.65	3/4	3,774.35	3/4	3,412.05	3/4	3,049.74	3/4	2,687.44
11	11	11	11	11	11	11	5,135.63	11	4,846.41	11	4,491.42	11	4,129.11	11	3,766.81	11	3,404.50	11	3,042.20	11	2,679.89
1/4		1/4		1/4		1/4	5,133.77	1/4	4,839.26	1/4	4,483.87	1/4	4,121.56	1/4	3,759.26	1/4	3,396.95	1/4	3,034.65	1/4	2,672.35
1/2		1/2		1/2		1/2	5,131.91	1/2	4,832.12	1/2	4,476.32	1/2	4,114.01	1/2	3,751.71	1/2	3,389.40	1/2	3,027.10	1/2	2,664.80
3/4		3/4		3/4		3/4	5,128.98	3/4	4,824.98	3/4	4,468.77	3/4	4,106.46	3/4	3,744.16	3/4	3,381.85	3/4	3,019.55	3/4	2,657.25

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" GAUGING DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED 12'-08" OFF CENTERLINE AND 46'-02" FORWARD OF AFT BULKHEAD

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





# BARGE "MMI 3059"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,649.70	0	2,287.39	0	1,925.09	0	1,562.78	0	1,200.48	0	838.18	0	475.87	0	118.48	0		0	
1/4	2,642.15	1/4	2,279.85	1/4	1,917.55	1/4	1,555.24	1/4	1,192.94	1/4	830.63	1/4	468.33	1/4	111.55	1/4		1/4	
1/2	2,634.60	1/2	2,272.30	1/2	1,910.00	1/2	1,547.69	1/2	1,185.39	1/2	823.08	1/2	460.78	1/2	104.62	1/2		1/2	
3/4	2,627.05	3/4	2,264.75	3/4	1,902.45	3/4	1,540.14	3/4	1,177.84	3/4	815.53	3/4	453.23	3/4	97.68	3/4		3/4	
1	2,619.50	1	2,257.20	1	1,894.90	1	1,532.59	1	1,170.29	1	807.98	1	445.68	1	90.75	1		1	
1/4	2,611.96	1/4	2,249.66	1/4	1,887.35	1/4	1,525.05	1/4	1,162.75	1/4	800.44	1/4	438.14	1/4	83.81	1/4		1/4	
1/2	2,604.41	1/2	2,242.11	1/2	1,879.80	1/2	1,517.50	1/2	1,155.20	1/2	792.89	1/2	430.59	1/2	76.88	1/2		1/2	
3/4	2,596.86	3/4	2,234.56	3/4	1,872.25	3/4	1,509.95	3/4	1,147.65	3/4	785.34	3/4	423.04	3/4	69.94	3/4		3/4	
2	2,589.31	2	2,227.01	2	1,864.70	2	1,502.40	2	1,140.10	2	777.79	2	415.49	2	63.01	2		2	
1/4	2,581.77	1/4	2,219.47	1/4	1,857.16	1/4	1,494.86	1/4	1,132.55	1/4	770.25	1/4	407.95	1/4	56.07	1/4		1/4	
1/2	2,574.22	1/2	2,211.92	1/2	1,849.61	1/2	1,487.31	1/2	1,125.00	1/2	762.70	1/2	400.40	1/2	49.14	1/2		1/2	
3/4	2,566.67	3/4	2,204.37	3/4	1,842.06	3/4	1,479.76	3/4	1,117.45	3/4	755.15	3/4	392.85	3/4	43.47	3/4		3/4	
3	2,559.12	3	2,196.82	3	1,834.51	3	1,472.21	3	1,109.90	3	747.60	3	385.30	3	37.81	3		3	
1/4	2,551.58	1/4	2,189.27	1/4	1,826.97	1/4	1,464.67	1/4	1,102.36	1/4	740.06	1/4	377.75	1/4	32.14	1/4		1/4	
1/2	2,544.03	1/2	2,181.72	1/2	1,819.42	1/2	1,457.12	1/2	1,094.81	1/2	732.51	1/2	370.20	1/2		1/2		1/2	
3/4	2,536.48	3/4	2,174.17	3/4	1,811.87	3/4	1,449.57	3/4	1,087.26	3/4	724.96	3/4	362.65	3/4		3/4		3/4	
4	2,528.93	4	2,166.62	4	1,804.32	4	1,442.02	4	1,079.71	4	717.41	4	355.10	4	4	4		4	
1/4	2,521.39	1/4	2,159.08	1/4	1,796.78	1/4	1,434.47	1/4	1,072.17	1/4	709.87	1/4	347.56	1/4		1/4		1/4	
1/2	2,513.84	1/2	2,151.53	1/2	1,789.23	1/2	1,426.92	1/2	1,064.62	1/2	702.32	1/2	340.01	1/2		1/2		1/2	
3/4	2,506.29	3/4	2,143.98	3/4	1,781.68	3/4	1,419.37	3/4	1,057.07	3/4	694.77	3/4	332.46	3/4		3/4		3/4	
5	2,498.74	5	2,136.43	5	1,774.13	5	1,411.82	5	1,049.52	5	687.22	5	324.91	5		5		5	
1/4	2,491.19	1/4	2,128.89	1/4	1,766.59	1/4	1,404.28	1/4	1,041.98	1/4	679.67	1/4	317.37	1/4		1/4		1/4	
1/2	2,483.64	1/2	2,121.34	1/2	1,759.04	1/2	1,396.73	1/2	1,034.43	1/2	672.12	1/2	309.82	1/2		1/2		1/2	
3/4	2,476.09	3/4	2,113.79	3/4	1,751.49	3/4	1,389.18	3/4	1,026.88	3/4	664.57	3/4	302.27	3/4		3/4		3/4	
6	2,468.54	6	2,106.24	6	1,743.94	6	1,381.63	6	1,019.33	6	657.02	6	294.72	6	6	6		6	
1/4	2,461.00	1/4	2,098.70	1/4	1,736.39	1/4	1,374.09	1/4	1,011.79	1/4	649.48	1/4	287.18	1/4		1/4		1/4	
1/2	2,453.45	1/2	2,091.15	1/2	1,728.84	1/2	1,366.54	1/2	1,004.24	1/2	641.93	1/2	279.63	1/2		1/2		1/2	
3/4	2,445.90	3/4	2,083.60	3/4	1,721.29	3/4	1,358.99	3/4	996.69	3/4	634.38	3/4	272.08	3/4		3/4		3/4	
7	2,438.35	7	2,076.05	7	1,713.74	7	1,351.44	7	989.14	7	626.83	7	264.53	7	7	7		7	
1/4	2,430.81	1/4	2,068.51	1/4	1,706.20	1/4	1,343.90	1/4	981.59	1/4	619.29	1/4	256.99	1/4		1/4		1/4	
1/2	2,423.26	1/2	2,060.96	1/2	1,698.65	1/2	1,336.35	1/2	974.04	1/2	611.74	1/2	249.44	1/2		1/2		1/2	
3/4	2,415.71	3/4	2,053.41	3/4	1,691.10	3/4	1,328.80	3/4	966.49	3/4	604.19	3/4	241.89	3/4		3/4		3/4	
8	2,408.16	8	2,045.86	8	1,683.55	8	1,321.25	8	958.94	8	596.64	8	234.34	8	8	8		8	
1/4	2,400.62	1/4	2,038.31	1/4	1,676.01	1/4	1,313.71	1/4	951.40	1/4	589.10	1/4	226.79	1/4		1/4		1/4	
1/2	2,393.07	1/2	2,030.76	1/2	1,668.46	1/2	1,306.16	1/2	943.85	1/2	581.55	1/2	219.24	1/2		1/2		1/2	
3/4	2,385.52	3/4	2,023.21	3/4	1,660.91	3/4	1,298.61	3/4	936.30	3/4	574.00	3/4	211.69	3/4		3/4		3/4	
9	2,377.97	9	2,015.66	9	1,653.36	9	1,291.06	9	928.75	9	566.45	9	204.14	9	9	9		9	
1/4	2,370.43	1/4	2,008.12	1/4	1,645.82	1/4	1,283.51	1/4	921.21	1/4	558.91	1/4	196.60	1/4		1/4		1/4	
1/2	2,362.88	1/2	2,000.57	1/2	1,638.27	1/2	1,275.96	1/2	913.66	1/2	551.36	1/2	189.05	1/2		1/2		1/2	
3/4	2,355.33	3/4	1,993.02	3/4	1,630.72	3/4	1,268.41	3/4	906.11	3/4	543.81	3/4	181.81	3/4		3/4		3/4	
10	2,347.78	10	1,985.47	10	1,623.17	10	1,260.86	10	898.56	10	536.26	10	174.57	10	10	10		10	
1/4	2,340.23	1/4	1,977.93	1/4	1,615.63	1/4	1,253.32	1/4	891.02	1/4	528.71	1/4	167.33	1/4		1/4		1/4	
1/2	2,332.68	1/2	1,970.38	1/2	1,608.08	1/2	1,245.77	1/2	883.47	1/2	521.16	1/2	160.09	1/2		1/2		1/2	
3/4	2,325.13	3/4	1,962.83	3/4	1,600.53	3/4	1,238.22	3/4	875.92	3/4	513.61	3/4	153.15	3/4		3/4		3/4	
11	2,317.58	11	1,955.28	11	1,592.98	11	1,230.67	11	868.37	11	506.06	11	146.22	11	11	11		11	
1/4	2,310.04	1/4	1,947.74	1/4	1,585.43	1/4	1,223.13	1/4	860.83	1/4	498.52	1/4	139.28	1/4		1/4		1/4	
1/2	2,302.49	1/2	1,940.19	1/2	1,577.88	1/2	1,215.58	1/2	853.28	1/2	490.97	1/2	132.35	1/2		1/2		1/2	
3/4	2,294.94	3/4	1,932.64	3/4	1,570.33	3/4	1,208.03	3/4	845.73	3/4	483.42	3/4	125.42	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2007 INS  
RECALCULATED: 01/17/2020 CL  
REPRINTED: 01/17/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "MMI 3059"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-02 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	4,605.76	0	4,373.86	0	4,129.25	0	3,884.65	0	3,640.04	0	3,333.05	0	2,974.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,602.83	1/4	4,368.77	1/4	4,124.16	1/4	3,879.56	1/4	3,634.95	1/4	3,325.58	1/4	2,967.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,599.90	1/2	4,363.67	1/2	4,119.06	1/2	3,874.46	1/2	3,629.85	1/2	3,318.12	1/2	2,959.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,596.19	3/4	4,358.57	3/4	4,113.96	3/4	3,869.36	3/4	3,624.75	3/4	3,310.66	3/4	2,952.38
1	1	1	1	1	1	1	4,592.48	1	4,353.48	1	4,108.87	1	3,864.27	1	3,619.66	1	3,303.19	1	2,944.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,588.77	1/4	4,348.38	1/4	4,103.77	1/4	3,859.17	1/4	3,614.56	1/4	3,295.73	1/4	2,937.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,585.06	1/2	4,343.29	1/2	4,098.68	1/2	3,854.07	1/2	3,609.46	1/2	3,288.26	1/2	2,929.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,580.57	3/4	4,338.19	3/4	4,093.58	3/4	3,848.98	3/4	3,604.37	3/4	3,280.80	3/4	2,922.53
2	2	2	2	2	2	2	4,576.08	2	4,333.09	2	4,088.49	2	3,843.88	2	3,599.27	2	3,273.33	2	2,915.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,571.58	1/4	4,328.00	1/4	4,083.39	1/4	3,838.79	1/4	3,594.18	1/4	3,265.87	1/4	2,907.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,567.09	1/2	4,322.90	1/2	4,078.30	1/2	3,833.69	1/2	3,589.08	1/2	3,258.40	1/2	2,900.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,562.10	3/4	4,317.80	3/4	4,073.20	3/4	3,828.59	3/4	3,583.60	3/4	3,250.94	3/4	2,892.67
3	3	3	3	3	3	3	4,557.11	3	4,312.71	3	4,068.10	3	3,823.50	3	3,578.12	3	3,243.48	3	2,885.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,552.12	1/4	4,307.61	1/4	4,063.01	1/4	3,818.40	1/4	3,572.64	1/4	3,236.01	1/4	2,877.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,547.13	1/2	4,302.52	1/2	4,057.91	1/2	3,813.30	1/2	3,567.16	1/2	3,228.55	1/2	2,870.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,542.03	3/4	4,297.42	3/4	4,052.81	3/4	3,808.21	3/4	3,561.37	3/4	3,221.09	3/4	2,862.82
4	4	4	4	4	4	4	4,536.94	4	4,292.33	4	4,047.72	4	3,803.11	4	3,555.57	4	3,213.62	4	2,855.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,531.84	1/4	4,287.23	1/4	4,042.62	1/4	3,798.02	1/4	3,549.78	1/4	3,206.16	1/4	2,847.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,526.74	1/2	4,282.14	1/2	4,037.53	1/2	3,792.92	1/2	3,543.98	1/2	3,198.69	1/2	2,840.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,521.65	3/4	4,277.04	3/4	4,032.43	3/4	3,787.83	3/4	3,537.84	3/4	3,191.23	3/4	2,832.96
5	5	5	5	5	5	5	4,516.55	5	4,271.94	5	4,027.33	5	3,782.73	5	3,531.70	5	3,183.77	5	2,825.49
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,511.46	1/4	4,266.85	1/4	4,022.24	1/4	3,777.64	1/4	3,525.56	1/4	3,176.30	1/4	2,818.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,506.36	1/2	4,261.75	1/2	4,017.14	1/2	3,772.54	1/2	3,519.42	1/2	3,168.84	1/2	2,810.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,501.27	3/4	4,256.65	3/4	4,012.04	3/4	3,767.44	3/4	3,512.94	3/4	3,161.38	3/4	2,803.10
6	6	6	6	6	6	6	4,496.17	6	4,251.56	6	4,006.95	6	3,762.35	6	3,506.45	6	3,153.91	6	2,795.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,491.08	1/4	4,246.46	1/4	4,001.85	1/4	3,757.25	1/4	3,499.97	1/4	3,146.45	1/4	2,788.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,485.98	1/2	4,241.37	1/2	3,996.76	1/2	3,752.15	1/2	3,493.48	1/2	3,138.98	1/2	2,780.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,480.88	3/4	4,236.27	3/4	3,991.66	3/4	3,747.06	3/4	3,486.65	3/4	3,131.52	3/4	2,773.24
7	7	7	7	7	7	7	4,475.79	7	4,231.17	7	3,986.57	7	3,741.96	7	3,479.82	7	3,124.05	7	2,765.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,470.69	1/4	4,226.08	1/4	3,981.47	1/4	3,736.87	1/4	3,472.99	1/4	3,116.59	1/4	2,758.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,465.59	1/2	4,220.98	1/2	3,976.38	1/2	3,731.77	1/2	3,466.16	1/2	3,109.12	1/2	2,750.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,460.50	3/4	4,215.88	3/4	3,971.28	3/4	3,726.67	3/4	3,458.99	3/4	3,101.66	3/4	2,743.39
8	8	8	8	8	8	8	4,455.40	8	4,210.79	8	3,966.18	8	3,721.58	8	3,451.81	8	3,094.20	8	2,735.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,450.30	1/4	4,205.69	1/4	3,961.09	1/4	3,716.48	1/4	3,444.64	1/4	3,086.73	1/4	2,728.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,445.21	1/2	4,200.60	1/2	3,955.99	1/2	3,711.38	1/2	3,437.46	1/2	3,079.27	1/2	2,721.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,440.11	3/4	4,195.50	3/4	3,950.89	3/4	3,706.29	3/4	3,430.02	3/4	3,071.81	3/4	2,713.53
9	9	9	9	9	9	9	4,435.01	9	4,190.41	9	3,945.80	9	3,701.19	9	3,422.57	9	3,064.34	9	2,706.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,429.92	1/4	4,185.31	1/4	3,940.70	1/4	3,696.10	1/4	3,415.13	1/4	3,056.88	1/4	2,698.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,424.82	1/2	4,180.22	1/2	3,935.61	1/2	3,691.00	1/2	3,407.68	1/2	3,049.41	1/2	2,691.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,419.72	3/4	4,175.12	3/4	3,930.51	3/4	3,685.91	3/4	3,400.22	3/4	3,041.95	3/4	2,683.67
10	10	10	10	10	10	10	4,414.63	10	4,170.02	10	3,925.41	10	3,680.81	10	3,392.76	10	3,034.49	10	2,676.21
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,409.53	1/4	4,164.93	1/4	3,920.32	1/4	3,675.72	1/4	3,385.29	1/4	3,027.02	1/4	2,668.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,404.44	1/2	4,159.83	1/2	3,915.22	1/2	3,670.62	1/2	3,377.83	1/2	3,019.56	1/2	2,661.28
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,401.06	3/4	4,154.73	3/4	3,910.12	3/4	3,665.52	3/4	3,370.37	3/4	3,012.10	3/4	2,653.82
11	11	11	11	11	11	11	4,394.25	11	4,149.64	11	3,905.03	11	3,660.43	11	3,362.90	11	3,004.63	11	2,646.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,389.15	1/4	4,144.54	1/4	3,899.94	1/4	3,655.33	1/4	3,355.44	1/4	2,997.17	1/4	2,638.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,384.06	1/2	4,139.45	1/2	3,894.84	1/2	3,650.23	1/2	3,347.97	1/2	2,989.70	1/2	2,631.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,378.96	3/4	4,134.35	3/4	3,889.75	3/4	3,645.14	3/4	3,340.51	3/4	2,982.24	3/4	2,623.96

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" GAUGING DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED 12'-08" OFF CENTERLINE AND 45'-09" FORWARD OF AFT BULKHEAD

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



# BARGE "MMI 3059"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-02 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,616.50	0	2,258.23	0	1,899.95	0	1,541.68	0	1,183.41	0	822.28	0	458.22	0	96.39	0		0	
1/4	2,609.03	1/4	2,250.76	1/4	1,892.49	1/4	1,534.22	1/4	1,175.94	1/4	814.72	1/4	450.62	1/4	89.04	1/4		1/4	
1/2	2,601.57	1/2	2,243.30	1/2	1,885.03	1/2	1,526.76	1/2	1,168.48	1/2	807.15	1/2	443.02	1/2	81.68	1/2		1/2	
3/4	2,594.11	3/4	2,235.83	3/4	1,877.56	3/4	1,519.29	3/4	1,161.02	3/4	799.58	3/4	435.42	3/4	74.32	3/4		3/4	
1	2,586.64	1	2,228.37	1	1,870.10	1	1,511.83	1	1,153.55	1	792.02	1	427.82	1	66.96	1		1	
1/4	2,579.18	1/4	2,220.90	1/4	1,862.63	1/4	1,504.36	1/4	1,146.09	1/4	784.45	1/4	420.23	1/4	59.61	1/4		1/4	
1/2	2,571.72	1/2	2,213.44	1/2	1,855.17	1/2	1,496.90	1/2	1,138.63	1/2	776.89	1/2	412.63	1/2	52.25	1/2		1/2	
3/4	2,564.25	3/4	2,205.98	3/4	1,847.71	3/4	1,489.43	3/4	1,131.16	3/4	769.32	3/4	405.03	3/4	46.25	3/4		3/4	
2	2,556.79	2	2,198.51	2	1,840.24	2	1,481.97	2	1,123.70	2	761.75	2	397.43	2	40.25	2		2	
1/4	2,549.32	1/4	2,191.05	1/4	1,832.78	1/4	1,474.50	1/4	1,116.23	1/4	754.19	1/4	389.84	1/4	34.25	1/4		1/4	
1/2	2,541.86	1/2	2,183.59	1/2	1,825.32	1/2	1,467.04	1/2	1,108.77	1/2	746.62	1/2	382.24	1/2		1/2		1/2	
3/4	2,534.39	3/4	2,176.12	3/4	1,817.85	3/4	1,459.58	3/4	1,101.31	3/4	739.05	3/4	374.64	3/4		3/4		3/4	
3	2,526.93	3	2,168.66	3	1,810.39	3	1,452.11	3	1,093.84	3	731.49	3	367.04	3		3		3	
1/4	2,519.46	1/4	2,161.19	1/4	1,802.92	1/4	1,444.65	1/4	1,086.38	1/4	723.92	1/4	359.45	1/4		1/4		1/4	
1/2	2,512.00	1/2	2,153.73	1/2	1,795.46	1/2	1,437.19	1/2	1,078.92	1/2	716.36	1/2	351.85	1/2		1/2		1/2	
3/4	2,504.54	3/4	2,146.27	3/4	1,787.99	3/4	1,429.72	3/4	1,071.45	3/4	708.79	3/4	344.25	3/4		3/4		3/4	
4	2,497.07	4	2,138.80	4	1,780.53	4	1,422.26	4	1,063.99	4	701.23	4	336.65	4		4		4	
1/4	2,489.61	1/4	2,131.34	1/4	1,773.06	1/4	1,414.79	1/4	1,056.52	1/4	693.66	1/4	329.06	1/4		1/4		1/4	
1/2	2,482.15	1/2	2,123.88	1/2	1,765.60	1/2	1,407.33	1/2	1,049.06	1/2	686.10	1/2	321.46	1/2		1/2		1/2	
3/4	2,474.68	3/4	2,116.41	3/4	1,758.14	3/4	1,399.87	3/4	1,041.54	3/4	678.52	3/4	313.86	3/4		3/4		3/4	
5	2,467.22	5	2,108.95	5	1,750.67	5	1,392.40	5	1,034.03	5	670.93	5	306.26	5		5		5	
1/4	2,459.75	1/4	2,101.48	1/4	1,743.21	1/4	1,384.94	1/4	1,026.51	1/4	663.35	1/4	298.66	1/4		1/4		1/4	
1/2	2,452.29	1/2	2,094.02	1/2	1,735.75	1/2	1,377.48	1/2	1,019.00	1/2	655.77	1/2	291.06	1/2		1/2		1/2	
3/4	2,444.83	3/4	2,086.55	3/4	1,728.28	3/4	1,370.01	3/4	1,011.43	3/4	648.17	3/4	283.46	3/4		3/4		3/4	
6	2,437.36	6	2,079.09	6	1,720.82	6	1,362.55	6	1,003.87	6	640.57	6	275.86	6		6		6	
1/4	2,429.90	1/4	2,071.62	1/4	1,713.35	1/4	1,355.08	1/4	996.30	1/4	632.98	1/4	268.27	1/4		1/4		1/4	
1/2	2,422.44	1/2	2,064.16	1/2	1,705.89	1/2	1,347.62	1/2	988.74	1/2	625.38	1/2	260.67	1/2		1/2		1/2	
3/4	2,414.97	3/4	2,056.70	3/4	1,698.43	3/4	1,340.15	3/4	981.17	3/4	617.78	3/4	253.07	3/4		3/4		3/4	
7	2,407.51	7	2,049.23	7	1,690.96	7	1,332.69	7	973.60	7	610.18	7	245.47	7		7		7	
1/4	2,400.04	1/4	2,041.77	1/4	1,683.50	1/4	1,325.22	1/4	966.04	1/4	602.58	1/4	237.88	1/4		1/4		1/4	
1/2	2,392.58	1/2	2,034.31	1/2	1,676.04	1/2	1,317.76	1/2	958.47	1/2	594.98	1/2	230.28	1/2		1/2		1/2	
3/4	2,385.11	3/4	2,026.84	3/4	1,668.57	3/4	1,310.30	3/4	950.90	3/4	587.38	3/4	222.68	3/4		3/4		3/4	
8	2,377.65	8	2,019.38	8	1,661.11	8	1,302.83	8	943.34	8	579.78	8	215.08	8		8		8	
1/4	2,370.18	1/4	2,011.91	1/4	1,653.64	1/4	1,295.37	1/4	935.77	1/4	572.19	1/4	207.49	1/4		1/4		1/4	
1/2	2,362.72	1/2	2,004.45	1/2	1,646.18	1/2	1,287.91	1/2	928.21	1/2	564.59	1/2	199.89	1/2		1/2		1/2	
3/4	2,355.26	3/4	1,996.99	3/4	1,638.71	3/4	1,280.44	3/4	920.64	3/4	556.99	3/4	192.41	3/4		3/4		3/4	
9	2,347.79	9	1,989.52	9	1,631.25	9	1,272.98	9	913.07	9	549.39	9	184.93	9		9		9	
1/4	2,340.33	1/4	1,982.06	1/4	1,623.78	1/4	1,265.51	1/4	905.51	1/4	541.80	1/4	177.46	1/4		1/4		1/4	
1/2	2,332.87	1/2	1,974.60	1/2	1,616.32	1/2	1,258.05	1/2	897.94	1/2	534.20	1/2	169.98	1/2		1/2		1/2	
3/4	2,325.40	3/4	1,967.13	3/4	1,608.86	3/4	1,250.59	3/4	890.37	3/4	526.60	3/4	162.62	3/4		3/4		3/4	
10	2,317.94	10	1,959.67	10	1,601.39	10	1,243.12	10	882.81	10	519.00	10	155.26	10		10		10	
1/4	2,310.47	1/4	1,952.20	1/4	1,593.93	1/4	1,235.66	1/4	875.24	1/4	511.41	1/4	147.90	1/4		1/4		1/4	
1/2	2,303.01	1/2	1,944.74	1/2	1,586.47	1/2	1,228.20	1/2	867.68	1/2	503.81	1/2	140.54	1/2		1/2		1/2	
3/4	2,295.55	3/4	1,937.27	3/4	1,579.00	3/4	1,220.73	3/4	860.11	3/4	496.21	3/4	133.18	3/4		3/4		3/4	
11	2,288.08	11	1,929.81	11	1,571.54	11	1,213.27	11	852.55	11	488.61	11	125.82	11		11		11	
1/4	2,280.62	1/4	1,922.34	1/4	1,564.07	1/4	1,205.80	1/4	844.98	1/4	481.02	1/4	118.47	1/4		1/4		1/4	
1/2	2,273.16	1/2	1,914.88	1/2	1,556.61	1/2	1,198.34	1/2	837.42	1/2	473.42	1/2	111.11	1/2		1/2		1/2	
3/4	2,265.69	3/4	1,907.42	3/4	1,549.15	3/4	1,190.87	3/4	829.85	3/4	465.82	3/4	103.75	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2007 INS  
RECALCULATED: 01/17/2020 CL  
REPRINTED: 01/17/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "MMI 3059"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,613.77	0	4,389.15	0	4,144.54	0	3,899.94	0	3,655.33	0	3,355.44	0	2,997.17
1/4		1/4		1/4		1/4	4,611.62	1/4	4,384.06	1/4	4,139.45	1/4	3,894.84	1/4	3,650.23	1/4	3,347.97	1/4	2,989.70
1/2		1/2		1/2		1/2	4,608.69	1/2	4,378.96	1/2	4,134.35	1/2	3,889.75	1/2	3,645.14	1/2	3,340.51	1/2	2,982.24
3/4		3/4		3/4		3/4	4,605.76	3/4	4,373.86	3/4	4,129.25	3/4	3,884.65	3/4	3,640.04	3/4	3,333.05	3/4	2,974.77
1		1		1		1	4,602.83	1	4,368.77	1	4,124.16	1	3,879.56	1	3,634.95	1	3,325.58	1	2,967.31
1/4		1/4		1/4		1/4	4,599.90	1/4	4,363.67	1/4	4,119.06	1/4	3,874.46	1/4	3,629.85	1/4	3,318.12	1/4	2,959.84
1/2		1/2		1/2		1/2	4,596.19	1/2	4,358.57	1/2	4,113.96	1/2	3,869.36	1/2	3,624.75	1/2	3,310.66	1/2	2,952.38
3/4		3/4		3/4		3/4	4,592.48	3/4	4,353.48	3/4	4,108.87	3/4	3,864.27	3/4	3,619.66	3/4	3,303.19	3/4	2,944.92
2		2		2		2	4,588.77	2	4,348.38	2	4,103.77	2	3,859.17	2	3,614.56	2	3,295.73	2	2,937.45
1/4		1/4		1/4		1/4	4,585.06	1/4	4,343.29	1/4	4,098.68	1/4	3,854.07	1/4	3,609.46	1/4	3,288.26	1/4	2,929.99
1/2		1/2		1/2		1/2	4,580.57	1/2	4,338.19	1/2	4,093.58	1/2	3,848.98	1/2	3,604.37	1/2	3,280.80	1/2	2,922.53
3/4		3/4		3/4		3/4	4,576.08	3/4	4,333.09	3/4	4,088.49	3/4	3,843.88	3/4	3,599.27	3/4	3,273.33	3/4	2,915.06
3		3		3		3	4,571.58	3	4,328.00	3	4,083.39	3	3,838.79	3	3,594.18	3	3,265.87	3	2,907.60
1/4		1/4		1/4		1/4	4,567.09	1/4	4,322.90	1/4	4,078.30	1/4	3,833.69	1/4	3,589.08	1/4	3,258.40	1/4	2,900.13
1/2		1/2		1/2		1/2	4,562.10	1/2	4,317.80	1/2	4,073.20	1/2	3,828.59	1/2	3,583.60	1/2	3,250.94	1/2	2,892.67
3/4		3/4		3/4		3/4	4,557.11	3/4	4,312.71	3/4	4,068.10	3/4	3,823.50	3/4	3,578.12	3/4	3,243.48	3/4	2,885.21
4		4		4		4	4,552.12	4	4,307.61	4	4,063.01	4	3,818.40	4	3,572.64	4	3,236.01	4	2,877.74
1/4		1/4		1/4		1/4	4,547.13	1/4	4,302.52	1/4	4,057.91	1/4	3,813.30	1/4	3,567.16	1/4	3,228.55	1/4	2,870.28
1/2		1/2		1/2		1/2	4,542.03	1/2	4,297.42	1/2	4,052.81	1/2	3,808.21	1/2	3,561.37	1/2	3,221.09	1/2	2,862.82
3/4		3/4		3/4		3/4	4,536.94	3/4	4,292.33	3/4	4,047.72	3/4	3,803.11	3/4	3,555.57	3/4	3,213.62	3/4	2,855.35
5		5		5		5	4,531.84	5	4,287.23	5	4,042.62	5	3,798.02	5	3,549.78	5	3,206.16	5	2,847.89
1/4		1/4		1/4		1/4	4,526.74	1/4	4,282.14	1/4	4,037.53	1/4	3,792.92	1/4	3,543.98	1/4	3,198.69	1/4	2,840.42
1/2		1/2		1/2		1/2	4,521.65	1/2	4,277.04	1/2	4,032.43	1/2	3,787.83	1/2	3,537.84	1/2	3,191.23	1/2	2,832.96
3/4		3/4		3/4		3/4	4,516.55	3/4	4,271.94	3/4	4,027.33	3/4	3,782.73	3/4	3,531.70	3/4	3,183.77	3/4	2,825.49
6		6		6		6	4,511.46	6	4,266.85	6	4,022.24	6	3,777.64	6	3,525.56	6	3,176.30	6	2,818.03
1/4		1/4		1/4		1/4	4,506.36	1/4	4,261.75	1/4	4,017.14	1/4	3,772.54	1/4	3,519.42	1/4	3,168.84	1/4	2,810.56
1/2		1/2		1/2		1/2	4,501.27	1/2	4,256.65	1/2	4,012.04	1/2	3,767.44	1/2	3,512.94	1/2	3,161.38	1/2	2,803.10
3/4		3/4		3/4		3/4	4,496.17	3/4	4,251.56	3/4	4,006.95	3/4	3,762.35	3/4	3,506.45	3/4	3,153.91	3/4	2,795.63
7		7		7		7	4,491.08	7	4,246.46	7	4,001.85	7	3,757.25	7	3,499.97	7	3,146.45	7	2,788.17
1/4		1/4		1/4		1/4	4,485.98	1/4	4,241.37	1/4	3,996.76	1/4	3,752.15	1/4	3,493.48	1/4	3,138.98	1/4	2,780.71
1/2		1/2		1/2		1/2	4,480.88	1/2	4,236.27	1/2	3,991.66	1/2	3,747.06	1/2	3,486.65	1/2	3,131.52	1/2	2,773.24
3/4		3/4		3/4		3/4	4,475.79	3/4	4,231.17	3/4	3,986.57	3/4	3,741.96	3/4	3,479.82	3/4	3,124.05	3/4	2,765.78
8		8		8		8	4,470.69	8	4,226.08	8	3,981.47	8	3,736.87	8	3,472.99	8	3,116.59	8	2,758.31
1/4		1/4		1/4		1/4	4,465.59	1/4	4,220.98	1/4	3,976.38	1/4	3,731.77	1/4	3,466.16	1/4	3,109.12	1/4	2,750.85
1/2		1/2		1/2		1/2	4,460.50	1/2	4,215.88	1/2	3,971.28	1/2	3,726.67	1/2	3,458.99	1/2	3,101.66	1/2	2,743.39
3/4		3/4		3/4		3/4	4,455.40	3/4	4,210.79	3/4	3,966.18	3/4	3,721.58	3/4	3,451.81	3/4	3,094.20	3/4	2,735.92
9		9		9	4,628.49	9	4,450.30	9	4,205.69	9	3,961.09	9	3,716.48	9	3,444.64	9	3,086.73	9	2,728.46
1/4		1/4		1/4	4,628.20	1/4	4,445.21	1/4	4,200.60	1/4	3,955.99	1/4	3,711.38	1/4	3,437.46	1/4	3,079.27	1/4	2,721.00
1/2		1/2		1/2	4,627.57	1/2	4,440.11	1/2	4,195.50	1/2	3,950.89	1/2	3,706.29	1/2	3,430.02	1/2	3,071.81	1/2	2,713.53
3/4		3/4		3/4	4,626.94	3/4	4,435.01	3/4	4,190.41	3/4	3,945.80	3/4	3,701.19	3/4	3,422.57	3/4	3,064.34	3/4	2,706.07
10		10		10	4,626.31	10	4,429.92	10	4,185.31	10	3,940.70	10	3,696.10	10	3,415.13	10	3,056.88	10	2,698.60
1/4		1/4		1/4	4,625.68	1/4	4,424.82	1/4	4,180.22	1/4	3,935.61	1/4	3,691.00	1/4	3,407.68	1/4	3,049.41	1/4	2,691.14
1/2		1/2		1/2	4,624.31	1/2	4,419.72	1/2	4,175.12	1/2	3,930.51	1/2	3,685.91	1/2	3,400.22	1/2	3,041.95	1/2	2,683.67
3/4		3/4		3/4	4,622.95	3/4	4,414.63	3/4	4,170.02	3/4	3,925.41	3/4	3,680.81	3/4	3,392.76	3/4	3,034.49	3/4	2,676.21
11		11		11	4,621.58	11	4,409.53	11	4,164.93	11	3,920.32	11	3,675.72	11	3,385.29	11	3,027.02	11	2,668.74
1/4		1/4		1/4	4,620.21	1/4	4,404.44	1/4	4,159.83	1/4	3,915.22	1/4	3,670.62	1/4	3,377.83	1/4	3,019.56	1/4	2,661.28
1/2		1/2		1/2	4,618.06	1/2	4,399.34	1/2	4,154.73	1/2	3,910.12	1/2	3,665.52	1/2	3,370.37	1/2	3,012.10	1/2	2,653.82
3/4		3/4		3/4	4,615.92	3/4	4,394.25	3/4	4,149.64	3/4	3,905.03	3/4	3,660.43	3/4	3,362.90	3/4	3,004.63	3/4	2,646.35

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" GAUGING DEVICE  
 GAUGE POINT: (HERMETIC) LOCATED 12'-08" OFF CENTERLINE AND 45'-09" FORWARD OF AFT BULKHEAD

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



# BARGE "MMI 3059"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,638.89	0	2,280.62	0	1,922.34	0	1,564.07	0	1,205.80	0	844.98	0	481.02	0	118.47	0		0	
1/4	2,631.43	1/4	2,273.16	1/4	1,914.88	1/4	1,556.61	1/4	1,198.34	1/4	837.42	1/4	473.42	1/4	111.11	1/4		1/4	
1/2	2,623.96	1/2	2,265.69	1/2	1,907.42	1/2	1,549.15	1/2	1,190.87	1/2	829.85	1/2	465.82	1/2	103.75	1/2		1/2	
3/4	2,616.50	3/4	2,258.23	3/4	1,899.95	3/4	1,541.68	3/4	1,183.41	3/4	822.28	3/4	458.22	3/4	96.39	3/4		3/4	
1	2,609.03	1	2,250.76	1	1,892.49	1	1,534.22	1	1,175.94	1	814.72	1	450.62	1	89.04	1		1	
1/4	2,601.57	1/4	2,243.30	1/4	1,885.03	1/4	1,526.76	1/4	1,168.48	1/4	807.15	1/4	443.02	1/4	81.68	1/4		1/4	
1/2	2,594.11	1/2	2,235.83	1/2	1,877.56	1/2	1,519.29	1/2	1,161.02	1/2	799.58	1/2	435.42	1/2	74.32	1/2		1/2	
3/4	2,586.64	3/4	2,228.37	3/4	1,870.10	3/4	1,511.83	3/4	1,153.55	3/4	792.02	3/4	427.82	3/4	66.96	3/4		3/4	
2	2,579.18	2	2,220.90	2	1,862.63	2	1,504.36	2	1,146.09	2	784.45	2	420.23	2	59.61	2		2	
1/4	2,571.72	1/4	2,213.44	1/4	1,855.17	1/4	1,496.90	1/4	1,138.63	1/4	776.89	1/4	412.63	1/4	52.25	1/4		1/4	
1/2	2,564.25	1/2	2,205.98	1/2	1,847.71	1/2	1,489.43	1/2	1,131.16	1/2	769.32	1/2	405.03	1/2	46.25	1/2		1/2	
3/4	2,556.79	3/4	2,198.51	3/4	1,840.24	3/4	1,481.97	3/4	1,123.70	3/4	761.75	3/4	397.43	3/4	40.25	3/4		3/4	
3	2,549.32	3	2,191.05	3	1,832.78	3	1,474.50	3	1,116.23	3	754.19	3	389.84	3	34.25	3		3	
1/4	2,541.86	1/4	2,183.59	1/4	1,825.32	1/4	1,467.04	1/4	1,108.77	1/4	746.62	1/4	382.24	1/4		1/4		1/4	
1/2	2,534.39	1/2	2,176.12	1/2	1,817.85	1/2	1,459.58	1/2	1,101.31	1/2	739.05	1/2	374.64	1/2		1/2		1/2	
3/4	2,526.93	3/4	2,168.66	3/4	1,810.39	3/4	1,452.11	3/4	1,093.84	3/4	731.49	3/4	367.04	3/4		3/4		3/4	
4	2,519.46	4	2,161.19	4	1,802.92	4	1,444.65	4	1,086.38	4	723.92	4	359.45	4		4		4	
1/4	2,512.00	1/4	2,153.73	1/4	1,795.46	1/4	1,437.19	1/4	1,078.92	1/4	716.36	1/4	351.85	1/4		1/4		1/4	
1/2	2,504.54	1/2	2,146.27	1/2	1,787.99	1/2	1,429.72	1/2	1,071.45	1/2	708.79	1/2	344.25	1/2		1/2		1/2	
3/4	2,497.07	3/4	2,138.80	3/4	1,780.53	3/4	1,422.26	3/4	1,063.99	3/4	701.23	3/4	336.65	3/4		3/4		3/4	
5	2,489.61	5	2,131.34	5	1,773.06	5	1,414.79	5	1,056.52	5	693.66	5	329.06	5		5		5	
1/4	2,482.15	1/4	2,123.88	1/4	1,765.60	1/4	1,407.33	1/4	1,049.06	1/4	686.10	1/4	321.46	1/4		1/4		1/4	
1/2	2,474.68	1/2	2,116.41	1/2	1,758.14	1/2	1,399.87	1/2	1,041.54	1/2	678.52	1/2	313.86	1/2		1/2		1/2	
3/4	2,467.22	3/4	2,108.95	3/4	1,750.67	3/4	1,392.40	3/4	1,034.03	3/4	670.93	3/4	306.26	3/4		3/4		3/4	
6	2,459.75	6	2,101.48	6	1,743.21	6	1,384.94	6	1,026.51	6	663.35	6	298.66	6		6		6	
1/4	2,452.29	1/4	2,094.02	1/4	1,735.75	1/4	1,377.48	1/4	1,019.00	1/4	655.77	1/4	291.06	1/4		1/4		1/4	
1/2	2,444.83	1/2	2,086.55	1/2	1,728.28	1/2	1,370.01	1/2	1,011.43	1/2	648.17	1/2	283.46	1/2		1/2		1/2	
3/4	2,437.36	3/4	2,079.09	3/4	1,720.82	3/4	1,362.55	3/4	1,003.87	3/4	640.57	3/4	275.86	3/4		3/4		3/4	
7	2,429.90	7	2,071.62	7	1,713.35	7	1,355.08	7	996.30	7	632.98	7	268.27	7		7		7	
1/4	2,422.44	1/4	2,064.16	1/4	1,705.89	1/4	1,347.62	1/4	988.74	1/4	625.38	1/4	260.67	1/4		1/4		1/4	
1/2	2,414.97	1/2	2,056.70	1/2	1,698.43	1/2	1,340.15	1/2	981.17	1/2	617.78	1/2	253.07	1/2		1/2		1/2	
3/4	2,407.51	3/4	2,049.23	3/4	1,690.96	3/4	1,332.69	3/4	973.60	3/4	610.18	3/4	245.47	3/4		3/4		3/4	
8	2,400.04	8	2,041.77	8	1,683.50	8	1,325.22	8	966.04	8	602.58	8	237.88	8		8		8	
1/4	2,392.58	1/4	2,034.31	1/4	1,676.04	1/4	1,317.76	1/4	958.47	1/4	594.98	1/4	230.28	1/4		1/4		1/4	
1/2	2,385.11	1/2	2,026.84	1/2	1,668.57	1/2	1,310.30	1/2	950.90	1/2	587.38	1/2	222.68	1/2		1/2		1/2	
3/4	2,377.65	3/4	2,019.38	3/4	1,661.11	3/4	1,302.83	3/4	943.34	3/4	579.78	3/4	215.08	3/4		3/4		3/4	
9	2,370.18	9	2,011.91	9	1,653.64	9	1,295.37	9	935.77	9	572.19	9	207.49	9		9		9	
1/4	2,362.72	1/4	2,004.45	1/4	1,646.18	1/4	1,287.91	1/4	928.21	1/4	564.59	1/4	199.89	1/4		1/4		1/4	
1/2	2,355.26	1/2	1,996.99	1/2	1,638.71	1/2	1,280.44	1/2	920.64	1/2	556.99	1/2	192.41	1/2		1/2		1/2	
3/4	2,347.79	3/4	1,989.52	3/4	1,631.25	3/4	1,272.98	3/4	913.07	3/4	549.39	3/4	184.93	3/4		3/4		3/4	
10	2,340.33	10	1,982.06	10	1,623.78	10	1,265.51	10	905.51	10	541.80	10	177.46	10		10		10	
1/4	2,332.87	1/4	1,974.60	1/4	1,616.32	1/4	1,258.05	1/4	897.94	1/4	534.20	1/4	169.98	1/4		1/4		1/4	
1/2	2,325.40	1/2	1,967.13	1/2	1,608.86	1/2	1,250.59	1/2	890.37	1/2	526.60	1/2	162.62	1/2		1/2		1/2	
3/4	2,317.94	3/4	1,959.67	3/4	1,601.39	3/4	1,243.12	3/4	882.81	3/4	519.00	3/4	155.26	3/4		3/4		3/4	
11	2,310.47	11	1,952.20	11	1,593.93	11	1,235.66	11	875.24	11	511.41	11	147.90	11		11		11	
1/4	2,303.01	1/4	1,944.74	1/4	1,586.47	1/4	1,228.20	1/4	867.68	1/4	503.81	1/4	140.54	1/4		1/4		1/4	
1/2	2,295.55	1/2	1,937.27	1/2	1,579.00	1/2	1,220.73	1/2	860.11	1/2	496.21	1/2	133.18	1/2		1/2		1/2	
3/4	2,288.08	3/4	1,929.81	3/4	1,571.54	3/4	1,213.27	3/4	852.55	3/4	488.61	3/4	125.82	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/11/2007 INS  
RECALCULATED: 01/17/2020 CL  
REPRINTED: 01/17/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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