



BARGE "FMT 1406"

INNAGE 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 CENTER	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4
3 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/8	- 01-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-09"

November 15, 2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "FMT 1406"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	4.06	0	220.66	0	468.49	0	712.94	0	957.10	0	1,204.18	0	1,451.26	0	1,698.23	0	1,944.70	0	2,191.85
1/4	4.92	1/4	225.83	1/4	473.65	1/4	717.93	1/4	962.24	1/4	1,209.32	1/4	1,456.40	1/4	1,703.36	1/4	1,949.85	1/4	2,197.00
1/2	5.78	1/2	230.99	1/2	478.82	1/2	722.92	1/2	967.39	1/2	1,214.47	1/2	1,461.55	1/2	1,708.49	1/2	1,955.00	1/2	2,202.15
3/4	6.64	3/4	236.15	3/4	483.98	3/4	727.91	3/4	972.54	3/4	1,219.62	3/4	1,466.70	3/4	1,713.62	3/4	1,960.15	3/4	2,207.30
1	7.50	1	241.32	1	489.14	1	732.90	1	977.69	1	1,224.77	1	1,471.85	1	1,718.76	1	1,965.30	1	2,212.45
1/4	10.08	1/4	246.48	1/4	494.31	1/4	737.90	1/4	982.83	1/4	1,229.91	1/4	1,476.99	1/4	1,723.89	1/4	1,970.45	1/4	2,217.59
1/2	12.66	1/2	251.64	1/2	499.47	1/2	742.89	1/2	987.98	1/2	1,235.06	1/2	1,482.14	1/2	1,729.02	1/2	1,975.60	1/2	2,222.74
3/4	15.24	3/4	256.80	3/4	504.63	3/4	747.88	3/4	993.13	3/4	1,240.21	3/4	1,487.29	3/4	1,734.15	3/4	1,980.75	3/4	2,227.89
2	17.82	2	261.97	2	509.80	2	752.87	2	998.28	2	1,245.36	2	1,492.44	2	1,739.28	2	1,985.89	2	2,233.04
1/4	22.12	1/4	267.13	1/4	514.96	1/4	757.86	1/4	1,003.42	1/4	1,250.50	1/4	1,497.58	1/4	1,744.42	1/4	1,991.04	1/4	2,238.19
1/2	26.42	1/2	272.29	1/2	520.12	1/2	762.86	1/2	1,008.57	1/2	1,255.65	1/2	1,502.72	1/2	1,749.55	1/2	1,996.19	1/2	2,243.34
3/4	30.72	3/4	277.46	3/4	525.29	3/4	767.85	3/4	1,013.72	3/4	1,260.80	3/4	1,507.87	3/4	1,754.68	3/4	2,001.34	3/4	2,248.49
3	35.03	3	282.62	3	530.45	3	772.84	3	1,018.87	3	1,265.95	3	1,513.01	3	1,759.81	3	2,006.49	3	2,253.64
1/4	40.14	1/4	287.78	1/4	535.61	1/4	777.85	1/4	1,024.01	1/4	1,271.09	1/4	1,518.16	1/4	1,764.95	1/4	2,011.64	1/4	2,258.79
1/2	45.26	1/2	292.95	1/2	540.78	1/2	782.87	1/2	1,029.16	1/2	1,276.24	1/2	1,523.30	1/2	1,770.08	1/2	2,016.79	1/2	2,263.93
3/4	50.38	3/4	298.11	3/4	545.94	3/4	787.88	3/4	1,034.31	3/4	1,281.39	3/4	1,528.44	3/4	1,775.21	3/4	2,021.94	3/4	2,269.08
4	55.50	4	303.27	4	551.10	4	792.90	4	1,039.46	4	1,286.54	4	1,533.59	4	1,780.34	4	2,027.09	4	2,274.23
1/4	60.65	1/4	308.44	1/4	556.26	1/4	797.91	1/4	1,044.60	1/4	1,291.68	1/4	1,538.73	1/4	1,785.47	1/4	2,032.23	1/4	2,279.38
1/2	65.80	1/2	313.60	1/2	561.43	1/2	802.93	1/2	1,049.75	1/2	1,296.83	1/2	1,543.87	1/2	1,790.61	1/2	2,037.38	1/2	2,284.53
3/4	70.95	3/4	318.76	3/4	566.59	3/4	807.95	3/4	1,054.90	3/4	1,301.98	3/4	1,549.02	3/4	1,795.74	3/4	2,042.53	3/4	2,289.68
5	76.10	5	323.93	5	571.75	5	812.97	5	1,060.05	5	1,307.13	5	1,554.16	5	1,800.87	5	2,047.68	5	2,294.83
1/4	81.26	1/4	329.09	1/4	576.91	1/4	818.11	1/4	1,065.19	1/4	1,312.27	1/4	1,559.30	1/4	1,806.00	1/4	2,052.83	1/4	2,299.98
1/2	86.42	1/2	334.25	1/2	582.06	1/2	823.26	1/2	1,070.34	1/2	1,317.42	1/2	1,564.45	1/2	1,811.13	1/2	2,057.98	1/2	2,305.13
3/4	91.58	3/4	339.41	3/4	587.22	3/4	828.41	3/4	1,075.49	3/4	1,322.57	3/4	1,569.59	3/4	1,816.27	3/4	2,063.13	3/4	2,310.27
6	96.75	6	344.58	6	592.37	6	833.56	6	1,080.64	6	1,327.72	6	1,574.74	6	1,821.40	6	2,068.28	6	2,315.42
1/4	101.91	1/4	349.74	1/4	597.53	1/4	838.70	1/4	1,085.78	1/4	1,332.86	1/4	1,579.88	1/4	1,826.53	1/4	2,073.43	1/4	2,320.57
1/2	107.07	1/2	354.90	1/2	602.68	1/2	843.85	1/2	1,090.93	1/2	1,338.01	1/2	1,585.02	1/2	1,831.66	1/2	2,078.57	1/2	2,325.72
3/4	112.23	3/4	360.07	3/4	607.84	3/4	849.00	3/4	1,096.08	3/4	1,343.16	3/4	1,590.17	3/4	1,836.79	3/4	2,083.72	3/4	2,330.87
7	117.40	7	365.23	7	612.99	7	854.15	7	1,101.23	7	1,348.31	7	1,595.31	7	1,841.93	7	2,088.87	7	2,336.02
1/4	122.56	1/4	370.39	1/4	618.00	1/4	859.29	1/4	1,106.37	1/4	1,353.45	1/4	1,600.45	1/4	1,847.06	1/4	2,094.02	1/4	2,341.16
1/2	127.72	1/2	375.56	1/2	623.01	1/2	864.44	1/2	1,111.52	1/2	1,358.60	1/2	1,605.60	1/2	1,852.19	1/2	2,099.17	1/2	2,346.31
3/4	132.89	3/4	380.72	3/4	628.01	3/4	869.59	3/4	1,116.67	3/4	1,363.75	3/4	1,610.74	3/4	1,857.32	3/4	2,104.32	3/4	2,351.45
8	138.05	8	385.88	8	633.02	8	874.74	8	1,121.82	8	1,368.90	8	1,615.88	8	1,862.46	8	2,109.47	8	2,356.59
1/4	143.21	1/4	391.05	1/4	638.02	1/4	879.88	1/4	1,126.96	1/4	1,374.04	1/4	1,621.03	1/4	1,867.59	1/4	2,114.62	1/4	2,361.74
1/2	148.38	1/2	396.21	1/2	643.03	1/2	885.03	1/2	1,132.11	1/2	1,379.19	1/2	1,626.18	1/2	1,872.72	1/2	2,119.77	1/2	2,366.88
3/4	153.54	3/4	401.37	3/4	648.03	3/4	890.18	3/4	1,137.26	3/4	1,384.34	3/4	1,631.32	3/4	1,877.85	3/4	2,124.91	3/4	2,372.02
9	158.70	9	406.53	9	653.03	9	895.33	9	1,142.41	9	1,389.49	9	1,636.47	9	1,882.98	9	2,130.06	9	2,377.17
1/4	163.87	1/4	411.70	1/4	658.03	1/4	900.47	1/4	1,147.55	1/4	1,394.63	1/4	1,641.62	1/4	1,888.12	1/4	2,135.21	1/4	2,382.31
1/2	169.03	1/2	416.86	1/2	663.02	1/2	905.62	1/2	1,152.70	1/2	1,399.78	1/2	1,646.76	1/2	1,893.25	1/2	2,140.36	1/2	2,387.46
3/4	174.19	3/4	422.02	3/4	668.01	3/4	910.77	3/4	1,157.85	3/4	1,404.93	3/4	1,651.91	3/4	1,898.38	3/4	2,145.51	3/4	2,392.60
10	179.36	10	427.19	10	673.00	10	915.92	10	1,163.00	10	1,410.08	10	1,657.06	10	1,903.51	10	2,150.66	10	2,397.74
1/4	184.52	1/4	432.35	1/4	677.99	1/4	921.06	1/4	1,168.14	1/4	1,415.22	1/4	1,662.20	1/4	1,908.66	1/4	2,155.81	1/4	2,402.89
1/2	189.68	1/2	437.51	1/2	682.98	1/2	926.21	1/2	1,173.29	1/2	1,420.37	1/2	1,667.35	1/2	1,913.81	1/2	2,160.96	1/2	2,408.03
3/4	194.85	3/4	442.68	3/4	687.98	3/4	931.36	3/4	1,178.44	3/4	1,425.52	3/4	1,672.50	3/4	1,918.96	3/4	2,166.11	3/4	2,413.17
11	200.01	11	447.84	11	692.97	11	936.51	11	1,183.59	11	1,430.67	11	1,677.64	11	1,924.11	11	2,171.25	11	2,418.32
1/4	205.17	1/4	453.00	1/4	697.96	1/4	941.65	1/4	1,188.73	1/4	1,435.81	1/4	1,682.79	1/4	1,929.26	1/4	2,176.40	1/4	2,423.46
1/2	210.34	1/2	458.17	1/2	702.95	1/2	946.80	1/2	1,193.88	1/2	1,440.96	1/2	1,687.93	1/2	1,934.41	1/2	2,181.55	1/2	2,428.60
3/4	215.50	3/4	463.33	3/4	707.94	3/4	951.95	3/4	1,199.03	3/4	1,446.11	3/4	1,693.08	3/4	1,939.55	3/4	2,186.70	3/4	2,433.75

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 TAKEN AT 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "FMT 1406"

1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	2,438.89	0	2,667.09	0	2,877.93	0	3,088.77	0	3,299.61	0		0		0		0		0	
1/4	2,444.04	1/4	2,671.48	1/4	2,882.32	1/4	3,093.16	1/4	3,304.00	1/4		1/4		1/4		1/4		1/4	
1/2	2,449.18	1/2	2,675.87	1/2	2,886.71	1/2	3,097.55	1/2	3,308.39	1/2		1/2		1/2		1/2		1/2	
3/4	2,454.32	3/4	2,680.26	3/4	2,891.10	3/4	3,101.94	3/4	3,312.78	3/4		3/4		3/4		3/4		3/4	
1	2,459.47	1	2,684.66	1	2,895.50	1	3,106.34	1	3,317.18	1		1		1		1		1	
1/4	2,464.61	1/4	2,689.05	1/4	2,899.89	1/4	3,110.73	1/4	3,321.57	1/4		1/4		1/4		1/4		1/4	
1/2	2,469.75	1/2	2,693.44	1/2	2,904.28	1/2	3,115.12	1/2	3,325.96	1/2		1/2		1/2		1/2		1/2	
3/4	2,474.90	3/4	2,697.83	3/4	2,908.67	3/4	3,119.51	3/4	3,330.35	3/4		3/4		3/4		3/4		3/4	
2	2,480.04	2	2,702.23	2	2,913.07	2	3,123.91	2	3,334.75	2		2		2		2		2	
1/4	2,485.18	1/4	2,706.62	1/4	2,917.46	1/4	3,128.30	1/4	3,339.14	1/4		1/4		1/4		1/4		1/4	
1/2	2,490.33	1/2	2,711.01	1/2	2,921.85	1/2	3,132.69	1/2	3,343.54	1/2		1/2		1/2		1/2		1/2	
3/4	2,495.47	3/4	2,715.40	3/4	2,926.24	3/4	3,137.08	3/4	3,347.94	3/4		3/4		3/4		3/4		3/4	
3	2,500.61	3	2,719.80	3	2,930.64	3	3,141.48	3	3,352.33	3		3		3		3		3	
1/4	2,505.76	1/4	2,724.19	1/4	2,935.03	1/4	3,145.87	1/4	3,356.71	1/4		1/4		1/4		1/4		1/4	
1/2	2,510.90	1/2	2,728.58	1/2	2,939.42	1/2	3,150.26	1/2	3,361.09	1/2		1/2		1/2		1/2		1/2	
3/4	2,516.05	3/4	2,732.97	3/4	2,943.81	3/4	3,154.65	3/4	3,365.47	3/4		3/4		3/4		3/4		3/4	
4	2,521.19	4	2,737.37	4	2,948.21	4	3,159.05	4	3,369.85	4		4		4		4		4	
1/4	2,526.32	1/4	2,741.76	1/4	2,952.60	1/4	3,163.44	1/4	3,374.20	1/4		1/4		1/4		1/4		1/4	
1/2	2,531.45	1/2	2,746.15	1/2	2,956.99	1/2	3,167.83	1/2	3,378.55	1/2		1/2		1/2		1/2		1/2	
3/4	2,536.57	3/4	2,750.54	3/4	2,961.38	3/4	3,172.22	3/4	3,382.90	3/4		3/4		3/4		3/4		3/4	
5	2,541.70	5	2,754.94	5	2,965.78	5	3,176.62	5	3,387.24	5		5		5		5		5	
1/4	2,546.83	1/4	2,759.33	1/4	2,970.17	1/4	3,181.01	1/4	3,391.54	1/4		1/4		1/4		1/4		1/4	
1/2	2,551.96	1/2	2,763.72	1/2	2,974.56	1/2	3,185.40	1/2	3,395.85	1/2		1/2		1/2		1/2		1/2	
3/4	2,557.09	3/4	2,768.11	3/4	2,978.95	3/4	3,189.79	3/4	3,400.15	3/4		3/4		3/4		3/4		3/4	
6	2,562.22	6	2,772.51	6	2,983.35	6	3,194.19	6	3,404.45	6		6		6		6		6	
1/4	2,566.57	1/4	2,776.90	1/4	2,987.74	1/4	3,198.58	1/4	3,407.03	1/4		1/4		1/4		1/4		1/4	
1/2	2,570.93	1/2	2,781.29	1/2	2,992.13	1/2	3,202.97	1/2	3,409.61	1/2		1/2		1/2		1/2		1/2	
3/4	2,575.29	3/4	2,785.68	3/4	2,996.52	3/4	3,207.36	3/4	3,412.19	3/4		3/4		3/4		3/4		3/4	
7	2,579.65	7	2,790.08	7	3,000.92	7	3,211.76	7	3,414.77	7		7		7		7		7	
1/4	2,584.01	1/4	2,794.47	1/4	3,005.31	1/4	3,216.15	1/4	3,415.63	1/4		1/4		1/4		1/4		1/4	
1/2	2,588.37	1/2	2,798.86	1/2	3,009.70	1/2	3,220.54	1/2	3,416.49	1/2		1/2		1/2		1/2		1/2	
3/4	2,592.72	3/4	2,803.25	3/4	3,014.09	3/4	3,224.93	3/4	3,417.35	3/4		3/4		3/4		3/4		3/4	
8	2,597.08	8	2,807.65	8	3,018.49	8	3,229.33	8	3,418.21	8		8		8		8		8	
1/4	2,601.44	1/4	2,812.04	1/4	3,022.88	1/4	3,233.72	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,605.80	1/2	2,816.43	1/2	3,027.27	1/2	3,238.11	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,610.16	3/4	2,820.82	3/4	3,031.66	3/4	3,242.50	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,614.51	9	2,825.22	9	3,036.06	9	3,246.90	9		9		9		9		9		9	
1/4	2,618.87	1/4	2,829.61	1/4	3,040.45	1/4	3,251.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,623.23	1/2	2,834.00	1/2	3,044.84	1/2	3,255.68	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,627.59	3/4	2,838.39	3/4	3,049.23	3/4	3,260.07	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,631.95	10	2,842.79	10	3,053.63	10	3,264.47	10		10		10		10		10		10	
1/4	2,636.34	1/4	2,847.18	1/4	3,058.02	1/4	3,268.86	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,640.73	1/2	2,851.57	1/2	3,062.41	1/2	3,273.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,645.12	3/4	2,855.96	3/4	3,066.80	3/4	3,277.64	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,649.52	11	2,860.36	11	3,071.20	11	3,282.04	11		11		11		11		11		11	
1/4	2,653.91	1/4	2,864.75	1/4	3,075.59	1/4	3,286.43	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,658.30	1/2	2,869.14	1/2	3,079.98	1/2	3,290.82	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,662.69	3/4	2,873.53	3/4	3,084.37	3/4	3,295.21	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/15/2019 CL
CALCULATED: 11/15/2019 CL
PRINTED: 11/16/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "FMT 1406"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

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	0.73	0	240.51	0	514.87	0	785.81	0	1,056.75	0	1,331.12	0	1,605.49	0	1,879.86	0	2,154.23	0	2,428.59
1/4	1.68	1/4	246.23	1/4	520.59	1/4	791.35	1/4	1,062.47	1/4	1,336.84	1/4	1,611.21	1/4	1,885.57	1/4	2,159.94	1/4	2,434.31
1/2	2.63	1/2	251.94	1/2	526.30	1/2	796.90	1/2	1,068.19	1/2	1,342.55	1/2	1,616.92	1/2	1,891.29	1/2	2,165.66	1/2	2,440.03
3/4	3.58	3/4	257.66	3/4	532.02	3/4	802.44	3/4	1,073.90	3/4	1,348.27	3/4	1,622.64	3/4	1,897.01	3/4	2,171.37	3/4	2,445.74
1	4.54	1	263.37	1	537.73	1	807.98	1	1,079.62	1	1,353.99	1	1,628.35	1	1,902.72	1	2,177.09	1	2,451.46
1/4	7.39	1/4	269.09	1/4	543.45	1/4	813.53	1/4	1,085.33	1/4	1,359.70	1/4	1,634.07	1/4	1,908.44	1/4	2,182.81	1/4	2,457.17
1/2	10.25	1/2	274.81	1/2	549.16	1/2	819.07	1/2	1,091.05	1/2	1,365.42	1/2	1,639.79	1/2	1,914.15	1/2	2,188.52	1/2	2,462.89
3/4	13.11	3/4	280.52	3/4	554.88	3/4	824.62	3/4	1,096.77	3/4	1,371.13	3/4	1,645.50	3/4	1,919.87	3/4	2,194.24	3/4	2,468.61
2	15.96	2	286.24	2	560.60	2	830.16	2	1,102.48	2	1,376.85	2	1,651.22	2	1,925.59	2	2,199.95	2	2,474.32
1/4	20.72	1/4	291.95	1/4	566.31	1/4	835.70	1/4	1,108.20	1/4	1,382.57	1/4	1,656.93	1/4	1,931.30	1/4	2,205.67	1/4	2,480.04
1/2	25.48	1/2	297.67	1/2	572.03	1/2	841.25	1/2	1,113.91	1/2	1,388.28	1/2	1,662.65	1/2	1,937.02	1/2	2,211.39	1/2	2,485.75
3/4	30.25	3/4	303.39	3/4	577.74	3/4	846.79	3/4	1,119.63	3/4	1,394.00	3/4	1,668.37	3/4	1,942.73	3/4	2,217.10	3/4	2,491.47
3	35.01	3	309.10	3	583.46	3	852.34	3	1,125.35	3	1,399.71	3	1,674.08	3	1,948.45	3	2,222.82	3	2,497.19
1/4	40.67	1/4	314.82	1/4	589.18	1/4	857.88	1/4	1,131.06	1/4	1,405.43	1/4	1,679.80	1/4	1,954.17	1/4	2,228.53	1/4	2,502.90
1/2	46.34	1/2	320.53	1/2	594.89	1/2	863.42	1/2	1,136.78	1/2	1,411.15	1/2	1,685.51	1/2	1,959.88	1/2	2,234.25	1/2	2,508.62
3/4	52.00	3/4	326.25	3/4	600.61	3/4	868.97	3/4	1,142.49	3/4	1,416.86	3/4	1,691.23	3/4	1,965.60	3/4	2,239.97	3/4	2,514.33
4	57.67	4	331.96	4	606.32	4	874.51	4	1,148.21	4	1,422.58	4	1,696.95	4	1,971.31	4	2,245.68	4	2,520.05
1/4	63.37	1/4	337.68	1/4	612.04	1/4	880.06	1/4	1,153.93	1/4	1,428.29	1/4	1,702.66	1/4	1,977.03	1/4	2,251.40	1/4	2,525.77
1/2	69.07	1/2	343.40	1/2	617.75	1/2	885.61	1/2	1,159.64	1/2	1,434.01	1/2	1,708.38	1/2	1,982.75	1/2	2,257.11	1/2	2,531.48
3/4	74.77	3/4	349.11	3/4	623.47	3/4	891.16	3/4	1,165.36	3/4	1,439.73	3/4	1,714.09	3/4	1,988.46	3/4	2,262.83	3/4	2,537.20
5	80.48	5	354.83	5	629.19	5	896.71	5	1,171.07	5	1,445.44	5	1,719.81	5	1,994.18	5	2,268.55	5	2,542.91
1/4	86.19	1/4	360.54	1/4	634.90	1/4	902.42	1/4	1,176.79	1/4	1,451.16	1/4	1,725.53	1/4	1,999.89	1/4	2,274.26	1/4	2,548.63
1/2	91.90	1/2	366.26	1/2	640.62	1/2	908.14	1/2	1,182.51	1/2	1,456.87	1/2	1,731.24	1/2	2,005.61	1/2	2,279.98	1/2	2,554.35
3/4	97.62	3/4	371.97	3/4	646.33	3/4	913.85	3/4	1,188.22	3/4	1,462.59	3/4	1,736.96	3/4	2,011.33	3/4	2,285.69	3/4	2,560.06
6	103.33	6	377.69	6	652.05	6	919.57	6	1,193.94	6	1,468.31	6	1,742.67	6	2,017.04	6	2,291.41	6	2,565.78
1/4	109.05	1/4	383.41	1/4	657.76	1/4	925.29	1/4	1,199.65	1/4	1,474.02	1/4	1,748.39	1/4	2,022.76	1/4	2,297.13	1/4	2,571.49
1/2	114.76	1/2	389.12	1/2	663.48	1/2	931.00	1/2	1,205.37	1/2	1,479.74	1/2	1,754.11	1/2	2,028.47	1/2	2,302.84	1/2	2,577.21
3/4	120.48	3/4	394.84	3/4	669.20	3/4	936.72	3/4	1,211.09	3/4	1,485.45	3/4	1,759.82	3/4	2,034.19	3/4	2,308.56	3/4	2,582.93
7	126.20	7	400.55	7	674.91	7	942.43	7	1,216.80	7	1,491.17	7	1,765.54	7	2,039.91	7	2,314.27	7	2,588.64
1/4	131.91	1/4	406.27	1/4	680.46	1/4	948.15	1/4	1,222.52	1/4	1,496.89	1/4	1,771.25	1/4	2,045.62	1/4	2,319.99	1/4	2,594.36
1/2	137.63	1/2	411.99	1/2	686.01	1/2	953.87	1/2	1,228.23	1/2	1,502.60	1/2	1,776.97	1/2	2,051.34	1/2	2,325.71	1/2	2,600.07
3/4	143.34	3/4	417.70	3/4	691.56	3/4	959.58	3/4	1,233.95	3/4	1,508.32	3/4	1,782.69	3/4	2,057.05	3/4	2,331.42	3/4	2,605.79
8	149.06	8	423.42	8	697.11	8	965.30	8	1,239.67	8	1,514.03	8	1,788.40	8	2,062.77	8	2,337.14	8	2,611.51
1/4	154.77	1/4	429.13	1/4	702.65	1/4	971.01	1/4	1,245.38	1/4	1,519.75	1/4	1,794.12	1/4	2,068.49	1/4	2,342.85	1/4	2,617.22
1/2	160.49	1/2	434.85	1/2	708.19	1/2	976.73	1/2	1,251.10	1/2	1,525.47	1/2	1,799.83	1/2	2,074.20	1/2	2,348.57	1/2	2,622.94
3/4	166.21	3/4	440.56	3/4	713.74	3/4	982.45	3/4	1,256.81	3/4	1,531.18	3/4	1,805.55	3/4	2,079.92	3/4	2,354.29	3/4	2,628.65
9	171.92	9	446.28	9	719.28	9	988.16	9	1,262.53	9	1,536.90	9	1,811.27	9	2,085.63	9	2,360.00	9	2,634.37
1/4	177.64	1/4	452.00	1/4	724.83	1/4	993.88	1/4	1,268.25	1/4	1,542.61	1/4	1,816.98	1/4	2,091.35	1/4	2,365.72	1/4	2,640.09
1/2	183.35	1/2	457.71	1/2	730.37	1/2	999.59	1/2	1,273.96	1/2	1,548.33	1/2	1,822.70	1/2	2,097.07	1/2	2,371.43	1/2	2,645.80
3/4	189.07	3/4	463.43	3/4	735.91	3/4	1,005.31	3/4	1,279.68	3/4	1,554.05	3/4	1,828.41	3/4	2,102.78	3/4	2,377.15	3/4	2,651.52
10	194.79	10	469.14	10	741.46	10	1,011.03	10	1,285.39	10	1,559.76	10	1,834.13	10	2,108.50	10	2,382.87	10	2,657.23
1/4	200.50	1/4	474.86	1/4	747.00	1/4	1,016.74	1/4	1,291.11	1/4	1,565.48	1/4	1,839.85	1/4	2,114.21	1/4	2,388.58	1/4	2,662.95
1/2	206.22	1/2	480.58	1/2	752.55	1/2	1,022.46	1/2	1,296.83	1/2	1,571.19	1/2	1,845.56	1/2	2,119.93	1/2	2,394.30	1/2	2,668.67
3/4	211.93	3/4	486.29	3/4	758.09	3/4	1,028.17	3/4	1,302.54	3/4	1,576.91	3/4	1,851.28	3/4	2,125.65	3/4	2,400.01	3/4	2,674.38
11	217.65	11	492.01	11	763.63	11	1,033.89	11	1,308.26	11	1,582.63	11	1,856.99	11	2,131.36	11	2,405.73	11	2,680.10
1/4	223.36	1/4	497.72	1/4	769.18	1/4	1,039.61	1/4	1,313.97	1/4	1,588.34	1/4	1,862.71	1/4	2,137.08	1/4	2,411.45	1/4	2,685.81
1/2	229.08	1/2	503.44	1/2	774.72	1/2	1,045.32	1/2	1,319.69	1/2	1,594.06	1/2	1,868.43	1/2	2,142.79	1/2	2,417.16	1/2	2,691.53
3/4	234.80	3/4	509.15	3/4	780.26	3/4	1,051.04	3/4	1,325.41	3/4	1,599.77	3/4	1,874.14	3/4	2,148.51	3/4	2,422.88	3/4	2,697.25

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 TAKEN AT 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 30'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "FMT 1406"

2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,702.96	0	2,977.33	0	3,251.70	0	3,526.07	0	3,800.43	0		0		0		0		0	
1/4	2,708.68	1/4	2,983.05	1/4	3,257.41	1/4	3,531.78	1/4	3,806.15	1/4		1/4		1/4		1/4		1/4	
1/2	2,714.39	1/2	2,988.76	1/2	3,263.13	1/2	3,537.50	1/2	3,811.87	1/2		1/2		1/2		1/2		1/2	
3/4	2,720.11	3/4	2,994.48	3/4	3,268.85	3/4	3,543.21	3/4	3,817.58	3/4		3/4		3/4		3/4		3/4	
1	2,725.83	1	3,000.19	1	3,274.56	1	3,548.93	1	3,823.30	1		1		1		1		1	
1/4	2,731.54	1/4	3,005.91	1/4	3,280.28	1/4	3,554.65	1/4	3,829.01	1/4		1/4		1/4		1/4		1/4	
1/2	2,737.26	1/2	3,011.63	1/2	3,285.99	1/2	3,560.36	1/2	3,834.73	1/2		1/2		1/2		1/2		1/2	
3/4	2,742.97	3/4	3,017.34	3/4	3,291.71	3/4	3,566.08	3/4	3,840.45	3/4		3/4		3/4		3/4		3/4	
2	2,748.69	2	3,023.06	2	3,297.43	2	3,571.79	2	3,846.16	2		2		2		2		2	
1/4	2,754.41	1/4	3,028.77	1/4	3,303.14	1/4	3,577.51	1/4	3,851.88	1/4		1/4		1/4		1/4		1/4	
1/2	2,760.12	1/2	3,034.49	1/2	3,308.86	1/2	3,583.23	1/2	3,857.59	1/2		1/2		1/2		1/2		1/2	
3/4	2,765.84	3/4	3,040.21	3/4	3,314.57	3/4	3,588.94	3/4	3,863.30	3/4		3/4		3/4		3/4		3/4	
3	2,771.55	3	3,045.92	3	3,320.29	3	3,594.66	3	3,869.02	3		3		3		3		3	
1/4	2,777.27	1/4	3,051.64	1/4	3,326.01	1/4	3,600.37	1/4	3,874.72	1/4		1/4		1/4		1/4		1/4	
1/2	2,782.99	1/2	3,057.35	1/2	3,331.72	1/2	3,606.09	1/2	3,880.42	1/2		1/2		1/2		1/2		1/2	
3/4	2,788.70	3/4	3,063.07	3/4	3,337.44	3/4	3,611.81	3/4	3,886.12	3/4		3/4		3/4		3/4		3/4	
4	2,794.42	4	3,068.79	4	3,343.15	4	3,617.52	4	3,891.82	4		4		4		4		4	
1/4	2,800.13	1/4	3,074.50	1/4	3,348.87	1/4	3,623.24	1/4	3,897.49	1/4		1/4		1/4		1/4		1/4	
1/2	2,805.85	1/2	3,080.22	1/2	3,354.59	1/2	3,628.95	1/2	3,903.16	1/2		1/2		1/2		1/2		1/2	
3/4	2,811.57	3/4	3,085.93	3/4	3,360.30	3/4	3,634.67	3/4	3,908.82	3/4		3/4		3/4		3/4		3/4	
5	2,817.28	5	3,091.65	5	3,366.02	5	3,640.39	5	3,914.49	5		5		5		5		5	
1/4	2,823.00	1/4	3,097.37	1/4	3,371.73	1/4	3,646.10	1/4	3,919.25	1/4		1/4		1/4		1/4		1/4	
1/2	2,828.71	1/2	3,103.08	1/2	3,377.45	1/2	3,651.82	1/2	3,924.01	1/2		1/2		1/2		1/2		1/2	
3/4	2,834.43	3/4	3,108.80	3/4	3,383.17	3/4	3,657.53	3/4	3,928.77	3/4		3/4		3/4		3/4		3/4	
6	2,840.15	6	3,114.51	6	3,388.88	6	3,663.25	6	3,933.53	6		6		6		6		6	
1/4	2,845.86	1/4	3,120.23	1/4	3,394.60	1/4	3,668.97	1/4	3,936.39	1/4		1/4		1/4		1/4		1/4	
1/2	2,851.58	1/2	3,125.95	1/2	3,400.31	1/2	3,674.68	1/2	3,939.25	1/2		1/2		1/2		1/2		1/2	
3/4	2,857.29	3/4	3,131.66	3/4	3,406.03	3/4	3,680.40	3/4	3,942.10	3/4		3/4		3/4		3/4		3/4	
7	2,863.01	7	3,137.38	7	3,411.75	7	3,686.11	7	3,944.96	7		7		7		7		7	
1/4	2,868.73	1/4	3,143.09	1/4	3,417.46	1/4	3,691.83	1/4	3,945.91	1/4		1/4		1/4		1/4		1/4	
1/2	2,874.44	1/2	3,148.81	1/2	3,423.18	1/2	3,697.55	1/2	3,946.86	1/2		1/2		1/2		1/2		1/2	
3/4	2,880.16	3/4	3,154.53	3/4	3,428.89	3/4	3,703.26	3/4	3,947.81	3/4		3/4		3/4		3/4		3/4	
8	2,885.87	8	3,160.24	8	3,434.61	8	3,708.98	8	3,948.77	8		8		8		8		8	
1/4	2,891.59	1/4	3,165.96	1/4	3,440.33	1/4	3,714.69	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,897.31	1/2	3,171.67	1/2	3,446.04	1/2	3,720.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,903.02	3/4	3,177.39	3/4	3,451.76	3/4	3,726.13	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,908.74	9	3,183.11	9	3,457.47	9	3,731.84	9		9		9		9		9		9	
1/4	2,914.45	1/4	3,188.82	1/4	3,463.19	1/4	3,737.56	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,920.17	1/2	3,194.54	1/2	3,468.91	1/2	3,743.27	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,925.89	3/4	3,200.25	3/4	3,474.62	3/4	3,748.99	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,931.60	10	3,205.97	10	3,480.34	10	3,754.71	10		10		10		10		10		10	
1/4	2,937.32	1/4	3,211.69	1/4	3,486.05	1/4	3,760.42	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,943.03	1/2	3,217.40	1/2	3,491.77	1/2	3,766.14	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,948.75	3/4	3,223.12	3/4	3,497.49	3/4	3,771.85	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,954.47	11	3,228.83	11	3,503.20	11	3,777.57	11		11		11		11		11		11	
1/4	2,960.18	1/4	3,234.55	1/4	3,508.92	1/4	3,783.29	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,965.90	1/2	3,240.27	1/2	3,514.63	1/2	3,789.00	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,971.61	3/4	3,245.98	3/4	3,520.35	3/4	3,794.72	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/15/2019 CL
CALCULATED: 11/15/2019 CL
PRINTED: 11/16/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "FMT 1406"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	0.73	0	216.06	0	462.45	0	708.59	0	954.74	0	1,201.13	0	1,447.52	0	1,693.92	0	1,940.31	0	2,186.70
1/4	1.59	1/4	221.20	1/4	467.58	1/4	713.71	1/4	959.87	1/4	1,206.26	1/4	1,452.66	1/4	1,699.05	1/4	1,945.44	1/4	2,191.84
1/2	2.44	1/2	226.33	1/2	472.71	1/2	718.83	1/2	965.00	1/2	1,211.40	1/2	1,457.79	1/2	1,704.18	1/2	1,950.58	1/2	2,196.97
3/4	3.30	3/4	231.46	3/4	477.85	3/4	723.95	3/4	970.14	3/4	1,216.53	3/4	1,462.92	3/4	1,709.32	3/4	1,955.71	3/4	2,202.10
1	4.15	1	236.60	1	482.98	1	729.07	1	975.27	1	1,221.66	1	1,468.06	1	1,714.45	1	1,960.84	1	2,207.24
1/4	6.72	1/4	241.73	1/4	488.11	1/4	734.19	1/4	980.40	1/4	1,226.80	1/4	1,473.19	1/4	1,719.58	1/4	1,965.98	1/4	2,212.37
1/2	9.28	1/2	246.86	1/2	493.25	1/2	739.31	1/2	985.54	1/2	1,231.93	1/2	1,478.32	1/2	1,724.72	1/2	1,971.11	1/2	2,217.50
3/4	11.85	3/4	252.00	3/4	498.38	3/4	744.43	3/4	990.67	3/4	1,237.06	3/4	1,483.46	3/4	1,729.85	3/4	1,976.24	3/4	2,222.64
2	14.41	2	257.13	2	503.51	2	749.55	2	995.80	2	1,242.20	2	1,488.59	2	1,734.98	2	1,981.38	2	2,227.77
1/4	18.69	1/4	262.26	1/4	508.65	1/4	754.67	1/4	1,000.93	1/4	1,247.33	1/4	1,493.72	1/4	1,740.12	1/4	1,986.51	1/4	2,232.90
1/2	22.96	1/2	267.39	1/2	513.78	1/2	759.79	1/2	1,006.07	1/2	1,252.46	1/2	1,498.86	1/2	1,745.25	1/2	1,991.64	1/2	2,238.04
3/4	27.24	3/4	272.53	3/4	518.91	3/4	764.91	3/4	1,011.20	3/4	1,257.59	3/4	1,503.99	3/4	1,750.38	3/4	1,996.78	3/4	2,243.17
3	31.51	3	277.66	3	524.04	3	770.03	3	1,016.33	3	1,262.73	3	1,509.12	3	1,755.52	3	2,001.91	3	2,248.30
1/4	36.60	1/4	282.79	1/4	529.18	1/4	775.15	1/4	1,021.47	1/4	1,267.86	1/4	1,514.25	1/4	1,760.65	1/4	2,007.04	1/4	2,253.44
1/2	41.69	1/2	287.93	1/2	534.31	1/2	780.27	1/2	1,026.60	1/2	1,272.99	1/2	1,519.39	1/2	1,765.78	1/2	2,012.18	1/2	2,258.57
3/4	46.78	3/4	293.06	3/4	539.44	3/4	785.39	3/4	1,031.73	3/4	1,278.13	3/4	1,524.52	3/4	1,770.91	3/4	2,017.31	3/4	2,263.70
4	51.87	4	298.19	4	544.58	4	790.51	4	1,036.87	4	1,283.26	4	1,529.65	4	1,776.05	4	2,022.44	4	2,268.84
1/4	56.99	1/4	303.33	1/4	549.71	1/4	795.63	1/4	1,042.00	1/4	1,288.39	1/4	1,534.79	1/4	1,781.18	1/4	2,027.57	1/4	2,273.97
1/2	62.11	1/2	308.46	1/2	554.84	1/2	800.76	1/2	1,047.13	1/2	1,293.53	1/2	1,539.92	1/2	1,786.31	1/2	2,032.71	1/2	2,279.10
3/4	67.23	3/4	313.59	3/4	559.98	3/4	805.88	3/4	1,052.27	3/4	1,298.66	3/4	1,545.05	3/4	1,791.45	3/4	2,037.84	3/4	2,284.23
5	72.35	5	318.72	5	565.11	5	811.01	5	1,057.40	5	1,303.79	5	1,550.19	5	1,796.58	5	2,042.97	5	2,289.37
1/4	77.48	1/4	323.86	1/4	570.24	1/4	816.14	1/4	1,062.53	1/4	1,308.93	1/4	1,555.32	1/4	1,801.71	1/4	2,048.11	1/4	2,294.50
1/2	82.61	1/2	328.99	1/2	575.37	1/2	821.27	1/2	1,067.67	1/2	1,314.06	1/2	1,560.45	1/2	1,806.85	1/2	2,053.24	1/2	2,299.63
3/4	87.74	3/4	334.12	3/4	580.51	3/4	826.41	3/4	1,072.80	3/4	1,319.19	3/4	1,565.59	3/4	1,811.98	3/4	2,058.37	3/4	2,304.77
6	92.87	6	339.26	6	585.64	6	831.54	6	1,077.93	6	1,324.33	6	1,570.72	6	1,817.11	6	2,063.51	6	2,309.90
1/4	98.01	1/4	344.39	1/4	590.77	1/4	836.67	1/4	1,083.07	1/4	1,329.46	1/4	1,575.85	1/4	1,822.25	1/4	2,068.64	1/4	2,315.03
1/2	103.14	1/2	349.52	1/2	595.91	1/2	841.81	1/2	1,088.20	1/2	1,334.59	1/2	1,580.99	1/2	1,827.38	1/2	2,073.77	1/2	2,320.17
3/4	108.27	3/4	354.66	3/4	601.04	3/4	846.94	3/4	1,093.33	3/4	1,339.73	3/4	1,586.12	3/4	1,832.51	3/4	2,078.91	3/4	2,325.30
7	113.40	7	359.79	7	606.17	7	852.07	7	1,098.47	7	1,344.86	7	1,591.25	7	1,837.65	7	2,084.04	7	2,330.43
1/4	118.54	1/4	364.92	1/4	611.30	1/4	857.21	1/4	1,103.60	1/4	1,349.99	1/4	1,596.39	1/4	1,842.78	1/4	2,089.17	1/4	2,335.57
1/2	123.67	1/2	370.05	1/2	616.42	1/2	862.34	1/2	1,108.73	1/2	1,355.13	1/2	1,601.52	1/2	1,847.91	1/2	2,094.31	1/2	2,340.70
3/4	128.80	3/4	375.19	3/4	621.55	3/4	867.47	3/4	1,113.87	3/4	1,360.26	3/4	1,606.65	3/4	1,853.05	3/4	2,099.44	3/4	2,345.83
8	133.94	8	380.32	8	626.67	8	872.60	8	1,119.00	8	1,365.39	8	1,611.79	8	1,858.18	8	2,104.57	8	2,350.97
1/4	139.07	1/4	385.45	1/4	631.79	1/4	877.74	1/4	1,124.13	1/4	1,370.53	1/4	1,616.92	1/4	1,863.31	1/4	2,109.71	1/4	2,356.10
1/2	144.20	1/2	390.59	1/2	636.91	1/2	882.87	1/2	1,129.26	1/2	1,375.66	1/2	1,622.05	1/2	1,868.45	1/2	2,114.84	1/2	2,361.23
3/4	149.34	3/4	395.72	3/4	642.03	3/4	888.00	3/4	1,134.40	3/4	1,380.79	3/4	1,627.19	3/4	1,873.58	3/4	2,119.97	3/4	2,366.37
9	154.47	9	400.85	9	647.15	9	893.14	9	1,139.53	9	1,385.92	9	1,632.32	9	1,878.71	9	2,125.11	9	2,371.50
1/4	159.60	1/4	405.99	1/4	652.27	1/4	898.27	1/4	1,144.66	1/4	1,391.06	1/4	1,637.45	1/4	1,883.85	1/4	2,130.24	1/4	2,376.63
1/2	164.73	1/2	411.12	1/2	657.39	1/2	903.40	1/2	1,149.80	1/2	1,396.19	1/2	1,642.58	1/2	1,888.98	1/2	2,135.37	1/2	2,381.77
3/4	169.87	3/4	416.25	3/4	662.51	3/4	908.54	3/4	1,154.93	3/4	1,401.32	3/4	1,647.72	3/4	1,894.11	3/4	2,140.51	3/4	2,386.90
10	175.00	10	421.38	10	667.63	10	913.67	10	1,160.06	10	1,406.46	10	1,652.85	10	1,899.24	10	2,145.64	10	2,392.03
1/4	180.13	1/4	426.52	1/4	672.75	1/4	918.80	1/4	1,165.20	1/4	1,411.59	1/4	1,657.98	1/4	1,904.38	1/4	2,150.77	1/4	2,397.17
1/2	185.27	1/2	431.65	1/2	677.87	1/2	923.94	1/2	1,170.33	1/2	1,416.72	1/2	1,663.12	1/2	1,909.51	1/2	2,155.90	1/2	2,402.30
3/4	190.40	3/4	436.78	3/4	682.99	3/4	929.07	3/4	1,175.46	3/4	1,421.86	3/4	1,668.25	3/4	1,914.64	3/4	2,161.04	3/4	2,407.43
11	195.53	11	441.92	11	688.11	11	934.20	11	1,180.60	11	1,426.99	11	1,673.38	11	1,919.78	11	2,166.17	11	2,412.56
1/4	200.67	1/4	447.05	1/4	693.23	1/4	939.34	1/4	1,185.73	1/4	1,432.12	1/4	1,678.52	1/4	1,924.91	1/4	2,171.30	1/4	2,417.70
1/2	205.80	1/2	452.18	1/2	698.35	1/2	944.47	1/2	1,190.86	1/2	1,437.26	1/2	1,683.65	1/2	1,930.04	1/2	2,176.44	1/2	2,422.83
3/4	210.93	3/4	457.32	3/4	703.47	3/4	949.60	3/4	1,196.00	3/4	1,442.39	3/4	1,688.78	3/4	1,935.18	3/4	2,181.57	3/4	2,427.96

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER "HERMETIC" VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "FMT 1406"

3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	2,433.10	0	2,679.49	0	2,925.88	0	3,172.28	0	3,418.67	0		0		0		0		0	
1/4	2,438.23	1/4	2,684.62	1/4	2,931.02	1/4	3,177.41	1/4	3,423.81	1/4		1/4		1/4		1/4		1/4	
1/2	2,443.36	1/2	2,689.76	1/2	2,936.15	1/2	3,182.54	1/2	3,428.94	1/2		1/2		1/2		1/2		1/2	
3/4	2,448.50	3/4	2,694.89	3/4	2,941.28	3/4	3,187.68	3/4	3,434.07	3/4		3/4		3/4		3/4		3/4	
1	2,453.63	1	2,700.02	1	2,946.42	1	3,192.81	1	3,439.20	1		1		1		1		1	
1/4	2,458.76	1/4	2,705.16	1/4	2,951.55	1/4	3,197.94	1/4	3,444.34	1/4		1/4		1/4		1/4		1/4	
1/2	2,463.90	1/2	2,710.29	1/2	2,956.68	1/2	3,203.08	1/2	3,449.47	1/2		1/2		1/2		1/2		1/2	
3/4	2,469.03	3/4	2,715.42	3/4	2,961.82	3/4	3,208.21	3/4	3,454.60	3/4		3/4		3/4		3/4		3/4	
2	2,474.16	2	2,720.56	2	2,966.95	2	3,213.34	2	3,459.74	2		2		2		2		2	
1/4	2,479.30	1/4	2,725.69	1/4	2,972.08	1/4	3,218.48	1/4	3,464.87	1/4		1/4		1/4		1/4		1/4	
1/2	2,484.43	1/2	2,730.82	1/2	2,977.22	1/2	3,223.61	1/2	3,470.00	1/2		1/2		1/2		1/2		1/2	
3/4	2,489.56	3/4	2,735.96	3/4	2,982.35	3/4	3,228.74	3/4	3,475.13	3/4		3/4		3/4		3/4		3/4	
3	2,494.70	3	2,741.09	3	2,987.48	3	3,233.88	3	3,480.26	3		3		3		3		3	
1/4	2,499.83	1/4	2,746.22	1/4	2,992.62	1/4	3,239.01	1/4	3,485.38	1/4		1/4		1/4		1/4		1/4	
1/2	2,504.96	1/2	2,751.36	1/2	2,997.75	1/2	3,244.14	1/2	3,490.50	1/2		1/2		1/2		1/2		1/2	
3/4	2,510.10	3/4	2,756.49	3/4	3,002.88	3/4	3,249.28	3/4	3,495.62	3/4		3/4		3/4		3/4		3/4	
4	2,515.23	4	2,761.62	4	3,008.02	4	3,254.41	4	3,500.74	4		4		4		4		4	
1/4	2,520.36	1/4	2,766.76	1/4	3,013.15	1/4	3,259.54	1/4	3,505.83	1/4		1/4		1/4		1/4		1/4	
1/2	2,525.50	1/2	2,771.89	1/2	3,018.28	1/2	3,264.68	1/2	3,510.92	1/2		1/2		1/2		1/2		1/2	
3/4	2,530.63	3/4	2,777.02	3/4	3,023.42	3/4	3,269.81	3/4	3,516.01	3/4		3/4		3/4		3/4		3/4	
5	2,535.76	5	2,782.16	5	3,028.55	5	3,274.94	5	3,521.10	5		5		5		5		5	
1/4	2,540.89	1/4	2,787.29	1/4	3,033.68	1/4	3,280.08	1/4	3,525.37	1/4		1/4		1/4		1/4		1/4	
1/2	2,546.03	1/2	2,792.42	1/2	3,038.82	1/2	3,285.21	1/2	3,529.65	1/2		1/2		1/2		1/2		1/2	
3/4	2,551.16	3/4	2,797.55	3/4	3,043.95	3/4	3,290.34	3/4	3,533.93	3/4		3/4		3/4		3/4		3/4	
6	2,556.29	6	2,802.69	6	3,049.08	6	3,295.48	6	3,538.20	6		6		6		6		6	
1/4	2,561.43	1/4	2,807.82	1/4	3,054.21	1/4	3,300.61	1/4	3,540.77	1/4		1/4		1/4		1/4		1/4	
1/2	2,566.56	1/2	2,812.95	1/2	3,059.35	1/2	3,305.74	1/2	3,543.33	1/2		1/2		1/2		1/2		1/2	
3/4	2,571.69	3/4	2,818.09	3/4	3,064.48	3/4	3,310.87	3/4	3,545.90	3/4		3/4		3/4		3/4		3/4	
7	2,576.83	7	2,823.22	7	3,069.61	7	3,316.01	7	3,548.46	7		7		7		7		7	
1/4	2,581.96	1/4	2,828.35	1/4	3,074.75	1/4	3,321.14	1/4	3,549.32	1/4		1/4		1/4		1/4		1/4	
1/2	2,587.09	1/2	2,833.49	1/2	3,079.88	1/2	3,326.27	1/2	3,550.17	1/2		1/2		1/2		1/2		1/2	
3/4	2,592.23	3/4	2,838.62	3/4	3,085.01	3/4	3,331.41	3/4	3,551.03	3/4		3/4		3/4		3/4		3/4	
8	2,597.36	8	2,843.75	8	3,090.15	8	3,336.54	8	3,551.88	8		8		8		8		8	
1/4	2,602.49	1/4	2,848.89	1/4	3,095.28	1/4	3,341.67	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,607.63	1/2	2,854.02	1/2	3,100.41	1/2	3,346.81	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,612.76	3/4	2,859.15	3/4	3,105.55	3/4	3,351.94	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,617.89	9	2,864.29	9	3,110.68	9	3,357.07	9		9		9		9		9		9	
1/4	2,623.03	1/4	2,869.42	1/4	3,115.81	1/4	3,362.21	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,628.16	1/2	2,874.55	1/2	3,120.95	1/2	3,367.34	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,633.29	3/4	2,879.69	3/4	3,126.08	3/4	3,372.47	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,638.43	10	2,884.82	10	3,131.21	10	3,377.61	10		10		10		10		10		10	
1/4	2,643.56	1/4	2,889.95	1/4	3,136.35	1/4	3,382.74	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,648.69	1/2	2,895.09	1/2	3,141.48	1/2	3,387.87	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,653.83	3/4	2,900.22	3/4	3,146.61	3/4	3,393.01	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,658.96	11	2,905.35	11	3,151.75	11	3,398.14	11		11		11		11		11		11	
1/4	2,664.09	1/4	2,910.49	1/4	3,156.88	1/4	3,403.27	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,669.22	1/2	2,915.62	1/2	3,162.01	1/2	3,408.41	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,674.36	3/4	2,920.75	3/4	3,167.15	3/4	3,413.54	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/15/2019 CL
CALCULATED: 11/15/2019 CL
PRINTED: 11/16/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "FMT 1406"

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 CENTER	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-1/4
3 CENTER	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/8	01-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-09"

November 15, 2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "FMT 1406"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	
0		0	3,418.21	0	3,229.33	0	3,018.49	0	2,807.65	0	2,597.09	0	2,356.60	0	2,109.47	0	1,862.46	0	1,615.89
1/4		1/4	3,417.35	1/4	3,224.94	1/4	3,014.10	1/4	2,803.26	1/4	2,592.73	1/4	2,351.45	1/4	2,104.32	1/4	1,857.33	1/4	1,610.74
1/2		1/2	3,416.49	1/2	3,220.55	1/2	3,009.71	1/2	2,798.87	1/2	2,588.37	1/2	2,346.31	1/2	2,099.17	1/2	1,852.19	1/2	1,605.60
3/4		3/4	3,415.63	3/4	3,216.15	3/4	3,005.31	3/4	2,794.47	3/4	2,584.01	3/4	2,341.17	3/4	2,094.02	3/4	1,847.06	3/4	1,600.46
1		1	3,414.77	1	3,211.76	1	3,000.92	1	2,790.08	1	2,579.65	1	2,336.02	1	2,088.88	1	1,841.93	1	1,595.31
1/4		1/4	3,412.19	1/4	3,207.37	1/4	2,996.53	1/4	2,785.69	1/4	2,575.29	1/4	2,330.87	1/4	2,083.73	1/4	1,836.80	1/4	1,590.17
1/2		1/2	3,409.61	1/2	3,202.98	1/2	2,992.14	1/2	2,781.30	1/2	2,570.94	1/2	2,325.73	1/2	2,078.58	1/2	1,831.67	1/2	1,585.03
3/4		3/4	3,407.03	3/4	3,198.58	3/4	2,987.74	3/4	2,776.90	3/4	2,566.58	3/4	2,320.58	3/4	2,073.43	3/4	1,826.53	3/4	1,579.88
2		2	3,404.45	2	3,194.19	2	2,983.35	2	2,772.51	2	2,562.22	2	2,315.43	2	2,068.28	2	1,821.40	2	1,574.74
1/4		1/4	3,400.15	1/4	3,189.80	1/4	2,978.96	1/4	2,768.12	1/4	2,557.09	1/4	2,310.28	1/4	2,063.13	1/4	1,816.27	1/4	1,569.59
1/2		1/2	3,395.85	1/2	3,185.41	1/2	2,974.57	1/2	2,763.73	1/2	2,551.96	1/2	2,305.13	1/2	2,057.98	1/2	1,811.14	1/2	1,564.45
3/4		3/4	3,391.55	3/4	3,181.01	3/4	2,970.17	3/4	2,759.33	3/4	2,546.83	3/4	2,299.98	3/4	2,052.83	3/4	1,806.01	3/4	1,559.31
3		3	3,387.25	3	3,176.62	3	2,965.78	3	2,754.94	3	2,541.71	3	2,294.83	3	2,047.68	3	1,800.87	3	1,554.16
1/4		1/4	3,382.90	1/4	3,172.23	1/4	2,961.39	1/4	2,750.55	1/4	2,536.58	1/4	2,289.68	1/4	2,042.54	1/4	1,795.74	1/4	1,549.02
1/2		1/2	3,378.55	1/2	3,167.84	1/2	2,957.00	1/2	2,746.16	1/2	2,531.45	1/2	2,284.53	1/2	2,037.39	1/2	1,790.61	1/2	1,543.88
3/4		3/4	3,374.20	3/4	3,163.44	3/4	2,952.60	3/4	2,741.76	3/4	2,526.32	3/4	2,279.38	3/4	2,032.24	3/4	1,785.48	3/4	1,538.73
4		4	3,369.86	4	3,159.05	4	2,948.21	4	2,737.37	4	2,521.19	4	2,274.24	4	2,027.09	4	1,780.34	4	1,533.59
1/4		1/4	3,365.48	1/4	3,154.66	1/4	2,943.82	1/4	2,732.98	1/4	2,516.05	1/4	2,269.09	1/4	2,021.94	1/4	1,775.21	1/4	1,528.45
1/2		1/2	3,361.10	1/2	3,150.27	1/2	2,939.43	1/2	2,728.59	1/2	2,510.91	1/2	2,263.94	1/2	2,016.79	1/2	1,770.08	1/2	1,523.30
3/4		3/4	3,356.72	3/4	3,145.87	3/4	2,935.03	3/4	2,724.19	3/4	2,505.76	3/4	2,258.79	3/4	2,011.64	3/4	1,764.95	3/4	1,518.16
5		5	3,352.34	5	3,141.48	5	2,930.64	5	2,719.80	5	2,500.62	5	2,253.64	5	2,006.49	5	1,759.82	5	1,513.02
1/4		1/4	3,347.94	1/4	3,137.09	1/4	2,926.25	1/4	2,715.41	1/4	2,495.47	1/4	2,248.49	1/4	2,001.34	1/4	1,754.68	1/4	1,507.87
1/2		1/2	3,343.54	1/2	3,132.70	1/2	2,921.86	1/2	2,711.02	1/2	2,490.33	1/2	2,243.34	1/2	1,996.20	1/2	1,749.55	1/2	1,502.73
3/4		3/4	3,339.15	3/4	3,128.30	3/4	2,917.46	3/4	2,706.62	3/4	2,485.19	3/4	2,238.19	3/4	1,991.05	3/4	1,744.42	3/4	1,497.58
6		6	3,334.75	6	3,123.91	6	2,913.07	6	2,702.23	6	2,480.04	6	2,233.04	6	1,985.90	6	1,739.29	6	1,492.44
1/4		1/4	3,330.36	1/4	3,119.52	1/4	2,908.68	1/4	2,697.84	1/4	2,474.90	1/4	2,227.90	1/4	1,980.75	1/4	1,734.16	1/4	1,487.29
1/2		1/2	3,325.97	1/2	3,115.13	1/2	2,904.29	1/2	2,693.45	1/2	2,469.76	1/2	2,222.75	1/2	1,975.60	1/2	1,729.02	1/2	1,482.15
3/4		3/4	3,321.57	3/4	3,110.73	3/4	2,899.89	3/4	2,689.05	3/4	2,464.61	3/4	2,217.60	3/4	1,970.45	3/4	1,723.89	3/4	1,477.00
7		7	3,317.18	7	3,106.34	7	2,895.50	7	2,684.66	7	2,459.47	7	2,212.45	7	1,965.30	7	1,718.76	7	1,471.85
1/4		1/4	3,312.79	1/4	3,101.95	1/4	2,891.11	1/4	2,680.27	1/4	2,454.33	1/4	2,207.30	1/4	1,960.15	1/4	1,713.63	1/4	1,466.70
1/2		1/2	3,308.40	1/2	3,097.56	1/2	2,886.72	1/2	2,675.88	1/2	2,449.18	1/2	2,202.15	1/2	1,955.00	1/2	1,708.50	1/2	1,461.56
3/4		3/4	3,304.00	3/4	3,093.16	3/4	2,882.32	3/4	2,671.48	3/4	2,444.04	3/4	2,197.00	3/4	1,949.86	3/4	1,703.36	3/4	1,456.41
8		8	3,299.61	8	3,088.77	8	2,877.93	8	2,667.09	8	2,438.89	8	2,191.85	8	1,944.71	8	1,698.23	8	1,451.26
1/4		1/4	3,295.22	1/4	3,084.38	1/4	2,873.54	1/4	2,662.70	1/4	2,433.75	1/4	2,186.70	1/4	1,939.56	1/4	1,693.08	1/4	1,446.11
1/2		1/2	3,290.83	1/2	3,079.99	1/2	2,869.15	1/2	2,658.31	1/2	2,428.61	1/2	2,181.56	1/2	1,934.41	1/2	1,687.94	1/2	1,440.97
3/4		3/4	3,286.43	3/4	3,075.59	3/4	2,864.75	3/4	2,653.91	3/4	2,423.46	3/4	2,176.41	3/4	1,929.26	3/4	1,682.79	3/4	1,435.82
9		9	3,282.04	9	3,071.20	9	2,860.36	9	2,649.52	9	2,418.32	9	2,171.26	9	1,924.11	9	1,677.65	9	1,430.67
1/4		1/4	3,277.65	1/4	3,066.81	1/4	2,855.97	1/4	2,645.13	1/4	2,413.18	1/4	2,166.11	1/4	1,918.96	1/4	1,672.50	1/4	1,425.52
1/2		1/2	3,273.26	1/2	3,062.42	1/2	2,851.58	1/2	2,640.74	1/2	2,408.03	1/2	2,160.96	1/2	1,913.81	1/2	1,667.35	1/2	1,420.38
3/4		3/4	3,268.86	3/4	3,058.02	3/4	2,847.18	3/4	2,636.34	3/4	2,402.89	3/4	2,155.81	3/4	1,908.66	3/4	1,662.21	3/4	1,415.23
10		10	3,264.47	10	3,053.63	10	2,842.79	10	2,631.95	10	2,397.75	10	2,150.66	10	1,903.52	10	1,657.06	10	1,410.08
1/4		1/4	3,260.08	1/4	3,049.24	1/4	2,838.40	1/4	2,627.59	1/4	2,392.60	1/4	2,145.51	1/4	1,898.38	1/4	1,651.91	1/4	1,404.93
1/2		1/2	3,255.69	1/2	3,044.85	1/2	2,834.01	1/2	2,623.23	1/2	2,387.46	1/2	2,140.36	1/2	1,893.25	1/2	1,646.77	1/2	1,399.79
3/4		3/4	3,251.29	3/4	3,040.45	3/4	2,829.61	3/4	2,618.88	3/4	2,382.32	3/4	2,135.22	3/4	1,888.12	3/4	1,641.62	3/4	1,394.64
11		11	3,246.90	11	3,036.06	11	2,825.22	11	2,614.52	11	2,377.17	11	2,130.07	11	1,882.99	11	1,636.47	11	1,389.49
1/4		1/4	3,242.51	1/4	3,031.67	1/4	2,820.83	1/4	2,610.16	1/4	2,372.03	1/4	2,124.92	1/4	1,877.85	1/4	1,631.33	1/4	1,384.34
1/2		1/2	3,238.12	1/2	3,027.28	1/2	2,816.44	1/2	2,605.80	1/2	2,366.88	1/2	2,119.77	1/2	1,872.72	1/2	1,626.18	1/2	1,379.20
3/4		3/4	3,233.72	3/4	3,022.88	3/4	2,812.04	3/4	2,601.44	3/4	2,361.74	3/4	2,114.62	3/4	1,867.59	3/4	1,621.03	3/4	1,374.05

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 ULLAGE GAUGES TAKEN AT 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "FMT 1406"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	1,368.90	0	1,121.82	0	874.74	0	633.02	0	385.89	0	138.05	0		0		0		0	
1/4	1,363.75	1/4	1,116.67	1/4	869.59	1/4	628.02	1/4	380.72	1/4	132.89	1/4		1/4		1/4		1/4	
1/2	1,358.61	1/2	1,111.53	1/2	864.45	1/2	623.01	1/2	375.56	1/2	127.73	1/2		1/2		1/2		1/2	
3/4	1,353.46	3/4	1,106.38	3/4	859.30	3/4	618.00	3/4	370.40	3/4	122.56	3/4		3/4		3/4		3/4	
1	1,348.31	1	1,101.23	1	854.15	1	613.00	1	365.23	1	117.40	1		1		1		1	
1/4	1,343.16	1/4	1,096.08	1/4	849.00	1/4	607.84	1/4	360.07	1/4	112.24	1/4		1/4		1/4		1/4	
1/2	1,338.02	1/2	1,090.94	1/2	843.86	1/2	602.69	1/2	354.91	1/2	107.08	1/2		1/2		1/2		1/2	
3/4	1,332.87	3/4	1,085.79	3/4	838.71	3/4	597.53	3/4	349.74	3/4	101.91	3/4		3/4		3/4		3/4	
2	1,327.72	2	1,080.64	2	833.56	2	592.38	2	344.58	2	96.75	2		2		2		2	
1/4	1,322.57	1/4	1,075.49	1/4	828.41	1/4	587.22	1/4	339.42	1/4	91.59	1/4		1/4		1/4		1/4	
1/2	1,317.43	1/2	1,070.35	1/2	823.27	1/2	582.07	1/2	334.25	1/2	86.43	1/2		1/2		1/2		1/2	
3/4	1,312.28	3/4	1,065.20	3/4	818.12	3/4	576.91	3/4	329.09	3/4	81.26	3/4		3/4		3/4		3/4	
3	1,307.13	3	1,060.05	3	812.97	3	571.76	3	323.93	3	76.10	3		3		3		3	
1/4	1,301.98	1/4	1,054.90	1/4	807.95	1/4	566.59	1/4	318.77	1/4	70.95	1/4		1/4		1/4		1/4	
1/2	1,296.84	1/2	1,049.76	1/2	802.94	1/2	561.43	1/2	313.60	1/2	65.80	1/2		1/2		1/2		1/2	
3/4	1,291.69	3/4	1,044.61	3/4	797.92	3/4	556.27	3/4	308.44	3/4	60.65	3/4		3/4		3/4		3/4	
4	1,286.54	4	1,039.46	4	792.90	4	551.10	4	303.28	4	55.50	4		4		4		4	
1/4	1,281.39	1/4	1,034.31	1/4	787.89	1/4	545.94	1/4	298.11	1/4	50.38	1/4		1/4		1/4		1/4	
1/2	1,276.25	1/2	1,029.17	1/2	782.87	1/2	540.78	1/2	292.95	1/2	45.27	1/2		1/2		1/2		1/2	
3/4	1,271.10	3/4	1,024.02	3/4	777.86	3/4	535.62	3/4	287.79	3/4	40.15	3/4		3/4		3/4		3/4	
5	1,265.95	5	1,018.87	5	772.84	5	530.45	5	282.62	5	35.03	5		5		5		5	
1/4	1,260.80	1/4	1,013.72	1/4	767.85	1/4	525.29	1/4	277.46	1/4	30.73	1/4		1/4		1/4		1/4	
1/2	1,255.66	1/2	1,008.58	1/2	762.86	1/2	520.13	1/2	272.30	1/2	26.43	1/2		1/2		1/2		1/2	
3/4	1,250.51	3/4	1,003.43	3/4	757.87	3/4	514.96	3/4	267.13	3/4	22.13	3/4		3/4		3/4		3/4	
6	1,245.36	6	998.28	6	752.87	6	509.80	6	261.97	6	17.83	6		6		6		6	
1/4	1,240.21	1/4	993.13	1/4	747.88	1/4	504.64	1/4	256.81	1/4	15.25	1/4		1/4		1/4		1/4	
1/2	1,235.07	1/2	987.99	1/2	742.89	1/2	499.47	1/2	251.65	1/2	12.67	1/2		1/2		1/2		1/2	
3/4	1,229.92	3/4	982.84	3/4	737.90	3/4	494.31	3/4	246.48	3/4	10.09	3/4		3/4		3/4		3/4	
7	1,224.77	7	977.69	7	732.91	7	489.15	7	241.32	7	7.50	7		7		7		7	
1/4	1,219.62	1/4	972.54	1/4	727.92	1/4	483.98	1/4	236.16	1/4	6.65	1/4		1/4		1/4		1/4	
1/2	1,214.48	1/2	967.40	1/2	722.92	1/2	478.82	1/2	230.99	1/2	5.79	1/2		1/2		1/2		1/2	
3/4	1,209.33	3/4	962.25	3/4	717.93	3/4	473.66	3/4	225.83	3/4	4.93	3/4		3/4		3/4		3/4	
8	1,204.18	8	957.10	8	712.94	8	468.50	8	220.67	8	4.06	8		8		8		8	
1/4	1,199.03	1/4	951.95	1/4	707.95	1/4	463.33	1/4	215.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,193.89	1/2	946.81	1/2	702.96	1/2	458.17	1/2	210.34	1/2		1/2		1/2		1/2		1/2	
3/4	1,188.74	3/4	941.66	3/4	697.96	3/4	453.01	3/4	205.18	3/4		3/4		3/4		3/4		3/4	
9	1,183.59	9	936.51	9	692.97	9	447.84	9	200.01	9		9		9		9		9	
1/4	1,178.44	1/4	931.36	1/4	687.98	1/4	442.68	1/4	194.85	1/4		1/4		1/4		1/4		1/4	
1/2	1,173.30	1/2	926.22	1/2	682.99	1/2	437.52	1/2	189.69	1/2		1/2		1/2		1/2		1/2	
3/4	1,168.15	3/4	921.07	3/4	678.00	3/4	432.35	3/4	184.52	3/4		3/4		3/4		3/4		3/4	
10	1,163.00	10	915.92	10	673.00	10	427.19	10	179.36	10		10		10		10		10	
1/4	1,157.85	1/4	910.77	1/4	668.01	1/4	422.03	1/4	174.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,152.71	1/2	905.63	1/2	663.02	1/2	416.86	1/2	169.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,147.56	3/4	900.48	3/4	658.03	3/4	411.70	3/4	163.87	3/4		3/4		3/4		3/4		3/4	
11	1,142.41	11	895.33	11	653.04	11	406.54	11	158.71	11		11		11		11		11	
1/4	1,137.26	1/4	890.18	1/4	648.03	1/4	401.37	1/4	153.54	1/4		1/4		1/4		1/4		1/4	
1/2	1,132.12	1/2	885.04	1/2	643.03	1/2	396.21	1/2	148.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,126.97	3/4	879.89	3/4	638.03	3/4	391.05	3/4	143.22	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/15/2019 CL
CALCULATED: 11/15/2019 CL
PRINTED: 11/16/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "FMT 1406"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 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	1,525.47	0	1,251.10	0	976.73	0	708.20	0	434.85	0	160.49	0		0		0		0	
1/4	1,519.75	1/4	1,245.39	1/4	971.02	1/4	702.65	1/4	429.14	1/4	154.78	1/4		1/4		1/4		1/4	
1/2	1,514.04	1/2	1,239.67	1/2	965.30	1/2	697.11	1/2	423.42	1/2	149.06	1/2		1/2		1/2		1/2	
3/4	1,508.32	3/4	1,233.95	3/4	959.59	3/4	691.56	3/4	417.71	3/4	143.35	3/4		3/4		3/4		3/4	
1	1,502.61	1	1,228.24	1	953.87	1	686.01	1	411.99	1	137.63	1		1		1		1	
1/4	1,496.89	1/4	1,222.52	1/4	948.15	1/4	680.46	1/4	406.27	1/4	131.92	1/4		1/4		1/4		1/4	
1/2	1,491.17	1/2	1,216.81	1/2	942.44	1/2	674.92	1/2	400.56	1/2	126.20	1/2		1/2		1/2		1/2	
3/4	1,485.46	3/4	1,211.09	3/4	936.72	3/4	669.20	3/4	394.84	3/4	120.48	3/4		3/4		3/4		3/4	
2	1,479.74	2	1,205.37	2	931.01	2	663.48	2	389.13	2	114.77	2		2		2		2	
1/4	1,474.03	1/4	1,199.66	1/4	925.29	1/4	657.77	1/4	383.41	1/4	109.05	1/4		1/4		1/4		1/4	
1/2	1,468.31	1/2	1,193.94	1/2	919.57	1/2	652.05	1/2	377.69	1/2	103.34	1/2		1/2		1/2		1/2	
3/4	1,462.59	3/4	1,188.23	3/4	913.86	3/4	646.34	3/4	371.98	3/4	97.62	3/4		3/4		3/4		3/4	
3	1,456.88	3	1,182.51	3	908.14	3	640.62	3	366.26	3	91.91	3		3		3		3	
1/4	1,451.16	1/4	1,176.79	1/4	902.43	1/4	634.91	1/4	360.55	1/4	86.19	1/4		1/4		1/4		1/4	
1/2	1,445.45	1/2	1,171.08	1/2	896.71	1/2	629.19	1/2	354.83	1/2	80.48	1/2		1/2		1/2		1/2	
3/4	1,439.73	3/4	1,165.36	3/4	891.16	3/4	623.47	3/4	349.12	3/4	74.78	3/4		3/4		3/4		3/4	
4	1,434.01	4	1,159.65	4	885.61	4	617.76	4	343.40	4	69.08	4		4		4		4	
1/4	1,428.30	1/4	1,153.93	1/4	880.06	1/4	612.04	1/4	337.68	1/4	63.38	1/4		1/4		1/4		1/4	
1/2	1,422.58	1/2	1,148.21	1/2	874.51	1/2	606.33	1/2	331.97	1/2	57.67	1/2		1/2		1/2		1/2	
3/4	1,416.87	3/4	1,142.50	3/4	868.97	3/4	600.61	3/4	326.25	3/4	52.01	3/4		3/4		3/4		3/4	
5	1,411.15	5	1,136.78	5	863.43	5	594.89	5	320.54	5	46.34	5		5		5		5	
1/4	1,405.43	1/4	1,131.07	1/4	857.88	1/4	589.18	1/4	314.82	1/4	40.68	1/4		1/4		1/4		1/4	
1/2	1,399.72	1/2	1,125.35	1/2	852.34	1/2	583.46	1/2	309.10	1/2	35.01	1/2		1/2		1/2		1/2	
3/4	1,394.00	3/4	1,119.63	3/4	846.80	3/4	577.75	3/4	303.39	3/4	30.25	3/4		3/4		3/4		3/4	
6	1,388.29	6	1,113.92	6	841.25	6	572.03	6	297.67	6	25.49	6		6		6		6	
1/4	1,382.57	1/4	1,108.20	1/4	835.71	1/4	566.32	1/4	291.96	1/4	20.73	1/4		1/4		1/4		1/4	
1/2	1,376.85	1/2	1,102.49	1/2	830.16	1/2	560.60	1/2	286.24	1/2	15.97	1/2		1/2		1/2		1/2	
3/4	1,371.14	3/4	1,096.77	3/4	824.62	3/4	554.88	3/4	280.53	3/4	13.11	3/4		3/4		3/4		3/4	
7	1,365.42	7	1,091.05	7	819.08	7	549.17	7	274.81	7	10.25	7		7		7		7	
1/4	1,359.71	1/4	1,085.34	1/4	813.53	1/4	543.45	1/4	269.09	1/4	7.40	1/4		1/4		1/4		1/4	
1/2	1,353.99	1/2	1,079.62	1/2	807.99	1/2	537.74	1/2	263.38	1/2	4.54	1/2		1/2		1/2		1/2	
3/4	1,348.27	3/4	1,073.91	3/4	802.44	3/4	532.02	3/4	257.66	3/4	3.59	3/4		3/4		3/4		3/4	
8	1,342.56	8	1,068.19	8	796.90	8	526.31	8	251.95	8	2.64	8		8		8		8	
1/4	1,336.84	1/4	1,062.47	1/4	791.36	1/4	520.59	1/4	246.23	1/4	1.69	1/4		1/4		1/4		1/4	
1/2	1,331.13	1/2	1,056.76	1/2	785.81	1/2	514.87	1/2	240.52	1/2	0.73	1/2		1/2		1/2		1/2	
3/4	1,325.41	3/4	1,051.04	3/4	780.27	3/4	509.16	3/4	234.80	3/4		3/4		3/4		3/4		3/4	
9	1,319.69	9	1,045.33	9	774.72	9	503.44	9	229.08	9		9		9		9		9	
1/4	1,313.98	1/4	1,039.61	1/4	769.18	1/4	497.73	1/4	223.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,308.26	1/2	1,033.89	1/2	763.64	1/2	492.01	1/2	217.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,302.55	3/4	1,028.18	3/4	758.09	3/4	486.29	3/4	211.94	3/4		3/4		3/4		3/4		3/4	
10	1,296.83	10	1,022.46	10	752.55	10	480.58	10	206.22	10		10		10		10		10	
1/4	1,291.11	1/4	1,016.75	1/4	747.01	1/4	474.86	1/4	200.50	1/4		1/4		1/4		1/4		1/4	
1/2	1,285.40	1/2	1,011.03	1/2	741.46	1/2	469.15	1/2	194.79	1/2		1/2		1/2		1/2		1/2	
3/4	1,279.68	3/4	1,005.31	3/4	735.92	3/4	463.43	3/4	189.07	3/4		3/4		3/4		3/4		3/4	
11	1,273.97	11	999.60	11	730.37	11	457.72	11	183.36	11		11		11		11		11	
1/4	1,268.25	1/4	993.88	1/4	724.83	1/4	452.00	1/4	177.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,262.53	1/2	988.17	1/2	719.29	1/2	446.28	1/2	171.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,256.82	3/4	982.45	3/4	713.74	3/4	440.57	3/4	166.21	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/15/2019 CL
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PRINTED: 11/16/2019 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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



BARGE "FMT 1406"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	
0		0	3,551.88	0	3,336.54	0	3,090.15	0	2,843.75	0	2,597.36	0	2,350.97	0	2,104.57	0	1,858.18	0	1,611.79
1/4		1/4	3,551.03	1/4	3,331.41	1/4	3,085.01	1/4	2,838.62	1/4	2,592.23	1/4	2,345.83	1/4	2,099.44	1/4	1,853.05	1/4	1,606.65
1/2		1/2	3,550.17	1/2	3,326.27	1/2	3,079.88	1/2	2,833.49	1/2	2,587.09	1/2	2,340.70	1/2	2,094.31	1/2	1,847.91	1/2	1,601.52
3/4		3/4	3,549.32	3/4	3,321.14	3/4	3,074.75	3/4	2,828.35	3/4	2,581.96	3/4	2,335.57	3/4	2,089.17	3/4	1,842.78	3/4	1,596.39
1		1	3,548.46	1	3,316.01	1	3,069.61	1	2,823.22	1	2,576.83	1	2,330.43	1	2,084.04	1	1,837.65	1	1,591.25
1/4		1/4	3,545.90	1/4	3,310.87	1/4	3,064.48	1/4	2,818.09	1/4	2,571.69	1/4	2,325.30	1/4	2,078.91	1/4	1,832.51	1/4	1,586.12
1/2		1/2	3,543.33	1/2	3,305.74	1/2	3,059.35	1/2	2,812.95	1/2	2,566.56	1/2	2,320.17	1/2	2,073.77	1/2	1,827.38	1/2	1,580.99
3/4		3/4	3,540.77	3/4	3,300.61	3/4	3,054.21	3/4	2,807.82	3/4	2,561.43	3/4	2,315.03	3/4	2,068.64	3/4	1,822.25	3/4	1,575.85
2		2	3,538.20	2	3,295.47	2	3,049.08	2	2,802.69	2	2,556.29	2	2,309.90	2	2,063.51	2	1,817.11	2	1,570.72
1/4		1/4	3,533.92	1/4	3,290.34	1/4	3,043.95	1/4	2,797.55	1/4	2,551.16	1/4	2,304.77	1/4	2,058.37	1/4	1,811.98	1/4	1,565.59
1/2		1/2	3,529.65	1/2	3,285.21	1/2	3,038.81	1/2	2,792.42	1/2	2,546.03	1/2	2,299.63	1/2	2,053.24	1/2	1,806.85	1/2	1,560.45
3/4		3/4	3,525.37	3/4	3,280.08	3/4	3,033.68	3/4	2,787.29	3/4	2,540.89	3/4	2,294.50	3/4	2,048.11	3/4	1,801.71	3/4	1,555.32
3		3	3,521.10	3	3,274.94	3	3,028.55	3	2,782.15	3	2,535.76	3	2,289.37	3	2,042.97	3	1,796.58	3	1,550.19
1/4		1/4	3,516.01	1/4	3,269.81	1/4	3,023.42	1/4	2,777.02	1/4	2,530.63	1/4	2,284.23	1/4	2,037.84	1/4	1,791.45	1/4	1,545.05
1/2		1/2	3,510.92	1/2	3,264.68	1/2	3,018.28	1/2	2,771.89	1/2	2,525.49	1/2	2,279.10	1/2	2,032.71	1/2	1,786.31	1/2	1,539.92
3/4		3/4	3,505.83	3/4	3,259.54	3/4	3,013.15	3/4	2,766.76	3/4	2,520.36	3/4	2,273.97	3/4	2,027.57	3/4	1,781.18	3/4	1,534.79
4		4	3,500.74	4	3,254.41	4	3,008.02	4	2,761.62	4	2,515.23	4	2,268.83	4	2,022.44	4	1,776.05	4	1,529.65
1/4		1/4	3,495.62	1/4	3,249.28	1/4	3,002.88	1/4	2,756.49	1/4	2,510.10	1/4	2,263.70	1/4	2,017.31	1/4	1,770.91	1/4	1,524.52
1/2		1/2	3,490.50	1/2	3,244.14	1/2	2,997.75	1/2	2,751.36	1/2	2,504.96	1/2	2,258.57	1/2	2,012.17	1/2	1,765.78	1/2	1,519.39
3/4		3/4	3,485.38	3/4	3,239.01	3/4	2,992.62	3/4	2,746.22	3/4	2,499.83	3/4	2,253.44	3/4	2,007.04	3/4	1,760.65	3/4	1,514.25
5		5	3,480.26	5	3,233.88	5	2,987.48	5	2,741.09	5	2,494.70	5	2,248.30	5	2,001.91	5	1,755.51	5	1,509.12
1/4		1/4	3,475.13	1/4	3,228.74	1/4	2,982.35	1/4	2,735.96	1/4	2,489.56	1/4	2,243.17	1/4	1,996.78	1/4	1,750.38	1/4	1,503.99
1/2		1/2	3,470.00	1/2	3,223.61	1/2	2,977.22	1/2	2,730.82	1/2	2,484.43	1/2	2,238.04	1/2	1,991.64	1/2	1,745.25	1/2	1,498.85
3/4		3/4	3,464.87	3/4	3,218.48	3/4	2,972.08	3/4	2,725.69	3/4	2,479.30	3/4	2,232.90	3/4	1,986.51	3/4	1,740.12	3/4	1,493.72
6		6	3,459.74	6	3,213.34	6	2,966.95	6	2,720.56	6	2,474.16	6	2,227.77	6	1,981.38	6	1,734.98	6	1,488.59
1/4		1/4	3,454.60	1/4	3,208.21	1/4	2,961.82	1/4	2,715.42	1/4	2,469.03	1/4	2,222.64	1/4	1,976.24	1/4	1,729.85	1/4	1,483.46
1/2		1/2	3,449.47	1/2	3,203.08	1/2	2,956.68	1/2	2,710.29	1/2	2,463.90	1/2	2,217.50	1/2	1,971.11	1/2	1,724.72	1/2	1,478.32
3/4		3/4	3,444.34	3/4	3,197.94	3/4	2,951.55	3/4	2,705.16	3/4	2,458.76	3/4	2,212.37	3/4	1,965.98	3/4	1,719.58	3/4	1,473.19
7		7	3,439.20	7	3,192.81	7	2,946.42	7	2,700.02	7	2,453.63	7	2,207.24	7	1,960.84	7	1,714.45	7	1,468.06
1/4		1/4	3,434.07	1/4	3,187.68	1/4	2,941.28	1/4	2,694.89	1/4	2,448.50	1/4	2,202.10	1/4	1,955.71	1/4	1,709.32	1/4	1,462.92
1/2		1/2	3,428.94	1/2	3,182.54	1/2	2,936.15	1/2	2,689.76	1/2	2,443.36	1/2	2,196.97	1/2	1,950.58	1/2	1,704.18	1/2	1,457.79
3/4		3/4	3,423.80	3/4	3,177.41	3/4	2,931.02	3/4	2,684.62	3/4	2,438.23	3/4	2,191.84	3/4	1,945.44	3/4	1,699.05	3/4	1,452.66
8		8	3,418.67	8	3,172.28	8	2,925.88	8	2,679.49	8	2,433.10	8	2,186.70	8	1,940.31	8	1,693.92	8	1,447.52
1/4		1/4	3,413.54	1/4	3,167.14	1/4	2,920.75	1/4	2,674.36	1/4	2,427.96	1/4	2,181.57	1/4	1,935.18	1/4	1,688.78	1/4	1,442.39
1/2		1/2	3,408.41	1/2	3,162.01	1/2	2,915.62	1/2	2,669.22	1/2	2,422.83	1/2	2,176.44	1/2	1,930.04	1/2	1,683.65	1/2	1,437.26
3/4		3/4	3,403.27	3/4	3,156.88	3/4	2,910.48	3/4	2,664.09	3/4	2,417.70	3/4	2,171.30	3/4	1,924.91	3/4	1,678.52	3/4	1,432.12
9		9	3,398.14	9	3,151.75	9	2,905.35	9	2,658.96	9	2,412.56	9	2,166.17	9	1,919.78	9	1,673.38	9	1,426.99
1/4		1/4	3,393.01	1/4	3,146.61	1/4	2,900.22	1/4	2,653.82	1/4	2,407.43	1/4	2,161.04	1/4	1,914.64	1/4	1,668.25	1/4	1,421.86
1/2		1/2	3,387.87	1/2	3,141.48	1/2	2,895.09	1/2	2,648.69	1/2	2,402.30	1/2	2,155.90	1/2	1,909.51	1/2	1,663.12	1/2	1,416.72
3/4		3/4	3,382.74	3/4	3,136.35	3/4	2,889.95	3/4	2,643.56	3/4	2,397.16	3/4	2,150.77	3/4	1,904.38	3/4	1,657.98	3/4	1,411.59
10		10	3,377.61	10	3,131.21	10	2,884.82	10	2,638.43	10	2,392.03	10	2,145.64	10	1,899.24	10	1,652.85	10	1,406.46
1/4		1/4	3,372.47	1/4	3,126.08	1/4	2,879.69	1/4	2,633.29	1/4	2,386.90	1/4	2,140.50	1/4	1,894.11	1/4	1,647.72	1/4	1,401.32
1/2		1/2	3,367.34	1/2	3,120.95	1/2	2,874.55	1/2	2,628.16	1/2	2,381.77	1/2	2,135.37	1/2	1,888.98	1/2	1,642.58	1/2	1,396.19
3/4		3/4	3,362.21	3/4	3,115.81	3/4	2,869.42	3/4	2,623.03	3/4	2,376.63	3/4	2,130.24	3/4	1,883.84	3/4	1,637.45	3/4	1,391.06
11		11	3,357.07	11	3,110.68	11	2,864.29	11	2,617.89	11	2,371.50	11	2,125.11	11	1,878.71	11	1,632.32	11	1,385.92
1/4		1/4	3,351.94	1/4	3,105.55	1/4	2,859.15	1/4	2,612.76	1/4	2,366.37	1/4	2,119.97	1/4	1,873.58	1/4	1,627.18	1/4	1,380.79
1/2		1/2	3,346.81	1/2	3,100.41	1/2	2,854.02	1/2	2,607.63	1/2	2,361.23	1/2	2,114.84	1/2	1,868.45	1/2	1,622.05	1/2	1,375.66
3/4		3/4	3,341.67	3/4	3,095.28	3/4	2,848.89	3/4	2,602.49	3/4	2,356.10	3/4	2,109.71	3/4	1,863.31	3/4	1,616.92	3/4	1,370.52

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 ULLAGE GAUGES TAKEN AT 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "FMT 1406"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

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	1,365.39	0	1,119.00	0	872.60	0	626.67	0	380.32	0	133.94	0		0		0		0	
1/4	1,360.26	1/4	1,113.86	1/4	867.47	1/4	621.55	1/4	375.19	1/4	128.80	1/4		1/4		1/4		1/4	
1/2	1,355.13	1/2	1,108.73	1/2	862.34	1/2	616.42	1/2	370.05	1/2	123.67	1/2		1/2		1/2		1/2	
3/4	1,349.99	3/4	1,103.60	3/4	857.20	3/4	611.30	3/4	364.92	3/4	118.54	3/4		3/4		3/4		3/4	
1	1,344.86	1	1,098.47	1	852.07	1	606.17	1	359.79	1	113.40	1		1		1		1	
1/4	1,339.73	1/4	1,093.33	1/4	846.94	1/4	601.04	1/4	354.66	1/4	108.27	1/4		1/4		1/4		1/4	
1/2	1,334.59	1/2	1,088.20	1/2	841.81	1/2	595.91	1/2	349.52	1/2	103.14	1/2		1/2		1/2		1/2	
3/4	1,329.46	3/4	1,083.07	3/4	836.67	3/4	590.77	3/4	344.39	3/4	98.01	3/4		3/4		3/4		3/4	
2	1,324.33	2	1,077.93	2	831.54	2	585.64	2	339.26	2	92.87	2		2		2		2	
1/4	1,319.19	1/4	1,072.80	1/4	826.41	1/4	580.51	1/4	334.12	1/4	87.74	1/4		1/4		1/4		1/4	
1/2	1,314.06	1/2	1,067.67	1/2	821.27	1/2	575.37	1/2	328.99	1/2	82.61	1/2		1/2		1/2		1/2	
3/4	1,308.93	3/4	1,062.53	3/4	816.14	3/4	570.24	3/4	323.86	3/4	77.48	3/4		3/4		3/4		3/4	
3	1,303.79	3	1,057.40	3	811.01	3	565.11	3	318.72	3	72.35	3		3		3		3	
1/4	1,298.66	1/4	1,052.27	1/4	805.88	1/4	559.98	1/4	313.59	1/4	67.23	1/4		1/4		1/4		1/4	
1/2	1,293.53	1/2	1,047.13	1/2	800.76	1/2	554.84	1/2	308.46	1/2	62.11	1/2		1/2		1/2		1/2	
3/4	1,288.39	3/4	1,042.00	3/4	795.63	3/4	549.71	3/4	303.33	3/4	56.99	3/4		3/4		3/4		3/4	
4	1,283.26	4	1,036.87	4	790.51	4	544.58	4	298.19	4	51.87	4		4		4		4	
1/4	1,278.13	1/4	1,031.73	1/4	785.39	1/4	539.44	1/4	293.06	1/4	46.78	1/4		1/4		1/4		1/4	
1/2	1,272.99	1/2	1,026.60	1/2	780.27	1/2	534.31	1/2	287.93	1/2	41.69	1/2		1/2		1/2		1/2	
3/4	1,267.86	3/4	1,021.47	3/4	775.15	3/4	529.18	3/4	282.79	3/4	36.60	3/4		3/4		3/4		3/4	
5	1,262.73	5	1,016.33	5	770.03	5	524.04	5	277.66	5	31.51	5		5		5		5	
1/4	1,257.59	1/4	1,011.20	1/4	764.91	1/4	518.91	1/4	272.53	1/4	27.24	1/4		1/4		1/4		1/4	
1/2	1,252.46	1/2	1,006.07	1/2	759.79	1/2	513.78	1/2	267.39	1/2	22.96	1/2		1/2		1/2		1/2	
3/4	1,247.33	3/4	1,000.93	3/4	754.67	3/4	508.65	3/4	262.26	3/4	18.69	3/4		3/4		3/4		3/4	
6	1,242.19	6	995.80	6	749.55	6	503.51	6	257.13	6	14.41	6		6		6		6	
1/4	1,237.06	1/4	990.67	1/4	744.43	1/4	498.38	1/4	252.00	1/4	11.85	1/4		1/4		1/4		1/4	
1/2	1,231.93	1/2	985.53	1/2	739.31	1/2	493.25	1/2	246.86	1/2	9.28	1/2		1/2		1/2		1/2	
3/4	1,226.80	3/4	980.40	3/4	734.19	3/4	488.11	3/4	241.73	3/4	6.71	3/4		3/4		3/4		3/4	
7	1,221.66	7	975.27	7	729.07	7	482.98	7	236.60	7	4.15	7		7		7		7	
1/4	1,216.53	1/4	970.14	1/4	723.95	1/4	477.85	1/4	231.46	1/4	3.29	1/4		1/4		1/4		1/4	
1/2	1,211.40	1/2	965.00	1/2	718.83	1/2	472.71	1/2	226.33	1/2	2.44	1/2		1/2		1/2		1/2	
3/4	1,206.26	3/4	959.87	3/4	713.71	3/4	467.58	3/4	221.20	3/4	1.59	3/4		3/4		3/4		3/4	
8	1,201.13	8	954.74	8	708.59	8	462.45	8	216.06	8	0.73	8		8		8		8	
1/4	1,196.00	1/4	949.60	1/4	703.47	1/4	457.32	1/4	210.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,190.86	1/2	944.47	1/2	698.35	1/2	452.18	1/2	205.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,185.73	3/4	939.34	3/4	693.23	3/4	447.05	3/4	200.67	3/4		3/4		3/4		3/4		3/4	
9	1,180.60	9	934.20	9	688.11	9	441.92	9	195.53	9		9		9		9		9	
1/4	1,175.46	1/4	929.07	1/4	682.99	1/4	436.78	1/4	190.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,170.33	1/2	923.94	1/2	677.87	1/2	431.65	1/2	185.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,165.20	3/4	918.80	3/4	672.75	3/4	426.52	3/4	180.13	3/4		3/4		3/4		3/4		3/4	
10	1,160.06	10	913.67	10	667.63	10	421.38	10	175.00	10		10		10		10		10	
1/4	1,154.93	1/4	908.54	1/4	662.51	1/4	416.25	1/4	169.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,149.80	1/2	903.40	1/2	657.39	1/2	411.12	1/2	164.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,144.66	3/4	898.27	3/4	652.27	3/4	405.99	3/4	159.60	3/4		3/4		3/4		3/4		3/4	
11	1,139.53	11	893.14	11	647.15	11	400.85	11	154.47	11		11		11		11		11	
1/4	1,134.40	1/4	888.00	1/4	642.03	1/4	395.72	1/4	149.34	1/4		1/4		1/4		1/4		1/4	
1/2	1,129.26	1/2	882.87	1/2	636.91	1/2	390.59	1/2	144.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,124.13	3/4	877.74	3/4	631.79	3/4	385.45	3/4	139.07	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 11/15/2019 CL
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CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2019

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