



BARGE "MMI 3054"

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	- 02-0/8	02-0/8	- 04-1/8	04-1/8	- 06-1/8	06-1/8	- 08-1/8	08-1/8	- 10-1/4	10-1/4	- 12-1/4	12-1/4
1 STBD	- 02-0/8	02-0/8	- 04-1/8	04-1/8	- 06-1/8	06-1/8	- 08-1/8	08-1/8	- 10-1/4	10-1/4	- 12-1/4	12-1/4
2 PORT	- 02-0/8	02-0/8	- 04-1/8	04-1/8	- 06-1/8	06-1/8	- 08-1/8	08-1/8	- 10-1/4	10-1/4	- 12-1/4	12-1/4
2 STBD	- 02-0/8	02-0/8	- 04-1/8	04-1/8	- 06-1/8	06-1/8	- 08-1/8	08-1/8	- 10-1/4	10-1/4	- 12-1/4	12-1/4
3 PORT	02-0/8	- 02-0/8	04-1/8	- 04-1/8	06-1/8	- 06-1/8	08-1/8	- 08-1/8	10-1/4	- 10-1/4	12-1/4	- 12-1/4
3 STBD	02-0/8	- 02-0/8	04-1/8	- 04-1/8	06-1/8	- 06-1/8	08-1/8	- 08-1/8	10-1/4	- 10-1/4	12-1/4	- 12-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS 04-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-04 1/8"

April 10, 2023

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MMI 3054"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-09 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		4,854.94	0	4,498.10	0	4,141.27	0	3,784.44	0	3,427.61	
1/4		1/4		1/4		1/4		1/4		4,847.50	1/4	4,490.67	1/4	4,133.83	1/4	3,777.00	1/4	3,420.17	
1/2		1/2		1/2		1/2		1/2		4,840.07	1/2	4,483.24	1/2	4,126.40	1/2	3,769.57	1/2	3,412.74	
3/4		3/4		3/4		3/4		3/4		4,832.64	3/4	4,475.80	3/4	4,118.97	3/4	3,762.14	3/4	3,405.30	
1		1		1		1		1		4,825.20	1	4,468.37	1	4,111.53	1	3,754.70	1	3,397.87	
1/4		1/4		1/4		1/4		1/4	5,076.94	1/4	4,817.77	1/4	4,460.93	1/4	4,104.10	1/4	3,747.27	1/4	3,390.43
1/2		1/2		1/2		1/2		1/2	5,076.52	1/2	4,810.33	1/2	4,453.50	1/2	4,096.67	1/2	3,739.84	1/2	3,383.00
3/4		3/4		3/4		3/4		3/4	5,075.61	3/4	4,802.90	3/4	4,446.06	3/4	4,089.23	3/4	3,732.40	3/4	3,375.57
2		2		2		2		2	5,074.69	2	4,795.47	2	4,438.63	2	4,081.80	2	3,724.97	2	3,368.13
1/4		1/4		1/4		1/4		1/4	5,073.78	1/4	4,788.03	1/4	4,431.19	1/4	4,074.36	1/4	3,717.53	1/4	3,360.70
1/2		1/2		1/2		1/2		1/2	5,072.86	1/2	4,780.60	1/2	4,423.76	1/2	4,066.93	1/2	3,710.10	1/2	3,353.27
3/4		3/4		3/4		3/4		3/4	5,070.88	3/4	4,773.17	3/4	4,416.33	3/4	4,059.50	3/4	3,702.66	3/4	3,345.83
3		3		3		3		3	5,068.91	3	4,765.73	3	4,408.89	3	4,052.06	3	3,695.23	3	3,338.40
1/4		1/4		1/4		1/4		1/4	5,066.93	1/4	4,758.30	1/4	4,401.46	1/4	4,044.63	1/4	3,687.79	1/4	3,330.96
1/2		1/2		1/2		1/2		1/2	5,064.95	1/2	4,750.86	1/2	4,394.03	1/2	4,037.20	1/2	3,680.36	1/2	3,323.53
3/4		3/4		3/4		3/4		3/4	5,061.84	3/4	4,743.43	3/4	4,386.59	3/4	4,029.76	3/4	3,672.93	3/4	3,316.10
4		4		4		4		4	5,058.73	4	4,735.99	4	4,379.16	4	4,022.33	4	3,665.49	4	3,308.66
1/4		1/4		1/4		1/4		1/4	5,055.62	1/4	4,728.56	1/4	4,371.72	1/4	4,014.89	1/4	3,658.06	1/4	3,301.23
1/2		1/2		1/2		1/2		1/2	5,052.51	1/2	4,721.12	1/2	4,364.29	1/2	4,007.46	1/2	3,650.63	1/2	3,293.80
3/4		3/4		3/4		3/4		3/4	5,048.27	3/4	4,713.69	3/4	4,356.86	3/4	4,000.02	3/4	3,643.19	3/4	3,286.36
5		5		5		5		5	5,044.03	5	4,706.26	5	4,349.42	5	3,992.59	5	3,635.76	5	3,278.93
1/4		1/4		1/4		1/4		1/4	5,039.79	1/4	4,698.82	1/4	4,341.99	1/4	3,985.15	1/4	3,628.32	1/4	3,271.49
1/2		1/2		1/2		1/2		1/2	5,035.55	1/2	4,691.39	1/2	4,334.56	1/2	3,977.72	1/2	3,620.89	1/2	3,264.06
3/4		3/4		3/4		3/4		3/4	5,030.18	3/4	4,683.96	3/4	4,327.12	3/4	3,970.29	3/4	3,613.46	3/4	3,256.62
6		6		6		6		6	5,024.80	6	4,676.52	6	4,319.69	6	3,962.85	6	3,606.02	6	3,249.19
1/4		1/4		1/4		1/4		1/4	5,019.43	1/4	4,669.09	1/4	4,312.25	1/4	3,955.42	1/4	3,598.59	1/4	3,241.75
1/2		1/2		1/2		1/2		1/2	5,014.05	1/2	4,661.65	1/2	4,304.82	1/2	3,947.99	1/2	3,591.16	1/2	3,234.32
3/4		3/4		3/4		3/4		3/4	5,007.54	3/4	4,654.22	3/4	4,297.38	3/4	3,940.55	3/4	3,583.72	3/4	3,226.89
7		7		7		7		7	5,001.04	7	4,646.79	7	4,289.95	7	3,933.12	7	3,576.29	7	3,219.45
1/4		1/4		1/4		1/4		1/4	4,994.53	1/4	4,639.35	1/4	4,282.51	1/4	3,925.68	1/4	3,568.85	1/4	3,212.02
1/2		1/2		1/2		1/2		1/2	4,988.02	1/2	4,631.92	1/2	4,275.08	1/2	3,918.25	1/2	3,561.42	1/2	3,204.59
3/4		3/4		3/4		3/4		3/4	4,980.77	3/4	4,624.49	3/4	4,267.65	3/4	3,910.82	3/4	3,553.98	3/4	3,197.15
8		8		8		8		8	4,973.52	8	4,617.05	8	4,260.21	8	3,903.38	8	3,546.55	8	3,189.72
1/4		1/4		1/4		1/4		1/4	4,966.26	1/4	4,609.62	1/4	4,252.78	1/4	3,895.95	1/4	3,539.11	1/4	3,182.28
1/2		1/2		1/2		1/2		1/2	4,959.01	1/2	4,602.18	1/2	4,245.35	1/2	3,888.52	1/2	3,531.68	1/2	3,174.85
3/4		3/4		3/4		3/4		3/4	4,951.58	3/4	4,594.75	3/4	4,237.91	3/4	3,881.08	3/4	3,524.25	3/4	3,167.42
9		9		9		9		9	4,944.15	9	4,587.31	9	4,230.48	9	3,873.65	9	3,516.81	9	3,159.98
1/4		1/4		1/4		1/4		1/4	4,936.71	1/4	4,579.87	1/4	4,223.04	1/4	3,866.21	1/4	3,509.38	1/4	3,152.55
1/2		1/2		1/2		1/2		1/2	4,929.28	1/2	4,572.44	1/2	4,215.61	1/2	3,858.78	1/2	3,501.95	1/2	3,145.12
3/4		3/4		3/4		3/4		3/4	4,921.85	3/4	4,565.01	3/4	4,208.18	3/4	3,851.34	3/4	3,494.51	3/4	3,137.68
10		10		10		10		10	4,914.41	10	4,557.57	10	4,200.74	10	3,843.91	10	3,487.08	10	3,130.25
1/4		1/4		1/4		1/4		1/4	4,906.98	1/4	4,550.14	1/4	4,193.31	1/4	3,836.47	1/4	3,479.64	1/4	3,122.81
1/2		1/2		1/2		1/2		1/2	4,899.54	1/2	4,542.71	1/2	4,185.88	1/2	3,829.04	1/2	3,472.21	1/2	3,115.38
3/4		3/4		3/4		3/4		3/4	4,892.11	3/4	4,535.27	3/4	4,178.44	3/4	3,821.61	3/4	3,464.78	3/4	3,107.94
11		11		11		11		11	4,884.67	11	4,527.84	11	4,171.01	11	3,814.17	11	3,457.34	11	3,100.51
1/4		1/4		1/4		1/4		1/4	4,877.24	1/4	4,520.40	1/4	4,163.57	1/4	3,806.74	1/4	3,449.91	1/4	3,093.07
1/2		1/2		1/2		1/2		1/2	4,869.80	1/2	4,512.97	1/2	4,156.14	1/2	3,799.31	1/2	3,442.48	1/2	3,085.64
3/4		3/4		3/4		3/4		3/4	4,862.37	3/4	4,505.54	3/4	4,148.70	3/4	3,791.87	3/4	3,435.04	3/4	3,078.21

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 03'-00" OFF CENTERLINE AND 03'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "MMI 3054"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,070.77	0	2,713.95	0	2,357.11	0	2,000.28	0	1,643.45	0	1,286.62	0	929.79	0	572.95	0	220.50	0	
1/4	3,063.34	1/4	2,706.51	1/4	2,349.68	1/4	1,992.85	1/4	1,636.02	1/4	1,279.18	1/4	922.35	1/4	565.52	1/4	213.49	1/4	
1/2	3,055.91	1/2	2,699.08	1/2	2,342.24	1/2	1,985.41	1/2	1,628.58	1/2	1,271.75	1/2	914.92	1/2	558.08	1/2	206.47	1/2	
3/4	3,048.47	3/4	2,691.65	3/4	2,334.81	3/4	1,977.98	3/4	1,621.15	3/4	1,264.32	3/4	907.49	3/4	550.65	3/4	199.52	3/4	
1	3,041.04	1	2,684.21	1	2,327.38	1	1,970.55	1	1,613.71	1	1,256.88	1	900.05	1	543.22	1	192.57	1	
1/4	3,033.60	1/4	2,676.78	1/4	2,319.94	1/4	1,963.11	1/4	1,606.28	1/4	1,249.45	1/4	892.62	1/4	535.78	1/4	185.61	1/4	
1/2	3,026.17	1/2	2,669.34	1/2	2,312.51	1/2	1,955.68	1/2	1,598.84	1/2	1,242.01	1/2	885.18	1/2	528.35	1/2	178.66	1/2	
3/4	3,018.74	3/4	2,661.91	3/4	2,305.08	3/4	1,948.25	3/4	1,591.41	3/4	1,234.58	3/4	877.75	3/4	520.84	3/4	171.89	3/4	
2	3,011.30	2	2,654.47	2	2,297.64	2	1,940.81	2	1,583.98	2	1,227.15	2	870.31	2	513.34	2	165.13	2	
1/4	3,003.87	1/4	2,647.04	1/4	2,290.21	1/4	1,933.38	1/4	1,576.54	1/4	1,219.71	1/4	862.88	1/4	505.83	1/4	158.36	1/4	
1/2	2,996.44	1/2	2,639.60	1/2	2,282.77	1/2	1,925.94	1/2	1,569.11	1/2	1,212.28	1/2	855.44	1/2	498.32	1/2	151.59	1/2	
3/4	2,989.00	3/4	2,632.17	3/4	2,275.34	3/4	1,918.51	3/4	1,561.68	3/4	1,204.85	3/4	848.01	3/4	490.74	3/4	145.00	3/4	
3	2,981.57	3	2,624.74	3	2,267.91	3	1,911.07	3	1,554.24	3	1,197.41	3	840.58	3	483.17	3	138.42	3	
1/4	2,974.13	1/4	2,617.30	1/4	2,260.47	1/4	1,903.64	1/4	1,546.81	1/4	1,189.98	1/4	833.14	1/4	475.59	1/4	131.83	1/4	
1/2	2,966.70	1/2	2,609.87	1/2	2,253.04	1/2	1,896.20	1/2	1,539.37	1/2	1,182.54	1/2	825.71	1/2	468.01	1/2	125.24	1/2	
3/4	2,959.26	3/4	2,602.44	3/4	2,245.61	3/4	1,888.77	3/4	1,531.94	3/4	1,175.11	3/4	818.28	3/4	460.50	3/4	118.72	3/4	
4	2,951.83	4	2,595.00	4	2,238.17	4	1,881.34	4	1,524.51	4	1,167.67	4	810.84	4	452.98	4	112.19	4	
1/4	2,944.39	1/4	2,587.57	1/4	2,230.74	1/4	1,873.90	1/4	1,517.07	1/4	1,160.24	1/4	803.41	1/4	445.47	1/4	105.67	1/4	
1/2	2,936.96	1/2	2,580.13	1/2	2,223.30	1/2	1,866.47	1/2	1,509.64	1/2	1,152.80	1/2	795.97	1/2	437.95	1/2	99.14	1/2	
3/4	2,929.53	3/4	2,572.70	3/4	2,215.87	3/4	1,859.04	3/4	1,502.21	3/4	1,145.37	3/4	788.54	3/4	430.50	3/4	92.68	3/4	
5	2,922.09	5	2,565.27	5	2,208.43	5	1,851.60	5	1,494.77	5	1,137.94	5	781.11	5	423.05	5	86.22	5	
1/4	2,914.66	1/4	2,557.83	1/4	2,201.00	1/4	1,844.17	1/4	1,487.34	1/4	1,130.50	1/4	773.67	1/4	415.59	1/4	79.75	1/4	
1/2	2,907.23	1/2	2,550.40	1/2	2,193.56	1/2	1,836.73	1/2	1,479.90	1/2	1,123.07	1/2	766.24	1/2	408.14	1/2	73.29	1/2	
3/4	2,899.80	3/4	2,542.97	3/4	2,186.13	3/4	1,829.30	3/4	1,472.47	3/4	1,115.64	3/4	758.81	3/4	400.75	3/4	66.89	3/4	
6	2,892.36	6	2,535.53	6	2,178.70	6	1,821.87	6	1,465.03	6	1,108.20	6	751.37	6	393.36	6	60.49	6	
1/4	2,884.93	1/4	2,528.10	1/4	2,171.26	1/4	1,814.43	1/4	1,457.60	1/4	1,100.77	1/4	743.94	1/4	385.97	1/4	54.08	1/4	
1/2	2,877.49	1/2	2,520.66	1/2	2,163.83	1/2	1,807.00	1/2	1,450.16	1/2	1,093.33	1/2	736.50	1/2	378.58	1/2	47.68	1/2	
3/4	2,870.06	3/4	2,513.23	3/4	2,156.40	3/4	1,799.57	3/4	1,442.73	3/4	1,085.90	3/4	729.07	3/4	371.25	3/4	42.42	3/4	
7	2,862.63	7	2,505.79	7	2,148.96	7	1,792.13	7	1,435.30	7	1,078.47	7	721.63	7	363.93	7	37.16	7	
1/4	2,855.19	1/4	2,498.36	1/4	2,141.53	1/4	1,784.70	1/4	1,427.86	1/4	1,071.03	1/4	714.20	1/4	356.60	1/4	31.90	1/4	
1/2	2,847.76	1/2	2,490.92	1/2	2,134.09	1/2	1,777.26	1/2	1,420.43	1/2	1,063.60	1/2	706.76	1/2	349.27	1/2	26.64	1/2	
3/4	2,840.33	3/4	2,483.49	3/4	2,126.66	3/4	1,769.83	3/4	1,413.00	3/4	1,056.17	3/4	699.33	3/4	342.01	3/4	22.83	3/4	
8	2,832.89	8	2,476.06	8	2,119.23	8	1,762.39	8	1,405.56	8	1,048.73	8	691.90	8	334.74	8	19.03	8	
1/4	2,825.46	1/4	2,468.62	1/4	2,111.79	1/4	1,754.96	1/4	1,398.13	1/4	1,041.30	1/4	684.46	1/4	327.48	1/4	15.22	1/4	
1/2	2,818.02	1/2	2,461.19	1/2	2,104.36	1/2	1,747.52	1/2	1,390.69	1/2	1,033.86	1/2	677.03	1/2	320.21	1/2	11.41	1/2	
3/4	2,810.59	3/4	2,453.76	3/4	2,096.93	3/4	1,740.09	3/4	1,383.26	3/4	1,026.43	3/4	669.60	3/4	313.01	3/4	9.27	3/4	
9	2,803.15	9	2,446.32	9	2,089.49	9	1,732.66	9	1,375.83	9	1,018.99	9	662.16	9	305.80	9	7.13	9	
1/4	2,795.72	1/4	2,438.89	1/4	2,082.06	1/4	1,725.22	1/4	1,368.39	1/4	1,011.56	1/4	654.73	1/4	298.60	1/4	4.98	1/4	
1/2	2,788.28	1/2	2,431.45	1/2	2,074.62	1/2	1,717.79	1/2	1,360.96	1/2	1,004.12	1/2	647.29	1/2	291.39	1/2	2.84	1/2	
3/4	2,780.85	3/4	2,424.02	3/4	2,067.19	3/4	1,710.36	3/4	1,353.53	3/4	996.69	3/4	639.86	3/4	284.25	3/4		3/4	
10	2,773.42	10	2,416.59	10	2,059.75	10	1,702.92	10	1,346.09	10	989.26	10	632.43	10	277.11	10		10	
1/4	2,765.98	1/4	2,409.15	1/4	2,052.32	1/4	1,695.49	1/4	1,338.66	1/4	981.82	1/4	624.99	1/4	269.97	1/4		1/4	
1/2	2,758.55	1/2	2,401.72	1/2	2,044.88	1/2	1,688.05	1/2	1,331.22	1/2	974.39	1/2	617.56	1/2	262.83	1/2		1/2	
3/4	2,751.12	3/4	2,394.29	3/4	2,037.45	3/4	1,680.62	3/4	1,323.79	3/4	966.96	3/4	610.13	3/4	255.76	3/4		3/4	
11	2,743.68	11	2,386.85	11	2,030.02	11	1,673.19	11	1,316.35	11	959.52	11	602.69	11	248.68	11		11	
1/4	2,736.25	1/4	2,379.42	1/4	2,022.58	1/4	1,665.75	1/4	1,308.92	1/4	952.09	1/4	595.26	1/4	241.61	1/4		1/4	
1/2	2,728.81	1/2	2,371.98	1/2	2,015.15	1/2	1,658.32	1/2	1,301.48	1/2	944.65	1/2	587.82	1/2	234.53	1/2		1/2	
3/4	2,721.38	3/4	2,364.55	3/4	2,007.72	3/4	1,650.89	3/4	1,294.05	3/4	937.22	3/4	580.39	3/4	227.52	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/16/2006 INSP.
RECALCULATED: 04/11/2023 JS
REPRINTED: 04/11/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

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



BARGE "MMI 3054"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-09 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0	4,847.50	0	4,490.67	0	4,133.83	0	3,777.00	0	3,420.17
1/4		1/4		1/4		1/4		1/4		1/4	4,840.07	1/4	4,483.24	1/4	4,126.40	1/4	3,769.57	1/4	3,412.74
1/2		1/2		1/2		1/2		1/2		1/2	4,832.64	1/2	4,475.80	1/2	4,118.97	1/2	3,762.14	1/2	3,405.30
3/4		3/4		3/4		3/4		3/4		3/4	4,825.20	3/4	4,468.37	3/4	4,111.53	3/4	3,754.70	3/4	3,397.87
1		1		1		1		1	5,076.94	1	4,817.77	1	4,460.93	1	4,104.10	1	3,747.27	1	3,390.43
1/4		1/4		1/4		1/4		1/4	5,076.52	1/4	4,810.33	1/4	4,453.50	1/4	4,096.67	1/4	3,739.84	1/4	3,383.00
1/2		1/2		1/2		1/2		1/2	5,075.61	1/2	4,802.90	1/2	4,446.06	1/2	4,089.23	1/2	3,732.40	1/2	3,375.57
3/4		3/4		3/4		3/4		3/4	5,074.69	3/4	4,795.47	3/4	4,438.63	3/4	4,081.80	3/4	3,724.97	3/4	3,368.13
2		2		2		2		2	5,073.78	2	4,788.03	2	4,431.19	2	4,074.36	2	3,717.53	2	3,360.70
1/4		1/4		1/4		1/4		1/4	5,072.86	1/4	4,780.60	1/4	4,423.76	1/4	4,066.93	1/4	3,710.10	1/4	3,353.27
1/2		1/2		1/2		1/2		1/2	5,070.88	1/2	4,773.17	1/2	4,416.33	1/2	4,059.50	1/2	3,702.66	1/2	3,345.83
3/4		3/4		3/4		3/4		3/4	5,068.91	3/4	4,765.73	3/4	4,408.89	3/4	4,052.06	3/4	3,695.23	3/4	3,338.40
3		3		3		3		3	5,066.93	3	4,758.30	3	4,401.46	3	4,044.63	3	3,687.79	3	3,330.96
1/4		1/4		1/4		1/4		1/4	5,064.95	1/4	4,750.86	1/4	4,394.03	1/4	4,037.20	1/4	3,680.36	1/4	3,323.53
1/2		1/2		1/2		1/2		1/2	5,061.84	1/2	4,743.43	1/2	4,386.59	1/2	4,029.76	1/2	3,672.93	1/2	3,316.10
3/4		3/4		3/4		3/4		3/4	5,058.73	3/4	4,735.99	3/4	4,379.16	3/4	4,022.33	3/4	3,665.49	3/4	3,308.66
4		4		4		4		4	5,055.62	4	4,728.56	4	4,371.72	4	4,014.89	4	3,658.06	4	3,301.23
1/4		1/4		1/4		1/4		1/4	5,052.51	1/4	4,721.12	1/4	4,364.29	1/4	4,007.46	1/4	3,650.63	1/4	3,293.80
1/2		1/2		1/2		1/2		1/2	5,048.27	1/2	4,713.69	1/2	4,356.86	1/2	4,000.02	1/2	3,643.19	1/2	3,286.36
3/4		3/4		3/4		3/4		3/4	5,044.03	3/4	4,706.26	3/4	4,349.42	3/4	3,992.59	3/4	3,635.76	3/4	3,278.93
5		5		5		5		5	5,039.79	5	4,698.82	5	4,341.99	5	3,985.15	5	3,628.32	5	3,271.49
1/4		1/4		1/4		1/4		1/4	5,035.55	1/4	4,691.39	1/4	4,334.56	1/4	3,977.72	1/4	3,620.89	1/4	3,264.06
1/2		1/2		1/2		1/2		1/2	5,030.18	1/2	4,683.96	1/2	4,327.12	1/2	3,970.29	1/2	3,613.46	1/2	3,256.62
3/4		3/4		3/4		3/4		3/4	5,024.80	3/4	4,676.52	3/4	4,319.69	3/4	3,962.85	3/4	3,606.02	3/4	3,249.19
6		6		6		6		6	5,019.43	6	4,669.09	6	4,312.25	6	3,955.42	6	3,598.59	6	3,241.75
1/4		1/4		1/4		1/4		1/4	5,014.05	1/4	4,661.65	1/4	4,304.82	1/4	3,947.99	1/4	3,591.16	1/4	3,234.32
1/2		1/2		1/2		1/2		1/2	5,007.54	1/2	4,654.22	1/2	4,297.38	1/2	3,940.55	1/2	3,583.72	1/2	3,226.89
3/4		3/4		3/4		3/4		3/4	5,001.04	3/4	4,646.79	3/4	4,289.95	3/4	3,933.12	3/4	3,576.29	3/4	3,219.45
7		7		7		7		7	4,994.53	7	4,639.35	7	4,282.51	7	3,925.68	7	3,568.85	7	3,212.02
1/4		1/4		1/4		1/4		1/4	4,988.02	1/4	4,631.92	1/4	4,275.08	1/4	3,918.25	1/4	3,561.42	1/4	3,204.59
1/2		1/2		1/2		1/2		1/2	4,980.77	1/2	4,624.49	1/2	4,267.65	1/2	3,910.82	1/2	3,553.98	1/2	3,197.15
3/4		3/4		3/4		3/4		3/4	4,973.52	3/4	4,617.05	3/4	4,260.21	3/4	3,903.38	3/4	3,546.55	3/4	3,189.72
8		8		8		8		8	4,966.26	8	4,609.62	8	4,252.78	8	3,895.95	8	3,539.11	8	3,182.28
1/4		1/4		1/4		1/4		1/4	4,959.01	1/4	4,602.18	1/4	4,245.35	1/4	3,888.52	1/4	3,531.68	1/4	3,174.85
1/2		1/2		1/2		1/2		1/2	4,951.58	1/2	4,594.75	1/2	4,237.91	1/2	3,881.08	1/2	3,524.25	1/2	3,167.42
3/4		3/4		3/4		3/4		3/4	4,944.15	3/4	4,587.31	3/4	4,230.48	3/4	3,873.65	3/4	3,516.81	3/4	3,159.98
9		9		9		9		9	4,936.71	9	4,579.87	9	4,223.04	9	3,866.21	9	3,509.38	9	3,152.55
1/4		1/4		1/4		1/4		1/4	4,929.28	1/4	4,572.44	1/4	4,215.61	1/4	3,858.78	1/4	3,501.95	1/4	3,145.12
1/2		1/2		1/2		1/2		1/2	4,921.85	1/2	4,565.01	1/2	4,208.18	1/2	3,851.34	1/2	3,494.51	1/2	3,137.68
3/4		3/4		3/4		3/4		3/4	4,914.41	3/4	4,557.57	3/4	4,200.74	3/4	3,843.91	3/4	3,487.08	3/4	3,130.25
10		10		10		10		10	4,906.98	10	4,550.14	10	4,193.31	10	3,836.47	10	3,479.64	10	3,122.81
1/4		1/4		1/4		1/4		1/4	4,899.54	1/4	4,542.71	1/4	4,185.88	1/4	3,829.04	1/4	3,472.21	1/4	3,115.38
1/2		1/2		1/2		1/2		1/2	4,892.11	1/2	4,535.27	1/2	4,178.44	1/2	3,821.61	1/2	3,464.78	1/2	3,107.94
3/4		3/4		3/4		3/4		3/4	4,884.67	3/4	4,527.84	3/4	4,171.01	3/4	3,814.17	3/4	3,457.34	3/4	3,100.51
11		11		11		11		11	4,877.24	11	4,520.40	11	4,163.57	11	3,806.74	11	3,449.91	11	3,093.07
1/4		1/4		1/4		1/4		1/4	4,869.80	1/4	4,512.97	1/4	4,156.14	1/4	3,799.31	1/4	3,442.48	1/4	3,085.64
1/2		1/2		1/2		1/2		1/2	4,862.37	1/2	4,505.54	1/2	4,148.70	1/2	3,791.87	1/2	3,435.04	1/2	3,078.21
3/4		3/4		3/4		3/4		3/4	4,854.94	3/4	4,498.10	3/4	4,141.27	3/4	3,784.44	3/4	3,427.61	3/4	3,070.77

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 03'-00" OFF CENTERLINE AND 03'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MMI 3054"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-09 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	3,063.34	0	2,706.51	0	2,349.68	0	1,992.85	0	1,636.02	0	1,279.18	0	922.35	0	565.52	0	213.49	0	
1/4	3,055.91	1/4	2,699.08	1/4	2,342.24	1/4	1,985.41	1/4	1,628.58	1/4	1,271.75	1/4	914.92	1/4	558.08	1/4	206.47	1/4	
1/2	3,048.47	1/2	2,691.65	1/2	2,334.81	1/2	1,977.98	1/2	1,621.15	1/2	1,264.32	1/2	907.49	1/2	550.65	1/2	199.52	1/2	
3/4	3,041.04	3/4	2,684.21	3/4	2,327.38	3/4	1,970.55	3/4	1,613.71	3/4	1,256.88	3/4	900.05	3/4	543.22	3/4	192.57	3/4	
1	3,033.60	1	2,676.78	1	2,319.94	1	1,963.11	1	1,606.28	1	1,249.45	1	892.62	1	535.78	1	185.61	1	
1/4	3,026.17	1/4	2,669.34	1/4	2,312.51	1/4	1,955.68	1/4	1,598.84	1/4	1,242.01	1/4	885.18	1/4	528.35	1/4	178.66	1/4	
1/2	3,018.74	1/2	2,661.91	1/2	2,305.08	1/2	1,948.25	1/2	1,591.41	1/2	1,234.58	1/2	877.75	1/2	520.84	1/2	171.89	1/2	
3/4	3,011.30	3/4	2,654.47	3/4	2,297.64	3/4	1,940.81	3/4	1,583.98	3/4	1,227.15	3/4	870.31	3/4	513.34	3/4	165.13	3/4	
2	3,003.87	2	2,647.04	2	2,290.21	2	1,933.38	2	1,576.54	2	1,219.71	2	862.88	2	505.83	2	158.36	2	
1/4	2,996.44	1/4	2,639.60	1/4	2,282.77	1/4	1,925.94	1/4	1,569.11	1/4	1,212.28	1/4	855.44	1/4	498.32	1/4	151.59	1/4	
1/2	2,989.00	1/2	2,632.17	1/2	2,275.34	1/2	1,918.51	1/2	1,561.68	1/2	1,204.85	1/2	848.01	1/2	490.74	1/2	145.00	1/2	
3/4	2,981.57	3/4	2,624.74	3/4	2,267.91	3/4	1,911.07	3/4	1,554.24	3/4	1,197.41	3/4	840.58	3/4	483.17	3/4	138.42	3/4	
3	2,974.13	3	2,617.30	3	2,260.47	3	1,903.64	3	1,546.81	3	1,189.98	3	833.14	3	475.59	3	131.83	3	
1/4	2,966.70	1/4	2,609.87	1/4	2,253.04	1/4	1,896.20	1/4	1,539.37	1/4	1,182.54	1/4	825.71	1/4	468.01	1/4	125.24	1/4	
1/2	2,959.26	1/2	2,602.44	1/2	2,245.61	1/2	1,888.77	1/2	1,531.94	1/2	1,175.11	1/2	818.28	1/2	460.50	1/2	118.72	1/2	
3/4	2,951.83	3/4	2,595.00	3/4	2,238.17	3/4	1,881.34	3/4	1,524.51	3/4	1,167.67	3/4	810.84	3/4	452.98	3/4	112.19	3/4	
4	2,944.39	4	2,587.57	4	2,230.74	4	1,873.90	4	1,517.07	4	1,160.24	4	803.41	4	445.47	4	105.67	4	
1/4	2,936.96	1/4	2,580.13	1/4	2,223.30	1/4	1,866.47	1/4	1,509.64	1/4	1,152.80	1/4	795.97	1/4	437.95	1/4	99.14	1/4	
1/2	2,929.53	1/2	2,572.70	1/2	2,215.87	1/2	1,859.04	1/2	1,502.21	1/2	1,145.37	1/2	788.54	1/2	430.50	1/2	92.68	1/2	
3/4	2,922.09	3/4	2,565.27	3/4	2,208.43	3/4	1,851.60	3/4	1,494.77	3/4	1,137.94	3/4	781.11	3/4	423.05	3/4	86.22	3/4	
5	2,914.66	5	2,557.83	5	2,201.00	5	1,844.17	5	1,487.34	5	1,130.50	5	773.67	5	415.59	5	79.75	5	
1/4	2,907.23	1/4	2,550.40	1/4	2,193.56	1/4	1,836.73	1/4	1,479.90	1/4	1,123.07	1/4	766.24	1/4	408.14	1/4	73.29	1/4	
1/2	2,899.80	1/2	2,542.97	1/2	2,186.13	1/2	1,829.30	1/2	1,472.47	1/2	1,115.64	1/2	758.81	1/2	400.75	1/2	66.89	1/2	
3/4	2,892.36	3/4	2,535.53	3/4	2,178.70	3/4	1,821.87	3/4	1,465.03	3/4	1,108.20	3/4	751.37	3/4	393.36	3/4	60.49	3/4	
6	2,884.93	6	2,528.10	6	2,171.26	6	1,814.43	6	1,457.60	6	1,100.77	6	743.94	6	385.97	6	54.08	6	
1/4	2,877.49	1/4	2,520.66	1/4	2,163.83	1/4	1,807.00	1/4	1,450.16	1/4	1,093.33	1/4	736.50	1/4	378.58	1/4	47.68	1/4	
1/2	2,870.06	1/2	2,513.23	1/2	2,156.40	1/2	1,799.57	1/2	1,442.73	1/2	1,085.90	1/2	729.07	1/2	371.25	1/2	42.42	1/2	
3/4	2,862.63	3/4	2,505.79	3/4	2,148.96	3/4	1,792.13	3/4	1,435.30	3/4	1,078.47	3/4	721.63	3/4	363.93	3/4	37.16	3/4	
7	2,855.19	7	2,498.36	7	2,141.53	7	1,784.70	7	1,427.86	7	1,071.03	7	714.20	7	356.60	7	31.90	7	
1/4	2,847.76	1/4	2,490.92	1/4	2,134.09	1/4	1,777.26	1/4	1,420.43	1/4	1,063.60	1/4	706.76	1/4	349.27	1/4	26.64	1/4	
1/2	2,840.33	1/2	2,483.49	1/2	2,126.66	1/2	1,769.83	1/2	1,413.00	1/2	1,056.17	1/2	699.33	1/2	342.01	1/2	22.83	1/2	
3/4	2,832.89	3/4	2,476.06	3/4	2,119.23	3/4	1,762.39	3/4	1,405.56	3/4	1,048.73	3/4	691.90	3/4	334.74	3/4	19.03	3/4	
8	2,825.46	8	2,468.62	8	2,111.79	8	1,754.96	8	1,398.13	8	1,041.30	8	684.46	8	327.48	8	15.22	8	
1/4	2,818.02	1/4	2,461.19	1/4	2,104.36	1/4	1,747.52	1/4	1,390.69	1/4	1,033.86	1/4	677.03	1/4	320.21	1/4	11.41	1/4	
1/2	2,810.59	1/2	2,453.76	1/2	2,096.93	1/2	1,740.09	1/2	1,383.26	1/2	1,026.43	1/2	669.60	1/2	313.01	1/2	9.27	1/2	
3/4	2,803.15	3/4	2,446.32	3/4	2,089.49	3/4	1,732.66	3/4	1,375.83	3/4	1,018.99	3/4	662.16	3/4	305.80	3/4	7.13	3/4	
9	2,795.72	9	2,438.89	9	2,082.06	9	1,725.22	9	1,368.39	9	1,011.56	9	654.73	9	298.60	9	4.98	9	
1/4	2,788.28	1/4	2,431.45	1/4	2,074.62	1/4	1,717.79	1/4	1,360.96	1/4	1,004.12	1/4	647.29	1/4	291.39	1/4	2.84	1/4	
1/2	2,780.85	1/2	2,424.02	1/2	2,067.19	1/2	1,710.36	1/2	1,353.53	1/2	996.69	1/2	639.86	1/2	284.25	1/2		1/2	
3/4	2,773.42	3/4	2,416.59	3/4	2,059.75	3/4	1,702.92	3/4	1,346.09	3/4	989.26	3/4	632.43	3/4	277.11	3/4		3/4	
10	2,765.98	10	2,409.15	10	2,052.32	10	1,695.49	10	1,338.66	10	981.82	10	624.99	10	269.97	10		10	
1/4	2,758.55	1/4	2,401.72	1/4	2,044.88	1/4	1,688.05	1/4	1,331.22	1/4	974.39	1/4	617.56	1/4	262.83	1/4		1/4	
1/2	2,751.12	1/2	2,394.29	1/2	2,037.45	1/2	1,680.62	1/2	1,323.79	1/2	966.96	1/2	610.13	1/2	255.76	1/2		1/2	
3/4	2,743.68	3/4	2,386.85	3/4	2,030.02	3/4	1,673.19	3/4	1,316.35	3/4	959.52	3/4	602.69	3/4	248.68	3/4		3/4	
11	2,736.25	11	2,379.42	11	2,022.58	11	1,665.75	11	1,308.92	11	952.09	11	595.26	11	241.61	11		11	
1/4	2,728.81	1/4	2,371.98	1/4	2,015.15	1/4	1,658.32	1/4	1,301.48	1/4	944.65	1/4	587.82	1/4	234.53	1/4		1/4	
1/2	2,721.38	1/2	2,364.55	1/2	2,007.72	1/2	1,650.89	1/2	1,294.05	1/2	937.22	1/2	580.39	1/2	227.52	1/2		1/2	
3/4	2,713.95	3/4	2,357.11	3/4	2,000.28	3/4	1,643.45	3/4	1,286.62	3/4	929.79	3/4	572.95	3/4	220.50	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/16/2006 INSP.
RECALCULATED: 04/11/2023 JS
REPRINTED: 04/11/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

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



BARGE "MMI 3054"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-09 1/4"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.		
IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN
0		0	0		0	0		0	0		0	0		0	4,906.91	0	4,556.95	0		4,196.09	0		3,835.22	0		3,474.36			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,899.77	1/4	4,549.43	1/4		4,188.57	1/4		3,827.70	1/4		3,466.84			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,892.63	1/2	4,541.91	1/2		4,181.05	1/2		3,820.18	1/2		3,459.32			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,885.49	3/4	4,534.40	3/4		4,173.54	3/4		3,812.67	3/4		3,451.81			
1		1	1		1	1		1	1		1	5,125.14	1	4,878.34	1	4,526.88	1		4,166.02	1		3,805.15	1		3,444.29				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,124.74	1/4	4,871.20	1/4	4,519.36	1/4		4,158.50	1/4		3,797.63	1/4		3,436.77				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,123.88	1/2	4,864.06	1/2	4,511.84	1/2		4,150.98	1/2		3,790.11	1/2		3,429.25				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,123.02	3/4	4,856.92	3/4	4,504.33	3/4		4,143.46	3/4		3,782.60	3/4		3,421.74				
2		2	2		2	2		2	2		2	5,122.15	2	4,849.77	2	4,496.81	2		4,135.94	2		3,775.08	2		3,414.22				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,121.29	1/4	4,842.63	1/4	4,489.29	1/4		4,128.42	1/4		3,767.56	1/4		3,406.70				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,119.43	1/2	4,835.49	1/2	4,481.77	1/2		4,120.90	1/2		3,760.04	1/2		3,399.18				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,117.57	3/4	4,828.35	3/4	4,474.26	3/4		4,113.39	3/4		3,752.53	3/4		3,391.66				
3		3	3		3	3		3	3		3	5,115.71	3	4,821.20	3	4,466.74	3		4,105.87	3		3,745.01	3		3,384.14				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,113.85	1/4	4,814.06	1/4	4,459.22	1/4		4,098.35	1/4		3,737.49	1/4		3,376.62				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,110.92	1/2	4,806.92	1/2	4,451.70	1/2		4,090.83	1/2		3,729.97	1/2		3,369.10				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,108.00	3/4	4,799.78	3/4	4,444.18	3/4		4,083.32	3/4		3,722.46	3/4		3,361.59				
4		4	4		4	4		4	4		4	5,105.07	4	4,792.64	4	4,436.66	4		4,075.80	4		3,714.94	4		3,354.07				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,102.14	1/4	4,785.50	1/4	4,429.14	1/4		4,068.28	1/4		3,707.42	1/4		3,346.55				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,098.15	1/2	4,778.36	1/2	4,421.62	1/2		4,060.76	1/2		3,699.90	1/2		3,339.03				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,094.16	3/4	4,771.22	3/4	4,414.11	3/4		4,053.25	3/4		3,692.38	3/4		3,331.52				
5		5	5		5	5		5	5		5	5,090.16	5	4,764.07	5	4,406.59	5		4,045.73	5		3,684.86	5		3,324.00				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,086.17	1/4	4,756.93	1/4	4,399.07	1/4		4,038.21	1/4		3,677.34	1/4		3,316.48				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,081.11	1/2	4,749.79	1/2	4,391.55	1/2		4,030.69	1/2		3,669.82	1/2		3,308.96				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,076.05	3/4	4,742.65	3/4	4,384.04	3/4		4,023.18	3/4		3,662.31	3/4		3,301.45				
6		6	6		6	6		6	6		6	5,070.99	6	4,735.50	6	4,376.52	6		4,015.66	6		3,654.79	6		3,293.93				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,065.93	1/4	4,728.36	1/4	4,369.00	1/4		4,008.14	1/4		3,647.27	1/4		3,286.41				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,059.83	1/2	4,721.22	1/2	4,361.48	1/2		4,000.62	1/2		3,639.75	1/2		3,278.89				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,053.74	3/4	4,714.08	3/4	4,353.97	3/4		3,993.10	3/4		3,632.24	3/4		3,271.38				
7		7	7		7	7		7	7		7	5,047.64	7	4,706.93	7	4,346.45	7		3,985.58	7		3,624.72	7		3,263.86				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,041.54	1/4	4,699.79	1/4	4,338.93	1/4		3,978.06	1/4		3,617.20	1/4		3,256.34				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,034.67	1/2	4,692.27	1/2	4,331.41	1/2		3,970.54	1/2		3,609.68	1/2		3,248.82				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,027.79	3/4	4,684.76	3/4	4,323.90	3/4		3,963.03	3/4		3,602.17	3/4		3,241.30				
8		8	8		8	8		8	8		8	5,020.92	8	4,677.24	8	4,316.38	8		3,955.51	8		3,594.65	8		3,233.78				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,014.04	1/4	4,669.72	1/4	4,308.86	1/4		3,947.99	1/4		3,587.13	1/4		3,226.26				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,006.90	1/2	4,662.20	1/2	4,301.34	1/2		3,940.47	1/2		3,579.61	1/2		3,218.74				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,999.76	3/4	4,654.69	3/4	4,293.82	3/4		3,932.96	3/4		3,572.10	3/4		3,211.23				
9		9	9		9	9		9	9		9	4,992.61	9	4,647.17	9	4,286.30	9		3,925.44	9		3,564.58	9		3,203.71				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,985.47	1/4	4,639.65	1/4	4,278.78	1/4		3,917.92	1/4		3,557.06	1/4		3,196.19				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,978.33	1/2	4,632.13	1/2	4,271.26	1/2		3,910.40	1/2		3,549.54	1/2		3,188.67				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,971.19	3/4	4,624.62	3/4	4,263.75	3/4		3,902.89	3/4		3,542.02	3/4		3,181.16				
10		10	10		10	10		10	10		10	4,964.04	10	4,617.10	10	4,256.23	10		3,895.37	10		3,534.50	10		3,173.64				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,956.90	1/4	4,609.58	1/4	4,248.71	1/4		3,887.85	1/4		3,526.98	1/4		3,166.12				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,949.76	1/2	4,602.06	1/2	4,241.19	1/2		3,880.33	1/2		3,519.46	1/2		3,158.60				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,942.62	3/4	4,594.54	3/4	4,233.68	3/4		3,872.82	3/4		3,511.95	3/4		3,151.09				
11		11	11		11	11		11	11		11	4,935.48	11	4,587.02	11	4,226.16	11		3,865.30	11		3,504.43	11		3,143.57				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,928.34	1/4	4,579.50	1/4	4,218.64	1/4		3,857.78	1/4		3,496.91	1/4		3,136.05				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,921.20	1/2	4,571.98	1/2	4,211.12	1/2		3,850.26	1/2		3,489.39	1/2		3,128.53				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,914.06	3/4	4,564.47	3/4	4,203.61	3/4		3,842.74	3/4		3,481.88	3/4		3,121.02				

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" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 03'-00" OFF CENTERLINE AND 03'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MMI 3054"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-09 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	3,113.50	0	2,752.63	0	2,391.77	0	2,030.90	0	1,670.04	0	1,309.18	0	948.31	0	587.45	0	226.58	0	
1/4	3,105.98	1/4	2,745.11	1/4	2,384.25	1/4	2,023.38	1/4	1,662.52	1/4	1,301.66	1/4	940.79	1/4	579.93	1/4	219.06	1/4	
1/2	3,098.46	1/2	2,737.59	1/2	2,376.73	1/2	2,015.86	1/2	1,655.00	1/2	1,294.14	1/2	933.27	1/2	572.41	1/2	211.54	1/2	
3/4	3,090.94	3/4	2,730.08	3/4	2,369.22	3/4	2,008.35	3/4	1,647.49	3/4	1,286.62	3/4	925.76	3/4	564.90	3/4	204.03	3/4	
1	3,083.42	1	2,722.56	1	2,361.70	1	2,000.83	1	1,639.97	1	1,279.10	1	918.24	1	557.38	1	196.51	1	
1/4	3,075.90	1/4	2,715.04	1/4	2,354.18	1/4	1,993.31	1/4	1,632.45	1/4	1,271.58	1/4	910.72	1/4	549.86	1/4	188.99	1/4	
1/2	3,068.38	1/2	2,707.52	1/2	2,346.66	1/2	1,985.79	1/2	1,624.93	1/2	1,264.06	1/2	903.20	1/2	542.34	1/2	181.77	1/2	
3/4	3,060.87	3/4	2,700.01	3/4	2,339.14	3/4	1,978.28	3/4	1,617.42	3/4	1,256.55	3/4	895.69	3/4	534.82	3/4	174.54	3/4	
2	3,053.35	2	2,692.49	2	2,331.62	2	1,970.76	2	1,609.90	2	1,249.03	2	888.17	2	527.30	2	167.32	2	
1/4	3,045.83	1/4	2,684.97	1/4	2,324.10	1/4	1,963.24	1/4	1,602.38	1/4	1,241.51	1/4	880.65	1/4	519.78	1/4	160.09	1/4	
1/2	3,038.31	1/2	2,677.45	1/2	2,316.58	1/2	1,955.72	1/2	1,594.86	1/2	1,233.99	1/2	873.13	1/2	512.26	1/2	153.16	1/2	
3/4	3,030.80	3/4	2,669.94	3/4	2,309.07	3/4	1,948.21	3/4	1,587.34	3/4	1,226.48	3/4	865.62	3/4	504.75	3/4	146.22	3/4	
3	3,023.28	3	2,662.42	3	2,301.55	3	1,940.69	3	1,579.82	3	1,218.96	3	858.10	3	497.23	3	139.29	3	
1/4	3,015.76	1/4	2,654.90	1/4	2,294.03	1/4	1,933.17	1/4	1,572.30	1/4	1,211.44	1/4	850.58	1/4	489.71	1/4	132.35	1/4	
1/2	3,008.24	1/2	2,647.38	1/2	2,286.51	1/2	1,925.65	1/2	1,564.78	1/2	1,203.92	1/2	843.06	1/2	482.19	1/2	125.42	1/2	
3/4	3,000.73	3/4	2,639.86	3/4	2,279.00	3/4	1,918.14	3/4	1,557.27	3/4	1,196.41	3/4	835.54	3/4	474.68	3/4	118.49	3/4	
4	2,993.21	4	2,632.34	4	2,271.48	4	1,910.62	4	1,549.75	4	1,188.89	4	828.02	4	467.16	4	111.55	4	
1/4	2,985.69	1/4	2,624.82	1/4	2,263.96	1/4	1,903.10	1/4	1,542.23	1/4	1,181.37	1/4	820.50	1/4	459.64	1/4	104.62	1/4	
1/2	2,978.17	1/2	2,617.30	1/2	2,256.44	1/2	1,895.58	1/2	1,534.71	1/2	1,173.85	1/2	812.98	1/2	452.12	1/2	97.69	1/2	
3/4	2,970.66	3/4	2,609.79	3/4	2,248.93	3/4	1,888.06	3/4	1,527.20	3/4	1,166.34	3/4	805.47	3/4	444.61	3/4	90.75	3/4	
5	2,963.14	5	2,602.27	5	2,241.41	5	1,880.54	5	1,519.68	5	1,158.82	5	797.95	5	437.09	5	83.82	5	
1/4	2,955.62	1/4	2,594.75	1/4	2,233.89	1/4	1,873.02	1/4	1,512.16	1/4	1,151.30	1/4	790.43	1/4	429.57	1/4	76.88	1/4	
1/2	2,948.10	1/2	2,587.23	1/2	2,226.37	1/2	1,865.50	1/2	1,504.64	1/2	1,143.78	1/2	782.91	1/2	422.05	1/2	69.95	1/2	
3/4	2,940.58	3/4	2,579.72	3/4	2,218.86	3/4	1,857.99	3/4	1,497.13	3/4	1,136.26	3/4	775.40	3/4	414.54	3/4	63.01	3/4	
6	2,933.06	6	2,572.20	6	2,211.34	6	1,850.47	6	1,489.61	6	1,128.74	6	767.88	6	407.02	6	56.08	6	
1/4	2,925.54	1/4	2,564.68	1/4	2,203.82	1/4	1,842.95	1/4	1,482.09	1/4	1,121.22	1/4	760.36	1/4	399.50	1/4	49.14	1/4	
1/2	2,918.02	1/2	2,557.16	1/2	2,196.30	1/2	1,835.43	1/2	1,474.57	1/2	1,113.70	1/2	752.84	1/2	391.98	1/2	43.48	1/2	
3/4	2,910.51	3/4	2,549.65	3/4	2,188.78	3/4	1,827.92	3/4	1,467.06	3/4	1,106.19	3/4	745.33	3/4	384.46	3/4	37.81	3/4	
7	2,902.99	7	2,542.13	7	2,181.26	7	1,820.40	7	1,459.54	7	1,098.67	7	737.81	7	376.94	7	32.15	7	
1/4	2,895.47	1/4	2,534.61	1/4	2,173.74	1/4	1,812.88	1/4	1,452.02	1/4	1,091.15	1/4	730.29	1/4	369.42	1/4	26.48	1/4	
1/2	2,887.95	1/2	2,527.09	1/2	2,166.22	1/2	1,805.36	1/2	1,444.50	1/2	1,083.63	1/2	722.77	1/2	361.90	1/2	22.50	1/2	
3/4	2,880.44	3/4	2,519.58	3/4	2,158.71	3/4	1,797.85	3/4	1,436.98	3/4	1,076.12	3/4	715.26	3/4	354.39	3/4	18.51	3/4	
8	2,872.92	8	2,512.06	8	2,151.19	8	1,790.33	8	1,429.46	8	1,068.60	8	707.74	8	346.87	8	14.53	8	
1/4	2,865.40	1/4	2,504.54	1/4	2,143.67	1/4	1,782.81	1/4	1,421.94	1/4	1,061.08	1/4	700.22	1/4	339.35	1/4	10.54	1/4	
1/2	2,857.88	1/2	2,497.02	1/2	2,136.15	1/2	1,775.29	1/2	1,414.42	1/2	1,053.56	1/2	692.70	1/2	331.83	1/2	8.49	1/2	
3/4	2,850.37	3/4	2,489.50	3/4	2,128.64	3/4	1,767.78	3/4	1,406.91	3/4	1,046.05	3/4	685.18	3/4	324.32	3/4	6.44	3/4	
9	2,842.85	9	2,481.98	9	2,121.12	9	1,760.26	9	1,399.39	9	1,038.53	9	677.66	9	316.80	9	4.38	9	
1/4	2,835.33	1/4	2,474.46	1/4	2,113.60	1/4	1,752.74	1/4	1,391.87	1/4	1,031.01	1/4	670.14	1/4	309.28	1/4	2.33	1/4	
1/2	2,827.81	1/2	2,466.94	1/2	2,106.08	1/2	1,745.22	1/2	1,384.35	1/2	1,023.49	1/2	662.62	1/2	301.76	1/2		1/2	
3/4	2,820.30	3/4	2,459.43	3/4	2,098.57	3/4	1,737.70	3/4	1,376.84	3/4	1,015.98	3/4	655.11	3/4	294.25	3/4		3/4	
10	2,812.78	10	2,451.91	10	2,091.05	10	1,730.18	10	1,369.32	10	1,008.46	10	647.59	10	286.73	10		10	
1/4	2,805.26	1/4	2,444.39	1/4	2,083.53	1/4	1,722.66	1/4	1,361.80	1/4	1,000.94	1/4	640.07	1/4	279.21	1/4		1/4	
1/2	2,797.74	1/2	2,436.87	1/2	2,076.01	1/2	1,715.14	1/2	1,354.28	1/2	993.42	1/2	632.55	1/2	271.69	1/2		1/2	
3/4	2,790.22	3/4	2,429.36	3/4	2,068.50	3/4	1,707.63	3/4	1,346.77	3/4	985.90	3/4	625.04	3/4	264.18	3/4		3/4	
11	2,782.70	11	2,421.84	11	2,060.98	11	1,700.11	11	1,339.25	11	978.38	11	617.52	11	256.66	11		11	
1/4	2,775.18	1/4	2,414.32	1/4	2,053.46	1/4	1,692.59	1/4	1,331.73	1/4	970.86	1/4	610.00	1/4	249.14	1/4		1/4	
1/2	2,767.66	1/2	2,406.80	1/2	2,045.94	1/2	1,685.07	1/2	1,324.21	1/2	963.34	1/2	602.48	1/2	241.62	1/2		1/2	
3/4	2,760.15	3/4	2,399.29	3/4	2,038.42	3/4	1,677.56	3/4	1,316.70	3/4	955.83	3/4	594.97	3/4	234.10	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/16/2006 INSP.
RECALCULATED: 04/11/2023 JS
REPRINTED: 04/11/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "MMI 3054"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-09 1/2"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.		
IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN
0		0	0		0	0		0	0		0	0		0	4,914.06	0	4,564.47	0		4,203.61	0		3,842.74	0		3,481.88			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,906.91	1/4	4,556.95	1/4		4,196.09	1/4		3,835.22	1/4		3,474.36			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,899.77	1/2	4,549.43	1/2		4,188.57	1/2		3,827.70	1/2		3,466.84			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,892.63	3/4	4,541.91	3/4		4,181.05	3/4		3,820.18	3/4		3,459.32			
1		1	1		1	1		1	1		1	1		1	4,885.49	1	4,534.40	1		4,173.54	1		3,812.67	1		3,451.81			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,125.14	1/4	4,878.34	1/4		4,526.88	1/4		4,166.02	1/4		3,805.15	1/4		3,444.29
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,124.74	1/2	4,871.20	1/2		4,519.36	1/2		4,158.50	1/2		3,797.63	1/2		3,436.77
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,123.88	3/4	4,864.06	3/4		4,511.84	3/4		4,150.98	3/4		3,790.11	3/4		3,429.25
2		2	2		2	2		2	2		2	2		2	5,123.02	2	4,856.92	2		4,504.33	2		4,143.46	2		3,782.60	2		3,421.74
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,122.15	1/4	4,849.77	1/4		4,496.81	1/4		4,135.94	1/4		3,775.08	1/4		3,414.22
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,121.29	1/2	4,842.63	1/2		4,489.29	1/2		4,128.42	1/2		3,767.56	1/2		3,406.70
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,119.43	3/4	4,835.49	3/4		4,481.77	3/4		4,120.90	3/4		3,760.04	3/4		3,399.18
3		3	3		3	3		3	3		3	3		3	5,117.57	3	4,828.35	3		4,474.26	3		4,113.39	3		3,752.53	3		3,391.66
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,115.71	1/4	4,821.20	1/4		4,466.74	1/4		4,105.87	1/4		3,745.01	1/4		3,384.14
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,113.85	1/2	4,814.06	1/2		4,459.22	1/2		4,098.35	1/2		3,737.49	1/2		3,376.62
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,110.92	3/4	4,806.92	3/4		4,451.70	3/4		4,090.83	3/4		3,729.97	3/4		3,369.10
4		4	4		4	4		4	4		4	4		4	5,108.00	4	4,799.78	4		4,444.18	4		4,083.32	4		3,722.46	4		3,361.59
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,105.07	1/4	4,792.64	1/4		4,436.66	1/4		4,075.80	1/4		3,714.94	1/4		3,354.07
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,102.14	1/2	4,785.50	1/2		4,429.14	1/2		4,068.28	1/2		3,707.42	1/2		3,346.55
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,098.15	3/4	4,778.36	3/4		4,421.62	3/4		4,060.76	3/4		3,699.90	3/4		3,339.03
5		5	5		5	5		5	5		5	5		5	5,094.16	5	4,771.22	5		4,414.11	5		4,053.25	5		3,692.38	5		3,331.52
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,090.16	1/4	4,764.07	1/4		4,406.59	1/4		4,045.73	1/4		3,684.86	1/4		3,324.00
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,086.17	1/2	4,756.93	1/2		4,399.07	1/2		4,038.21	1/2		3,677.34	1/2		3,316.48
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,081.11	3/4	4,749.79	3/4		4,391.55	3/4		4,030.69	3/4		3,669.82	3/4		3,308.96
6		6	6		6	6		6	6		6	6		6	5,076.05	6	4,742.65	6		4,384.04	6		4,023.18	6		3,662.31	6		3,301.45
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,070.99	1/4	4,735.50	1/4		4,376.52	1/4		4,015.66	1/4		3,654.79	1/4		3,293.93
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,065.93	1/2	4,728.36	1/2		4,369.00	1/2		4,008.14	1/2		3,647.27	1/2		3,286.41
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,059.83	3/4	4,721.22	3/4		4,361.48	3/4		4,000.62	3/4		3,639.75	3/4		3,278.89
7		7	7		7	7		7	7		7	7		7	5,053.74	7	4,714.08	7		4,353.97	7		3,993.10	7		3,632.24	7		3,271.38
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,047.64	1/4	4,706.93	1/4		4,346.45	1/4		3,985.58	1/4		3,624.72	1/4		3,263.86
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,041.54	1/2	4,699.79	1/2		4,338.93	1/2		3,978.06	1/2		3,617.20	1/2		3,256.34
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,034.67	3/4	4,692.27	3/4		4,331.41	3/4		3,970.54	3/4		3,609.68	3/4		3,248.82
8		8	8		8	8		8	8		8	8		8	5,027.79	8	4,684.76	8		4,323.90	8		3,963.03	8		3,602.17	8		3,241.30
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	5,020.92	1/4	4,677.24	1/4		4,316.38	1/4		3,955.51	1/4		3,594.65	1/4		3,233.78
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	5,014.04	1/2	4,669.72	1/2		4,308.86	1/2		3,947.99	1/2		3,587.13	1/2		3,226.26
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	5,006.90	3/4	4,662.20	3/4		4,301.34	3/4		3,940.47	3/4		3,579.61	3/4		3,218.74
9		9	9		9	9		9	9		9	9		9	4,999.76	9	4,654.69	9		4,293.82	9		3,932.96	9		3,572.10	9		3,211.23
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,992.61	1/4	4,647.17	1/4		4,286.30	1/4		3,925.44	1/4		3,564.58	1/4		3,203.71
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,985.47	1/2	4,639.65	1/2		4,278.78	1/2		3,917.92	1/2		3,557.06	1/2		3,196.19
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,978.33	3/4	4,632.13	3/4		4,271.26	3/4		3,910.40	3/4		3,549.54	3/4		3,188.67
10		10	10		10	10		10	10		10	10		10	4,971.19	10	4,624.62	10		4,263.75	10		3,902.89	10		3,542.02	10		3,181.16
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,964.04	1/4	4,617.10	1/4		4,256.23	1/4		3,895.37	1/4		3,534.50	1/4		3,173.64
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,956.90	1/2	4,609.58	1/2		4,248.71	1/2		3,887.85	1/2		3,526.98	1/2		3,166.12
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,949.76	3/4	4,602.06	3/4		4,241.19	3/4		3,880.33	3/4		3,519.46	3/4		3,158.60
11		11	11		11	11		11	11		11	11		11	4,942.62	11	4,594.54	11		4,233.68	11		3,872.82	11		3,511.95	11		3,151.09
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,935.48	1/4	4,587.02	1/4		4,226.16	1/4		3,865.30	1/4		3,504.43	1/4		3,143.57
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,928.34	1/2	4,579.50	1/2		4,218.64	1/2		3,857.78	1/2		3,496.91	1/2		3,136.05
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,921.20	3/4	4,571.98	3/4		4,211.12	3/4		3,850.26	3/4		3,489.39	3/4		3,128.53

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.



BARGE "MMI 3054"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,121.02	0	2,760.15	0	2,399.29	0	2,038.42	0	1,677.56	0	1,316.70	0	955.83	0	594.97	0	234.10	0	
1/4	3,113.50	1/4	2,752.63	1/4	2,391.77	1/4	2,030.90	1/4	1,670.04	1/4	1,309.18	1/4	948.31	1/4	587.45	1/4	226.58	1/4	
1/2	3,105.98	1/2	2,745.11	1/2	2,384.25	1/2	2,023.38	1/2	1,662.52	1/2	1,301.66	1/2	940.79	1/2	579.93	1/2	219.06	1/2	
3/4	3,098.46	3/4	2,737.59	3/4	2,376.73	3/4	2,015.86	3/4	1,655.00	3/4	1,294.14	3/4	933.27	3/4	572.41	3/4	211.54	3/4	
1	3,090.94	1	2,730.08	1	2,369.22	1	2,008.35	1	1,647.49	1	1,286.62	1	925.76	1	564.90	1	204.03	1	
1/4	3,083.42	1/4	2,722.56	1/4	2,361.70	1/4	2,000.83	1/4	1,639.97	1/4	1,279.10	1/4	918.24	1/4	557.38	1/4	196.51	1/4	
1/2	3,075.90	1/2	2,715.04	1/2	2,354.18	1/2	1,993.31	1/2	1,632.45	1/2	1,271.58	1/2	910.72	1/2	549.86	1/2	188.99	1/2	
3/4	3,068.38	3/4	2,707.52	3/4	2,346.66	3/4	1,985.79	3/4	1,624.93	3/4	1,264.06	3/4	903.20	3/4	542.34	3/4	181.77	3/4	
2	3,060.87	2	2,700.01	2	2,339.14	2	1,978.28	2	1,617.42	2	1,256.55	2	895.69	2	534.82	2	174.54	2	
1/4	3,053.35	1/4	2,692.49	1/4	2,331.62	1/4	1,970.76	1/4	1,609.90	1/4	1,249.03	1/4	888.17	1/4	527.30	1/4	167.32	1/4	
1/2	3,045.83	1/2	2,684.97	1/2	2,324.10	1/2	1,963.24	1/2	1,602.38	1/2	1,241.51	1/2	880.65	1/2	519.78	1/2	160.09	1/2	
3/4	3,038.31	3/4	2,677.45	3/4	2,316.58	3/4	1,955.72	3/4	1,594.86	3/4	1,233.99	3/4	873.13	3/4	512.26	3/4	153.16	3/4	
3	3,030.80	3	2,669.94	3	2,309.07	3	1,948.21	3	1,587.34	3	1,226.48	3	865.62	3	504.75	3	146.22	3	
1/4	3,023.28	1/4	2,662.42	1/4	2,301.55	1/4	1,940.69	1/4	1,579.82	1/4	1,218.96	1/4	858.10	1/4	497.23	1/4	139.29	1/4	
1/2	3,015.76	1/2	2,654.90	1/2	2,294.03	1/2	1,933.17	1/2	1,572.30	1/2	1,211.44	1/2	850.58	1/2	489.71	1/2	132.35	1/2	
3/4	3,008.24	3/4	2,647.38	3/4	2,286.51	3/4	1,925.65	3/4	1,564.78	3/4	1,203.92	3/4	843.06	3/4	482.19	3/4	125.42	3/4	
4	3,000.73	4	2,639.86	4	2,279.00	4	1,918.14	4	1,557.27	4	1,196.41	4	835.54	4	474.68	4	118.49	4	
1/4	2,993.21	1/4	2,632.34	1/4	2,271.48	1/4	1,910.62	1/4	1,549.75	1/4	1,188.89	1/4	828.02	1/4	467.16	1/4	111.55	1/4	
1/2	2,985.69	1/2	2,624.82	1/2	2,263.96	1/2	1,903.10	1/2	1,542.23	1/2	1,181.37	1/2	820.50	1/2	459.64	1/2	104.62	1/2	
3/4	2,978.17	3/4	2,617.30	3/4	2,256.44	3/4	1,895.58	3/4	1,534.71	3/4	1,173.85	3/4	812.98	3/4	452.12	3/4	97.69	3/4	
5	2,970.66	5	2,609.79	5	2,248.93	5	1,888.06	5	1,527.20	5	1,166.34	5	805.47	5	444.61	5	90.75	5	
1/4	2,963.14	1/4	2,602.27	1/4	2,241.41	1/4	1,880.54	1/4	1,519.68	1/4	1,158.82	1/4	797.95	1/4	437.09	1/4	83.82	1/4	
1/2	2,955.62	1/2	2,594.75	1/2	2,233.89	1/2	1,873.02	1/2	1,512.16	1/2	1,151.30	1/2	790.43	1/2	429.57	1/2	76.88	1/2	
3/4	2,948.10	3/4	2,587.23	3/4	2,226.37	3/4	1,865.50	3/4	1,504.64	3/4	1,143.78	3/4	782.91	3/4	422.05	3/4	69.95	3/4	
6	2,940.58	6	2,579.72	6	2,218.86	6	1,857.99	6	1,497.13	6	1,136.26	6	775.40	6	414.54	6	63.01	6	
1/4	2,933.06	1/4	2,572.20	1/4	2,211.34	1/4	1,850.47	1/4	1,489.61	1/4	1,128.74	1/4	767.88	1/4	407.02	1/4	56.08	1/4	
1/2	2,925.54	1/2	2,564.68	1/2	2,203.82	1/2	1,842.95	1/2	1,482.09	1/2	1,121.22	1/2	760.36	1/2	399.50	1/2	49.14	1/2	
3/4	2,918.02	3/4	2,557.16	3/4	2,196.30	3/4	1,835.43	3/4	1,474.57	3/4	1,113.70	3/4	752.84	3/4	391.98	3/4	43.48	3/4	
7	2,910.51	7	2,549.65	7	2,188.78	7	1,827.92	7	1,467.06	7	1,106.19	7	745.33	7	384.46	7	37.81	7	
1/4	2,902.99	1/4	2,542.13	1/4	2,181.26	1/4	1,820.40	1/4	1,459.54	1/4	1,098.67	1/4	737.81	1/4	376.94	1/4	32.15	1/4	
1/2	2,895.47	1/2	2,534.61	1/2	2,173.74	1/2	1,812.88	1/2	1,452.02	1/2	1,091.15	1/2	730.29	1/2	369.42	1/2	26.48	1/2	
3/4	2,887.95	3/4	2,527.09	3/4	2,166.22	3/4	1,805.36	3/4	1,444.50	3/4	1,083.63	3/4	722.77	3/4	361.90	3/4	22.50	3/4	
8	2,880.44	8	2,519.58	8	2,158.71	8	1,797.85	8	1,436.98	8	1,076.12	8	715.26	8	354.39	8	18.51	8	
1/4	2,872.92	1/4	2,512.06	1/4	2,151.19	1/4	1,790.33	1/4	1,429.46	1/4	1,068.60	1/4	707.74	1/4	346.87	1/4	14.53	1/4	
1/2	2,865.40	1/2	2,504.54	1/2	2,143.67	1/2	1,782.81	1/2	1,421.94	1/2	1,061.08	1/2	700.22	1/2	339.35	1/2	10.54	1/2	
3/4	2,857.88	3/4	2,497.02	3/4	2,136.15	3/4	1,775.29	3/4	1,414.42	3/4	1,053.56	3/4	692.70	3/4	331.83	3/4	8.49	3/4	
9	2,850.37	9	2,489.50	9	2,128.64	9	1,767.78	9	1,406.91	9	1,046.05	9	685.18	9	324.32	9	6.44	9	
1/4	2,842.85	1/4	2,481.98	1/4	2,121.12	1/4	1,760.26	1/4	1,399.39	1/4	1,038.53	1/4	677.66	1/4	316.80	1/4	4.38	1/4	
1/2	2,835.33	1/2	2,474.46	1/2	2,113.60	1/2	1,752.74	1/2	1,391.87	1/2	1,031.01	1/2	670.14	1/2	309.28	1/2	2.33	1/2	
3/4	2,827.81	3/4	2,466.94	3/4	2,106.08	3/4	1,745.22	3/4	1,384.35	3/4	1,023.49	3/4	662.62	3/4	301.76	3/4		3/4	
10	2,820.30	10	2,459.43	10	2,098.57	10	1,737.70	10	1,376.84	10	1,015.98	10	655.11	10	294.25	10		10	
1/4	2,812.78	1/4	2,451.91	1/4	2,091.05	1/4	1,730.18	1/4	1,369.32	1/4	1,008.46	1/4	647.59	1/4	286.73	1/4		1/4	
1/2	2,805.26	1/2	2,444.39	1/2	2,083.53	1/2	1,722.66	1/2	1,361.80	1/2	1,000.94	1/2	640.07	1/2	279.21	1/2		1/2	
3/4	2,797.74	3/4	2,436.87	3/4	2,076.01	3/4	1,715.14	3/4	1,354.28	3/4	993.42	3/4	632.55	3/4	271.69	3/4		3/4	
11	2,790.22	11	2,429.36	11	2,068.50	11	1,707.63	11	1,346.77	11	985.90	11	625.04	11	264.18	11		11	
1/4	2,782.70	1/4	2,421.84	1/4	2,060.98	1/4	1,700.11	1/4	1,339.25	1/4	978.38	1/4	617.52	1/4	256.66	1/4		1/4	
1/2	2,775.18	1/2	2,414.32	1/2	2,053.46	1/2	1,692.59	1/2	1,331.73	1/2	970.86	1/2	610.00	1/2	249.14	1/2		1/2	
3/4	2,767.66	3/4	2,406.80	3/4	2,045.94	3/4	1,685.07	3/4	1,324.21	3/4	963.34	3/4	602.48	3/4	241.62	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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RECALCULATED: 04/11/2023 JS
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BARGE "MMI 3054"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-09 1/2"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.					
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN		
0			0			0			0			0			0	4,455.43		0	4,211.68		0	3,967.93		0	3,724.19		0	3,462.60				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,450.35	1/4	1/4	4,206.61	1/4	1/4	3,962.86	1/4	1/4	3,719.12	1/4	1/4	3,455.77				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,445.27	1/2	1/2	4,201.53	1/2	1/2	3,957.78	1/2	1/2	3,714.04	1/2	1/2	3,448.94				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,440.19	3/4	3/4	4,196.45	3/4	3/4	3,952.70	3/4	3/4	3,708.96	3/4	3/4	3,441.76				
1		1	1		1	1		1	1		1	1		1	1	4,435.12	1	1	4,191.37	1	1	3,947.62	1	1	3,703.88	1	1	3,434.59				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,607.85	1/4	1/4	4,430.04	1/4	1/4	4,186.29	1/4	1/4	3,942.55	1/4	1/4	3,698.81	1/4	1/4	3,427.41				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,607.56	1/2	1/2	4,424.96	1/2	1/2	4,181.21	1/2	1/2	3,937.47	1/2	1/2	3,693.73	1/2	1/2	3,420.23				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,606.93	3/4	3/4	4,419.88	3/4	3/4	4,176.13	3/4	3/4	3,932.39	3/4	3/4	3,688.65	3/4	3/4	3,412.80				
2		2	2		2	2		2	2		2	2		2	2	4,606.30	2	2	4,414.81	2	2	4,171.05	2	2	3,683.57	2	2	3,405.37				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,605.66	1/4	1/4	4,409.73	1/4	1/4	4,165.98	1/4	1/4	3,922.24	1/4	1/4	3,678.49	1/4	1/4	3,397.94				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,605.03	1/2	1/2	4,404.65	1/2	1/2	4,160.90	1/2	1/2	3,917.16	1/2	1/2	3,673.41	1/2	1/2	3,390.51				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,603.67	3/4	3/4	4,399.57	3/4	3/4	4,155.82	3/4	3/4	3,912.08	3/4	3/4	3,668.33	3/4	3/4	3,383.10				
3		3	3		3	3		3	3		3	3		3	3	4,602.30	3	3	4,394.49	3	3	4,150.74	3	3	3,663.26	3	3	3,375.69				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,600.94	1/4	1/4	4,389.41	1/4	1/4	4,145.67	1/4	1/4	3,901.93	1/4	1/4	3,658.18	1/4	1/4	3,368.28				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,599.57	1/2	1/2	4,384.33	1/2	1/2	4,140.59	1/2	1/2	3,896.85	1/2	1/2	3,653.10	1/2	1/2	3,360.87				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,597.42	3/4	3/4	4,379.25	3/4	3/4	4,135.51	3/4	3/4	3,891.77	3/4	3/4	3,648.02	3/4	3/4	3,353.46				
4		4	4		4	4		4	4		4	4		4	4	4,595.27	4	4	4,374.18	4	4	4,130.43	4	4	3,886.69	4	4	3,642.95	4			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,593.12	1/4	1/4	4,369.10	1/4	1/4	4,125.36	1/4	1/4	3,881.61	1/4	1/4	3,637.87	1/4	1/4	3,338.64				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,590.97	1/2	1/2	4,364.02	1/2	1/2	4,120.28	1/2	1/2	3,876.53	1/2	1/2	3,632.79	1/2	1/2	3,331.23				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,588.04	3/4	3/4	4,358.94	3/4	3/4	4,115.20	3/4	3/4	3,871.45	3/4	3/4	3,627.71	3/4	3/4	3,323.82				
5		5	5		5	5		5	5		5	5		5	5	4,585.12	5	5	4,353.87	5	5	4,110.12	5	5	3,866.37	5	5	3,622.64	5			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,582.19	1/4	1/4	4,348.79	1/4	1/4	4,105.05	1/4	1/4	3,861.30	1/4	1/4	3,617.56	1/4	1/4	3,309.00				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,579.26	1/2	1/2	4,343.71	1/2	1/2	4,099.97	1/2	1/2	3,856.22	1/2	1/2	3,612.48	1/2	1/2	3,301.59				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,575.55	3/4	3/4	4,338.63	3/4	3/4	4,094.89	3/4	3/4	3,851.14	3/4	3/4	3,607.40	3/4	3/4	3,294.18				
6		6	6		6	6		6	6		6	6		6	6	4,571.84	6	6	4,333.56	6	6	4,089.81	6	6	3,846.06	6	6	3,602.33	6			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,568.12	1/4	1/4	4,328.48	1/4	1/4	4,084.73	1/4	1/4	3,840.99	1/4	1/4	3,597.25	1/4	1/4	3,279.36				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,564.41	1/2	1/2	4,323.40	1/2	1/2	4,079.65	1/2	1/2	3,835.91	1/2	1/2	3,592.17	1/2	1/2	3,271.95				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,559.92	3/4	3/4	4,318.32	3/4	3/4	4,074.57	3/4	3/4	3,830.83	3/4	3/4	3,587.09	3/4	3/4	3,264.54				
7		7	7		7	7		7	7		7	7		7	7	4,555.43	7	7	4,313.25	7	7	4,069.49	7	7	3,825.75	7	7	3,582.01	7			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,550.93	1/4	1/4	4,308.17	1/4	1/4	4,064.42	1/4	1/4	3,820.68	1/4	1/4	3,576.93	1/4	1/4	3,257.13				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,546.44	1/2	1/2	4,303.09	1/2	1/2	4,059.34	1/2	1/2	3,815.60	1/2	1/2	3,571.85	1/2	1/2	3,242.31				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,541.46	3/4	3/4	4,298.01	3/4	3/4	4,054.26	3/4	3/4	3,810.52	3/4	3/4	3,566.37	3/4	3/4	3,234.90				
8		8	8		8	8		8	8		8	8		8	8	4,536.48	8	8	4,292.93	8	8	4,049.18	8	8	3,805.44	8	8	3,560.89	8			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,531.50	1/4	1/4	4,287.85	1/4	1/4	4,044.11	1/4	1/4	3,800.37	1/4	1/4	3,555.41	1/4	1/4	3,220.08				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,526.52	1/2	1/2	4,282.77	1/2	1/2	4,039.03	1/2	1/2	3,795.29	1/2	1/2	3,549.93	1/2	1/2	3,212.67				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,521.44	3/4	3/4	4,277.69	3/4	3/4	4,033.95	3/4	3/4	3,790.21	3/4	3/4	3,544.14	3/4	3/4	3,205.26				
9		9	9		9	9		9	9		9	9		9	9	4,516.37	9	9	4,272.62	9	9	4,028.87	9	9	3,785.13	9	9	3,538.35	9			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,511.29	1/4	1/4	4,267.54	1/4	1/4	4,023.80	1/4	1/4	3,780.05	1/4	1/4	3,532.55	1/4	1/4	3,190.44				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,506.21	1/2	1/2	4,262.46	1/2	1/2	4,018.72	1/2	1/2	3,774.97	1/2	1/2	3,526.76	1/2	1/2	3,183.03				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,501.13	3/4	3/4	4,257.38	3/4	3/4	4,013.64	3/4	3/4	3,769.89	3/4	3/4	3,520.62	3/4	3/4	3,175.62				
10		10	10		10	10		10	10		10	10		10	10	4,496.05	10	10	4,252.30	10	10	4,008.56	10	10	3,514.48	10	10	3,168.21				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,490.97	1/4	1/4	4,247.23	1/4	1/4	4,003.49	1/4	1/4	3,759.74	1/4	1/4	3,508.34	1/4	1/4	3,160.80				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,485.89	1/2	1/2	4,242.15	1/2	1/2	3,998.41	1/2	1/2	3,754.66	1/2	1/2	3,502.20	1/2	1/2	3,153.39				
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,480.81	3/4	3/4	4,237.07	3/4	3/4	3,993.33	3/4	3/4	3,749.58	3/4	3/4	3,495.72	3/4	3/4	3,145.98				
11		11	11		11	11		11	11		11	11		11	11	4,475.74	11	11	4,231.99	11	11	3,988.25	11	11	3,489.23	11	11	3,138.57				
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,470.66	1/4	1/4	4,226.92	1/4	1/4	3,983.17	1/4	1/4	3,739.43	1/4	1/4	3,482.75	1/4	1/4	3,131.16				
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2																					



BARGE "MMI 3054"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-09 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,108.93	0	2,753.25	0	2,397.57	0	2,041.89	0	1,686.21	0	1,330.53	0	973.61	0	610.18	0	245.48	0	
1/4	3,101.52	1/4	2,745.84	1/4	2,390.16	1/4	2,034.48	1/4	1,678.80	1/4	1,323.12	1/4	966.04	1/4	602.58	1/4	237.88	1/4	
1/2	3,094.11	1/2	2,738.43	1/2	2,382.75	1/2	2,027.07	1/2	1,671.39	1/2	1,315.71	1/2	958.47	1/2	594.98	1/2	230.28	1/2	
3/4	3,086.70	3/4	2,731.02	3/4	2,375.34	3/4	2,019.66	3/4	1,663.98	3/4	1,308.30	3/4	950.91	3/4	587.38	3/4	222.68	3/4	
1	3,079.29	1	2,723.61	1	2,367.93	1	2,012.25	1	1,656.57	1	1,300.89	1	943.34	1	579.79	1	215.09	1	
1/4	3,071.88	1/4	2,716.20	1/4	2,360.52	1/4	2,004.84	1/4	1,649.16	1/4	1,293.48	1/4	935.78	1/4	572.19	1/4	207.49	1/4	
1/2	3,064.47	1/2	2,708.79	1/2	2,353.11	1/2	1,997.43	1/2	1,641.75	1/2	1,286.07	1/2	928.21	1/2	564.59	1/2	199.89	1/2	
3/4	3,057.06	3/4	2,701.38	3/4	2,345.70	3/4	1,990.02	3/4	1,634.34	3/4	1,278.66	3/4	920.64	3/4	556.99	3/4	192.41	3/4	
2	3,049.65	2	2,693.97	2	2,338.29	2	1,982.61	2	1,626.93	2	1,271.25	2	913.08	2	549.40	2	184.94	2	
1/4	3,042.24	1/4	2,686.56	1/4	2,330.88	1/4	1,975.20	1/4	1,619.52	1/4	1,263.84	1/4	905.51	1/4	541.80	1/4	177.46	1/4	
1/2	3,034.83	1/2	2,679.15	1/2	2,323.47	1/2	1,967.79	1/2	1,612.11	1/2	1,256.43	1/2	897.94	1/2	534.20	1/2	169.98	1/2	
3/4	3,027.42	3/4	2,671.74	3/4	2,316.06	3/4	1,960.38	3/4	1,604.70	3/4	1,249.02	3/4	890.38	3/4	526.60	3/4	162.62	3/4	
3	3,020.01	3	2,664.33	3	2,308.65	3	1,952.97	3	1,597.29	3	1,241.61	3	882.81	3	519.01	3	155.26	3	
1/4	3,012.60	1/4	2,656.92	1/4	2,301.24	1/4	1,945.56	1/4	1,589.88	1/4	1,234.20	1/4	875.25	1/4	511.41	1/4	147.90	1/4	
1/2	3,005.19	1/2	2,649.51	1/2	2,293.83	1/2	1,938.15	1/2	1,582.47	1/2	1,226.79	1/2	867.68	1/2	503.81	1/2	140.54	1/2	
3/4	2,997.78	3/4	2,642.10	3/4	2,286.42	3/4	1,930.74	3/4	1,575.06	3/4	1,219.38	3/4	860.12	3/4	496.21	3/4	133.18	3/4	
4	2,990.37	4	2,634.69	4	2,279.01	4	1,923.33	4	1,567.65	4	1,211.97	4	852.55	4	488.62	4	125.83	4	
1/4	2,982.96	1/4	2,627.28	1/4	2,271.60	1/4	1,915.92	1/4	1,560.24	1/4	1,204.56	1/4	844.99	1/4	481.02	1/4	118.47	1/4	
1/2	2,975.55	1/2	2,619.87	1/2	2,264.19	1/2	1,908.51	1/2	1,552.83	1/2	1,197.15	1/2	837.42	1/2	473.42	1/2	111.11	1/2	
3/4	2,968.14	3/4	2,612.46	3/4	2,256.78	3/4	1,901.10	3/4	1,545.42	3/4	1,189.74	3/4	829.85	3/4	465.82	3/4	103.75	3/4	
5	2,960.73	5	2,605.05	5	2,249.37	5	1,893.69	5	1,538.01	5	1,182.33	5	822.29	5	458.22	5	96.40	5	
1/4	2,953.32	1/4	2,597.64	1/4	2,241.96	1/4	1,886.28	1/4	1,530.60	1/4	1,174.92	1/4	814.72	1/4	450.62	1/4	89.04	1/4	
1/2	2,945.91	1/2	2,590.23	1/2	2,234.55	1/2	1,878.87	1/2	1,523.19	1/2	1,167.51	1/2	807.15	1/2	443.02	1/2	81.68	1/2	
3/4	2,938.50	3/4	2,582.82	3/4	2,227.14	3/4	1,871.46	3/4	1,515.78	3/4	1,160.10	3/4	799.59	3/4	435.42	3/4	74.32	3/4	
6	2,931.09	6	2,575.41	6	2,219.73	6	1,864.05	6	1,508.37	6	1,152.69	6	792.02	6	427.83	6	66.97	6	
1/4	2,923.68	1/4	2,568.00	1/4	2,212.32	1/4	1,856.64	1/4	1,500.96	1/4	1,145.28	1/4	784.46	1/4	420.23	1/4	59.61	1/4	
1/2	2,916.27	1/2	2,560.59	1/2	2,204.91	1/2	1,849.23	1/2	1,493.55	1/2	1,137.87	1/2	776.89	1/2	412.63	1/2	52.25	1/2	
3/4	2,908.86	3/4	2,553.18	3/4	2,197.50	3/4	1,841.82	3/4	1,486.14	3/4	1,130.46	3/4	769.32	3/4	405.03	3/4	46.25	3/4	
7	2,901.45	7	2,545.77	7	2,190.09	7	1,834.41	7	1,478.73	7	1,123.05	7	761.76	7	397.44	7	40.25	7	
1/4	2,894.04	1/4	2,538.36	1/4	2,182.68	1/4	1,827.00	1/4	1,471.32	1/4	1,115.64	1/4	754.19	1/4	389.84	1/4	34.25	1/4	
1/2	2,886.63	1/2	2,530.95	1/2	2,175.27	1/2	1,819.59	1/2	1,463.91	1/2	1,108.23	1/2	746.62	1/2	382.24	1/2	28.25	1/2	
3/4	2,879.22	3/4	2,523.54	3/4	2,167.86	3/4	1,812.18	3/4	1,456.50	3/4	1,100.82	3/4	739.06	3/4	374.64	3/4	24.00	3/4	
8	2,871.81	8	2,516.13	8	2,160.45	8	1,804.77	8	1,449.09	8	1,093.41	8	731.49	8	367.05	8	19.74	8	
1/4	2,864.40	1/4	2,508.72	1/4	2,153.04	1/4	1,797.36	1/4	1,441.68	1/4	1,086.00	1/4	723.93	1/4	359.45	1/4	15.49	1/4	
1/2	2,856.99	1/2	2,501.31	1/2	2,145.63	1/2	1,789.95	1/2	1,434.27	1/2	1,078.59	1/2	716.36	1/2	351.85	1/2	11.23	1/2	
3/4	2,849.58	3/4	2,493.90	3/4	2,138.22	3/4	1,782.54	3/4	1,426.86	3/4	1,071.18	3/4	708.80	3/4	344.25	3/4	9.03	3/4	
9	2,842.17	9	2,486.49	9	2,130.81	9	1,775.13	9	1,419.45	9	1,063.77	9	701.23	9	336.66	9	6.83	9	
1/4	2,834.76	1/4	2,479.08	1/4	2,123.40	1/4	1,767.72	1/4	1,412.04	1/4	1,056.36	1/4	693.67	1/4	329.06	1/4	4.63	1/4	
1/2	2,827.35	1/2	2,471.67	1/2	2,115.99	1/2	1,760.31	1/2	1,404.63	1/2	1,048.95	1/2	686.10	1/2	321.46	1/2	2.43	1/2	
3/4	2,819.94	3/4	2,464.26	3/4	2,108.58	3/4	1,752.90	3/4	1,397.22	3/4	1,041.46	3/4	678.52	3/4	313.86	3/4		3/4	
10	2,812.53	10	2,456.85	10	2,101.17	10	1,745.49	10	1,389.81	10	1,033.98	10	670.94	10	306.26	10		10	
1/4	2,805.12	1/4	2,449.44	1/4	2,093.76	1/4	1,738.08	1/4	1,382.40	1/4	1,026.49	1/4	663.35	1/4	298.66	1/4		1/4	
1/2	2,797.71	1/2	2,442.03	1/2	2,086.35	1/2	1,730.67	1/2	1,374.99	1/2	1,019.00	1/2	655.77	1/2	291.06	1/2		1/2	
3/4	2,790.30	3/4	2,434.62	3/4	2,078.94	3/4	1,723.26	3/4	1,367.58	3/4	1,011.44	3/4	648.17	3/4	283.46	3/4		3/4	
11	2,782.89	11	2,427.21	11	2,071.53	11	1,715.85	11	1,360.17	11	1,003.87	11	640.58	11	275.87	11		11	
1/4	2,775.48	1/4	2,419.80	1/4	2,064.12	1/4	1,708.44	1/4	1,352.76	1/4	996.31	1/4	632.98	1/4	268.27	1/4		1/4	
1/2	2,768.07	1/2	2,412.39	1/2	2,056.71	1/2	1,701.03	1/2	1,345.35	1/2	988.74	1/2	625.38	1/2	260.67	1/2		1/2	
3/4	2,760.66	3/4	2,404.98	3/4	2,049.30	3/4	1,693.62	3/4	1,337.94	3/4	981.17	3/4	617.78	3/4	253.07	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/16/2006 INSP.
RECALCULATED: 04/11/2023 JS
REPRINTED: 04/11/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

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



BARGE "MMI 3054"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-09"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.		
IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN
0		0	0		0	0		0	0		0	4,445.27		0	4,201.53		0	3,957.78		0	3,714.04		0	3,448.94		0			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,440.19		1/4	4,196.45		1/4	3,952.70		1/4	3,708.96		1/4	3,441.76		1/4			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,435.12		1/2	4,191.37		1/2	3,947.62		1/2	3,703.88		1/2	3,434.59		1/2			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,607.85		3/4	4,430.04		3/4	4,186.29		3/4	3,942.55		3/4	3,698.81		3/4	3,427.41		
1		1	1		1	1		1	1		1	4,607.56		1	4,424.96		1	4,181.21		1	3,937.47		1	3,693.73		1	3,420.23		
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,606.93		1/4	4,419.88		1/4	4,176.13		1/4	3,932.39		1/4	3,688.65		1/4	3,412.80		
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,606.30		1/2	4,414.81		1/2	4,171.05		1/2	3,927.31		1/2	3,683.57		1/2	3,405.37		
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,605.66		3/4	4,409.73		3/4	4,165.98		3/4	3,922.24		3/4	3,678.49		3/4	3,397.94		
2		2	2		2	2		2	2		2	4,605.03		2	4,404.65		2	4,160.90		2	3,917.16		2	3,673.41		2	3,390.51		
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,603.67		1/4	4,399.57		1/4	4,155.82		1/4	3,912.08		1/4	3,668.33		1/4	3,383.10		
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,602.30		1/2	4,394.49		1/2	4,150.74		1/2	3,907.00		1/2	3,663.26		1/2	3,375.69		
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,600.94		3/4	4,389.41		3/4	4,145.67		3/4	3,901.93		3/4	3,658.18		3/4	3,368.28		
3		3	3		3	3		3	3		3	4,599.57		3	4,384.33		3	4,140.59		3	3,896.85		3	3,653.10		3	3,360.87		
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,597.42		1/4	4,379.25		1/4	4,135.51		1/4	3,891.77		1/4	3,648.02		1/4	3,353.46		
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,595.27		1/2	4,374.18		1/2	4,130.43		1/2	3,886.69		1/2	3,642.95		1/2	3,346.05		
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,593.12		3/4	4,369.10		3/4	4,125.36		3/4	3,881.61		3/4	3,637.87		3/4	3,338.64		
4		4	4		4	4		4	4		4	4,590.97		4	4,364.02		4	4,120.28		4	3,876.53		4	3,632.79		4	3,331.23		
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,588.04		1/4	4,358.94		1/4	4,115.20		1/4	3,871.45		1/4	3,627.71		1/4	3,323.82		
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,585.12		1/2	4,353.87		1/2	4,110.12		1/2	3,866.37		1/2	3,622.64		1/2	3,316.41		
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,582.19		3/4	4,348.79		3/4	4,105.05		3/4	3,861.30		3/4	3,617.56		3/4	3,309.00		
5		5	5		5	5		5	5		5	4,579.26		5	4,343.71		5	4,099.97		5	3,856.22		5	3,612.48		5	3,301.59		
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,575.55		1/4	4,338.63		1/4	4,094.89		1/4	3,851.14		1/4	3,607.40		1/4	3,294.18		
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,571.84		1/2	4,333.56		1/2	4,089.81		1/2	3,846.06		1/2	3,602.33		1/2	3,286.77		
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,568.12		3/4	4,328.48		3/4	4,084.73		3/4	3,840.99		3/4	3,597.25		3/4	3,279.36		
6		6	6		6	6		6	6		6	4,564.41		6	4,323.40		6	4,079.65		6	3,835.91		6	3,592.17		6	3,271.95		
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,559.92		1/4	4,318.32		1/4	4,074.57		1/4	3,830.83		1/4	3,587.09		1/4	3,264.54		
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,555.43		1/2	4,313.25		1/2	4,069.49		1/2	3,825.75		1/2	3,582.01		1/2	3,257.13		
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,550.93		3/4	4,308.17		3/4	4,064.42		3/4	3,820.68		3/4	3,576.93		3/4	3,249.72		
7		7	7		7	7		7	7		7	4,546.44		7	4,303.09		7	4,059.34		7	3,815.60		7	3,571.85		7	3,242.31		
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,541.46		1/4	4,298.01		1/4	4,054.26		1/4	3,810.52		1/4	3,566.37		1/4	3,234.90		
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,536.48		1/2	4,292.93		1/2	4,049.18		1/2	3,805.44		1/2	3,560.89		1/2	3,227.49		
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,531.50		3/4	4,287.85		3/4	4,044.11		3/4	3,800.37		3/4	3,555.41		3/4	3,220.08		
8		8	8		8	8		8	8		8	4,526.52		8	4,282.77		8	4,039.03		8	3,795.29		8	3,549.93		8	3,212.67		
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,521.44		1/4	4,277.69		1/4	4,033.95		1/4	3,790.21		1/4	3,544.14		1/4	3,205.26		
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,516.37		1/2	4,272.62		1/2	4,028.87		1/2	3,785.13		1/2	3,538.35		1/2	3,197.85		
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,511.29		3/4	4,267.54		3/4	4,023.80		3/4	3,780.05		3/4	3,532.55		3/4	3,190.44		
9		9	9		9	9		9	9		9	4,506.21		9	4,262.46		9	4,018.72		9	3,774.97		9	3,526.76		9	3,183.03		
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,501.13		1/4	4,257.38		1/4	4,013.64		1/4	3,769.89		1/4	3,520.62		1/4	3,175.62		
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,496.05		1/2	4,252.30		1/2	4,008.56		1/2	3,764.81		1/2	3,514.48		1/2	3,168.21		
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,490.97		3/4	4,247.23		3/4	4,003.49		3/4	3,759.74		3/4	3,508.34		3/4	3,160.80		
10		10	10		10	10		10	10		10	4,485.89		10	4,242.15		10	3,998.41		10	3,754.66		10	3,502.20		10	3,153.39		
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,480.81		1/4	4,237.07		1/4	3,993.33		1/4	3,749.58		1/4	3,495.72		1/4	3,145.98		
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,475.74		1/2	4,231.99		1/2	3,988.25		1/2	3,744.50		1/2	3,489.23		1/2	3,138.57		
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,470.66		3/4	4,226.92		3/4	3,983.17		3/4	3,739.43		3/4	3,482.75		3/4	3,131.16		
11		11	11		11	11		11	11		11	4,465.58		11	4,221.84		11	3,978.09		11	3,734.35		11	3,476.26		11	3,123.75		
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,460.50		1/4	4,216.76		1/4	3,973.01		1/4	3,729.27		1/4	3,469.43		1/4	3,116.34		
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,455.43		1/2	4,211.68		1/2	3,967.93		1/2	3,724.19		1/2	3,462.60		1/2	3,108.93		
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,450.35		3/4	4,206.61		3/4	3,962.86		3/4	3,719.12		3/4	3,455.77		3/4	3,101.52		

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 03'-00" OFF CENTERLINE AND 83'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588



BARGE "MMI 3054"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-09"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,094.11	0	2,738.43	0	2,382.75	0	2,027.07	0	1,671.39	0	1,315.71	0	958.47	0	594.98	0	230.28	0	
1/4	3,086.70	1/4	2,731.02	1/4	2,375.34	1/4	2,019.66	1/4	1,663.98	1/4	1,308.30	1/4	950.91	1/4	587.38	1/4	222.68	1/4	
1/2	3,079.29	1/2	2,723.61	1/2	2,367.93	1/2	2,012.25	1/2	1,656.57	1/2	1,300.89	1/2	943.34	1/2	579.79	1/2	215.09	1/2	
3/4	3,071.88	3/4	2,716.20	3/4	2,360.52	3/4	2,004.84	3/4	1,649.16	3/4	1,293.48	3/4	935.78	3/4	572.19	3/4	207.49	3/4	
1	3,064.47	1	2,708.79	1	2,353.11	1	1,997.43	1	1,641.75	1	1,286.07	1	928.21	1	564.59	1	199.89	1	
1/4	3,057.06	1/4	2,701.38	1/4	2,345.70	1/4	1,990.02	1/4	1,634.34	1/4	1,278.66	1/4	920.64	1/4	556.99	1/4	192.41	1/4	
1/2	3,049.65	1/2	2,693.97	1/2	2,338.29	1/2	1,982.61	1/2	1,626.93	1/2	1,271.25	1/2	913.08	1/2	549.40	1/2	184.94	1/2	
3/4	3,042.24	3/4	2,686.56	3/4	2,330.88	3/4	1,975.20	3/4	1,619.52	3/4	1,263.84	3/4	905.51	3/4	541.80	3/4	177.46	3/4	
2	3,034.83	2	2,679.15	2	2,323.47	2	1,967.79	2	1,612.11	2	1,256.43	2	897.94	2	534.20	2	169.98	2	
1/4	3,027.42	1/4	2,671.74	1/4	2,316.06	1/4	1,960.38	1/4	1,604.70	1/4	1,249.02	1/4	890.38	1/4	526.60	1/4	162.62	1/4	
1/2	3,020.01	1/2	2,664.33	1/2	2,308.65	1/2	1,952.97	1/2	1,597.29	1/2	1,241.61	1/2	882.81	1/2	519.01	1/2	155.26	1/2	
3/4	3,012.60	3/4	2,656.92	3/4	2,301.24	3/4	1,945.56	3/4	1,589.88	3/4	1,234.20	3/4	875.25	3/4	511.41	3/4	147.90	3/4	
3	3,005.19	3	2,649.51	3	2,293.83	3	1,938.15	3	1,582.47	3	1,226.79	3	867.68	3	503.81	3	140.54	3	
1/4	2,997.78	1/4	2,642.10	1/4	2,286.42	1/4	1,930.74	1/4	1,575.06	1/4	1,219.38	1/4	860.12	1/4	496.21	1/4	133.18	1/4	
1/2	2,990.37	1/2	2,634.69	1/2	2,279.01	1/2	1,923.33	1/2	1,567.65	1/2	1,211.97	1/2	852.55	1/2	488.62	1/2	125.83	1/2	
3/4	2,982.96	3/4	2,627.28	3/4	2,271.60	3/4	1,915.92	3/4	1,560.24	3/4	1,204.56	3/4	844.99	3/4	481.02	3/4	118.47	3/4	
4	2,975.55	4	2,619.87	4	2,264.19	4	1,908.51	4	1,552.83	4	1,197.15	4	837.42	4	473.42	4	111.11	4	
1/4	2,968.14	1/4	2,612.46	1/4	2,256.78	1/4	1,901.10	1/4	1,545.42	1/4	1,189.74	1/4	829.85	1/4	465.82	1/4	103.75	1/4	
1/2	2,960.73	1/2	2,605.05	1/2	2,249.37	1/2	1,893.69	1/2	1,538.01	1/2	1,182.33	1/2	822.29	1/2	458.22	1/2	96.40	1/2	
3/4	2,953.32	3/4	2,597.64	3/4	2,241.96	3/4	1,886.28	3/4	1,530.60	3/4	1,174.92	3/4	814.72	3/4	450.62	3/4	89.04	3/4	
5	2,945.91	5	2,590.23	5	2,234.55	5	1,878.87	5	1,523.19	5	1,167.51	5	807.15	5	443.02	5	81.68	5	
1/4	2,938.50	1/4	2,582.82	1/4	2,227.14	1/4	1,871.46	1/4	1,515.78	1/4	1,160.10	1/4	799.59	1/4	435.42	1/4	74.32	1/4	
1/2	2,931.09	1/2	2,575.41	1/2	2,219.73	1/2	1,864.05	1/2	1,508.37	1/2	1,152.69	1/2	792.02	1/2	427.83	1/2	66.97	1/2	
3/4	2,923.68	3/4	2,568.00	3/4	2,212.32	3/4	1,856.64	3/4	1,500.96	3/4	1,145.28	3/4	784.46	3/4	420.23	3/4	59.61	3/4	
6	2,916.27	6	2,560.59	6	2,204.91	6	1,849.23	6	1,493.55	6	1,137.87	6	776.89	6	412.63	6	52.25	6	
1/4	2,908.86	1/4	2,553.18	1/4	2,197.50	1/4	1,841.82	1/4	1,486.14	1/4	1,130.46	1/4	769.32	1/4	405.03	1/4	46.25	1/4	
1/2	2,901.45	1/2	2,545.77	1/2	2,190.09	1/2	1,834.41	1/2	1,478.73	1/2	1,123.05	1/2	761.76	1/2	397.44	1/2	40.25	1/2	
3/4	2,894.04	3/4	2,538.36	3/4	2,182.68	3/4	1,827.00	3/4	1,471.32	3/4	1,115.64	3/4	754.19	3/4	389.84	3/4	34.25	3/4	
7	2,886.63	7	2,530.95	7	2,175.27	7	1,819.59	7	1,463.91	7	1,108.23	7	746.62	7	382.24	7	28.25	7	
1/4	2,879.22	1/4	2,523.54	1/4	2,167.86	1/4	1,812.18	1/4	1,456.50	1/4	1,100.82	1/4	739.06	1/4	374.64	1/4	24.00	1/4	
1/2	2,871.81	1/2	2,516.13	1/2	2,160.45	1/2	1,804.77	1/2	1,449.09	1/2	1,093.41	1/2	731.49	1/2	367.05	1/2	19.74	1/2	
3/4	2,864.40	3/4	2,508.72	3/4	2,153.04	3/4	1,797.36	3/4	1,441.68	3/4	1,086.00	3/4	723.93	3/4	359.45	3/4	15.49	3/4	
8	2,856.99	8	2,501.31	8	2,145.63	8	1,789.95	8	1,434.27	8	1,078.59	8	716.36	8	351.85	8	11.23	8	
1/4	2,849.58	1/4	2,493.90	1/4	2,138.22	1/4	1,782.54	1/4	1,426.86	1/4	1,071.18	1/4	708.80	1/4	344.25	1/4	9.03	1/4	
1/2	2,842.17	1/2	2,486.49	1/2	2,130.81	1/2	1,775.13	1/2	1,419.45	1/2	1,063.77	1/2	701.23	1/2	336.66	1/2	6.83	1/2	
3/4	2,834.76	3/4	2,479.08	3/4	2,123.40	3/4	1,767.72	3/4	1,412.04	3/4	1,056.36	3/4	693.67	3/4	329.06	3/4	4.63	3/4	
9	2,827.35	9	2,471.67	9	2,115.99	9	1,760.31	9	1,404.63	9	1,048.95	9	686.10	9	321.46	9	2.43	9	
1/4	2,819.94	1/4	2,464.26	1/4	2,108.58	1/4	1,752.90	1/4	1,397.22	1/4	1,041.46	1/4	678.52	1/4	313.86	1/4		1/4	
1/2	2,812.53	1/2	2,456.85	1/2	2,101.17	1/2	1,745.49	1/2	1,389.81	1/2	1,033.98	1/2	670.94	1/2	306.26	1/2		1/2	
3/4	2,805.12	3/4	2,449.44	3/4	2,093.76	3/4	1,738.08	3/4	1,382.40	3/4	1,026.49	3/4	663.35	3/4	298.66	3/4		3/4	
10	2,797.71	10	2,442.03	10	2,086.35	10	1,730.67	10	1,374.99	10	1,019.00	10	655.77	10	291.06	10		10	
1/4	2,790.30	1/4	2,434.62	1/4	2,078.94	1/4	1,723.26	1/4	1,367.58	1/4	1,011.44	1/4	648.17	1/4	283.46	1/4		1/4	
1/2	2,782.89	1/2	2,427.21	1/2	2,071.53	1/2	1,715.85	1/2	1,360.17	1/2	1,003.87	1/2	640.58	1/2	275.87	1/2		1/2	
3/4	2,775.48	3/4	2,419.80	3/4	2,064.12	3/4	1,708.44	3/4	1,352.76	3/4	996.31	3/4	632.98	3/4	268.27	3/4		3/4	
11	2,768.07	11	2,412.39	11	2,056.71	11	1,701.03	11	1,345.35	11	988.74	11	625.38	11	260.67	11		11	
1/4	2,760.66	1/4	2,404.98	1/4	2,049.30	1/4	1,693.62	1/4	1,337.94	1/4	981.17	1/4	617.78	1/4	253.07	1/4		1/4	
1/2	2,753.25	1/2	2,397.57	1/2	2,041.89	1/2	1,686.21	1/2	1,330.53	1/2	973.61	1/2	610.18	1/2	245.48	1/2		1/2	
3/4	2,745.84	3/4	2,390.16	3/4	2,034.48	3/4	1,678.80	3/4	1,323.12	3/4	966.04	3/4	602.58	3/4	237.88	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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RECALCULATED: 04/11/2023 JS
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CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

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