



BARGE "MMI 3037"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-3/4	- 00-3/4
2 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-3/4	- 00-3/4
3 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

December 1, 2023

PRECISION MEASUREMENT
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BARGE "MMI 3037"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,076.11	0	4,709.67	0	4,343.24	0	3,976.81	0	3,610.37	0	3,243.94	0	2,877.51
1/4		1/4		1/4		1/4	5,068.47	1/4	4,702.04	1/4	4,335.61	1/4	3,969.17	1/4	3,602.74	1/4	3,236.31	1/4	2,869.87
1/2		1/2		1/2		1/2	5,060.84	1/2	4,694.40	1/2	4,327.97	1/2	3,961.53	1/2	3,595.10	1/2	3,228.67	1/2	2,862.24
3/4		3/4		3/4		3/4	5,053.20	3/4	4,686.77	3/4	4,320.34	3/4	3,953.90	3/4	3,587.47	3/4	3,221.04	3/4	2,854.61
1		1		1		1	5,045.57	1	4,679.14	1	4,312.71	1	3,946.27	1	3,579.84	1	3,213.40	1	2,846.97
1/4		1/4		1/4		1/4	5,037.93	1/4	4,671.50	1/4	4,305.07	1/4	3,938.63	1/4	3,572.20	1/4	3,205.77	1/4	2,839.34
1/2		1/2		1/2		1/2	5,030.30	1/2	4,663.87	1/2	4,297.44	1/2	3,931.00	1/2	3,564.57	1/2	3,198.13	1/2	2,831.70
3/4		3/4		3/4		3/4	5,022.66	3/4	4,656.23	3/4	4,289.80	3/4	3,923.37	3/4	3,556.94	3/4	3,190.50	3/4	2,824.07
2		2		2		2	5,015.03	2	4,648.60	2	4,282.17	2	3,915.73	2	3,549.30	2	3,182.87	2	2,816.44
1/4		1/4		1/4		1/4	5,007.40	1/4	4,640.97	1/4	4,274.53	1/4	3,908.10	1/4	3,541.67	1/4	3,175.23	1/4	2,808.80
1/2		1/2		1/2		1/2	4,999.76	1/2	4,633.33	1/2	4,266.90	1/2	3,900.46	1/2	3,534.03	1/2	3,167.60	1/2	2,801.17
3/4		3/4		3/4		3/4	4,992.13	3/4	4,625.70	3/4	4,259.26	3/4	3,892.83	3/4	3,526.40	3/4	3,159.97	3/4	2,793.54
3		3		3		3	4,984.50	3	4,618.07	3	4,251.63	3	3,885.20	3	3,518.76	3	3,152.33	3	2,785.90
1/4		1/4		1/4		1/4	4,976.86	1/4	4,610.43	1/4	4,244.00	1/4	3,877.56	1/4	3,511.13	1/4	3,144.70	1/4	2,778.27
1/2		1/2		1/2		1/2	4,969.23	1/2	4,602.80	1/2	4,236.36	1/2	3,869.93	1/2	3,503.49	1/2	3,137.06	1/2	2,770.63
3/4		3/4		3/4		3/4	4,961.59	3/4	4,595.16	3/4	4,228.73	3/4	3,862.30	3/4	3,495.86	3/4	3,129.43	3/4	2,763.00
4		4		4		4	4,953.96	4	4,587.53	4	4,221.10	4	3,854.66	4	3,488.23	4	3,121.80	4	2,755.36
1/4		1/4		1/4		1/4	4,946.33	1/4	4,579.89	1/4	4,213.46	1/4	3,847.03	1/4	3,480.59	1/4	3,114.16	1/4	2,747.73
1/2		1/2		1/2	5,201.93	1/2	4,938.69	1/2	4,572.26	1/2	4,205.83	1/2	3,839.39	1/2	3,472.96	1/2	3,106.53	1/2	2,740.09
3/4		3/4		3/4	5,201.52	3/4	4,931.06	3/4	4,564.62	3/4	4,198.19	3/4	3,831.76	3/4	3,465.33	3/4	3,098.90	3/4	2,732.46
5		5		5	5,200.61	5	4,923.43	5	4,556.99	5	4,190.56	5	3,824.12	5	3,457.69	5	3,091.26	5	2,724.83
1/4		1/4		1/4	5,199.69	1/4	4,915.79	1/4	4,549.36	1/4	4,182.93	1/4	3,816.49	1/4	3,450.06	1/4	3,083.63	1/4	2,717.19
1/2		1/2		1/2	5,198.78	1/2	4,908.16	1/2	4,541.72	1/2	4,175.29	1/2	3,808.85	1/2	3,442.42	1/2	3,075.99	1/2	2,709.56
3/4		3/4		3/4	5,197.86	3/4	4,900.52	3/4	4,534.09	3/4	4,167.66	3/4	3,801.22	3/4	3,434.79	3/4	3,068.36	3/4	2,701.93
6		6		6	5,195.89	6	4,892.89	6	4,526.46	6	4,160.03	6	3,793.59	6	3,427.16	6	3,060.72	6	2,694.29
1/4		1/4		1/4	5,193.91	1/4	4,885.25	1/4	4,518.82	1/4	4,152.39	1/4	3,785.95	1/4	3,419.52	1/4	3,053.09	1/4	2,686.66
1/2		1/2		1/2	5,191.94	1/2	4,877.62	1/2	4,511.19	1/2	4,144.76	1/2	3,778.32	1/2	3,411.89	1/2	3,045.45	1/2	2,679.02
3/4		3/4		3/4	5,189.96	3/4	4,869.98	3/4	4,503.55	3/4	4,137.12	3/4	3,770.69	3/4	3,404.26	3/4	3,037.82	3/4	2,671.39
7		7		7	5,186.86	7	4,862.35	7	4,495.92	7	4,129.49	7	3,763.05	7	3,396.62	7	3,030.19	7	2,663.76
1/4		1/4		1/4	5,183.75	1/4	4,854.72	1/4	4,488.29	1/4	4,121.85	1/4	3,755.42	1/4	3,388.99	1/4	3,022.55	1/4	2,656.12
1/2		1/2		1/2	5,180.65	1/2	4,847.08	1/2	4,480.65	1/2	4,114.22	1/2	3,747.78	1/2	3,381.35	1/2	3,014.92	1/2	2,648.49
3/4		3/4		3/4	5,177.54	3/4	4,839.45	3/4	4,473.02	3/4	4,106.58	3/4	3,740.15	3/4	3,373.72	3/4	3,007.29	3/4	2,640.86
8		8		8	5,173.31	8	4,831.82	8	4,465.39	8	4,098.95	8	3,732.52	8	3,366.08	8	2,999.65	8	2,633.22
1/4		1/4		1/4	5,169.07	1/4	4,824.18	1/4	4,457.75	1/4	4,091.32	1/4	3,724.88	1/4	3,358.45	1/4	2,992.02	1/4	2,625.59
1/2		1/2		1/2	5,164.84	1/2	4,816.55	1/2	4,450.12	1/2	4,083.68	1/2	3,717.25	1/2	3,350.81	1/2	2,984.38	1/2	2,617.95
3/4		3/4		3/4	5,160.60	3/4	4,808.91	3/4	4,442.48	3/4	4,076.05	3/4	3,709.62	3/4	3,343.18	3/4	2,976.75	3/4	2,610.32
9		9		9	5,155.23	9	4,801.28	9	4,434.85	9	4,068.42	9	3,701.98	9	3,335.55	9	2,969.12	9	2,602.68
1/4		1/4		1/4	5,149.87	1/4	4,793.65	1/4	4,427.21	1/4	4,060.78	1/4	3,694.35	1/4	3,327.91	1/4	2,961.48	1/4	2,595.05
1/2		1/2		1/2	5,144.50	1/2	4,786.01	1/2	4,419.58	1/2	4,053.15	1/2	3,686.71	1/2	3,320.28	1/2	2,953.85	1/2	2,587.41
3/4		3/4		3/4	5,139.13	3/4	4,778.38	3/4	4,411.94	3/4	4,045.51	3/4	3,679.08	3/4	3,312.65	3/4	2,946.22	3/4	2,579.78
10		10		10	5,132.63	10	4,770.75	10	4,404.31	10	4,037.88	10	3,671.44	10	3,305.01	10	2,938.58	10	2,572.15
1/4		1/4		1/4	5,126.13	1/4	4,763.11	1/4	4,396.68	1/4	4,030.25	1/4	3,663.81	1/4	3,297.38	1/4	2,930.95	1/4	2,564.51
1/2		1/2		1/2	5,119.63	1/2	4,755.48	1/2	4,389.04	1/2	4,022.61	1/2	3,656.17	1/2	3,289.74	1/2	2,923.31	1/2	2,556.88
3/4		3/4		3/4	5,113.13	3/4	4,747.84	3/4	4,381.41	3/4	4,014.98	3/4	3,648.54	3/4	3,282.11	3/4	2,915.68	3/4	2,549.25
11		11		11	5,105.78	11	4,740.21	11	4,373.78	11	4,007.35	11	3,640.91	11	3,274.48	11	2,908.04	11	2,541.61
1/4		1/4		1/4	5,098.44	1/4	4,732.57	1/4	4,366.14	1/4	3,999.71	1/4	3,633.27	1/4	3,266.84	1/4	2,900.41	1/4	2,533.98
1/2		1/2		1/2	5,091.09	1/2	4,724.94	1/2	4,358.51	1/2	3,992.08	1/2	3,625.64	1/2	3,259.21	1/2	2,892.77	1/2	2,526.34
3/4		3/4		3/4	5,083.74	3/4	4,717.30	3/4	4,350.87	3/4	3,984.44	3/4	3,618.01	3/4	3,251.58	3/4	2,885.14	3/4	2,518.71

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "MMI 3037"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,511.08	0	2,144.64	0	1,778.21	0	1,411.78	0	1,045.35	0	678.92	0	318.40	0		0		0	
1/4	2,503.44	1/4	2,137.01	1/4	1,770.58	1/4	1,404.15	1/4	1,037.71	1/4	671.28	1/4	311.20	1/4		1/4		1/4	
1/2	2,495.81	1/2	2,129.37	1/2	1,762.94	1/2	1,396.51	1/2	1,030.08	1/2	663.65	1/2	304.01	1/2		1/2		1/2	
3/4	2,488.18	3/4	2,121.74	3/4	1,755.31	3/4	1,388.88	3/4	1,022.45	3/4	656.02	3/4	296.82	3/4		3/4		3/4	
1	2,480.54	1	2,114.11	1	1,747.68	1	1,381.24	1	1,014.81	1	648.38	1	289.69	1		1		1	
1/4	2,472.91	1/4	2,106.47	1/4	1,740.04	1/4	1,373.61	1/4	1,007.18	1/4	640.75	1/4	282.55	1/4		1/4		1/4	
1/2	2,465.27	1/2	2,098.84	1/2	1,732.41	1/2	1,365.97	1/2	999.54	1/2	633.11	1/2	275.42	1/2		1/2		1/2	
3/4	2,457.64	3/4	2,091.21	3/4	1,724.78	3/4	1,358.34	3/4	991.91	3/4	625.48	3/4	268.29	3/4		3/4		3/4	
2	2,450.00	2	2,083.57	2	1,717.14	2	1,350.71	2	984.28	2	617.84	2	261.22	2		2		2	
1/4	2,442.37	1/4	2,075.94	1/4	1,709.51	1/4	1,343.07	1/4	976.64	1/4	610.21	1/4	254.15	1/4		1/4		1/4	
1/2	2,434.73	1/2	2,068.30	1/2	1,701.87	1/2	1,335.44	1/2	969.01	1/2	602.57	1/2	247.09	1/2		1/2		1/2	
3/4	2,427.10	3/4	2,060.67	3/4	1,694.24	3/4	1,327.81	3/4	961.38	3/4	594.94	3/4	240.02	3/4		3/4		3/4	
3	2,419.47	3	2,053.04	3	1,686.60	3	1,320.17	3	953.74	3	587.31	3	233.01	3		3		3	
1/4	2,411.83	1/4	2,045.40	1/4	1,678.97	1/4	1,312.54	1/4	946.11	1/4	579.67	1/4	226.01	1/4		1/4		1/4	
1/2	2,404.20	1/2	2,037.77	1/2	1,671.33	1/2	1,304.90	1/2	938.47	1/2	572.04	1/2	219.00	1/2		1/2		1/2	
3/4	2,396.57	3/4	2,030.14	3/4	1,663.70	3/4	1,297.27	3/4	930.84	3/4	564.41	3/4	212.00	3/4		3/4		3/4	
4	2,388.93	4	2,022.50	4	1,656.07	4	1,289.64	4	923.20	4	556.77	4	205.05	4		4		4	
1/4	2,381.30	1/4	2,014.87	1/4	1,648.43	1/4	1,282.00	1/4	915.57	1/4	549.14	1/4	198.11	1/4		1/4		1/4	
1/2	2,373.66	1/2	2,007.23	1/2	1,640.80	1/2	1,274.37	1/2	907.93	1/2	541.50	1/2	191.16	1/2		1/2		1/2	
3/4	2,366.03	3/4	1,999.60	3/4	1,633.17	3/4	1,266.74	3/4	900.30	3/4	533.87	3/4	184.22	3/4		3/4		3/4	
5	2,358.40	5	1,991.96	5	1,625.53	5	1,259.10	5	892.67	5	526.27	5	177.34	5		5		5	
1/4	2,350.76	1/4	1,984.33	1/4	1,617.90	1/4	1,251.47	1/4	885.03	1/4	518.67	1/4	170.45	1/4		1/4		1/4	
1/2	2,343.13	1/2	1,976.69	1/2	1,610.26	1/2	1,243.83	1/2	877.40	1/2	511.07	1/2	163.57	1/2		1/2		1/2	
3/4	2,335.50	3/4	1,969.06	3/4	1,602.63	3/4	1,236.20	3/4	869.77	3/4	503.47	3/4	156.69	3/4		3/4		3/4	
6	2,327.86	6	1,961.43	6	1,595.00	6	1,228.56	6	862.13	6	495.90	6	149.87	6		6		6	
1/4	2,320.23	1/4	1,953.79	1/4	1,587.36	1/4	1,220.93	1/4	854.50	1/4	488.33	1/4	143.05	1/4		1/4		1/4	
1/2	2,312.59	1/2	1,946.16	1/2	1,579.73	1/2	1,213.29	1/2	846.86	1/2	480.77	1/2	136.23	1/2		1/2		1/2	
3/4	2,304.96	3/4	1,938.53	3/4	1,572.10	3/4	1,205.66	3/4	839.23	3/4	473.20	3/4	129.41	3/4		3/4		3/4	
7	2,297.32	7	1,930.89	7	1,564.46	7	1,198.03	7	831.60	7	465.69	7	122.65	7		7		7	
1/4	2,289.69	1/4	1,923.26	1/4	1,556.83	1/4	1,190.39	1/4	823.96	1/4	458.19	1/4	115.89	1/4		1/4		1/4	
1/2	2,282.05	1/2	1,915.62	1/2	1,549.19	1/2	1,182.76	1/2	816.33	1/2	450.68	1/2	109.14	1/2		1/2		1/2	
3/4	2,274.42	3/4	1,907.99	3/4	1,541.56	3/4	1,175.13	3/4	808.70	3/4	443.18	3/4	102.38	3/4		3/4		3/4	
8	2,266.79	8	1,900.36	8	1,533.92	8	1,167.49	8	801.06	8	435.74	8	95.68	8		8		8	
1/4	2,259.15	1/4	1,892.72	1/4	1,526.29	1/4	1,159.86	1/4	793.43	1/4	428.29	1/4	88.99	1/4		1/4		1/4	
1/2	2,251.52	1/2	1,885.09	1/2	1,518.65	1/2	1,152.22	1/2	785.79	1/2	420.85	1/2	82.29	1/2		1/2		1/2	
3/4	2,243.89	3/4	1,877.46	3/4	1,511.02	3/4	1,144.59	3/4	778.16	3/4	413.41	3/4	75.60	3/4		3/4		3/4	
9	2,236.25	9	1,869.82	9	1,503.39	9	1,136.96	9	770.52	9	406.03	9	68.96	9		9		9	
1/4	2,228.62	1/4	1,862.19	1/4	1,495.75	1/4	1,129.32	1/4	762.89	1/4	398.65	1/4	62.33	1/4		1/4		1/4	
1/2	2,220.98	1/2	1,854.55	1/2	1,488.12	1/2	1,121.69	1/2	755.25	1/2	391.27	1/2	55.69	1/2		1/2		1/2	
3/4	2,213.35	3/4	1,846.92	3/4	1,480.49	3/4	1,114.06	3/4	747.62	3/4	383.89	3/4	49.06	3/4		3/4		3/4	
10	2,205.72	10	1,839.28	10	1,472.85	10	1,106.42	10	739.99	10	376.57	10	43.57	10		10		10	
1/4	2,198.08	1/4	1,831.65	1/4	1,465.22	1/4	1,098.79	1/4	732.35	1/4	369.25	1/4	38.07	1/4		1/4		1/4	
1/2	2,190.45	1/2	1,824.01	1/2	1,457.58	1/2	1,091.15	1/2	724.72	1/2	361.94	1/2	32.58	1/2		1/2		1/2	
3/4	2,182.82	3/4	1,816.38	3/4	1,449.95	3/4	1,083.52	3/4	717.09	3/4	354.62	3/4	27.09	3/4		3/4		3/4	
11	2,175.18	11	1,808.75	11	1,442.32	11	1,075.88	11	709.45	11	347.36	11		11		11		11	
1/4	2,167.55	1/4	1,801.11	1/4	1,434.68	1/4	1,068.25	1/4	701.82	1/4	340.10	1/4		1/4		1/4		1/4	
1/2	2,159.91	1/2	1,793.48	1/2	1,427.05	1/2	1,060.61	1/2	694.18	1/2	332.85	1/2		1/2		1/2		1/2	
3/4	2,152.28	3/4	1,785.85	3/4	1,419.42	3/4	1,052.98	3/4	686.55	3/4	325.59	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/31/2003 INSP.
RECALCULATED: 10/26/2018
VERIFIED: 12/01/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MMI 3037"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,076.11	0	4,709.67	0	4,343.24	0	3,976.81	0	3,610.37	0	3,243.94	0	2,877.51
1/4		1/4		1/4		1/4	5,068.47	1/4	4,702.04	1/4	4,335.61	1/4	3,969.17	1/4	3,602.74	1/4	3,236.31	1/4	2,869.87
1/2		1/2		1/2		1/2	5,060.84	1/2	4,694.40	1/2	4,327.97	1/2	3,961.53	1/2	3,595.10	1/2	3,228.67	1/2	2,862.24
3/4		3/4		3/4		3/4	5,053.20	3/4	4,686.77	3/4	4,320.34	3/4	3,953.90	3/4	3,587.47	3/4	3,221.04	3/4	2,854.61
1		1		1		1	5,045.57	1	4,679.14	1	4,312.71	1	3,946.27	1	3,579.84	1	3,213.40	1	2,846.97
1/4		1/4		1/4		1/4	5,037.93	1/4	4,671.50	1/4	4,305.07	1/4	3,938.63	1/4	3,572.20	1/4	3,205.77	1/4	2,839.34
1/2		1/2		1/2		1/2	5,030.30	1/2	4,663.87	1/2	4,297.44	1/2	3,931.00	1/2	3,564.57	1/2	3,198.13	1/2	2,831.70
3/4		3/4		3/4		3/4	5,022.66	3/4	4,656.23	3/4	4,289.80	3/4	3,923.37	3/4	3,556.94	3/4	3,190.50	3/4	2,824.07
2		2		2		2	5,015.03	2	4,648.60	2	4,282.17	2	3,915.73	2	3,549.30	2	3,182.87	2	2,816.44
1/4		1/4		1/4		1/4	5,007.40	1/4	4,640.97	1/4	4,274.53	1/4	3,908.10	1/4	3,541.67	1/4	3,175.23	1/4	2,808.80
1/2		1/2		1/2		1/2	4,999.76	1/2	4,633.33	1/2	4,266.90	1/2	3,900.46	1/2	3,534.03	1/2	3,167.60	1/2	2,801.17
3/4		3/4		3/4		3/4	4,992.13	3/4	4,625.70	3/4	4,259.26	3/4	3,892.83	3/4	3,526.40	3/4	3,159.97	3/4	2,793.54
3		3		3		3	4,984.50	3	4,618.07	3	4,251.63	3	3,885.20	3	3,518.76	3	3,152.33	3	2,785.90
1/4		1/4		1/4		1/4	4,976.86	1/4	4,610.43	1/4	4,244.00	1/4	3,877.56	1/4	3,511.13	1/4	3,144.70	1/4	2,778.27
1/2		1/2		1/2		1/2	4,969.23	1/2	4,602.80	1/2	4,236.36	1/2	3,869.93	1/2	3,503.49	1/2	3,137.06	1/2	2,770.63
3/4		3/4		3/4		3/4	4,961.59	3/4	4,595.16	3/4	4,228.73	3/4	3,862.30	3/4	3,495.86	3/4	3,129.43	3/4	2,763.00
4		4		4		4	4,953.96	4	4,587.53	4	4,221.10	4	3,854.66	4	3,488.23	4	3,121.80	4	2,755.36
1/4		1/4		1/4		1/4	4,946.33	1/4	4,579.89	1/4	4,213.46	1/4	3,847.03	1/4	3,480.59	1/4	3,114.16	1/4	2,747.73
1/2		1/2		1/2	5,201.93	1/2	4,938.69	1/2	4,572.26	1/2	4,205.83	1/2	3,839.39	1/2	3,472.96	1/2	3,106.53	1/2	2,740.09
3/4		3/4		3/4	5,201.52	3/4	4,931.06	3/4	4,564.62	3/4	4,198.19	3/4	3,831.76	3/4	3,465.33	3/4	3,098.90	3/4	2,732.46
5		5		5	5,200.61	5	4,923.43	5	4,556.99	5	4,190.56	5	3,824.12	5	3,457.69	5	3,091.26	5	2,724.83
1/4		1/4		1/4	5,199.69	1/4	4,915.79	1/4	4,549.36	1/4	4,182.93	1/4	3,816.49	1/4	3,450.06	1/4	3,083.63	1/4	2,717.19
1/2		1/2		1/2	5,198.78	1/2	4,908.16	1/2	4,541.72	1/2	4,175.29	1/2	3,808.85	1/2	3,442.42	1/2	3,075.99	1/2	2,709.56
3/4		3/4		3/4	5,197.86	3/4	4,900.52	3/4	4,534.09	3/4	4,167.66	3/4	3,801.22	3/4	3,434.79	3/4	3,068.36	3/4	2,701.93
6		6		6	5,195.89	6	4,892.89	6	4,526.46	6	4,160.03	6	3,793.59	6	3,427.16	6	3,060.72	6	2,694.29
1/4		1/4		1/4	5,193.91	1/4	4,885.25	1/4	4,518.82	1/4	4,152.39	1/4	3,785.95	1/4	3,419.52	1/4	3,053.09	1/4	2,686.66
1/2		1/2		1/2	5,191.94	1/2	4,877.62	1/2	4,511.19	1/2	4,144.76	1/2	3,778.32	1/2	3,411.89	1/2	3,045.45	1/2	2,679.02
3/4		3/4		3/4	5,189.96	3/4	4,869.98	3/4	4,503.55	3/4	4,137.12	3/4	3,770.69	3/4	3,404.26	3/4	3,037.82	3/4	2,671.39
7		7		7	5,186.86	7	4,862.35	7	4,495.92	7	4,129.49	7	3,763.05	7	3,396.62	7	3,030.19	7	2,663.76
1/4		1/4		1/4	5,183.75	1/4	4,854.72	1/4	4,488.29	1/4	4,121.85	1/4	3,755.42	1/4	3,388.99	1/4	3,022.55	1/4	2,656.12
1/2		1/2		1/2	5,180.65	1/2	4,847.08	1/2	4,480.65	1/2	4,114.22	1/2	3,747.78	1/2	3,381.35	1/2	3,014.92	1/2	2,648.49
3/4		3/4		3/4	5,177.54	3/4	4,839.45	3/4	4,473.02	3/4	4,106.58	3/4	3,740.15	3/4	3,373.72	3/4	3,007.29	3/4	2,640.86
8		8		8	5,173.31	8	4,831.82	8	4,465.39	8	4,098.95	8	3,732.52	8	3,366.08	8	2,999.65	8	2,633.22
1/4		1/4		1/4	5,169.07	1/4	4,824.18	1/4	4,457.75	1/4	4,091.32	1/4	3,724.88	1/4	3,358.45	1/4	2,992.02	1/4	2,625.59
1/2		1/2		1/2	5,164.84	1/2	4,816.55	1/2	4,450.12	1/2	4,083.68	1/2	3,717.25	1/2	3,350.81	1/2	2,984.38	1/2	2,617.95
3/4		3/4		3/4	5,160.60	3/4	4,808.91	3/4	4,442.48	3/4	4,076.05	3/4	3,709.62	3/4	3,343.18	3/4	2,976.75	3/4	2,610.32
9		9		9	5,155.23	9	4,801.28	9	4,434.85	9	4,068.42	9	3,701.98	9	3,335.55	9	2,969.12	9	2,602.68
1/4		1/4		1/4	5,149.87	1/4	4,793.65	1/4	4,427.21	1/4	4,060.78	1/4	3,694.35	1/4	3,327.91	1/4	2,961.48	1/4	2,595.05
1/2		1/2		1/2	5,144.50	1/2	4,786.01	1/2	4,419.58	1/2	4,053.15	1/2	3,686.71	1/2	3,320.28	1/2	2,953.85	1/2	2,587.41
3/4		3/4		3/4	5,139.13	3/4	4,778.38	3/4	4,411.94	3/4	4,045.51	3/4	3,679.08	3/4	3,312.65	3/4	2,946.22	3/4	2,579.78
10		10		10	5,132.63	10	4,770.75	10	4,404.31	10	4,037.88	10	3,671.44	10	3,305.01	10	2,938.58	10	2,572.15
1/4		1/4		1/4	5,126.13	1/4	4,763.11	1/4	4,396.68	1/4	4,030.25	1/4	3,663.81	1/4	3,297.38	1/4	2,930.95	1/4	2,564.51
1/2		1/2		1/2	5,119.63	1/2	4,755.48	1/2	4,389.04	1/2	4,022.61	1/2	3,656.17	1/2	3,289.74	1/2	2,923.31	1/2	2,556.88
3/4		3/4		3/4	5,113.13	3/4	4,747.84	3/4	4,381.41	3/4	4,014.98	3/4	3,648.54	3/4	3,282.11	3/4	2,915.68	3/4	2,549.25
11		11		11	5,105.78	11	4,740.21	11	4,373.78	11	4,007.35	11	3,640.91	11	3,274.48	11	2,908.04	11	2,541.61
1/4		1/4		1/4	5,098.44	1/4	4,732.57	1/4	4,366.14	1/4	3,999.71	1/4	3,633.27	1/4	3,266.84	1/4	2,900.41	1/4	2,533.98
1/2		1/2		1/2	5,091.09	1/2	4,724.94	1/2	4,358.51	1/2	3,992.08	1/2	3,625.64	1/2	3,259.21	1/2	2,892.77	1/2	2,526.34
3/4		3/4		3/4	5,083.74	3/4	4,717.30	3/4	4,350.87	3/4	3,984.44	3/4	3,618.01	3/4	3,251.58	3/4	2,885.14	3/4	2,518.71

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MMI 3037"

**1 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,511.08	0	2,144.64	0	1,778.21	0	1,411.78	0	1,045.35	0	678.92	0	318.40	0		0		0	
1/4	2,503.44	1/4	2,137.01	1/4	1,770.58	1/4	1,404.15	1/4	1,037.71	1/4	671.28	1/4	311.20	1/4		1/4		1/4	
1/2	2,495.81	1/2	2,129.37	1/2	1,762.94	1/2	1,396.51	1/2	1,030.08	1/2	663.65	1/2	304.01	1/2		1/2		1/2	
3/4	2,488.18	3/4	2,121.74	3/4	1,755.31	3/4	1,388.88	3/4	1,022.45	3/4	656.02	3/4	296.82	3/4		3/4		3/4	
1	2,480.54	1	2,114.11	1	1,747.68	1	1,381.24	1	1,014.81	1	648.38	1	289.69	1		1		1	
1/4	2,472.91	1/4	2,106.47	1/4	1,740.04	1/4	1,373.61	1/4	1,007.18	1/4	640.75	1/4	282.55	1/4		1/4		1/4	
1/2	2,465.27	1/2	2,098.84	1/2	1,732.41	1/2	1,365.97	1/2	999.54	1/2	633.11	1/2	275.42	1/2		1/2		1/2	
3/4	2,457.64	3/4	2,091.21	3/4	1,724.78	3/4	1,358.34	3/4	991.91	3/4	625.48	3/4	268.29	3/4		3/4		3/4	
2	2,450.00	2	2,083.57	2	1,717.14	2	1,350.71	2	984.28	2	617.84	2	261.22	2		2		2	
1/4	2,442.37	1/4	2,075.94	1/4	1,709.51	1/4	1,343.07	1/4	976.64	1/4	610.21	1/4	254.15	1/4		1/4		1/4	
1/2	2,434.73	1/2	2,068.30	1/2	1,701.87	1/2	1,335.44	1/2	969.01	1/2	602.57	1/2	247.09	1/2		1/2		1/2	
3/4	2,427.10	3/4	2,060.67	3/4	1,694.24	3/4	1,327.81	3/4	961.38	3/4	594.94	3/4	240.02	3/4		3/4		3/4	
3	2,419.47	3	2,053.04	3	1,686.60	3	1,320.17	3	953.74	3	587.31	3	233.01	3		3		3	
1/4	2,411.83	1/4	2,045.40	1/4	1,678.97	1/4	1,312.54	1/4	946.11	1/4	579.67	1/4	226.01	1/4		1/4		1/4	
1/2	2,404.20	1/2	2,037.77	1/2	1,671.33	1/2	1,304.90	1/2	938.47	1/2	572.04	1/2	219.00	1/2		1/2		1/2	
3/4	2,396.57	3/4	2,030.14	3/4	1,663.70	3/4	1,297.27	3/4	930.84	3/4	564.41	3/4	212.00	3/4		3/4		3/4	
4	2,388.93	4	2,022.50	4	1,656.07	4	1,289.64	4	923.20	4	556.77	4	205.05	4		4		4	
1/4	2,381.30	1/4	2,014.87	1/4	1,648.43	1/4	1,282.00	1/4	915.57	1/4	549.14	1/4	198.11	1/4		1/4		1/4	
1/2	2,373.66	1/2	2,007.23	1/2	1,640.80	1/2	1,274.37	1/2	907.93	1/2	541.50	1/2	191.16	1/2		1/2		1/2	
3/4	2,366.03	3/4	1,999.60	3/4	1,633.17	3/4	1,266.74	3/4	900.30	3/4	533.87	3/4	184.22	3/4		3/4		3/4	
5	2,358.40	5	1,991.96	5	1,625.53	5	1,259.10	5	892.67	5	526.27	5	177.34	5		5		5	
1/4	2,350.76	1/4	1,984.33	1/4	1,617.90	1/4	1,251.47	1/4	885.03	1/4	518.67	1/4	170.45	1/4		1/4		1/4	
1/2	2,343.13	1/2	1,976.69	1/2	1,610.26	1/2	1,243.83	1/2	877.40	1/2	511.07	1/2	163.57	1/2		1/2		1/2	
3/4	2,335.50	3/4	1,969.06	3/4	1,602.63	3/4	1,236.20	3/4	869.77	3/4	503.47	3/4	156.69	3/4		3/4		3/4	
6	2,327.86	6	1,961.43	6	1,595.00	6	1,228.56	6	862.13	6	495.90	6	149.87	6		6		6	
1/4	2,320.23	1/4	1,953.79	1/4	1,587.36	1/4	1,220.93	1/4	854.50	1/4	488.33	1/4	143.05	1/4		1/4		1/4	
1/2	2,312.59	1/2	1,946.16	1/2	1,579.73	1/2	1,213.29	1/2	846.86	1/2	480.77	1/2	136.23	1/2		1/2		1/2	
3/4	2,304.96	3/4	1,938.53	3/4	1,572.10	3/4	1,205.66	3/4	839.23	3/4	473.20	3/4	129.41	3/4		3/4		3/4	
7	2,297.32	7	1,930.89	7	1,564.46	7	1,198.03	7	831.60	7	465.69	7	122.65	7		7		7	
1/4	2,289.69	1/4	1,923.26	1/4	1,556.83	1/4	1,190.39	1/4	823.96	1/4	458.19	1/4	115.89	1/4		1/4		1/4	
1/2	2,282.05	1/2	1,915.62	1/2	1,549.19	1/2	1,182.76	1/2	816.33	1/2	450.68	1/2	109.14	1/2		1/2		1/2	
3/4	2,274.42	3/4	1,907.99	3/4	1,541.56	3/4	1,175.13	3/4	808.70	3/4	443.18	3/4	102.38	3/4		3/4		3/4	
8	2,266.79	8	1,900.36	8	1,533.92	8	1,167.49	8	801.06	8	435.74	8	95.68	8		8		8	
1/4	2,259.15	1/4	1,892.72	1/4	1,526.29	1/4	1,159.86	1/4	793.43	1/4	428.29	1/4	88.99	1/4		1/4		1/4	
1/2	2,251.52	1/2	1,885.09	1/2	1,518.65	1/2	1,152.22	1/2	785.79	1/2	420.85	1/2	82.29	1/2		1/2		1/2	
3/4	2,243.89	3/4	1,877.46	3/4	1,511.02	3/4	1,144.59	3/4	778.16	3/4	413.41	3/4	75.60	3/4		3/4		3/4	
9	2,236.25	9	1,869.82	9	1,503.39	9	1,136.96	9	770.52	9	406.03	9	68.96	9		9		9	
1/4	2,228.62	1/4	1,862.19	1/4	1,495.75	1/4	1,129.32	1/4	762.89	1/4	398.65	1/4	62.33	1/4		1/4		1/4	
1/2	2,220.98	1/2	1,854.55	1/2	1,488.12	1/2	1,121.69	1/2	755.25	1/2	391.27	1/2	55.69	1/2		1/2		1/2	
3/4	2,213.35	3/4	1,846.92	3/4	1,480.49	3/4	1,114.06	3/4	747.62	3/4	383.89	3/4	49.06	3/4		3/4		3/4	
10	2,205.72	10	1,839.28	10	1,472.85	10	1,106.42	10	739.99	10	376.57	10	43.57	10		10		10	
1/4	2,198.08	1/4	1,831.65	1/4	1,465.22	1/4	1,098.79	1/4	732.35	1/4	369.25	1/4	38.07	1/4		1/4		1/4	
1/2	2,190.45	1/2	1,824.01	1/2	1,457.58	1/2	1,091.15	1/2	724.72	1/2	361.94	1/2	32.58	1/2		1/2		1/2	
3/4	2,182.82	3/4	1,816.38	3/4	1,449.95	3/4	1,083.52	3/4	717.09	3/4	354.62	3/4	27.09	3/4		3/4		3/4	
11	2,175.18	11	1,808.75	11	1,442.32	11	1,075.88	11	709.45	11	347.36	11		11		11		11	
1/4	2,167.55	1/4	1,801.11	1/4	1,434.68	1/4	1,068.25	1/4	701.82	1/4	340.10	1/4		1/4		1/4		1/4	
1/2	2,159.91	1/2	1,793.48	1/2	1,427.05	1/2	1,060.61	1/2	694.18	1/2	332.85	1/2		1/2		1/2		1/2	
3/4	2,152.28	3/4	1,785.85	3/4	1,419.42	3/4	1,052.98	3/4	686.55	3/4	325.59	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/31/2003 INSP.
RECALCULATED: 10/26/2018
VERIFIED: 12/01/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MMI 3037"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,806.76	0	4,463.26	0	4,118.32	0	3,773.40	0	3,428.47	0	3,083.54	0	2,738.62
1/4		1/4		1/4		1/4	4,799.60	1/4	4,456.07	1/4	4,111.14	1/4	3,766.21	1/4	3,421.28	1/4	3,076.35	1/4	2,731.43
1/2		1/2		1/2		1/2	4,792.45	1/2	4,448.88	1/2	4,103.95	1/2	3,759.03	1/2	3,414.10	1/2	3,069.17	1/2	2,724.24
3/4		3/4		3/4		3/4	4,785.30	3/4	4,441.70	3/4	4,096.76	3/4	3,751.84	3/4	3,406.91	3/4	3,061.98	3/4	2,717.06
1		1		1		1	4,778.15	1	4,434.51	1	4,089.58	1	3,744.65	1	3,399.72	1	3,054.80	1	2,709.87
1/4		1/4		1/4		1/4	4,770.99	1/4	4,427.33	1/4	4,082.39	1/4	3,737.47	1/4	3,392.54	1/4	3,047.61	1/4	2,702.69
1/2		1/2		1/2		1/2	4,763.84	1/2	4,420.14	1/2	4,075.21	1/2	3,730.28	1/2	3,385.35	1/2	3,040.43	1/2	2,695.50
3/4		3/4		3/4		3/4	4,756.69	3/4	4,412.95	3/4	4,068.02	3/4	3,723.09	3/4	3,378.16	3/4	3,033.24	3/4	2,688.31
2		2		2		2	4,749.54	2	4,405.77	2	4,060.84	2	3,715.91	2	3,370.98	2	3,026.05	2	2,681.13
1/4		1/4		1/4		1/4	4,742.38	1/4	4,398.58	1/4	4,053.65	1/4	3,708.72	1/4	3,363.79	1/4	3,018.87	1/4	2,673.94
1/2		1/2		1/2		1/2	4,735.23	1/2	4,391.39	1/2	4,046.47	1/2	3,701.54	1/2	3,356.61	1/2	3,011.68	1/2	2,666.75
3/4		3/4		3/4		3/4	4,728.08	3/4	4,384.21	3/4	4,039.28	3/4	3,694.35	3/4	3,349.42	3/4	3,004.49	3/4	2,659.57
3		3		3		3	4,720.93	3	4,377.02	3	4,032.09	3	3,687.16	3	3,342.24	3	2,997.31	3	2,652.38
1/4		1/4		1/4		1/4	4,713.78	1/4	4,369.84	1/4	4,024.91	1/4	3,679.98	1/4	3,335.05	1/4	2,990.12	1/4	2,645.20
1/2		1/2		1/2		1/2	4,706.63	1/2	4,362.65	1/2	4,017.72	1/2	3,672.79	1/2	3,327.87	1/2	2,982.94	1/2	2,638.01
3/4		3/4		3/4		3/4	4,699.48	3/4	4,355.47	3/4	4,010.53	3/4	3,665.60	3/4	3,320.68	3/4	2,975.75	3/4	2,630.83
4		4		4		4	4,692.33	4	4,348.28	4	4,003.35	4	3,658.42	4	3,313.49	4	2,968.56	4	2,623.64
1/4		1/4		1/4		1/4	4,685.17	1/4	4,341.10	1/4	3,996.16	1/4	3,651.23	1/4	3,306.31	1/4	2,961.38	1/4	2,616.46
1/2		1/2		1/2	4,931.93	1/2	4,678.02	1/2	4,333.91	1/2	3,988.98	1/2	3,644.05	1/2	3,299.12	1/2	2,954.19	1/2	2,609.27
3/4		3/4		3/4	4,931.07	3/4	4,670.87	3/4	4,326.72	3/4	3,981.79	3/4	3,636.86	3/4	3,291.93	3/4	2,947.00	3/4	2,602.08
5		5		5	4,930.20	5	4,663.72	5	4,319.54	5	3,974.60	5	3,629.68	5	3,284.75	5	2,939.82	5	2,594.90
1/4		1/4		1/4	4,929.34	1/4	4,656.56	1/4	4,312.35	1/4	3,967.42	1/4	3,622.49	1/4	3,277.56	1/4	2,932.63	1/4	2,587.71
1/2		1/2		1/2	4,928.47	1/2	4,649.41	1/2	4,305.16	1/2	3,960.23	1/2	3,615.31	1/2	3,270.38	1/2	2,925.45	1/2	2,580.52
3/4		3/4		3/4	4,926.61	3/4	4,642.26	3/4	4,297.98	3/4	3,953.04	3/4	3,608.12	3/4	3,263.19	3/4	2,918.26	3/4	2,573.34
6		6		6	4,924.74	6	4,635.11	6	4,290.79	6	3,945.86	6	3,600.93	6	3,256.00	6	2,911.08	6	2,566.15
1/4		1/4		1/4	4,922.88	1/4	4,627.95	1/4	4,283.61	1/4	3,938.67	1/4	3,593.75	1/4	3,248.82	1/4	2,903.89	1/4	2,558.97
1/2		1/2		1/2	4,921.01	1/2	4,620.80	1/2	4,276.42	1/2	3,931.49	1/2	3,586.56	1/2	3,241.63	1/2	2,896.71	1/2	2,551.78
3/4		3/4		3/4	4,918.08	3/4	4,613.65	3/4	4,269.23	3/4	3,924.30	3/4	3,579.37	3/4	3,234.44	3/4	2,889.52	3/4	2,544.59
7		7		7	4,915.15	7	4,606.50	7	4,262.04	7	3,917.12	7	3,572.19	7	3,227.26	7	2,882.34	7	2,537.41
1/4		1/4		1/4	4,912.22	1/4	4,599.34	1/4	4,254.86	1/4	3,909.93	1/4	3,565.00	1/4	3,220.07	1/4	2,875.15	1/4	2,530.22
1/2		1/2		1/2	4,909.29	1/2	4,592.19	1/2	4,247.67	1/2	3,902.75	1/2	3,557.82	1/2	3,212.89	1/2	2,867.96	1/2	2,523.03
3/4		3/4		3/4	4,905.29	3/4	4,585.04	3/4	4,240.48	3/4	3,895.56	3/4	3,550.63	3/4	3,205.70	3/4	2,860.78	3/4	2,515.85
8		8		8	4,901.29	8	4,577.89	8	4,233.30	8	3,888.37	8	3,543.44	8	3,198.52	8	2,853.59	8	2,508.66
1/4		1/4		1/4	4,897.29	1/4	4,570.74	1/4	4,226.11	1/4	3,881.19	1/4	3,536.26	1/4	3,191.33	1/4	2,846.41	1/4	2,501.48
1/2		1/2		1/2	4,893.29	1/2	4,563.59	1/2	4,218.93	1/2	3,874.00	1/2	3,529.07	1/2	3,184.15	1/2	2,839.22	1/2	2,494.29
3/4		3/4		3/4	4,888.23	3/4	4,556.44	3/4	4,211.74	3/4	3,866.81	3/4	3,521.88	3/4	3,176.96	3/4	2,832.03	3/4	2,487.11
9		9		9	4,883.16	9	4,549.29	9	4,204.56	9	3,859.63	9	3,514.70	9	3,169.77	9	2,824.85	9	2,479.92
1/4		1/4		1/4	4,878.10	1/4	4,542.13	1/4	4,197.37	1/4	3,852.44	1/4	3,507.51	1/4	3,162.59	1/4	2,817.66	1/4	2,472.74
1/2		1/2		1/2	4,873.03	1/2	4,534.98	1/2	4,190.19	1/2	3,845.26	1/2	3,500.33	1/2	3,155.40	1/2	2,810.47	1/2	2,465.55
3/4		3/4		3/4	4,866.92	3/4	4,527.83	3/4	4,183.00	3/4	3,838.07	3/4	3,493.14	3/4	3,148.21	3/4	2,803.29	3/4	2,458.36
10		10		10	4,860.81	10	4,520.68	10	4,175.81	10	3,830.88	10	3,485.96	10	3,141.03	10	2,796.10	10	2,451.18
1/4		1/4		1/4	4,854.70	1/4	4,513.52	1/4	4,168.63	1/4	3,823.70	1/4	3,478.77	1/4	3,133.84	1/4	2,788.92	1/4	2,443.99
1/2		1/2		1/2	4,848.59	1/2	4,506.37	1/2	4,161.44	1/2	3,816.51	1/2	3,471.59	1/2	3,126.66	1/2	2,781.73	1/2	2,436.80
3/4		3/4		3/4	4,841.71	3/4	4,499.19	3/4	4,154.25	3/4	3,809.32	3/4	3,464.40	3/4	3,119.47	3/4	2,774.55	3/4	2,429.62
11		11		11	4,834.83	11	4,492.00	11	4,147.07	11	3,802.14	11	3,457.21	11	3,112.28	11	2,767.36	11	2,422.43
1/4		1/4		1/4	4,827.94	1/4	4,484.82	1/4	4,139.88	1/4	3,794.95	1/4	3,450.03	1/4	3,105.10	1/4	2,760.18	1/4	2,415.25
1/2		1/2		1/2	4,821.06	1/2	4,477.63	1/2	4,132.70	1/2	3,787.77	1/2	3,442.84	1/2	3,097.91	1/2	2,752.99	1/2	2,408.06
3/4		3/4		3/4	4,813.91	3/4	4,470.44	3/4	4,125.51	3/4	3,780.58	3/4	3,435.65	3/4	3,090.72	3/4	2,745.80	3/4	2,400.87

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MMI 3037"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,393.69	0	2,048.76	0	1,703.83	0	1,358.90	0	1,013.98	0	669.05	0	324.12	0		0		0	
1/4	2,386.50	1/4	2,041.58	1/4	1,696.65	1/4	1,351.72	1/4	1,006.79	1/4	661.86	1/4	316.94	1/4		1/4		1/4	
1/2	2,379.31	1/2	2,034.39	1/2	1,689.46	1/2	1,344.53	1/2	999.60	1/2	654.67	1/2	309.75	1/2		1/2		1/2	
3/4	2,372.13	3/4	2,027.20	3/4	1,682.27	3/4	1,337.35	3/4	992.42	3/4	647.49	3/4	302.56	3/4		3/4		3/4	
1	2,364.94	1	2,020.02	1	1,675.09	1	1,330.16	1	985.23	1	640.30	1	295.38	1		1		1	
1/4	2,357.76	1/4	2,012.83	1/4	1,667.90	1/4	1,322.98	1/4	978.05	1/4	633.12	1/4	288.19	1/4		1/4		1/4	
1/2	2,350.57	1/2	2,005.64	1/2	1,660.71	1/2	1,315.79	1/2	970.86	1/2	625.93	1/2	281.00	1/2		1/2		1/2	
3/4	2,343.39	3/4	1,998.46	3/4	1,653.53	3/4	1,308.60	3/4	963.67	3/4	618.75	3/4	273.82	3/4		3/4		3/4	
2	2,336.20	2	1,991.27	2	1,646.34	2	1,301.42	2	956.49	2	611.56	2	266.63	2		2		2	
1/4	2,329.02	1/4	1,984.09	1/4	1,639.16	1/4	1,294.23	1/4	949.30	1/4	604.38	1/4	259.45	1/4		1/4		1/4	
1/2	2,321.83	1/2	1,976.90	1/2	1,631.97	1/2	1,287.04	1/2	942.11	1/2	597.19	1/2	252.26	1/2		1/2		1/2	
3/4	2,314.64	3/4	1,969.71	3/4	1,624.79	3/4	1,279.86	3/4	934.93	3/4	590.00	3/4	245.07	3/4		3/4		3/4	
3	2,307.46	3	1,962.53	3	1,617.60	3	1,272.67	3	927.74	3	582.82	3	237.89	3		3		3	
1/4	2,300.27	1/4	1,955.34	1/4	1,610.42	1/4	1,265.49	1/4	920.56	1/4	575.63	1/4	230.70	1/4		1/4		1/4	
1/2	2,293.08	1/2	1,948.15	1/2	1,603.23	1/2	1,258.30	1/2	913.37	1/2	568.44	1/2	223.51	1/2		1/2		1/2	
3/4	2,285.90	3/4	1,940.97	3/4	1,596.04	3/4	1,251.11	3/4	906.19	3/4	561.26	3/4	216.33	3/4		3/4		3/4	
4	2,278.71	4	1,933.78	4	1,588.86	4	1,243.93	4	899.00	4	554.07	4	209.14	4		4		4	
1/4	2,271.53	1/4	1,926.60	1/4	1,581.67	1/4	1,236.74	1/4	891.82	1/4	546.89	1/4	201.96	1/4		1/4		1/4	
1/2	2,264.34	1/2	1,919.41	1/2	1,574.48	1/2	1,229.55	1/2	884.63	1/2	539.70	1/2	194.77	1/2		1/2		1/2	
3/4	2,257.15	3/4	1,912.23	3/4	1,567.30	3/4	1,222.37	3/4	877.44	3/4	532.51	3/4	187.59	3/4		3/4		3/4	
5	2,249.97	5	1,905.04	5	1,560.11	5	1,215.18	5	870.26	5	525.33	5	180.40	5		5		5	
1/4	2,242.78	1/4	1,897.86	1/4	1,552.93	1/4	1,208.00	1/4	863.07	1/4	518.14	1/4	173.22	1/4		1/4		1/4	
1/2	2,235.59	1/2	1,890.67	1/2	1,545.74	1/2	1,200.81	1/2	855.88	1/2	510.95	1/2	166.03	1/2		1/2		1/2	
3/4	2,228.41	3/4	1,883.48	3/4	1,538.55	3/4	1,193.63	3/4	848.70	3/4	503.77	3/4	158.84	3/4		3/4		3/4	
6	2,221.22	6	1,876.30	6	1,531.37	6	1,186.44	6	841.51	6	496.58	6	151.66	6		6		6	
1/4	2,214.04	1/4	1,869.11	1/4	1,524.18	1/4	1,179.26	1/4	834.33	1/4	489.40	1/4	144.47	1/4		1/4		1/4	
1/2	2,206.85	1/2	1,861.92	1/2	1,516.99	1/2	1,172.07	1/2	827.14	1/2	482.21	1/2	137.28	1/2		1/2		1/2	
3/4	2,199.67	3/4	1,854.74	3/4	1,509.81	3/4	1,164.88	3/4	819.95	3/4	475.03	3/4	130.10	3/4		3/4		3/4	
7	2,192.48	7	1,847.55	7	1,502.62	7	1,157.70	7	812.77	7	467.84	7	122.91	7		7		7	
1/4	2,185.30	1/4	1,840.37	1/4	1,495.44	1/4	1,150.51	1/4	805.58	1/4	460.66	1/4	115.73	1/4		1/4		1/4	
1/2	2,178.11	1/2	1,833.18	1/2	1,488.25	1/2	1,143.32	1/2	798.39	1/2	453.47	1/2	108.54	1/2		1/2		1/2	
3/4	2,170.92	3/4	1,825.99	3/4	1,481.07	3/4	1,136.14	3/4	791.21	3/4	446.28	3/4	101.35	3/4		3/4		3/4	
8	2,163.74	8	1,818.81	8	1,473.88	8	1,128.95	8	784.02	8	439.10	8	94.17	8		8		8	
1/4	2,156.55	1/4	1,811.62	1/4	1,466.70	1/4	1,121.77	1/4	776.84	1/4	431.91	1/4	86.98	1/4		1/4		1/4	
1/2	2,149.36	1/2	1,804.43	1/2	1,459.51	1/2	1,114.58	1/2	769.65	1/2	424.72	1/2	79.79	1/2		1/2		1/2	
3/4	2,142.18	3/4	1,797.25	3/4	1,452.32	3/4	1,107.39	3/4	762.47	3/4	417.54	3/4	72.61	3/4		3/4		3/4	
9	2,134.99	9	1,790.06	9	1,445.14	9	1,100.21	9	755.28	9	410.35	9	65.42	9		9		9	
1/4	2,127.81	1/4	1,782.88	1/4	1,437.95	1/4	1,093.02	1/4	748.10	1/4	403.17	1/4	58.24	1/4		1/4		1/4	
1/2	2,120.62	1/2	1,775.69	1/2	1,430.76	1/2	1,085.83	1/2	740.91	1/2	395.98	1/2	51.05	1/2		1/2		1/2	
3/4	2,113.43	3/4	1,768.51	3/4	1,423.58	3/4	1,078.65	3/4	733.72	3/4	388.79	3/4	45.14	3/4		3/4		3/4	
10	2,106.25	10	1,761.32	10	1,416.39	10	1,071.46	10	726.54	10	381.61	10	39.22	10		10		10	
1/4	2,099.06	1/4	1,754.14	1/4	1,409.21	1/4	1,064.28	1/4	719.35	1/4	374.42	1/4	33.31	1/4		1/4		1/4	
1/2	2,091.87	1/2	1,746.95	1/2	1,402.02	1/2	1,057.09	1/2	712.16	1/2	367.23	1/2	27.39	1/2		1/2		1/2	
3/4	2,084.69	3/4	1,739.76	3/4	1,394.83	3/4	1,049.91	3/4	704.98	3/4	360.05	3/4	27.00	3/4		3/4		3/4	
11	2,077.50	11	1,732.58	11	1,387.65	11	1,042.72	11	697.79	11	352.86	11		11		11		11	
1/4	2,070.32	1/4	1,725.39	1/4	1,380.46	1/4	1,035.54	1/4	690.61	1/4	345.68	1/4		1/4		1/4		1/4	
1/2	2,063.13	1/2	1,718.20	1/2	1,373.27	1/2	1,028.35	1/2	683.42	1/2	338.49	1/2		1/2		1/2		1/2	
3/4	2,055.95	3/4	1,711.02	3/4	1,366.09	3/4	1,021.16	3/4	676.23	3/4	331.31	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/31/2003 INSP.
RECALCULATED: 10/26/2018
VERIFIED: 12/01/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MMI 3037"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,821.06	0	4,477.63	0	4,132.70	0	3,787.77	0	3,442.84	0	3,097.91	0	2,752.99
1/4		1/4		1/4		1/4	4,813.91	1/4	4,470.44	1/4	4,125.51	1/4	3,780.58	1/4	3,435.65	1/4	3,090.72	1/4	2,745.80
1/2		1/2		1/2		1/2	4,806.76	1/2	4,463.26	1/2	4,118.32	1/2	3,773.40	1/2	3,428.47	1/2	3,083.54	1/2	2,738.62
3/4		3/4		3/4		3/4	4,799.60	3/4	4,456.07	3/4	4,111.14	3/4	3,766.21	3/4	3,421.28	3/4	3,076.35	3/4	2,731.43
1		1		1		1	4,792.45	1	4,448.88	1	4,103.95	1	3,759.03	1	3,414.10	1	3,069.17	1	2,724.24
1/4		1/4		1/4		1/4	4,785.30	1/4	4,441.70	1/4	4,096.76	1/4	3,751.84	1/4	3,406.91	1/4	3,061.98	1/4	2,717.06
1/2		1/2		1/2		1/2	4,778.15	1/2	4,434.51	1/2	4,089.58	1/2	3,744.65	1/2	3,399.72	1/2	3,054.80	1/2	2,709.87
3/4		3/4		3/4		3/4	4,770.99	3/4	4,427.33	3/4	4,082.39	3/4	3,737.47	3/4	3,392.54	3/4	3,047.61	3/4	2,702.69
2		2		2		2	4,763.84	2	4,420.14	2	4,075.21	2	3,730.28	2	3,385.35	2	3,040.43	2	2,695.50
1/4		1/4		1/4		1/4	4,756.69	1/4	4,412.95	1/4	4,068.02	1/4	3,723.09	1/4	3,378.16	1/4	3,033.24	1/4	2,688.31
1/2		1/2		1/2		1/2	4,749.54	1/2	4,405.77	1/2	4,060.84	1/2	3,715.91	1/2	3,370.98	1/2	3,026.05	1/2	2,681.13
3/4		3/4		3/4		3/4	4,742.38	3/4	4,398.58	3/4	4,053.65	3/4	3,708.72	3/4	3,363.79	3/4	3,018.87	3/4	2,673.94
3		3		3		3	4,735.23	3	4,391.39	3	4,046.47	3	3,701.54	3	3,356.61	3	3,011.68	3	2,666.75
1/4		1/4		1/4		1/4	4,728.08	1/4	4,384.21	1/4	4,039.28	1/4	3,694.35	1/4	3,349.42	1/4	3,004.49	1/4	2,659.57
1/2		1/2		1/2		1/2	4,720.93	1/2	4,377.02	1/2	4,032.09	1/2	3,687.16	1/2	3,342.24	1/2	2,997.31	1/2	2,652.38
3/4		3/4		3/4		3/4	4,713.78	3/4	4,369.84	3/4	4,024.91	3/4	3,679.98	3/4	3,335.05	3/4	2,990.12	3/4	2,645.20
4		4		4		4	4,706.63	4	4,362.65	4	4,017.72	4	3,672.79	4	3,327.87	4	2,982.94	4	2,638.01
1/4		1/4		1/4		1/4	4,699.48	1/4	4,355.47	1/4	4,010.53	1/4	3,665.60	1/4	3,320.68	1/4	2,975.75	1/4	2,630.83
1/2		1/2		1/2		1/2	4,692.33	1/2	4,348.28	1/2	4,003.35	1/2	3,658.42	1/2	3,313.49	1/2	2,968.56	1/2	2,623.64
3/4		3/4		3/4		3/4	4,685.17	3/4	4,341.10	3/4	3,996.16	3/4	3,651.23	3/4	3,306.31	3/4	2,961.38	3/4	2,616.46
5		5		5	4,931.93	5	4,678.02	5	4,333.91	5	3,988.98	5	3,644.05	5	3,299.12	5	2,954.19	5	2,609.27
1/4		1/4		1/4	4,931.07	1/4	4,670.87	1/4	4,326.72	1/4	3,981.79	1/4	3,636.86	1/4	3,291.93	1/4	2,947.00	1/4	2,602.08
1/2		1/2		1/2	4,930.20	1/2	4,663.72	1/2	4,319.54	1/2	3,974.60	1/2	3,629.68	1/2	3,284.75	1/2	2,939.82	1/2	2,594.90
3/4		3/4		3/4	4,929.34	3/4	4,656.56	3/4	4,312.35	3/4	3,967.42	3/4	3,622.49	3/4	3,277.56	3/4	2,932.63	3/4	2,587.71
6		6		6	4,928.47	6	4,649.41	6	4,305.16	6	3,960.23	6	3,615.31	6	3,270.38	6	2,925.45	6	2,580.52
1/4		1/4		1/4	4,926.61	1/4	4,642.26	1/4	4,297.98	1/4	3,953.04	1/4	3,608.12	1/4	3,263.19	1/4	2,918.26	1/4	2,573.34
1/2		1/2		1/2	4,924.74	1/2	4,635.11	1/2	4,290.79	1/2	3,945.86	1/2	3,600.93	1/2	3,256.00	1/2	2,911.08	1/2	2,566.15
3/4		3/4		3/4	4,922.88	3/4	4,627.95	3/4	4,283.61	3/4	3,938.67	3/4	3,593.75	3/4	3,248.82	3/4	2,903.89	3/4	2,558.97
7		7		7	4,921.01	7	4,620.80	7	4,276.42	7	3,931.49	7	3,586.56	7	3,241.63	7	2,896.71	7	2,551.78
1/4		1/4		1/4	4,918.08	1/4	4,613.65	1/4	4,269.23	1/4	3,924.30	1/4	3,579.37	1/4	3,234.44	1/4	2,889.52	1/4	2,544.59
1/2		1/2		1/2	4,915.15	1/2	4,606.50	1/2	4,262.04	1/2	3,917.12	1/2	3,572.19	1/2	3,227.26	1/2	2,882.34	1/2	2,537.41
3/4		3/4		3/4	4,912.22	3/4	4,599.34	3/4	4,254.86	3/4	3,909.93	3/4	3,565.00	3/4	3,220.07	3/4	2,875.15	3/4	2,530.22
8		8		8	4,909.29	8	4,592.19	8	4,247.67	8	3,902.75	8	3,557.82	8	3,212.89	8	2,867.96	8	2,523.03
1/4		1/4		1/4	4,905.29	1/4	4,585.04	1/4	4,240.48	1/4	3,895.56	1/4	3,550.63	1/4	3,205.70	1/4	2,860.78	1/4	2,515.85
1/2		1/2		1/2	4,901.29	1/2	4,577.89	1/2	4,233.30	1/2	3,888.37	1/2	3,543.44	1/2	3,198.52	1/2	2,853.59	1/2	2,508.66
3/4		3/4		3/4	4,897.29	3/4	4,570.74	3/4	4,226.11	3/4	3,881.19	3/4	3,536.26	3/4	3,191.33	3/4	2,846.41	3/4	2,501.48
9		9		9	4,893.29	9	4,563.59	9	4,218.93	9	3,874.00	9	3,529.07	9	3,184.15	9	2,839.22	9	2,494.29
1/4		1/4		1/4	4,888.23	1/4	4,556.44	1/4	4,211.74	1/4	3,866.81	1/4	3,521.88	1/4	3,176.96	1/4	2,832.03	1/4	2,487.11
1/2		1/2		1/2	4,883.16	1/2	4,549.29	1/2	4,204.56	1/2	3,859.63	1/2	3,514.70	1/2	3,169.77	1/2	2,824.85	1/2	2,479.92
3/4		3/4		3/4	4,878.10	3/4	4,542.13	3/4	4,197.37	3/4	3,852.44	3/4	3,507.51	3/4	3,162.59	3/4	2,817.66	3/4	2,472.74
10		10		10	4,873.03	10	4,534.98	10	4,190.19	10	3,845.26	10	3,500.33	10	3,155.40	10	2,810.47	10	2,465.55
1/4		1/4		1/4	4,866.92	1/4	4,527.83	1/4	4,183.00	1/4	3,838.07	1/4	3,493.14	1/4	3,148.21	1/4	2,803.29	1/4	2,458.36
1/2		1/2		1/2	4,860.81	1/2	4,520.68	1/2	4,175.81	1/2	3,830.88	1/2	3,485.96	1/2	3,141.03	1/2	2,796.10	1/2	2,451.18
3/4		3/4		3/4	4,854.70	3/4	4,513.52	3/4	4,168.63	3/4	3,823.70	3/4	3,478.77	3/4	3,133.84	3/4	2,788.92	3/4	2,443.99
11		11		11	4,848.59	11	4,506.37	11	4,161.44	11	3,816.51	11	3,471.59	11	3,126.66	11	2,781.73	11	2,436.80
1/4		1/4		1/4	4,841.71	1/4	4,499.19	1/4	4,154.25	1/4	3,809.32	1/4	3,464.40	1/4	3,119.47	1/4	2,774.55	1/4	2,429.62
1/2		1/2		1/2	4,834.83	1/2	4,492.00	1/2	4,147.07	1/2	3,802.14	1/2	3,457.21	1/2	3,112.28	1/2	2,767.36	1/2	2,422.43
3/4		3/4		3/4	4,827.94	3/4	4,484.82	3/4	4,139.88	3/4	3,794.95	3/4	3,450.03	3/4	3,105.10	3/4	2,760.18	3/4	2,415.25

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

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MMI 3037"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,408.06	0	2,063.13	0	1,718.20	0	1,373.27	0	1,028.35	0	683.42	0	338.49	0		0		0	
1/4	2,400.87	1/4	2,055.95	1/4	1,711.02	1/4	1,366.09	1/4	1,021.16	1/4	676.23	1/4	331.31	1/4		1/4		1/4	
1/2	2,393.69	1/2	2,048.76	1/2	1,703.83	1/2	1,358.90	1/2	1,013.98	1/2	669.05	1/2	324.12	1/2		1/2		1/2	
3/4	2,386.50	3/4	2,041.58	3/4	1,696.65	3/4	1,351.72	3/4	1,006.79	3/4	661.86	3/4	316.94	3/4		3/4		3/4	
1	2,379.31	1	2,034.39	1	1,689.46	1	1,344.53	1	999.60	1	654.67	1	309.75	1		1		1	
1/4	2,372.13	1/4	2,027.20	1/4	1,682.27	1/4	1,337.35	1/4	992.42	1/4	647.49	1/4	302.56	1/4		1/4		1/4	
1/2	2,364.94	1/2	2,020.02	1/2	1,675.09	1/2	1,330.16	1/2	985.23	1/2	640.30	1/2	295.38	1/2		1/2		1/2	
3/4	2,357.76	3/4	2,012.83	3/4	1,667.90	3/4	1,322.98	3/4	978.05	3/4	633.12	3/4	288.19	3/4		3/4		3/4	
2	2,350.57	2	2,005.64	2	1,660.71	2	1,315.79	2	970.86	2	625.93	2	281.00	2		2		2	
1/4	2,343.39	1/4	1,998.46	1/4	1,653.53	1/4	1,308.60	1/4	963.67	1/4	618.75	1/4	273.82	1/4		1/4		1/4	
1/2	2,336.20	1/2	1,991.27	1/2	1,646.34	1/2	1,301.42	1/2	956.49	1/2	611.56	1/2	266.63	1/2		1/2		1/2	
3/4	2,329.02	3/4	1,984.09	3/4	1,639.16	3/4	1,294.23	3/4	949.30	3/4	604.38	3/4	259.45	3/4		3/4		3/4	
3	2,321.83	3	1,976.90	3	1,631.97	3	1,287.04	3	942.11	3	597.19	3	252.26	3		3		3	
1/4	2,314.64	1/4	1,969.71	1/4	1,624.79	1/4	1,279.86	1/4	934.93	1/4	590.00	1/4	245.07	1/4		1/4		1/4	
1/2	2,307.46	1/2	1,962.53	1/2	1,617.60	1/2	1,272.67	1/2	927.74	1/2	582.82	1/2	237.89	1/2		1/2		1/2	
3/4	2,300.27	3/4	1,955.34	3/4	1,610.42	3/4	1,265.49	3/4	920.56	3/4	575.63	3/4	230.70	3/4		3/4		3/4	
4	2,293.08	4	1,948.15	4	1,603.23	4	1,258.30	4	913.37	4	568.44	4	223.51	4		4		4	
1/4	2,285.90	1/4	1,940.97	1/4	1,596.04	1/4	1,251.11	1/4	906.19	1/4	561.26	1/4	216.33	1/4		1/4		1/4	
1/2	2,278.71	1/2	1,933.78	1/2	1,588.86	1/2	1,243.93	1/2	899.00	1/2	554.07	1/2	209.14	1/2		1/2		1/2	
3/4	2,271.53	3/4	1,926.60	3/4	1,581.67	3/4	1,236.74	3/4	891.82	3/4	546.89	3/4	201.96	3/4		3/4		3/4	
5	2,264.34	5	1,919.41	5	1,574.48	5	1,229.55	5	884.63	5	539.70	5	194.77	5		5		5	
1/4	2,257.15	1/4	1,912.23	1/4	1,567.30	1/4	1,222.37	1/4	877.44	1/4	532.51	1/4	187.59	1/4		1/4		1/4	
1/2	2,249.97	1/2	1,905.04	1/2	1,560.11	1/2	1,215.18	1/2	870.26	1/2	525.33	1/2	180.40	1/2		1/2		1/2	
3/4	2,242.78	3/4	1,897.86	3/4	1,552.93	3/4	1,208.00	3/4	863.07	3/4	518.14	3/4	173.22	3/4		3/4		3/4	
6	2,235.59	6	1,890.67	6	1,545.74	6	1,200.81	6	855.88	6	510.95	6	166.03	6		6		6	
1/4	2,228.41	1/4	1,883.48	1/4	1,538.55	1/4	1,193.63	1/4	848.70	1/4	503.77	1/4	158.84	1/4		1/4		1/4	
1/2	2,221.22	1/2	1,876.30	1/2	1,531.37	1/2	1,186.44	1/2	841.51	1/2	496.58	1/2	151.66	1/2		1/2		1/2	
3/4	2,214.04	3/4	1,869.11	3/4	1,524.18	3/4	1,179.26	3/4	834.33	3/4	489.40	3/4	144.47	3/4		3/4		3/4	
7	2,206.85	7	1,861.92	7	1,516.99	7	1,172.07	7	827.14	7	482.21	7	137.28	7		7		7	
1/4	2,199.67	1/4	1,854.74	1/4	1,509.81	1/4	1,164.88	1/4	819.95	1/4	475.03	1/4	130.10	1/4		1/4		1/4	
1/2	2,192.48	1/2	1,847.55	1/2	1,502.62	1/2	1,157.70	1/2	812.77	1/2	467.84	1/2	122.91	1/2		1/2		1/2	
3/4	2,185.30	3/4	1,840.37	3/4	1,495.44	3/4	1,150.51	3/4	805.58	3/4	460.66	3/4	115.73	3/4		3/4		3/4	
8	2,178.11	8	1,833.18	8	1,488.25	8	1,143.32	8	798.39	8	453.47	8	108.54	8		8		8	
1/4	2,170.92	1/4	1,825.99	1/4	1,481.07	1/4	1,136.14	1/4	791.21	1/4	446.28	1/4	101.35	1/4		1/4		1/4	
1/2	2,163.74	1/2	1,818.81	1/2	1,473.88	1/2	1,128.95	1/2	784.02	1/2	439.10	1/2	94.17	1/2		1/2		1/2	
3/4	2,156.55	3/4	1,811.62	3/4	1,466.70	3/4	1,121.77	3/4	776.84	3/4	431.91	3/4	86.98	3/4		3/4		3/4	
9	2,149.36	9	1,804.43	9	1,459.51	9	1,114.58	9	769.65	9	424.72	9	79.79	9		9		9	
1/4	2,142.18	1/4	1,797.25	1/4	1,452.32	1/4	1,107.39	1/4	762.47	1/4	417.54	1/4	72.61	1/4		1/4		1/4	
1/2	2,134.99	1/2	1,790.06	1/2	1,445.14	1/2	1,100.21	1/2	755.28	1/2	410.35	1/2	65.42	1/2		1/2		1/2	
3/4	2,127.81	3/4	1,782.88	3/4	1,437.95	3/4	1,093.02	3/4	748.10	3/4	403.17	3/4	58.24	3/4		3/4		3/4	
10	2,120.62	10	1,775.69	10	1,430.76	10	1,085.83	10	740.91	10	395.98	10	51.05	10		10		10	
1/4	2,113.43	1/4	1,768.51	1/4	1,423.58	1/4	1,078.65	1/4	733.72	1/4	388.79	1/4	45.14	1/4		1/4		1/4	
1/2	2,106.25	1/2	1,761.32	1/2	1,416.39	1/2	1,071.46	1/2	726.54	1/2	381.61	1/2	39.22	1/2		1/2		1/2	
3/4	2,099.06	3/4	1,754.14	3/4	1,409.21	3/4	1,064.28	3/4	719.35	3/4	374.42	3/4	33.31	3/4		3/4		3/4	
11	2,091.87	11	1,746.95	11	1,402.02	11	1,057.09	11	712.16	11	367.23	11	27.39	11		11		11	
1/4	2,084.69	1/4	1,739.76	1/4	1,394.83	1/4	1,049.91	1/4	704.98	1/4	360.05	1/4	27.00	1/4		1/4		1/4	
1/2	2,077.50	1/2	1,732.58	1/2	1,387.65	1/2	1,042.72	1/2	697.79	1/2	352.86	1/2		1/2		1/2		1/2	
3/4	2,070.32	3/4	1,725.39	3/4	1,380.46	3/4	1,035.54	3/4	690.61	3/4	345.68	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/31/2003 INSP.
RECALCULATED: 10/26/2018
VERIFIED: 12/01/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MMI 3037"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,634.84	0	4,381.60	0	4,128.25	0	3,874.91	0	3,620.60	0	3,278.36	0	2,912.99
1/4		1/4		1/4		1/4	4,629.66	1/4	4,376.32	1/4	4,122.97	1/4	3,869.63	1/4	3,615.04	1/4	3,270.75	1/4	2,905.38
1/2		1/2		1/2		1/2	4,624.38	1/2	4,371.04	1/2	4,117.69	1/2	3,864.35	1/2	3,609.15	1/2	3,263.14	1/2	2,897.77
3/4		3/4		3/4		3/4	4,619.11	3/4	4,365.76	3/4	4,112.41	3/4	3,859.07	3/4	3,603.27	3/4	3,255.52	3/4	2,890.15
1		1		1		1	4,613.83	1	4,360.48	1	4,107.14	1	3,853.80	1	3,597.38	1	3,247.91	1	2,882.54
1/4		1/4		1/4		1/4	4,608.55	1/4	4,355.20	1/4	4,101.86	1/4	3,848.52	1/4	3,591.50	1/4	3,240.30	1/4	2,874.93
1/2		1/2		1/2		1/2	4,603.27	1/2	4,349.92	1/2	4,096.58	1/2	3,843.24	1/2	3,585.27	1/2	3,232.69	1/2	2,867.32
3/4		3/4		3/4		3/4	4,598.00	3/4	4,344.65	3/4	4,091.30	3/4	3,837.96	3/4	3,579.04	3/4	3,225.08	3/4	2,859.70
2		2		2		2	4,592.72	2	4,339.37	2	4,086.03	2	3,832.68	2	3,572.82	2	3,217.47	2	2,852.09
1/4		1/4		1/4		1/4	4,587.44	1/4	4,334.09	1/4	4,080.75	1/4	3,827.40	1/4	3,566.59	1/4	3,209.86	1/4	2,844.48
1/2		1/2		1/2		1/2	4,582.16	1/2	4,328.81	1/2	4,075.47	1/2	3,822.12	1/2	3,560.02	1/2	3,202.25	1/2	2,836.87
3/4		3/4		3/4		3/4	4,576.88	3/4	4,323.54	3/4	4,070.19	3/4	3,816.84	3/4	3,553.44	3/4	3,194.63	3/4	2,829.25
3		3		3		3	4,571.60	3	4,318.26	3	4,064.92	3	3,811.57	3	3,546.87	3	3,187.02	3	2,821.64
1/4		1/4		1/4		1/4	4,566.32	1/4	4,312.98	1/4	4,059.64	1/4	3,806.29	1/4	3,540.30	1/4	3,179.41	1/4	2,814.03
1/2		1/2		1/2		1/2	4,561.04	1/2	4,307.70	1/2	4,054.36	1/2	3,801.01	1/2	3,533.38	1/2	3,171.80	1/2	2,806.42
3/4		3/4		3/4		3/4	4,555.77	3/4	4,302.43	3/4	4,049.08	3/4	3,795.73	3/4	3,526.45	3/4	3,164.18	3/4	2,798.80
4		4		4		4	4,550.49	4	4,297.15	4	4,043.80	4	3,790.46	4	3,519.53	4	3,156.57	4	2,791.19
1/4		1/4		1/4		1/4	4,545.21	1/4	4,291.87	1/4	4,038.52	1/4	3,785.18	1/4	3,512.61	1/4	3,148.96	1/4	2,783.58
1/2		1/2		1/2		1/2	4,539.93	1/2	4,286.59	1/2	4,033.24	1/2	3,779.90	1/2	3,505.34	1/2	3,141.35	1/2	2,775.97
3/4		3/4		3/4		3/4	4,716.70	3/4	4,534.66	3/4	4,281.32	3/4	4,027.96	3/4	3,774.62	3/4	3,498.07	3/4	3,133.73
5		5		5		5	4,716.41	5	4,529.38	5	4,276.04	5	4,022.69	5	3,769.35	5	3,490.81	5	3,126.12
1/4		1/4		1/4		1/4	4,716.12	1/4	4,524.10	1/4	4,270.76	1/4	4,017.41	1/4	3,764.07	1/4	3,483.54	1/4	3,118.51
1/2		1/2		1/2		1/2	4,715.32	1/2	4,518.82	1/2	4,265.48	1/2	4,012.13	1/2	3,758.79	1/2	3,476.01	1/2	3,110.90
3/4		3/4		3/4		3/4	4,714.52	3/4	4,513.55	3/4	4,260.20	3/4	4,006.85	3/4	3,753.51	3/4	3,468.49	3/4	3,103.28
6		6		6		6	4,713.71	6	4,508.27	6	4,254.92	6	4,001.58	6	3,748.24	6	3,460.96	6	3,095.67
1/4		1/4		1/4		1/4	4,712.91	1/4	4,502.99	1/4	4,249.64	1/4	3,996.30	1/4	3,742.96	1/4	3,453.44	1/4	3,088.06
1/2		1/2		1/2		1/2	4,711.35	1/2	4,497.71	1/2	4,244.36	1/2	3,991.02	1/2	3,737.68	1/2	3,445.83	1/2	3,080.45
3/4		3/4		3/4		3/4	4,709.79	3/4	4,492.44	3/4	4,239.09	3/4	3,985.74	3/4	3,732.40	3/4	3,438.21	3/4	3,072.84
7		7		7		7	4,708.22	7	4,487.16	7	4,233.81	7	3,980.47	7	3,727.12	7	3,430.60	7	3,065.23
1/4		1/4		1/4		1/4	4,706.66	1/4	4,481.88	1/4	4,228.53	1/4	3,975.19	1/4	3,721.84	1/4	3,422.99	1/4	3,057.62
1/2		1/2		1/2		1/2	4,704.32	1/2	4,476.60	1/2	4,223.25	1/2	3,969.91	1/2	3,716.56	1/2	3,415.38	1/2	3,050.01
3/4		3/4		3/4		3/4	4,701.97	3/4	4,471.32	3/4	4,217.98	3/4	3,964.63	3/4	3,711.28	3/4	3,407.76	3/4	3,042.39
8		8		8		8	4,699.63	8	4,466.04	8	4,212.70	8	3,959.36	8	3,706.01	8	3,400.15	8	3,034.78
1/4		1/4		1/4		1/4	4,697.28	1/4	4,460.76	1/4	4,207.42	1/4	3,954.08	1/4	3,700.73	1/4	3,392.54	1/4	3,027.17
1/2		1/2		1/2		1/2	4,694.16	1/2	4,455.48	1/2	4,202.14	1/2	3,948.80	1/2	3,695.45	1/2	3,384.93	1/2	3,019.56
3/4		3/4		3/4		3/4	4,691.03	3/4	4,450.21	3/4	4,196.87	3/4	3,943.52	3/4	3,690.17	3/4	3,377.32	3/4	3,011.94
9		9		9		9	4,687.91	9	4,444.93	9	4,191.59	9	3,938.24	9	3,684.90	9	3,369.71	9	3,004.33
1/4		1/4		1/4		1/4	4,684.78	1/4	4,439.65	1/4	4,186.31	1/4	3,932.96	1/4	3,679.62	1/4	3,362.10	1/4	2,996.72
1/2		1/2		1/2		1/2	4,680.87	1/2	4,434.37	1/2	4,181.03	1/2	3,927.68	1/2	3,674.34	1/2	3,354.49	1/2	2,989.11
3/4		3/4		3/4		3/4	4,676.96	3/4	4,429.10	3/4	4,175.75	3/4	3,922.40	3/4	3,669.06	3/4	3,346.87	3/4	2,981.49
10		10		10		10	4,673.05	10	4,423.82	10	4,170.48	10	3,917.13	10	3,663.79	10	3,339.26	10	2,973.88
1/4		1/4		1/4		1/4	4,669.14	1/4	4,418.54	1/4	4,165.20	1/4	3,911.85	1/4	3,658.51	1/4	3,331.65	1/4	2,966.27
1/2		1/2		1/2		1/2	4,664.45	1/2	4,413.26	1/2	4,159.92	1/2	3,906.57	1/2	3,653.20	1/2	3,324.04	1/2	2,958.66
3/4		3/4		3/4		3/4	4,659.76	3/4	4,407.99	3/4	4,154.64	3/4	3,901.29	3/4	3,647.89	3/4	3,316.42	3/4	2,951.04
11		11		11		11	4,655.07	11	4,402.71	11	4,149.36	11	3,896.02	11	3,642.58	11	3,308.81	11	2,943.43
1/4		1/4		1/4		1/4	4,650.38	1/4	4,397.43	1/4	4,144.08	1/4	3,890.74	1/4	3,637.27	1/4	3,301.20	1/4	2,935.82
1/2		1/2		1/2		1/2	4,645.20	1/2	4,392.15	1/2	4,138.80	1/2	3,885.46	1/2	3,631.71	1/2	3,293.59	1/2	2,928.21
3/4		3/4		3/4		3/4	4,640.02	3/4	4,386.88	3/4	4,133.53	3/4	3,880.18	3/4	3,626.15	3/4	3,285.97	3/4	2,920.60

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MMI 3037"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,547.61	0	2,182.23	0	1,816.86	0	1,451.48	0	1,086.11	0	722.50	0	357.79	0		0		0	
1/4	2,540.00	1/4	2,174.62	1/4	1,809.25	1/4	1,443.87	1/4	1,078.50	1/4	714.93	1/4	350.19	1/4	1/4	1/4		1/4	
1/2	2,532.39	1/2	2,167.01	1/2	1,801.64	1/2	1,436.26	1/2	1,070.89	1/2	707.36	1/2	342.59	1/2	1/2	1/2		1/2	
3/4	2,524.77	3/4	2,159.40	3/4	1,794.02	3/4	1,428.64	3/4	1,063.27	3/4	699.79	3/4	334.98	3/4	3/4	3/4		3/4	
1	2,517.16	1	2,151.79	1	1,786.41	1	1,421.03	1	1,055.66	1	692.22	1	327.38	1		1		1	
1/4	2,509.55	1/4	2,144.18	1/4	1,778.80	1/4	1,413.42	1/4	1,048.05	1/4	684.65	1/4	319.78	1/4	1/4	1/4		1/4	
1/2	2,501.94	1/2	2,136.57	1/2	1,771.19	1/2	1,405.81	1/2	1,040.47	1/2	677.05	1/2	312.18	1/2	1/2	1/2		1/2	
3/4	2,494.32	3/4	2,128.95	3/4	1,763.57	3/4	1,398.20	3/4	1,032.89	3/4	669.46	3/4	304.57	3/4	3/4	3/4		3/4	
2	2,486.71	2	2,121.34	2	1,755.96	2	1,390.59	2	1,025.31	2	661.86	2	296.97	2		2		2	
1/4	2,479.10	1/4	2,113.73	1/4	1,748.35	1/4	1,382.98	1/4	1,017.73	1/4	654.27	1/4	289.37	1/4	1/4	1/4		1/4	
1/2	2,471.49	1/2	2,106.12	1/2	1,740.74	1/2	1,375.37	1/2	1,010.16	1/2	646.67	1/2	281.77	1/2	1/2	1/2		1/2	
3/4	2,463.88	3/4	2,098.50	3/4	1,733.12	3/4	1,367.75	3/4	1,002.59	3/4	639.06	3/4	274.17	3/4	3/4	3/4		3/4	
3	2,456.27	3	2,090.89	3	1,725.51	3	1,360.14	3	995.02	3	631.46	3	266.57	3		3		3	
1/4	2,448.66	1/4	2,083.28	1/4	1,717.90	1/4	1,352.53	1/4	987.45	1/4	623.86	1/4	258.97	1/4	1/4	1/4		1/4	
1/2	2,441.05	1/2	2,075.67	1/2	1,710.29	1/2	1,344.92	1/2	979.88	1/2	616.26	1/2	251.37	1/2	1/2	1/2		1/2	
3/4	2,433.43	3/4	2,068.05	3/4	1,702.68	3/4	1,337.30	3/4	972.31	3/4	608.65	3/4	243.76	3/4	3/4	3/4		3/4	
4	2,425.82	4	2,060.44	4	1,695.07	4	1,329.69	4	964.74	4	601.05	4	236.16	4		4		4	
1/4	2,418.21	1/4	2,052.83	1/4	1,687.46	1/4	1,322.08	1/4	957.17	1/4	593.45	1/4	228.56	1/4	1/4	1/4		1/4	
1/2	2,410.60	1/2	2,045.22	1/2	1,679.85	1/2	1,314.47	1/2	949.60	1/2	585.85	1/2	220.96	1/2	1/2	1/2		1/2	
3/4	2,402.98	3/4	2,037.60	3/4	1,672.23	3/4	1,306.85	3/4	942.03	3/4	578.25	3/4	213.35	3/4	3/4	3/4		3/4	
5	2,395.37	5	2,029.99	5	1,664.62	5	1,299.24	5	934.46	5	570.65	5	205.75	5		5		5	
1/4	2,387.76	1/4	2,022.38	1/4	1,657.01	1/4	1,291.63	1/4	926.89	1/4	563.05	1/4	198.15	1/4	1/4	1/4		1/4	
1/2	2,380.15	1/2	2,014.77	1/2	1,649.40	1/2	1,284.02	1/2	919.32	1/2	555.45	1/2	190.55	1/2	1/2	1/2		1/2	
3/4	2,372.53	3/4	2,007.16	3/4	1,641.78	3/4	1,276.40	3/4	911.75	3/4	547.84	3/4	182.94	3/4	3/4	3/4		3/4	
6	2,364.92	6	1,999.55	6	1,634.17	6	1,268.79	6	904.18	6	540.24	6	175.34	6		6		6	
1/4	2,357.31	1/4	1,991.94	1/4	1,626.56	1/4	1,261.18	1/4	896.61	1/4	532.64	1/4	167.74	1/4	1/4	1/4		1/4	
1/2	2,349.70	1/2	1,984.33	1/2	1,618.95	1/2	1,253.57	1/2	889.04	1/2	525.04	1/2	160.14	1/2	1/2	1/2		1/2	
3/4	2,342.08	3/4	1,976.71	3/4	1,611.33	3/4	1,245.96	3/4	881.47	3/4	517.43	3/4	152.53	3/4	3/4	3/4		3/4	
7	2,334.47	7	1,969.10	7	1,603.72	7	1,238.35	7	873.90	7	509.83	7	144.93	7		7		7	
1/4	2,326.86	1/4	1,961.49	1/4	1,596.11	1/4	1,230.74	1/4	866.33	1/4	502.23	1/4	137.33	1/4	1/4	1/4		1/4	
1/2	2,319.25	1/2	1,953.88	1/2	1,588.50	1/2	1,223.13	1/2	858.76	1/2	494.63	1/2	129.73	1/2	1/2	1/2		1/2	
3/4	2,311.64	3/4	1,946.26	3/4	1,580.88	3/4	1,215.51	3/4	851.19	3/4	487.02	3/4	122.13	3/4	3/4	3/4		3/4	
8	2,304.03	8	1,938.65	8	1,573.27	8	1,207.90	8	843.62	8	479.42	8	114.53	8		8		8	
1/4	2,296.42	1/4	1,931.04	1/4	1,565.66	1/4	1,200.29	1/4	836.05	1/4	471.82	1/4	106.93	1/4	1/4	1/4		1/4	
1/2	2,288.81	1/2	1,923.43	1/2	1,558.05	1/2	1,192.68	1/2	828.48	1/2	464.22	1/2	99.33	1/2	1/2	1/2		1/2	
3/4	2,281.19	3/4	1,915.81	3/4	1,550.44	3/4	1,185.06	3/4	820.91	3/4	456.61	3/4	91.72	3/4	3/4	3/4		3/4	
9	2,273.58	9	1,908.20	9	1,542.83	9	1,177.45	9	813.34	9	449.01	9	84.12	9		9		9	
1/4	2,265.97	1/4	1,900.59	1/4	1,535.22	1/4	1,169.84	1/4	805.77	1/4	441.41	1/4	76.52	1/4	1/4	1/4		1/4	
1/2	2,258.36	1/2	1,892.98	1/2	1,527.61	1/2	1,162.23	1/2	798.20	1/2	433.81	1/2	69.05	1/2	1/2	1/2		1/2	
3/4	2,250.74	3/4	1,885.36	3/4	1,519.99	3/4	1,154.61	3/4	790.63	3/4	426.21	3/4	61.58	3/4	3/4	3/4		3/4	
10	2,243.13	10	1,877.75	10	1,512.38	10	1,147.00	10	783.06	10	418.61	10	54.12	10		10		10	
1/4	2,235.52	1/4	1,870.14	1/4	1,504.77	1/4	1,139.39	1/4	775.49	1/4	411.01	1/4	46.65	1/4	1/4	1/4		1/4	
1/2	2,227.91	1/2	1,862.53	1/2	1,497.16	1/2	1,131.78	1/2	767.92	1/2	403.41	1/2	40.81	1/2	1/2	1/2		1/2	
3/4	2,220.29	3/4	1,854.92	3/4	1,489.54	3/4	1,124.16	3/4	760.35	3/4	395.80	3/4	34.98	3/4	3/4	3/4		3/4	
11	2,212.68	11	1,847.31	11	1,481.93	11	1,116.55	11	752.78	11	388.20	11	29.14	11		11		11	
1/4	2,205.07	1/4	1,839.70	1/4	1,474.32	1/4	1,108.94	1/4	745.21	1/4	380.60	1/4	23.31	1/4	1/4	1/4		1/4	
1/2	2,197.46	1/2	1,832.09	1/2	1,466.71	1/2	1,101.33	1/2	737.64	1/2	373.00	1/2		1/2	1/2	1/2		1/2	
3/4	2,189.84	3/4	1,824.47	3/4	1,459.09	3/4	1,093.72	3/4	730.07	3/4	365.39	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/31/2003 INSP.
RECALCULATED: 10/26/2018
VERIFIED: 12/01/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MMI 3037"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,634.84	0	4,381.60	0	4,128.25	0	3,874.91	0	3,620.60	0	3,278.36	0	2,912.99
1/4		1/4		1/4		1/4	4,629.66	1/4	4,376.32	1/4	4,122.97	1/4	3,869.63	1/4	3,615.04	1/4	3,270.75	1/4	2,905.38
1/2		1/2		1/2		1/2	4,624.38	1/2	4,371.04	1/2	4,117.69	1/2	3,864.35	1/2	3,609.15	1/2	3,263.14	1/2	2,897.77
3/4		3/4		3/4		3/4	4,619.11	3/4	4,365.76	3/4	4,112.41	3/4	3,859.07	3/4	3,603.27	3/4	3,255.52	3/4	2,890.15
1		1		1		1	4,613.83	1	4,360.48	1	4,107.14	1	3,853.80	1	3,597.38	1	3,247.91	1	2,882.54
1/4		1/4		1/4		1/4	4,608.55	1/4	4,355.20	1/4	4,101.86	1/4	3,848.52	1/4	3,591.50	1/4	3,240.30	1/4	2,874.93
1/2		1/2		1/2		1/2	4,603.27	1/2	4,349.92	1/2	4,096.58	1/2	3,843.24	1/2	3,585.27	1/2	3,232.69	1/2	2,867.32
3/4		3/4		3/4		3/4	4,598.00	3/4	4,344.65	3/4	4,091.30	3/4	3,837.96	3/4	3,579.04	3/4	3,225.08	3/4	2,859.70
2		2		2		2	4,592.72	2	4,339.37	2	4,086.03	2	3,832.68	2	3,572.82	2	3,217.47	2	2,852.09
1/4		1/4		1/4		1/4	4,587.44	1/4	4,334.09	1/4	4,080.75	1/4	3,827.40	1/4	3,566.59	1/4	3,209.86	1/4	2,844.48
1/2		1/2		1/2		1/2	4,582.16	1/2	4,328.81	1/2	4,075.47	1/2	3,822.12	1/2	3,560.02	1/2	3,202.25	1/2	2,836.87
3/4		3/4		3/4		3/4	4,576.88	3/4	4,323.54	3/4	4,070.19	3/4	3,816.84	3/4	3,553.44	3/4	3,194.63	3/4	2,829.25
3		3		3		3	4,571.60	3	4,318.26	3	4,064.92	3	3,811.57	3	3,546.87	3	3,187.02	3	2,821.64
1/4		1/4		1/4		1/4	4,566.32	1/4	4,312.98	1/4	4,059.64	1/4	3,806.29	1/4	3,540.30	1/4	3,179.41	1/4	2,814.03
1/2		1/2		1/2		1/2	4,561.04	1/2	4,307.70	1/2	4,054.36	1/2	3,801.01	1/2	3,533.38	1/2	3,171.80	1/2	2,806.42
3/4		3/4		3/4		3/4	4,555.77	3/4	4,302.43	3/4	4,049.08	3/4	3,795.73	3/4	3,526.45	3/4	3,164.18	3/4	2,798.80
4		4		4		4	4,550.49	4	4,297.15	4	4,043.80	4	3,790.46	4	3,519.53	4	3,156.57	4	2,791.19
1/4		1/4		1/4		1/4	4,545.21	1/4	4,291.87	1/4	4,038.52	1/4	3,785.18	1/4	3,512.61	1/4	3,148.96	1/4	2,783.58
1/2		1/2		1/2		1/2	4,539.93	1/2	4,286.59	1/2	4,033.24	1/2	3,779.90	1/2	3,505.34	1/2	3,141.35	1/2	2,775.97
3/4		3/4		3/4		3/4	4,716.70	3/4	4,534.66	3/4	4,281.32	3/4	4,027.96	3/4	3,774.62	3/4	3,498.07	3/4	3,133.73
5		5		5		5	4,716.41	5	4,529.38	5	4,276.04	5	4,022.69	5	3,769.35	5	3,490.81	5	3,126.12
1/4		1/4		1/4		1/4	4,716.12	1/4	4,524.10	1/4	4,270.76	1/4	4,017.41	1/4	3,764.07	1/4	3,483.54	1/4	3,118.51
1/2		1/2		1/2		1/2	4,715.32	1/2	4,518.82	1/2	4,265.48	1/2	4,012.13	1/2	3,758.79	1/2	3,476.01	1/2	3,110.90
3/4		3/4		3/4		3/4	4,714.52	3/4	4,513.55	3/4	4,260.20	3/4	4,006.85	3/4	3,753.51	3/4	3,468.49	3/4	3,103.28
6		6		6		6	4,713.71	6	4,508.27	6	4,254.92	6	4,001.58	6	3,748.24	6	3,460.96	6	3,095.67
1/4		1/4		1/4		1/4	4,712.91	1/4	4,502.99	1/4	4,249.64	1/4	3,996.30	1/4	3,742.96	1/4	3,453.44	1/4	3,088.06
1/2		1/2		1/2		1/2	4,711.35	1/2	4,497.71	1/2	4,244.36	1/2	3,991.02	1/2	3,737.68	1/2	3,445.83	1/2	3,080.45
3/4		3/4		3/4		3/4	4,709.79	3/4	4,492.44	3/4	4,239.09	3/4	3,985.74	3/4	3,732.40	3/4	3,438.21	3/4	3,072.84
7		7		7		7	4,708.22	7	4,487.16	7	4,233.81	7	3,980.47	7	3,727.12	7	3,430.60	7	3,065.23
1/4		1/4		1/4		1/4	4,706.66	1/4	4,481.88	1/4	4,228.53	1/4	3,975.19	1/4	3,721.84	1/4	3,422.99	1/4	3,057.62
1/2		1/2		1/2		1/2	4,704.32	1/2	4,476.60	1/2	4,223.25	1/2	3,969.91	1/2	3,716.56	1/2	3,415.38	1/2	3,050.01
3/4		3/4		3/4		3/4	4,701.97	3/4	4,471.32	3/4	4,217.98	3/4	3,964.63	3/4	3,711.28	3/4	3,407.76	3/4	3,042.39
8		8		8		8	4,699.63	8	4,466.04	8	4,212.70	8	3,959.36	8	3,706.01	8	3,400.15	8	3,034.78
1/4		1/4		1/4		1/4	4,697.28	1/4	4,460.76	1/4	4,207.42	1/4	3,954.08	1/4	3,700.73	1/4	3,392.54	1/4	3,027.17
1/2		1/2		1/2		1/2	4,694.16	1/2	4,455.48	1/2	4,202.14	1/2	3,948.80	1/2	3,695.45	1/2	3,384.93	1/2	3,019.56
3/4		3/4		3/4		3/4	4,691.03	3/4	4,450.21	3/4	4,196.87	3/4	3,943.52	3/4	3,690.17	3/4	3,377.32	3/4	3,011.94
9		9		9		9	4,687.91	9	4,444.93	9	4,191.59	9	3,938.24	9	3,684.90	9	3,369.71	9	3,004.33
1/4		1/4		1/4		1/4	4,684.78	1/4	4,439.65	1/4	4,186.31	1/4	3,932.96	1/4	3,679.62	1/4	3,362.10	1/4	2,996.72
1/2		1/2		1/2		1/2	4,680.87	1/2	4,434.37	1/2	4,181.03	1/2	3,927.68	1/2	3,674.34	1/2	3,354.49	1/2	2,989.11
3/4		3/4		3/4		3/4	4,676.96	3/4	4,429.10	3/4	4,175.75	3/4	3,922.40	3/4	3,669.06	3/4	3,346.87	3/4	2,981.49
10		10		10		10	4,673.05	10	4,423.82	10	4,170.48	10	3,917.13	10	3,663.79	10	3,339.26	10	2,973.88
1/4		1/4		1/4		1/4	4,669.14	1/4	4,418.54	1/4	4,165.20	1/4	3,911.85	1/4	3,658.51	1/4	3,331.65	1/4	2,966.27
1/2		1/2		1/2		1/2	4,664.45	1/2	4,413.26	1/2	4,159.92	1/2	3,906.57	1/2	3,653.20	1/2	3,324.04	1/2	2,958.66
3/4		3/4		3/4		3/4	4,659.76	3/4	4,407.99	3/4	4,154.64	3/4	3,901.29	3/4	3,647.89	3/4	3,316.42	3/4	2,951.04
11		11		11		11	4,655.07	11	4,402.71	11	4,149.36	11	3,896.02	11	3,642.58	11	3,308.81	11	2,943.43
1/4		1/4		1/4		1/4	4,650.38	1/4	4,397.43	1/4	4,144.08	1/4	3,890.74	1/4	3,637.27	1/4	3,301.20	1/4	2,935.82
1/2		1/2		1/2		1/2	4,645.20	1/2	4,392.15	1/2	4,138.80	1/2	3,885.46	1/2	3,631.71	1/2	3,293.59	1/2	2,928.21
3/4		3/4		3/4		3/4	4,640.02	3/4	4,386.88	3/4	4,133.53	3/4	3,880.18	3/4	3,626.15	3/4	3,285.97	3/4	2,920.60

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MMI 3037"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,547.61	0	2,182.23	0	1,816.86	0	1,451.48	0	1,086.11	0	722.50	0	357.79	0		0		0	
1/4	2,540.00	1/4	2,174.62	1/4	1,809.25	1/4	1,443.87	1/4	1,078.50	1/4	714.93	1/4	350.19	1/4	1/4	1/4		1/4	
1/2	2,532.39	1/2	2,167.01	1/2	1,801.64	1/2	1,436.26	1/2	1,070.89	1/2	707.36	1/2	342.59	1/2	1/2	1/2		1/2	
3/4	2,524.77	3/4	2,159.40	3/4	1,794.02	3/4	1,428.64	3/4	1,063.27	3/4	699.79	3/4	334.98	3/4	3/4	3/4		3/4	
1	2,517.16	1	2,151.79	1	1,786.41	1	1,421.03	1	1,055.66	1	692.22	1	327.38	1		1		1	
1/4	2,509.55	1/4	2,144.18	1/4	1,778.80	1/4	1,413.42	1/4	1,048.05	1/4	684.65	1/4	319.78	1/4	1/4	1/4		1/4	
1/2	2,501.94	1/2	2,136.57	1/2	1,771.19	1/2	1,405.81	1/2	1,040.47	1/2	677.05	1/2	312.18	1/2	1/2	1/2		1/2	
3/4	2,494.32	3/4	2,128.95	3/4	1,763.57	3/4	1,398.20	3/4	1,032.89	3/4	669.46	3/4	304.57	3/4	3/4	3/4		3/4	
2	2,486.71	2	2,121.34	2	1,755.96	2	1,390.59	2	1,025.31	2	661.86	2	296.97	2		2		2	
1/4	2,479.10	1/4	2,113.73	1/4	1,748.35	1/4	1,382.98	1/4	1,017.73	1/4	654.27	1/4	289.37	1/4	1/4	1/4		1/4	
1/2	2,471.49	1/2	2,106.12	1/2	1,740.74	1/2	1,375.37	1/2	1,010.16	1/2	646.67	1/2	281.77	1/2	1/2	1/2		1/2	
3/4	2,463.88	3/4	2,098.50	3/4	1,733.12	3/4	1,367.75	3/4	1,002.59	3/4	639.06	3/4	274.17	3/4	3/4	3/4		3/4	
3	2,456.27	3	2,090.89	3	1,725.51	3	1,360.14	3	995.02	3	631.46	3	266.57	3		3		3	
1/4	2,448.66	1/4	2,083.28	1/4	1,717.90	1/4	1,352.53	1/4	987.45	1/4	623.86	1/4	258.97	1/4	1/4	1/4		1/4	
1/2	2,441.05	1/2	2,075.67	1/2	1,710.29	1/2	1,344.92	1/2	979.88	1/2	616.26	1/2	251.37	1/2	1/2	1/2		1/2	
3/4	2,433.43	3/4	2,068.05	3/4	1,702.68	3/4	1,337.30	3/4	972.31	3/4	608.65	3/4	243.76	3/4	3/4	3/4		3/4	
4	2,425.82	4	2,060.44	4	1,695.07	4	1,329.69	4	964.74	4	601.05	4	236.16	4		4		4	
1/4	2,418.21	1/4	2,052.83	1/4	1,687.46	1/4	1,322.08	1/4	957.17	1/4	593.45	1/4	228.56	1/4	1/4	1/4		1/4	
1/2	2,410.60	1/2	2,045.22	1/2	1,679.85	1/2	1,314.47	1/2	949.60	1/2	585.85	1/2	220.96	1/2	1/2	1/2		1/2	
3/4	2,402.98	3/4	2,037.60	3/4	1,672.23	3/4	1,306.85	3/4	942.03	3/4	578.25	3/4	213.35	3/4	3/4	3/4		3/4	
5	2,395.37	5	2,029.99	5	1,664.62	5	1,299.24	5	934.46	5	570.65	5	205.75	5		5		5	
1/4	2,387.76	1/4	2,022.38	1/4	1,657.01	1/4	1,291.63	1/4	926.89	1/4	563.05	1/4	198.15	1/4	1/4	1/4		1/4	
1/2	2,380.15	1/2	2,014.77	1/2	1,649.40	1/2	1,284.02	1/2	919.32	1/2	555.45	1/2	190.55	1/2	1/2	1/2		1/2	
3/4	2,372.53	3/4	2,007.16	3/4	1,641.78	3/4	1,276.40	3/4	911.75	3/4	547.84	3/4	182.94	3/4	3/4	3/4		3/4	
6	2,364.92	6	1,999.55	6	1,634.17	6	1,268.79	6	904.18	6	540.24	6	175.34	6		6		6	
1/4	2,357.31	1/4	1,991.94	1/4	1,626.56	1/4	1,261.18	1/4	896.61	1/4	532.64	1/4	167.74	1/4	1/4	1/4		1/4	
1/2	2,349.70	1/2	1,984.33	1/2	1,618.95	1/2	1,253.57	1/2	889.04	1/2	525.04	1/2	160.14	1/2	1/2	1/2		1/2	
3/4	2,342.08	3/4	1,976.71	3/4	1,611.33	3/4	1,245.96	3/4	881.47	3/4	517.43	3/4	152.53	3/4	3/4	3/4		3/4	
7	2,334.47	7	1,969.10	7	1,603.72	7	1,238.35	7	873.90	7	509.83	7	144.93	7		7		7	
1/4	2,326.86	1/4	1,961.49	1/4	1,596.11	1/4	1,230.74	1/4	866.33	1/4	502.23	1/4	137.33	1/4	1/4	1/4		1/4	
1/2	2,319.25	1/2	1,953.88	1/2	1,588.50	1/2	1,223.13	1/2	858.76	1/2	494.63	1/2	129.73	1/2	1/2	1/2		1/2	
3/4	2,311.64	3/4	1,946.26	3/4	1,580.88	3/4	1,215.51	3/4	851.19	3/4	487.02	3/4	122.13	3/4	3/4	3/4		3/4	
8	2,304.03	8	1,938.65	8	1,573.27	8	1,207.90	8	843.62	8	479.42	8	114.53	8		8		8	
1/4	2,296.42	1/4	1,931.04	1/4	1,565.66	1/4	1,200.29	1/4	836.05	1/4	471.82	1/4	106.93	1/4	1/4	1/4		1/4	
1/2	2,288.81	1/2	1,923.43	1/2	1,558.05	1/2	1,192.68	1/2	828.48	1/2	464.22	1/2	99.33	1/2	1/2	1/2		1/2	
3/4	2,281.19	3/4	1,915.81	3/4	1,550.44	3/4	1,185.06	3/4	820.91	3/4	456.61	3/4	91.72	3/4	3/4	3/4		3/4	
9	2,273.58	9	1,908.20	9	1,542.83	9	1,177.45	9	813.34	9	449.01	9	84.12	9		9		9	
1/4	2,265.97	1/4	1,900.59	1/4	1,535.22	1/4	1,169.84	1/4	805.77	1/4	441.41	1/4	76.52	1/4	1/4	1/4		1/4	
1/2	2,258.36	1/2	1,892.98	1/2	1,527.61	1/2	1,162.23	1/2	798.20	1/2	433.81	1/2	69.05	1/2	1/2	1/2		1/2	
3/4	2,250.74	3/4	1,885.36	3/4	1,519.99	3/4	1,154.61	3/4	790.63	3/4	426.21	3/4	61.58	3/4	3/4	3/4		3/4	
10	2,243.13	10	1,877.75	10	1,512.38	10	1,147.00	10	783.06	10	418.61	10	54.12	10		10		10	
1/4	2,235.52	1/4	1,870.14	1/4	1,504.77	1/4	1,139.39	1/4	775.49	1/4	411.01	1/4	46.65	1/4	1/4	1/4		1/4	
1/2	2,227.91	1/2	1,862.53	1/2	1,497.16	1/2	1,131.78	1/2	767.92	1/2	403.41	1/2	40.81	1/2	1/2	1/2		1/2	
3/4	2,220.29	3/4	1,854.92	3/4	1,489.54	3/4	1,124.16	3/4	760.35	3/4	395.80	3/4	34.98	3/4	3/4	3/4		3/4	
11	2,212.68	11	1,847.31	11	1,481.93	11	1,116.55	11	752.78	11	388.20	11	29.14	11		11		11	
1/4	2,205.07	1/4	1,839.70	1/4	1,474.32	1/4	1,108.94	1/4	745.21	1/4	380.60	1/4	23.31	1/4	1/4	1/4		1/4	
1/2	2,197.46	1/2	1,832.09	1/2	1,466.71	1/2	1,101.33	1/2	737.64	1/2	373.00	1/2		1/2	1/2	1/2		1/2	
3/4	2,189.84	3/4	1,824.47	3/4	1,459.09	3/4	1,093.72	3/4	730.07	3/4	365.39	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/31/2003 INSP.
RECALCULATED: 10/26/2018
VERIFIED: 12/01/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "MMI 3037"

FWD SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	449	0	898	0	1,346	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	916	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,823	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1		1		1		1		1	
1/4	47	1/4	496	1/4	944	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,851	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	972	2	1,421	2	1,870	2		2		2		2		2	
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,879	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,449	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3		3		3		3		3	
1/4	122	1/4	570	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,477	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	598	4	1,047	4	1,496	4	1,945	4		4		4		4		4	
1/4	159	1/4	608	1/4	1,057	1/4	1,505	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	626	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,533	5	1,982	5		5		5		5		5	
1/4	196	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,103	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,010	3/4		3/4		3/4		3/4		3/4	
6	224	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,131	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	252	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,159	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	729	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,636	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	757	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,664	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	785	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,692	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	383	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,290	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	411	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,318	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	439	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

STRAPPED: 12/01/2023 JS
CALCULATED: 12/04/2023 CL
PRINTED: 12/04/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

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 3037"

AFT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	449	0	898	0	1,346	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	916	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,823	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1		1		1		1		1	
1/4	47	1/4	496	1/4	944	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,851	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	972	2	1,421	2	1,870	2		2		2		2		2	
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,879	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,449	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3		3		3		3		3	
1/4	122	1/4	570	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,477	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	598	4	1,047	4	1,496	4	1,945	4		4		4		4		4	
1/4	159	1/4	608	1/4	1,057	1/4	1,505	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	626	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,533	5	1,982	5		5		5		5		5	
1/4	196	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,103	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,010	3/4		3/4		3/4		3/4		3/4	
6	224	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,131	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	252	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,159	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	729	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,636	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	757	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,664	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	785	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,692	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	383	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,290	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	411	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,318	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	439	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES.

STRAPPED: 12/01/2023 JS
 CALCULATED: 12/04/2023 CL
 PRINTED: 12/04/2023 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 12/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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