



# BARGE "FMT 3306"

## INNAGE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
1 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
3 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 6'-00"  
 DIFF. = 4'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 237'-03"

August 16, 2019

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "FMT 3306"

## 1 PORT INNAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.65	0	290.95	0	625.59	0	966.65	0	1,308.69	0	1,651.56	0	1,994.43	0	2,337.30	0	2,680.16	0	3,023.00
1/4	17.57	1/4	297.55	1/4	632.73	1/4	973.73	1/4	1,315.84	1/4	1,658.70	1/4	2,001.57	1/4	2,344.44	1/4	2,687.31	1/4	3,030.14
1/2	20.49	1/2	304.15	1/2	639.87	1/2	980.82	1/2	1,322.98	1/2	1,665.85	1/2	2,008.72	1/2	2,351.58	1/2	2,694.45	1/2	3,037.28
3/4	23.41	3/4	310.75	3/4	647.01	3/4	987.90	3/4	1,330.12	3/4	1,672.99	3/4	2,015.86	3/4	2,358.73	3/4	2,701.59	3/4	3,044.42
1	26.33	1	317.35	1	654.16	1	994.98	1	1,337.26	1	1,680.13	1	2,023.00	1	2,365.87	1	2,708.73	1	3,051.56
1/4	31.12	1/4	324.03	1/4	661.30	1/4	1,002.07	1/4	1,344.41	1/4	1,687.28	1/4	2,030.15	1/4	2,373.01	1/4	2,715.88	1/4	3,058.70
1/2	35.91	1/2	330.72	1/2	668.44	1/2	1,009.15	1/2	1,351.55	1/2	1,694.42	1/2	2,037.29	1/2	2,380.16	1/2	2,723.02	1/2	3,065.84
3/4	40.70	3/4	337.40	3/4	675.59	3/4	1,016.23	3/4	1,358.69	3/4	1,701.56	3/4	2,044.43	3/4	2,387.30	3/4	2,730.16	3/4	3,072.99
2	45.48	2	344.08	2	682.73	2	1,023.31	2	1,365.84	2	1,708.71	2	2,051.57	2	2,394.44	2	2,737.30	2	3,080.13
1/4	51.21	1/4	350.85	1/4	689.87	1/4	1,030.40	1/4	1,372.98	1/4	1,715.85	1/4	2,058.72	1/4	2,401.59	1/4	2,744.45	1/4	3,087.27
1/2	56.94	1/2	357.62	1/2	697.01	1/2	1,037.50	1/2	1,380.12	1/2	1,722.99	1/2	2,065.86	1/2	2,408.73	1/2	2,751.59	1/2	3,094.41
3/4	62.67	3/4	364.39	3/4	704.16	3/4	1,044.59	3/4	1,387.27	3/4	1,730.13	3/4	2,073.00	3/4	2,415.87	3/4	2,758.73	3/4	3,101.55
3	68.40	3	371.15	3	711.30	3	1,051.68	3	1,394.41	3	1,737.28	3	2,080.15	3	2,423.02	3	2,765.87	3	3,108.69
1/4	74.24	1/4	378.01	1/4	718.44	1/4	1,058.79	1/4	1,401.55	1/4	1,744.42	1/4	2,087.29	1/4	2,430.16	1/4	2,773.02	1/4	3,115.83
1/2	80.08	1/2	384.86	1/2	725.58	1/2	1,065.89	1/2	1,408.70	1/2	1,751.56	1/2	2,094.43	1/2	2,437.30	1/2	2,780.16	1/2	3,122.97
3/4	85.92	3/4	391.71	3/4	732.73	3/4	1,073.00	3/4	1,415.84	3/4	1,758.71	3/4	2,101.58	3/4	2,444.44	3/4	2,787.30	3/4	3,130.11
4	91.76	4	398.56	4	739.87	4	1,080.11	4	1,422.98	4	1,765.85	4	2,108.72	4	2,451.59	4	2,794.44	4	3,137.25
1/4	97.69	1/4	405.49	1/4	746.98	1/4	1,087.26	1/4	1,430.12	1/4	1,772.99	1/4	2,115.86	1/4	2,458.73	1/4	2,801.59	1/4	3,144.39
1/2	103.62	1/2	412.43	1/2	754.09	1/2	1,094.40	1/2	1,437.27	1/2	1,780.14	1/2	2,123.01	1/2	2,465.87	1/2	2,808.73	1/2	3,151.53
3/4	109.55	3/4	419.36	3/4	761.20	3/4	1,101.54	3/4	1,444.41	3/4	1,787.28	3/4	2,130.15	3/4	2,473.02	3/4	2,815.87	3/4	3,158.67
5	115.48	5	426.30	5	768.31	5	1,108.69	5	1,451.55	5	1,794.42	5	2,137.29	5	2,480.16	5	2,823.02	5	3,165.81
1/4	121.50	1/4	433.31	1/4	775.40	1/4	1,115.83	1/4	1,458.70	1/4	1,801.57	1/4	2,144.43	1/4	2,487.30	1/4	2,830.16	1/4	3,172.95
1/2	127.52	1/2	440.32	1/2	782.49	1/2	1,122.97	1/2	1,465.84	1/2	1,808.71	1/2	2,151.58	1/2	2,494.45	1/2	2,837.30	1/2	3,180.10
3/4	133.53	3/4	447.33	3/4	789.58	3/4	1,130.11	3/4	1,472.98	3/4	1,815.85	3/4	2,158.72	3/4	2,501.59	3/4	2,844.44	3/4	3,187.24
6	139.55	6	454.35	6	796.67	6	1,137.26	6	1,480.13	6	1,823.00	6	2,165.86	6	2,508.73	6	2,851.59	6	3,194.38
1/4	145.65	1/4	461.44	1/4	803.75	1/4	1,144.40	1/4	1,487.27	1/4	1,830.14	1/4	2,173.01	1/4	2,515.88	1/4	2,858.73	1/4	3,201.52
1/2	151.75	1/2	468.54	1/2	810.83	1/2	1,151.54	1/2	1,494.41	1/2	1,837.28	1/2	2,180.15	1/2	2,523.02	1/2	2,865.87	1/2	3,208.66
3/4	157.85	3/4	475.63	3/4	817.92	3/4	1,158.69	3/4	1,501.56	3/4	1,844.42	3/4	2,187.29	3/4	2,530.16	3/4	2,873.01	3/4	3,215.80
7	163.95	7	482.73	7	825.00	7	1,165.83	7	1,508.70	7	1,851.57	7	2,194.44	7	2,537.31	7	2,880.16	7	3,222.94
1/4	170.13	1/4	489.87	1/4	832.08	1/4	1,172.97	1/4	1,515.84	1/4	1,858.71	1/4	2,201.58	1/4	2,544.45	1/4	2,887.30	1/4	3,230.08
1/2	176.31	1/2	497.02	1/2	839.16	1/2	1,180.12	1/2	1,522.98	1/2	1,865.85	1/2	2,208.72	1/2	2,551.59	1/2	2,894.44	1/2	3,237.22
3/4	182.50	3/4	504.16	3/4	846.25	3/4	1,187.26	3/4	1,530.13	3/4	1,873.00	3/4	2,215.87	3/4	2,558.73	3/4	2,901.58	3/4	3,244.36
8	188.68	8	511.30	8	853.33	8	1,194.40	8	1,537.27	8	1,880.14	8	2,223.01	8	2,565.88	8	2,908.73	8	3,251.50
1/4	194.95	1/4	518.44	1/4	860.41	1/4	1,201.55	1/4	1,544.41	1/4	1,887.28	1/4	2,230.15	1/4	2,573.02	1/4	2,915.87	1/4	3,258.64
1/2	201.21	1/2	525.59	1/2	867.49	1/2	1,208.69	1/2	1,551.56	1/2	1,894.43	1/2	2,237.29	1/2	2,580.16	1/2	2,923.01	1/2	3,265.78
3/4	207.48	3/4	532.73	3/4	874.58	3/4	1,215.83	3/4	1,558.70	3/4	1,901.57	3/4	2,244.44	3/4	2,587.31	3/4	2,930.15	3/4	3,272.92
9	213.75	9	539.87	9	881.66	9	1,222.97	9	1,565.84	9	1,908.71	9	2,251.58	9	2,594.45	9	2,937.30	9	3,280.07
1/4	220.10	1/4	547.01	1/4	888.74	1/4	1,230.12	1/4	1,572.99	1/4	1,915.86	1/4	2,258.72	1/4	2,601.59	1/4	2,944.44	1/4	3,287.21
1/2	226.45	1/2	554.16	1/2	895.83	1/2	1,237.26	1/2	1,580.13	1/2	1,923.00	1/2	2,265.87	1/2	2,608.74	1/2	2,951.58	1/2	3,294.35
3/4	232.80	3/4	561.30	3/4	902.91	3/4	1,244.40	3/4	1,587.27	3/4	1,930.14	3/4	2,273.01	3/4	2,615.88	3/4	2,958.72	3/4	3,301.49
10	239.15	10	568.44	10	909.99	10	1,251.55	10	1,594.42	10	1,937.28	10	2,280.15	10	2,623.02	10	2,965.87	10	3,308.63
1/4	245.58	1/4	575.59	1/4	917.07	1/4	1,258.69	1/4	1,601.56	1/4	1,944.43	1/4	2,287.30	1/4	2,630.16	1/4	2,973.01	1/4	3,315.77
1/2	252.01	1/2	582.73	1/2	924.16	1/2	1,265.83	1/2	1,608.70	1/2	1,951.57	1/2	2,294.44	1/2	2,637.31	1/2	2,980.15	1/2	3,322.91
3/4	258.45	3/4	589.87	3/4	931.24	3/4	1,272.98	3/4	1,615.85	3/4	1,958.71	3/4	2,301.58	3/4	2,644.45	3/4	2,987.29	3/4	3,330.05
11	264.88	11	597.01	11	938.32	11	1,280.12	11	1,622.99	11	1,965.86	11	2,308.73	11	2,651.59	11	2,994.44	11	3,337.19
1/4	271.40	1/4	604.16	1/4	945.40	1/4	1,287.26	1/4	1,630.13	1/4	1,973.00	1/4	2,315.87	1/4	2,658.74	1/4	3,001.58	1/4	3,344.33
1/2	277.91	1/2	611.30	1/2	952.49	1/2	1,294.41	1/2	1,637.27	1/2	1,980.14	1/2	2,323.01	1/2	2,665.88	1/2	3,008.72	1/2	3,351.47
3/4	284.43	3/4	618.44	3/4	959.57	3/4	1,301.55	3/4	1,644.42	3/4	1,987.29	3/4	2,330.16	3/4	2,673.02	3/4	3,015.86	3/4	3,358.61

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
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# BARGE "FMT 3306"

**1 PORT  
INNAGE TABLE  
HERMETIC  
GAUGE HEIGHT 16'-05"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,365.75	0	3,708.53	0	4,051.38	0	4,393.58	0	4,734.86	0		0		0		0		0	
1/4	3,372.89	1/4	3,715.67	1/4	4,058.52	1/4	4,400.69	1/4	4,741.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,380.04	1/2	3,722.82	1/2	4,065.67	1/2	4,407.80	1/2	4,749.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,387.18	3/4	3,729.96	3/4	4,072.81	3/4	4,414.91	3/4	4,756.19	3/4		3/4		3/4		3/4		3/4	
1	3,394.32	1	3,737.10	1	4,079.95	1	4,422.02	1	4,763.30	1		1		1		1		1	
1/4	3,401.46	1/4	3,744.24	1/4	4,087.09	1/4	4,429.13	1/4	4,770.41	1/4		1/4		1/4		1/4		1/4	
1/2	3,408.60	1/2	3,751.39	1/2	4,094.24	1/2	4,436.24	1/2	4,777.52	1/2		1/2		1/2		1/2		1/2	
3/4	3,415.74	3/4	3,758.53	3/4	4,101.38	3/4	4,443.35	3/4	4,784.63	3/4		3/4		3/4		3/4		3/4	
2	3,422.88	2	3,765.67	2	4,108.52	2	4,450.46	2	4,791.74	2		2		2		2		2	
1/4	3,430.02	1/4	3,772.82	1/4	4,115.67	1/4	4,457.57	1/4	4,798.85	1/4		1/4		1/4		1/4		1/4	
1/2	3,437.16	1/2	3,779.96	1/2	4,122.81	1/2	4,464.68	1/2	4,805.96	1/2		1/2		1/2		1/2		1/2	
3/4	3,444.30	3/4	3,787.10	3/4	4,129.95	3/4	4,471.79	3/4	4,813.07	3/4		3/4		3/4		3/4		3/4	
3	3,451.44	3	3,794.24	3	4,137.09	3	4,478.90	3	4,820.18	3		3		3		3		3	
1/4	3,458.58	1/4	3,801.39	1/4	4,144.24	1/4	4,486.01	1/4	4,827.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,465.72	1/2	3,808.53	1/2	4,151.38	1/2	4,493.12	1/2	4,834.31	1/2		1/2		1/2		1/2		1/2	
3/4	3,472.86	3/4	3,815.67	3/4	4,158.52	3/4	4,500.23	3/4	4,841.37	3/4		3/4		3/4		3/4		3/4	
4	3,480.01	4	3,822.81	4	4,165.66	4	4,507.34	4	4,848.44	4		4		4		4		4	
1/4	3,487.15	1/4	3,829.96	1/4	4,172.81	1/4	4,514.45	1/4	4,855.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,494.29	1/2	3,837.10	1/2	4,179.95	1/2	4,521.56	1/2	4,862.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,501.43	3/4	3,844.24	3/4	4,187.09	3/4	4,528.67	3/4	4,869.63	3/4		3/4		3/4		3/4		3/4	
5	3,508.57	5	3,851.39	5	4,194.24	5	4,535.78	5	4,876.70	5		5		5		5		5	
1/4	3,515.71	1/4	3,858.53	1/4	4,201.38	1/4	4,542.89	1/4	4,883.76	1/4		1/4		1/4		1/4		1/4	
1/2	3,522.85	1/2	3,865.67	1/2	4,208.52	1/2	4,550.00	1/2	4,890.83	1/2		1/2		1/2		1/2		1/2	
3/4	3,529.99	3/4	3,872.81	3/4	4,215.66	3/4	4,557.11	3/4	4,897.89	3/4		3/4		3/4		3/4		3/4	
6	3,537.13	6	3,879.96	6	4,222.81	6	4,564.22	6	4,904.96	6		6		6		6		6	
1/4	3,544.27	1/4	3,887.10	1/4	4,229.95	1/4	4,571.33	1/4	4,912.01	1/4		1/4		1/4		1/4		1/4	
1/2	3,551.41	1/2	3,894.24	1/2	4,237.09	1/2	4,578.44	1/2	4,919.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,558.55	3/4	3,901.38	3/4	4,244.23	3/4	4,585.55	3/4	4,926.11	3/4		3/4		3/4		3/4		3/4	
7	3,565.69	7	3,908.53	7	4,251.38	7	4,592.66	7	4,933.16	7		7		7		7		7	
1/4	3,572.83	1/4	3,915.67	1/4	4,258.49	1/4	4,599.77	1/4	4,940.16	1/4		1/4		1/4		1/4		1/4	
1/2	3,579.97	1/2	3,922.81	1/2	4,265.60	1/2	4,606.88	1/2	4,947.15	1/2		1/2		1/2		1/2		1/2	
3/4	3,587.12	3/4	3,929.96	3/4	4,272.71	3/4	4,613.99	3/4	4,954.15	3/4		3/4		3/4		3/4		3/4	
8	3,594.26	8	3,937.10	8	4,279.82	8	4,621.10	8	4,961.15	8		8		8		8		8	
1/4	3,601.40	1/4	3,944.24	1/4	4,286.93	1/4	4,628.21	1/4	4,967.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,608.54	1/2	3,951.38	1/2	4,294.04	1/2	4,635.32	1/2	4,973.49	1/2		1/2		1/2		1/2		1/2	
3/4	3,615.68	3/4	3,958.53	3/4	4,301.15	3/4	4,642.43	3/4	4,979.66	3/4		3/4		3/4		3/4		3/4	
9	3,622.82	9	3,965.67	9	4,308.26	9	4,649.54	9	4,985.84	9		9		9		9		9	
1/4	3,629.96	1/4	3,972.81	1/4	4,315.37	1/4	4,656.65	1/4	4,990.82	1/4		1/4		1/4		1/4		1/4	
1/2	3,637.10	1/2	3,979.95	1/2	4,322.48	1/2	4,663.76	1/2	4,995.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,644.25	3/4	3,987.10	3/4	4,329.59	3/4	4,670.87	3/4	5,000.78	3/4		3/4		3/4		3/4		3/4	
10	3,651.39	10	3,994.24	10	4,336.70	10	4,677.98	10	5,005.76	10		10		10		10		10	
1/4	3,658.53	1/4	4,001.38	1/4	4,343.81	1/4	4,685.09	1/4	5,009.55	1/4		1/4		1/4		1/4		1/4	
1/2	3,665.68	1/2	4,008.52	1/2	4,350.92	1/2	4,692.20	1/2	5,013.35	1/2		1/2		1/2		1/2		1/2	
3/4	3,672.82	3/4	4,015.67	3/4	4,358.03	3/4	4,699.31	3/4	5,017.14	3/4		3/4		3/4		3/4		3/4	
11	3,679.96	11	4,022.81	11	4,365.14	11	4,706.42	11	5,020.93	11		11		11		11		11	
1/4	3,687.10	1/4	4,029.95	1/4	4,372.25	1/4	4,713.53	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,694.25	1/2	4,037.10	1/2	4,379.36	1/2	4,720.64	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,701.39	3/4	4,044.24	3/4	4,386.47	3/4	4,727.75	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## 1 STBD INNAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.63	0	290.58	0	624.88	0	967.15	0	1,309.56	0	1,652.05	0	1,994.54	0	2,337.03	0	2,679.51	0	3,021.96
1/4	17.55	1/4	297.17	1/4	632.02	1/4	974.27	1/4	1,316.70	1/4	1,659.19	1/4	2,001.68	1/4	2,344.17	1/4	2,686.65	1/4	3,029.10
1/2	20.47	1/2	303.77	1/2	639.15	1/2	981.40	1/2	1,323.83	1/2	1,666.32	1/2	2,008.81	1/2	2,351.30	1/2	2,693.78	1/2	3,036.23
3/4	23.38	3/4	310.36	3/4	646.29	3/4	988.53	3/4	1,330.97	3/4	1,673.46	3/4	2,015.95	3/4	2,358.44	3/4	2,700.92	3/4	3,043.36
1	26.30	1	316.95	1	653.42	1	995.65	1	1,338.10	1	1,680.59	1	2,023.08	1	2,365.57	1	2,708.05	1	3,050.49
1/4	31.08	1/4	323.63	1/4	660.56	1/4	1,002.78	1/4	1,345.24	1/4	1,687.73	1/4	2,030.22	1/4	2,372.71	1/4	2,715.19	1/4	3,057.63
1/2	35.86	1/2	330.30	1/2	667.69	1/2	1,009.90	1/2	1,352.37	1/2	1,694.86	1/2	2,037.35	1/2	2,379.84	1/2	2,722.32	1/2	3,064.76
3/4	40.64	3/4	336.98	3/4	674.83	3/4	1,017.03	3/4	1,359.51	3/4	1,702.00	3/4	2,044.49	3/4	2,386.98	3/4	2,729.46	3/4	3,071.89
2	45.42	2	343.66	2	681.96	2	1,024.16	2	1,366.64	2	1,709.13	2	2,051.62	2	2,394.11	2	2,736.59	2	3,079.03
1/4	51.15	1/4	350.42	1/4	689.10	1/4	1,031.29	1/4	1,373.78	1/4	1,716.27	1/4	2,058.76	1/4	2,401.25	1/4	2,743.73	1/4	3,086.16
1/2	56.87	1/2	357.18	1/2	696.23	1/2	1,038.43	1/2	1,380.91	1/2	1,723.40	1/2	2,065.89	1/2	2,408.38	1/2	2,750.86	1/2	3,093.29
3/4	62.59	3/4	363.93	3/4	703.37	3/4	1,045.56	3/4	1,388.05	3/4	1,730.54	3/4	2,073.03	3/4	2,415.52	3/4	2,757.99	3/4	3,100.42
3	68.31	3	370.69	3	710.50	3	1,052.69	3	1,395.18	3	1,737.67	3	2,080.16	3	2,422.65	3	2,765.13	3	3,107.56
1/4	74.14	1/4	377.54	1/4	717.64	1/4	1,059.83	1/4	1,402.32	1/4	1,744.81	1/4	2,087.30	1/4	2,429.79	1/4	2,772.26	1/4	3,114.69
1/2	79.97	1/2	384.38	1/2	724.77	1/2	1,066.96	1/2	1,409.45	1/2	1,751.94	1/2	2,094.43	1/2	2,436.92	1/2	2,779.40	1/2	3,121.82
3/4	85.81	3/4	391.22	3/4	731.90	3/4	1,074.10	3/4	1,416.59	3/4	1,759.08	3/4	2,101.57	3/4	2,444.06	3/4	2,786.53	3/4	3,128.96
4	91.64	4	398.07	4	739.04	4	1,081.24	4	1,423.72	4	1,766.21	4	2,108.70	4	2,451.19	4	2,793.67	4	3,136.09
1/4	97.56	1/4	404.99	1/4	746.17	1/4	1,088.37	1/4	1,430.86	1/4	1,773.35	1/4	2,115.84	1/4	2,458.33	1/4	2,800.80	1/4	3,143.22
1/2	103.48	1/2	411.92	1/2	753.31	1/2	1,095.51	1/2	1,438.00	1/2	1,780.48	1/2	2,122.97	1/2	2,465.46	1/2	2,807.94	1/2	3,150.35
3/4	109.41	3/4	418.84	3/4	760.44	3/4	1,102.64	3/4	1,445.13	3/4	1,787.62	3/4	2,130.11	3/4	2,472.60	3/4	2,815.07	3/4	3,157.49
5	115.33	5	425.77	5	767.58	5	1,109.78	5	1,452.27	5	1,794.76	5	2,137.24	5	2,479.73	5	2,822.20	5	3,164.62
1/4	121.34	1/4	432.78	1/4	774.71	1/4	1,116.91	1/4	1,459.40	1/4	1,801.89	1/4	2,144.38	1/4	2,486.87	1/4	2,829.34	1/4	3,171.75
1/2	127.35	1/2	439.79	1/2	781.85	1/2	1,124.05	1/2	1,466.54	1/2	1,809.03	1/2	2,151.52	1/2	2,494.00	1/2	2,836.47	1/2	3,178.89
3/4	133.36	3/4	446.80	3/4	788.98	3/4	1,131.18	3/4	1,473.67	3/4	1,816.16	3/4	2,158.65	3/4	2,501.14	3/4	2,843.61	3/4	3,186.02
6	139.37	6	453.81	6	796.12	6	1,138.32	6	1,480.81	6	1,823.30	6	2,165.79	6	2,508.28	6	2,850.74	6	3,193.15
1/4	145.46	1/4	460.90	1/4	803.24	1/4	1,145.45	1/4	1,487.94	1/4	1,830.43	1/4	2,172.92	1/4	2,515.41	1/4	2,857.88	1/4	3,200.28
1/2	151.55	1/2	468.00	1/2	810.37	1/2	1,152.59	1/2	1,495.08	1/2	1,837.57	1/2	2,180.06	1/2	2,522.55	1/2	2,865.01	1/2	3,207.42
3/4	157.64	3/4	475.09	3/4	817.50	3/4	1,159.72	3/4	1,502.21	3/4	1,844.70	3/4	2,187.19	3/4	2,529.68	3/4	2,872.15	3/4	3,214.55
7	163.73	7	482.18	7	824.62	7	1,166.86	7	1,509.35	7	1,851.84	7	2,194.33	7	2,536.82	7	2,879.28	7	3,221.68
1/4	169.91	1/4	489.32	1/4	831.75	1/4	1,173.99	1/4	1,516.48	1/4	1,858.97	1/4	2,201.46	1/4	2,543.95	1/4	2,886.42	1/4	3,228.81
1/2	176.09	1/2	496.45	1/2	838.87	1/2	1,181.13	1/2	1,523.62	1/2	1,866.11	1/2	2,208.60	1/2	2,551.09	1/2	2,893.55	1/2	3,235.95
3/4	182.26	3/4	503.59	3/4	846.00	3/4	1,188.26	3/4	1,530.75	3/4	1,873.24	3/4	2,215.73	3/4	2,558.22	3/4	2,900.68	3/4	3,243.08
8	188.44	8	510.72	8	853.13	8	1,195.40	8	1,537.89	8	1,880.38	8	2,222.87	8	2,565.36	8	2,907.82	8	3,250.21
1/4	194.70	1/4	517.86	1/4	860.25	1/4	1,202.53	1/4	1,545.02	1/4	1,887.51	1/4	2,230.00	1/4	2,572.49	1/4	2,914.95	1/4	3,257.35
1/2	200.95	1/2	524.99	1/2	867.38	1/2	1,209.67	1/2	1,552.16	1/2	1,894.65	1/2	2,237.14	1/2	2,579.63	1/2	2,922.09	1/2	3,264.48
3/4	207.21	3/4	532.13	3/4	874.50	3/4	1,216.80	3/4	1,559.29	3/4	1,901.78	3/4	2,244.27	3/4	2,586.76	3/4	2,929.22	3/4	3,271.61
9	213.47	9	539.26	9	881.63	9	1,223.94	9	1,566.43	9	1,908.92	9	2,251.41	9	2,593.90	9	2,936.36	9	3,278.74
1/4	219.81	1/4	546.40	1/4	888.76	1/4	1,231.07	1/4	1,573.56	1/4	1,916.05	1/4	2,258.54	1/4	2,601.03	1/4	2,943.49	1/4	3,285.88
1/2	226.16	1/2	553.53	1/2	895.88	1/2	1,238.21	1/2	1,580.70	1/2	1,923.19	1/2	2,265.68	1/2	2,608.17	1/2	2,950.63	1/2	3,293.01
3/4	232.50	3/4	560.67	3/4	903.01	3/4	1,245.34	3/4	1,587.83	3/4	1,930.32	3/4	2,272.81	3/4	2,615.30	3/4	2,957.76	3/4	3,300.14
10	238.84	10	567.80	10	910.14	10	1,252.48	10	1,594.97	10	1,937.46	10	2,279.95	10	2,622.44	10	2,964.89	10	3,307.28
1/4	245.27	1/4	574.94	1/4	917.26	1/4	1,259.62	1/4	1,602.10	1/4	1,944.59	1/4	2,287.08	1/4	2,629.57	1/4	2,972.03	1/4	3,314.41
1/2	251.69	1/2	582.07	1/2	924.39	1/2	1,266.75	1/2	1,609.24	1/2	1,951.73	1/2	2,294.22	1/2	2,636.71	1/2	2,979.16	1/2	3,321.54
3/4	258.12	3/4	589.21	3/4	931.51	3/4	1,273.89	3/4	1,616.38	3/4	1,958.86	3/4	2,301.35	3/4	2,643.84	3/4	2,986.30	3/4	3,328.67
11	264.54	11	596.34	11	938.64	11	1,281.02	11	1,623.51	11	1,966.00	11	2,308.49	11	2,650.98	11	2,993.43	11	3,335.81
1/4	271.05	1/4	603.48	1/4	945.77	1/4	1,288.16	1/4	1,630.65	1/4	1,973.14	1/4	2,315.62	1/4	2,658.11	1/4	3,000.57	1/4	3,342.94
1/2	277.56	1/2	610.61	1/2	952.89	1/2	1,295.29	1/2	1,637.78	1/2	1,980.27	1/2	2,322.76	1/2	2,665.25	1/2	3,007.70	1/2	3,350.07
3/4	284.07	3/4	617.75	3/4	960.02	3/4	1,302.43	3/4	1,644.92	3/4	1,987.41	3/4	2,329.90	3/4	2,672.38	3/4	3,014.83	3/4	3,357.21

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

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





# BARGE "FMT 3306"

1 STBD

INNAGE TABLE  
HERMETIC

GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,364.34	0	3,706.73	0	4,049.19	0	4,391.01	0	4,731.91	0		0		0		0		0	
1/4	3,371.47	1/4	3,713.87	1/4	4,056.33	1/4	4,398.11	1/4	4,739.02	1/4		1/4		1/4		1/4		1/4	
1/2	3,378.60	1/2	3,721.00	1/2	4,063.46	1/2	4,405.21	1/2	4,746.12	1/2		1/2		1/2		1/2		1/2	
3/4	3,385.74	3/4	3,728.14	3/4	4,070.60	3/4	4,412.31	3/4	4,753.22	3/4		3/4		3/4		3/4		3/4	
1	3,392.87	1	3,735.27	1	4,077.73	1	4,419.42	1	4,760.32	1		1		1		1		1	
1/4	3,400.00	1/4	3,742.41	1/4	4,084.87	1/4	4,426.52	1/4	4,767.42	1/4		1/4		1/4		1/4		1/4	
1/2	3,407.13	1/2	3,749.54	1/2	4,092.00	1/2	4,433.62	1/2	4,774.53	1/2		1/2		1/2		1/2		1/2	
3/4	3,414.27	3/4	3,756.68	3/4	4,099.14	3/4	4,440.72	3/4	4,781.63	3/4		3/4		3/4		3/4		3/4	
2	3,421.40	2	3,763.81	2	4,106.27	2	4,447.83	2	4,788.73	2		2		2		2		2	
1/4	3,428.53	1/4	3,770.95	1/4	4,113.41	1/4	4,454.93	1/4	4,795.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,435.67	1/2	3,778.08	1/2	4,120.54	1/2	4,462.03	1/2	4,802.94	1/2		1/2		1/2		1/2		1/2	
3/4	3,442.80	3/4	3,785.21	3/4	4,127.68	3/4	4,469.13	3/4	4,810.04	3/4		3/4		3/4		3/4		3/4	
3	3,449.93	3	3,792.35	3	4,134.81	3	4,476.23	3	4,817.14	3		3		3		3		3	
1/4	3,457.06	1/4	3,799.48	1/4	4,141.94	1/4	4,483.34	1/4	4,824.20	1/4		1/4		1/4		1/4		1/4	
1/2	3,464.20	1/2	3,806.62	1/2	4,149.08	1/2	4,490.44	1/2	4,831.25	1/2		1/2		1/2		1/2		1/2	
3/4	3,471.33	3/4	3,813.75	3/4	4,156.21	3/4	4,497.54	3/4	4,838.31	3/4		3/4		3/4		3/4		3/4	
4	3,478.46	4	3,820.89	4	4,163.35	4	4,504.64	4	4,845.37	4		4		4		4		4	
1/4	3,485.60	1/4	3,828.02	1/4	4,170.48	1/4	4,511.75	1/4	4,852.42	1/4		1/4		1/4		1/4		1/4	
1/2	3,492.73	1/2	3,835.16	1/2	4,177.62	1/2	4,518.85	1/2	4,859.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,499.86	3/4	3,842.29	3/4	4,184.75	3/4	4,525.95	3/4	4,866.54	3/4		3/4		3/4		3/4		3/4	
5	3,506.99	5	3,849.43	5	4,191.89	5	4,533.05	5	4,873.59	5		5		5		5		5	
1/4	3,514.13	1/4	3,856.56	1/4	4,199.02	1/4	4,540.15	1/4	4,880.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,521.26	1/2	3,863.70	1/2	4,206.16	1/2	4,547.26	1/2	4,887.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,528.39	3/4	3,870.83	3/4	4,213.29	3/4	4,554.36	3/4	4,894.76	3/4		3/4		3/4		3/4		3/4	
6	3,535.53	6	3,877.96	6	4,220.43	6	4,561.46	6	4,901.82	6		6		6		6		6	
1/4	3,542.66	1/4	3,885.10	1/4	4,227.56	1/4	4,568.56	1/4	4,908.86	1/4		1/4		1/4		1/4		1/4	
1/2	3,549.79	1/2	3,892.23	1/2	4,234.69	1/2	4,575.66	1/2	4,915.90	1/2		1/2		1/2		1/2		1/2	
3/4	3,556.92	3/4	3,899.37	3/4	4,241.83	3/4	4,582.77	3/4	4,922.95	3/4		3/4		3/4		3/4		3/4	
7	3,564.06	7	3,906.50	7	4,248.96	7	4,589.87	7	4,929.99	7		7		7		7		7	
1/4	3,571.19	1/4	3,913.64	1/4	4,256.07	1/4	4,596.97	1/4	4,936.98	1/4		1/4		1/4		1/4		1/4	
1/2	3,578.32	1/2	3,920.77	1/2	4,263.17	1/2	4,604.07	1/2	4,943.97	1/2		1/2		1/2		1/2		1/2	
3/4	3,585.45	3/4	3,927.91	3/4	4,270.27	3/4	4,611.18	3/4	4,950.95	3/4		3/4		3/4		3/4		3/4	
8	3,592.59	8	3,935.04	8	4,277.37	8	4,618.28	8	4,957.94	8		8		8		8		8	
1/4	3,599.72	1/4	3,942.18	1/4	4,284.47	1/4	4,625.38	1/4	4,964.11	1/4		1/4		1/4		1/4		1/4	
1/2	3,606.85	1/2	3,949.31	1/2	4,291.58	1/2	4,632.48	1/2	4,970.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,613.99	3/4	3,956.45	3/4	4,298.68	3/4	4,639.58	3/4	4,976.44	3/4		3/4		3/4		3/4		3/4	
9	3,621.12	9	3,963.58	9	4,305.78	9	4,646.69	9	4,982.60	9		9		9		9		9	
1/4	3,628.25	1/4	3,970.71	1/4	4,312.88	1/4	4,653.79	1/4	4,987.58	1/4		1/4		1/4		1/4		1/4	
1/2	3,635.39	1/2	3,977.85	1/2	4,319.99	1/2	4,660.89	1/2	4,992.56	1/2		1/2		1/2		1/2		1/2	
3/4	3,642.52	3/4	3,984.98	3/4	4,327.09	3/4	4,667.99	3/4	4,997.53	3/4		3/4		3/4		3/4		3/4	
10	3,649.66	10	3,992.12	10	4,334.19	10	4,675.10	10	5,002.51	10		10		10		10		10	
1/4	3,656.79	1/4	3,999.25	1/4	4,341.29	1/4	4,682.20	1/4	5,006.30	1/4		1/4		1/4		1/4		1/4	
1/2	3,663.93	1/2	4,006.39	1/2	4,348.39	1/2	4,689.30	1/2	5,010.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,671.06	3/4	4,013.52	3/4	4,355.50	3/4	4,696.40	3/4	5,013.87	3/4		3/4		3/4		3/4		3/4	
11	3,678.20	11	4,020.66	11	4,362.60	11	4,703.50	11	5,017.66	11		11		11		11		11	
1/4	3,685.33	1/4	4,027.79	1/4	4,369.70	1/4	4,710.61	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,692.46	1/2	4,034.93	1/2	4,376.80	1/2	4,717.71	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,699.60	3/4	4,042.06	3/4	4,383.91	3/4	4,724.81	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## 2 PORT INNAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-05 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.71	0	344.32	0	688.48	0	1,022.90	0	1,362.27	0	1,706.44	0	2,050.61	0	2,394.78	0	2,738.95	0	3,083.11
1/4	19.19	1/4	351.49	1/4	695.65	1/4	1,029.76	1/4	1,369.44	1/4	1,713.61	1/4	2,057.78	1/4	2,401.95	1/4	2,746.12	1/4	3,090.28
1/2	23.67	1/2	358.66	1/2	702.82	1/2	1,036.62	1/2	1,376.61	1/2	1,720.78	1/2	2,064.95	1/2	2,409.12	1/2	2,753.29	1/2	3,097.45
3/4	28.15	3/4	365.83	3/4	709.99	3/4	1,043.49	3/4	1,383.78	3/4	1,727.95	3/4	2,072.12	3/4	2,416.29	3/4	2,760.46	3/4	3,104.61
1	32.63	1	373.00	1	717.16	1	1,050.35	1	1,390.95	1	1,735.12	1	2,079.29	1	2,423.46	1	2,767.63	1	3,111.78
1/4	38.90	1/4	380.17	1/4	724.33	1/4	1,057.21	1/4	1,398.12	1/4	1,742.29	1/4	2,086.46	1/4	2,430.63	1/4	2,774.80	1/4	3,118.95
1/2	45.17	1/2	387.34	1/2	731.50	1/2	1,064.07	1/2	1,405.29	1/2	1,749.46	1/2	2,093.63	1/2	2,437.80	1/2	2,781.97	1/2	3,126.12
3/4	51.45	3/4	394.51	3/4	738.67	3/4	1,070.93	3/4	1,412.46	3/4	1,756.63	3/4	2,100.80	3/4	2,444.97	3/4	2,789.14	3/4	3,133.29
2	57.72	2	401.68	2	745.84	2	1,077.79	2	1,419.63	2	1,763.80	2	2,107.97	2	2,452.14	2	2,796.31	2	3,140.45
1/4	64.85	1/4	408.85	1/4	753.01	1/4	1,084.66	1/4	1,426.80	1/4	1,770.97	1/4	2,115.14	1/4	2,459.31	1/4	2,803.48	1/4	3,147.62
1/2	71.99	1/2	416.02	1/2	760.18	1/2	1,091.53	1/2	1,433.97	1/2	1,778.14	1/2	2,122.31	1/2	2,466.48	1/2	2,810.65	1/2	3,154.79
3/4	79.12	3/4	423.19	3/4	767.35	3/4	1,098.40	3/4	1,441.14	3/4	1,785.31	3/4	2,129.48	3/4	2,473.65	3/4	2,817.82	3/4	3,161.96
3	86.25	3	430.36	3	774.52	3	1,105.28	3	1,448.31	3	1,792.48	3	2,136.65	3	2,480.82	3	2,824.99	3	3,169.13
1/4	93.41	1/4	437.53	1/4	781.69	1/4	1,112.16	1/4	1,455.48	1/4	1,799.65	1/4	2,143.82	1/4	2,487.99	1/4	2,832.16	1/4	3,176.29
1/2	100.57	1/2	444.70	1/2	788.86	1/2	1,119.05	1/2	1,462.65	1/2	1,806.82	1/2	2,150.99	1/2	2,495.16	1/2	2,839.33	1/2	3,183.46
3/4	107.73	3/4	451.87	3/4	796.03	3/4	1,125.94	3/4	1,469.82	3/4	1,813.99	3/4	2,158.16	3/4	2,502.33	3/4	2,846.50	3/4	3,190.63
4	114.89	4	459.04	4	803.20	4	1,132.82	4	1,476.99	4	1,821.16	4	2,165.33	4	2,509.50	4	2,853.67	4	3,197.80
1/4	122.06	1/4	466.21	1/4	810.08	1/4	1,139.99	1/4	1,484.16	1/4	1,828.33	1/4	2,172.50	1/4	2,516.67	1/4	2,860.84	1/4	3,204.97
1/2	129.23	1/2	473.38	1/2	816.97	1/2	1,147.16	1/2	1,491.33	1/2	1,835.50	1/2	2,179.67	1/2	2,523.84	1/2	2,868.01	1/2	3,212.13
3/4	136.40	3/4	480.55	3/4	823.86	3/4	1,154.33	3/4	1,498.50	3/4	1,842.67	3/4	2,186.84	3/4	2,531.01	3/4	2,875.18	3/4	3,219.30
5	143.57	5	487.72	5	830.74	5	1,161.50	5	1,505.67	5	1,849.84	5	2,194.01	5	2,538.18	5	2,882.35	5	3,226.47
1/4	150.73	1/4	494.89	1/4	837.61	1/4	1,168.67	1/4	1,512.84	1/4	1,857.01	1/4	2,201.18	1/4	2,545.35	1/4	2,889.52	1/4	3,233.64
1/2	157.90	1/2	502.06	1/2	844.48	1/2	1,175.84	1/2	1,520.01	1/2	1,864.18	1/2	2,208.35	1/2	2,552.52	1/2	2,896.69	1/2	3,240.81
3/4	165.07	3/4	509.23	3/4	851.35	3/4	1,183.01	3/4	1,527.18	3/4	1,871.35	3/4	2,215.52	3/4	2,559.69	3/4	2,903.86	3/4	3,247.97
6	172.24	6	516.40	6	858.22	6	1,190.19	6	1,534.35	6	1,878.52	6	2,222.69	6	2,566.86	6	2,911.03	6	3,255.14
1/4	179.41	1/4	523.57	1/4	865.08	1/4	1,197.36	1/4	1,541.52	1/4	1,885.69	1/4	2,229.86	1/4	2,574.03	1/4	2,918.20	1/4	3,262.31
1/2	186.58	1/2	530.74	1/2	871.94	1/2	1,204.53	1/2	1,548.70	1/2	1,892.86	1/2	2,237.03	1/2	2,581.20	1/2	2,925.37	1/2	3,269.48
3/4	193.75	3/4	537.91	3/4	878.81	3/4	1,211.70	3/4	1,555.87	3/4	1,900.03	3/4	2,244.20	3/4	2,588.37	3/4	2,932.54	3/4	3,276.65
7	200.92	7	545.08	7	885.67	7	1,218.87	7	1,563.04	7	1,907.21	7	2,251.37	7	2,595.54	7	2,939.71	7	3,283.81
1/4	208.09	1/4	552.25	1/4	892.53	1/4	1,226.04	1/4	1,570.21	1/4	1,914.38	1/4	2,258.54	1/4	2,602.71	1/4	2,946.88	1/4	3,290.98
1/2	215.26	1/2	559.42	1/2	899.39	1/2	1,233.21	1/2	1,577.38	1/2	1,921.55	1/2	2,265.72	1/2	2,609.88	1/2	2,954.05	1/2	3,298.15
3/4	222.43	3/4	566.59	3/4	906.25	3/4	1,240.38	3/4	1,584.55	3/4	1,928.72	3/4	2,272.89	3/4	2,617.05	3/4	2,961.22	3/4	3,305.32
8	229.60	8	573.76	8	913.11	8	1,247.55	8	1,591.72	8	1,935.89	8	2,280.06	8	2,624.23	8	2,968.39	8	3,312.49
1/4	236.77	1/4	580.93	1/4	919.98	1/4	1,254.72	1/4	1,598.89	1/4	1,943.06	1/4	2,287.23	1/4	2,631.40	1/4	2,975.56	1/4	3,319.65
1/2	243.94	1/2	588.10	1/2	926.84	1/2	1,261.89	1/2	1,606.06	1/2	1,950.23	1/2	2,294.40	1/2	2,638.57	1/2	2,982.74	1/2	3,326.82
3/4	251.11	3/4	595.27	3/4	933.70	3/4	1,269.06	3/4	1,613.23	3/4	1,957.40	3/4	2,301.57	3/4	2,645.74	3/4	2,989.91	3/4	3,333.99
9	258.28	9	602.44	9	940.56	9	1,276.23	9	1,620.40	9	1,964.57	9	2,308.74	9	2,652.91	9	2,997.08	9	3,341.16
1/4	265.45	1/4	609.61	1/4	947.42	1/4	1,283.40	1/4	1,627.57	1/4	1,971.74	1/4	2,315.91	1/4	2,660.08	1/4	3,004.25	1/4	3,348.33
1/2	272.62	1/2	616.78	1/2	954.28	1/2	1,290.57	1/2	1,634.74	1/2	1,978.91	1/2	2,323.08	1/2	2,667.25	1/2	3,011.42	1/2	3,355.49
3/4	279.79	3/4	623.95	3/4	961.14	3/4	1,297.74	3/4	1,641.91	3/4	1,986.08	3/4	2,330.25	3/4	2,674.42	3/4	3,018.59	3/4	3,362.66
10	286.96	10	631.12	10	968.01	10	1,304.91	10	1,649.08	10	1,993.25	10	2,337.42	10	2,681.59	10	3,025.76	10	3,369.83
1/4	294.13	1/4	638.29	1/4	974.87	1/4	1,312.08	1/4	1,656.25	1/4	2,000.42	1/4	2,344.59	1/4	2,688.76	1/4	3,032.93	1/4	3,377.00
1/2	301.30	1/2	645.46	1/2	981.73	1/2	1,319.25	1/2	1,663.42	1/2	2,007.59	1/2	2,351.76	1/2	2,695.93	1/2	3,040.10	1/2	3,384.17
3/4	308.47	3/4	652.63	3/4	988.59	3/4	1,326.42	3/4	1,670.59	3/4	2,014.76	3/4	2,358.93	3/4	2,703.10	3/4	3,047.27	3/4	3,391.33
11	315.64	11	659.80	11	995.45	11	1,333.59	11	1,677.76	11	2,021.93	11	2,366.10	11	2,710.27	11	3,054.44	11	3,398.50
1/4	322.81	1/4	666.97	1/4	1,002.32	1/4	1,340.76	1/4	1,684.93	1/4	2,029.10	1/4	2,373.27	1/4	2,717.44	1/4	3,061.61	1/4	3,405.67
1/2	329.98	1/2	674.14	1/2	1,009.18	1/2	1,347.93	1/2	1,692.10	1/2	2,036.27	1/2	2,380.44	1/2	2,724.61	1/2	3,068.77	1/2	3,412.84
3/4	337.15	3/4	681.31	3/4	1,016.04	3/4	1,355.10	3/4	1,699.27	3/4	2,043.44	3/4	2,387.61	3/4	2,731.78	3/4	3,075.94	3/4	3,420.01

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "FMT 3306"

## 2 PORT

### INNAGE TABLE HERMETIC

#### GAUGE HEIGHT 16'-05 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,427.17	0	3,771.24	0	4,115.30	0	4,458.71	0	4,801.21	0		0		0		0		0	
1/4	3,434.34	1/4	3,778.41	1/4	4,122.47	1/4	4,465.85	1/4	4,808.35	1/4		1/4		1/4		1/4		1/4	
1/2	3,441.51	1/2	3,785.57	1/2	4,129.64	1/2	4,472.98	1/2	4,815.48	1/2		1/2		1/2		1/2		1/2	
3/4	3,448.68	3/4	3,792.74	3/4	4,136.81	3/4	4,480.12	3/4	4,822.62	3/4		3/4		3/4		3/4		3/4	
1	3,455.85	1	3,799.91	1	4,143.97	1	4,487.25	1	4,829.75	1		1		1		1		1	
1/4	3,463.01	1/4	3,807.08	1/4	4,151.14	1/4	4,494.39	1/4	4,836.89	1/4		1/4		1/4		1/4		1/4	
1/2	3,470.18	1/2	3,814.25	1/2	4,158.31	1/2	4,501.53	1/2	4,844.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,477.35	3/4	3,821.41	3/4	4,165.48	3/4	4,508.66	3/4	4,851.16	3/4		3/4		3/4		3/4		3/4	
2	3,484.52	2	3,828.58	2	4,172.65	2	4,515.80	2	4,858.30	2		2		2		2		2	
1/4	3,491.69	1/4	3,835.75	1/4	4,179.81	1/4	4,522.93	1/4	4,865.43	1/4		1/4		1/4		1/4		1/4	
1/2	3,498.85	1/2	3,842.92	1/2	4,186.98	1/2	4,530.07	1/2	4,872.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,506.02	3/4	3,850.09	3/4	4,194.15	3/4	4,537.20	3/4	4,879.70	3/4		3/4		3/4		3/4		3/4	
3	3,513.19	3	3,857.25	3	4,201.32	3	4,544.34	3	4,886.84	3		3		3		3		3	
1/4	3,520.36	1/4	3,864.42	1/4	4,208.49	1/4	4,551.47	1/4	4,893.93	1/4		1/4		1/4		1/4		1/4	
1/2	3,527.53	1/2	3,871.59	1/2	4,215.65	1/2	4,558.61	1/2	4,901.02	1/2		1/2		1/2		1/2		1/2	
3/4	3,534.69	3/4	3,878.76	3/4	4,222.82	3/4	4,565.74	3/4	4,908.11	3/4		3/4		3/4		3/4		3/4	
4	3,541.86	4	3,885.93	4	4,229.99	4	4,572.88	4	4,915.20	4		4		4		4		4	
1/4	3,549.03	1/4	3,893.09	1/4	4,237.16	1/4	4,580.01	1/4	4,922.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,556.20	1/2	3,900.26	1/2	4,244.33	1/2	4,587.15	1/2	4,929.38	1/2		1/2		1/2		1/2		1/2	
3/4	3,563.37	3/4	3,907.43	3/4	4,251.49	3/4	4,594.29	3/4	4,936.47	3/4		3/4		3/4		3/4		3/4	
5	3,570.53	5	3,914.60	5	4,258.66	5	4,601.42	5	4,943.56	5		5		5		5		5	
1/4	3,577.70	1/4	3,921.77	1/4	4,265.83	1/4	4,608.56	1/4	4,950.65	1/4		1/4		1/4		1/4		1/4	
1/2	3,584.87	1/2	3,928.93	1/2	4,273.00	1/2	4,615.69	1/2	4,957.74	1/2		1/2		1/2		1/2		1/2	
3/4	3,592.04	3/4	3,936.10	3/4	4,280.17	3/4	4,622.83	3/4	4,964.82	3/4		3/4		3/4		3/4		3/4	
6	3,599.21	6	3,943.27	6	4,287.33	6	4,629.96	6	4,971.91	6		6		6		6		6	
1/4	3,606.37	1/4	3,950.44	1/4	4,294.50	1/4	4,637.10	1/4	4,978.99	1/4		1/4		1/4		1/4		1/4	
1/2	3,613.54	1/2	3,957.61	1/2	4,301.67	1/2	4,644.23	1/2	4,986.06	1/2		1/2		1/2		1/2		1/2	
3/4	3,620.71	3/4	3,964.77	3/4	4,308.84	3/4	4,651.37	3/4	4,993.14	3/4		3/4		3/4		3/4		3/4	
7	3,627.88	7	3,971.94	7	4,316.01	7	4,658.50	7	5,000.22	7		7		7		7		7	
1/4	3,635.05	1/4	3,979.11	1/4	4,323.14	1/4	4,665.64	1/4	5,007.24	1/4		1/4		1/4		1/4		1/4	
1/2	3,642.21	1/2	3,986.28	1/2	4,330.28	1/2	4,672.78	1/2	5,014.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,649.38	3/4	3,993.45	3/4	4,337.41	3/4	4,679.91	3/4	5,021.28	3/4		3/4		3/4		3/4		3/4	
8	3,656.55	8	4,000.61	8	4,344.55	8	4,687.05	8	5,028.30	8		8		8		8		8	
1/4	3,663.72	1/4	4,007.78	1/4	4,351.68	1/4	4,694.18	1/4	5,034.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,670.89	1/2	4,014.95	1/2	4,358.82	1/2	4,701.32	1/2	5,040.69	1/2		1/2		1/2		1/2		1/2	
3/4	3,678.05	3/4	4,022.12	3/4	4,365.95	3/4	4,708.45	3/4	5,046.88	3/4		3/4		3/4		3/4		3/4	
9	3,685.22	9	4,029.29	9	4,373.09	9	4,715.59	9	5,053.08	9		9		9		9		9	
1/4	3,692.39	1/4	4,036.45	1/4	4,380.22	1/4	4,722.72	1/4	5,058.08	1/4		1/4		1/4		1/4		1/4	
1/2	3,699.56	1/2	4,043.62	1/2	4,387.36	1/2	4,729.86	1/2	5,063.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,706.73	3/4	4,050.79	3/4	4,394.49	3/4	4,736.99	3/4	5,068.07	3/4		3/4		3/4		3/4		3/4	
10	3,713.89	10	4,057.96	10	4,401.63	10	4,744.13	10	5,073.07	10		10		10		10		10	
1/4	3,721.06	1/4	4,065.13	1/4	4,408.77	1/4	4,751.26	1/4	5,076.88	1/4		1/4		1/4		1/4		1/4	
1/2	3,728.23	1/2	4,072.29	1/2	4,415.90	1/2	4,758.40	1/2	5,080.68	1/2		1/2		1/2		1/2		1/2	
3/4	3,735.40	3/4	4,079.46	3/4	4,423.04	3/4	4,765.54	3/4	5,084.49	3/4		3/4		3/4		3/4		3/4	
11	3,742.57	11	4,086.63	11	4,430.17	11	4,772.67	11	5,088.29	11		11		11		11		11	
1/4	3,749.73	1/4	4,093.80	1/4	4,437.31	1/4	4,779.81	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,756.90	1/2	4,100.97	1/2	4,444.44	1/2	4,786.94	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,764.07	3/4	4,108.13	3/4	4,451.58	3/4	4,794.08	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## 2 STBD INNAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.69	0	343.96	0	687.75	0	1,031.19	0	1,374.86	0	1,718.66	0	2,062.47	0	2,406.27	0	2,750.08	0	3,093.88
1/4	19.17	1/4	351.12	1/4	694.91	1/4	1,038.34	1/4	1,382.02	1/4	1,725.83	1/4	2,069.63	1/4	2,413.44	1/4	2,757.24	1/4	3,101.04
1/2	23.64	1/2	358.28	1/2	702.07	1/2	1,045.49	1/2	1,389.19	1/2	1,732.99	1/2	2,076.79	1/2	2,420.60	1/2	2,764.40	1/2	3,108.20
3/4	28.12	3/4	365.45	3/4	709.24	3/4	1,052.64	3/4	1,396.35	3/4	1,740.15	3/4	2,083.96	3/4	2,427.76	3/4	2,771.57	3/4	3,115.36
1	32.60	1	372.61	1	716.40	1	1,059.79	1	1,403.51	1	1,747.32	1	2,091.12	1	2,434.92	1	2,778.73	1	3,122.52
1/4	38.86	1/4	379.77	1/4	723.56	1/4	1,066.93	1/4	1,410.67	1/4	1,754.48	1/4	2,098.28	1/4	2,442.09	1/4	2,785.89	1/4	3,129.68
1/2	45.13	1/2	386.93	1/2	730.72	1/2	1,074.08	1/2	1,417.84	1/2	1,761.64	1/2	2,105.45	1/2	2,449.25	1/2	2,793.05	1/2	3,136.84
3/4	51.39	3/4	394.10	3/4	737.89	3/4	1,081.23	3/4	1,425.00	3/4	1,768.80	3/4	2,112.61	3/4	2,456.41	3/4	2,800.22	3/4	3,144.00
2	57.66	2	401.26	2	745.05	2	1,088.38	2	1,432.16	2	1,775.97	2	2,119.77	2	2,463.58	2	2,807.38	2	3,151.16
1/4	64.79	1/4	408.42	1/4	752.21	1/4	1,095.54	1/4	1,439.32	1/4	1,783.13	1/4	2,126.93	1/4	2,470.74	1/4	2,814.54	1/4	3,158.32
1/2	71.91	1/2	415.58	1/2	759.37	1/2	1,102.69	1/2	1,446.49	1/2	1,790.29	1/2	2,134.10	1/2	2,477.90	1/2	2,821.71	1/2	3,165.48
3/4	79.04	3/4	422.74	3/4	766.53	3/4	1,109.85	3/4	1,453.65	3/4	1,797.45	3/4	2,141.26	3/4	2,485.06	3/4	2,828.87	3/4	3,172.64
3	86.16	3	429.91	3	773.70	3	1,117.01	3	1,460.81	3	1,804.62	3	2,148.42	3	2,492.23	3	2,836.03	3	3,179.80
1/4	93.31	1/4	437.07	1/4	780.86	1/4	1,124.17	1/4	1,467.97	1/4	1,811.78	1/4	2,155.58	1/4	2,499.39	1/4	2,843.19	1/4	3,186.96
1/2	100.47	1/2	444.23	1/2	788.02	1/2	1,131.33	1/2	1,475.14	1/2	1,818.94	1/2	2,162.75	1/2	2,506.55	1/2	2,850.36	1/2	3,194.12
3/4	107.62	3/4	451.39	3/4	795.18	3/4	1,138.49	3/4	1,482.30	3/4	1,826.10	3/4	2,169.91	3/4	2,513.71	3/4	2,857.52	3/4	3,201.29
4	114.77	4	458.56	4	802.35	4	1,145.66	4	1,489.46	4	1,833.27	4	2,177.07	4	2,520.88	4	2,864.68	4	3,208.45
1/4	121.93	1/4	465.72	1/4	809.51	1/4	1,152.82	1/4	1,496.62	1/4	1,840.43	1/4	2,184.23	1/4	2,528.04	1/4	2,871.84	1/4	3,215.61
1/2	129.09	1/2	472.88	1/2	816.67	1/2	1,159.98	1/2	1,503.79	1/2	1,847.59	1/2	2,191.40	1/2	2,535.20	1/2	2,879.01	1/2	3,222.77
3/4	136.25	3/4	480.04	3/4	823.83	3/4	1,167.14	3/4	1,510.95	3/4	1,854.75	3/4	2,198.56	3/4	2,542.36	3/4	2,886.17	3/4	3,229.93
5	143.41	5	487.21	5	831.00	5	1,174.31	5	1,518.11	5	1,861.92	5	2,205.72	5	2,549.53	5	2,893.33	5	3,237.09
1/4	150.58	1/4	494.37	1/4	838.15	1/4	1,181.47	1/4	1,525.27	1/4	1,869.08	1/4	2,212.88	1/4	2,556.69	1/4	2,900.49	1/4	3,244.25
1/2	157.74	1/2	501.53	1/2	845.31	1/2	1,188.63	1/2	1,532.44	1/2	1,876.24	1/2	2,220.05	1/2	2,563.85	1/2	2,907.66	1/2	3,251.41
3/4	164.90	3/4	508.69	3/4	852.47	3/4	1,195.80	3/4	1,539.60	3/4	1,883.40	3/4	2,227.21	3/4	2,571.01	3/4	2,914.82	3/4	3,258.57
6	172.06	6	515.85	6	859.63	6	1,202.96	6	1,546.76	6	1,890.57	6	2,234.37	6	2,578.18	6	2,921.98	6	3,265.73
1/4	179.23	1/4	523.02	1/4	866.78	1/4	1,210.12	1/4	1,553.93	1/4	1,897.73	1/4	2,241.53	1/4	2,585.34	1/4	2,929.14	1/4	3,272.89
1/2	186.39	1/2	530.18	1/2	873.93	1/2	1,217.28	1/2	1,561.09	1/2	1,904.89	1/2	2,248.70	1/2	2,592.50	1/2	2,936.31	1/2	3,280.05
3/4	193.55	3/4	537.34	3/4	881.07	3/4	1,224.45	3/4	1,568.25	3/4	1,912.06	3/4	2,255.86	3/4	2,599.66	3/4	2,943.47	3/4	3,287.21
7	200.71	7	544.50	7	888.22	7	1,231.61	7	1,575.41	7	1,919.22	7	2,263.02	7	2,606.83	7	2,950.63	7	3,294.37
1/4	207.88	1/4	551.67	1/4	895.37	1/4	1,238.77	1/4	1,582.58	1/4	1,926.38	1/4	2,270.19	1/4	2,613.99	1/4	2,957.79	1/4	3,301.53
1/2	215.04	1/2	558.83	1/2	902.52	1/2	1,245.93	1/2	1,589.74	1/2	1,933.54	1/2	2,277.35	1/2	2,621.15	1/2	2,964.96	1/2	3,308.69
3/4	222.20	3/4	565.99	3/4	909.67	3/4	1,253.10	3/4	1,596.90	3/4	1,940.71	3/4	2,284.51	3/4	2,628.32	3/4	2,972.12	3/4	3,315.85
8	229.36	8	573.15	8	916.82	8	1,260.26	8	1,604.06	8	1,947.87	8	2,291.67	8	2,635.48	8	2,979.28	8	3,323.02
1/4	236.52	1/4	580.32	1/4	923.96	1/4	1,267.42	1/4	1,611.23	1/4	1,955.03	1/4	2,298.84	1/4	2,642.64	1/4	2,986.45	1/4	3,330.18
1/2	243.69	1/2	587.48	1/2	931.11	1/2	1,274.58	1/2	1,618.39	1/2	1,962.19	1/2	2,306.00	1/2	2,649.80	1/2	2,993.61	1/2	3,337.34
3/4	250.85	3/4	594.64	3/4	938.26	3/4	1,281.75	3/4	1,625.55	3/4	1,969.36	3/4	2,313.16	3/4	2,656.97	3/4	3,000.77	3/4	3,344.50
9	258.01	9	601.80	9	945.41	9	1,288.91	9	1,632.71	9	1,976.52	9	2,320.32	9	2,664.13	9	3,007.93	9	3,351.66
1/4	265.17	1/4	608.96	1/4	952.56	1/4	1,296.07	1/4	1,639.88	1/4	1,983.68	1/4	2,327.49	1/4	2,671.29	1/4	3,015.10	1/4	3,358.82
1/2	272.34	1/2	616.13	1/2	959.71	1/2	1,303.23	1/2	1,647.04	1/2	1,990.84	1/2	2,334.65	1/2	2,678.45	1/2	3,022.26	1/2	3,365.98
3/4	279.50	3/4	623.29	3/4	966.85	3/4	1,310.40	3/4	1,654.20	3/4	1,998.01	3/4	2,341.81	3/4	2,685.62	3/4	3,029.42	3/4	3,373.14
10	286.66	10	630.45	10	974.00	10	1,317.56	10	1,661.36	10	2,005.17	10	2,348.97	10	2,692.78	10	3,036.58	10	3,380.30
1/4	293.82	1/4	637.61	1/4	981.15	1/4	1,324.72	1/4	1,668.53	1/4	2,012.33	1/4	2,356.14	1/4	2,699.94	1/4	3,043.75	1/4	3,387.46
1/2	300.99	1/2	644.78	1/2	988.30	1/2	1,331.88	1/2	1,675.69	1/2	2,019.49	1/2	2,363.30	1/2	2,707.10	1/2	3,050.91	1/2	3,394.62
3/4	308.15	3/4	651.94	3/4	995.45	3/4	1,339.05	3/4	1,682.85	3/4	2,026.66	3/4	2,370.46	3/4	2,714.27	3/4	3,058.07	3/4	3,401.78
11	315.31	11	659.10	11	1,002.60	11	1,346.21	11	1,690.01	11	2,033.82	11	2,377.62	11	2,721.43	11	3,065.23	11	3,408.94
1/4	322.47	1/4	666.26	1/4	1,009.75	1/4	1,353.37	1/4	1,697.18	1/4	2,040.98	1/4	2,384.79	1/4	2,728.59	1/4	3,072.39	1/4	3,416.10
1/2	329.63	1/2	673.43	1/2	1,016.89	1/2	1,360.53	1/2	1,704.34	1/2	2,048.14	1/2	2,391.95	1/2	2,735.75	1/2	3,079.55	1/2	3,423.26
3/4	336.80	3/4	680.59	3/4	1,024.04	3/4	1,367.70	3/4	1,711.50	3/4	2,055.31	3/4	2,399.11	3/4	2,742.92	3/4	3,086.72	3/4	3,430.42

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD

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





# BARGE "FMT 3306"

## 2 STBD

### INNAGE TABLE HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,437.58	0	3,781.32	0	4,125.12	0	4,468.27	0	4,810.51	0		0		0		0		0	
1/4	3,444.75	1/4	3,788.48	1/4	4,132.29	1/4	4,475.40	1/4	4,817.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,451.91	1/2	3,795.64	1/2	4,139.45	1/2	4,482.53	1/2	4,824.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,459.07	3/4	3,802.81	3/4	4,146.61	3/4	4,489.66	3/4	4,831.90	3/4		3/4		3/4		3/4		3/4	
1	3,466.23	1	3,809.97	1	4,153.77	1	4,496.79	1	4,839.03	1		1		1		1		1	
1/4	3,473.39	1/4	3,817.13	1/4	4,160.94	1/4	4,503.92	1/4	4,846.16	1/4		1/4		1/4		1/4		1/4	
1/2	3,480.55	1/2	3,824.29	1/2	4,168.10	1/2	4,511.05	1/2	4,853.29	1/2		1/2		1/2		1/2		1/2	
3/4	3,487.71	3/4	3,831.46	3/4	4,175.26	3/4	4,518.18	3/4	4,860.42	3/4		3/4		3/4		3/4		3/4	
2	3,494.87	2	3,838.62	2	4,182.42	2	4,525.31	2	4,867.55	2		2		2		2		2	
1/4	3,502.03	1/4	3,845.78	1/4	4,189.59	1/4	4,532.44	1/4	4,874.68	1/4		1/4		1/4		1/4		1/4	
1/2	3,509.19	1/2	3,852.94	1/2	4,196.75	1/2	4,539.57	1/2	4,881.81	1/2		1/2		1/2		1/2		1/2	
3/4	3,516.35	3/4	3,860.11	3/4	4,203.91	3/4	4,546.70	3/4	4,888.94	3/4		3/4		3/4		3/4		3/4	
3	3,523.51	3	3,867.27	3	4,211.07	3	4,553.83	3	4,896.07	3		3		3		3		3	
1/4	3,530.67	1/4	3,874.43	1/4	4,218.24	1/4	4,560.96	1/4	4,903.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,537.83	1/2	3,881.59	1/2	4,225.40	1/2	4,568.09	1/2	4,910.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,544.99	3/4	3,888.76	3/4	4,232.56	3/4	4,575.22	3/4	4,917.32	3/4		3/4		3/4		3/4		3/4	
4	3,552.15	4	3,895.92	4	4,239.72	4	4,582.35	4	4,924.41	4		4		4		4		4	
1/4	3,559.32	1/4	3,903.08	1/4	4,246.89	1/4	4,589.48	1/4	4,931.49	1/4		1/4		1/4		1/4		1/4	
1/2	3,566.48	1/2	3,910.24	1/2	4,254.05	1/2	4,596.61	1/2	4,938.57	1/2		1/2		1/2		1/2		1/2	
3/4	3,573.64	3/4	3,917.41	3/4	4,261.21	3/4	4,603.74	3/4	4,945.66	3/4		3/4		3/4		3/4		3/4	
5	3,580.80	5	3,924.57	5	4,268.37	5	4,610.87	5	4,952.74	5		5		5		5		5	
1/4	3,587.96	1/4	3,931.73	1/4	4,275.54	1/4	4,618.00	1/4	4,959.83	1/4		1/4		1/4		1/4		1/4	
1/2	3,595.12	1/2	3,938.89	1/2	4,282.70	1/2	4,625.13	1/2	4,966.91	1/2		1/2		1/2		1/2		1/2	
3/4	3,602.28	3/4	3,946.06	3/4	4,289.86	3/4	4,632.26	3/4	4,973.99	3/4		3/4		3/4		3/4		3/4	
6	3,609.44	6	3,953.22	6	4,297.02	6	4,639.39	6	4,981.08	6		6		6		6		6	
1/4	3,616.60	1/4	3,960.38	1/4	4,304.19	1/4	4,646.52	1/4	4,988.15	1/4		1/4		1/4		1/4		1/4	
1/2	3,623.76	1/2	3,967.55	1/2	4,311.35	1/2	4,653.65	1/2	4,995.22	1/2		1/2		1/2		1/2		1/2	
3/4	3,630.92	3/4	3,974.71	3/4	4,318.51	3/4	4,660.78	3/4	5,002.29	3/4		3/4		3/4		3/4		3/4	
7	3,638.08	7	3,981.87	7	4,325.68	7	4,667.91	7	5,009.36	7		7		7		7		7	
1/4	3,645.24	1/4	3,989.03	1/4	4,332.81	1/4	4,675.04	1/4	5,016.37	1/4		1/4		1/4		1/4		1/4	
1/2	3,652.40	1/2	3,996.20	1/2	4,339.94	1/2	4,682.17	1/2	5,023.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,659.56	3/4	4,003.36	3/4	4,347.07	3/4	4,689.30	3/4	5,030.41	3/4		3/4		3/4		3/4		3/4	
8	3,666.72	8	4,010.52	8	4,354.19	8	4,696.43	8	5,037.42	8		8		8		8		8	
1/4	3,673.88	1/4	4,017.68	1/4	4,361.32	1/4	4,703.56	1/4	5,043.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,681.05	1/2	4,024.85	1/2	4,368.45	1/2	4,710.69	1/2	5,049.80	1/2		1/2		1/2		1/2		1/2	
3/4	3,688.21	3/4	4,032.01	3/4	4,375.58	3/4	4,717.82	3/4	5,055.99	3/4		3/4		3/4		3/4		3/4	
9	3,695.37	9	4,039.17	9	4,382.71	9	4,724.95	9	5,062.18	9		9		9		9		9	
1/4	3,702.53	1/4	4,046.33	1/4	4,389.84	1/4	4,732.08	1/4	5,067.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,709.69	1/2	4,053.50	1/2	4,396.97	1/2	4,739.21	1/2	5,072.17	1/2		1/2		1/2		1/2		1/2	
3/4	3,716.85	3/4	4,060.66	3/4	4,404.10	3/4	4,746.34	3/4	5,077.17	3/4		3/4		3/4		3/4		3/4	
10	3,724.02	10	4,067.82	10	4,411.23	10	4,753.47	10	5,082.16	10		10		10		10		10	
1/4	3,731.18	1/4	4,074.98	1/4	4,418.36	1/4	4,760.60	1/4	5,085.96	1/4		1/4		1/4		1/4		1/4	
1/2	3,738.34	1/2	4,082.15	1/2	4,425.49	1/2	4,767.73	1/2	5,089.77	1/2		1/2		1/2		1/2		1/2	
3/4	3,745.50	3/4	4,089.31	3/4	4,432.62	3/4	4,774.86	3/4	5,093.57	3/4		3/4		3/4		3/4		3/4	
11	3,752.67	11	4,096.47	11	4,439.75	11	4,781.99	11	5,097.37	11		11		11		11		11	
1/4	3,759.83	1/4	4,103.63	1/4	4,446.88	1/4	4,789.12	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,766.99	1/2	4,110.80	1/2	4,454.01	1/2	4,796.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,774.16	3/4	4,117.96	3/4	4,461.14	3/4	4,803.38	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## 3 PORT INNAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.62	0	342.23	0	683.78	0	1,015.68	0	1,352.52	0	1,693.96	0	2,035.40	0	2,376.84	0	2,718.25	0	3,059.82
1/4	19.07	1/4	349.35	1/4	690.89	1/4	1,022.49	1/4	1,359.63	1/4	1,701.07	1/4	2,042.51	1/4	2,383.95	1/4	2,725.36	1/4	3,066.93
1/2	23.53	1/2	356.48	1/2	698.01	1/2	1,029.29	1/2	1,366.75	1/2	1,708.19	1/2	2,049.62	1/2	2,391.06	1/2	2,732.47	1/2	3,074.04
3/4	27.98	3/4	363.61	3/4	705.12	3/4	1,036.10	3/4	1,373.86	3/4	1,715.30	3/4	2,056.74	3/4	2,398.18	3/4	2,739.59	3/4	3,081.15
1	32.43	1	370.73	1	712.23	1	1,042.90	1	1,380.97	1	1,722.41	1	2,063.85	1	2,405.29	1	2,746.70	1	3,088.25
1/4	38.67	1/4	377.85	1/4	719.35	1/4	1,049.71	1/4	1,388.09	1/4	1,729.53	1/4	2,070.96	1/4	2,412.40	1/4	2,753.81	1/4	3,095.36
1/2	44.90	1/2	384.96	1/2	726.46	1/2	1,056.51	1/2	1,395.20	1/2	1,736.64	1/2	2,078.08	1/2	2,419.52	1/2	2,760.92	1/2	3,102.47
3/4	51.14	3/4	392.08	3/4	733.58	3/4	1,063.31	3/4	1,402.31	3/4	1,743.75	3/4	2,085.19	3/4	2,426.63	3/4	2,768.04	3/4	3,109.58
2	57.37	2	399.19	2	740.69	2	1,070.12	2	1,409.43	2	1,750.87	2	2,092.30	2	2,433.74	2	2,775.15	2	3,116.69
1/4	64.46	1/4	406.31	1/4	747.81	1/4	1,076.93	1/4	1,416.54	1/4	1,757.98	1/4	2,099.42	1/4	2,440.86	1/4	2,782.26	1/4	3,123.78
1/2	71.55	1/2	413.42	1/2	754.92	1/2	1,083.74	1/2	1,423.65	1/2	1,765.09	1/2	2,106.53	1/2	2,447.97	1/2	2,789.37	1/2	3,130.87
3/4	78.64	3/4	420.54	3/4	762.04	3/4	1,090.55	3/4	1,430.77	3/4	1,772.21	3/4	2,113.64	3/4	2,455.08	3/4	2,796.49	3/4	3,137.96
3	85.73	3	427.65	3	769.15	3	1,097.37	3	1,437.88	3	1,779.32	3	2,120.76	3	2,462.20	3	2,803.60	3	3,145.05
1/4	92.85	1/4	434.77	1/4	776.27	1/4	1,104.25	1/4	1,444.99	1/4	1,786.43	1/4	2,127.87	1/4	2,469.31	1/4	2,810.71	1/4	3,152.14
1/2	99.96	1/2	441.88	1/2	783.38	1/2	1,111.13	1/2	1,452.11	1/2	1,793.55	1/2	2,134.98	1/2	2,476.42	1/2	2,817.82	1/2	3,159.23
3/4	107.08	3/4	448.99	3/4	790.50	3/4	1,118.01	3/4	1,459.22	3/4	1,800.66	3/4	2,142.10	3/4	2,483.54	3/4	2,824.94	3/4	3,166.33
4	114.19	4	456.11	4	797.61	4	1,124.89	4	1,466.33	4	1,807.77	4	2,149.21	4	2,490.65	4	2,832.05	4	3,173.42
1/4	121.32	1/4	463.22	1/4	804.49	1/4	1,132.01	1/4	1,473.45	1/4	1,814.88	1/4	2,156.32	1/4	2,497.76	1/4	2,839.16	1/4	3,180.51
1/2	128.44	1/2	470.34	1/2	811.38	1/2	1,139.12	1/2	1,480.56	1/2	1,822.00	1/2	2,163.44	1/2	2,504.87	1/2	2,846.27	1/2	3,187.60
3/4	135.57	3/4	477.45	3/4	818.26	3/4	1,146.23	3/4	1,487.67	3/4	1,829.11	3/4	2,170.55	3/4	2,511.99	3/4	2,853.39	3/4	3,194.69
5	142.69	5	484.57	5	825.14	5	1,153.35	5	1,494.79	5	1,836.22	5	2,177.66	5	2,519.10	5	2,860.50	5	3,201.78
1/4	149.82	1/4	491.68	1/4	831.95	1/4	1,160.46	1/4	1,501.90	1/4	1,843.34	1/4	2,184.78	1/4	2,526.21	1/4	2,867.61	1/4	3,208.87
1/2	156.94	1/2	498.80	1/2	838.77	1/2	1,167.57	1/2	1,509.01	1/2	1,850.45	1/2	2,191.89	1/2	2,533.32	1/2	2,874.72	1/2	3,215.96
3/4	164.07	3/4	505.91	3/4	845.58	3/4	1,174.69	3/4	1,516.13	3/4	1,857.56	3/4	2,199.00	3/4	2,540.44	3/4	2,881.84	3/4	3,223.05
6	171.20	6	513.03	6	852.39	6	1,181.80	6	1,523.24	6	1,864.68	6	2,206.12	6	2,547.55	6	2,888.95	6	3,230.15
1/4	178.32	1/4	520.14	1/4	859.19	1/4	1,188.91	1/4	1,530.35	1/4	1,871.79	1/4	2,213.23	1/4	2,554.66	1/4	2,896.06	1/4	3,237.24
1/2	185.45	1/2	527.25	1/2	866.00	1/2	1,196.03	1/2	1,537.47	1/2	1,878.90	1/2	2,220.34	1/2	2,561.77	1/2	2,903.17	1/2	3,244.33
3/4	192.58	3/4	534.37	3/4	872.80	3/4	1,203.14	3/4	1,544.58	3/4	1,886.02	3/4	2,227.46	3/4	2,568.89	3/4	2,910.29	3/4	3,251.42
7	199.70	7	541.48	7	879.61	7	1,210.25	7	1,551.69	7	1,893.13	7	2,234.57	7	2,576.00	7	2,917.40	7	3,258.51
1/4	206.83	1/4	548.60	1/4	886.41	1/4	1,217.37	1/4	1,558.81	1/4	1,900.24	1/4	2,241.68	1/4	2,583.11	1/4	2,924.52	1/4	3,265.60
1/2	213.96	1/2	555.71	1/2	893.21	1/2	1,224.48	1/2	1,565.92	1/2	1,907.36	1/2	2,248.80	1/2	2,590.22	1/2	2,931.65	1/2	3,272.70
3/4	221.08	3/4	562.83	3/4	900.02	3/4	1,231.59	3/4	1,573.03	3/4	1,914.47	3/4	2,255.91	3/4	2,597.34	3/4	2,938.77	3/4	3,279.79
8	228.21	8	569.94	8	906.82	8	1,238.71	8	1,580.15	8	1,921.58	8	2,263.02	8	2,604.45	8	2,945.90	8	3,286.88
1/4	235.33	1/4	577.06	1/4	913.62	1/4	1,245.82	1/4	1,587.26	1/4	1,928.70	1/4	2,270.14	1/4	2,611.56	1/4	2,953.02	1/4	3,293.97
1/2	242.46	1/2	584.17	1/2	920.43	1/2	1,252.93	1/2	1,594.37	1/2	1,935.81	1/2	2,277.25	1/2	2,618.67	1/2	2,960.14	1/2	3,301.07
3/4	249.59	3/4	591.29	3/4	927.23	3/4	1,260.05	3/4	1,601.49	3/4	1,942.92	3/4	2,284.36	3/4	2,625.79	3/4	2,967.27	3/4	3,308.16
9	256.71	9	598.40	9	934.04	9	1,267.16	9	1,608.60	9	1,950.04	9	2,291.48	9	2,632.90	9	2,974.39	9	3,315.25
1/4	263.84	1/4	605.52	1/4	940.84	1/4	1,274.27	1/4	1,615.71	1/4	1,957.15	1/4	2,298.59	1/4	2,640.01	1/4	2,981.52	1/4	3,322.34
1/2	270.97	1/2	612.63	1/2	947.64	1/2	1,281.39	1/2	1,622.83	1/2	1,964.26	1/2	2,305.70	1/2	2,647.12	1/2	2,988.64	1/2	3,329.44
3/4	278.09	3/4	619.74	3/4	954.45	3/4	1,288.50	3/4	1,629.94	3/4	1,971.38	3/4	2,312.82	3/4	2,654.24	3/4	2,995.77	3/4	3,336.53
10	285.22	10	626.86	10	961.25	10	1,295.61	10	1,637.05	10	1,978.49	10	2,319.93	10	2,661.35	10	3,002.89	10	3,343.62
1/4	292.34	1/4	633.97	1/4	968.06	1/4	1,302.73	1/4	1,644.17	1/4	1,985.60	1/4	2,327.04	1/4	2,668.46	1/4	3,010.01	1/4	3,347.95
1/2	299.47	1/2	641.09	1/2	974.86	1/2	1,309.84	1/2	1,651.28	1/2	1,992.72	1/2	2,334.16	1/2	2,675.57	1/2	3,017.14	1/2	3,352.29
3/4	306.60	3/4	648.20	3/4	981.66	3/4	1,316.95	3/4	1,658.39	3/4	1,999.83	3/4	2,341.27	3/4	2,682.69	3/4	3,024.26	3/4	3,356.62
11	313.72	11	655.32	11	988.47	11	1,324.07	11	1,665.51	11	2,006.94	11	2,348.38	11	2,689.80	11	3,031.39	11	3,360.95
1/4	320.85	1/4	662.43	1/4	995.27	1/4	1,331.18	1/4	1,672.62	1/4	2,014.06	1/4	2,355.50	1/4	2,696.91	1/4	3,038.50	1/4	3,365.29
1/2	327.98	1/2	669.55	1/2	1,002.08	1/2	1,338.29	1/2	1,679.73	1/2	2,021.17	1/2	2,362.61	1/2	2,704.02	1/2	3,045.60	1/2	3,369.62
3/4	335.10	3/4	676.66	3/4	1,008.88	3/4	1,345.41	3/4	1,686.85	3/4	2,028.28	3/4	2,369.72	3/4	2,711.14	3/4	3,052.71	3/4	3,373.95

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 3 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,378.29	0	3,587.35	0	3,796.99	0	4,006.24	0	4,214.96	0		0		0		0		0	
1/4	3,382.64	1/4	3,591.72	1/4	3,801.36	1/4	4,010.59	1/4	4,219.31	1/4		1/4		1/4		1/4		1/4	
1/2	3,386.99	1/2	3,596.09	1/2	3,805.72	1/2	4,014.94	1/2	4,223.66	1/2		1/2		1/2		1/2		1/2	
3/4	3,391.34	3/4	3,600.46	3/4	3,810.09	3/4	4,019.29	3/4	4,228.01	3/4		3/4		3/4		3/4		3/4	
1	3,395.69	1	3,604.82	1	3,814.46	1	4,023.64	1	4,232.35	1		1		1		1		1	
1/4	3,400.05	1/4	3,609.19	1/4	3,818.83	1/4	4,027.98	1/4	4,236.70	1/4		1/4		1/4		1/4		1/4	
1/2	3,404.40	1/2	3,613.56	1/2	3,823.19	1/2	4,032.33	1/2	4,241.05	1/2		1/2		1/2		1/2		1/2	
3/4	3,408.75	3/4	3,617.93	3/4	3,827.56	3/4	4,036.68	3/4	4,245.40	3/4		3/4		3/4		3/4		3/4	
2	3,413.10	2	3,622.29	2	3,831.93	2	4,041.03	2	4,249.75	2		2		2		2		2	
1/4	3,417.45	1/4	3,626.66	1/4	3,836.30	1/4	4,045.38	1/4	4,254.10	1/4		1/4		1/4		1/4		1/4	
1/2	3,421.80	1/2	3,631.03	1/2	3,840.66	1/2	4,049.73	1/2	4,258.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,426.15	3/4	3,635.40	3/4	3,845.03	3/4	4,054.07	3/4	4,262.79	3/4		3/4		3/4		3/4		3/4	
3	3,430.51	3	3,639.76	3	3,849.40	3	4,058.42	3	4,267.14	3		3		3		3		3	
1/4	3,434.86	1/4	3,644.13	1/4	3,853.77	1/4	4,062.77	1/4	4,271.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,439.21	1/2	3,648.50	1/2	3,858.13	1/2	4,067.12	1/2	4,275.78	1/2		1/2		1/2		1/2		1/2	
3/4	3,443.56	3/4	3,652.86	3/4	3,862.50	3/4	4,071.47	3/4	4,280.10	3/4		3/4		3/4		3/4		3/4	
4	3,447.91	4	3,657.23	4	3,866.87	4	4,075.81	4	4,284.42	4		4		4		4		4	
1/4	3,452.26	1/4	3,661.60	1/4	3,871.23	1/4	4,080.16	1/4	4,288.75	1/4		1/4		1/4		1/4		1/4	
1/2	3,456.62	1/2	3,665.97	1/2	3,875.60	1/2	4,084.51	1/2	4,293.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,460.97	3/4	3,670.33	3/4	3,879.97	3/4	4,088.86	3/4	4,297.39	3/4		3/4		3/4		3/4		3/4	
5	3,465.32	5	3,674.70	5	3,884.34	5	4,093.21	5	4,301.71	5		5		5		5		5	
1/4	3,469.67	1/4	3,679.07	1/4	3,888.70	1/4	4,097.56	1/4	4,306.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,474.02	1/2	3,683.44	1/2	3,893.07	1/2	4,101.90	1/2	4,310.34	1/2		1/2		1/2		1/2		1/2	
3/4	3,478.37	3/4	3,687.80	3/4	3,897.44	3/4	4,106.25	3/4	4,314.66	3/4		3/4		3/4		3/4		3/4	
6	3,482.73	6	3,692.17	6	3,901.81	6	4,110.60	6	4,318.98	6		6		6		6		6	
1/4	3,487.08	1/4	3,696.54	1/4	3,906.17	1/4	4,114.95	1/4	4,323.29	1/4		1/4		1/4		1/4		1/4	
1/2	3,491.43	1/2	3,700.91	1/2	3,910.54	1/2	4,119.30	1/2	4,327.59	1/2		1/2		1/2		1/2		1/2	
3/4	3,495.78	3/4	3,705.27	3/4	3,914.91	3/4	4,123.65	3/4	4,331.90	3/4		3/4		3/4		3/4		3/4	
7	3,500.13	7	3,709.64	7	3,919.28	7	4,127.99	7	4,336.21	7		7		7		7		7	
1/4	3,504.48	1/4	3,714.01	1/4	3,923.62	1/4	4,132.34	1/4	4,340.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,508.84	1/2	3,718.38	1/2	3,927.97	1/2	4,136.69	1/2	4,344.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,513.19	3/4	3,722.74	3/4	3,932.32	3/4	4,141.04	3/4	4,348.96	3/4		3/4		3/4		3/4		3/4	
8	3,517.54	8	3,727.11	8	3,936.67	8	4,145.39	8	4,353.21	8		8		8		8		8	
1/4	3,521.89	1/4	3,731.48	1/4	3,941.02	1/4	4,149.74	1/4	4,356.64	1/4		1/4		1/4		1/4		1/4	
1/2	3,526.24	1/2	3,735.85	1/2	3,945.37	1/2	4,154.08	1/2	4,360.07	1/2		1/2		1/2		1/2		1/2	
3/4	3,530.59	3/4	3,740.21	3/4	3,949.71	3/4	4,158.43	3/4	4,363.50	3/4		3/4		3/4		3/4		3/4	
9	3,534.94	9	3,744.58	9	3,954.06	9	4,162.78	9	4,366.93	9		9		9		9		9	
1/4	3,539.31	1/4	3,748.95	1/4	3,958.41	1/4	4,167.13	1/4	4,369.18	1/4		1/4		1/4		1/4		1/4	
1/2	3,543.68	1/2	3,753.31	1/2	3,962.76	1/2	4,171.48	1/2	4,371.42	1/2		1/2		1/2		1/2		1/2	
3/4	3,548.05	3/4	3,757.68	3/4	3,967.11	3/4	4,175.83	3/4	4,373.66	3/4		3/4		3/4		3/4		3/4	
10	3,552.41	10	3,762.05	10	3,971.46	10	4,180.17	10	4,375.90	10		10		10		10		10	
1/4	3,556.78	1/4	3,766.42	1/4	3,975.80	1/4	4,184.52	1/4	4,377.61	1/4		1/4		1/4		1/4		1/4	
1/2	3,561.15	1/2	3,770.78	1/2	3,980.15	1/2	4,188.87	1/2	4,379.32	1/2		1/2		1/2		1/2		1/2	
3/4	3,565.52	3/4	3,775.15	3/4	3,984.50	3/4	4,193.22	3/4	4,381.02	3/4		3/4		3/4		3/4		3/4	
11	3,569.88	11	3,779.52	11	3,988.85	11	4,197.57	11	4,382.73	11		11		11		11		11	
1/4	3,574.25	1/4	3,783.89	1/4	3,993.20	1/4	4,201.92	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,578.62	1/2	3,788.25	1/2	3,997.55	1/2	4,206.26	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,582.99	3/4	3,792.62	3/4	4,001.89	3/4	4,210.61	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "FMT 3306"

## 3 STBD INNAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	14.60	0	341.70	0	683.24	0	1,024.41	0	1,365.82	0	1,707.37	0	2,048.91	0	2,390.45	0	2,731.73	0	3,072.40
1/4	19.04	1/4	348.82	1/4	690.35	1/4	1,031.52	1/4	1,372.94	1/4	1,714.48	1/4	2,056.03	1/4	2,397.57	1/4	2,738.82	1/4	3,079.49
1/2	23.49	1/2	355.93	1/2	697.47	1/2	1,038.62	1/2	1,380.05	1/2	1,721.60	1/2	2,063.14	1/2	2,404.69	1/2	2,745.92	1/2	3,086.59
3/4	27.94	3/4	363.05	3/4	704.58	3/4	1,045.72	3/4	1,387.17	3/4	1,728.71	3/4	2,070.26	3/4	2,411.80	3/4	2,753.02	3/4	3,093.69
1	32.38	1	370.16	1	711.70	1	1,052.82	1	1,394.28	1	1,735.83	1	2,077.37	1	2,418.92	1	2,760.12	1	3,100.79
1/4	38.61	1/4	377.28	1/4	718.81	1/4	1,059.92	1/4	1,401.40	1/4	1,742.94	1/4	2,084.49	1/4	2,426.03	1/4	2,767.21	1/4	3,107.88
1/2	44.83	1/2	384.39	1/2	725.93	1/2	1,067.02	1/2	1,408.52	1/2	1,750.06	1/2	2,091.60	1/2	2,433.15	1/2	2,774.31	1/2	3,114.98
3/4	51.06	3/4	391.51	3/4	733.04	3/4	1,074.13	3/4	1,415.63	3/4	1,757.18	3/4	2,098.72	3/4	2,440.26	3/4	2,781.41	3/4	3,122.08
2	57.28	2	398.62	2	740.16	2	1,081.23	2	1,422.75	2	1,764.29	2	2,105.83	2	2,447.38	2	2,788.51	2	3,129.18
1/4	64.36	1/4	405.74	1/4	747.27	1/4	1,088.34	1/4	1,429.86	1/4	1,771.41	1/4	2,112.95	1/4	2,454.49	1/4	2,795.60	1/4	3,136.26
1/2	71.44	1/2	412.85	1/2	754.39	1/2	1,095.45	1/2	1,436.98	1/2	1,778.52	1/2	2,120.07	1/2	2,461.61	1/2	2,802.70	1/2	3,143.34
3/4	78.52	3/4	419.97	3/4	761.50	3/4	1,102.56	3/4	1,444.09	3/4	1,785.64	3/4	2,127.18	3/4	2,468.73	3/4	2,809.80	3/4	3,150.42
3	85.60	3	427.08	3	768.62	3	1,109.66	3	1,451.21	3	1,792.75	3	2,134.30	3	2,475.84	3	2,816.89	3	3,157.50
1/4	92.70	1/4	434.20	1/4	775.73	1/4	1,116.78	1/4	1,458.32	1/4	1,799.87	1/4	2,141.41	1/4	2,482.96	1/4	2,823.99	1/4	3,164.58
1/2	99.81	1/2	441.32	1/2	782.85	1/2	1,123.90	1/2	1,465.44	1/2	1,806.98	1/2	2,148.53	1/2	2,490.07	1/2	2,831.09	1/2	3,171.66
3/4	106.91	3/4	448.43	3/4	789.97	3/4	1,131.01	3/4	1,472.56	3/4	1,814.10	3/4	2,155.64	3/4	2,497.19	3/4	2,838.19	3/4	3,178.74
4	114.02	4	455.55	4	797.08	4	1,138.13	4	1,479.67	4	1,821.21	4	2,162.76	4	2,504.30	4	2,845.28	4	3,185.82
1/4	121.13	1/4	462.66	1/4	804.20	1/4	1,145.24	1/4	1,486.79	1/4	1,828.33	1/4	2,169.87	1/4	2,511.42	1/4	2,852.38	1/4	3,192.90
1/2	128.25	1/2	469.78	1/2	811.31	1/2	1,152.36	1/2	1,493.90	1/2	1,835.45	1/2	2,176.99	1/2	2,518.54	1/2	2,859.48	1/2	3,199.98
3/4	135.36	3/4	476.89	3/4	818.43	3/4	1,159.47	3/4	1,501.02	3/4	1,842.56	3/4	2,184.11	3/4	2,525.65	3/4	2,866.58	3/4	3,207.06
5	142.47	5	484.01	5	825.54	5	1,166.59	5	1,508.13	5	1,849.68	5	2,191.22	5	2,532.77	5	2,873.67	5	3,214.14
1/4	149.59	1/4	491.12	1/4	832.65	1/4	1,173.70	1/4	1,515.25	1/4	1,856.79	1/4	2,198.34	1/4	2,539.89	1/4	2,880.77	1/4	3,221.22
1/2	156.70	1/2	498.24	1/2	839.76	1/2	1,180.82	1/2	1,522.36	1/2	1,863.91	1/2	2,205.45	1/2	2,547.00	1/2	2,887.87	1/2	3,228.30
3/4	163.82	3/4	505.35	3/4	846.87	3/4	1,187.94	3/4	1,529.48	3/4	1,871.02	3/4	2,212.57	3/4	2,554.12	3/4	2,894.96	3/4	3,235.38
6	170.93	6	512.47	6	853.98	6	1,195.05	6	1,536.59	6	1,878.14	6	2,219.68	6	2,561.24	6	2,902.06	6	3,242.46
1/4	178.05	1/4	519.58	1/4	861.08	1/4	1,202.17	1/4	1,543.71	1/4	1,885.25	1/4	2,226.80	1/4	2,568.35	1/4	2,909.16	1/4	3,249.54
1/2	185.16	1/2	526.70	1/2	868.18	1/2	1,209.28	1/2	1,550.83	1/2	1,892.37	1/2	2,233.91	1/2	2,575.47	1/2	2,916.26	1/2	3,256.62
3/4	192.28	3/4	533.81	3/4	875.28	3/4	1,216.40	3/4	1,557.94	3/4	1,899.49	3/4	2,241.03	3/4	2,582.59	3/4	2,923.35	3/4	3,263.70
7	199.40	7	540.93	7	882.38	7	1,223.51	7	1,565.06	7	1,906.60	7	2,248.14	7	2,589.70	7	2,930.45	7	3,270.78
1/4	206.51	1/4	548.04	1/4	889.49	1/4	1,230.63	1/4	1,572.17	1/4	1,913.72	1/4	2,255.26	1/4	2,596.82	1/4	2,937.55	1/4	3,277.86
1/2	213.63	1/2	555.16	1/2	896.59	1/2	1,237.74	1/2	1,579.29	1/2	1,920.83	1/2	2,262.38	1/2	2,603.94	1/2	2,944.65	1/2	3,284.94
3/4	220.74	3/4	562.28	3/4	903.69	3/4	1,244.86	3/4	1,586.40	3/4	1,927.95	3/4	2,269.49	3/4	2,611.05	3/4	2,951.74	3/4	3,292.02
8	227.86	8	569.39	8	910.79	8	1,251.97	8	1,593.52	8	1,935.06	8	2,276.61	8	2,618.17	8	2,958.84	8	3,299.10
1/4	234.97	1/4	576.51	1/4	917.89	1/4	1,259.09	1/4	1,600.63	1/4	1,942.18	1/4	2,283.72	1/4	2,625.27	1/4	2,965.94	1/4	3,306.18
1/2	242.09	1/2	583.62	1/2	924.99	1/2	1,266.21	1/2	1,607.75	1/2	1,949.29	1/2	2,290.84	1/2	2,632.36	1/2	2,973.04	1/2	3,313.26
3/4	249.20	3/4	590.74	3/4	932.09	3/4	1,273.32	3/4	1,614.87	3/4	1,956.41	3/4	2,297.95	3/4	2,639.46	3/4	2,980.13	3/4	3,320.34
9	256.32	9	597.85	9	939.20	9	1,280.44	9	1,621.98	9	1,963.52	9	2,305.07	9	2,646.56	9	2,987.23	9	3,327.42
1/4	263.43	1/4	604.97	1/4	946.30	1/4	1,287.55	1/4	1,629.10	1/4	1,970.64	1/4	2,312.18	1/4	2,653.66	1/4	2,994.33	1/4	3,334.50
1/2	270.55	1/2	612.08	1/2	953.40	1/2	1,294.67	1/2	1,636.21	1/2	1,977.76	1/2	2,319.30	1/2	2,660.75	1/2	3,001.42	1/2	3,341.58
3/4	277.66	3/4	619.20	3/4	960.50	3/4	1,301.78	3/4	1,643.33	3/4	1,984.87	3/4	2,326.42	3/4	2,667.85	3/4	3,008.52	3/4	3,348.66
10	284.78	10	626.31	10	967.60	10	1,308.90	10	1,650.44	10	1,991.99	10	2,333.53	10	2,674.95	10	3,015.62	10	3,355.74
1/4	291.89	1/4	633.43	1/4	974.70	1/4	1,316.01	1/4	1,657.56	1/4	1,999.10	1/4	2,340.65	1/4	2,682.05	1/4	3,022.72	1/4	3,360.07
1/2	299.01	1/2	640.54	1/2	981.80	1/2	1,323.13	1/2	1,664.67	1/2	2,006.22	1/2	2,347.76	1/2	2,689.14	1/2	3,029.81	1/2	3,364.40
3/4	306.12	3/4	647.66	3/4	988.91	3/4	1,330.25	3/4	1,671.79	3/4	2,013.33	3/4	2,354.88	3/4	2,696.24	3/4	3,036.91	3/4	3,368.73
11	313.24	11	654.77	11	996.01	11	1,337.36	11	1,678.90	11	2,020.45	11	2,361.99	11	2,703.34	11	3,044.01	11	3,373.05
1/4	320.36	1/4	661.89	1/4	1,003.11	1/4	1,344.48	1/4	1,686.02	1/4	2,027.56	1/4	2,369.11	1/4	2,710.43	1/4	3,051.11	1/4	3,377.38
1/2	327.47	1/2	669.01	1/2	1,010.21	1/2	1,351.59	1/2	1,693.14	1/2	2,034.68	1/2	2,376.22	1/2	2,717.53	1/2	3,058.20	1/2	3,381.71
3/4	334.59	3/4	676.12	3/4	1,017.31	3/4	1,358.71	3/4	1,700.25	3/4	2,041.80	3/4	2,383.34	3/4	2,724.63	3/4	3,065.30	3/4	3,386.04

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD

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





# BARGE "FMT 3306"

3 STBD

INNAGE TABLE  
HERMETIC  
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,390.37	0	3,599.83	0	3,809.30	0	4,018.39	0	4,226.94	0		0		0		0		0	
1/4	3,394.73	1/4	3,604.20	1/4	3,813.67	1/4	4,022.73	1/4	4,231.28	1/4		1/4		1/4		1/4		1/4	
1/2	3,399.10	1/2	3,608.56	1/2	3,818.03	1/2	4,027.08	1/2	4,235.63	1/2		1/2		1/2		1/2		1/2	
3/4	3,403.46	3/4	3,612.93	3/4	3,822.39	3/4	4,031.42	3/4	4,239.97	3/4		3/4		3/4		3/4		3/4	
1	3,407.82	1	3,617.29	1	3,826.76	1	4,035.77	1	4,244.32	1		1		1		1		1	
1/4	3,412.19	1/4	3,621.65	1/4	3,831.12	1/4	4,040.11	1/4	4,248.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,416.55	1/2	3,626.02	1/2	3,835.49	1/2	4,044.46	1/2	4,253.01	1/2		1/2		1/2		1/2		1/2	
3/4	3,420.91	3/4	3,630.38	3/4	3,839.85	3/4	4,048.80	3/4	4,257.35	3/4		3/4		3/4		3/4		3/4	
2	3,425.28	2	3,634.75	2	3,844.21	2	4,053.15	2	4,261.70	2		2		2		2		2	
1/4	3,429.64	1/4	3,639.11	1/4	3,848.58	1/4	4,057.49	1/4	4,266.04	1/4		1/4		1/4		1/4		1/4	
1/2	3,434.01	1/2	3,643.47	1/2	3,852.94	1/2	4,061.84	1/2	4,270.39	1/2		1/2		1/2		1/2		1/2	
3/4	3,438.37	3/4	3,647.84	3/4	3,857.30	3/4	4,066.18	3/4	4,274.73	3/4		3/4		3/4		3/4		3/4	
3	3,442.73	3	3,652.20	3	3,861.67	3	4,070.52	3	4,279.08	3		3		3		3		3	
1/4	3,447.10	1/4	3,656.57	1/4	3,866.03	1/4	4,074.87	1/4	4,283.39	1/4		1/4		1/4		1/4		1/4	
1/2	3,451.46	1/2	3,660.93	1/2	3,870.40	1/2	4,079.21	1/2	4,287.71	1/2		1/2		1/2		1/2		1/2	
3/4	3,455.83	3/4	3,665.29	3/4	3,874.76	3/4	4,083.56	3/4	4,292.03	3/4		3/4		3/4		3/4		3/4	
4	3,460.19	4	3,669.66	4	3,879.12	4	4,087.90	4	4,296.34	4		4		4		4		4	
1/4	3,464.55	1/4	3,674.02	1/4	3,883.49	1/4	4,092.25	1/4	4,300.66	1/4		1/4		1/4		1/4		1/4	
1/2	3,468.92	1/2	3,678.38	1/2	3,887.85	1/2	4,096.59	1/2	4,304.98	1/2		1/2		1/2		1/2		1/2	
3/4	3,473.28	3/4	3,682.75	3/4	3,892.22	3/4	4,100.94	3/4	4,309.29	3/4		3/4		3/4		3/4		3/4	
5	3,477.65	5	3,687.11	5	3,896.58	5	4,105.28	5	4,313.61	5		5		5		5		5	
1/4	3,482.01	1/4	3,691.48	1/4	3,900.94	1/4	4,109.63	1/4	4,317.92	1/4		1/4		1/4		1/4		1/4	
1/2	3,486.37	1/2	3,695.84	1/2	3,905.31	1/2	4,113.97	1/2	4,322.24	1/2		1/2		1/2		1/2		1/2	
3/4	3,490.74	3/4	3,700.20	3/4	3,909.67	3/4	4,118.32	3/4	4,326.55	3/4		3/4		3/4		3/4		3/4	
6	3,495.10	6	3,704.57	6	3,914.04	6	4,122.66	6	4,330.87	6		6		6		6		6	
1/4	3,499.47	1/4	3,708.93	1/4	3,918.40	1/4	4,127.01	1/4	4,335.17	1/4		1/4		1/4		1/4		1/4	
1/2	3,503.83	1/2	3,713.30	1/2	3,922.76	1/2	4,131.35	1/2	4,339.47	1/2		1/2		1/2		1/2		1/2	
3/4	3,508.19	3/4	3,717.66	3/4	3,927.13	3/4	4,135.70	3/4	4,343.78	3/4		3/4		3/4		3/4		3/4	
7	3,512.56	7	3,722.02	7	3,931.49	7	4,140.04	7	4,348.08	7		7		7		7		7	
1/4	3,516.92	1/4	3,726.39	1/4	3,935.84	1/4	4,144.39	1/4	4,352.33	1/4		1/4		1/4		1/4		1/4	
1/2	3,521.28	1/2	3,730.75	1/2	3,940.18	1/2	4,148.73	1/2	4,356.58	1/2		1/2		1/2		1/2		1/2	
3/4	3,525.65	3/4	3,735.12	3/4	3,944.53	3/4	4,153.08	3/4	4,360.83	3/4		3/4		3/4		3/4		3/4	
8	3,530.01	8	3,739.48	8	3,948.87	8	4,157.42	8	4,365.07	8		8		8		8		8	
1/4	3,534.38	1/4	3,743.84	1/4	3,953.22	1/4	4,161.77	1/4	4,368.50	1/4		1/4		1/4		1/4		1/4	
1/2	3,538.74	1/2	3,748.21	1/2	3,957.56	1/2	4,166.11	1/2	4,371.93	1/2		1/2		1/2		1/2		1/2	
3/4	3,543.10	3/4	3,752.57	3/4	3,961.90	3/4	4,170.46	3/4	4,375.36	3/4		3/4		3/4		3/4		3/4	
9	3,547.47	9	3,756.94	9	3,966.25	9	4,174.80	9	4,378.79	9		9		9		9		9	
1/4	3,551.83	1/4	3,761.30	1/4	3,970.59	1/4	4,179.14	1/4	4,381.03	1/4		1/4		1/4		1/4		1/4	
1/2	3,556.20	1/2	3,765.66	1/2	3,974.94	1/2	4,183.49	1/2	4,383.27	1/2		1/2		1/2		1/2		1/2	
3/4	3,560.56	3/4	3,770.03	3/4	3,979.28	3/4	4,187.83	3/4	4,385.51	3/4		3/4		3/4		3/4		3/4	
10	3,564.92	10	3,774.39	10	3,983.63	10	4,192.18	10	4,387.75	10		10		10		10		10	
1/4	3,569.29	1/4	3,778.75	1/4	3,987.97	1/4	4,196.52	1/4	4,389.46	1/4		1/4		1/4		1/4		1/4	
1/2	3,573.65	1/2	3,783.12	1/2	3,992.32	1/2	4,200.87	1/2	4,391.16	1/2		1/2		1/2		1/2		1/2	
3/4	3,578.02	3/4	3,787.48	3/4	3,996.66	3/4	4,205.21	3/4	4,392.87	3/4		3/4		3/4		3/4		3/4	
11	3,582.38	11	3,791.85	11	4,001.01	11	4,209.56	11	4,394.57	11		11		11		11		11	
1/4	3,586.74	1/4	3,796.21	1/4	4,005.35	1/4	4,213.90	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	3,591.11	1/2	3,800.57	1/2	4,009.70	1/2	4,218.25	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,595.47	3/4	3,804.94	3/4	4,014.04	3/4	4,222.59	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 6'-07"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,101	0	2,203	0	3,304	0	4,406	0	5,507	0		0		0		0	
1/4	23	1/4	1,124	1/4	2,226	1/4	3,327	1/4	4,429	1/4	5,530	1/4		1/4		1/4		1/4	
1/2	46	1/2	1,147	1/2	2,249	1/2	3,350	1/2	4,452	1/2	5,553	1/2		1/2		1/2		1/2	
3/4	69	3/4	1,170	3/4	2,272	3/4	3,373	3/4	4,475	3/4		3/4		3/4		3/4		3/4	
1	92	1	1,193	1	2,295	1	3,396	1	4,498	1		1		1		1		1	
1/4	115	1/4	1,216	1/4	2,318	1/4	3,419	1/4	4,521	1/4		1/4		1/4		1/4		1/4	
1/2	138	1/2	1,239	1/2	2,341	1/2	3,442	1/2	4,544	1/2		1/2		1/2		1/2		1/2	
3/4	161	3/4	1,262	3/4	2,364	3/4	3,465	3/4	4,567	3/4		3/4		3/4		3/4		3/4	
2	184	2	1,285	2	2,387	2	3,488	2	4,589	2		2		2		2		2	
1/4	207	1/4	1,308	1/4	2,409	1/4	3,511	1/4	4,612	1/4		1/4		1/4		1/4		1/4	
1/2	229	1/2	1,331	1/2	2,432	1/2	3,534	1/2	4,635	1/2		1/2		1/2		1/2		1/2	
3/4	252	3/4	1,354	3/4	2,455	3/4	3,557	3/4	4,658	3/4		3/4		3/4		3/4		3/4	
3	275	3	1,377	3	2,478	3	3,580	3	4,681	3		3		3		3		3	
1/4	298	1/4	1,400	1/4	2,501	1/4	3,603	1/4	4,704	1/4		1/4		1/4		1/4		1/4	
1/2	321	1/2	1,423	1/2	2,524	1/2	3,626	1/2	4,727	1/2		1/2		1/2		1/2		1/2	
3/4	344	3/4	1,446	3/4	2,547	3/4	3,649	3/4	4,750	3/4		3/4		3/4		3/4		3/4	
4	367	4	1,469	4	2,570	4	3,672	4	4,773	4		4		4		4		4	
1/4	390	1/4	1,492	1/4	2,593	1/4	3,695	1/4	4,796	1/4		1/4		1/4		1/4		1/4	
1/2	413	1/2	1,515	1/2	2,616	1/2	3,717	1/2	4,819	1/2		1/2		1/2		1/2		1/2	
3/4	436	3/4	1,537	3/4	2,639	3/4	3,740	3/4	4,842	3/4		3/4		3/4		3/4		3/4	
5	459	5	1,560	5	2,662	5	3,763	5	4,865	5		5		5		5		5	
1/4	482	1/4	1,583	1/4	2,685	1/4	3,786	1/4	4,888	1/4		1/4		1/4		1/4		1/4	
1/2	505	1/2	1,606	1/2	2,708	1/2	3,809	1/2	4,911	1/2		1/2		1/2		1/2		1/2	
3/4	528	3/4	1,629	3/4	2,731	3/4	3,832	3/4	4,934	3/4		3/4		3/4		3/4		3/4	
6	551	6	1,652	6	2,754	6	3,855	6	4,957	6		6		6		6		6	
1/4	574	1/4	1,675	1/4	2,777	1/4	3,878	1/4	4,980	1/4		1/4		1/4		1/4		1/4	
1/2	597	1/2	1,698	1/2	2,800	1/2	3,901	1/2	5,003	1/2		1/2		1/2		1/2		1/2	
3/4	620	3/4	1,721	3/4	2,823	3/4	3,924	3/4	5,025	3/4		3/4		3/4		3/4		3/4	
7	643	7	1,744	7	2,845	7	3,947	7	5,048	7		7		7		7		7	
1/4	665	1/4	1,767	1/4	2,868	1/4	3,970	1/4	5,071	1/4		1/4		1/4		1/4		1/4	
1/2	688	1/2	1,790	1/2	2,891	1/2	3,993	1/2	5,094	1/2		1/2		1/2		1/2		1/2	
3/4	711	3/4	1,813	3/4	2,914	3/4	4,016	3/4	5,117	3/4		3/4		3/4		3/4		3/4	
8	734	8	1,836	8	2,937	8	4,039	8	5,140	8		8		8		8		8	
1/4	757	1/4	1,859	1/4	2,960	1/4	4,062	1/4	5,163	1/4		1/4		1/4		1/4		1/4	
1/2	780	1/2	1,882	1/2	2,983	1/2	4,085	1/2	5,186	1/2		1/2		1/2		1/2		1/2	
3/4	803	3/4	1,905	3/4	3,006	3/4	4,108	3/4	5,209	3/4		3/4		3/4		3/4		3/4	
9	826	9	1,928	9	3,029	9	4,131	9	5,232	9		9		9		9		9	
1/4	849	1/4	1,951	1/4	3,052	1/4	4,153	1/4	5,255	1/4		1/4		1/4		1/4		1/4	
1/2	872	1/2	1,973	1/2	3,075	1/2	4,176	1/2	5,278	1/2		1/2		1/2		1/2		1/2	
3/4	895	3/4	1,996	3/4	3,098	3/4	4,199	3/4	5,301	3/4		3/4		3/4		3/4		3/4	
10	918	10	2,019	10	3,121	10	4,222	10	5,324	10		10		10		10		10	
1/4	941	1/4	2,042	1/4	3,144	1/4	4,245	1/4	5,347	1/4		1/4		1/4		1/4		1/4	
1/2	964	1/2	2,065	1/2	3,167	1/2	4,268	1/2	5,370	1/2		1/2		1/2		1/2		1/2	
3/4	987	3/4	2,088	3/4	3,190	3/4	4,291	3/4	5,393	3/4		3/4		3/4		3/4		3/4	
11	1,010	11	2,111	11	3,213	11	4,314	11	5,416	11		11		11		11		11	
1/4	1,033	1/4	2,134	1/4	3,236	1/4	4,337	1/4	5,439	1/4		1/4		1/4		1/4		1/4	
1/2	1,056	1/2	2,157	1/2	3,259	1/2	4,360	1/2	5,461	1/2		1/2		1/2		1/2		1/2	
3/4	1,079	3/4	2,180	3/4	3,281	3/4	4,383	3/4	5,484	3/4		3/4		3/4		3/4		3/4	

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 INNAGE GAUGES TAKEN TO 2" DIAMETER "HERMETIC" VALVE

STRAPPED: 08/15/2019 CL  
 CALCULATED: 08/16/2019 CL  
 PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 6'-07"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,100	0	2,201	0	3,301	0	4,402	0	5,502	0		0		0		0	
1/4	23	1/4	1,123	1/4	2,224	1/4	3,324	1/4	4,425	1/4	5,525	1/4		1/4		1/4		1/4	
1/2	46	1/2	1,146	1/2	2,247	1/2	3,347	1/2	4,448	1/2	5,548	1/2		1/2		1/2		1/2	
3/4	69	3/4	1,169	3/4	2,270	3/4	3,370	3/4	4,471	3/4		3/4		3/4		3/4		3/4	
1	92	1	1,192	1	2,293	1	3,393	1	4,494	1		1		1		1		1	
1/4	115	1/4	1,215	1/4	2,316	1/4	3,416	1/4	4,516	1/4		1/4		1/4		1/4		1/4	
1/2	138	1/2	1,238	1/2	2,338	1/2	3,439	1/2	4,539	1/2		1/2		1/2		1/2		1/2	
3/4	160	3/4	1,261	3/4	2,361	3/4	3,462	3/4	4,562	3/4		3/4		3/4		3/4		3/4	
2	183	2	1,284	2	2,384	2	3,485	2	4,585	2		2		2		2		2	
1/4	206	1/4	1,307	1/4	2,407	1/4	3,508	1/4	4,608	1/4		1/4		1/4		1/4		1/4	
1/2	229	1/2	1,330	1/2	2,430	1/2	3,531	1/2	4,631	1/2		1/2		1/2		1/2		1/2	
3/4	252	3/4	1,353	3/4	2,453	3/4	3,554	3/4	4,654	3/4		3/4		3/4		3/4		3/4	
3	275	3	1,376	3	2,476	3	3,576	3	4,677	3		3		3		3		3	
1/4	298	1/4	1,398	1/4	2,499	1/4	3,599	1/4	4,700	1/4		1/4		1/4		1/4		1/4	
1/2	321	1/2	1,421	1/2	2,522	1/2	3,622	1/2	4,723	1/2		1/2		1/2		1/2		1/2	
3/4	344	3/4	1,444	3/4	2,545	3/4	3,645	3/4	4,746	3/4		3/4		3/4		3/4		3/4	
4	367	4	1,467	4	2,568	4	3,668	4	4,769	4		4		4		4		4	
1/4	390	1/4	1,490	1/4	2,591	1/4	3,691	1/4	4,792	1/4		1/4		1/4		1/4		1/4	
1/2	413	1/2	1,513	1/2	2,614	1/2	3,714	1/2	4,814	1/2		1/2		1/2		1/2		1/2	
3/4	436	3/4	1,536	3/4	2,637	3/4	3,737	3/4	4,837	3/4		3/4		3/4		3/4		3/4	
5	459	5	1,559	5	2,659	5	3,760	5	4,860	5		5		5		5		5	
1/4	481	1/4	1,582	1/4	2,682	1/4	3,783	1/4	4,883	1/4		1/4		1/4		1/4		1/4	
1/2	504	1/2	1,605	1/2	2,705	1/2	3,806	1/2	4,906	1/2		1/2		1/2		1/2		1/2	
3/4	527	3/4	1,628	3/4	2,728	3/4	3,829	3/4	4,929	3/4		3/4		3/4		3/4		3/4	
6	550	6	1,651	6	2,751	6	3,852	6	4,952	6		6		6		6		6	
1/4	573	1/4	1,674	1/4	2,774	1/4	3,875	1/4	4,975	1/4		1/4		1/4		1/4		1/4	
1/2	596	1/2	1,697	1/2	2,797	1/2	3,897	1/2	4,998	1/2		1/2		1/2		1/2		1/2	
3/4	619	3/4	1,719	3/4	2,820	3/4	3,920	3/4	5,021	3/4		3/4		3/4		3/4		3/4	
7	642	7	1,742	7	2,843	7	3,943	7	5,044	7		7		7		7		7	
1/4	665	1/4	1,765	1/4	2,866	1/4	3,966	1/4	5,067	1/4		1/4		1/4		1/4		1/4	
1/2	688	1/2	1,788	1/2	2,889	1/2	3,989	1/2	5,090	1/2		1/2		1/2		1/2		1/2	
3/4	711	3/4	1,811	3/4	2,912	3/4	4,012	3/4	5,113	3/4		3/4		3/4		3/4		3/4	
8	734	8	1,834	8	2,935	8	4,035	8	5,135	8		8		8		8		8	
1/4	757	1/4	1,857	1/4	2,957	1/4	4,058	1/4	5,158	1/4		1/4		1/4		1/4		1/4	
1/2	779	1/2	1,880	1/2	2,980	1/2	4,081	1/2	5,181	1/2		1/2		1/2		1/2		1/2	
3/4	802	3/4	1,903	3/4	3,003	3/4	4,104	3/4	5,204	3/4		3/4		3/4		3/4		3/4	
9	825	9	1,926	9	3,026	9	4,127	9	5,227	9		9		9		9		9	
1/4	848	1/4	1,949	1/4	3,049	1/4	4,150	1/4	5,250	1/4		1/4		1/4		1/4		1/4	
1/2	871	1/2	1,972	1/2	3,072	1/2	4,173	1/2	5,273	1/2		1/2		1/2		1/2		1/2	
3/4	894	3/4	1,995	3/4	3,095	3/4	4,195	3/4	5,296	3/4		3/4		3/4		3/4		3/4	
10	917	10	2,017	10	3,118	10	4,218	10	5,319	10		10		10		10		10	
1/4	940	1/4	2,040	1/4	3,141	1/4	4,241	1/4	5,342	1/4		1/4		1/4		1/4		1/4	
1/2	963	1/2	2,063	1/2	3,164	1/2	4,264	1/2	5,365	1/2		1/2		1/2		1/2		1/2	
3/4	986	3/4	2,086	3/4	3,187	3/4	4,287	3/4	5,388	3/4		3/4		3/4		3/4		3/4	
11	1,009	11	2,109	11	3,210	11	4,310	11	5,411	11		11		11		11		11	
1/4	1,032	1/4	2,132	1/4	3,233	1/4	4,333	1/4	5,433	1/4		1/4		1/4		1/4		1/4	
1/2	1,055	1/2	2,155	1/2	3,256	1/2	4,356	1/2	5,456	1/2		1/2		1/2		1/2		1/2	
3/4	1,078	3/4	2,178	3/4	3,278	3/4	4,379	3/4	5,479	3/4		3/4		3/4		3/4		3/4	

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 INNAGE GAUGES TAKEN TO 2" DIAMETER "HERMETIC" VALVE

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## FUEL TANK INNAGE TABLE

### 8" HATCH

#### GAUGE HEIGHT 4'- 03 1/2"

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	101	0	259	0	416	0	517	0		0		0		0		0	
1/4	1	1/4	104	1/4	262	1/4	419	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1	1/2	107	1/2	265	1/2	422	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2	3/4	110	3/4	269	3/4	425	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	113	1	272	1	428	1		1		1		1		1		1	
1/4	4	1/4	116	1/4	276	1/4	430	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5	1/2	119	1/2	279	1/2	433	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6	3/4	122	3/4	282	3/4	436	3/4		3/4		3/4		3/4		3/4		3/4	
2	7	2	125	2	286	2	439	2		2		2		2		2		2	
1/4	9	1/4	129	1/4	289	1/4	442	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	10	1/2	132	1/2	293	1/2	444	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	135	3/4	296	3/4	447	3/4		3/4		3/4		3/4		3/4		3/4	
3	13	3	138	3	300	3	450	3		3		3		3		3		3	
1/4	15	1/4	141	1/4	303	1/4	453	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	17	1/2	144	1/2	306	1/2	455	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	19	3/4	148	3/4	310	3/4	458	3/4		3/4		3/4		3/4		3/4		3/4	
4	21	4	151	4	313	4	460	4		4		4		4		4		4	
1/4	23	1/4	154	1/4	316	1/4	463	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	25	1/2	157	1/2	320	1/2	465	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	161	3/4	323	3/4	468	3/4		3/4		3/4		3/4		3/4		3/4	
5	29	5	164	5	327	5	470	5		5		5		5		5		5	
1/4	31	1/4	167	1/4	330	1/4	473	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	33	1/2	170	1/2	333	1/2	475	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	35	3/4	174	3/4	337	3/4	477	3/4		3/4		3/4		3/4		3/4		3/4	
6	37	6	177	6	340	6	480	6		6		6		6		6		6	
1/4	40	1/4	180	1/4	343	1/4	482	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	42	1/2	184	1/2	347	1/2	484	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	187	3/4	350	3/4	486	3/4		3/4		3/4		3/4		3/4		3/4	
7	47	7	190	7	353	7	488	7		7		7		7		7		7	
1/4	49	1/4	194	1/4	356	1/4	490	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52	1/2	197	1/2	360	1/2	492	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	54	3/4	201	3/4	363	3/4	494	3/4		3/4		3/4		3/4		3/4		3/4	
8	57	8	204	8	366	8	496	8		8		8		8		8		8	
1/4	59	1/4	207	1/4	369	1/4	498	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	211	1/2	373	1/2	500	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	64	3/4	214	3/4	376	3/4	502	3/4		3/4		3/4		3/4		3/4		3/4	
9	67	9	217	9	379	9	504	9		9		9		9		9		9	
1/4	70	1/4	221	1/4	382	1/4	505	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	73	1/2	224	1/2	385	1/2	507	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75	3/4	228	3/4	388	3/4	508	3/4		3/4		3/4		3/4		3/4		3/4	
10	78	10	231	10	392	10	510	10		10		10		10		10		10	
1/4	81	1/4	235	1/4	395	1/4	511	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	84	1/2	238	1/2	398	1/2	512	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	87	3/4	241	3/4	401	3/4	513	3/4		3/4		3/4		3/4		3/4		3/4	
11	89	11	245	11	404	11	514	11		11		11		11		11		11	
1/4	92	1/4	248	1/4	407	1/4	515	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	95	1/2	252	1/2	410	1/2	516	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	98	3/4	255	3/4	413	3/4	516	3/4		3/4		3/4		3/4		3/4		3/4	

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

STRAPPED: 08/15/2019 CL  
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Pearland, Texas 77588  
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# BARGE "FMT 3306"

ULLAGE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8
3 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 6'-00"  
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

August 16, 2019

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

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# BARGE "FMT 3306"

## 1 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	4,876.70	0	4,535.78	0	4,194.24	0	3,851.39	0	3,508.57	0	3,165.81	0	2,823.02	0	2,480.16
1/4		1/4		1/4	4,869.63	1/4	4,528.67	1/4	4,187.09	1/4	3,844.24	1/4	3,501.43	1/4	3,158.67	1/4	2,815.87	1/4	2,473.02
1/2		1/2		1/2	4,862.57	1/2	4,521.56	1/2	4,179.95	1/2	3,837.10	1/2	3,494.29	1/2	3,151.53	1/2	2,808.73	1/2	2,465.87
3/4		3/4		3/4	4,855.50	3/4	4,514.45	3/4	4,172.81	3/4	3,829.96	3/4	3,487.15	3/4	3,144.39	3/4	2,801.59	3/4	2,458.73
1	1	1	1	1	4,848.44	1	4,507.34	1	4,165.66	1	3,822.81	1	3,480.01	1	3,137.25	1	2,794.44	1	2,451.59
1/4		1/4		1/4	4,841.37	1/4	4,500.23	1/4	4,158.52	1/4	3,815.67	1/4	3,472.86	1/4	3,130.11	1/4	2,787.30	1/4	2,444.44
1/2		1/2		1/2	4,834.31	1/2	4,493.12	1/2	4,151.38	1/2	3,808.53	1/2	3,465.72	1/2	3,122.97	1/2	2,780.16	1/2	2,437.30
3/4		3/4		3/4	4,827.24	3/4	4,486.01	3/4	4,144.24	3/4	3,801.39	3/4	3,458.58	3/4	3,115.83	3/4	2,773.02	3/4	2,430.16
2	2	2	2	2	4,820.18	2	4,478.90	2	4,137.09	2	3,794.24	2	3,451.44	2	3,108.69	2	2,765.87	2	2,423.02
1/4		1/4		1/4	4,813.07	1/4	4,471.79	1/4	4,129.95	1/4	3,787.10	1/4	3,444.30	1/4	3,101.55	1/4	2,758.73	1/4	2,415.87
1/2		1/2		1/2	4,805.96	1/2	4,464.68	1/2	4,122.81	1/2	3,779.96	1/2	3,437.16	1/2	3,094.41	1/2	2,751.59	1/2	2,408.73
3/4		3/4		3/4	4,798.85	3/4	4,457.57	3/4	4,115.67	3/4	3,772.82	3/4	3,430.02	3/4	3,087.27	3/4	2,744.45	3/4	2,401.59
3	3	3	3	3	4,791.74	3	4,450.46	3	4,108.52	3	3,765.67	3	3,422.88	3	3,080.13	3	2,737.30	3	2,394.44
1/4		1/4		1/4	4,784.63	1/4	4,443.35	1/4	4,101.38	1/4	3,758.53	1/4	3,415.74	1/4	3,072.99	1/4	2,730.16	1/4	2,387.30
1/2		1/2		1/2	4,777.52	1/2	4,436.24	1/2	4,094.24	1/2	3,751.39	1/2	3,408.60	1/2	3,065.84	1/2	2,723.02	1/2	2,380.16
3/4		3/4		3/4	4,770.41	3/4	4,429.13	3/4	4,087.09	3/4	3,744.25	3/4	3,401.46	3/4	3,058.70	3/4	2,715.88	3/4	2,373.01
4	4	4	4	4	4,763.30	4	4,422.02	4	4,079.95	4	3,737.10	4	3,394.32	4	3,051.56	4	2,708.73	4	2,365.87
1/4		1/4		1/4	4,756.19	1/4	4,414.91	1/4	4,072.81	1/4	3,729.96	1/4	3,387.18	1/4	3,044.42	1/4	2,701.59	1/4	2,358.73
1/2		1/2		1/2	4,749.08	1/2	4,407.80	1/2	4,065.67	1/2	3,722.82	1/2	3,380.04	1/2	3,037.28	1/2	2,694.45	1/2	2,351.58
3/4		3/4		3/4	4,741.97	3/4	4,400.69	3/4	4,058.52	3/4	3,715.67	3/4	3,372.89	3/4	3,030.14	3/4	2,687.31	3/4	2,344.44
5	5	5	5	5	4,734.86	5	4,393.58	5	4,051.38	5	3,708.53	5	3,365.75	5	3,023.00	5	2,680.16	5	2,337.30
1/4		1/4		1/4	4,727.75	1/4	4,386.47	1/4	4,044.24	1/4	3,701.39	1/4	3,358.61	1/4	3,015.86	1/4	2,673.02	1/4	2,330.16
1/2		1/2		1/2	4,720.64	1/2	4,379.36	1/2	4,037.10	1/2	3,694.25	1/2	3,351.47	1/2	3,008.72	1/2	2,665.88	1/2	2,323.01
3/4		3/4		3/4	4,713.53	3/4	4,372.25	3/4	4,029.95	3/4	3,687.10	3/4	3,344.33	3/4	3,001.58	3/4	2,658.74	3/4	2,315.87
6	6	5,020.93	6	4,706.42	6	4,365.14	6	4,022.81	6	3,679.96	6	3,337.19	6	2,994.44	6	2,651.59	6	2,308.73	
1/4		1/4	5,017.14	1/4	4,699.31	1/4	4,358.03	1/4	4,015.67	1/4	3,672.82	1/4	3,330.05	1/4	2,987.29	1/4	2,644.45	1/4	2,301.58
1/2		1/2	5,013.35	1/2	4,692.20	1/2	4,350.92	1/2	4,008.52	1/2	3,665.68	1/2	3,322.91	1/2	2,980.15	1/2	2,637.31	1/2	2,294.44
3/4		3/4	5,009.55	3/4	4,685.09	3/4	4,343.81	3/4	4,001.38	3/4	3,658.53	3/4	3,315.77	3/4	2,973.01	3/4	2,630.16	3/4	2,287.30
7	7	5,005.76	7	4,677.98	7	4,336.70	7	3,994.24	7	3,651.39	7	3,308.63	7	2,965.87	7	2,623.02	7	2,280.15	
1/4		1/4	5,000.78	1/4	4,670.87	1/4	4,329.59	1/4	3,987.10	1/4	3,644.25	1/4	3,301.49	1/4	2,958.72	1/4	2,615.88	1/4	2,273.01
1/2		1/2	4,995.80	1/2	4,663.76	1/2	4,322.48	1/2	3,979.95	1/2	3,637.10	1/2	3,294.35	1/2	2,951.58	1/2	2,608.74	1/2	2,265.87
3/4		3/4	4,990.82	3/4	4,656.65	3/4	4,315.37	3/4	3,972.81	3/4	3,629.96	3/4	3,287.21	3/4	2,944.44	3/4	2,601.59	3/4	2,258.72
8	8	4,985.84	8	4,649.54	8	4,308.26	8	3,965.67	8	3,622.82	8	3,280.07	8	2,937.30	8	2,594.45	8	2,251.58	
1/4		1/4	4,979.66	1/4	4,642.43	1/4	4,301.15	1/4	3,958.53	1/4	3,615.68	1/4	3,272.92	1/4	2,930.15	1/4	2,587.31	1/4	2,244.44
1/2		1/2	4,973.49	1/2	4,635.32	1/2	4,294.04	1/2	3,951.38	1/2	3,608.54	1/2	3,265.78	1/2	2,923.01	1/2	2,580.16	1/2	2,237.29
3/4		3/4	4,967.32	3/4	4,628.21	3/4	4,286.93	3/4	3,944.24	3/4	3,601.40	3/4	3,258.64	3/4	2,915.87	3/4	2,573.02	3/4	2,230.15
9	9	4,961.15	9	4,621.10	9	4,279.82	9	3,937.10	9	3,594.26	9	3,251.50	9	2,908.73	9	2,565.88	9	2,223.01	
1/4		1/4	4,954.15	1/4	4,613.99	1/4	4,272.71	1/4	3,929.96	1/4	3,587.12	1/4	3,244.36	1/4	2,901.58	1/4	2,558.73	1/4	2,215.87
1/2		1/2	4,947.15	1/2	4,606.88	1/2	4,265.60	1/2	3,922.81	1/2	3,579.97	1/2	3,237.22	1/2	2,894.44	1/2	2,551.59	1/2	2,208.72
3/4		3/4	4,940.16	3/4	4,599.77	3/4	4,258.49	3/4	3,915.67	3/4	3,572.83	3/4	3,230.08	3/4	2,887.30	3/4	2,544.45	3/4	2,201.58
10	10	4,933.16	10	4,592.66	10	4,251.38	10	3,908.53	10	3,565.69	10	3,222.94	10	2,880.16	10	2,537.31	10	2,194.44	
1/4		1/4	4,926.11	1/4	4,585.55	1/4	4,244.23	1/4	3,901.38	1/4	3,558.55	1/4	3,215.80	1/4	2,873.01	1/4	2,530.16	1/4	2,187.29
1/2		1/2	4,919.06	1/2	4,578.44	1/2	4,237.09	1/2	3,894.24	1/2	3,551.41	1/2	3,208.66	1/2	2,865.87	1/2	2,523.02	1/2	2,180.15
3/4		3/4	4,912.01	3/4	4,571.33	3/4	4,229.95	3/4	3,887.10	3/4	3,544.27	3/4	3,201.52	3/4	2,858.73	3/4	2,515.88	3/4	2,173.01
11	11	4,904.96	11	4,564.22	11	4,222.81	11	3,879.96	11	3,537.13	11	3,194.38	11	2,851.59	11	2,508.73	11	2,165.86	
1/4		1/4	4,897.89	1/4	4,557.11	1/4	4,215.66	1/4	3,872.81	1/4	3,529.99	1/4	3,187.24	1/4	2,844.44	1/4	2,501.59	1/4	2,158.72
1/2		1/2	4,890.83	1/2	4,550.00	1/2	4,208.52	1/2	3,865.67	1/2	3,522.85	1/2	3,180.10	1/2	2,837.30	1/2	2,494.45	1/2	2,151.58
3/4		3/4	4,883.76	3/4	4,542.89	3/4	4,201.38	3/4	3,858.53	3/4	3,515.71	3/4	3,172.96	3/4	2,830.16	3/4	2,487.30	3/4	2,144.43

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 TO TOP LIP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "FMT 3306"

## 1 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,137.29	0	1,794.42	0	1,451.55	0	1,108.69	0	768.31	0	426.30	0	115.48	0		0		0	
1/4	2,130.15	1/4	1,787.28	1/4	1,444.41	1/4	1,101.54	1/4	761.20	1/4	419.36	1/4	109.55	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,123.01	1/2	1,780.14	1/2	1,437.27	1/2	1,094.40	1/2	754.09	1/2	412.43	1/2	103.62	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,115.86	3/4	1,772.99	3/4	1,430.12	3/4	1,087.26	3/4	746.98	3/4	405.49	3/4	97.69	3/4	3/4	3/4	3/4	3/4	3/4
1	2,108.72	1	1,765.85	1	1,422.98	1	1,080.11	1	739.87	1	398.56	1	91.76	1	1	1	1	1	1
1/4	2,101.58	1/4	1,758.71	1/4	1,415.84	1/4	1,073.00	1/4	732.73	1/4	391.71	1/4	85.92	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,094.43	1/2	1,751.56	1/2	1,408.70	1/2	1,065.89	1/2	725.58	1/2	384.86	1/2	80.08	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,087.29	3/4	1,744.42	3/4	1,401.55	3/4	1,058.79	3/4	718.44	3/4	378.01	3/4	74.24	3/4	3/4	3/4	3/4	3/4	3/4
2	2,080.15	2	1,737.28	2	1,394.41	2	1,051.68	2	711.30	2	371.15	2	68.40	2	2	2	2	2	2
1/4	2,073.00	1/4	1,730.13	1/4	1,387.27	1/4	1,044.59	1/4	704.16	1/4	364.39	1/4	62.67	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,065.86	1/2	1,722.99	1/2	1,380.12	1/2	1,037.50	1/2	697.01	1/2	357.62	1/2	56.94	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,058.72	3/4	1,715.85	3/4	1,372.98	3/4	1,030.40	3/4	689.87	3/4	350.85	3/4	51.21	3/4	3/4	3/4	3/4	3/4	3/4
3	2,051.57	3	1,708.71	3	1,365.84	3	1,023.31	3	682.73	3	344.08	3	45.48	3	3	3	3	3	3
1/4	2,044.43	1/4	1,701.56	1/4	1,358.69	1/4	1,016.23	1/4	675.59	1/4	337.40	1/4	40.70	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,037.29	1/2	1,694.42	1/2	1,351.55	1/2	1,009.15	1/2	668.44	1/2	330.72	1/2	35.91	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,030.15	3/4	1,687.28	3/4	1,344.41	3/4	1,002.07	3/4	661.30	3/4	324.03	3/4	31.12	3/4	3/4	3/4	3/4	3/4	3/4
4	2,023.00	4	1,680.13	4	1,337.26	4	994.98	4	654.16	4	317.35	4	26.33	4	4	4	4	4	4
1/4	2,015.86	1/4	1,672.99	1/4	1,330.12	1/4	987.90	1/4	647.01	1/4	310.75	1/4	23.41	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,008.72	1/2	1,665.85	1/2	1,322.98	1/2	980.82	1/2	639.87	1/2	304.15	1/2	20.49	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,001.57	3/4	1,658.70	3/4	1,315.84	3/4	973.74	3/4	632.73	3/4	297.55	3/4	17.57	3/4	3/4	3/4	3/4	3/4	3/4
5	1,994.43	5	1,651.56	5	1,308.69	5	966.65	5	625.59	5	290.95	5	14.65	5	5	5	5	5	5
1/4	1,987.29	1/4	1,644.42	1/4	1,301.55	1/4	959.57	1/4	618.44	1/4	284.43	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,980.14	1/2	1,637.27	1/2	1,294.41	1/2	952.49	1/2	611.30	1/2	277.91	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,973.00	3/4	1,630.13	3/4	1,287.26	3/4	945.40	3/4	604.16	3/4	271.40	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	1,965.86	6	1,622.99	6	1,280.12	6	938.32	6	597.01	6	264.88	6		6	6	6	6	6	6
1/4	1,958.71	1/4	1,615.85	1/4	1,272.98	1/4	931.24	1/4	589.87	1/4	258.45	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,951.57	1/2	1,608.70	1/2	1,265.83	1/2	924.16	1/2	582.73	1/2	252.01	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,944.43	3/4	1,601.56	3/4	1,258.69	3/4	917.07	3/4	575.59	3/4	245.58	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,937.28	7	1,594.42	7	1,251.55	7	909.99	7	568.44	7	239.15	7		7	7	7	7	7	7
1/4	1,930.14	1/4	1,587.27	1/4	1,244.40	1/4	902.91	1/4	561.30	1/4	232.80	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,923.00	1/2	1,580.13	1/2	1,237.26	1/2	895.83	1/2	554.16	1/2	226.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,915.86	3/4	1,572.99	3/4	1,230.12	3/4	888.74	3/4	547.01	3/4	220.10	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,908.71	8	1,565.84	8	1,222.97	8	881.66	8	539.87	8	213.75	8		8	8	8	8	8	8
1/4	1,901.57	1/4	1,558.70	1/4	1,215.83	1/4	874.58	1/4	532.73	1/4	207.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,894.43	1/2	1,551.56	1/2	1,208.69	1/2	867.49	1/2	525.59	1/2	201.21	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,887.28	3/4	1,544.41	3/4	1,201.55	3/4	860.41	3/4	518.44	3/4	194.95	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,880.14	9	1,537.27	9	1,194.40	9	853.33	9	511.30	9	188.68	9		9	9	9	9	9	9
1/4	1,873.00	1/4	1,530.13	1/4	1,187.26	1/4	846.25	1/4	504.16	1/4	182.50	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,865.85	1/2	1,522.98	1/2	1,180.12	1/2	839.16	1/2	497.02	1/2	176.31	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,858.71	3/4	1,515.84	3/4	1,172.97	3/4	832.08	3/4	489.87	3/4	170.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,851.57	10	1,508.70	10	1,165.83	10	825.00	10	482.73	10	163.95	10		10	10	10	10	10	10
1/4	1,844.42	1/4	1,501.56	1/4	1,158.69	1/4	817.92	1/4	475.63	1/4	157.85	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,837.28	1/2	1,494.41	1/2	1,151.54	1/2	810.83	1/2	468.54	1/2	151.75	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,830.14	3/4	1,487.27	3/4	1,144.40	3/4	803.75	3/4	461.44	3/4	145.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,823.00	11	1,480.13	11	1,137.26	11	796.67	11	454.35	11	139.55	11		11	11	11	11	11	11
1/4	1,815.85	1/4	1,472.98	1/4	1,130.11	1/4	789.58	1/4	447.33	1/4	133.53	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,808.71	1/2	1,465.84	1/2	1,122.97	1/2	782.49	1/2	440.32	1/2	127.52	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,801.57	3/4	1,458.70	3/4	1,115.83	3/4	775.40	3/4	433.31	3/4	121.50	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## 1 STBD ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	4,873.59	0	4,533.05	0	4,191.89	0	3,849.43	0	3,506.99	0	3,164.62	0	2,822.20	0	2,479.73
1/4	1/4	1/4	1/4	1/4	4,866.54	1/4	4,525.95	1/4	4,184.75	1/4	3,842.29	1/4	3,499.86	1/4	3,157.49	1/4	2,815.07	1/4	2,472.60
1/2	1/2	1/2	1/2	1/2	4,859.48	1/2	4,518.85	1/2	4,177.62	1/2	3,835.16	1/2	3,492.73	1/2	3,150.35	1/2	2,807.94	1/2	2,465.46
3/4	3/4	3/4	3/4	3/4	4,852.42	3/4	4,511.75	3/4	4,170.48	3/4	3,828.02	3/4	3,485.60	3/4	3,143.22	3/4	2,800.80	3/4	2,458.33
1	1	1	1	1	4,845.37	1	4,504.64	1	4,163.35	1	3,820.89	1	3,478.46	1	3,136.09	1	2,793.67	1	2,451.19
1/4	1/4	1/4	1/4	1/4	4,838.31	1/4	4,497.54	1/4	4,156.21	1/4	3,813.75	1/4	3,471.33	1/4	3,128.96	1/4	2,786.53	1/4	2,444.06
1/2	1/2	1/2	1/2	1/2	4,831.25	1/2	4,490.44	1/2	4,149.08	1/2	3,806.62	1/2	3,464.20	1/2	3,121.82	1/2	2,779.40	1/2	2,436.92
3/4	3/4	3/4	3/4	3/4	4,824.20	3/4	4,483.34	3/4	4,141.94	3/4	3,799.48	3/4	3,457.06	3/4	3,114.69	3/4	2,772.26	3/4	2,429.79
2	2	2	2	2	4,817.14	2	4,476.23	2	4,134.81	2	3,792.35	2	3,449.93	2	3,107.56	2	2,765.13	2	2,422.65
1/4	1/4	1/4	1/4	1/4	4,810.04	1/4	4,469.13	1/4	4,127.68	1/4	3,785.21	1/4	3,442.80	1/4	3,100.42	1/4	2,757.99	1/4	2,415.52
1/2	1/2	1/2	1/2	1/2	4,802.94	1/2	4,462.03	1/2	4,120.54	1/2	3,778.08	1/2	3,435.67	1/2	3,093.29	1/2	2,750.86	1/2	2,408.38
3/4	3/4	3/4	3/4	3/4	4,795.83	3/4	4,454.93	3/4	4,113.41	3/4	3,770.95	3/4	3,428.53	3/4	3,086.16	3/4	2,743.72	3/4	2,401.25
3	3	3	3	3	4,788.73	3	4,447.83	3	4,106.27	3	3,763.81	3	3,421.40	3	3,079.03	3	2,736.59	3	2,394.11
1/4	1/4	1/4	1/4	1/4	4,781.63	1/4	4,440.72	1/4	4,099.14	1/4	3,756.68	1/4	3,414.27	1/4	3,071.89	1/4	2,729.46	1/4	2,386.98
1/2	1/2	1/2	1/2	1/2	4,774.53	1/2	4,433.62	1/2	4,092.00	1/2	3,749.54	1/2	3,407.13	1/2	3,064.76	1/2	2,722.32	1/2	2,379.84
3/4	3/4	3/4	3/4	3/4	4,767.42	3/4	4,426.52	3/4	4,084.87	3/4	3,742.41	3/4	3,400.00	3/4	3,057.63	3/4	2,715.19	3/4	2,372.71
4	4	4	4	4	4,760.32	4	4,419.42	4	4,077.73	4	3,735.27	4	3,392.87	4	3,050.49	4	2,708.05	4	2,365.57
1/4	1/4	1/4	1/4	1/4	4,753.22	1/4	4,412.31	1/4	4,070.60	1/4	3,728.14	1/4	3,385.74	1/4	3,043.36	1/4	2,700.92	1/4	2,358.44
1/2	1/2	1/2	1/2	1/2	4,746.12	1/2	4,405.21	1/2	4,063.46	1/2	3,721.00	1/2	3,378.60	1/2	3,036.23	1/2	2,693.78	1/2	2,351.30
3/4	3/4	3/4	3/4	3/4	4,739.02	3/4	4,398.11	3/4	4,056.33	3/4	3,713.87	3/4	3,371.47	3/4	3,029.10	3/4	2,686.65	3/4	2,344.17
5	5	5	5	5	4,731.91	5	4,391.01	5	4,049.19	5	3,706.73	5	3,364.34	5	3,021.96	5	2,679.51	5	2,337.03
1/4	1/4	1/4	1/4	1/4	4,724.81	1/4	4,383.91	1/4	4,042.06	1/4	3,699.60	1/4	3,357.21	1/4	3,014.83	1/4	2,672.38	1/4	2,329.90
1/2	1/2	1/2	1/2	1/2	4,717.71	1/2	4,376.80	1/2	4,034.93	1/2	3,692.46	1/2	3,350.07	1/2	3,007.70	1/2	2,665.25	1/2	2,322.76
3/4	3/4	3/4	3/4	3/4	4,710.61	3/4	4,369.70	3/4	4,027.79	3/4	3,685.33	3/4	3,342.94	3/4	3,000.57	3/4	2,658.11	3/4	2,315.62
6	6	5,017.66	6	4,703.50	6	4,362.60	6	4,020.66	6	3,678.20	6	3,335.81	6	2,993.43	6	2,650.98	6	2,308.49	
1/4	1/4	5,013.87	1/4	4,696.40	1/4	4,355.50	1/4	4,013.52	1/4	3,671.06	1/4	3,328.67	1/4	2,986.30	1/4	2,643.84	1/4	2,301.35	
1/2	1/2	5,010.08	1/2	4,689.30	1/2	4,348.39	1/2	4,006.39	1/2	3,663.93	1/2	3,321.54	1/2	2,979.16	1/2	2,636.71	1/2	2,294.22	
3/4	3/4	5,006.30	3/4	4,682.20	3/4	4,341.29	3/4	3,999.25	3/4	3,656.79	3/4	3,314.41	3/4	2,972.03	3/4	2,629.57	3/4	2,287.08	
7	7	5,002.51	7	4,675.10	7	4,334.19	7	3,992.12	7	3,649.66	7	3,307.28	7	2,964.89	7	2,622.44	7	2,279.95	
1/4	1/4	4,997.53	1/4	4,667.99	1/4	4,327.09	1/4	3,984.98	1/4	3,642.52	1/4	3,300.14	1/4	2,957.76	1/4	2,615.30	1/4	2,272.81	
1/2	1/2	4,992.56	1/2	4,660.89	1/2	4,319.99	1/2	3,977.85	1/2	3,635.39	1/2	3,293.01	1/2	2,950.63	1/2	2,608.17	1/2	2,265.68	
3/4	3/4	4,987.58	3/4	4,653.79	3/4	4,312.88	3/4	3,970.71	3/4	3,628.25	3/4	3,285.88	3/4	2,943.49	3/4	2,601.03	3/4	2,258.54	
8	8	4,982.60	8	4,646.69	8	4,305.78	8	3,963.58	8	3,621.12	8	3,278.74	8	2,936.36	8	2,593.90	8	2,251.41	
1/4	1/4	4,976.44	1/4	4,639.58	1/4	4,298.68	1/4	3,956.45	1/4	3,613.99	1/4	3,271.61	1/4	2,929.22	1/4	2,586.76	1/4	2,244.27	
1/2	1/2	4,970.27	1/2	4,632.48	1/2	4,291.58	1/2	3,949.31	1/2	3,606.85	1/2	3,264.48	1/2	2,922.09	1/2	2,579.63	1/2	2,237.14	
3/4	3/4	4,964.11	3/4	4,625.38	3/4	4,284.47	3/4	3,942.18	3/4	3,599.72	3/4	3,257.35	3/4	2,914.95	3/4	2,572.49	3/4	2,230.00	
9	9	4,957.94	9	4,618.28	9	4,277.37	9	3,935.04	9	3,592.59	9	3,250.21	9	2,907.82	9	2,565.36	9	2,222.87	
1/4	1/4	4,950.95	1/4	4,611.18	1/4	4,270.27	1/4	3,927.91	1/4	3,585.45	1/4	3,243.08	1/4	2,900.68	1/4	2,558.22	1/4	2,215.73	
1/2	1/2	4,943.97	1/2	4,604.07	1/2	4,263.17	1/2	3,920.77	1/2	3,578.32	1/2	3,235.95	1/2	2,893.55	1/2	2,551.09	1/2	2,208.60	
3/4	3/4	4,936.98	3/4	4,596.97	3/4	4,256.07	3/4	3,913.64	3/4	3,571.19	3/4	3,228.81	3/4	2,886.41	3/4	2,543.95	3/4	2,201.46	
10	10	4,929.99	10	4,589.87	10	4,248.96	10	3,906.50	10	3,564.06	10	3,221.68	10	2,879.28	10	2,536.82	10	2,194.33	
1/4	1/4	4,922.95	1/4	4,582.77	1/4	4,241.83	1/4	3,899.37	1/4	3,556.92	1/4	3,214.55	1/4	2,872.15	1/4	2,529.68	1/4	2,187.19	
1/2	1/2	4,915.90	1/2	4,575.66	1/2	4,234.69	1/2	3,892.23	1/2	3,549.79	1/2	3,207.42	1/2	2,865.01	1/2	2,522.55	1/2	2,180.06	
3/4	3/4	4,908.86	3/4	4,568.56	3/4	4,227.56	3/4	3,885.10	3/4	3,542.66	3/4	3,200.28	3/4	2,857.88	3/4	2,515.41	3/4	2,172.92	
11	11	4,901.82	11	4,561.46	11	4,220.43	11	3,877.96	11	3,535.53	11	3,193.15	11	2,850.74	11	2,508.28	11	2,165.79	
1/4	1/4	4,894.76	1/4	4,554.36	1/4	4,213.29	1/4	3,870.83	1/4	3,528.39	1/4	3,186.02	1/4	2,843.61	1/4	2,501.14	1/4	2,158.65	
1/2	1/2	4,887.71	1/2	4,547.26	1/2	4,206.16	1/2	3,863.70	1/2	3,521.26	1/2	3,178.89	1/2	2,836.47	1/2	2,494.00	1/2	2,151.52	
3/4	3/4	4,880.65	3/4	4,540.15	3/4	4,199.02	3/4	3,856.56	3/4	3,514.13	3/4	3,171.75	3/4	2,829.34	3/4	2,486.87	3/4	2,144.38	

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 TO TOP LIP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

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





# BARGE "FMT 3306"

1 STBD

ULLAGE TABLE  
HERMETIC

GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,137.24	0	1,794.76	0	1,452.27	0	1,109.78	0	767.58	0	425.77	0	115.33						
1/4	2,130.11	1/4	1,787.62	1/4	1,445.13	1/4	1,102.64	1/4	760.44	1/4	418.84	1/4	109.41	1/4		1/4		1/4	
1/2	2,122.97	1/2	1,780.48	1/2	1,438.00	1/2	1,095.51	1/2	753.31	1/2	411.92	1/2	103.48	1/2		1/2		1/2	
3/4	2,115.84	3/4	1,773.35	3/4	1,430.86	3/4	1,088.37	3/4	746.17	3/4	404.99	3/4	97.56	3/4		3/4		3/4	
1	2,108.70	1	1,766.21	1	1,423.72	1	1,081.24	1	739.04	1	398.07	1	91.64	1		1		1	
1/4	2,101.57	1/4	1,759.08	1/4	1,416.59	1/4	1,074.10	1/4	731.90	1/4	391.22	1/4	85.81	1/4		1/4		1/4	
1/2	2,094.43	1/2	1,751.94	1/2	1,409.45	1/2	1,066.96	1/2	724.77	1/2	384.38	1/2	79.97	1/2		1/2		1/2	
3/4	2,087.30	3/4	1,744.81	3/4	1,402.32	3/4	1,059.83	3/4	717.63	3/4	377.54	3/4	74.14	3/4		3/4		3/4	
2	2,080.16	2	1,737.67	2	1,395.18	2	1,052.69	2	710.50	2	370.69	2	68.31	2		2		2	
1/4	2,073.03	1/4	1,730.54	1/4	1,388.05	1/4	1,045.56	1/4	703.37	1/4	363.93	1/4	62.59	1/4		1/4		1/4	
1/2	2,065.89	1/2	1,723.40	1/2	1,380.91	1/2	1,038.43	1/2	696.23	1/2	357.18	1/2	56.87	1/2		1/2		1/2	
3/4	2,058.76	3/4	1,716.27	3/4	1,373.78	3/4	1,031.29	3/4	689.10	3/4	350.42	3/4	51.15	3/4		3/4		3/4	
3	2,051.62	3	1,709.13	3	1,366.64	3	1,024.16	3	681.96	3	343.66	3	45.42	3		3		3	
1/4	2,044.49	1/4	1,702.00	1/4	1,359.51	1/4	1,017.03	1/4	674.83	1/4	336.98	1/4	40.64	1/4		1/4		1/4	
1/2	2,037.35	1/2	1,694.86	1/2	1,352.37	1/2	1,009.90	1/2	667.69	1/2	330.30	1/2	35.86	1/2		1/2		1/2	
3/4	2,030.22	3/4	1,687.73	3/4	1,345.24	3/4	1,002.78	3/4	660.56	3/4	323.63	3/4	31.08	3/4		3/4		3/4	
4	2,023.08	4	1,680.59	4	1,338.10	4	995.65	4	653.42	4	316.95	4	26.30	4		4		4	
1/4	2,015.95	1/4	1,673.46	1/4	1,330.97	1/4	988.52	1/4	646.29	1/4	310.36	1/4	23.38	1/4		1/4		1/4	
1/2	2,008.81	1/2	1,666.32	1/2	1,323.83	1/2	981.40	1/2	639.15	1/2	303.77	1/2	20.47	1/2		1/2		1/2	
3/4	2,001.68	3/4	1,659.19	3/4	1,316.70	3/4	974.27	3/4	632.02	3/4	297.17	3/4	17.55	3/4		3/4		3/4	
5	1,994.54	5	1,652.05	5	1,309.56	5	967.15	5	624.88	5	290.58	5	14.63	5		5		5	
1/4	1,987.41	1/4	1,644.92	1/4	1,302.43	1/4	960.02	1/4	617.75	1/4	284.07	1/4		1/4		1/4		1/4	
1/2	1,980.27	1/2	1,637.78	1/2	1,295.29	1/2	952.89	1/2	610.61	1/2	277.56	1/2		1/2		1/2		1/2	
3/4	1,973.14	3/4	1,630.65	3/4	1,288.16	3/4	945.77	3/4	603.48	3/4	271.05	3/4		3/4		3/4		3/4	
6	1,966.00	6	1,623.51	6	1,281.02	6	938.64	6	596.34	6	264.54	6		6		6		6	
1/4	1,958.86	1/4	1,616.38	1/4	1,273.89	1/4	931.51	1/4	589.21	1/4	258.12	1/4		1/4		1/4		1/4	
1/2	1,951.73	1/2	1,609.24	1/2	1,266.75	1/2	924.39	1/2	582.07	1/2	251.69	1/2		1/2		1/2		1/2	
3/4	1,944.59	3/4	1,602.10	3/4	1,259.62	3/4	917.26	3/4	574.94	3/4	245.27	3/4		3/4		3/4		3/4	
7	1,937.46	7	1,594.97	7	1,252.48	7	910.14	7	567.80	7	238.84	7		7		7		7	
1/4	1,930.32	1/4	1,587.83	1/4	1,245.34	1/4	903.01	1/4	560.67	1/4	232.50	1/4		1/4		1/4		1/4	
1/2	1,923.19	1/2	1,580.70	1/2	1,238.21	1/2	895.88	1/2	553.53	1/2	226.16	1/2		1/2		1/2		1/2	
3/4	1,916.05	3/4	1,573.56	3/4	1,231.07	3/4	888.76	3/4	546.40	3/4	219.81	3/4		3/4		3/4		3/4	
8	1,908.92	8	1,566.43	8	1,223.94	8	881.63	8	539.26	8	213.47	8		8		8		8	
1/4	1,901.78	1/4	1,559.29	1/4	1,216.80	1/4	874.50	1/4	532.13	1/4	207.21	1/4		1/4		1/4		1/4	
1/2	1,894.65	1/2	1,552.16	1/2	1,209.67	1/2	867.38	1/2	524.99	1/2	200.95	1/2		1/2		1/2		1/2	
3/4	1,887.51	3/4	1,545.02	3/4	1,202.53	3/4	860.25	3/4	517.86	3/4	194.70	3/4		3/4		3/4		3/4	
9	1,880.38	9	1,537.89	9	1,195.40	9	853.13	9	510.72	9	188.44	9		9		9		9	
1/4	1,873.24	1/4	1,530.75	1/4	1,188.26	1/4	846.00	1/4	503.59	1/4	182.26	1/4		1/4		1/4		1/4	
1/2	1,866.11	1/2	1,523.62	1/2	1,181.13	1/2	838.87	1/2	496.45	1/2	176.09	1/2		1/2		1/2		1/2	
3/4	1,858.97	3/4	1,516.48	3/4	1,173.99	3/4	831.75	3/4	489.32	3/4	169.91	3/4		3/4		3/4		3/4	
10	1,851.84	10	1,509.35	10	1,166.86	10	824.62	10	482.18	10	163.73	10		10		10		10	
1/4	1,844.70	1/4	1,502.21	1/4	1,159.72	1/4	817.50	1/4	475.09	1/4	157.64	1/4		1/4		1/4		1/4	
1/2	1,837.57	1/2	1,495.08	1/2	1,152.59	1/2	810.37	1/2	468.00	1/2	151.55	1/2		1/2		1/2		1/2	
3/4	1,830.43	3/4	1,487.94	3/4	1,145.45	3/4	803.24	3/4	460.90	3/4	145.46	3/4		3/4		3/4		3/4	
11	1,823.30	11	1,480.81	11	1,138.32	11	796.12	11	453.81	11	139.37	11		11		11		11	
1/4	1,816.16	1/4	1,473.67	1/4	1,131.18	1/4	788.98	1/4	446.80	1/4	133.36	1/4		1/4		1/4		1/4	
1/2	1,809.03	1/2	1,466.54	1/2	1,124.05	1/2	781.85	1/2	439.79	1/2	127.35	1/2		1/2		1/2		1/2	
3/4	1,801.89	3/4	1,459.40	3/4	1,116.91	3/4	774.71	3/4	432.78	3/4	121.34	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## 2 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-05 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	
0	0	0	4,950.65	0	4,608.56	0	4,265.83	0	3,921.77	0	3,577.70	0	3,233.64	0	2,889.52	0	2,545.35			
1/4		1/4	4,943.56	1/4	4,601.42	1/4	4,258.66	1/4	3,914.60	1/4	3,570.53	1/4	3,226.47	1/4	2,882.35	1/4	2,538.18			
1/2		1/2	4,936.47	1/2	4,594.29	1/2	4,251.49	1/2	3,907.43	1/2	3,563.36	1/2	3,219.30	1/2	2,875.18	1/2	2,531.01			
3/4		3/4	4,929.38	3/4	4,587.15	3/4	4,244.32	3/4	3,900.26	3/4	3,556.20	3/4	3,212.13	3/4	2,868.01	3/4	2,523.84			
1	1	1	4,922.29	1	4,580.01	1	4,237.16	1	3,893.09	1	3,549.03	1	3,204.96	1	2,860.84	1	2,516.67			
1/4		1/4	4,915.20	1/4	4,572.88	1/4	4,229.99	1/4	3,885.93	1/4	3,541.86	1/4	3,197.80	1/4	2,853.67	1/4	2,509.50			
1/2		1/2	4,908.11	1/2	4,565.74	1/2	4,222.82	1/2	3,878.76	1/2	3,534.69	1/2	3,190.63	1/2	2,846.50	1/2	2,502.33			
3/4		3/4	4,901.02	3/4	4,558.61	3/4	4,215.65	3/4	3,871.59	3/4	3,527.52	3/4	3,183.46	3/4	2,839.33	3/4	2,495.16			
2	2	2	4,893.93	2	4,551.47	2	4,208.49	2	3,864.42	2	3,520.36	2	3,176.29	2	2,832.16	2	2,487.99			
1/4		1/4	4,886.84	1/4	4,544.34	1/4	4,201.32	1/4	3,857.25	1/4	3,513.19	1/4	3,169.12	1/4	2,824.99	1/4	2,480.82			
1/2		1/2	4,879.70	1/2	4,537.20	1/2	4,194.15	1/2	3,850.09	1/2	3,506.02	1/2	3,161.96	1/2	2,817.82	1/2	2,473.65			
3/4		3/4	4,872.57	3/4	4,530.07	3/4	4,186.98	3/4	3,842.92	3/4	3,498.85	3/4	3,154.79	3/4	2,810.65	3/4	2,466.48			
3	3	3	4,865.43	3	4,522.93	3	4,179.81	3	3,835.75	3	3,491.68	3	3,147.62	3	2,803.48	3	2,459.31			
1/4		1/4	4,858.30	1/4	4,515.80	1/4	4,172.65	1/4	3,828.58	1/4	3,484.52	1/4	3,140.45	1/4	2,796.31	1/4	2,452.14			
1/2		1/2	4,851.16	1/2	4,508.66	1/2	4,165.48	1/2	3,821.41	1/2	3,477.35	1/2	3,133.28	1/2	2,789.14	1/2	2,444.97			
3/4		3/4	4,844.02	3/4	4,501.53	3/4	4,158.31	3/4	3,814.25	3/4	3,470.18	3/4	3,126.12	3/4	2,781.97	3/4	2,437.80			
4	4	4	4,836.89	4	4,494.39	4	4,151.14	4	3,807.08	4	3,463.01	4	3,118.95	4	2,774.80	4	2,430.63			
1/4		1/4	4,829.75	1/4	4,487.25	1/4	4,143.97	1/4	3,799.91	1/4	3,455.84	1/4	3,111.78	1/4	2,767.63	1/4	2,423.46			
1/2		1/2	4,822.62	1/2	4,480.12	1/2	4,136.81	1/2	3,792.74	1/2	3,448.68	1/2	3,104.61	1/2	2,760.46	1/2	2,416.29			
3/4		3/4	4,815.48	3/4	4,472.98	3/4	4,129.64	3/4	3,785.57	3/4	3,441.51	3/4	3,097.44	3/4	2,753.29	3/4	2,409.12			
5	5	5	4,808.35	5	4,465.85	5	4,122.47	5	3,778.41	5	3,434.34	5	3,090.28	5	2,746.12	5	2,401.95			
1/4		1/4	4,801.21	1/4	4,458.71	1/4	4,115.30	1/4	3,771.24	1/4	3,427.17	1/4	3,083.11	1/4	2,738.95	1/4	2,394.78			
1/2		1/2	4,794.08	1/2	4,451.58	1/2	4,108.13	1/2	3,764.07	1/2	3,420.00	1/2	3,075.94	1/2	2,731.78	1/2	2,387.61			
3/4		3/4	4,786.94	3/4	4,444.44	3/4	4,100.97	3/4	3,756.90	3/4	3,412.84	3/4	3,068.77	3/4	2,724.61	3/4	2,380.44			
6	6	6	4,779.81	6	4,437.31	6	4,093.80	6	3,749.73	6	3,405.67	6	3,061.60	6	2,717.44	6	2,373.27			
1/4		1/4	5,088.29	1/4	4,772.67	1/4	4,430.17	1/4	4,086.63	1/4	3,742.57	1/4	3,398.50	1/4	3,054.44	1/4	2,710.27	1/4	2,366.10	
1/2		1/2	5,084.49	1/2	4,765.54	1/2	4,423.04	1/2	4,079.46	1/2	3,735.40	1/2	3,391.33	1/2	3,047.27	1/2	2,703.10	1/2	2,358.93	
3/4		3/4	5,080.68	3/4	4,758.40	3/4	4,415.90	3/4	4,072.29	3/4	3,728.23	3/4	3,384.16	3/4	3,040.10	3/4	2,695.93	3/4	2,351.76	
7	7	7	5,076.88	7	4,751.26	7	4,408.77	7	4,065.13	7	3,721.06	7	3,377.00	7	3,032.93	7	2,688.76	7	2,344.59	
1/4		1/4	5,073.07	1/4	4,744.13	1/4	4,401.63	1/4	4,057.96	1/4	3,713.89	1/4	3,369.83	1/4	3,025.76	1/4	2,681.59	1/4	2,337.42	
1/2		1/2	5,068.07	1/2	4,736.99	1/2	4,394.49	1/2	4,050.79	1/2	3,706.72	1/2	3,362.66	1/2	3,018.59	1/2	2,674.42	1/2	2,330.25	
3/4		3/4	5,063.08	3/4	4,729.86	3/4	4,387.36	3/4	4,043.62	3/4	3,699.56	3/4	3,355.49	3/4	3,011.42	3/4	2,667.25	3/4	2,323.08	
8	8	8	5,058.08	8	4,722.72	8	4,380.22	8	4,036.45	8	3,692.39	8	3,348.32	8	3,004.25	8	2,660.08	8	2,315.91	
1/4		1/4	5,053.08	1/4	4,715.59	1/4	4,373.09	1/4	4,029.29	1/4	3,685.22	1/4	3,341.16	1/4	2,997.08	1/4	2,652.91	1/4	2,308.74	
1/2		1/2	5,046.88	1/2	4,708.45	1/2	4,365.95	1/2	4,022.12	1/2	3,678.05	1/2	3,333.99	1/2	2,989.91	1/2	2,645.74	1/2	2,301.57	
3/4		3/4	5,040.69	3/4	4,701.32	3/4	4,358.82	3/4	4,014.95	3/4	3,670.88	3/4	3,326.82	3/4	2,982.73	3/4	2,638.57	3/4	2,294.40	
9	9	9	5,034.49	9	4,694.18	9	4,351.68	9	4,007.78	9	3,663.72	9	3,319.65	9	2,975.56	9	2,631.40	9	2,287.23	
1/4		1/4	5,028.30	1/4	4,687.05	1/4	4,344.55	1/4	4,000.61	1/4	3,656.55	1/4	3,312.48	1/4	2,968.39	1/4	2,624.22	1/4	2,280.06	
1/2		1/2	5,021.28	1/2	4,679.91	1/2	4,337.41	1/2	3,993.45	1/2	3,649.38	1/2	3,305.32	1/2	2,961.22	1/2	2,617.05	1/2	2,272.89	
3/4		3/4	5,014.26	3/4	4,672.78	3/4	4,330.28	3/4	3,986.28	3/4	3,642.21	3/4	3,298.15	3/4	2,954.05	3/4	2,609.88	3/4	2,265.71	
10	10	10	5,007.24	10	4,665.64	10	4,323.14	10	3,979.11	10	3,635.04	10	3,290.98	10	2,946.88	10	2,602.71	10	2,258.54	
1/4		1/4	5,000.22	1/4	4,658.50	1/4	4,316.00	1/4	3,971.94	1/4	3,627.88	1/4	3,283.81	1/4	2,939.71	1/4	2,595.54	1/4	2,251.37	
1/2		1/2	4,993.14	1/2	4,651.37	1/2	4,308.84	1/2	3,964.77	1/2	3,620.71	1/2	3,276.64	1/2	2,932.54	1/2	2,588.37	1/2	2,244.20	
3/4		3/4	4,986.06	3/4	4,644.23	3/4	4,301.67	3/4	3,957.61	3/4	3,613.54	3/4	3,269.48	3/4	2,925.37	3/4	2,581.20	3/4	2,237.03	
11	11	11	4,978.99	11	4,637.10	11	4,294.50	11	3,950.44	11	3,606.37	11	3,262.31	11	2,918.20	11	2,574.03	11	2,229.86	
1/4		1/4	4,971.91	1/4	4,629.96	1/4	4,287.33	1/4	3,943.27	1/4	3,599.20	1/4	3,255.14	1/4	2,911.03	1/4	2,566.86	1/4	2,222.69	
1/2		1/2	4,964.82	1/2	4,622.83	1/2	4,280.16	1/2	3,936.10	1/2	3,592.04	1/2	3,247.97	1/2	2,903.86	1/2	2,559.69	1/2	2,215.52	
3/4		3/4	4,957.74	3/4	4,615.69	3/4	4,273.00	3/4	3,928.93	3/4	3,584.87	3/4	3,240.80	3/4	2,896.69	3/4	2,552.52	3/4	2,208.35	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 2 PORT

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 16'-05 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,201.18	0	1,857.01	0	1,512.84	0	1,168.67	0	837.61	0	494.89	0	150.73	0		0		0	
1/4	2,194.01	1/4	1,849.84	1/4	1,505.67	1/4	1,161.50	1/4	830.74	1/4	487.72	1/4	143.56	1/4		1/4		1/4	
1/2	2,186.84	1/2	1,842.67	1/2	1,498.50	1/2	1,154.33	1/2	823.86	1/2	480.55	1/2	136.40	1/2		1/2		1/2	
3/4	2,179.67	3/4	1,835.50	3/4	1,491.33	3/4	1,147.16	3/4	816.97	3/4	473.38	3/4	129.23	3/4		3/4		3/4	
1	2,172.50	1	1,828.33	1	1,484.16	1	1,139.99	1	810.08	1	466.21	1	122.06	1		1		1	
1/4	2,165.33	1/4	1,821.16	1/4	1,476.99	1/4	1,132.82	1/4	803.20	1/4	459.04	1/4	114.89	1/4		1/4		1/4	
1/2	2,158.16	1/2	1,813.99	1/2	1,469.82	1/2	1,125.94	1/2	796.03	1/2	451.87	1/2	107.73	1/2		1/2		1/2	
3/4	2,150.99	3/4	1,806.82	3/4	1,462.65	3/4	1,119.05	3/4	788.86	3/4	444.70	3/4	100.57	3/4		3/4		3/4	
2	2,143.82	2	1,799.65	2	1,455.48	2	1,112.16	2	781.69	2	437.53	2	93.41	2		2		2	
1/4	2,136.65	1/4	1,792.48	1/4	1,448.31	1/4	1,105.27	1/4	774.52	1/4	430.36	1/4	86.25	1/4		1/4		1/4	
1/2	2,129.48	1/2	1,785.31	1/2	1,441.14	1/2	1,098.40	1/2	767.35	1/2	423.19	1/2	79.12	1/2		1/2		1/2	
3/4	2,122.31	3/4	1,778.14	3/4	1,433.97	3/4	1,091.53	3/4	760.18	3/4	416.02	3/4	71.99	3/4		3/4		3/4	
3	2,115.14	3	1,770.97	3	1,426.80	3	1,084.66	3	753.01	3	408.85	3	64.85	3		3		3	
1/4	2,107.97	1/4	1,763.80	1/4	1,419.63	1/4	1,077.79	1/4	745.84	1/4	401.68	1/4	57.72	1/4		1/4		1/4	
1/2	2,100.80	1/2	1,756.63	1/2	1,412.46	1/2	1,070.93	1/2	738.67	1/2	394.51	1/2	51.45	1/2		1/2		1/2	
3/4	2,093.63	3/4	1,749.46	3/4	1,405.29	3/4	1,064.07	3/4	731.50	3/4	387.34	3/4	45.17	3/4		3/4		3/4	
4	2,086.46	4	1,742.29	4	1,398.12	4	1,057.21	4	724.33	4	380.17	4	38.90	4		4		4	
1/4	2,079.29	1/4	1,735.12	1/4	1,390.95	1/4	1,050.35	1/4	717.16	1/4	373.00	1/4	32.63	1/4		1/4		1/4	
1/2	2,072.12	1/2	1,727.95	1/2	1,383.78	1/2	1,043.49	1/2	709.99	1/2	365.83	1/2	28.15	1/2		1/2		1/2	
3/4	2,064.95	3/4	1,720.78	3/4	1,376.61	3/4	1,036.62	3/4	702.82	3/4	358.66	3/4	23.67	3/4		3/4		3/4	
5	2,057.78	5	1,713.61	5	1,369.44	5	1,029.76	5	695.65	5	351.49	5	19.19	5		5		5	
1/4	2,050.61	1/4	1,706.44	1/4	1,362.27	1/4	1,022.90	1/4	688.48	1/4	344.32	1/4	14.71	1/4		1/4		1/4	
1/2	2,043.44	1/2	1,699.27	1/2	1,355.10	1/2	1,016.04	1/2	681.31	1/2	337.15	1/2		1/2		1/2		1/2	
3/4	2,036.27	3/4	1,692.10	3/4	1,347.93	3/4	1,009.18	3/4	674.14	3/4	329.98	3/4		3/4		3/4		3/4	
6	2,029.10	6	1,684.93	6	1,340.76	6	1,002.32	6	666.97	6	322.81	6		6		6		6	
1/4	2,021.93	1/4	1,677.76	1/4	1,333.59	1/4	995.45	1/4	659.80	1/4	315.64	1/4		1/4		1/4		1/4	
1/2	2,014.76	1/2	1,670.59	1/2	1,326.42	1/2	988.59	1/2	652.63	1/2	308.47	1/2		1/2		1/2		1/2	
3/4	2,007.59	3/4	1,663.42	3/4	1,319.25	3/4	981.73	3/4	645.46	3/4	301.30	3/4		3/4		3/4		3/4	
7	2,000.42	7	1,656.25	7	1,312.08	7	974.87	7	638.29	7	294.13	7		7		7		7	
1/4	1,993.25	1/4	1,649.08	1/4	1,304.91	1/4	968.01	1/4	631.12	1/4	286.96	1/4		1/4		1/4		1/4	
1/2	1,986.08	1/2	1,641.91	1/2	1,297.74	1/2	961.14	1/2	623.95	1/2	279.79	1/2		1/2		1/2		1/2	
3/4	1,978.91	3/4	1,634.74	3/4	1,290.57	3/4	954.28	3/4	616.78	3/4	272.62	3/4		3/4		3/4		3/4	
8	1,971.74	8	1,627.57	8	1,283.40	8	947.42	8	609.61	8	265.45	8		8		8		8	
1/4	1,964.57	1/4	1,620.40	1/4	1,276.23	1/4	940.56	1/4	602.44	1/4	258.28	1/4		1/4		1/4		1/4	
1/2	1,957.40	1/2	1,613.23	1/2	1,269.06	1/2	933.70	1/2	595.27	1/2	251.11	1/2		1/2		1/2		1/2	
3/4	1,950.23	3/4	1,606.06	3/4	1,261.89	3/4	926.84	3/4	588.10	3/4	243.94	3/4		3/4		3/4		3/4	
9	1,943.06	9	1,598.89	9	1,254.72	9	919.98	9	580.93	9	236.77	9		9		9		9	
1/4	1,935.89	1/4	1,591.72	1/4	1,247.55	1/4	913.11	1/4	573.76	1/4	229.60	1/4		1/4		1/4		1/4	
1/2	1,928.72	1/2	1,584.55	1/2	1,240.38	1/2	906.25	1/2	566.59	1/2	222.43	1/2		1/2		1/2		1/2	
3/4	1,921.55	3/4	1,577.38	3/4	1,233.21	3/4	899.39	3/4	559.42	3/4	215.26	3/4		3/4		3/4		3/4	
10	1,914.38	10	1,570.21	10	1,226.04	10	892.53	10	552.25	10	208.09	10		10		10		10	
1/4	1,907.20	1/4	1,563.04	1/4	1,218.87	1/4	885.67	1/4	545.08	1/4	200.92	1/4		1/4		1/4		1/4	
1/2	1,900.03	1/2	1,555.87	1/2	1,211.70	1/2	878.81	1/2	537.91	1/2	193.75	1/2		1/2		1/2		1/2	
3/4	1,892.86	3/4	1,548.69	3/4	1,204.53	3/4	871.94	3/4	530.74	3/4	186.58	3/4		3/4		3/4		3/4	
11	1,885.69	11	1,541.52	11	1,197.36	11	865.08	11	523.57	11	179.41	11		11		11		11	
1/4	1,878.52	1/4	1,534.35	1/4	1,190.18	1/4	858.22	1/4	516.40	1/4	172.24	1/4		1/4		1/4		1/4	
1/2	1,871.35	1/2	1,527.18	1/2	1,183.01	1/2	851.35	1/2	509.23	1/2	165.07	1/2		1/2		1/2		1/2	
3/4	1,864.18	3/4	1,520.01	3/4	1,175.84	3/4	844.48	3/4	502.06	3/4	157.90	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## 2 STBD ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	4,952.74	0	4,610.87	0	4,268.37	0	3,924.57	0	3,580.80	0	3,237.09	0	2,893.33	0	2,549.53
1/4	1/4	1/4	1/4	1/4	4,945.66	1/4	4,603.74	1/4	4,261.21	1/4	3,917.41	1/4	3,573.64	1/4	3,229.93	1/4	2,886.17	1/4	2,542.36
1/2	1/2	1/2	1/2	1/2	4,938.57	1/2	4,596.61	1/2	4,254.05	1/2	3,910.24	1/2	3,566.48	1/2	3,222.77	1/2	2,879.01	1/2	2,535.20
3/4	3/4	3/4	3/4	3/4	4,931.49	3/4	4,589.48	3/4	4,246.89	3/4	3,903.08	3/4	3,559.32	3/4	3,215.61	3/4	2,871.84	3/4	2,528.04
1	1	1	1	1	4,924.41	1	4,582.35	1	4,239.72	1	3,895.92	1	3,552.15	1	3,208.45	1	2,864.68	1	2,520.88
1/4	1/4	1/4	1/4	1/4	4,917.32	1/4	4,575.22	1/4	4,232.56	1/4	3,888.76	1/4	3,544.99	1/4	3,201.29	1/4	2,857.52	1/4	2,513.71
1/2	1/2	1/2	1/2	1/2	4,910.24	1/2	4,568.09	1/2	4,225.40	1/2	3,881.59	1/2	3,537.83	1/2	3,194.12	1/2	2,850.36	1/2	2,506.55
3/4	3/4	3/4	3/4	3/4	4,903.15	3/4	4,560.96	3/4	4,218.24	3/4	3,874.43	3/4	3,530.67	3/4	3,186.96	3/4	2,843.19	3/4	2,499.39
2	2	2	2	2	4,896.07	2	4,553.83	2	4,211.07	2	3,867.27	2	3,523.51	2	3,179.80	2	2,836.03	2	2,492.23
1/4	1/4	1/4	1/4	1/4	4,888.94	1/4	4,546.70	1/4	4,203.91	1/4	3,860.11	1/4	3,516.35	1/4	3,172.64	1/4	2,828.87	1/4	2,485.06
1/2	1/2	1/2	1/2	1/2	4,881.81	1/2	4,539.57	1/2	4,196.75	1/2	3,852.94	1/2	3,509.19	1/2	3,165.48	1/2	2,821.71	1/2	2,477.90
3/4	3/4	3/4	3/4	3/4	4,874.68	3/4	4,532.44	3/4	4,189.59	3/4	3,845.78	3/4	3,502.03	3/4	3,158.32	3/4	2,814.54	3/4	2,470.74
3	3	3	3	3	4,867.55	3	4,525.31	3	4,182.42	3	3,838.62	3	3,494.87	3	3,151.16	3	2,807.38	3	2,463.58
1/4	1/4	1/4	1/4	1/4	4,860.42	1/4	4,518.18	1/4	4,175.26	1/4	3,831.46	1/4	3,487.71	1/4	3,144.00	1/4	2,800.22	1/4	2,456.41
1/2	1/2	1/2	1/2	1/2	4,853.29	1/2	4,511.05	1/2	4,168.10	1/2	3,824.29	1/2	3,480.55	1/2	3,136.84	1/2	2,793.05	1/2	2,449.25
3/4	3/4	3/4	3/4	3/4	4,846.16	3/4	4,503.92	3/4	4,160.94	3/4	3,817.13	3/4	3,473.39	3/4	3,129.68	3/4	2,785.89	3/4	2,442.09
4	4	4	4	4	4,839.03	4	4,496.79	4	4,153.77	4	3,809.97	4	3,466.23	4	3,122.52	4	2,778.73	4	2,434.92
1/4	1/4	1/4	1/4	1/4	4,831.90	1/4	4,489.66	1/4	4,146.61	1/4	3,802.81	1/4	3,459.07	1/4	3,115.36	1/4	2,771.57	1/4	2,427.76
1/2	1/2	1/2	1/2	1/2	4,824.77	1/2	4,482.53	1/2	4,139.45	1/2	3,795.64	1/2	3,451.91	1/2	3,108.20	1/2	2,764.40	1/2	2,420.60
3/4	3/4	3/4	3/4	3/4	4,817.64	3/4	4,475.40	3/4	4,132.29	3/4	3,788.48	3/4	3,444.75	3/4	3,101.04	3/4	2,757.24	3/4	2,413.44
5	5	5	5	5	4,810.51	5	4,468.27	5	4,125.12	5	3,781.32	5	3,437.58	5	3,093.88	5	2,750.08	5	2,406.27
1/4	1/4	1/4	1/4	1/4	4,803.38	1/4	4,461.14	1/4	4,117.96	1/4	3,774.16	1/4	3,430.42	1/4	3,086.72	1/4	2,742.92	1/4	2,399.11
1/2	1/2	1/2	1/2	1/2	4,796.25	1/2	4,454.01	1/2	4,110.80	1/2	3,766.99	1/2	3,423.26	1/2	3,079.55	1/2	2,735.75	1/2	2,391.95
3/4	3/4	3/4	3/4	3/4	4,789.12	3/4	4,446.88	3/4	4,103.63	3/4	3,759.83	3/4	3,416.10	3/4	3,072.39	3/4	2,728.59	3/4	2,384.79
6	6	5,097.37	6	4,781.99	6	4,439.75	6	4,096.47	6	3,752.67	6	3,408.94	6	3,065.23	6	2,721.43	6	2,377.62	
1/4	1/4	5,093.57	1/4	4,774.86	1/4	4,432.62	1/4	4,089.31	1/4	3,745.50	1/4	3,401.78	1/4	3,058.07	1/4	2,714.27	1/4	2,370.46	
1/2	1/2	5,089.77	1/2	4,767.73	1/2	4,425.49	1/2	4,082.15	1/2	3,738.34	1/2	3,394.62	1/2	3,050.91	1/2	2,707.10	1/2	2,363.30	
3/4	3/4	5,085.96	3/4	4,760.60	3/4	4,418.36	3/4	4,074.98	3/4	3,731.18	3/4	3,387.46	3/4	3,043.75	3/4	2,699.94	3/4	2,356.14	
7	7	5,082.16	7	4,753.47	7	4,411.23	7	4,067.82	7	3,724.02	7	3,380.30	7	3,036.58	7	2,692.78	7	2,348.97	
1/4	1/4	5,077.17	1/4	4,746.34	1/4	4,404.10	1/4	4,060.66	1/4	3,716.85	1/4	3,373.14	1/4	3,029.42	1/4	2,685.62	1/4	2,341.81	
1/2	1/2	5,072.17	1/2	4,739.21	1/2	4,396.97	1/2	4,053.50	1/2	3,709.69	1/2	3,365.98	1/2	3,022.26	1/2	2,678.45	1/2	2,334.65	
3/4	3/4	5,067.18	3/4	4,732.08	3/4	4,389.84	3/4	4,046.33	3/4	3,702.53	3/4	3,358.82	3/4	3,015.10	3/4	2,671.29	3/4	2,327.49	
8	8	5,062.18	8	4,724.95	8	4,382.71	8	4,039.17	8	3,695.37	8	3,351.66	8	3,007.93	8	2,664.13	8	2,320.32	
1/4	1/4	5,055.99	1/4	4,717.82	1/4	4,375.58	1/4	4,032.01	1/4	3,688.21	1/4	3,344.50	1/4	3,000.77	1/4	2,656.97	1/4	2,313.16	
1/2	1/2	5,049.80	1/2	4,710.69	1/2	4,368.45	1/2	4,024.85	1/2	3,681.05	1/2	3,337.34	1/2	2,993.61	1/2	2,649.80	1/2	2,306.00	
3/4	3/4	5,043.61	3/4	4,703.56	3/4	4,361.32	3/4	4,017.68	3/4	3,673.88	3/4	3,330.18	3/4	2,986.45	3/4	2,642.64	3/4	2,298.84	
9	9	5,037.42	9	4,696.43	9	4,354.19	9	4,010.52	9	3,666.72	9	3,323.02	9	2,979.28	9	2,635.48	9	2,291.67	
1/4	1/4	5,030.41	1/4	4,689.30	1/4	4,347.07	1/4	4,003.36	1/4	3,659.56	1/4	3,315.85	1/4	2,972.12	1/4	2,628.32	1/4	2,284.51	
1/2	1/2	5,023.39	1/2	4,682.17	1/2	4,339.94	1/2	3,996.20	1/2	3,652.40	1/2	3,308.69	1/2	2,964.96	1/2	2,621.15	1/2	2,277.35	
3/4	3/4	5,016.37	3/4	4,675.04	3/4	4,332.81	3/4	3,989.03	3/4	3,645.24	3/4	3,301.53	3/4	2,957.79	3/4	2,613.99	3/4	2,270.19	
10	10	5,009.36	10	4,667.91	10	4,325.68	10	3,981.87	10	3,638.08	10	3,294.37	10	2,950.63	10	2,606.83	10	2,263.02	
1/4	1/4	5,002.29	1/4	4,660.78	1/4	4,318.51	1/4	3,974.71	1/4	3,630.92	1/4	3,287.21	1/4	2,943.47	1/4	2,599.66	1/4	2,255.86	
1/2	1/2	4,995.22	1/2	4,653.65	1/2	4,311.35	1/2	3,967.55	1/2	3,623.76	1/2	3,280.05	1/2	2,936.31	1/2	2,592.50	1/2	2,248.70	
3/4	3/4	4,988.15	3/4	4,646.52	3/4	4,304.19	3/4	3,960.38	3/4	3,616.60	3/4	3,272.89	3/4	2,929.14	3/4	2,585.34	3/4	2,241.53	
11	11	4,981.08	11	4,639.39	11	4,297.02	11	3,953.22	11	3,609.44	11	3,265.73	11	2,921.98	11	2,578.18	11	2,234.37	
1/4	1/4	4,973.99	1/4	4,632.26	1/4	4,289.86	1/4	3,946.06	1/4	3,602.28	1/4	3,258.57	1/4	2,914.82	1/4	2,571.01	1/4	2,227.21	
1/2	1/2	4,966.91	1/2	4,625.13	1/2	4,282.70	1/2	3,938.89	1/2	3,595.12	1/2	3,251.41	1/2	2,907.66	1/2	2,563.85	1/2	2,220.05	
3/4	3/4	4,959.83	3/4	4,618.00	3/4	4,275.54	3/4	3,931.73	3/4	3,587.96	3/4	3,244.25	3/4	2,900.49	3/4	2,556.69	3/4	2,212.88	

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 TO TOP LIP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD

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





# BARGE "FMT 3306"

## 2 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,205.72	0	1,861.92	0	1,518.11	0	1,174.31	0	831.00	0	487.21	0	143.41	0		0		0	
1/4	2,198.56	1/4	1,854.75	1/4	1,510.95	1/4	1,167.14	1/4	823.83	1/4	480.04	1/4	136.25	1/4	1/4	1/4		1/4	1/4
1/2	2,191.40	1/2	1,847.59	1/2	1,503.79	1/2	1,159.98	1/2	816.67	1/2	472.88	1/2	129.09	1/2	1/2	1/2		1/2	1/2
3/4	2,184.23	3/4	1,840.43	3/4	1,496.62	3/4	1,152.82	3/4	809.51	3/4	465.72	3/4	121.93	3/4	3/4	3/4		3/4	3/4
1	2,177.07	1	1,833.27	1	1,489.46	1	1,145.66	1	802.35	1	458.56	1	114.77	1	1	1		1	1
1/4	2,169.91	1/4	1,826.10	1/4	1,482.30	1/4	1,138.49	1/4	795.18	1/4	451.39	1/4	107.62	1/4	1/4	1/4		1/4	1/4
1/2	2,162.75	1/2	1,818.94	1/2	1,475.14	1/2	1,131.33	1/2	788.02	1/2	444.23	1/2	100.47	1/2	1/2	1/2		1/2	1/2
3/4	2,155.58	3/4	1,811.78	3/4	1,467.97	3/4	1,124.17	3/4	780.86	3/4	437.07	3/4	93.31	3/4	3/4	3/4		3/4	3/4
2	2,148.42	2	1,804.62	2	1,460.81	2	1,117.01	2	773.70	2	429.91	2	86.16	2	2	2		2	2
1/4	2,141.26	1/4	1,797.45	1/4	1,453.65	1/4	1,109.85	1/4	766.53	1/4	422.74	1/4	79.04	1/4	1/4	1/4		1/4	1/4
1/2	2,134.10	1/2	1,790.29	1/2	1,446.49	1/2	1,102.69	1/2	759.37	1/2	415.58	1/2	71.91	1/2	1/2	1/2		1/2	1/2
3/4	2,126.93	3/4	1,783.13	3/4	1,439.32	3/4	1,095.54	3/4	752.21	3/4	408.42	3/4	64.79	3/4	3/4	3/4		3/4	3/4
3	2,119.77	3	1,775.97	3	1,432.16	3	1,088.38	3	745.05	3	401.26	3	57.66	3	3	3		3	3
1/4	2,112.61	1/4	1,768.80	1/4	1,425.00	1/4	1,081.23	1/4	737.89	1/4	394.10	1/4	51.39	1/4	1/4	1/4		1/4	1/4
1/2	2,105.45	1/2	1,761.64	1/2	1,417.84	1/2	1,074.08	1/2	730.72	1/2	386.93	1/2	45.13	1/2	1/2	1/2		1/2	1/2
3/4	2,098.28	3/4	1,754.48	3/4	1,410.67	3/4	1,066.93	3/4	723.56	3/4	379.77	3/4	38.86	3/4	3/4	3/4		3/4	3/4
4	2,091.12	4	1,747.32	4	1,403.51	4	1,059.79	4	716.40	4	372.61	4	32.60	4	4	4		4	4
1/4	2,083.96	1/4	1,740.15	1/4	1,396.35	1/4	1,052.64	1/4	709.24	1/4	365.45	1/4	28.12	1/4	1/4	1/4		1/4	1/4
1/2	2,076.79	1/2	1,732.99	1/2	1,389.19	1/2	1,045.49	1/2	702.07	1/2	358.28	1/2	23.64	1/2	1/2	1/2		1/2	1/2
3/4	2,069.63	3/4	1,725.83	3/4	1,382.02	3/4	1,038.34	3/4	694.91	3/4	351.12	3/4	19.17	3/4	3/4	3/4		3/4	3/4
5	2,062.47	5	1,718.66	5	1,374.86	5	1,031.19	5	687.75	5	343.96	5	14.69	5	5	5		5	5
1/4	2,055.31	1/4	1,711.50	1/4	1,367.70	1/4	1,024.04	1/4	680.59	1/4	336.80	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,048.14	1/2	1,704.34	1/2	1,360.53	1/2	1,016.89	1/2	673.43	1/2	329.63	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,040.98	3/4	1,697.18	3/4	1,353.37	3/4	1,009.75	3/4	666.26	3/4	322.47	3/4		3/4	3/4	3/4		3/4	3/4
6	2,033.82	6	1,690.01	6	1,346.21	6	1,002.60	6	659.10	6	315.31	6	6	6	6	6		6	6
1/4	2,026.66	1/4	1,682.85	1/4	1,339.05	1/4	995.45	1/4	651.94	1/4	308.15	1/4		1/4	1/4	1/4		1/4	1/4
1/2	2,019.49	1/2	1,675.69	1/2	1,331.88	1/2	988.30	1/2	644.78	1/2	300.99	1/2		1/2	1/2	1/2		1/2	1/2
3/4	2,012.33	3/4	1,668.53	3/4	1,324.72	3/4	981.15	3/4	637.61	3/4	293.82	3/4		3/4	3/4	3/4		3/4	3/4
7	2,005.17	7	1,661.36	7	1,317.56	7	974.00	7	630.45	7	286.66	7	7	7	7	7		7	7
1/4	1,998.01	1/4	1,654.20	1/4	1,310.40	1/4	966.85	1/4	623.29	1/4	279.50	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,990.84	1/2	1,647.04	1/2	1,303.23	1/2	959.71	1/2	616.13	1/2	272.34	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,983.68	3/4	1,639.88	3/4	1,296.07	3/4	952.56	3/4	608.96	3/4	265.17	3/4		3/4	3/4	3/4		3/4	3/4
8	1,976.52	8	1,632.71	8	1,288.91	8	945.41	8	601.80	8	258.01	8	8	8	8	8		8	8
1/4	1,969.36	1/4	1,625.55	1/4	1,281.75	1/4	938.26	1/4	594.64	1/4	250.85	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,962.19	1/2	1,618.39	1/2	1,274.58	1/2	931.11	1/2	587.48	1/2	243.69	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,955.03	3/4	1,611.23	3/4	1,267.42	3/4	923.96	3/4	580.32	3/4	236.52	3/4		3/4	3/4	3/4		3/4	3/4
9	1,947.87	9	1,604.06	9	1,260.26	9	916.82	9	573.15	9	229.36	9	9	9	9	9		9	9
1/4	1,940.71	1/4	1,596.90	1/4	1,253.10	1/4	909.67	1/4	565.99	1/4	222.20	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,933.54	1/2	1,589.74	1/2	1,245.93	1/2	902.52	1/2	558.83	1/2	215.04	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,926.38	3/4	1,582.58	3/4	1,238.77	3/4	895.37	3/4	551.67	3/4	207.88	3/4		3/4	3/4	3/4		3/4	3/4
10	1,919.22	10	1,575.41	10	1,231.61	10	888.22	10	544.50	10	200.71	10	10	10	10	10		10	10
1/4	1,912.06	1/4	1,568.25	1/4	1,224.45	1/4	881.07	1/4	537.34	1/4	193.55	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,904.89	1/2	1,561.09	1/2	1,217.28	1/2	873.93	1/2	530.18	1/2	186.39	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,897.73	3/4	1,553.93	3/4	1,210.12	3/4	866.78	3/4	523.02	3/4	179.23	3/4		3/4	3/4	3/4		3/4	3/4
11	1,890.57	11	1,546.76	11	1,202.96	11	859.63	11	515.85	11	172.06	11	11	11	11	11		11	11
1/4	1,883.40	1/4	1,539.60	1/4	1,195.80	1/4	852.47	1/4	508.69	1/4	164.90	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,876.24	1/2	1,532.44	1/2	1,188.63	1/2	845.31	1/2	501.53	1/2	157.74	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,869.08	3/4	1,525.27	3/4	1,181.47	3/4	838.15	3/4	494.37	3/4	150.58	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## 3 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	4,301.71	0	4,093.21	0	3,884.34	0	3,674.70	0	3,465.32	0	3,201.78	0	2,860.50	0	2,519.10
1/4	1/4	1/4	1/4	1/4	4,297.39	1/4	4,088.86	1/4	3,879.97	1/4	3,670.33	1/4	3,460.97	1/4	3,194.69	1/4	2,853.39	1/4	2,511.99
1/2	1/2	1/2	1/2	1/2	4,293.07	1/2	4,084.51	1/2	3,875.60	1/2	3,665.97	1/2	3,456.62	1/2	3,187.60	1/2	2,846.27	1/2	2,504.87
3/4	3/4	3/4	3/4	3/4	4,288.75	3/4	4,080.16	3/4	3,871.23	3/4	3,661.60	3/4	3,452.26	3/4	3,180.51	3/4	2,839.16	3/4	2,497.76
1	1	1	1	1	4,284.42	1	4,075.81	1	3,866.87	1	3,657.23	1	3,447.91	1	3,173.42	1	2,832.05	1	2,490.65
1/4	1/4	1/4	1/4	1/4	4,280.10	1/4	4,071.47	1/4	3,862.50	1/4	3,652.86	1/4	3,443.56	1/4	3,166.33	1/4	2,824.94	1/4	2,483.54
1/2	1/2	1/2	1/2	1/2	4,275.78	1/2	4,067.12	1/2	3,858.13	1/2	3,648.50	1/2	3,439.21	1/2	3,159.23	1/2	2,817.82	1/2	2,476.42
3/4	3/4	3/4	3/4	3/4	4,271.46	3/4	4,062.77	3/4	3,853.77	3/4	3,644.13	3/4	3,434.86	3/4	3,152.14	3/4	2,810.71	3/4	2,469.31
2	2	2	2	2	4,267.14	2	4,058.42	2	3,849.40	2	3,639.76	2	3,430.51	2	3,145.05	2	2,803.60	2	2,462.20
1/4	1/4	1/4	1/4	1/4	4,262.79	1/4	4,054.07	1/4	3,845.03	1/4	3,635.40	1/4	3,426.15	1/4	3,137.96	1/4	2,796.49	1/4	2,455.08
1/2	1/2	1/2	1/2	1/2	4,258.44	1/2	4,049.73	1/2	3,840.66	1/2	3,631.03	1/2	3,421.80	1/2	3,130.87	1/2	2,789.37	1/2	2,447.97
3/4	3/4	3/4	3/4	3/4	4,254.10	3/4	4,045.38	3/4	3,836.30	3/4	3,626.66	3/4	3,417.45	3/4	3,123.78	3/4	2,782.26	3/4	2,440.86
3	3	3	3	3	4,249.75	3	4,041.03	3	3,831.93	3	3,622.29	3	3,413.10	3	3,116.69	3	2,775.15	3	2,433.74
1/4	1/4	1/4	1/4	1/4	4,245.40	1/4	4,036.68	1/4	3,827.56	1/4	3,617.93	1/4	3,408.75	1/4	3,109.58	1/4	2,768.04	1/4	2,426.63
1/2	1/2	1/2	1/2	1/2	4,241.05	1/2	4,032.33	1/2	3,823.19	1/2	3,613.56	1/2	3,404.40	1/2	3,102.47	1/2	2,760.92	1/2	2,419.52
3/4	3/4	3/4	3/4	3/4	4,236.70	3/4	4,027.98	3/4	3,818.83	3/4	3,609.19	3/4	3,400.05	3/4	3,095.36	3/4	2,753.81	3/4	2,412.40
4	4	4	4	4	4,232.35	4	4,023.64	4	3,814.46	4	3,604.82	4	3,395.69	4	3,088.25	4	2,746.70	4	2,405.29
1/4	1/4	1/4	1/4	1/4	4,228.01	1/4	4,019.29	1/4	3,810.09	1/4	3,600.46	1/4	3,391.34	1/4	3,081.15	1/4	2,739.59	1/4	2,398.18
1/2	1/2	1/2	1/2	1/2	4,223.66	1/2	4,014.94	1/2	3,805.72	1/2	3,596.09	1/2	3,386.99	1/2	3,074.04	1/2	2,732.47	1/2	2,391.06
3/4	3/4	3/4	3/4	3/4	4,219.31	3/4	4,010.59	3/4	3,801.36	3/4	3,591.72	3/4	3,382.64	3/4	3,066.93	3/4	2,725.36	3/4	2,383.95
5	5	5	5	5	4,214.96	5	4,006.24	5	3,796.99	5	3,587.35	5	3,378.29	5	3,059.82	5	2,718.25	5	2,376.84
1/4	1/4	1/4	1/4	1/4	4,210.61	1/4	4,001.89	1/4	3,792.62	1/4	3,582.99	1/4	3,373.95	1/4	3,052.71	1/4	2,711.14	1/4	2,369.72
1/2	1/2	1/2	1/2	1/2	4,206.26	1/2	3,997.55	1/2	3,788.25	1/2	3,578.62	1/2	3,369.62	1/2	3,045.60	1/2	2,704.02	1/2	2,362.61
3/4	3/4	3/4	3/4	3/4	4,201.92	3/4	3,993.20	3/4	3,783.89	3/4	3,574.25	3/4	3,365.29	3/4	3,038.50	3/4	2,696.91	3/4	2,355.50
6	6	6	6	6	4,197.57	6	3,988.85	6	3,779.52	6	3,569.88	6	3,360.95	6	3,031.39	6	2,689.80	6	2,348.38
1/4	1/4	1/4	1/4	1/4	4,193.22	1/4	3,984.50	1/4	3,775.15	1/4	3,565.52	1/4	3,356.62	1/4	3,024.26	1/4	2,682.69	1/4	2,341.27
1/2	1/2	1/2	1/2	1/2	4,188.87	1/2	3,980.15	1/2	3,770.78	1/2	3,561.15	1/2	3,352.29	1/2	3,017.14	1/2	2,675.57	1/2	2,334.16
3/4	3/4	3/4	3/4	3/4	4,184.52	3/4	3,975.80	3/4	3,766.42	3/4	3,556.78	3/4	3,347.95	3/4	3,010.01	3/4	2,668.46	3/4	2,327.04
7	7	7	7	7	4,180.17	7	3,971.46	7	3,762.05	7	3,552.41	7	3,343.62	7	3,002.89	7	2,661.35	7	2,319.93
1/4	1/4	1/4	1/4	1/4	4,175.83	1/4	3,967.11	1/4	3,757.68	1/4	3,548.05	1/4	3,336.53	1/4	2,995.77	1/4	2,654.24	1/4	2,312.82
1/2	1/2	1/2	1/2	1/2	4,171.48	1/2	3,962.76	1/2	3,753.31	1/2	3,543.68	1/2	3,329.44	1/2	2,988.64	1/2	2,647.12	1/2	2,305.70
3/4	3/4	3/4	3/4	3/4	4,167.13	3/4	3,958.41	3/4	3,748.95	3/4	3,539.31	3/4	3,322.34	3/4	2,981.52	3/4	2,640.01	3/4	2,298.59
8	8	8	8	8	4,162.78	8	3,954.06	8	3,744.58	8	3,534.94	8	3,315.25	8	2,974.39	8	2,632.90	8	2,291.48
1/4	1/4	1/4	1/4	1/4	4,158.43	1/4	3,949.71	1/4	3,740.21	1/4	3,530.59	1/4	3,308.16	1/4	2,967.27	1/4	2,625.79	1/4	2,284.36
1/2	1/2	1/2	1/2	1/2	4,154.08	1/2	3,945.37	1/2	3,735.85	1/2	3,526.24	1/2	3,301.07	1/2	2,960.14	1/2	2,618.67	1/2	2,277.25
3/4	3/4	3/4	3/4	3/4	4,149.74	3/4	3,941.02	3/4	3,731.48	3/4	3,521.89	3/4	3,293.97	3/4	2,953.02	3/4	2,611.56	3/4	2,270.14
9	9	9	9	9	4,145.39	9	3,936.67	9	3,727.11	9	3,517.54	9	3,286.88	9	2,945.90	9	2,604.45	9	2,263.02
1/4	1/4	1/4	1/4	1/4	4,141.04	1/4	3,932.32	1/4	3,722.74	1/4	3,513.19	1/4	3,279.79	1/4	2,938.77	1/4	2,597.34	1/4	2,255.91
1/2	1/2	1/2	1/2	1/2	4,136.69	1/2	3,927.97	1/2	3,718.38	1/2	3,508.84	1/2	3,272.70	1/2	2,931.65	1/2	2,590.22	1/2	2,248.80
3/4	3/4	3/4	3/4	3/4	4,132.34	3/4	3,923.62	3/4	3,714.01	3/4	3,504.48	3/4	3,265.60	3/4	2,924.52	3/4	2,583.11	3/4	2,241.68
10	10	10	10	10	4,127.99	10	3,919.28	10	3,709.64	10	3,500.13	10	3,258.51	10	2,917.40	10	2,576.00	10	2,234.57
1/4	1/4	1/4	1/4	1/4	4,123.65	1/4	3,914.91	1/4	3,705.27	1/4	3,495.78	1/4	3,251.42	1/4	2,910.29	1/4	2,568.89	1/4	2,227.46
1/2	1/2	1/2	1/2	1/2	4,119.30	1/2	3,910.54	1/2	3,700.91	1/2	3,491.43	1/2	3,244.33	1/2	2,903.17	1/2	2,561.77	1/2	2,220.34
3/4	3/4	3/4	3/4	3/4	4,114.95	3/4	3,906.17	3/4	3,696.54	3/4	3,487.08	3/4	3,237.24	3/4	2,896.06	3/4	2,554.66	3/4	2,213.23
11	11	11	11	11	4,110.60	11	3,901.81	11	3,692.17	11	3,482.73	11	3,230.15	11	2,888.95	11	2,547.55	11	2,206.12
1/4	1/4	1/4	1/4	1/4	4,106.25	1/4	3,897.44	1/4	3,687.80	1/4	3,478.37	1/4	3,223.05	1/4	2,881.84	1/4	2,540.44	1/4	2,199.00
1/2	1/2	1/2	1/2	1/2	4,101.90	1/2	3,893.07	1/2	3,683.44	1/2	3,474.02	1/2	3,215.96	1/2	2,874.72	1/2	2,533.32	1/2	2,191.89
3/4	3/4	3/4	3/4	3/4	4,097.56	3/4	3,888.70	3/4	3,679.07	3/4	3,469.67	3/4	3,208.87	3/4	2,867.61	3/4	2,526.21	3/4	2,184.78

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 TO TOP LIP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 3 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,177.66	0	1,836.22	0	1,494.79	0	1,153.35	0	825.14	0	484.57	0	142.69	0		0			
1/4	2,170.55	1/4	1,829.11	1/4	1,487.67	1/4	1,146.23	1/4	818.26	1/4	477.45	1/4	135.57	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,163.44	1/2	1,822.00	1/2	1,480.56	1/2	1,139.12	1/2	811.38	1/2	470.34	1/2	128.44	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,156.32	3/4	1,814.88	3/4	1,473.45	3/4	1,132.01	3/4	804.49	3/4	463.22	3/4	121.32	3/4	3/4	3/4	3/4	3/4	3/4
1	2,149.21	1	1,807.77	1	1,466.33	1	1,124.89	1	797.61	1	456.11	1	114.19	1	1	1	1	1	1
1/4	2,142.10	1/4	1,800.66	1/4	1,459.22	1/4	1,118.01	1/4	790.49	1/4	448.99	1/4	107.08	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,134.98	1/2	1,793.54	1/2	1,452.11	1/2	1,111.13	1/2	783.38	1/2	441.88	1/2	99.96	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,127.87	3/4	1,786.43	3/4	1,444.99	3/4	1,104.25	3/4	776.27	3/4	434.76	3/4	92.85	3/4	3/4	3/4	3/4	3/4	3/4
2	2,120.76	2	1,779.32	2	1,437.88	2	1,097.37	2	769.15	2	427.65	2	85.73	2	2	2	2	2	2
1/4	2,113.64	1/4	1,772.21	1/4	1,430.77	1/4	1,090.55	1/4	762.04	1/4	420.54	1/4	78.64	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,106.53	1/2	1,765.09	1/2	1,423.65	1/2	1,083.74	1/2	754.92	1/2	413.42	1/2	71.55	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,099.42	3/4	1,757.98	3/4	1,416.54	3/4	1,076.93	3/4	747.81	3/4	406.31	3/4	64.46	3/4	3/4	3/4	3/4	3/4	3/4
3	2,092.30	3	1,750.87	3	1,409.43	3	1,070.12	3	740.69	3	399.19	3	57.37	3	3	3	3	3	3
1/4	2,085.19	1/4	1,743.75	1/4	1,402.31	1/4	1,063.31	1/4	733.58	1/4	392.08	1/4	51.14	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,078.08	1/2	1,736.64	1/2	1,395.20	1/2	1,056.51	1/2	726.46	1/2	384.96	1/2	44.90	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,070.96	3/4	1,729.53	3/4	1,388.09	3/4	1,049.71	3/4	719.35	3/4	377.85	3/4	38.67	3/4	3/4	3/4	3/4	3/4	3/4
4	2,063.85	4	1,722.41	4	1,380.97	4	1,042.90	4	712.23	4	370.73	4	32.43	4	4	4	4	4	4
1/4	2,056.74	1/4	1,715.30	1/4	1,373.86	1/4	1,036.10	1/4	705.12	1/4	363.61	1/4	27.98	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,049.62	1/2	1,708.19	1/2	1,366.75	1/2	1,029.29	1/2	698.01	1/2	356.48	1/2	23.53	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,042.51	3/4	1,701.07	3/4	1,359.63	3/4	1,022.49	3/4	690.89	3/4	349.35	3/4	19.07	3/4	3/4	3/4	3/4	3/4	3/4
5	2,035.40	5	1,693.96	5	1,352.52	5	1,015.68	5	683.78	5	342.23	5	14.62	5	5	5	5	5	5
1/4	2,028.28	1/4	1,686.85	1/4	1,345.41	1/4	1,008.88	1/4	676.66	1/4	335.10	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,021.17	1/2	1,679.73	1/2	1,338.29	1/2	1,002.08	1/2	669.55	1/2	327.98	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,014.06	3/4	1,672.62	3/4	1,331.18	3/4	995.27	3/4	662.43	3/4	320.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	2,006.94	6	1,665.51	6	1,324.07	6	988.47	6	655.32	6	313.72	6	6	6	6	6	6	6	6
1/4	1,999.83	1/4	1,658.39	1/4	1,316.95	1/4	981.66	1/4	648.20	1/4	306.60	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,992.72	1/2	1,651.28	1/2	1,309.84	1/2	974.86	1/2	641.09	1/2	299.47	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,985.60	3/4	1,644.17	3/4	1,302.73	3/4	968.06	3/4	633.97	3/4	292.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,978.49	7	1,637.05	7	1,295.61	7	961.25	7	626.86	7	285.22	7	7	7	7	7	7	7	7
1/4	1,971.38	1/4	1,629.94	1/4	1,288.50	1/4	954.45	1/4	619.74	1/4	278.09	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,964.26	1/2	1,622.83	1/2	1,281.39	1/2	947.64	1/2	612.63	1/2	270.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,957.15	3/4	1,615.71	3/4	1,274.27	3/4	940.84	3/4	605.52	3/4	263.84	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,950.04	8	1,608.60	8	1,267.16	8	934.04	8	598.40	8	256.71	8	8	8	8	8	8	8	8
1/4	1,942.92	1/4	1,601.49	1/4	1,260.05	1/4	927.23	1/4	591.29	1/4	249.59	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,935.81	1/2	1,594.37	1/2	1,252.93	1/2	920.43	1/2	584.17	1/2	242.46	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,928.70	3/4	1,587.26	3/4	1,245.82	3/4	913.62	3/4	577.06	3/4	235.33	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,921.58	9	1,580.15	9	1,238.71	9	906.82	9	569.94	9	228.21	9	9	9	9	9	9	9	9
1/4	1,914.47	1/4	1,573.03	1/4	1,231.59	1/4	900.02	1/4	562.83	1/4	221.08	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,907.36	1/2	1,565.92	1/2	1,224.48	1/2	893.21	1/2	555.71	1/2	213.95	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,900.24	3/4	1,558.81	3/4	1,217.37	3/4	886.41	3/4	548.60	3/4	206.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,893.13	10	1,551.69	10	1,210.25	10	879.61	10	541.48	10	199.70	10	10	10	10	10	10	10	10
1/4	1,886.02	1/4	1,544.58	1/4	1,203.14	1/4	872.80	1/4	534.37	1/4	192.58	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,878.90	1/2	1,537.47	1/2	1,196.03	1/2	866.00	1/2	527.25	1/2	185.45	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,871.79	3/4	1,530.35	3/4	1,188.91	3/4	859.19	3/4	520.14	3/4	178.32	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,864.68	11	1,523.24	11	1,181.80	11	852.39	11	513.03	11	171.20	11	11	11	11	11	11	11	11
1/4	1,857.56	1/4	1,516.13	1/4	1,174.69	1/4	845.58	1/4	505.91	1/4	164.07	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,850.45	1/2	1,509.01	1/2	1,167.57	1/2	838.77	1/2	498.80	1/2	156.94	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,843.34	3/4	1,501.90	3/4	1,160.46	3/4	831.95	3/4	491.68	3/4	149.82	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## 3 STBD ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	4,313.61	0	4,105.28	0	3,896.58	0	3,687.11	0	3,477.65	0	3,214.14	0	2,873.67	0	2,532.77
1/4	1/4	1/4	1/4	1/4	4,309.29	1/4	4,100.94	1/4	3,892.22	1/4	3,682.75	1/4	3,473.28	1/4	3,207.06	1/4	2,866.58	1/4	2,525.65
1/2	1/2	1/2	1/2	1/2	4,304.98	1/2	4,096.59	1/2	3,887.85	1/2	3,678.39	1/2	3,468.92	1/2	3,199.98	1/2	2,859.48	1/2	2,518.54
3/4	3/4	3/4	3/4	3/4	4,300.66	3/4	4,092.25	3/4	3,883.49	3/4	3,674.02	3/4	3,464.55	3/4	3,192.90	3/4	2,852.38	3/4	2,511.42
1	1	1	1	1	4,296.34	1	4,087.90	1	3,879.12	1	3,669.66	1	3,460.19	1	3,185.82	1	2,845.28	1	2,504.30
1/4	1/4	1/4	1/4	1/4	4,292.03	1/4	4,083.56	1/4	3,874.76	1/4	3,665.29	1/4	3,455.83	1/4	3,178.74	1/4	2,838.19	1/4	2,497.19
1/2	1/2	1/2	1/2	1/2	4,287.71	1/2	4,079.21	1/2	3,870.40	1/2	3,660.93	1/2	3,451.46	1/2	3,171.66	1/2	2,831.09	1/2	2,490.07
3/4	3/4	3/4	3/4	3/4	4,283.39	3/4	4,074.87	3/4	3,866.03	3/4	3,656.57	3/4	3,447.10	3/4	3,164.58	3/4	2,823.99	3/4	2,482.96
2	2	2	2	2	4,279.08	2	4,070.52	2	3,861.67	2	3,652.20	2	3,442.73	2	3,157.50	2	2,816.89	2	2,475.84
1/4	1/4	1/4	1/4	1/4	4,274.73	1/4	4,066.18	1/4	3,857.30	1/4	3,647.84	1/4	3,438.37	1/4	3,150.42	1/4	2,809.80	1/4	2,468.73
1/2	1/2	1/2	1/2	1/2	4,270.39	1/2	4,061.84	1/2	3,852.94	1/2	3,643.47	1/2	3,434.01	1/2	3,143.34	1/2	2,802.70	1/2	2,461.61
3/4	3/4	3/4	3/4	3/4	4,266.04	3/4	4,057.49	3/4	3,848.58	3/4	3,639.11	3/4	3,429.64	3/4	3,136.26	3/4	2,795.60	3/4	2,454.49
3	3	3	3	3	4,261.70	3	4,053.15	3	3,844.21	3	3,634.75	3	3,425.28	3	3,129.18	3	2,788.51	3	2,447.38
1/4	1/4	1/4	1/4	1/4	4,257.35	1/4	4,048.80	1/4	3,839.85	1/4	3,630.38	1/4	3,420.91	1/4	3,122.08	1/4	2,781.41	1/4	2,440.26
1/2	1/2	1/2	1/2	1/2	4,253.01	1/2	4,044.46	1/2	3,835.49	1/2	3,626.02	1/2	3,416.55	1/2	3,114.98	1/2	2,774.31	1/2	2,433.15
3/4	3/4	3/4	3/4	3/4	4,248.66	3/4	4,040.11	3/4	3,831.12	3/4	3,621.65	3/4	3,412.19	3/4	3,107.88	3/4	2,767.21	3/4	2,426.03
4	4	4	4	4	4,244.32	4	4,035.77	4	3,826.76	4	3,617.29	4	3,407.82	4	3,100.79	4	2,760.12	4	2,418.92
1/4	1/4	1/4	1/4	1/4	4,239.97	1/4	4,031.42	1/4	3,822.39	1/4	3,612.93	1/4	3,403.46	1/4	3,093.69	1/4	2,753.02	1/4	2,411.80
1/2	1/2	1/2	1/2	1/2	4,235.63	1/2	4,027.08	1/2	3,818.03	1/2	3,608.56	1/2	3,399.10	1/2	3,086.59	1/2	2,745.92	1/2	2,404.69
3/4	3/4	3/4	3/4	3/4	4,231.28	3/4	4,022.73	3/4	3,813.67	3/4	3,604.20	3/4	3,394.73	3/4	3,079.49	3/4	2,738.82	3/4	2,397.57
5	5	5	5	5	4,226.94	5	4,018.39	5	3,809.30	5	3,599.83	5	3,390.37	5	3,072.40	5	2,731.73	5	2,390.45
1/4	1/4	1/4	1/4	1/4	4,222.59	1/4	4,014.04	1/4	3,804.94	1/4	3,595.47	1/4	3,386.04	1/4	3,065.30	1/4	2,724.63	1/4	2,383.34
1/2	1/2	1/2	1/2	1/2	4,218.25	1/2	4,009.70	1/2	3,800.57	1/2	3,591.11	1/2	3,381.71	1/2	3,058.20	1/2	2,717.53	1/2	2,376.22
3/4	3/4	3/4	3/4	3/4	4,213.90	3/4	4,005.35	3/4	3,796.21	3/4	3,586.74	3/4	3,377.38	3/4	3,051.11	3/4	2,710.43	3/4	2,369.11
6	6	4,394.57	6	4,209.56	6	4,001.01	6	3,791.85	6	3,582.38	6	3,373.05	6	3,044.01	6	2,703.34	6	2,361.99	
1/4	1/4	4,392.87	1/4	4,205.21	1/4	3,996.66	1/4	3,787.48	1/4	3,578.02	1/4	3,368.73	1/4	3,036.91	1/4	2,696.24	1/4	2,354.88	
1/2	1/2	4,391.16	1/2	4,200.87	1/2	3,992.32	1/2	3,783.12	1/2	3,573.65	1/2	3,364.40	1/2	3,029.81	1/2	2,689.14	1/2	2,347.76	
3/4	3/4	4,389.46	3/4	4,196.52	3/4	3,987.97	3/4	3,778.75	3/4	3,569.29	3/4	3,360.07	3/4	3,022.72	3/4	2,682.05	3/4	2,340.65	
7	7	4,387.75	7	4,192.18	7	3,983.63	7	3,774.39	7	3,564.92	7	3,355.74	7	3,015.62	7	2,674.95	7	2,333.53	
1/4	1/4	4,385.51	1/4	4,187.83	1/4	3,979.28	1/4	3,770.03	1/4	3,560.56	1/4	3,348.66	1/4	3,008.52	1/4	2,667.85	1/4	2,326.42	
1/2	1/2	4,383.27	1/2	4,183.49	1/2	3,974.94	1/2	3,765.66	1/2	3,556.20	1/2	3,341.58	1/2	3,001.42	1/2	2,660.75	1/2	2,319.30	
3/4	3/4	4,381.03	3/4	4,179.14	3/4	3,970.59	3/4	3,761.30	3/4	3,551.83	3/4	3,334.50	3/4	2,994.33	3/4	2,653.66	3/4	2,312.18	
8	8	4,378.79	8	4,174.80	8	3,966.25	8	3,756.94	8	3,547.47	8	3,327.42	8	2,987.23	8	2,646.56	8	2,305.07	
1/4	1/4	4,375.36	1/4	4,170.46	1/4	3,961.90	1/4	3,752.57	1/4	3,543.10	1/4	3,320.34	1/4	2,980.13	1/4	2,639.46	1/4	2,297.95	
1/2	1/2	4,371.93	1/2	4,166.11	1/2	3,957.56	1/2	3,748.21	1/2	3,538.74	1/2	3,313.26	1/2	2,973.04	1/2	2,632.36	1/2	2,290.84	
3/4	3/4	4,368.50	3/4	4,161.77	3/4	3,953.22	3/4	3,743.84	3/4	3,534.38	3/4	3,306.18	3/4	2,965.94	3/4	2,625.27	3/4	2,283.72	
9	9	4,365.07	9	4,157.42	9	3,948.87	9	3,739.48	9	3,530.01	9	3,299.10	9	2,958.84	9	2,618.17	9	2,276.61	
1/4	1/4	4,360.83	1/4	4,153.08	1/4	3,944.53	1/4	3,735.12	1/4	3,525.65	1/4	3,292.02	1/4	2,951.74	1/4	2,611.05	1/4	2,269.49	
1/2	1/2	4,356.58	1/2	4,148.73	1/2	3,940.18	1/2	3,730.75	1/2	3,521.28	1/2	3,284.94	1/2	2,944.65	1/2	2,603.94	1/2	2,262.38	
3/4	3/4	4,352.33	3/4	4,144.39	3/4	3,935.84	3/4	3,726.39	3/4	3,516.92	3/4	3,277.86	3/4	2,937.55	3/4	2,596.82	3/4	2,255.26	
10	10	4,348.08	10	4,140.04	10	3,931.49	10	3,722.02	10	3,512.56	10	3,270.78	10	2,930.45	10	2,589.70	10	2,248.14	
1/4	1/4	4,343.78	1/4	4,135.70	1/4	3,927.13	1/4	3,717.66	1/4	3,508.19	1/4	3,263.70	1/4	2,923.35	1/4	2,582.59	1/4	2,241.03	
1/2	1/2	4,339.47	1/2	4,131.35	1/2	3,922.76	1/2	3,713.30	1/2	3,503.83	1/2	3,256.62	1/2	2,916.26	1/2	2,575.47	1/2	2,233.91	
3/4	3/4	4,335.17	3/4	4,127.01	3/4	3,918.40	3/4	3,708.93	3/4	3,499.47	3/4	3,249.54	3/4	2,909.16	3/4	2,568.35	3/4	2,226.80	
11	11	4,330.87	11	4,122.66	11	3,914.04	11	3,704.57	11	3,495.10	11	3,242.46	11	2,902.06	11	2,561.24	11	2,219.68	
1/4	1/4	4,326.55	1/4	4,118.32	1/4	3,909.67	1/4	3,700.20	1/4	3,490.74	1/4	3,235.38	1/4	2,894.96	1/4	2,554.12	1/4	2,212.57	
1/2	1/2	4,322.24	1/2	4,113.97	1/2	3,905.31	1/2	3,695.84	1/2	3,486.37	1/2	3,228.30	1/2	2,887.87	1/2	2,547.00	1/2	2,205.45	
3/4	3/4	4,317.92	3/4	4,109.63	3/4	3,900.94	3/4	3,691.48	3/4	3,482.01	3/4	3,221.22	3/4	2,880.77	3/4	2,539.89	3/4	2,198.34	

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 TO TOP LIP OF 2" HERMETIC VALVE  
 GAUGE POINT: (HERMETIC) LOCATED 11'-06" OFF CENTERLINE AND 42'-06" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

3 STBD

ULLAGE TABLE  
HERMETIC  
GAUGE HEIGHT 16'-05"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,191.22	0	1,849.68	0	1,508.13	0	1,166.59	0	825.54	0	484.01	0	142.47	0		0		0	
1/4	2,184.11	1/4	1,842.56	1/4	1,501.02	1/4	1,159.47	1/4	818.43	1/4	476.89	1/4	135.36	1/4		1/4		1/4	
1/2	2,176.99	1/2	1,835.45	1/2	1,493.90	1/2	1,152.36	1/2	811.31	1/2	469.78	1/2	128.25	1/2		1/2		1/2	
3/4	2,169.87	3/4	1,828.33	3/4	1,486.79	3/4	1,145.24	3/4	804.20	3/4	462.66	3/4	121.13	3/4		3/4		3/4	
1	2,162.76	1	1,821.21	1	1,479.67	1	1,138.13	1	797.08	1	455.55	1	114.02	1		1		1	
1/4	2,155.64	1/4	1,814.10	1/4	1,472.56	1/4	1,131.01	1/4	789.97	1/4	448.43	1/4	106.91	1/4		1/4		1/4	
1/2	2,148.53	1/2	1,806.98	1/2	1,465.44	1/2	1,123.90	1/2	782.85	1/2	441.32	1/2	99.81	1/2		1/2		1/2	
3/4	2,141.41	3/4	1,799.87	3/4	1,458.32	3/4	1,116.78	3/4	775.73	3/4	434.20	3/4	92.70	3/4		3/4		3/4	
2	2,134.30	2	1,792.75	2	1,451.21	2	1,109.66	2	768.62	2	427.08	2	85.60	2		2		2	
1/4	2,127.18	1/4	1,785.64	1/4	1,444.09	1/4	1,102.56	1/4	761.50	1/4	419.97	1/4	78.52	1/4		1/4		1/4	
1/2	2,120.07	1/2	1,778.52	1/2	1,436.98	1/2	1,095.45	1/2	754.39	1/2	412.85	1/2	71.44	1/2		1/2		1/2	
3/4	2,112.95	3/4	1,771.41	3/4	1,429.86	3/4	1,088.34	3/4	747.27	3/4	405.74	3/4	64.36	3/4		3/4		3/4	
3	2,105.83	3	1,764.29	3	1,422.75	3	1,081.23	3	740.16	3	398.62	3	57.28	3		3		3	
1/4	2,098.72	1/4	1,757.18	1/4	1,415.63	1/4	1,074.13	1/4	733.04	1/4	391.51	1/4	51.06	1/4		1/4		1/4	
1/2	2,091.60	1/2	1,750.06	1/2	1,408.52	1/2	1,067.02	1/2	725.93	1/2	384.39	1/2	44.83	1/2		1/2		1/2	
3/4	2,084.49	3/4	1,742.94	3/4	1,401.40	3/4	1,059.92	3/4	718.81	3/4	377.28	3/4	38.61	3/4		3/4		3/4	
4	2,077.37	4	1,735.83	4	1,394.28	4	1,052.82	4	711.70	4	370.16	4	32.38	4		4		4	
1/4	2,070.26	1/4	1,728.71	1/4	1,387.17	1/4	1,045.72	1/4	704.58	1/4	363.05	1/4	27.94	1/4		1/4		1/4	
1/2	2,063.14	1/2	1,721.60	1/2	1,380.05	1/2	1,038.62	1/2	697.47	1/2	355.93	1/2	23.49	1/2		1/2		1/2	
3/4	2,056.03	3/4	1,714.48	3/4	1,372.94	3/4	1,031.52	3/4	690.35	3/4	348.82	3/4	19.04	3/4		3/4		3/4	
5	2,048.91	5	1,707.37	5	1,365.82	5	1,024.41	5	683.24	5	341.70	5	14.60	5		5		5	
1/4	2,041.80	1/4	1,700.25	1/4	1,358.71	1/4	1,017.31	1/4	676.12	1/4	334.59	1/4		1/4		1/4		1/4	
1/2	2,034.68	1/2	1,693.14	1/2	1,351.59	1/2	1,010.21	1/2	669.01	1/2	327.47	1/2		1/2		1/2		1/2	
3/4	2,027.56	3/4	1,686.02	3/4	1,344.48	3/4	1,003.11	3/4	661.89	3/4	320.36	3/4		3/4		3/4		3/4	
6	2,020.45	6	1,678.90	6	1,337.36	6	996.01	6	654.77	6	313.24	6		6		6		6	
1/4	2,013.33	1/4	1,671.79	1/4	1,330.25	1/4	988.91	1/4	647.66	1/4	306.12	1/4		1/4		1/4		1/4	
1/2	2,006.22	1/2	1,664.67	1/2	1,323.13	1/2	981.80	1/2	640.54	1/2	299.01	1/2		1/2		1/2		1/2	
3/4	1,999.10	3/4	1,657.56	3/4	1,316.01	3/4	974.70	3/4	633.43	3/4	291.89	3/4		3/4		3/4		3/4	
7	1,991.99	7	1,650.44	7	1,308.90	7	967.60	7	626.31	7	284.78	7		7		7		7	
1/4	1,984.87	1/4	1,643.33	1/4	1,301.78	1/4	960.50	1/4	619.20	1/4	277.66	1/4		1/4		1/4		1/4	
1/2	1,977.76	1/2	1,636.21	1/2	1,294.67	1/2	953.40	1/2	612.08	1/2	270.55	1/2		1/2		1/2		1/2	
3/4	1,970.64	3/4	1,629.10	3/4	1,287.55	3/4	946.30	3/4	604.97	3/4	263.43	3/4		3/4		3/4		3/4	
8	1,963.52	8	1,621.98	8	1,280.44	8	939.20	8	597.85	8	256.32	8		8		8		8	
1/4	1,956.41	1/4	1,614.87	1/4	1,273.32	1/4	932.09	1/4	590.74	1/4	249.20	1/4		1/4		1/4		1/4	
1/2	1,949.29	1/2	1,607.75	1/2	1,266.21	1/2	924.99	1/2	583.62	1/2	242.09	1/2		1/2		1/2		1/2	
3/4	1,942.18	3/4	1,600.63	3/4	1,259.09	3/4	917.89	3/4	576.51	3/4	234.97	3/4		3/4		3/4		3/4	
9	1,935.06	9	1,593.52	9	1,251.97	9	910.79	9	569.39	9	227.86	9		9		9		9	
1/4	1,927.95	1/4	1,586.40	1/4	1,244.86	1/4	903.69	1/4	562.28	1/4	220.74	1/4		1/4		1/4		1/4	
1/2	1,920.83	1/2	1,579.29	1/2	1,237.74	1/2	896.59	1/2	555.16	1/2	213.63	1/2		1/2		1/2		1/2	
3/4	1,913.72	3/4	1,572.17	3/4	1,230.63	3/4	889.49	3/4	548.04	3/4	206.51	3/4		3/4		3/4		3/4	
10	1,906.60	10	1,565.06	10	1,223.51	10	882.38	10	540.93	10	199.40	10		10		10		10	
1/4	1,899.49	1/4	1,557.94	1/4	1,216.40	1/4	875.28	1/4	533.81	1/4	192.28	1/4		1/4		1/4		1/4	
1/2	1,892.37	1/2	1,550.83	1/2	1,209.28	1/2	868.18	1/2	526.70	1/2	185.16	1/2		1/2		1/2		1/2	
3/4	1,885.25	3/4	1,543.71	3/4	1,202.17	3/4	861.08	3/4	519.58	3/4	178.05	3/4		3/4		3/4		3/4	
11	1,878.14	11	1,536.59	11	1,195.05	11	853.98	11	512.47	11	170.93	11		11		11		11	
1/4	1,871.02	1/4	1,529.48	1/4	1,187.94	1/4	846.87	1/4	505.35	1/4	163.82	1/4		1/4		1/4		1/4	
1/2	1,863.91	1/2	1,522.36	1/2	1,180.82	1/2	839.76	1/2	498.24	1/2	156.70	1/2		1/2		1/2		1/2	
3/4	1,856.79	3/4	1,515.25	3/4	1,173.70	3/4	832.65	3/4	491.12	3/4	149.59	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

INNAGE (10" HATCH)

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 6'-00"  
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 08-1/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-03 7/8"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

August 16, 2019

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "FMT 3306"

## 1 PORT INNAGE TABLE

### 10" HATCH GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.15	0	252.01	0	582.73	0	924.16	0	1,265.83	0	1,608.70	0	1,951.57	0	2,294.44	0	2,637.31	0	2,980.15
1/4	3.94	1/4	258.49	1/4	589.87	1/4	931.24	1/4	1,272.98	1/4	1,615.85	1/4	1,958.71	1/4	2,301.58	1/4	2,644.45	1/4	2,987.30
1/2	5.72	1/2	264.96	1/2	597.02	1/2	938.32	1/2	1,280.12	1/2	1,622.99	1/2	1,965.86	1/2	2,308.73	1/2	2,651.59	1/2	2,994.44
3/4	7.51	3/4	271.44	3/4	604.16	3/4	945.40	3/4	1,287.26	3/4	1,630.13	3/4	1,973.00	3/4	2,315.87	3/4	2,658.74	3/4	3,001.58
1	9.30	1	277.91	1	611.30	1	952.49	1	1,294.41	1	1,637.27	1	1,980.14	1	2,323.01	1	2,665.88	1	3,008.72
1/4	12.09	1/4	284.47	1/4	618.44	1/4	959.57	1/4	1,301.55	1/4	1,644.42	1/4	1,987.29	1/4	2,330.16	1/4	2,673.02	1/4	3,015.86
1/2	14.89	1/2	291.03	1/2	625.59	1/2	966.65	1/2	1,308.69	1/2	1,651.56	1/2	1,994.43	1/2	2,337.30	1/2	2,680.16	1/2	3,023.00
3/4	17.69	3/4	297.59	3/4	632.73	3/4	973.73	3/4	1,315.84	3/4	1,658.70	3/4	2,001.57	3/4	2,344.44	3/4	2,687.31	3/4	3,030.14
2	20.49	2	304.15	2	639.87	2	980.82	2	1,322.98	2	1,665.85	2	2,008.72	2	2,351.58	2	2,694.45	2	3,037.29
1/4	24.35	1/4	310.79	1/4	647.02	1/4	987.90	1/4	1,330.12	1/4	1,672.99	1/4	2,015.86	1/4	2,358.73	1/4	2,701.59	1/4	3,044.43
1/2	28.20	1/2	317.43	1/2	654.16	1/2	994.98	1/2	1,337.26	1/2	1,680.13	1/2	2,023.00	1/2	2,365.87	1/2	2,708.73	1/2	3,051.57
3/4	32.05	3/4	324.07	3/4	661.30	3/4	1,002.07	3/4	1,344.41	3/4	1,687.28	3/4	2,030.15	3/4	2,373.01	3/4	2,715.88	3/4	3,058.71
3	35.91	3	330.72	3	668.44	3	1,009.15	3	1,351.55	3	1,694.42	3	2,037.29	3	2,380.16	3	2,723.02	3	3,065.85
1/4	41.17	1/4	337.44	1/4	675.59	1/4	1,016.24	1/4	1,358.69	1/4	1,701.56	1/4	2,044.43	1/4	2,387.30	1/4	2,730.16	1/4	3,072.99
1/2	46.43	1/2	344.17	1/2	682.73	1/2	1,023.32	1/2	1,365.84	1/2	1,708.71	1/2	2,051.57	1/2	2,394.44	1/2	2,737.30	1/2	3,080.13
3/4	51.69	3/4	350.89	3/4	689.87	3/4	1,030.41	3/4	1,372.98	3/4	1,715.85	3/4	2,058.72	3/4	2,401.59	3/4	2,744.45	3/4	3,087.27
4	56.94	4	357.62	4	697.02	4	1,037.50	4	1,380.12	4	1,722.99	4	2,065.86	4	2,408.73	4	2,751.59	4	3,094.41
1/4	62.73	1/4	364.43	1/4	704.16	1/4	1,044.60	1/4	1,387.27	1/4	1,730.13	1/4	2,073.00	1/4	2,415.87	1/4	2,758.73	1/4	3,101.55
1/2	68.51	1/2	371.24	1/2	711.30	1/2	1,051.70	1/2	1,394.41	1/2	1,737.28	1/2	2,080.15	1/2	2,423.02	1/2	2,765.87	1/2	3,108.69
3/4	74.30	3/4	378.05	3/4	718.44	3/4	1,058.80	3/4	1,401.55	3/4	1,744.42	3/4	2,087.29	3/4	2,430.16	3/4	2,773.02	3/4	3,115.83
5	80.08	5	384.86	5	725.59	5	1,065.90	5	1,408.70	5	1,751.56	5	2,094.43	5	2,437.30	5	2,780.16	5	3,122.97
1/4	85.97	1/4	391.75	1/4	732.71	1/4	1,073.02	1/4	1,415.84	1/4	1,758.71	1/4	2,101.58	1/4	2,444.44	1/4	2,787.30	1/4	3,130.11
1/2	91.85	1/2	398.64	1/2	739.84	1/2	1,080.15	1/2	1,422.98	1/2	1,765.85	1/2	2,108.72	1/2	2,451.59	1/2	2,794.44	1/2	3,137.26
3/4	97.74	3/4	405.53	3/4	746.96	3/4	1,087.27	3/4	1,430.12	3/4	1,772.99	3/4	2,115.86	3/4	2,458.73	3/4	2,801.59	3/4	3,144.40
6	103.62	6	412.43	6	754.09	6	1,094.40	6	1,437.27	6	1,780.14	6	2,123.01	6	2,465.87	6	2,808.73	6	3,151.54
1/4	109.59	1/4	419.40	1/4	761.19	1/4	1,101.54	1/4	1,444.41	1/4	1,787.28	1/4	2,130.15	1/4	2,473.02	1/4	2,815.87	1/4	3,158.68
1/2	115.57	1/2	426.37	1/2	768.29	1/2	1,108.69	1/2	1,451.55	1/2	1,794.42	1/2	2,137.29	1/2	2,480.16	1/2	2,823.02	1/2	3,165.82
3/4	121.54	3/4	433.35	3/4	775.39	3/4	1,115.83	3/4	1,458.70	3/4	1,801.57	3/4	2,144.43	3/4	2,487.30	3/4	2,830.16	3/4	3,172.96
7	127.52	7	440.32	7	782.49	7	1,122.97	7	1,465.84	7	1,808.71	7	2,151.58	7	2,494.45	7	2,837.30	7	3,180.10
1/4	133.57	1/4	447.37	1/4	789.58	1/4	1,130.11	1/4	1,472.98	1/4	1,815.85	1/4	2,158.72	1/4	2,501.59	1/4	2,844.44	1/4	3,187.24
1/2	139.63	1/2	454.43	1/2	796.66	1/2	1,137.26	1/2	1,480.13	1/2	1,823.00	1/2	2,165.86	1/2	2,508.73	1/2	2,851.59	1/2	3,194.38
3/4	145.69	3/4	461.48	3/4	803.75	3/4	1,144.40	3/4	1,487.27	3/4	1,830.14	3/4	2,173.01	3/4	2,515.88	3/4	2,858.73	3/4	3,201.52
8	151.75	8	468.54	8	810.84	8	1,151.54	8	1,494.41	8	1,837.28	8	2,180.15	8	2,523.02	8	2,865.87	8	3,208.66
1/4	157.89	1/4	475.66	1/4	817.92	1/4	1,158.69	1/4	1,501.56	1/4	1,844.42	1/4	2,187.29	1/4	2,530.16	1/4	2,873.01	1/4	3,215.80
1/2	164.03	1/2	482.78	1/2	825.00	1/2	1,165.83	1/2	1,508.70	1/2	1,851.57	1/2	2,194.44	1/2	2,537.31	1/2	2,880.16	1/2	3,222.94
3/4	170.17	3/4	489.90	3/4	832.08	3/4	1,172.97	3/4	1,515.84	3/4	1,858.71	3/4	2,201.58	3/4	2,544.45	3/4	2,887.30	3/4	3,230.08
9	176.31	9	497.02	9	839.17	9	1,180.12	9	1,522.99	9	1,865.85	9	2,208.72	9	2,551.59	9	2,894.44	9	3,237.22
1/4	182.54	1/4	504.16	1/4	846.25	1/4	1,187.26	1/4	1,530.13	1/4	1,873.00	1/4	2,215.87	1/4	2,558.73	1/4	2,901.58	1/4	3,244.37
1/2	188.76	1/2	511.30	1/2	853.33	1/2	1,194.40	1/2	1,537.27	1/2	1,880.14	1/2	2,223.01	1/2	2,565.88	1/2	2,908.73	1/2	3,251.51
3/4	194.99	3/4	518.44	3/4	860.41	3/4	1,201.55	3/4	1,544.41	3/4	1,887.28	3/4	2,230.15	3/4	2,573.02	3/4	2,915.87	3/4	3,258.65
10	201.21	10	525.59	10	867.50	10	1,208.69	10	1,551.56	10	1,894.43	10	2,237.30	10	2,580.16	10	2,923.01	10	3,265.79
1/4	207.52	1/4	532.73	1/4	874.58	1/4	1,215.83	1/4	1,558.70	1/4	1,901.57	1/4	2,244.44	1/4	2,587.31	1/4	2,930.15	1/4	3,272.93
1/2	213.83	1/2	539.87	1/2	881.66	1/2	1,222.97	1/2	1,565.84	1/2	1,908.71	1/2	2,251.58	1/2	2,594.45	1/2	2,937.30	1/2	3,280.07
3/4	220.14	3/4	547.02	3/4	888.74	3/4	1,230.12	3/4	1,572.99	3/4	1,915.86	3/4	2,258.72	3/4	2,601.59	3/4	2,944.44	3/4	3,287.21
11	226.45	11	554.16	11	895.83	11	1,237.26	11	1,580.13	11	1,923.00	11	2,265.87	11	2,608.74	11	2,951.58	11	3,294.35
1/4	232.84	1/4	561.30	1/4	902.91	1/4	1,244.40	1/4	1,587.27	1/4	1,930.14	1/4	2,273.01	1/4	2,615.88	1/4	2,958.72	1/4	3,301.49
1/2	239.23	1/2	568.44	1/2	909.99	1/2	1,251.55	1/2	1,594.42	1/2	1,937.28	1/2	2,280.15	1/2	2,623.02	1/2	2,965.87	1/2	3,308.63
3/4	245.62	3/4	575.59	3/4	917.07	3/4	1,258.69	3/4	1,601.56	3/4	1,944.43	3/4	2,287.30	3/4	2,630.16	3/4	2,973.01	3/4	3,315.77

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME  
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 1 PORT

### INNAGE TABLE

#### 10" HATCH

#### GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,322.91	0	3,665.68	0	4,008.53	0	4,350.92	0	4,692.20	0	5,013.35	0		0		0		0	
1/4	3,330.05	1/4	3,672.82	1/4	4,015.67	1/4	4,358.03	1/4	4,699.31	1/4	5,016.54	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,337.19	1/2	3,679.96	1/2	4,022.81	1/2	4,365.14	1/2	4,706.42	1/2	5,019.74	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,344.34	3/4	3,687.11	3/4	4,029.95	3/4	4,372.25	3/4	4,713.53	3/4	5,022.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,351.48	1	3,694.25	1	4,037.10	1	4,379.36	1	4,720.64	1	5,026.13	1	1	1	1	1	1	1	1
1/4	3,358.62	1/4	3,701.39	1/4	4,044.24	1/4	4,386.47	1/4	4,727.75	1/4	5,028.13	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,365.76	1/2	3,708.53	1/2	4,051.38	1/2	4,393.58	1/2	4,734.86	1/2	5,030.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,372.90	3/4	3,715.68	3/4	4,058.53	3/4	4,400.69	3/4	4,741.97	3/4	5,032.15	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,380.04	2	3,722.82	2	4,065.67	2	4,407.80	2	4,749.08	2	5,034.15	2	2	2	2	2	2	2	2
1/4	3,387.18	1/4	3,729.96	1/4	4,072.81	1/4	4,414.91	1/4	4,756.19	1/4	5,035.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,394.32	1/2	3,737.10	1/2	4,079.95	1/2	4,422.02	1/2	4,763.30	1/2	5,036.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,401.46	3/4	3,744.25	3/4	4,087.10	3/4	4,429.13	3/4	4,770.41	3/4	5,036.94	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,408.60	3	3,751.39	3	4,094.24	3	4,436.24	3	4,777.52	3	5,037.86	3	3	3	3	3	3	3	3
1/4	3,415.74	1/4	3,758.53	1/4	4,101.38	1/4	4,443.35	1/4	4,784.63	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,422.88	1/2	3,765.67	1/2	4,108.52	1/2	4,450.46	1/2	4,791.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,430.02	3/4	3,772.82	3/4	4,115.67	3/4	4,457.57	3/4	4,798.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,437.16	4	3,779.96	4	4,122.81	4	4,464.68	4	4,805.96	4	4	4	4	4	4	4	4	4	4
1/4	3,444.31	1/4	3,787.10	1/4	4,129.95	1/4	4,471.79	1/4	4,813.05	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,451.45	1/2	3,794.25	1/2	4,137.10	1/2	4,478.90	1/2	4,820.14	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,458.59	3/4	3,801.39	3/4	4,144.24	3/4	4,486.01	3/4	4,827.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,465.73	5	3,808.53	5	4,151.38	5	4,493.12	5	4,834.31	5	5	5	5	5	5	5	5	5	5
1/4	3,472.87	1/4	3,815.67	1/4	4,158.52	1/4	4,500.23	1/4	4,841.37	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,480.01	1/2	3,822.82	1/2	4,165.67	1/2	4,507.34	1/2	4,848.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,487.15	3/4	3,829.96	3/4	4,172.81	3/4	4,514.45	3/4	4,855.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,494.29	6	3,837.10	6	4,179.95	6	4,521.56	6	4,862.57	6	6	6	6	6	6	6	6	6	6
1/4	3,501.43	1/4	3,844.24	1/4	4,187.09	1/4	4,528.67	1/4	4,869.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,508.57	1/2	3,851.39	1/2	4,194.24	1/2	4,535.78	1/2	4,876.70	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,515.71	3/4	3,858.53	3/4	4,201.38	3/4	4,542.89	3/4	4,883.76	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,522.85	7	3,865.67	7	4,208.52	7	4,550.00	7	4,890.83	7	7	7	7	7	7	7	7	7	7
1/4	3,529.99	1/4	3,872.82	1/4	4,215.66	1/4	4,557.11	1/4	4,897.89	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,537.13	1/2	3,879.96	1/2	4,222.81	1/2	4,564.22	1/2	4,904.94	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,544.28	3/4	3,887.10	3/4	4,229.95	3/4	4,571.33	3/4	4,912.00	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,551.42	8	3,894.24	8	4,237.09	8	4,578.44	8	4,919.06	8	8	8	8	8	8	8	8	8	8
1/4	3,558.56	1/4	3,901.39	1/4	4,244.22	1/4	4,585.55	1/4	4,926.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,565.70	1/2	3,908.53	1/2	4,251.34	1/2	4,592.66	1/2	4,933.11	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,572.84	3/4	3,915.67	3/4	4,258.47	3/4	4,599.77	3/4	4,940.13	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,579.98	9	3,922.81	9	4,265.60	9	4,606.88	9	4,947.15	9	9	9	9	9	9	9	9	9	9
1/4	3,587.12	1/4	3,929.96	1/4	4,272.71	1/4	4,613.99	1/4	4,953.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,594.26	1/2	3,937.10	1/2	4,279.82	1/2	4,621.10	1/2	4,960.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,601.40	3/4	3,944.24	3/4	4,286.93	3/4	4,628.21	3/4	4,966.91	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,608.54	10	3,951.38	10	4,294.04	10	4,635.32	10	4,973.49	10	10	10	10	10	10	10	10	10	10
1/4	3,615.68	1/4	3,958.53	1/4	4,301.15	1/4	4,642.43	1/4	4,979.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,622.82	1/2	3,965.67	1/2	4,308.26	1/2	4,649.54	1/2	4,984.65	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,629.96	3/4	3,972.81	3/4	4,315.37	3/4	4,656.65	3/4	4,990.22	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,637.11	11	3,979.96	11	4,322.48	11	4,663.76	11	4,995.80	11	11	11	11	11	11	11	11	11	11
1/4	3,644.25	1/4	3,987.10	1/4	4,329.59	1/4	4,670.87	1/4	5,000.19	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,651.39	1/2	3,994.24	1/2	4,336.70	1/2	4,677.98	1/2	5,004.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,658.53	3/4	4,001.38	3/4	4,343.81	3/4	4,685.09	3/4	5,008.96	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "FMT 3306"

## 1 STBD INNAGE TABLE

### 10" HATCH GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.15	0	251.69	0	582.07	0	924.39	0	1,266.75	0	1,609.24	0	1,951.73	0	2,294.22	0	2,636.70	0	2,979.16
1/4	3.93	1/4	258.16	1/4	589.21	1/4	931.51	1/4	1,273.89	1/4	1,616.37	1/4	1,958.86	1/4	2,301.35	1/4	2,643.83	1/4	2,986.30
1/2	5.72	1/2	264.63	1/2	596.34	1/2	938.64	1/2	1,281.02	1/2	1,623.51	1/2	1,966.00	1/2	2,308.49	1/2	2,650.97	1/2	2,993.43
3/4	7.50	3/4	271.10	3/4	603.48	3/4	945.77	3/4	1,288.16	3/4	1,630.65	3/4	1,973.13	3/4	2,315.62	3/4	2,658.10	3/4	3,000.56
1	9.28	1	277.56	1	610.61	1	952.89	1	1,295.29	1	1,637.78	1	1,980.27	1	2,322.76	1	2,665.24	1	3,007.70
1/4	12.08	1/4	284.11	1/4	617.75	1/4	960.02	1/4	1,302.43	1/4	1,644.92	1/4	1,987.41	1/4	2,329.90	1/4	2,672.37	1/4	3,014.83
1/2	14.88	1/2	290.66	1/2	624.88	1/2	967.15	1/2	1,309.56	1/2	1,652.05	1/2	1,994.54	1/2	2,337.03	1/2	2,679.51	1/2	3,021.96
3/4	17.67	3/4	297.22	3/4	632.02	3/4	974.27	3/4	1,316.70	3/4	1,659.19	3/4	2,001.68	3/4	2,344.17	3/4	2,686.64	3/4	3,029.10
2	20.47	2	303.77	2	639.15	2	981.40	2	1,323.83	2	1,666.32	2	2,008.81	2	2,351.30	2	2,693.77	2	3,036.23
1/4	24.32	1/4	310.40	1/4	646.29	1/4	988.52	1/4	1,330.97	1/4	1,673.46	1/4	2,015.95	1/4	2,358.44	1/4	2,700.91	1/4	3,043.36
1/2	28.16	1/2	317.04	1/2	653.42	1/2	995.65	1/2	1,338.10	1/2	1,680.59	1/2	2,023.08	1/2	2,365.57	1/2	2,708.04	1/2	3,050.50
3/4	32.01	3/4	323.67	3/4	660.56	3/4	1,002.78	3/4	1,345.24	3/4	1,687.73	3/4	2,030.22	3/4	2,372.71	3/4	2,715.18	3/4	3,057.63
3	35.86	3	330.30	3	667.69	3	1,009.90	3	1,352.37	3	1,694.86	3	2,037.35	3	2,379.84	3	2,722.31	3	3,064.76
1/4	41.11	1/4	337.02	1/4	674.83	1/4	1,017.03	1/4	1,359.51	1/4	1,702.00	1/4	2,044.49	1/4	2,386.98	1/4	2,729.45	1/4	3,071.89
1/2	46.36	1/2	343.74	1/2	681.96	1/2	1,024.16	1/2	1,366.64	1/2	1,709.13	1/2	2,051.62	1/2	2,394.11	1/2	2,736.58	1/2	3,079.03
3/4	51.62	3/4	350.46	3/4	689.10	3/4	1,031.29	3/4	1,373.78	3/4	1,716.27	3/4	2,058.76	3/4	2,401.25	3/4	2,743.72	3/4	3,086.16
4	56.87	4	357.18	4	696.23	4	1,038.43	4	1,380.91	4	1,723.40	4	2,065.89	4	2,408.38	4	2,750.85	4	3,093.29
1/4	62.64	1/4	363.98	1/4	703.37	1/4	1,045.56	1/4	1,388.05	1/4	1,730.54	1/4	2,073.03	1/4	2,415.52	1/4	2,757.99	1/4	3,100.42
1/2	68.42	1/2	370.78	1/2	710.50	1/2	1,052.70	1/2	1,395.18	1/2	1,737.67	1/2	2,080.16	1/2	2,422.65	1/2	2,765.12	1/2	3,107.56
3/4	74.20	3/4	377.58	3/4	717.64	3/4	1,059.83	3/4	1,402.32	3/4	1,744.81	3/4	2,087.30	3/4	2,429.79	3/4	2,772.26	3/4	3,114.69
5	79.98	5	384.38	5	724.77	5	1,066.96	5	1,409.45	5	1,751.94	5	2,094.43	5	2,436.92	5	2,779.39	5	3,121.82
1/4	85.85	1/4	391.26	1/4	731.91	1/4	1,074.10	1/4	1,416.59	1/4	1,759.08	1/4	2,101.57	1/4	2,444.06	1/4	2,786.53	1/4	3,128.96
1/2	91.73	1/2	398.15	1/2	739.04	1/2	1,081.24	1/2	1,423.72	1/2	1,766.21	1/2	2,108.70	1/2	2,451.19	1/2	2,793.66	1/2	3,136.09
3/4	97.61	3/4	405.03	3/4	746.18	3/4	1,088.37	3/4	1,430.86	3/4	1,773.35	3/4	2,115.84	3/4	2,458.33	3/4	2,800.80	3/4	3,143.22
6	103.49	6	411.92	6	753.31	6	1,095.51	6	1,438.00	6	1,780.48	6	2,122.97	6	2,465.46	6	2,807.93	6	3,150.35
1/4	109.45	1/4	418.89	1/4	760.45	1/4	1,102.64	1/4	1,445.13	1/4	1,787.62	1/4	2,130.11	1/4	2,472.60	1/4	2,815.06	1/4	3,157.49
1/2	115.42	1/2	425.85	1/2	767.58	1/2	1,109.78	1/2	1,452.27	1/2	1,794.75	1/2	2,137.24	1/2	2,479.73	1/2	2,822.20	1/2	3,164.62
3/4	121.38	3/4	432.82	3/4	774.71	3/4	1,116.91	3/4	1,459.40	3/4	1,801.89	3/4	2,144.38	3/4	2,486.87	3/4	2,829.33	3/4	3,171.75
7	127.35	7	439.79	7	781.85	7	1,124.05	7	1,466.54	7	1,809.03	7	2,151.51	7	2,494.00	7	2,836.47	7	3,178.89
1/4	133.40	1/4	446.84	1/4	788.98	1/4	1,131.18	1/4	1,473.67	1/4	1,816.16	1/4	2,158.65	1/4	2,501.14	1/4	2,843.60	1/4	3,186.02
1/2	139.45	1/2	453.89	1/2	796.11	1/2	1,138.32	1/2	1,480.81	1/2	1,823.30	1/2	2,165.79	1/2	2,508.28	1/2	2,850.74	1/2	3,193.15
3/4	145.50	3/4	460.95	3/4	803.24	3/4	1,145.45	3/4	1,487.94	3/4	1,830.43	3/4	2,172.92	3/4	2,515.41	3/4	2,857.87	3/4	3,200.28
8	151.55	8	468.00	8	810.37	8	1,152.59	8	1,495.08	8	1,837.57	8	2,180.06	8	2,522.55	8	2,865.01	8	3,207.42
1/4	157.68	1/4	475.11	1/4	817.50	1/4	1,159.72	1/4	1,502.21	1/4	1,844.70	1/4	2,187.19	1/4	2,529.68	1/4	2,872.14	1/4	3,214.55
1/2	163.82	1/2	482.22	1/2	824.62	1/2	1,166.86	1/2	1,509.35	1/2	1,851.84	1/2	2,194.33	1/2	2,536.82	1/2	2,879.28	1/2	3,221.68
3/4	169.95	3/4	489.34	3/4	831.75	3/4	1,173.99	3/4	1,516.48	3/4	1,858.97	3/4	2,201.46	3/4	2,543.95	3/4	2,886.41	3/4	3,228.82
9	176.09	9	496.45	9	838.87	9	1,181.13	9	1,523.62	9	1,866.11	9	2,208.60	9	2,551.09	9	2,893.55	9	3,235.95
1/4	182.30	1/4	503.59	1/4	846.00	1/4	1,188.26	1/4	1,530.75	1/4	1,873.24	1/4	2,215.73	1/4	2,558.22	1/4	2,900.68	1/4	3,243.08
1/2	188.52	1/2	510.72	1/2	853.13	1/2	1,195.40	1/2	1,537.89	1/2	1,880.38	1/2	2,222.87	1/2	2,565.36	1/2	2,907.82	1/2	3,250.21
3/4	194.74	3/4	517.86	3/4	860.25	3/4	1,202.53	3/4	1,545.02	3/4	1,887.51	3/4	2,230.00	3/4	2,572.49	3/4	2,914.95	3/4	3,257.35
10	200.96	10	524.99	10	867.38	10	1,209.67	10	1,552.16	10	1,894.65	10	2,237.14	10	2,579.63	10	2,922.09	10	3,264.48
1/4	207.26	1/4	532.13	1/4	874.50	1/4	1,216.80	1/4	1,559.29	1/4	1,901.78	1/4	2,244.27	1/4	2,586.76	1/4	2,929.22	1/4	3,271.61
1/2	213.56	1/2	539.26	1/2	881.63	1/2	1,223.94	1/2	1,566.43	1/2	1,908.92	1/2	2,251.41	1/2	2,593.90	1/2	2,936.35	1/2	3,278.74
3/4	219.86	3/4	546.40	3/4	888.76	3/4	1,231.07	3/4	1,573.56	3/4	1,916.05	3/4	2,258.54	3/4	2,601.03	3/4	2,943.49	3/4	3,285.88
11	226.16	11	553.53	11	895.88	11	1,238.21	11	1,580.70	11	1,923.19	11	2,265.68	11	2,608.17	11	2,950.62	11	3,293.01
1/4	232.54	1/4	560.67	1/4	903.01	1/4	1,245.34	1/4	1,587.83	1/4	1,930.32	1/4	2,272.81	1/4	2,615.30	1/4	2,957.76	1/4	3,300.14
1/2	238.93	1/2	567.80	1/2	910.14	1/2	1,252.48	1/2	1,594.97	1/2	1,937.46	1/2	2,279.95	1/2	2,622.43	1/2	2,964.89	1/2	3,307.28
3/4	245.31	3/4	574.94	3/4	917.26	3/4	1,259.62	3/4	1,602.10	3/4	1,944.59	3/4	2,287.08	3/4	2,629.56	3/4	2,972.03	3/4	3,314.41

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME  
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 1 STBD

### INNAGE TABLE

### 10" HATCH

### GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,321.54	0	3,663.92	0	4,006.39	0	4,348.40	0	4,689.30	0	5,010.08	0		0		0		0	
1/4	3,328.67	1/4	3,671.06	1/4	4,013.53	1/4	4,355.50	1/4	4,696.40	1/4	5,013.28	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,335.81	1/2	3,678.19	1/2	4,020.66	1/2	4,362.60	1/2	4,703.50	1/2	5,016.47	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,342.94	3/4	3,685.33	3/4	4,027.80	3/4	4,369.70	3/4	4,710.61	3/4	5,019.66	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	3,350.07	1	3,692.46	1	4,034.93	1	4,376.81	1	4,717.71	1	5,022.85	1	1	1	1	1	1	1	1
1/4	3,357.21	1/4	3,699.60	1/4	4,042.07	1/4	4,383.91	1/4	4,724.81	1/4	5,024.86	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,364.34	1/2	3,706.73	1/2	4,049.20	1/2	4,391.01	1/2	4,731.91	1/2	5,026.86	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,371.47	3/4	3,713.87	3/4	4,056.34	3/4	4,398.11	3/4	4,739.01	3/4	5,028.86	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	3,378.60	2	3,721.00	2	4,063.47	2	4,405.21	2	4,746.12	2	5,030.86	2	2	2	2	2	2	2	2
1/4	3,385.74	1/4	3,728.13	1/4	4,070.61	1/4	4,412.32	1/4	4,753.22	1/4	5,031.79	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,392.87	1/2	3,735.27	1/2	4,077.74	1/2	4,419.42	1/2	4,760.32	1/2	5,032.72	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,400.00	3/4	3,742.40	3/4	4,084.87	3/4	4,426.52	3/4	4,767.42	3/4	5,033.65	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3,407.14	3	3,749.54	3	4,092.01	3	4,433.62	3	4,774.52	3	5,034.57	3	3	3	3	3	3	3	3
1/4	3,414.27	1/4	3,756.67	1/4	4,099.14	1/4	4,440.73	1/4	4,781.63	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,421.40	1/2	3,763.81	1/2	4,106.28	1/2	4,447.83	1/2	4,788.73	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,428.53	3/4	3,770.94	3/4	4,113.41	3/4	4,454.93	3/4	4,795.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	3,435.67	4	3,778.08	4	4,120.55	4	4,462.03	4	4,802.93	4	4	4	4	4	4	4	4	4	4
1/4	3,442.80	1/4	3,785.21	1/4	4,127.68	1/4	4,469.13	1/4	4,810.01	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,449.93	1/2	3,792.35	1/2	4,134.82	1/2	4,476.24	1/2	4,817.09	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,457.06	3/4	3,799.48	3/4	4,141.95	3/4	4,483.34	3/4	4,824.17	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	3,464.20	5	3,806.62	5	4,149.09	5	4,490.44	5	4,831.25	5	5	5	5	5	5	5	5	5	5
1/4	3,471.33	1/4	3,813.75	1/4	4,156.22	1/4	4,497.54	1/4	4,838.31	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,478.46	1/2	3,820.89	1/2	4,163.36	1/2	4,504.64	1/2	4,845.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,485.60	3/4	3,828.02	3/4	4,170.49	3/4	4,511.75	3/4	4,852.42	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,492.73	6	3,835.16	6	4,177.63	6	4,518.85	6	4,859.48	6	6	6	6	6	6	6	6	6	6
1/4	3,499.86	1/4	3,842.29	1/4	4,184.76	1/4	4,525.95	1/4	4,866.54	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,506.99	1/2	3,849.43	1/2	4,191.90	1/2	4,533.05	1/2	4,873.59	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,514.13	3/4	3,856.56	3/4	4,199.03	3/4	4,540.15	3/4	4,880.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,521.26	7	3,863.70	7	4,206.17	7	4,547.26	7	4,887.71	7	7	7	7	7	7	7	7	7	7
1/4	3,528.39	1/4	3,870.83	1/4	4,213.30	1/4	4,554.36	1/4	4,894.76	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,535.53	1/2	3,877.97	1/2	4,220.44	1/2	4,561.46	1/2	4,901.80	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,542.66	3/4	3,885.10	3/4	4,227.57	3/4	4,568.56	3/4	4,908.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,549.79	8	3,892.24	8	4,234.71	8	4,575.67	8	4,915.90	8	8	8	8	8	8	8	8	8	8
1/4	3,556.92	1/4	3,899.37	1/4	4,241.82	1/4	4,582.77	1/4	4,922.92	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,564.06	1/2	3,906.50	1/2	4,248.94	1/2	4,589.87	1/2	4,929.93	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,571.19	3/4	3,913.64	3/4	4,256.06	3/4	4,596.97	3/4	4,936.95	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,578.32	9	3,920.77	9	4,263.17	9	4,604.07	9	4,943.97	9	9	9	9	9	9	9	9	9	9
1/4	3,585.46	1/4	3,927.91	1/4	4,270.28	1/4	4,611.18	1/4	4,950.54	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,592.59	1/2	3,935.04	1/2	4,277.38	1/2	4,618.28	1/2	4,957.12	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,599.72	3/4	3,942.18	3/4	4,284.48	3/4	4,625.38	3/4	4,963.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,606.85	10	3,949.31	10	4,291.58	10	4,632.48	10	4,970.27	10	10	10	10	10	10	10	10	10	10
1/4	3,613.99	1/4	3,956.45	1/4	4,298.68	1/4	4,639.58	1/4	4,975.84	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,621.12	1/2	3,963.58	1/2	4,305.79	1/2	4,646.69	1/2	4,981.41	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,628.25	3/4	3,970.72	3/4	4,312.89	3/4	4,653.79	3/4	4,986.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	3,635.38	11	3,977.85	11	4,319.99	11	4,660.89	11	4,992.56	11	11	11	11	11	11	11	11	11	11
1/4	3,642.52	1/4	3,984.99	1/4	4,327.09	1/4	4,667.99	1/4	4,996.94	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,649.65	1/2	3,992.12	1/2	4,334.19	1/2	4,675.09	1/2	5,001.32	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,656.79	3/4	3,999.26	3/4	4,341.30	3/4	4,682.20	3/4	5,005.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## 2 PORT INNAGE TABLE

### 10" HATCH GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.16	0	301.30	0	645.46	0	981.73	0	1,319.25	0	1,663.42	0	2,007.59	0	2,351.76	0	2,695.93	0	3,040.10
1/4	3.95	1/4	308.47	1/4	652.63	1/4	988.59	1/4	1,326.42	1/4	1,670.59	1/4	2,014.76	1/4	2,358.93	1/4	2,730.10	1/4	3,075.26
1/2	5.74	1/2	315.64	1/2	659.80	1/2	995.45	1/2	1,333.59	1/2	1,677.76	1/2	2,021.93	1/2	2,366.10	1/2	2,710.27	1/2	3,054.42
3/4	7.54	3/4	322.81	3/4	666.97	3/4	1,002.32	3/4	1,340.76	3/4	1,684.93	3/4	2,029.10	3/4	2,373.27	3/4	2,717.44	3/4	3,061.59
1	9.33	1	329.98	1	674.14	1	1,009.18	1	1,347.93	1	1,692.10	1	2,036.27	1	2,380.44	1	2,724.61	1	3,068.75
1/4	12.91	1/4	337.15	1/4	681.31	1/4	1,016.04	1/4	1,355.10	1/4	1,699.27	1/4	2,043.44	1/4	2,387.61	1/4	2,731.78	1/4	3,075.92
1/2	16.50	1/2	344.32	1/2	688.48	1/2	1,022.90	1/2	1,362.27	1/2	1,706.44	1/2	2,050.61	1/2	2,394.78	1/2	2,738.95	1/2	3,083.09
3/4	20.08	3/4	351.49	3/4	695.65	3/4	1,029.76	3/4	1,369.44	3/4	1,713.61	3/4	2,057.78	3/4	2,401.95	3/4	2,746.12	3/4	3,090.26
2	23.67	2	358.66	2	702.82	2	1,036.62	2	1,376.61	2	1,720.78	2	2,064.95	2	2,409.12	2	2,753.29	2	3,097.43
1/4	29.04	1/4	365.83	1/4	709.99	1/4	1,043.49	1/4	1,383.78	1/4	1,727.95	1/4	2,072.12	1/4	2,416.29	1/4	2,760.46	1/4	3,104.59
1/2	34.42	1/2	373.00	1/2	717.16	1/2	1,050.35	1/2	1,390.95	1/2	1,735.12	1/2	2,079.29	1/2	2,423.46	1/2	2,767.63	1/2	3,111.76
3/4	39.80	3/4	380.17	3/4	724.33	3/4	1,057.21	3/4	1,398.12	3/4	1,742.29	3/4	2,086.46	3/4	2,430.63	3/4	2,774.80	3/4	3,118.93
3	45.17	3	387.34	3	731.50	3	1,064.07	3	1,405.29	3	1,749.46	3	2,093.63	3	2,437.80	3	2,781.97	3	3,126.10
1/4	51.88	1/4	394.51	1/4	738.67	1/4	1,070.94	1/4	1,412.46	1/4	1,756.63	1/4	2,100.80	1/4	2,444.97	1/4	2,789.14	1/4	3,133.27
1/2	58.58	1/2	401.68	1/2	745.84	1/2	1,077.80	1/2	1,419.63	1/2	1,763.80	1/2	2,107.97	1/2	2,452.14	1/2	2,796.31	1/2	3,140.43
3/4	65.28	3/4	408.85	3/4	753.01	3/4	1,084.67	3/4	1,426.80	3/4	1,770.97	3/4	2,115.14	3/4	2,459.31	3/4	2,803.48	3/4	3,147.60
4	71.99	4	416.02	4	760.18	4	1,091.54	4	1,433.97	4	1,778.14	4	2,122.31	4	2,466.48	4	2,810.65	4	3,154.77
1/4	79.13	1/4	423.19	1/4	767.35	1/4	1,098.41	1/4	1,441.14	1/4	1,785.31	1/4	2,129.48	1/4	2,473.65	1/4	2,817.82	1/4	3,161.94
1/2	86.28	1/2	430.36	1/2	774.52	1/2	1,105.29	1/2	1,448.31	1/2	1,792.48	1/2	2,136.65	1/2	2,480.82	1/2	2,824.99	1/2	3,169.11
3/4	93.43	3/4	437.53	3/4	781.69	3/4	1,112.17	3/4	1,455.48	3/4	1,799.65	3/4	2,143.82	3/4	2,487.99	3/4	2,832.16	3/4	3,176.27
5	100.57	5	444.70	5	788.86	5	1,119.05	5	1,462.65	5	1,806.82	5	2,150.99	5	2,495.16	5	2,839.33	5	3,183.44
1/4	107.74	1/4	451.87	1/4	795.88	1/4	1,126.08	1/4	1,469.82	1/4	1,813.99	1/4	2,158.16	1/4	2,502.33	1/4	2,846.50	1/4	3,190.61
1/2	114.90	1/2	459.04	1/2	802.91	1/2	1,133.11	1/2	1,476.99	1/2	1,821.16	1/2	2,165.33	1/2	2,509.50	1/2	2,853.67	1/2	3,197.78
3/4	122.06	3/4	466.21	3/4	809.94	3/4	1,140.13	3/4	1,484.16	3/4	1,828.33	3/4	2,172.50	3/4	2,516.67	3/4	2,860.84	3/4	3,204.95
6	129.23	6	473.38	6	816.97	6	1,147.16	6	1,491.33	6	1,835.50	6	2,179.67	6	2,523.84	6	2,868.01	6	3,212.12
1/4	136.40	1/4	480.55	1/4	823.85	1/4	1,154.33	1/4	1,498.50	1/4	1,842.67	1/4	2,186.84	1/4	2,531.01	1/4	2,875.18	1/4	3,219.28
1/2	143.57	1/2	487.72	1/2	830.73	1/2	1,161.50	1/2	1,505.67	1/2	1,849.84	1/2	2,194.01	1/2	2,538.18	1/2	2,882.35	1/2	3,226.45
3/4	150.74	3/4	494.89	3/4	837.60	3/4	1,168.67	3/4	1,512.84	3/4	1,857.01	3/4	2,201.18	3/4	2,545.35	3/4	2,889.52	3/4	3,233.62
7	157.90	7	502.06	7	844.48	7	1,175.84	7	1,520.01	7	1,864.18	7	2,208.35	7	2,552.52	7	2,896.69	7	3,240.79
1/4	165.07	1/4	509.23	1/4	851.35	1/4	1,183.01	1/4	1,527.18	1/4	1,871.35	1/4	2,215.52	1/4	2,559.69	1/4	2,903.86	1/4	3,247.96
1/2	172.24	1/2	516.40	1/2	858.21	1/2	1,190.18	1/2	1,534.35	1/2	1,878.52	1/2	2,222.69	1/2	2,566.86	1/2	2,911.03	1/2	3,255.12
3/4	179.41	3/4	523.57	3/4	865.08	3/4	1,197.35	3/4	1,541.52	3/4	1,885.69	3/4	2,229.86	3/4	2,574.03	3/4	2,918.20	3/4	3,262.29
8	186.58	8	530.74	8	871.94	8	1,204.53	8	1,548.69	8	1,892.86	8	2,237.03	8	2,581.20	8	2,925.37	8	3,269.46
1/4	193.75	1/4	537.91	1/4	878.81	1/4	1,211.70	1/4	1,555.86	1/4	1,900.03	1/4	2,244.20	1/4	2,588.37	1/4	2,932.54	1/4	3,276.63
1/2	200.92	1/2	545.08	1/2	885.67	1/2	1,218.87	1/2	1,563.04	1/2	1,907.20	1/2	2,251.37	1/2	2,595.54	1/2	2,939.71	1/2	3,283.80
3/4	208.09	3/4	552.25	3/4	892.53	3/4	1,226.04	3/4	1,570.21	3/4	1,914.37	3/4	2,258.54	3/4	2,602.71	3/4	2,946.88	3/4	3,290.96
9	215.26	9	559.42	9	899.39	9	1,233.21	9	1,577.38	9	1,921.55	9	2,265.71	9	2,609.88	9	2,954.05	9	3,298.13
1/4	222.43	1/4	566.59	1/4	906.25	1/4	1,240.38	1/4	1,584.55	1/4	1,928.72	1/4	2,272.88	1/4	2,617.05	1/4	2,961.22	1/4	3,305.30
1/2	229.60	1/2	573.76	1/2	913.11	1/2	1,247.55	1/2	1,591.72	1/2	1,935.89	1/2	2,280.06	1/2	2,624.22	1/2	2,968.39	1/2	3,312.47
3/4	236.77	3/4	580.93	3/4	919.98	3/4	1,254.72	3/4	1,598.89	3/4	1,943.06	3/4	2,287.23	3/4	2,631.39	3/4	2,975.56	3/4	3,319.64
10	243.94	10	588.10	10	926.84	10	1,261.89	10	1,606.06	10	1,950.23	10	2,294.40	10	2,638.57	10	2,982.73	10	3,326.80
1/4	251.11	1/4	595.27	1/4	933.70	1/4	1,269.06	1/4	1,613.23	1/4	1,957.40	1/4	2,301.57	1/4	2,645.74	1/4	2,989.90	1/4	3,333.97
1/2	258.28	1/2	602.44	1/2	940.56	1/2	1,276.23	1/2	1,620.40	1/2	1,964.57	1/2	2,308.74	1/2	2,652.91	1/2	2,997.07	1/2	3,341.14
3/4	265.45	3/4	609.61	3/4	947.42	3/4	1,283.40	3/4	1,627.57	3/4	1,971.74	3/4	2,315.91	3/4	2,660.08	3/4	3,004.25	3/4	3,348.31
11	272.62	11	616.78	11	954.28	11	1,290.57	11	1,634.74	11	1,978.91	11	2,323.08	11	2,667.25	11	3,011.42	11	3,355.48
1/4	279.79	1/4	623.95	1/4	961.15	1/4	1,297.74	1/4	1,641.91	1/4	1,986.08	1/4	2,330.25	1/4	2,674.42	1/4	3,018.59	1/4	3,362.65
1/2	286.96	1/2	631.12	1/2	968.01	1/2	1,304.91	1/2	1,649.08	1/2	1,993.25	1/2	2,337.42	1/2	2,681.59	1/2	3,025.76	1/2	3,369.81
3/4	294.13	3/4	638.29	3/4	974.87	3/4	1,312.08	3/4	1,656.25	3/4	2,000.42	3/4	2,344.59	3/4	2,688.76	3/4	3,032.93	3/4	3,376.98

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME  
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 2 PORT

### INNAGE TABLE

#### 10" HATCH

#### GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,384.15	0	3,728.22	0	4,072.29	0	4,415.90	0	4,758.40	0	5,080.68	0		0		0		0	3,040.10
1/4	3,391.32	1/4	3,735.39	1/4	4,079.46	1/4	4,423.04	1/4	4,765.54	1/4	5,083.89	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,047.26
1/2	3,398.49	1/2	3,742.55	1/2	4,086.62	1/2	4,430.17	1/2	4,772.67	1/2	5,087.10	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,054.42
3/4	3,405.65	3/4	3,749.72	3/4	4,093.79	3/4	4,437.31	3/4	4,779.81	3/4	5,090.30	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,061.59
1	3,412.82	1	3,756.89	1	4,100.96	1	4,444.44	1	4,786.94	1	5,093.51	1	1	1	1	1	1	1	3,068.75
1/4	3,419.99	1/4	3,764.06	1/4	4,108.13	1/4	4,451.58	1/4	4,794.08	1/4	5,095.52	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,075.92
1/2	3,427.16	1/2	3,771.23	1/2	4,115.30	1/2	4,458.71	1/2	4,801.21	1/2	5,097.53	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,083.09
3/4	3,434.33	3/4	3,778.39	3/4	4,122.46	3/4	4,465.85	3/4	4,808.35	3/4	5,099.54	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,090.26
2	3,441.49	2	3,785.56	2	4,129.63	2	4,472.98	2	4,815.48	2	5,101.55	2	2	2	2	2	2	2	3,097.43
1/4	3,448.66	1/4	3,792.73	1/4	4,136.80	1/4	4,480.12	1/4	4,822.62	1/4	5,102.49	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,104.59
1/2	3,455.83	1/2	3,799.90	1/2	4,143.97	1/2	4,487.26	1/2	4,829.75	1/2	5,103.42	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,111.76
3/4	3,463.00	3/4	3,807.07	3/4	4,151.14	3/4	4,494.39	3/4	4,836.89	3/4	5,104.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,118.93
3	3,470.17	3	3,814.24	3	4,158.30	3	4,501.53	3	4,844.03	3	5,105.28	3	3	3	3	3	3	3	3,126.10
1/4	3,477.33	1/4	3,821.40	1/4	4,165.47	1/4	4,508.66	1/4	4,851.16	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,133.27
1/2	3,484.50	1/2	3,828.57	1/2	4,172.64	1/2	4,515.80	1/2	4,858.30	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,140.43
3/4	3,491.67	3/4	3,835.74	3/4	4,179.81	3/4	4,522.93	3/4	4,865.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,147.60
4	3,498.84	4	3,842.91	4	4,186.98	4	4,530.07	4	4,872.57	4	4	4	4	4	4	4	4	4	3,154.77
1/4	3,506.01	1/4	3,850.08	1/4	4,194.14	1/4	4,537.20	1/4	4,879.68	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,161.94
1/2	3,513.18	1/2	3,857.24	1/2	4,201.31	1/2	4,544.34	1/2	4,886.79	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,169.11
3/4	3,520.34	3/4	3,864.41	3/4	4,208.48	3/4	4,551.47	3/4	4,893.91	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,176.27
5	3,527.51	5	3,871.58	5	4,215.65	5	4,558.61	5	4,901.02	5	5	5	5	5	5	5	5	5	3,183.44
1/4	3,534.68	1/4	3,878.75	1/4	4,222.82	1/4	4,565.74	1/4	4,908.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,190.61
1/2	3,541.85	1/2	3,885.92	1/2	4,229.99	1/2	4,572.88	1/2	4,915.20	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,197.78
3/4	3,549.02	3/4	3,893.08	3/4	4,237.15	3/4	4,580.02	3/4	4,922.29	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,204.95
6	3,556.18	6	3,900.25	6	4,244.32	6	4,587.15	6	4,929.38	6	6	6	6	6	6	6	6	6	3,212.12
1/4	3,563.35	1/4	3,907.42	1/4	4,251.49	1/4	4,594.29	1/4	4,936.47	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,219.28
1/2	3,570.52	1/2	3,914.59	1/2	4,258.66	1/2	4,601.42	1/2	4,943.56	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,226.45
3/4	3,577.69	3/4	3,921.76	3/4	4,265.83	3/4	4,608.56	3/4	4,950.65	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,233.62
7	3,584.86	7	3,928.93	7	4,272.99	7	4,615.69	7	4,957.74	7	7	7	7	7	7	7	7	7	3,240.79
1/4	3,592.02	1/4	3,936.09	1/4	4,280.16	1/4	4,622.83	1/4	4,964.82	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,247.96
1/2	3,599.19	1/2	3,943.26	1/2	4,287.33	1/2	4,629.96	1/2	4,971.90	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,255.12
3/4	3,606.36	3/4	3,950.43	3/4	4,294.50	3/4	4,637.10	3/4	4,978.98	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,262.29
8	3,613.53	8	3,957.60	8	4,301.67	8	4,644.23	8	4,986.06	8	8	8	8	8	8	8	8	8	3,269.46
1/4	3,620.70	1/4	3,964.77	1/4	4,308.82	1/4	4,651.37	1/4	4,993.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,276.63
1/2	3,627.86	1/2	3,971.93	1/2	4,315.97	1/2	4,658.51	1/2	5,000.16	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,283.80
3/4	3,635.03	3/4	3,979.10	3/4	4,323.12	3/4	4,665.64	3/4	5,007.21	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,290.96
9	3,642.20	9	3,986.27	9	4,330.28	9	4,672.78	9	5,014.26	9	9	9	9	9	9	9	9	9	3,298.13
1/4	3,649.37	1/4	3,993.44	1/4	4,337.41	1/4	4,679.91	1/4	5,020.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,305.30
1/2	3,656.54	1/2	4,000.61	1/2	4,344.55	1/2	4,687.05	1/2	5,027.47	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,312.47
3/4	3,663.71	3/4	4,007.77	3/4	4,351.68	3/4	4,694.18	3/4	5,034.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,319.64
10	3,670.87	10	4,014.94	10	4,358.82	10	4,701.32	10	5,040.69	10	10	10	10	10	10	10	10	10	3,326.80
1/4	3,678.04	1/4	4,022.11	1/4	4,365.95	1/4	4,708.45	1/4	5,046.29	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,333.97
1/2	3,685.21	1/2	4,029.28	1/2	4,373.09	1/2	4,715.59	1/2	5,051.88	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,341.14
3/4	3,692.38	3/4	4,036.45	3/4	4,380.22	3/4	4,722.72	3/4	5,057.48	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,348.31
11	3,699.55	11	4,043.61	11	4,387.36	11	4,729.86	11	5,063.08	11	11	11	11	11	11	11	11	11	3,355.48
1/4	3,706.71	1/4	4,050.78	1/4	4,394.50	1/4	4,736.99	1/4	5,067.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,362.65
1/2	3,713.88	1/2	4,057.95	1/2	4,401.63	1/2	4,744.13	1/2	5,071.88	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,369.81
3/4	3,721.05	3/4	4,065.12	3/4	4,408.77	3/4	4,751.27	3/4	5,076.28	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,376.98

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "FMT 3306"

## 2 STBD INNAGE TABLE

### 10" HATCH GAUGE HEIGHT 18'-01 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.16	0	300.99	0	644.78	0	988.30	0	1,331.88	0	1,675.69	0	2,019.49	0	2,363.30	0	2,707.10	0	3,050.91
1/4	3.95	1/4	308.15	1/4	651.94	1/4	995.45	1/4	1,339.05	1/4	1,682.85	1/4	2,026.66	1/4	2,370.46	1/4	2,714.27	1/4	3,058.07
1/2	5.74	1/2	315.31	1/2	659.10	1/2	1,002.60	1/2	1,346.21	1/2	1,690.01	1/2	2,033.82	1/2	2,377.62	1/2	2,721.43	1/2	3,065.23
3/4	7.53	3/4	322.47	3/4	666.26	3/4	1,009.75	3/4	1,353.37	3/4	1,697.18	3/4	2,040.98	3/4	2,384.79	3/4	2,728.59	3/4	3,072.39
1	9.32	1	329.63	1	673.43	1	1,016.89	1	1,360.54	1	1,704.34	1	2,048.14	1	2,391.95	1	2,735.75	1	3,079.56
1/4	12.90	1/4	336.80	1/4	680.59	1/4	1,024.04	1/4	1,367.70	1/4	1,711.50	1/4	2,055.31	1/4	2,399.11	1/4	2,742.92	1/4	3,086.72
1/2	16.48	1/2	343.96	1/2	687.75	1/2	1,031.19	1/2	1,374.86	1/2	1,718.67	1/2	2,062.47	1/2	2,406.27	1/2	2,750.08	1/2	3,093.88
3/4	20.06	3/4	351.12	3/4	694.91	3/4	1,038.34	3/4	1,382.02	3/4	1,725.83	3/4	2,069.63	3/4	2,413.44	3/4	2,757.24	3/4	3,101.04
2	23.64	2	358.28	2	702.07	2	1,045.49	2	1,389.19	2	1,732.99	2	2,076.80	2	2,420.60	2	2,764.40	2	3,108.20
1/4	29.01	1/4	365.45	1/4	709.24	1/4	1,052.64	1/4	1,396.35	1/4	1,740.15	1/4	2,083.96	1/4	2,427.76	1/4	2,771.57	1/4	3,115.36
1/2	34.39	1/2	372.61	1/2	716.40	1/2	1,059.78	1/2	1,403.51	1/2	1,747.32	1/2	2,091.12	1/2	2,434.93	1/2	2,778.73	1/2	3,122.52
3/4	39.76	3/4	379.77	3/4	723.56	3/4	1,066.93	3/4	1,410.67	3/4	1,754.48	3/4	2,098.28	3/4	2,442.09	3/4	2,785.89	3/4	3,129.68
3	45.13	3	386.93	3	730.72	3	1,074.08	3	1,417.84	3	1,761.64	3	2,105.45	3	2,449.25	3	2,793.06	3	3,136.84
1/4	51.82	1/4	394.10	1/4	737.89	1/4	1,081.23	1/4	1,425.00	1/4	1,768.80	1/4	2,112.61	1/4	2,456.41	1/4	2,800.22	1/4	3,144.00
1/2	58.52	1/2	401.26	1/2	745.05	1/2	1,088.39	1/2	1,432.16	1/2	1,775.97	1/2	2,119.77	1/2	2,463.58	1/2	2,807.38	1/2	3,151.16
3/4	65.22	3/4	408.42	3/4	752.21	3/4	1,095.54	3/4	1,439.32	3/4	1,783.13	3/4	2,126.93	3/4	2,470.74	3/4	2,814.54	3/4	3,158.32
4	71.91	4	415.58	4	759.37	4	1,102.69	4	1,446.49	4	1,790.29	4	2,134.10	4	2,477.90	4	2,821.71	4	3,165.48
1/4	79.05	1/4	422.74	1/4	766.53	1/4	1,109.85	1/4	1,453.65	1/4	1,797.45	1/4	2,141.26	1/4	2,485.06	1/4	2,828.87	1/4	3,172.64
1/2	86.19	1/2	429.91	1/2	773.70	1/2	1,117.01	1/2	1,460.81	1/2	1,804.62	1/2	2,148.42	1/2	2,492.23	1/2	2,836.03	1/2	3,179.80
3/4	93.33	3/4	437.07	3/4	780.86	3/4	1,124.17	3/4	1,467.97	3/4	1,811.78	3/4	2,155.58	3/4	2,499.39	3/4	2,843.19	3/4	3,186.96
5	100.47	5	444.23	5	788.02	5	1,131.33	5	1,475.14	5	1,818.94	5	2,162.75	5	2,506.55	5	2,850.36	5	3,194.12
1/4	107.62	1/4	451.39	1/4	795.18	1/4	1,138.49	1/4	1,482.30	1/4	1,826.10	1/4	2,169.91	1/4	2,513.71	1/4	2,857.52	1/4	3,201.29
1/2	114.78	1/2	458.56	1/2	802.35	1/2	1,145.66	1/2	1,489.46	1/2	1,833.27	1/2	2,177.07	1/2	2,520.88	1/2	2,864.68	1/2	3,208.45
3/4	121.94	3/4	465.72	3/4	809.51	3/4	1,152.82	3/4	1,496.62	3/4	1,840.43	3/4	2,184.23	3/4	2,528.04	3/4	2,871.84	3/4	3,215.61
6	129.09	6	472.88	6	816.67	6	1,159.98	6	1,503.79	6	1,847.59	6	2,191.40	6	2,535.20	6	2,879.01	6	3,222.77
1/4	136.25	1/4	480.04	1/4	823.83	1/4	1,167.14	1/4	1,510.95	1/4	1,854.75	1/4	2,198.56	1/4	2,542.36	1/4	2,886.17	1/4	3,229.93
1/2	143.42	1/2	487.21	1/2	830.99	1/2	1,174.31	1/2	1,518.11	1/2	1,861.92	1/2	2,205.72	1/2	2,549.53	1/2	2,893.33	1/2	3,237.09
3/4	150.58	3/4	494.37	3/4	838.15	3/4	1,181.47	3/4	1,525.27	3/4	1,869.08	3/4	2,212.88	3/4	2,556.69	3/4	2,900.49	3/4	3,244.25
7	157.74	7	501.53	7	845.32	7	1,188.63	7	1,532.44	7	1,876.24	7	2,220.05	7	2,563.85	7	2,907.66	7	3,251.41
1/4	164.90	1/4	508.69	1/4	852.47	1/4	1,195.80	1/4	1,539.60	1/4	1,883.40	1/4	2,227.21	1/4	2,571.01	1/4	2,914.82	1/4	3,258.57
1/2	172.06	1/2	515.85	1/2	859.62	1/2	1,202.96	1/2	1,546.76	1/2	1,890.57	1/2	2,234.37	1/2	2,578.18	1/2	2,921.98	1/2	3,265.73
3/4	179.23	3/4	523.02	3/4	866.77	3/4	1,210.12	3/4	1,553.93	3/4	1,897.73	3/4	2,241.53	3/4	2,585.34	3/4	2,929.14	3/4	3,272.89
8	186.39	8	530.18	8	873.93	8	1,217.28	8	1,561.09	8	1,904.89	8	2,248.70	8	2,592.50	8	2,936.31	8	3,280.05
1/4	193.55	1/4	537.34	1/4	881.07	1/4	1,224.45	1/4	1,568.25	1/4	1,912.06	1/4	2,255.86	1/4	2,599.66	1/4	2,943.47	1/4	3,287.21
1/2	200.71	1/2	544.50	1/2	888.22	1/2	1,231.61	1/2	1,575.41	1/2	1,919.22	1/2	2,263.02	1/2	2,606.83	1/2	2,950.63	1/2	3,294.37
3/4	207.88	3/4	551.67	3/4	895.37	3/4	1,238.77	3/4	1,582.58	3/4	1,926.38	3/4	2,270.19	3/4	2,613.99	3/4	2,957.79	3/4	3,301.53
9	215.04	9	558.83	9	902.52	9	1,245.93	9	1,589.74	9	1,933.54	9	2,277.35	9	2,621.15	9	2,964.96	9	3,308.69
1/4	222.20	1/4	565.99	1/4	909.67	1/4	1,253.10	1/4	1,596.90	1/4	1,940.71	1/4	2,284.51	1/4	2,628.32	1/4	2,972.12	1/4	3,315.85
1/2	229.36	1/2	573.15	1/2	916.82	1/2	1,260.26	1/2	1,604.06	1/2	1,947.87	1/2	2,291.67	1/2	2,635.48	1/2	2,979.28	1/2	3,323.02
3/4	236.52	3/4	580.32	3/4	923.96	3/4	1,267.42	3/4	1,611.23	3/4	1,955.03	3/4	2,298.84	3/4	2,642.64	3/4	2,986.45	3/4	3,330.18
10	243.69	10	587.48	10	931.11	10	1,274.58	10	1,618.39	10	1,962.19	10	2,306.00	10	2,649.80	10	2,993.61	10	3,337.34
1/4	250.85	1/4	594.64	1/4	938.26	1/4	1,281.75	1/4	1,625.55	1/4	1,969.36	1/4	2,313.16	1/4	2,656.97	1/4	3,000.77	1/4	3,344.50
1/2	258.01	1/2	601.80	1/2	945.41	1/2	1,288.91	1/2	1,632.71	1/2	1,976.52	1/2	2,320.32	1/2	2,664.13	1/2	3,007.93	1/2	3,351.66
3/4	265.17	3/4	608.96	3/4	952.56	3/4	1,296.07	3/4	1,639.88	3/4	1,983.68	3/4	2,327.49	3/4	2,671.29	3/4	3,015.10	3/4	3,358.82
11	272.34	11	616.13	11	959.71	11	1,303.23	11	1,647.04	11	1,990.84	11	2,334.65	11	2,678.45	11	3,022.26	11	3,365.98
1/4	279.50	1/4	623.29	1/4	966.85	1/4	1,310.40	1/4	1,654.20	1/4	1,998.01	1/4	2,341.81	1/4	2,685.62	1/4	3,029.42	1/4	3,373.14
1/2	286.66	1/2	630.45	1/2	974.00	1/2	1,317.56	1/2	1,661.36	1/2	2,005.17	1/2	2,348.97	1/2	2,692.78	1/2	3,036.58	1/2	3,380.30
3/4	293.82	3/4	637.61	3/4	981.15	3/4	1,324.72	3/4	1,668.53	3/4	2,012.33	3/4	2,356.14	3/4	2,699.94	3/4	3,043.75	3/4	3,387.46

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME  
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 2 STBD

### INNAGE TABLE 10" HATCH

#### GAUGE HEIGHT 18'-01 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,394.62	0	3,738.34	0	4,082.15	0	4,425.49	0	4,767.73	0	5,089.77	0		0		0		0	3,040.10
1/4	3,401.78	1/4	3,745.50	1/4	4,089.31	1/4	4,432.62	1/4	4,774.86	1/4	5,092.97	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,047.26
1/2	3,408.94	1/2	3,752.67	1/2	4,096.47	1/2	4,439.75	1/2	4,781.99	1/2	5,096.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,054.42
3/4	3,416.10	3/4	3,759.83	3/4	4,103.63	3/4	4,446.88	3/4	4,789.12	3/4	5,099.38	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,061.59
1	3,423.26	1	3,766.99	1	4,110.80	1	4,454.01	1	4,796.25	1	5,102.59	1	1	1	1	1	1	1	3,068.75
1/4	3,430.42	1/4	3,774.15	1/4	4,117.96	1/4	4,461.14	1/4	4,803.38	1/4	5,104.60	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,075.92
1/2	3,437.59	1/2	3,781.32	1/2	4,125.12	1/2	4,468.27	1/2	4,810.51	1/2	5,106.61	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,083.09
3/4	3,444.75	3/4	3,788.48	3/4	4,132.28	3/4	4,475.40	3/4	4,817.64	3/4	5,108.62	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,090.26
2	3,451.91	2	3,795.64	2	4,139.45	2	4,482.53	2	4,824.77	2	5,110.63	2	2	2	2	2	2	2	3,097.43
1/4	3,459.07	1/4	3,802.81	1/4	4,146.61	1/4	4,489.66	1/4	4,831.90	1/4	5,111.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,104.59
1/2	3,466.23	1/2	3,809.97	1/2	4,153.77	1/2	4,496.79	1/2	4,839.03	1/2	5,112.49	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,111.76
3/4	3,473.39	3/4	3,817.13	3/4	4,160.94	3/4	4,503.92	3/4	4,846.16	3/4	5,113.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,118.93
3	3,480.55	3	3,824.29	3	4,168.10	3	4,511.05	3	4,853.29	3	5,114.36	3	3	3	3	3	3	3	3,126.10
1/4	3,487.71	1/4	3,831.46	1/4	4,175.26	1/4	4,518.18	1/4	4,860.42	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,133.27
1/2	3,494.87	1/2	3,838.62	1/2	4,182.42	1/2	4,525.31	1/2	4,867.55	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,140.43
3/4	3,502.03	3/4	3,845.78	3/4	4,189.59	3/4	4,532.44	3/4	4,874.68	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,147.60
4	3,509.19	4	3,852.94	4	4,196.75	4	4,539.57	4	4,881.81	4	4	4	4	4	4	4	4	4	3,154.77
1/4	3,516.35	1/4	3,860.11	1/4	4,203.91	1/4	4,546.70	1/4	4,888.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,161.94
1/2	3,523.51	1/2	3,867.27	1/2	4,211.07	1/2	4,553.83	1/2	4,896.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,169.11
3/4	3,530.67	3/4	3,874.43	3/4	4,218.24	3/4	4,560.96	3/4	4,903.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,176.27
5	3,537.83	5	3,881.59	5	4,225.40	5	4,568.09	5	4,910.23	5	5	5	5	5	5	5	5	5	3,183.44
1/4	3,544.99	1/4	3,888.76	1/4	4,232.56	1/4	4,575.22	1/4	4,917.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,190.61
1/2	3,552.15	1/2	3,895.92	1/2	4,239.72	1/2	4,582.35	1/2	4,924.40	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,197.78
3/4	3,559.32	3/4	3,903.08	3/4	4,246.89	3/4	4,589.48	3/4	4,931.49	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,204.95
6	3,566.48	6	3,910.24	6	4,254.05	6	4,596.61	6	4,938.57	6	6	6	6	6	6	6	6	6	3,212.12
1/4	3,573.64	1/4	3,917.41	1/4	4,261.21	1/4	4,603.74	1/4	4,945.66	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,219.28
1/2	3,580.80	1/2	3,924.57	1/2	4,268.37	1/2	4,610.87	1/2	4,952.74	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,226.45
3/4	3,587.96	3/4	3,931.73	3/4	4,275.54	3/4	4,618.00	3/4	4,959.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,233.62
7	3,595.12	7	3,938.89	7	4,282.70	7	4,625.13	7	4,966.91	7	7	7	7	7	7	7	7	7	3,240.79
1/4	3,602.28	1/4	3,946.06	1/4	4,289.86	1/4	4,632.26	1/4	4,973.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,247.96
1/2	3,609.44	1/2	3,953.22	1/2	4,297.02	1/2	4,639.39	1/2	4,981.06	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,255.12
3/4	3,616.60	3/4	3,960.38	3/4	4,304.19	3/4	4,646.52	3/4	4,988.14	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,262.29
8	3,623.76	8	3,967.55	8	4,311.35	8	4,653.65	8	4,995.22	8	8	8	8	8	8	8	8	8	3,269.46
1/4	3,630.92	1/4	3,974.71	1/4	4,318.50	1/4	4,660.78	1/4	5,002.26	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,276.63
1/2	3,638.08	1/2	3,981.87	1/2	4,325.64	1/2	4,667.91	1/2	5,009.30	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,283.80
3/4	3,645.24	3/4	3,989.03	3/4	4,332.79	3/4	4,675.04	3/4	5,016.35	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,290.96
9	3,652.40	9	3,996.20	9	4,339.93	9	4,682.17	9	5,023.39	9	9	9	9	9	9	9	9	9	3,298.13
1/4	3,659.56	1/4	4,003.36	1/4	4,347.06	1/4	4,689.30	1/4	5,029.99	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,305.30
1/2	3,666.72	1/2	4,010.52	1/2	4,354.19	1/2	4,696.43	1/2	5,036.59	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,312.47
3/4	3,673.88	3/4	4,017.68	3/4	4,361.32	3/4	4,703.56	3/4	5,043.20	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,319.64
10	3,681.05	10	4,024.85	10	4,368.45	10	4,710.69	10	5,049.80	10	10	10	10	10	10	10	10	10	3,326.80
1/4	3,688.21	1/4	4,032.01	1/4	4,375.58	1/4	4,717.82	1/4	5,055.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,333.97
1/2	3,695.37	1/2	4,039.17	1/2	4,382.71	1/2	4,724.95	1/2	5,060.99	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,341.14
3/4	3,702.53	3/4	4,046.33	3/4	4,389.84	3/4	4,732.08	3/4	5,066.58	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,348.31
11	3,709.69	11	4,053.50	11	4,396.97	11	4,739.21	11	5,072.17	11	11	11	11	11	11	11	11	11	3,355.48
1/4	3,716.85	1/4	4,060.66	1/4	4,404.10	1/4	4,746.34	1/4	5,076.57	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,362.65
1/2	3,724.02	1/2	4,067.82	1/2	4,411.23	1/2	4,753.47	1/2	5,080.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,369.81
3/4	3,731.18	3/4	4,074.98	3/4	4,418.36	3/4	4,760.60	3/4	5,085.37	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,376.98

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "FMT 3306"

## 3 PORT INNAGE TABLE

### 10" HATCH GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.15	0	299.47	0	641.09	0	974.86	0	1,309.84	0	1,651.28	0	1,992.72	0	2,334.16	0	2,675.58	0	3,017.14
1/4	3.93	1/4	306.60	1/4	648.20	1/4	981.66	1/4	1,316.95	1/4	1,658.39	1/4	1,999.83	1/4	2,341.27	1/4	2,682.69	1/4	3,024.26
1/2	5.71	1/2	313.72	1/2	655.32	1/2	988.47	1/2	1,324.07	1/2	1,665.51	1/2	2,006.94	1/2	2,348.38	1/2	2,689.80	1/2	3,031.37
3/4	7.49	3/4	320.85	3/4	662.43	3/4	995.27	3/4	1,331.18	3/4	1,672.62	3/4	2,014.06	3/4	2,355.50	3/4	2,696.91	3/4	3,038.49
1	9.27	1	327.98	1	669.55	1	1,002.08	1	1,338.29	1	1,679.73	1	2,021.17	1	2,362.61	1	2,704.03	1	3,045.60
1/4	12.84	1/4	335.10	1/4	676.66	1/4	1,008.88	1/4	1,345.41	1/4	1,686.85	1/4	2,028.28	1/4	2,369.72	1/4	2,711.14	1/4	3,052.71
1/2	16.40	1/2	342.23	1/2	683.77	1/2	1,015.69	1/2	1,352.52	1/2	1,693.96	1/2	2,035.40	1/2	2,376.84	1/2	2,718.25	1/2	3,059.82
3/4	19.96	3/4	349.35	3/4	690.89	3/4	1,022.49	3/4	1,359.63	3/4	1,701.07	3/4	2,042.51	3/4	2,383.95	3/4	2,725.36	3/4	3,066.93
2	23.53	2	356.48	2	698.00	2	1,029.29	2	1,366.75	2	1,708.19	2	2,049.62	2	2,391.06	2	2,732.48	2	3,074.04
1/4	28.87	1/4	363.60	1/4	705.12	1/4	1,036.10	1/4	1,373.86	1/4	1,715.30	1/4	2,056.74	1/4	2,398.18	1/4	2,739.59	1/4	3,081.15
1/2	34.21	1/2	370.72	1/2	712.23	1/2	1,042.90	1/2	1,380.97	1/2	1,722.41	1/2	2,063.85	1/2	2,405.29	1/2	2,746.70	1/2	3,088.25
3/4	39.56	3/4	377.84	3/4	719.35	3/4	1,049.71	3/4	1,388.09	3/4	1,729.53	3/4	2,070.96	3/4	2,412.40	3/4	2,753.81	3/4	3,095.36
3	44.90	3	384.96	3	726.46	3	1,056.51	3	1,395.20	3	1,736.64	3	2,078.08	3	2,419.52	3	2,760.92	3	3,102.47
1/4	51.56	1/4	392.08	1/4	733.58	1/4	1,063.32	1/4	1,402.31	1/4	1,743.75	1/4	2,085.19	1/4	2,426.63	1/4	2,768.04	1/4	3,109.57
1/2	58.23	1/2	399.19	1/2	740.69	1/2	1,070.13	1/2	1,409.43	1/2	1,750.87	1/2	2,092.30	1/2	2,433.74	1/2	2,775.15	1/2	3,116.67
3/4	64.89	3/4	406.31	3/4	747.81	3/4	1,076.93	3/4	1,416.54	3/4	1,757.98	3/4	2,099.42	3/4	2,440.86	3/4	2,782.26	3/4	3,123.77
4	71.55	4	413.42	4	754.92	4	1,083.74	4	1,423.65	4	1,765.09	4	2,106.53	4	2,447.97	4	2,789.37	4	3,130.87
1/4	78.65	1/4	420.53	1/4	762.04	1/4	1,090.59	1/4	1,430.77	1/4	1,772.21	1/4	2,113.64	1/4	2,455.08	1/4	2,796.49	1/4	3,137.96
1/2	85.76	1/2	427.65	1/2	769.15	1/2	1,097.44	1/2	1,437.88	1/2	1,779.32	1/2	2,120.76	1/2	2,462.20	1/2	2,803.60	1/2	3,145.05
3/4	92.86	3/4	434.76	3/4	776.26	3/4	1,104.28	3/4	1,444.99	3/4	1,786.43	3/4	2,127.87	3/4	2,469.31	3/4	2,810.71	3/4	3,152.14
5	99.96	5	441.88	5	783.38	5	1,111.13	5	1,452.11	5	1,793.55	5	2,134.98	5	2,476.42	5	2,817.82	5	3,159.23
1/4	107.08	1/4	448.99	1/4	790.38	1/4	1,118.13	1/4	1,459.22	1/4	1,800.66	1/4	2,142.10	1/4	2,483.54	1/4	2,824.94	1/4	3,166.33
1/2	114.20	1/2	456.11	1/2	797.38	1/2	1,125.13	1/2	1,466.33	1/2	1,807.77	1/2	2,149.21	1/2	2,490.65	1/2	2,832.05	1/2	3,173.42
3/4	121.32	3/4	463.22	3/4	804.38	3/4	1,132.12	3/4	1,473.45	3/4	1,814.89	3/4	2,156.32	3/4	2,497.76	3/4	2,839.16	3/4	3,180.51
6	128.44	6	470.34	6	811.38	6	1,139.12	6	1,480.56	6	1,822.00	6	2,163.44	6	2,504.88	6	2,846.27	6	3,187.60
1/4	135.57	1/4	477.45	1/4	818.22	1/4	1,146.24	1/4	1,487.67	1/4	1,829.11	1/4	2,170.55	1/4	2,511.99	1/4	2,853.39	1/4	3,194.69
1/2	142.69	1/2	484.57	1/2	825.07	1/2	1,153.35	1/2	1,494.79	1/2	1,836.23	1/2	2,177.66	1/2	2,519.10	1/2	2,860.50	1/2	3,201.78
3/4	149.82	3/4	491.68	3/4	831.92	3/4	1,160.46	3/4	1,501.90	3/4	1,843.34	3/4	2,184.78	3/4	2,526.22	3/4	2,867.61	3/4	3,208.87
7	156.94	7	498.80	7	838.77	7	1,167.58	7	1,509.01	7	1,850.45	7	2,191.89	7	2,533.33	7	2,874.72	7	3,215.96
1/4	164.07	1/4	505.91	1/4	845.57	1/4	1,174.69	1/4	1,516.13	1/4	1,857.57	1/4	2,199.00	1/4	2,540.44	1/4	2,881.84	1/4	3,223.05
1/2	171.20	1/2	513.02	1/2	852.38	1/2	1,181.80	1/2	1,523.24	1/2	1,864.68	1/2	2,206.12	1/2	2,547.55	1/2	2,888.95	1/2	3,230.15
3/4	178.32	3/4	520.14	3/4	859.19	3/4	1,188.91	3/4	1,530.35	3/4	1,871.79	3/4	2,213.23	3/4	2,554.67	3/4	2,896.06	3/4	3,237.24
8	185.45	8	527.25	8	866.00	8	1,196.03	8	1,537.47	8	1,878.91	8	2,220.34	8	2,561.78	8	2,903.17	8	3,244.33
1/4	192.58	1/4	534.37	1/4	872.80	1/4	1,203.14	1/4	1,544.58	1/4	1,886.02	1/4	2,227.46	1/4	2,568.89	1/4	2,910.29	1/4	3,251.42
1/2	199.70	1/2	541.48	1/2	879.61	1/2	1,210.25	1/2	1,551.69	1/2	1,893.13	1/2	2,234.57	1/2	2,576.00	1/2	2,917.41	1/2	3,258.51
3/4	206.83	3/4	548.60	3/4	886.41	3/4	1,217.37	3/4	1,558.81	3/4	1,900.24	3/4	2,241.68	3/4	2,583.11	3/4	2,924.53	3/4	3,265.60
9	213.96	9	555.71	9	893.21	9	1,224.48	9	1,565.92	9	1,907.36	9	2,248.80	9	2,590.23	9	2,931.65	9	3,272.69
1/4	221.08	1/4	562.83	1/4	900.02	1/4	1,231.59	1/4	1,573.03	1/4	1,914.47	1/4	2,255.91	1/4	2,597.34	1/4	2,938.77	1/4	3,279.79
1/2	228.21	1/2	569.94	1/2	906.82	1/2	1,238.71	1/2	1,580.15	1/2	1,921.58	1/2	2,263.02	1/2	2,604.45	1/2	2,945.90	1/2	3,286.88
3/4	235.33	3/4	577.06	3/4	913.62	3/4	1,245.82	3/4	1,587.26	3/4	1,928.70	3/4	2,270.14	3/4	2,611.56	3/4	2,953.02	3/4	3,293.97
10	242.46	10	584.17	10	920.43	10	1,252.93	10	1,594.37	10	1,935.81	10	2,277.25	10	2,618.68	10	2,960.15	10	3,301.06
1/4	249.59	1/4	591.28	1/4	927.23	1/4	1,260.05	1/4	1,601.49	1/4	1,942.92	1/4	2,284.36	1/4	2,625.79	1/4	2,967.27	1/4	3,308.16
1/2	256.71	1/2	598.40	1/2	934.04	1/2	1,267.16	1/2	1,608.60	1/2	1,950.04	1/2	2,291.48	1/2	2,632.90	1/2	2,974.39	1/2	3,315.25
3/4	263.84	3/4	605.51	3/4	940.84	3/4	1,274.27	3/4	1,615.71	3/4	1,957.15	3/4	2,298.59	3/4	2,640.01	3/4	2,981.52	3/4	3,322.34
11	270.97	11	612.63	11	947.64	11	1,281.39	11	1,622.83	11	1,964.26	11	2,305.70	11	2,647.13	11	2,988.64	11	3,329.43
1/4	278.09	1/4	619.74	1/4	954.45	1/4	1,288.50	1/4	1,629.94	1/4	1,971.38	1/4	2,312.82	1/4	2,654.24	1/4	2,995.77	1/4	3,336.51
1/2	285.22	1/2	626.86	1/2	961.25	1/2	1,295.61	1/2	1,637.05	1/2	1,978.49	1/2	2,319.93	1/2	2,661.35	1/2	3,002.89	1/2	3,343.60
3/4	292.34	3/4	633.97	3/4	968.06	3/4	1,302.73	3/4	1,644.17	3/4	1,985.60	3/4	2,327.04	3/4	2,668.46	3/4	3,010.01	3/4	3,350.69

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME  
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 82'-08" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 3 PORT

### INNAGE TABLE

#### 10" HATCH

#### GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,352.29	0	3,561.15	0	3,770.79	0	3,980.15	0	4,188.87	0	4,379.32	0		0		0		0	3,040.10
1/4	3,356.62	1/4	3,565.52	1/4	3,775.15	1/4	3,984.50	1/4	4,193.22	1/4	4,381.02	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,047.26
1/2	3,360.95	1/2	3,569.89	1/2	3,779.52	1/2	3,988.85	1/2	4,197.57	1/2	4,382.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,054.42
3/4	3,365.29	3/4	3,574.25	3/4	3,783.89	3/4	3,993.20	3/4	4,201.92	3/4	4,384.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,061.59
1	3,369.62	1	3,578.62	1	3,788.26	1	3,997.55	1	4,206.27	1	4,386.14	1	1	1	1	1	1	1	3,068.75
1/4	3,373.96	1/4	3,582.99	1/4	3,792.62	1/4	4,001.89	1/4	4,210.61	1/4	4,387.85	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,075.92
1/2	3,378.31	1/2	3,587.36	1/2	3,796.99	1/2	4,006.24	1/2	4,214.96	1/2	4,389.55	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,083.09
3/4	3,382.65	3/4	3,591.72	3/4	3,801.36	3/4	4,010.59	3/4	4,219.31	3/4	4,391.26	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,090.26
2	3,386.99	2	3,596.09	2	3,805.73	2	4,014.94	2	4,223.66	2	4,392.97	2	2	2	2	2	2	2	3,097.43
1/4	3,391.34	1/4	3,600.46	1/4	3,810.09	1/4	4,019.29	1/4	4,228.01	1/4	4,394.04	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,104.59
1/2	3,395.69	1/2	3,604.82	1/2	3,814.46	1/2	4,023.64	1/2	4,232.35	1/2	4,395.12	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,111.76
3/4	3,400.05	3/4	3,609.19	3/4	3,818.83	3/4	4,027.98	3/4	4,236.70	3/4	4,396.19	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,118.93
3	3,404.40	3	3,613.56	3	3,823.19	3	4,032.33	3	4,241.05	3	4,397.27	3	3	3	3	3	3	3	3,126.10
1/4	3,408.75	1/4	3,617.93	1/4	3,827.56	1/4	4,036.68	1/4	4,245.40	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,133.27
1/2	3,413.10	1/2	3,622.29	1/2	3,831.93	1/2	4,041.03	1/2	4,249.75	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,140.43
3/4	3,417.45	3/4	3,626.66	3/4	3,836.30	3/4	4,045.38	3/4	4,254.10	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,147.60
4	3,421.80	4	3,631.03	4	3,840.66	4	4,049.73	4	4,258.44	4	4	4	4	4	4	4	4	4	3,154.77
1/4	3,426.16	1/4	3,635.40	1/4	3,845.03	1/4	4,054.07	1/4	4,262.78	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,161.94
1/2	3,430.51	1/2	3,639.76	1/2	3,849.40	1/2	4,058.42	1/2	4,267.11	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,169.11
3/4	3,434.86	3/4	3,644.13	3/4	3,853.77	3/4	4,062.77	3/4	4,271.45	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,176.27
5	3,439.21	5	3,648.50	5	3,858.13	5	4,067.12	5	4,275.78	5	5	5	5	5	5	5	5	5	3,183.44
1/4	3,443.56	1/4	3,652.87	1/4	3,862.50	1/4	4,071.47	1/4	4,280.11	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,190.61
1/2	3,447.91	1/2	3,657.23	1/2	3,866.87	1/2	4,075.82	1/2	4,284.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,197.78
3/4	3,452.26	3/4	3,661.60	3/4	3,871.24	3/4	4,080.16	3/4	4,288.75	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,204.95
6	3,456.62	6	3,665.97	6	3,875.60	6	4,084.51	6	4,293.07	6	6	6	6	6	6	6	6	6	3,212.12
1/4	3,460.97	1/4	3,670.34	1/4	3,879.97	1/4	4,088.86	1/4	4,297.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,219.28
1/2	3,465.32	1/2	3,674.70	1/2	3,884.34	1/2	4,093.21	1/2	4,301.71	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,226.45
3/4	3,469.67	3/4	3,679.07	3/4	3,888.71	3/4	4,097.56	3/4	4,306.03	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,233.62
7	3,474.02	7	3,683.44	7	3,893.07	7	4,101.91	7	4,310.34	7	7	7	7	7	7	7	7	7	3,240.79
1/4	3,478.37	1/4	3,687.81	1/4	3,897.44	1/4	4,106.25	1/4	4,314.66	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,247.96
1/2	3,482.73	1/2	3,692.17	1/2	3,901.81	1/2	4,110.60	1/2	4,318.97	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,255.12
3/4	3,487.08	3/4	3,696.54	3/4	3,906.18	3/4	4,114.95	3/4	4,323.28	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,262.29
8	3,491.43	8	3,700.91	8	3,910.54	8	4,119.30	8	4,327.59	8	8	8	8	8	8	8	8	8	3,269.46
1/4	3,495.78	1/4	3,705.27	1/4	3,914.90	1/4	4,123.65	1/4	4,331.87	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,276.63
1/2	3,500.13	1/2	3,709.64	1/2	3,919.26	1/2	4,128.00	1/2	4,336.15	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,283.80
3/4	3,504.48	3/4	3,714.01	3/4	3,923.62	3/4	4,132.34	3/4	4,340.43	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,290.96
9	3,508.84	9	3,718.38	9	3,927.97	9	4,136.69	9	4,344.71	9	9	9	9	9	9	9	9	9	3,298.13
1/4	3,513.19	1/4	3,722.74	1/4	3,932.32	1/4	4,141.04	1/4	4,348.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,305.30
1/2	3,517.54	1/2	3,727.11	1/2	3,936.67	1/2	4,145.39	1/2	4,352.39	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,312.47
3/4	3,521.89	3/4	3,731.48	3/4	3,941.02	3/4	4,149.74	3/4	4,356.23	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,319.64
10	3,526.24	10	3,735.85	10	3,945.37	10	4,154.09	10	4,360.07	10	10	10	10	10	10	10	10	10	3,326.80
1/4	3,530.60	1/4	3,740.21	1/4	3,949.72	1/4	4,158.43	1/4	4,362.91	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,333.97
1/2	3,534.96	1/2	3,744.58	1/2	3,954.06	1/2	4,162.78	1/2	4,365.75	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,341.14
3/4	3,539.32	3/4	3,748.95	3/4	3,958.41	3/4	4,167.13	3/4	4,368.58	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,348.31
11	3,543.68	11	3,753.32	11	3,962.76	11	4,171.48	11	4,371.42	11	11	11	11	11	11	11	11	11	3,355.48
1/4	3,548.05	1/4	3,757.68	1/4	3,967.11	1/4	4,175.83	1/4	4,373.39	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,362.65
1/2	3,552.42	1/2	3,762.05	1/2	3,971.46	1/2	4,180.18	1/2	4,375.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,369.81
3/4	3,556.78	3/4	3,766.42	3/4	3,975.81	3/4	4,184.52	3/4	4,377.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,376.98

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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





# BARGE "FMT 3306"

## 3 STBD INNAGE TABLE

### 10" HATCH GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	2.14	0	299.01	0	640.54	0	981.80	0	1,323.13	0	1,664.67	0	2,006.22	0	2,347.76	0	2,689.14	0	3,029.81
1/4	3.92	1/4	306.12	1/4	647.66	1/4	988.91	1/4	1,330.25	1/4	1,671.79	1/4	2,013.33	1/4	2,354.88	1/4	2,724.24	1/4	3,036.91
1/2	5.70	1/2	313.24	1/2	654.77	1/2	996.01	1/2	1,337.36	1/2	1,678.91	1/2	2,020.45	1/2	2,361.99	1/2	2,731.73	1/2	3,044.01
3/4	7.48	3/4	320.36	3/4	661.89	3/4	1,003.11	3/4	1,344.48	3/4	1,686.02	3/4	2,027.56	3/4	2,369.11	3/4	2,710.43	3/4	3,051.11
1	9.26	1	327.47	1	669.00	1	1,010.21	1	1,351.59	1	1,693.14	1	2,034.68	1	2,376.22	1	2,717.53	1	3,058.20
1/4	12.82	1/4	334.59	1/4	676.12	1/4	1,017.31	1/4	1,358.71	1/4	1,700.25	1/4	2,041.80	1/4	2,383.34	1/4	2,724.63	1/4	3,065.30
1/2	16.37	1/2	341.70	1/2	683.24	1/2	1,024.41	1/2	1,365.82	1/2	1,707.37	1/2	2,048.91	1/2	2,390.46	1/2	2,731.73	1/2	3,072.40
3/4	19.93	3/4	348.82	3/4	690.35	3/4	1,031.52	3/4	1,372.94	3/4	1,714.48	3/4	2,056.03	3/4	2,397.57	3/4	2,738.82	3/4	3,079.49
2	23.49	2	355.93	2	697.47	2	1,038.62	2	1,380.05	2	1,721.60	2	2,063.14	2	2,404.69	2	2,745.92	2	3,086.59
1/4	28.82	1/4	363.05	1/4	704.58	1/4	1,045.72	1/4	1,387.17	1/4	1,728.71	1/4	2,070.26	1/4	2,411.80	1/4	2,753.02	1/4	3,093.69
1/2	34.16	1/2	370.16	1/2	711.70	1/2	1,052.82	1/2	1,394.29	1/2	1,735.83	1/2	2,077.37	1/2	2,418.92	1/2	2,760.12	1/2	3,100.79
3/4	39.50	3/4	377.28	3/4	718.81	3/4	1,059.92	3/4	1,401.40	3/4	1,742.94	3/4	2,084.49	3/4	2,426.03	3/4	2,767.21	3/4	3,107.88
3	44.83	3	384.39	3	725.93	3	1,067.02	3	1,408.52	3	1,750.06	3	2,091.60	3	2,433.15	3	2,774.31	3	3,114.98
1/4	51.48	1/4	391.51	1/4	733.04	1/4	1,074.13	1/4	1,415.63	1/4	1,757.18	1/4	2,098.72	1/4	2,440.26	1/4	2,781.41	1/4	3,122.07
1/2	58.14	1/2	398.62	1/2	740.16	1/2	1,081.23	1/2	1,422.75	1/2	1,764.29	1/2	2,105.84	1/2	2,447.38	1/2	2,788.51	1/2	3,129.16
3/4	64.79	3/4	405.74	3/4	747.27	3/4	1,088.34	3/4	1,429.86	3/4	1,771.41	3/4	2,112.95	3/4	2,454.49	3/4	2,795.60	3/4	3,136.25
4	71.44	4	412.85	4	754.39	4	1,095.45	4	1,436.98	4	1,778.52	4	2,120.07	4	2,461.61	4	2,802.70	4	3,143.34
1/4	78.53	1/4	419.97	1/4	761.50	1/4	1,102.56	1/4	1,444.09	1/4	1,785.64	1/4	2,127.18	1/4	2,468.73	1/4	2,809.80	1/4	3,150.42
1/2	85.62	1/2	427.08	1/2	768.62	1/2	1,109.67	1/2	1,451.21	1/2	1,792.75	1/2	2,134.30	1/2	2,475.84	1/2	2,816.89	1/2	3,157.50
3/4	92.72	3/4	434.20	3/4	775.73	3/4	1,116.78	3/4	1,458.32	3/4	1,799.87	3/4	2,141.41	3/4	2,482.96	3/4	2,823.99	3/4	3,164.58
5	99.81	5	441.32	5	782.85	5	1,123.90	5	1,465.44	5	1,806.98	5	2,148.53	5	2,490.07	5	2,831.09	5	3,171.66
1/4	106.92	1/4	448.43	1/4	789.96	1/4	1,131.01	1/4	1,472.56	1/4	1,814.10	1/4	2,155.64	1/4	2,497.19	1/4	2,838.19	1/4	3,178.74
1/2	114.03	1/2	455.55	1/2	797.08	1/2	1,138.13	1/2	1,479.67	1/2	1,821.22	1/2	2,162.76	1/2	2,504.31	1/2	2,845.28	1/2	3,185.82
3/4	121.14	3/4	462.66	3/4	804.20	3/4	1,145.24	3/4	1,486.79	3/4	1,828.33	3/4	2,169.87	3/4	2,511.42	3/4	2,852.38	3/4	3,192.90
6	128.24	6	469.78	6	811.31	6	1,152.36	6	1,493.90	6	1,835.45	6	2,176.99	6	2,518.54	6	2,859.48	6	3,199.98
1/4	135.36	1/4	476.89	1/4	818.42	1/4	1,159.47	1/4	1,501.02	1/4	1,842.56	1/4	2,184.11	1/4	2,525.66	1/4	2,866.58	1/4	3,207.06
1/2	142.47	1/2	484.01	1/2	825.54	1/2	1,166.59	1/2	1,508.13	1/2	1,849.68	1/2	2,191.22	1/2	2,532.77	1/2	2,873.67	1/2	3,214.14
3/4	149.59	3/4	491.12	3/4	832.65	3/4	1,173.70	3/4	1,515.25	3/4	1,856.79	3/4	2,198.34	3/4	2,539.89	3/4	2,880.77	3/4	3,221.22
7	156.70	7	498.24	7	839.76	7	1,180.82	7	1,522.36	7	1,863.91	7	2,205.45	7	2,547.01	7	2,887.87	7	3,228.30
1/4	163.82	1/4	505.35	1/4	846.87	1/4	1,187.94	1/4	1,529.48	1/4	1,871.02	1/4	2,212.57	1/4	2,554.12	1/4	2,894.96	1/4	3,235.38
1/2	170.93	1/2	512.47	1/2	853.97	1/2	1,195.05	1/2	1,536.60	1/2	1,878.14	1/2	2,219.68	1/2	2,561.24	1/2	2,902.06	1/2	3,242.46
3/4	178.05	3/4	519.58	3/4	861.08	3/4	1,202.17	3/4	1,543.71	3/4	1,885.25	3/4	2,226.80	3/4	2,568.36	3/4	2,909.16	3/4	3,249.54
8	185.16	8	526.70	8	868.18	8	1,209.28	8	1,550.83	8	1,892.37	8	2,233.91	8	2,575.47	8	2,916.26	8	3,256.62
1/4	192.28	1/4	533.81	1/4	875.28	1/4	1,216.40	1/4	1,557.94	1/4	1,899.49	1/4	2,241.03	1/4	2,582.59	1/4	2,923.35	1/4	3,263.70
1/2	199.40	1/2	540.93	1/2	882.39	1/2	1,223.51	1/2	1,565.06	1/2	1,906.60	1/2	2,248.15	1/2	2,589.70	1/2	2,930.45	1/2	3,270.78
3/4	206.51	3/4	548.04	3/4	889.49	3/4	1,230.63	3/4	1,572.17	3/4	1,913.72	3/4	2,255.26	3/4	2,596.82	3/4	2,937.55	3/4	3,277.86
9	213.63	9	555.16	9	896.59	9	1,237.74	9	1,579.29	9	1,920.83	9	2,262.38	9	2,603.94	9	2,944.65	9	3,284.94
1/4	220.74	1/4	562.28	1/4	903.69	1/4	1,244.86	1/4	1,586.40	1/4	1,927.95	1/4	2,269.49	1/4	2,611.04	1/4	2,951.74	1/4	3,292.02
1/2	227.86	1/2	569.39	1/2	910.79	1/2	1,251.98	1/2	1,593.52	1/2	1,935.06	1/2	2,276.61	1/2	2,618.15	1/2	2,958.84	1/2	3,299.10
3/4	234.97	3/4	576.51	3/4	917.89	3/4	1,259.09	3/4	1,600.63	3/4	1,942.18	3/4	2,283.72	3/4	2,625.26	3/4	2,965.94	3/4	3,306.18
10	242.09	10	583.62	10	924.99	10	1,266.21	10	1,607.75	10	1,949.29	10	2,290.84	10	2,632.36	10	2,973.03	10	3,313.26
1/4	249.20	1/4	590.74	1/4	932.09	1/4	1,273.32	1/4	1,614.87	1/4	1,956.41	1/4	2,297.95	1/4	2,639.46	1/4	2,980.13	1/4	3,320.34
1/2	256.32	1/2	597.85	1/2	939.20	1/2	1,280.44	1/2	1,621.98	1/2	1,963.53	1/2	2,305.07	1/2	2,646.56	1/2	2,987.23	1/2	3,327.42
3/4	263.43	3/4	604.97	3/4	946.30	3/4	1,287.55	3/4	1,629.10	3/4	1,970.64	3/4	2,312.18	3/4	2,653.66	3/4	2,994.33	3/4	3,334.50
11	270.55	11	612.08	11	953.40	11	1,294.67	11	1,636.21	11	1,977.76	11	2,319.30	11	2,660.75	11	3,001.42	11	3,341.58
1/4	277.66	1/4	619.20	1/4	960.50	1/4	1,301.78	1/4	1,643.33	1/4	1,984.87	1/4	2,326.42	1/4	2,667.85	1/4	3,008.52	1/4	3,347.29
1/2	284.78	1/2	626.31	1/2	967.60	1/2	1,308.90	1/2	1,650.44	1/2	1,991.99	1/2	2,333.53	1/2	2,674.95	1/2	3,015.62	1/2	3,352.99
3/4	291.89	3/4	633.43	3/4	974.70	3/4	1,316.01	3/4	1,657.56	3/4	1,999.10	3/4	2,340.65	3/4	2,682.05	3/4	3,022.72	3/4	3,358.69

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 INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME  
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 82'-08" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 3 STBD

### INNAGE TABLE 10" HATCH

#### GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,364.40	0	3,573.65	0	3,783.12	0	3,992.31	0	4,200.86	0	4,391.16	0		0		0		0	3,040.10
1/4	3,368.73	1/4	3,578.02	1/4	3,787.48	1/4	3,996.66	1/4	4,205.21	1/4	4,392.87	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,047.26
1/2	3,373.05	1/2	3,582.38	1/2	3,791.85	1/2	4,001.00	1/2	4,209.55	1/2	4,394.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,054.42
3/4	3,377.38	3/4	3,586.74	3/4	3,796.21	3/4	4,005.35	3/4	4,213.90	3/4	4,396.28	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,061.59
1	3,381.71	1	3,591.11	1	3,800.57	1	4,009.69	1	4,218.24	1	4,397.98	1	1	1	1	1	1	1	3,068.75
1/4	3,386.06	1/4	3,595.47	1/4	3,804.94	1/4	4,014.04	1/4	4,222.59	1/4	4,399.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,075.92
1/2	3,390.40	1/2	3,599.84	1/2	3,809.30	1/2	4,018.38	1/2	4,226.93	1/2	4,401.39	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,083.09
3/4	3,394.75	3/4	3,604.20	3/4	3,813.67	3/4	4,022.73	3/4	4,231.28	3/4	4,403.10	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,090.26
2	3,399.10	2	3,608.56	2	3,818.03	2	4,027.07	2	4,235.62	2	4,404.80	2	2	2	2	2	2	2	3,097.43
1/4	3,403.46	1/4	3,612.93	1/4	3,822.39	1/4	4,031.42	1/4	4,239.97	1/4	4,405.88	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,104.59
1/2	3,407.82	1/2	3,617.29	1/2	3,826.76	1/2	4,035.76	1/2	4,244.31	1/2	4,406.95	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,111.76
3/4	3,412.19	3/4	3,621.65	3/4	3,831.12	3/4	4,040.11	3/4	4,248.66	3/4	4,408.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,118.93
3	3,416.55	3	3,626.02	3	3,835.49	3	4,044.45	3	4,253.00	3	4,409.10	3	3	3	3	3	3	3	3,126.10
1/4	3,420.92	1/4	3,630.38	1/4	3,839.85	1/4	4,048.80	1/4	4,257.35	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,133.27
1/2	3,425.28	1/2	3,634.75	1/2	3,844.21	1/2	4,053.14	1/2	4,261.69	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,140.43
3/4	3,429.64	3/4	3,639.11	3/4	3,848.58	3/4	4,057.48	3/4	4,266.04	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,147.60
4	3,434.01	4	3,643.47	4	3,852.94	4	4,061.83	4	4,270.38	4	4	4	4	4	4	4	4	4	3,154.77
1/4	3,438.37	1/4	3,647.84	1/4	3,857.31	1/4	4,066.17	1/4	4,274.71	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,161.94
1/2	3,442.73	1/2	3,652.20	1/2	3,861.67	1/2	4,070.52	1/2	4,279.04	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,169.11
3/4	3,447.10	3/4	3,656.57	3/4	3,866.03	3/4	4,074.86	3/4	4,283.37	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,176.27
5	3,451.46	5	3,660.93	5	3,870.40	5	4,079.21	5	4,287.71	5	5	5	5	5	5	5	5	5	3,183.44
1/4	3,455.83	1/4	3,665.29	1/4	3,874.76	1/4	4,083.55	1/4	4,292.02	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,190.61
1/2	3,460.19	1/2	3,669.66	1/2	3,879.12	1/2	4,087.90	1/2	4,296.34	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,197.78
3/4	3,464.55	3/4	3,674.02	3/4	3,883.49	3/4	4,092.24	3/4	4,300.66	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,204.95
6	3,468.92	6	3,678.39	6	3,887.85	6	4,096.59	6	4,304.98	6	6	6	6	6	6	6	6	6	3,212.12
1/4	3,473.28	1/4	3,682.75	1/4	3,892.22	1/4	4,100.93	1/4	4,309.29	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,219.28
1/2	3,477.65	1/2	3,687.11	1/2	3,896.58	1/2	4,105.28	1/2	4,313.61	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,226.45
3/4	3,482.01	3/4	3,691.48	3/4	3,900.94	3/4	4,109.62	3/4	4,317.92	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,233.62
7	3,486.37	7	3,695.84	7	3,905.31	7	4,113.97	7	4,322.24	7	7	7	7	7	7	7	7	7	3,240.79
1/4	3,490.74	1/4	3,700.20	1/4	3,909.67	1/4	4,118.31	1/4	4,326.55	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,247.96
1/2	3,495.10	1/2	3,704.57	1/2	3,914.04	1/2	4,122.66	1/2	4,330.86	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,255.12
3/4	3,499.47	3/4	3,708.93	3/4	3,918.40	3/4	4,127.00	3/4	4,335.16	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,262.29
8	3,503.83	8	3,713.30	8	3,922.76	8	4,131.35	8	4,339.47	8	8	8	8	8	8	8	8	8	3,269.46
1/4	3,508.19	1/4	3,717.66	1/4	3,927.12	1/4	4,135.69	1/4	4,343.75	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,276.63
1/2	3,512.56	1/2	3,722.02	1/2	3,931.47	1/2	4,140.04	1/2	4,348.02	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,283.80
3/4	3,516.92	3/4	3,726.39	3/4	3,935.82	3/4	4,144.38	3/4	4,352.30	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,290.96
9	3,521.28	9	3,730.75	9	3,940.18	9	4,148.73	9	4,356.58	9	9	9	9	9	9	9	9	9	3,298.13
1/4	3,525.65	1/4	3,735.12	1/4	3,944.52	1/4	4,153.07	1/4	4,360.41	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,305.30
1/2	3,530.01	1/2	3,739.48	1/2	3,948.86	1/2	4,157.42	1/2	4,364.25	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,312.47
3/4	3,534.38	3/4	3,743.84	3/4	3,953.21	3/4	4,161.76	3/4	4,368.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,319.64
10	3,538.74	10	3,748.21	10	3,957.55	10	4,166.10	10	4,371.93	10	10	10	10	10	10	10	10	10	3,326.80
1/4	3,543.10	1/4	3,752.57	1/4	3,961.90	1/4	4,170.45	1/4	4,374.77	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,333.97
1/2	3,547.47	1/2	3,756.94	1/2	3,966.24	1/2	4,174.79	1/2	4,377.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,341.14
3/4	3,551.83	3/4	3,761.30	3/4	3,970.59	3/4	4,179.14	3/4	4,380.44	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,348.31
11	3,556.20	11	3,765.66	11	3,974.93	11	4,183.48	11	4,383.27	11	11	11	11	11	11	11	11	11	3,355.48
1/4	3,560.56	1/4	3,770.03	1/4	3,979.28	1/4	4,187.83	1/4	4,385.24	1/4		1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,362.65
1/2	3,564.92	1/2	3,774.39	1/2	3,983.62	1/2	4,192.17	1/2	4,387.22	1/2		1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,369.81
3/4	3,569.29	3/4	3,778.75	3/4	3,987.97	3/4	4,196.52	3/4	4,389.19	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,376.98

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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<http://www.pmacorp.net>



# BARGE "FMT 3306"

ULLAGE (10" HATCH)

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 6'-00"  
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS 08-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-08 1/8"

LENGTH BETWEEN DRAFT MARKS: 237'-03"

August 16, 2019

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "FMT 3306"

## 1 PORT ULLAGE TABLE

### 10" HATCH GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	5,034.15	0	4,749.08	0	4,407.80	0	4,065.67	0	3,722.82	0	3,380.04	0	3,037.29
1/4		1/4		1/4		1/4	5,032.15	1/4	4,741.97	1/4	4,400.69	1/4	4,058.53	1/4	3,715.68	1/4	3,372.90	1/4	3,030.14
1/2		1/2		1/2		1/2	5,030.14	1/2	4,734.86	1/2	4,393.58	1/2	4,051.38	1/2	3,708.53	1/2	3,365.76	1/2	3,023.00
3/4		3/4		3/4		3/4	5,028.13	3/4	4,727.75	3/4	4,386.47	3/4	4,044.24	3/4	3,701.39	3/4	3,358.62	3/4	3,015.86
1	1	1	1	1	1	1	5,026.13	1	4,720.64	1	4,379.36	1	4,037.10	1	3,694.25	1	3,351.48	1	3,008.72
1/4		1/4		1/4		1/4	5,022.93	1/4	4,713.53	1/4	4,372.25	1/4	4,029.95	1/4	3,687.11	1/4	3,344.34	1/4	3,001.58
1/2		1/2		1/2		1/2	5,019.74	1/2	4,706.42	1/2	4,365.14	1/2	4,022.81	1/2	3,679.96	1/2	3,337.19	1/2	2,994.44
3/4		3/4		3/4		3/4	5,016.54	3/4	4,699.31	3/4	4,358.03	3/4	4,015.67	3/4	3,672.82	3/4	3,330.05	3/4	2,987.30
2	2	2	2	2	2	2	5,013.35	2	4,692.20	2	4,350.92	2	4,008.53	2	3,665.68	2	3,322.91	2	2,980.15
1/4		1/4		1/4		1/4	5,008.96	1/4	4,685.09	1/4	4,343.81	1/4	4,001.38	1/4	3,658.53	1/4	3,315.77	1/4	2,973.01
1/2		1/2		1/2		1/2	5,004.57	1/2	4,677.98	1/2	4,336.70	1/2	3,994.24	1/2	3,651.39	1/2	3,308.63	1/2	2,965.87
3/4		3/4		3/4		3/4	5,000.19	3/4	4,670.87	3/4	4,329.59	3/4	3,987.10	3/4	3,644.25	3/4	3,301.49	3/4	2,958.72
3	3	3	3	3	3	3	4,995.80	3	4,663.76	3	4,322.48	3	3,979.96	3	3,637.11	3	3,294.35	3	2,951.58
1/4		1/4		1/4		1/4	4,990.22	1/4	4,656.65	1/4	4,315.37	1/4	3,972.81	1/4	3,629.97	1/4	3,287.21	1/4	2,944.44
1/2		1/2		1/2		1/2	4,984.65	1/2	4,649.54	1/2	4,308.26	1/2	3,965.67	1/2	3,622.82	1/2	3,280.07	1/2	2,937.30
3/4		3/4		3/4		3/4	4,979.07	3/4	4,642.43	3/4	4,301.15	3/4	3,958.53	3/4	3,615.68	3/4	3,272.93	3/4	2,930.15
4	4	4	4	4	4	4	4,973.49	4	4,635.32	4	4,294.04	4	3,951.39	4	3,608.54	4	3,265.79	4	2,923.01
1/4		1/4		1/4		1/4	4,966.91	1/4	4,628.21	1/4	4,286.93	1/4	3,944.24	1/4	3,601.40	1/4	3,258.65	1/4	2,915.87
1/2		1/2		1/2		1/2	4,960.32	1/2	4,621.10	1/2	4,279.82	1/2	3,937.10	1/2	3,594.26	1/2	3,251.51	1/2	2,908.73
3/4		3/4		3/4		3/4	4,953.74	3/4	4,613.99	3/4	4,272.71	3/4	3,929.96	3/4	3,587.12	3/4	3,244.37	3/4	2,901.58
5	5	5	5	5	5	5	4,947.15	5	4,606.88	5	4,265.60	5	3,922.81	5	3,579.98	5	3,237.23	5	2,894.44
1/4		1/4		1/4		1/4	4,940.13	1/4	4,599.77	1/4	4,258.47	1/4	3,915.67	1/4	3,572.84	1/4	3,230.08	1/4	2,887.30
1/2		1/2		1/2		1/2	4,933.11	1/2	4,592.66	1/2	4,251.34	1/2	3,908.53	1/2	3,565.70	1/2	3,222.94	1/2	2,880.16
3/4		3/4		3/4		3/4	4,926.08	3/4	4,585.55	3/4	4,244.22	3/4	3,901.39	3/4	3,558.56	3/4	3,215.80	3/4	2,873.01
6	6	6	6	6	6	6	4,919.06	6	4,578.44	6	4,237.09	6	3,894.24	6	3,551.42	6	3,208.66	6	2,865.87
1/4		1/4		1/4		1/4	4,912.00	1/4	4,571.33	1/4	4,229.95	1/4	3,887.10	1/4	3,544.28	1/4	3,201.52	1/4	2,858.73
1/2		1/2		1/2		1/2	4,904.94	1/2	4,564.22	1/2	4,222.81	1/2	3,879.96	1/2	3,537.13	1/2	3,194.38	1/2	2,851.59
3/4		3/4		3/4		3/4	4,897.89	3/4	4,557.11	3/4	4,215.66	3/4	3,872.82	3/4	3,529.99	3/4	3,187.24	3/4	2,844.44
7	7	7	7	7	7	7	4,890.83	7	4,550.00	7	4,208.52	7	3,865.67	7	3,522.85	7	3,180.10	7	2,837.30
1/4		1/4		1/4		1/4	4,883.76	1/4	4,542.89	1/4	4,201.38	1/4	3,858.53	1/4	3,515.71	1/4	3,172.96	1/4	2,830.16
1/2		1/2		1/2		1/2	4,876.70	1/2	4,535.78	1/2	4,194.24	1/2	3,851.39	1/2	3,508.57	1/2	3,165.82	1/2	2,823.02
3/4		3/4		3/4		3/4	4,869.63	3/4	4,528.67	3/4	4,187.09	3/4	3,844.24	3/4	3,501.43	3/4	3,158.68	3/4	2,815.87
8	8	8	8	8	8	8	4,862.57	8	4,521.56	8	4,179.95	8	3,837.10	8	3,494.29	8	3,151.54	8	2,808.73
1/4		1/4		1/4		1/4	4,855.50	1/4	4,514.45	1/4	4,172.81	1/4	3,829.96	1/4	3,487.15	1/4	3,144.40	1/4	2,801.59
1/2		1/2		1/2		1/2	4,848.44	1/2	4,507.34	1/2	4,165.67	1/2	3,822.82	1/2	3,480.01	1/2	3,137.26	1/2	2,794.45
3/4		3/4		3/4		3/4	4,841.37	3/4	4,500.23	3/4	4,158.52	3/4	3,815.67	3/4	3,472.87	3/4	3,130.11	3/4	2,787.30
9	9	9	9	9	9	9	4,834.31	9	4,493.12	9	4,151.38	9	3,808.53	9	3,465.73	9	3,122.97	9	2,780.16
1/4		1/4		1/4		1/4	4,827.22	1/4	4,486.01	1/4	4,144.24	1/4	3,801.39	1/4	3,458.59	1/4	3,115.83	1/4	2,773.02
1/2		1/2		1/2		1/2	4,820.14	1/2	4,478.90	1/2	4,137.10	1/2	3,794.25	1/2	3,451.45	1/2	3,108.69	1/2	2,765.87
3/4		3/4		3/4		3/4	4,813.05	3/4	4,471.79	3/4	4,129.95	3/4	3,787.10	3/4	3,444.31	3/4	3,101.55	3/4	2,758.73
10	10	10	10	10	10	10	4,805.96	10	4,464.68	10	4,122.81	10	3,779.96	10	3,437.16	10	3,094.41	10	2,751.59
1/4		1/4		1/4		1/4	4,798.85	1/4	4,457.57	1/4	4,115.67	1/4	3,772.82	1/4	3,430.02	1/4	3,087.27	1/4	2,744.45
1/2		1/2		1/2		1/2	4,791.74	1/2	4,450.46	1/2	4,108.52	1/2	3,765.67	1/2	3,422.88	1/2	3,080.13	1/2	2,737.30
3/4		3/4		3/4		3/4	4,784.63	3/4	4,443.35	3/4	4,101.38	3/4	3,758.53	3/4	3,415.74	3/4	3,072.99	3/4	2,730.16
11	11	11	11	11	11	11	5,037.86	11	4,777.52	11	4,436.24	11	4,094.24	11	3,751.39	11	3,408.60	11	3,065.85
1/4		1/4		1/4		1/4	5,036.94	1/4	4,770.41	1/4	4,429.13	1/4	4,087.10	1/4	3,744.25	1/4	3,401.46	1/4	3,058.71
1/2		1/2		1/2		1/2	5,036.01	1/2	4,763.30	1/2	4,422.02	1/2	4,079.95	1/2	3,737.10	1/2	3,394.32	1/2	3,051.57
3/4		3/4		3/4		3/4	5,035.08	3/4	4,756.19	3/4	4,414.91	3/4	4,072.81	3/4	3,729.96	3/4	3,387.18	3/4	3,044.43

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 TO TOP LIP 10" HATCH ON EXPANSION DOME  
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 1 PORT

### ULLAGE TABLE

### 10" HATCH

### GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,694.45	0	2,351.58	0	2,008.72	0	1,665.85	0	1,322.98	0	980.82	0	639.87	0	304.15	0	20.49	0	
1/4	2,687.31	1/4	2,344.44	1/4	2,001.57	1/4	1,658.70	1/4	1,315.84	1/4	973.73	1/4	632.73	1/4	297.59	1/4	17.69	1/4	
1/2	2,680.16	1/2	2,337.30	1/2	1,994.43	1/2	1,651.56	1/2	1,308.69	1/2	966.65	1/2	625.59	1/2	291.03	1/2	14.89	1/2	
3/4	2,673.02	3/4	2,330.16	3/4	1,987.29	3/4	1,644.42	3/4	1,301.55	3/4	959.57	3/4	618.44	3/4	284.47	3/4	12.09	3/4	
1	2,665.88	1	2,323.01	1	1,980.14	1	1,637.27	1	1,294.41	1	952.49	1	611.30	1	277.91	1	9.30	1	
1/4	2,658.74	1/4	2,315.87	1/4	1,973.00	1/4	1,630.13	1/4	1,287.26	1/4	945.40	1/4	604.16	1/4	271.44	1/4	7.51	1/4	
1/2	2,651.59	1/2	2,308.73	1/2	1,965.86	1/2	1,622.99	1/2	1,280.12	1/2	938.32	1/2	597.02	1/2	264.96	1/2	5.72	1/2	
3/4	2,644.45	3/4	2,301.58	3/4	1,958.71	3/4	1,615.85	3/4	1,272.98	3/4	931.24	3/4	589.87	3/4	258.49	3/4	3.94	3/4	
2	2,637.31	2	2,294.44	2	1,951.57	2	1,608.70	2	1,265.83	2	924.16	2	582.73	2	252.01	2	2.15	2	
1/4	2,630.16	1/4	2,287.30	1/4	1,944.43	1/4	1,601.56	1/4	1,258.69	1/4	917.07	1/4	575.59	1/4	245.62	1/4		1/4	
1/2	2,623.02	1/2	2,280.15	1/2	1,937.28	1/2	1,594.42	1/2	1,251.55	1/2	909.99	1/2	568.44	1/2	239.23	1/2		1/2	
3/4	2,615.88	3/4	2,273.01	3/4	1,930.14	3/4	1,587.27	3/4	1,244.40	3/4	902.91	3/4	561.30	3/4	232.84	3/4		3/4	
3	2,608.74	3	2,265.87	3	1,923.00	3	1,580.13	3	1,237.26	3	895.83	3	554.16	3	226.45	3		3	
1/4	2,601.59	1/4	2,258.72	1/4	1,915.86	1/4	1,572.99	1/4	1,230.12	1/4	888.74	1/4	547.02	1/4	220.14	1/4		1/4	
1/2	2,594.45	1/2	2,251.58	1/2	1,908.71	1/2	1,565.84	1/2	1,222.97	1/2	881.66	1/2	539.87	1/2	213.83	1/2		1/2	
3/4	2,587.31	3/4	2,244.44	3/4	1,901.57	3/4	1,558.70	3/4	1,215.83	3/4	874.58	3/4	532.73	3/4	207.52	3/4		3/4	
4	2,580.16	4	2,237.30	4	1,894.43	4	1,551.56	4	1,208.69	4	867.50	4	525.59	4	201.21	4		4	
1/4	2,573.02	1/4	2,230.15	1/4	1,887.28	1/4	1,544.41	1/4	1,201.55	1/4	860.41	1/4	518.44	1/4	194.99	1/4		1/4	
1/2	2,565.88	1/2	2,223.01	1/2	1,880.14	1/2	1,537.27	1/2	1,194.40	1/2	853.33	1/2	511.30	1/2	188.76	1/2		1/2	
3/4	2,558.73	3/4	2,215.87	3/4	1,873.00	3/4	1,530.13	3/4	1,187.26	3/4	846.25	3/4	504.16	3/4	182.54	3/4		3/4	
5	2,551.59	5	2,208.72	5	1,865.85	5	1,522.99	5	1,180.12	5	839.17	5	497.02	5	176.31	5		5	
1/4	2,544.45	1/4	2,201.58	1/4	1,858.71	1/4	1,515.84	1/4	1,172.97	1/4	832.08	1/4	489.90	1/4	170.17	1/4		1/4	
1/2	2,537.31	1/2	2,194.44	1/2	1,851.57	1/2	1,508.70	1/2	1,165.83	1/2	825.00	1/2	482.78	1/2	164.03	1/2		1/2	
3/4	2,530.16	3/4	2,187.29	3/4	1,844.42	3/4	1,501.56	3/4	1,158.69	3/4	817.92	3/4	475.66	3/4	157.89	3/4		3/4	
6	2,523.02	6	2,180.15	6	1,837.28	6	1,494.41	6	1,151.54	6	810.84	6	468.54	6	151.75	6		6	
1/4	2,515.88	1/4	2,173.01	1/4	1,830.14	1/4	1,487.27	1/4	1,144.40	1/4	803.75	1/4	461.48	1/4	145.69	1/4		1/4	
1/2	2,508.73	1/2	2,165.86	1/2	1,823.00	1/2	1,480.13	1/2	1,137.26	1/2	796.66	1/2	454.43	1/2	139.63	1/2		1/2	
3/4	2,501.59	3/4	2,158.72	3/4	1,815.85	3/4	1,472.98	3/4	1,130.11	3/4	789.58	3/4	447.37	3/4	133.57	3/4		3/4	
7	2,494.45	7	2,151.58	7	1,808.71	7	1,465.84	7	1,122.97	7	782.49	7	440.32	7	127.52	7		7	
1/4	2,487.30	1/4	2,144.43	1/4	1,801.57	1/4	1,458.70	1/4	1,115.83	1/4	775.39	1/4	433.35	1/4	121.54	1/4		1/4	
1/2	2,480.16	1/2	2,137.29	1/2	1,794.42	1/2	1,451.55	1/2	1,108.69	1/2	768.29	1/2	426.37	1/2	115.57	1/2		1/2	
3/4	2,473.02	3/4	2,130.15	3/4	1,787.28	3/4	1,444.41	3/4	1,101.54	3/4	761.19	3/4	419.40	3/4	109.59	3/4		3/4	
8	2,465.87	8	2,123.01	8	1,780.14	8	1,437.27	8	1,094.40	8	754.09	8	412.43	8	103.62	8		8	
1/4	2,458.73	1/4	2,115.86	1/4	1,772.99	1/4	1,430.12	1/4	1,087.27	1/4	746.96	1/4	405.53	1/4	97.74	1/4		1/4	
1/2	2,451.59	1/2	2,108.72	1/2	1,765.85	1/2	1,422.98	1/2	1,080.15	1/2	739.84	1/2	398.64	1/2	91.85	1/2		1/2	
3/4	2,444.45	3/4	2,101.58	3/4	1,758.71	3/4	1,415.84	3/4	1,073.02	3/4	732.71	3/4	391.75	3/4	85.97	3/4		3/4	
9	2,437.30	9	2,094.43	9	1,751.56	9	1,408.70	9	1,065.90	9	725.59	9	384.86	9	80.08	9		9	
1/4	2,430.16	1/4	2,087.29	1/4	1,744.42	1/4	1,401.55	1/4	1,058.80	1/4	718.44	1/4	378.05	1/4	74.30	1/4		1/4	
1/2	2,423.02	1/2	2,080.15	1/2	1,737.28	1/2	1,394.41	1/2	1,051.70	1/2	711.30	1/2	371.24	1/2	68.51	1/2		1/2	
3/4	2,415.87	3/4	2,073.00	3/4	1,730.13	3/4	1,387.27	3/4	1,044.60	3/4	704.16	3/4	364.43	3/4	62.73	3/4		3/4	
10	2,408.73	10	2,065.86	10	1,722.99	10	1,380.12	10	1,037.50	10	697.02	10	357.62	10	56.94	10		10	
1/4	2,401.59	1/4	2,058.72	1/4	1,715.85	1/4	1,372.98	1/4	1,030.41	1/4	689.87	1/4	350.89	1/4	51.69	1/4		1/4	
1/2	2,394.44	1/2	2,051.57	1/2	1,708.71	1/2	1,365.84	1/2	1,023.32	1/2	682.73	1/2	344.17	1/2	46.43	1/2		1/2	
3/4	2,387.30	3/4	2,044.43	3/4	1,701.56	3/4	1,358.69	3/4	1,016.24	3/4	675.59	3/4	337.44	3/4	41.17	3/4		3/4	
11	2,380.16	11	2,037.29	11	1,694.42	11	1,351.55	11	1,009.15	11	668.44	11	330.72	11	35.91	11		11	
1/4	2,373.01	1/4	2,030.15	1/4	1,687.28	1/4	1,344.41	1/4	1,002.07	1/4	661.30	1/4	324.07	1/4	32.05	1/4		1/4	
1/2	2,365.87	1/2	2,023.00	1/2	1,680.13	1/2	1,337.26	1/2	994.98	1/2	654.16	1/2	317.43	1/2	28.20	1/2		1/2	
3/4	2,358.73	3/4	2,015.86	3/4	1,672.99	3/4	1,330.12	3/4	987.90	3/4	647.02	3/4	310.79	3/4	24.35	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

**1 STBD  
ULLAGE TABLE**

**10" HATCH  
GAUGE HEIGHT 18'-02"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	5,030.86	0	4,746.12	0	4,405.22	0	4,063.47	0	3,721.00	0	3,378.60	0	3,036.23
1/4		1/4		1/4		1/4	5,028.86	1/4	4,739.01	1/4	4,398.11	1/4	4,056.34	1/4	3,713.87	1/4	3,371.47	1/4	3,029.10
1/2		1/2		1/2		1/2	5,026.86	1/2	4,731.91	1/2	4,391.01	1/2	4,049.20	1/2	3,706.73	1/2	3,364.34	1/2	3,021.96
3/4		3/4		3/4		3/4	5,024.86	3/4	4,724.81	3/4	4,383.91	3/4	4,042.07	3/4	3,699.60	3/4	3,357.21	3/4	3,014.83
1	1	1	1	1	1	1	5,022.85	1	4,717.71	1	4,376.81	1	4,034.93	1	3,692.46	1	3,350.07	1	3,007.70
1/4		1/4		1/4		1/4	5,019.66	1/4	4,710.61	1/4	4,369.70	1/4	4,027.80	1/4	3,685.33	1/4	3,342.94	1/4	3,000.56
1/2		1/2		1/2		1/2	5,016.47	1/2	4,703.50	1/2	4,362.60	1/2	4,020.66	1/2	3,678.19	1/2	3,335.81	1/2	2,993.43
3/4		3/4		3/4		3/4	5,013.28	3/4	4,696.40	3/4	4,355.50	3/4	4,013.53	3/4	3,671.06	3/4	3,328.67	3/4	2,986.30
2	2	2	2	2	2	2	5,010.08	2	4,689.30	2	4,348.40	2	4,006.39	2	3,663.92	2	3,321.54	2	2,979.16
1/4		1/4		1/4		1/4	5,005.70	1/4	4,682.20	1/4	4,341.30	1/4	3,999.26	1/4	3,656.79	1/4	3,314.41	1/4	2,972.03
1/2		1/2		1/2		1/2	5,001.32	1/2	4,675.09	1/2	4,334.19	1/2	3,992.12	1/2	3,649.65	1/2	3,307.28	1/2	2,964.89
3/4		3/4		3/4		3/4	4,996.94	3/4	4,667.99	3/4	4,327.09	3/4	3,984.99	3/4	3,642.52	3/4	3,300.14	3/4	2,957.76
3	3	3	3	3	3	3	4,992.56	3	4,660.89	3	4,319.99	3	3,977.85	3	3,635.38	3	3,293.01	3	2,950.62
1/4		1/4		1/4		1/4	4,986.99	1/4	4,653.79	1/4	4,312.89	1/4	3,970.72	1/4	3,628.25	1/4	3,285.88	1/4	2,943.49
1/2		1/2		1/2		1/2	4,981.42	1/2	4,646.69	1/2	4,305.79	1/2	3,963.58	1/2	3,621.12	1/2	3,278.74	1/2	2,936.35
3/4		3/4		3/4		3/4	4,975.84	3/4	4,639.58	3/4	4,298.68	3/4	3,956.45	3/4	3,613.99	3/4	3,271.61	3/4	2,929.22
4	4	4	4	4	4	4	4,970.27	4	4,632.48	4	4,291.58	4	3,949.31	4	3,606.85	4	3,264.48	4	2,922.09
1/4		1/4		1/4		1/4	4,963.70	1/4	4,625.38	1/4	4,284.48	1/4	3,942.18	1/4	3,599.72	1/4	3,257.35	1/4	2,914.95
1/2		1/2		1/2		1/2	4,957.12	1/2	4,618.28	1/2	4,277.38	1/2	3,935.04	1/2	3,592.59	1/2	3,250.21	1/2	2,907.82
3/4		3/4		3/4		3/4	4,950.54	3/4	4,611.18	3/4	4,270.28	3/4	3,927.91	3/4	3,585.46	3/4	3,243.08	3/4	2,900.68
5	5	5	5	5	5	5	4,943.97	5	4,604.07	5	4,263.17	5	3,920.77	5	3,578.32	5	3,235.95	5	2,893.55
1/4		1/4		1/4		1/4	4,936.95	1/4	4,596.97	1/4	4,256.06	1/4	3,913.64	1/4	3,571.19	1/4	3,228.82	1/4	2,886.41
1/2		1/2		1/2		1/2	4,929.93	1/2	4,589.87	1/2	4,248.94	1/2	3,906.51	1/2	3,564.06	1/2	3,221.68	1/2	2,879.28
3/4		3/4		3/4		3/4	4,922.92	3/4	4,582.77	3/4	4,241.82	3/4	3,899.37	3/4	3,556.92	3/4	3,214.55	3/4	2,872.14
6	6	6	6	6	6	6	4,915.90	6	4,575.67	6	4,234.71	6	3,892.24	6	3,549.79	6	3,207.42	6	2,865.01
1/4		1/4		1/4		1/4	4,908.85	1/4	4,568.56	1/4	4,227.57	1/4	3,885.10	1/4	3,542.66	1/4	3,200.28	1/4	2,857.87
1/2		1/2		1/2		1/2	4,901.80	1/2	4,561.46	1/2	4,220.44	1/2	3,877.97	1/2	3,535.53	1/2	3,193.15	1/2	2,850.74
3/4		3/4		3/4		3/4	4,894.76	3/4	4,554.36	3/4	4,213.30	3/4	3,870.83	3/4	3,528.39	3/4	3,186.02	3/4	2,843.60
7	7	7	7	7	7	7	4,887.71	7	4,547.26	7	4,206.17	7	3,863.70	7	3,521.26	7	3,178.89	7	2,836.47
1/4		1/4		1/4		1/4	4,880.65	1/4	4,540.15	1/4	4,199.03	1/4	3,856.56	1/4	3,514.13	1/4	3,171.75	1/4	2,829.33
1/2		1/2		1/2		1/2	4,873.59	1/2	4,533.05	1/2	4,191.90	1/2	3,849.43	1/2	3,506.99	1/2	3,164.62	1/2	2,822.20
3/4		3/4		3/4		3/4	4,866.54	3/4	4,525.95	3/4	4,184.76	3/4	3,842.29	3/4	3,499.86	3/4	3,157.49	3/4	2,815.06
8	8	8	8	8	8	8	4,859.48	8	4,518.85	8	4,177.63	8	3,835.16	8	3,492.73	8	3,150.35	8	2,807.93
1/4		1/4		1/4		1/4	4,852.42	1/4	4,511.75	1/4	4,170.49	1/4	3,828.02	1/4	3,485.60	1/4	3,143.22	1/4	2,800.80
1/2		1/2		1/2		1/2	4,845.37	1/2	4,504.64	1/2	4,163.36	1/2	3,820.89	1/2	3,478.46	1/2	3,136.09	1/2	2,793.66
3/4		3/4		3/4		3/4	4,838.31	3/4	4,497.54	3/4	4,156.22	3/4	3,813.75	3/4	3,471.33	3/4	3,128.96	3/4	2,786.53
9	9	9	9	9	9	9	4,831.25	9	4,490.44	9	4,149.09	9	3,806.62	9	3,464.20	9	3,121.82	9	2,779.39
1/4		1/4		1/4		1/4	4,824.17	1/4	4,483.34	1/4	4,141.95	1/4	3,799.48	1/4	3,457.06	1/4	3,114.69	1/4	2,772.26
1/2		1/2		1/2		1/2	4,817.09	1/2	4,476.24	1/2	4,134.82	1/2	3,792.35	1/2	3,449.93	1/2	3,107.56	1/2	2,765.12
3/4		3/4		3/4		3/4	4,810.01	3/4	4,469.13	3/4	4,127.68	3/4	3,785.21	3/4	3,442.80	3/4	3,100.42	3/4	2,757.99
10	10	10	10	10	10	10	4,802.93	10	4,462.03	10	4,120.55	10	3,778.08	10	3,435.67	10	3,093.29	10	2,750.85
1/4		1/4		1/4		1/4	4,795.83	1/4	4,454.93	1/4	4,113.41	1/4	3,770.94	1/4	3,428.53	1/4	3,086.16	1/4	2,743.72
1/2		1/2		1/2		1/2	4,788.73	1/2	4,447.83	1/2	4,106.28	1/2	3,763.81	1/2	3,421.40	1/2	3,079.03	1/2	2,736.58
3/4		3/4		3/4		3/4	4,781.63	3/4	4,440.73	3/4	4,099.14	3/4	3,756.67	3/4	3,414.27	3/4	3,071.89	3/4	2,729.45
11	11	11	11	11	11	11	5,034.57	11	4,774.52	11	4,433.62	11	4,092.01	11	3,749.54	11	3,407.14	11	3,064.76
1/4		1/4		1/4		1/4	5,033.65	1/4	4,767.42	1/4	4,426.52	1/4	4,084.88	1/4	3,742.40	1/4	3,400.00	1/4	3,057.63
1/2		1/2		1/2		1/2	5,032.72	1/2	4,760.32	1/2	4,419.42	1/2	4,077.74	1/2	3,735.27	1/2	3,392.87	1/2	3,050.50
3/4		3/4		3/4		3/4	5,031.79	3/4	4,753.22	3/4	4,412.32	3/4	4,070.61	3/4	3,728.14	3/4	3,385.74	3/4	3,043.36

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 TO TOP LIP 10" HATCH ON EXPANSION DOME  
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 1 STBD

### ULLAGE TABLE 10" HATCH

#### GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,693.77	0	2,351.30	0	2,008.81	0	1,666.32	0	1,323.83	0	981.40	0	639.15	0	303.77	0	20.47	0	
1/4	2,686.64	1/4	2,344.17	1/4	2,001.68	1/4	1,659.19	1/4	1,316.70	1/4	974.27	1/4	632.02	1/4	297.22	1/4	17.67	1/4	
1/2	2,679.51	1/2	2,337.03	1/2	1,994.54	1/2	1,652.05	1/2	1,309.56	1/2	967.15	1/2	624.88	1/2	290.66	1/2	14.88	1/2	
3/4	2,672.37	3/4	2,329.90	3/4	1,987.41	3/4	1,644.92	3/4	1,302.43	3/4	960.02	3/4	617.75	3/4	284.11	3/4	12.08	3/4	
1	2,665.24	1	2,322.76	1	1,980.27	1	1,637.78	1	1,295.29	1	952.89	1	610.61	1	277.56	1	9.28	1	
1/4	2,658.10	1/4	2,315.62	1/4	1,973.14	1/4	1,630.65	1/4	1,288.16	1/4	945.77	1/4	603.48	1/4	271.10	1/4	7.50	1/4	
1/2	2,650.97	1/2	2,308.49	1/2	1,966.00	1/2	1,623.51	1/2	1,281.02	1/2	938.64	1/2	596.34	1/2	264.63	1/2	5.72	1/2	
3/4	2,643.83	3/4	2,301.35	3/4	1,958.86	3/4	1,616.38	3/4	1,273.89	3/4	931.51	3/4	589.21	3/4	258.16	3/4	3.93	3/4	
2	2,636.70	2	2,294.22	2	1,951.73	2	1,609.24	2	1,266.75	2	924.39	2	582.07	2	251.69	2	2.15	2	
1/4	2,629.56	1/4	2,287.08	1/4	1,944.59	1/4	1,602.10	1/4	1,259.62	1/4	917.26	1/4	574.94	1/4	245.31	1/4		1/4	
1/2	2,622.43	1/2	2,279.95	1/2	1,937.46	1/2	1,594.97	1/2	1,252.48	1/2	910.14	1/2	567.80	1/2	238.93	1/2		1/2	
3/4	2,615.30	3/4	2,272.81	3/4	1,930.32	3/4	1,587.83	3/4	1,245.34	3/4	903.01	3/4	560.67	3/4	232.54	3/4		3/4	
3	2,608.17	3	2,265.68	3	1,923.19	3	1,580.70	3	1,238.21	3	895.88	3	553.53	3	226.16	3		3	
1/4	2,601.03	1/4	2,258.54	1/4	1,916.05	1/4	1,573.56	1/4	1,231.07	1/4	888.76	1/4	546.40	1/4	219.86	1/4		1/4	
1/2	2,593.90	1/2	2,251.41	1/2	1,908.92	1/2	1,566.43	1/2	1,223.94	1/2	881.63	1/2	539.26	1/2	213.56	1/2		1/2	
3/4	2,586.76	3/4	2,244.27	3/4	1,901.78	3/4	1,559.29	3/4	1,216.80	3/4	874.50	3/4	532.13	3/4	207.26	3/4		3/4	
4	2,579.63	4	2,237.14	4	1,894.65	4	1,552.16	4	1,209.67	4	867.38	4	524.99	4	200.96	4		4	
1/4	2,572.49	1/4	2,230.00	1/4	1,887.51	1/4	1,545.02	1/4	1,202.53	1/4	860.25	1/4	517.86	1/4	194.74	1/4		1/4	
1/2	2,565.36	1/2	2,222.87	1/2	1,880.38	1/2	1,537.89	1/2	1,195.40	1/2	853.13	1/2	510.72	1/2	188.52	1/2		1/2	
3/4	2,558.22	3/4	2,215.73	3/4	1,873.24	3/4	1,530.75	3/4	1,188.26	3/4	846.00	3/4	503.59	3/4	182.30	3/4		3/4	
5	2,551.09	5	2,208.60	5	1,866.11	5	1,523.62	5	1,181.13	5	838.87	5	496.45	5	176.09	5		5	
1/4	2,543.95	1/4	2,201.46	1/4	1,858.97	1/4	1,516.48	1/4	1,173.99	1/4	831.75	1/4	489.34	1/4	169.95	1/4		1/4	
1/2	2,536.82	1/2	2,194.33	1/2	1,851.84	1/2	1,509.35	1/2	1,166.86	1/2	824.62	1/2	482.22	1/2	163.82	1/2		1/2	
3/4	2,529.68	3/4	2,187.19	3/4	1,844.70	3/4	1,502.21	3/4	1,159.72	3/4	817.50	3/4	475.11	3/4	157.68	3/4		3/4	
6	2,522.55	6	2,180.06	6	1,837.57	6	1,495.08	6	1,152.59	6	810.37	6	468.00	6	151.55	6		6	
1/4	2,515.41	1/4	2,172.92	1/4	1,830.43	1/4	1,487.94	1/4	1,145.45	1/4	803.24	1/4	460.95	1/4	145.50	1/4		1/4	
1/2	2,508.28	1/2	2,165.79	1/2	1,823.30	1/2	1,480.81	1/2	1,138.32	1/2	796.11	1/2	453.89	1/2	139.45	1/2		1/2	
3/4	2,501.14	3/4	2,158.65	3/4	1,816.16	3/4	1,473.67	3/4	1,131.18	3/4	788.98	3/4	446.84	3/4	133.40	3/4		3/4	
7	2,494.00	7	2,151.52	7	1,809.03	7	1,466.54	7	1,124.05	7	781.85	7	439.79	7	127.35	7		7	
1/4	2,486.87	1/4	2,144.38	1/4	1,801.89	1/4	1,459.40	1/4	1,116.91	1/4	774.71	1/4	432.82	1/4	121.38	1/4		1/4	
1/2	2,479.73	1/2	2,137.24	1/2	1,794.76	1/2	1,452.27	1/2	1,109.78	1/2	767.58	1/2	425.85	1/2	115.42	1/2		1/2	
3/4	2,472.60	3/4	2,130.11	3/4	1,787.62	3/4	1,445.13	3/4	1,102.64	3/4	760.45	3/4	418.89	3/4	109.45	3/4		3/4	
8	2,465.46	8	2,122.97	8	1,780.48	8	1,438.00	8	1,095.51	8	753.31	8	411.92	8	103.49	8		8	
1/4	2,458.33	1/4	2,115.84	1/4	1,773.35	1/4	1,430.86	1/4	1,088.37	1/4	746.18	1/4	405.03	1/4	97.61	1/4		1/4	
1/2	2,451.19	1/2	2,108.70	1/2	1,766.21	1/2	1,423.72	1/2	1,081.24	1/2	739.04	1/2	398.15	1/2	91.73	1/2		1/2	
3/4	2,444.06	3/4	2,101.57	3/4	1,759.08	3/4	1,416.59	3/4	1,074.10	3/4	731.91	3/4	391.26	3/4	85.85	3/4		3/4	
9	2,436.92	9	2,094.43	9	1,751.94	9	1,409.45	9	1,066.96	9	724.77	9	384.38	9	79.98	9		9	
1/4	2,429.79	1/4	2,087.30	1/4	1,744.81	1/4	1,402.32	1/4	1,059.83	1/4	717.64	1/4	377.58	1/4	74.20	1/4		1/4	
1/2	2,422.65	1/2	2,080.16	1/2	1,737.67	1/2	1,395.18	1/2	1,052.70	1/2	710.50	1/2	370.78	1/2	68.42	1/2		1/2	
3/4	2,415.52	3/4	2,073.03	3/4	1,730.54	3/4	1,388.05	3/4	1,045.56	3/4	703.37	3/4	363.98	3/4	62.64	3/4		3/4	
10	2,408.38	10	2,065.89	10	1,723.40	10	1,380.91	10	1,038.43	10	696.23	10	357.18	10	56.87	10		10	
1/4	2,401.25	1/4	2,058.76	1/4	1,716.27	1/4	1,373.78	1/4	1,031.29	1/4	689.10	1/4	350.46	1/4	51.62	1/4		1/4	
1/2	2,394.11	1/2	2,051.62	1/2	1,709.13	1/2	1,366.64	1/2	1,024.16	1/2	681.96	1/2	343.74	1/2	46.36	1/2		1/2	
3/4	2,386.98	3/4	2,044.49	3/4	1,702.00	3/4	1,359.51	3/4	1,017.03	3/4	674.83	3/4	337.02	3/4	41.11	3/4		3/4	
11	2,379.84	11	2,037.35	11	1,694.86	11	1,352.37	11	1,009.90	11	667.69	11	330.30	11	35.86	11		11	
1/4	2,372.71	1/4	2,030.22	1/4	1,687.73	1/4	1,345.24	1/4	1,002.78	1/4	660.56	1/4	323.67	1/4	32.01	1/4		1/4	
1/2	2,365.57	1/2	2,023.08	1/2	1,680.59	1/2	1,338.10	1/2	995.65	1/2	653.42	1/2	317.04	1/2	28.16	1/2		1/2	
3/4	2,358.44	3/4	2,015.95	3/4	1,673.46	3/4	1,330.97	3/4	988.52	3/4	646.29	3/4	310.40	3/4	24.32	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

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



# BARGE "FMT 3306"

## 2 PORT ULLAGE TABLE

### 10" HATCH GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	5,101.55	0	4,815.48	0	4,472.98	0	4,129.63	0	3,785.56	0	3,441.49	0	3,097.43
1/4		1/4		1/4		1/4	5,099.54	1/4	4,808.35	1/4	4,465.85	1/4	4,122.46	1/4	3,778.40	1/4	3,434.33	1/4	3,090.26
1/2		1/2		1/2		1/2	5,097.53	1/2	4,801.21	1/2	4,458.71	1/2	4,115.30	1/2	3,771.23	1/2	3,427.16	1/2	3,083.09
3/4		3/4		3/4		3/4	5,095.52	3/4	4,794.08	3/4	4,451.58	3/4	4,108.13	3/4	3,764.06	3/4	3,419.99	3/4	3,075.92
1	1	1	1	1	1	1	5,093.51	1	4,786.94	1	4,444.44	1	4,100.96	1	3,756.89	1	3,412.82	1	3,068.75
1/4		1/4		1/4		1/4	5,090.30	1/4	4,779.81	1/4	4,437.31	1/4	4,093.79	1/4	3,749.72	1/4	3,405.65	1/4	3,061.59
1/2		1/2		1/2		1/2	5,087.10	1/2	4,772.67	1/2	4,430.17	1/2	4,086.62	1/2	3,742.55	1/2	3,398.49	1/2	3,054.42
3/4		3/4		3/4		3/4	5,083.89	3/4	4,765.54	3/4	4,423.04	3/4	4,079.46	3/4	3,735.39	3/4	3,391.32	3/4	3,047.26
2	2	2	2	2	2	2	5,080.68	2	4,758.40	2	4,415.90	2	4,072.29	2	3,728.22	2	3,384.15	2	3,040.10
1/4		1/4		1/4		1/4	5,076.28	1/4	4,751.27	1/4	4,408.77	1/4	4,065.12	1/4	3,721.05	1/4	3,376.98	1/4	3,032.93
1/2		1/2		1/2		1/2	5,071.88	1/2	4,744.13	1/2	4,401.63	1/2	4,057.95	1/2	3,713.88	1/2	3,369.81	1/2	3,025.76
3/4		3/4		3/4		3/4	5,067.48	3/4	4,736.99	3/4	4,394.50	3/4	4,050.78	3/4	3,706.71	3/4	3,362.65	3/4	3,018.59
3	3	3	3	3	3	3	5,063.08	3	4,729.86	3	4,387.36	3	4,043.61	3	3,699.55	3	3,355.48	3	3,011.42
1/4		1/4		1/4		1/4	5,057.48	1/4	4,722.72	1/4	4,380.22	1/4	4,036.45	1/4	3,692.38	1/4	3,348.31	1/4	3,004.25
1/2		1/2		1/2		1/2	5,051.88	1/2	4,715.59	1/2	4,373.09	1/2	4,029.28	1/2	3,685.21	1/2	3,341.14	1/2	2,997.08
3/4		3/4		3/4		3/4	5,046.29	3/4	4,708.45	3/4	4,365.95	3/4	4,022.11	3/4	3,678.04	3/4	3,333.97	3/4	2,989.90
4	4	4	4	4	4	4	5,040.69	4	4,701.32	4	4,358.82	4	4,014.94	4	3,670.87	4	3,326.80	4	2,982.73
1/4		1/4		1/4		1/4	5,034.08	1/4	4,694.18	1/4	4,351.68	1/4	4,007.77	1/4	3,663.71	1/4	3,319.64	1/4	2,975.56
1/2		1/2		1/2		1/2	5,027.47	1/2	4,687.05	1/2	4,344.55	1/2	4,000.61	1/2	3,656.54	1/2	3,312.47	1/2	2,968.39
3/4		3/4		3/4		3/4	5,020.87	3/4	4,679.91	3/4	4,337.41	3/4	3,993.44	3/4	3,649.37	3/4	3,305.30	3/4	2,961.22
5	5	5	5	5	5	5	5,014.26	5	4,672.78	5	4,330.28	5	3,986.27	5	3,642.20	5	3,298.13	5	2,954.05
1/4		1/4		1/4		1/4	5,007.21	1/4	4,665.64	1/4	4,323.12	1/4	3,979.10	1/4	3,635.03	1/4	3,290.96	1/4	2,946.88
1/2		1/2		1/2		1/2	5,000.16	1/2	4,658.51	1/2	4,315.97	1/2	3,971.93	1/2	3,627.86	1/2	3,283.80	1/2	2,939.71
3/4		3/4		3/4		3/4	4,993.11	3/4	4,651.37	3/4	4,308.82	3/4	3,964.77	3/4	3,620.70	3/4	3,276.63	3/4	2,932.54
6	6	6	6	6	6	6	4,986.06	6	4,644.23	6	4,301.67	6	3,957.60	6	3,613.53	6	3,269.46	6	2,925.37
1/4		1/4		1/4		1/4	4,978.98	1/4	4,637.10	1/4	4,294.50	1/4	3,950.43	1/4	3,606.36	1/4	3,262.29	1/4	2,918.20
1/2		1/2		1/2		1/2	4,971.90	1/2	4,629.96	1/2	4,287.33	1/2	3,943.26	1/2	3,599.19	1/2	3,255.12	1/2	2,911.03
3/4		3/4		3/4		3/4	4,964.82	3/4	4,622.83	3/4	4,280.16	3/4	3,936.09	3/4	3,592.02	3/4	3,247.96	3/4	2,903.86
7	7	7	7	7	7	7	4,957.74	7	4,615.69	7	4,272.99	7	3,928.93	7	3,584.86	7	3,240.79	7	2,896.69
1/4		1/4		1/4		1/4	4,950.65	1/4	4,608.56	1/4	4,265.83	1/4	3,921.76	1/4	3,577.69	1/4	3,233.62	1/4	2,889.52
1/2		1/2		1/2		1/2	4,943.56	1/2	4,601.42	1/2	4,258.66	1/2	3,914.59	1/2	3,570.52	1/2	3,226.45	1/2	2,882.35
3/4		3/4		3/4		3/4	4,936.47	3/4	4,594.29	3/4	4,251.49	3/4	3,907.42	3/4	3,563.35	3/4	3,219.28	3/4	2,875.18
8	8	8	8	8	8	8	4,929.38	8	4,587.15	8	4,244.32	8	3,900.25	8	3,556.18	8	3,212.12	8	2,868.01
1/4		1/4		1/4		1/4	4,922.29	1/4	4,580.02	1/4	4,237.15	1/4	3,893.08	1/4	3,549.02	1/4	3,204.95	1/4	2,860.84
1/2		1/2		1/2		1/2	4,915.20	1/2	4,572.88	1/2	4,229.99	1/2	3,885.92	1/2	3,541.85	1/2	3,197.78	1/2	2,853.67
3/4		3/4		3/4		3/4	4,908.11	3/4	4,565.74	3/4	4,222.82	3/4	3,878.75	3/4	3,534.68	3/4	3,190.61	3/4	2,846.50
9	9	9	9	9	9	9	4,901.02	9	4,558.61	9	4,215.65	9	3,871.58	9	3,527.51	9	3,183.44	9	2,839.33
1/4		1/4		1/4		1/4	4,893.91	1/4	4,551.47	1/4	4,208.48	1/4	3,864.41	1/4	3,520.34	1/4	3,176.27	1/4	2,832.16
1/2		1/2		1/2		1/2	4,886.79	1/2	4,544.34	1/2	4,201.31	1/2	3,857.24	1/2	3,513.18	1/2	3,169.11	1/2	2,824.99
3/4		3/4		3/4		3/4	4,879.68	3/4	4,537.20	3/4	4,194.14	3/4	3,850.08	3/4	3,506.01	3/4	3,161.94	3/4	2,817.82
10	10	10	10	10	10	10	4,872.57	10	4,530.07	10	4,186.98	10	3,842.91	10	3,498.84	10	3,154.77	10	2,810.65
1/4		1/4		1/4		1/4	4,865.43	1/4	4,522.93	1/4	4,179.81	1/4	3,835.74	1/4	3,491.67	1/4	3,147.60	1/4	2,803.48
1/2		1/2		1/2		1/2	4,858.30	1/2	4,515.80	1/2	4,172.64	1/2	3,828.57	1/2	3,484.50	1/2	3,140.43	1/2	2,796.31
3/4		3/4		3/4		3/4	4,851.16	3/4	4,508.66	3/4	4,165.47	3/4	3,821.40	3/4	3,477.33	3/4	3,133.27	3/4	2,789.14
11	11	11	11	11	11	11	5,105.28	11	4,844.03	11	4,551.53	11	4,158.30	11	3,814.24	11	3,470.17	11	3,126.10
1/4		1/4		1/4		1/4	5,104.35	1/4	4,836.89	1/4	4,494.39	1/4	4,151.14	1/4	3,807.07	1/4	3,463.00	1/4	3,118.93
1/2		1/2		1/2		1/2	5,103.42	1/2	4,829.75	1/2	4,487.26	1/2	4,143.97	1/2	3,799.90	1/2	3,455.83	1/2	3,111.76
3/4		3/4		3/4		3/4	5,102.49	3/4	4,822.62	3/4	4,480.12	3/4	4,136.80	3/4	3,792.73	3/4	3,448.66	3/4	3,104.59

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 TO TOP LIP 10" HATCH ON EXPANSION DOME  
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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





# BARGE "FMT 3306"

## 2 PORT

### ULLAGE TABLE 10" HATCH

#### GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,753.29	0	2,409.12	0	2,064.95	0	1,720.78	0	1,376.61	0	1,036.62	0	702.82	0	358.66	0	23.67	0	
1/4	2,746.12	1/4	2,401.95	1/4	2,057.78	1/4	1,713.61	1/4	1,369.44	1/4	1,029.76	1/4	695.65	1/4	351.49	1/4	20.08	1/4	
1/2	2,738.95	1/2	2,394.78	1/2	2,050.61	1/2	1,706.44	1/2	1,362.27	1/2	1,022.90	1/2	688.48	1/2	344.32	1/2	16.50	1/2	
3/4	2,731.78	3/4	2,387.61	3/4	2,043.44	3/4	1,699.27	3/4	1,355.10	3/4	1,016.04	3/4	681.31	3/4	337.15	3/4	12.91	3/4	
1	2,724.61	1	2,380.44	1	2,036.27	1	1,692.10	1	1,347.93	1	1,009.18	1	674.14	1	329.98	1	9.33	1	
1/4	2,717.44	1/4	2,373.27	1/4	2,029.10	1/4	1,684.93	1/4	1,340.76	1/4	1,002.32	1/4	666.97	1/4	322.81	1/4	7.54	1/4	
1/2	2,710.27	1/2	2,366.10	1/2	2,021.93	1/2	1,677.76	1/2	1,333.59	1/2	995.45	1/2	659.80	1/2	315.64	1/2	5.74	1/2	
3/4	2,703.10	3/4	2,358.93	3/4	2,014.76	3/4	1,670.59	3/4	1,326.42	3/4	988.59	3/4	652.63	3/4	308.47	3/4	3.95	3/4	
2	2,695.93	2	2,351.76	2	2,007.59	2	1,663.42	2	1,319.25	2	981.73	2	645.46	2	301.30	2	2.16	2	
1/4	2,688.76	1/4	2,344.59	1/4	2,000.42	1/4	1,656.25	1/4	1,312.08	1/4	974.87	1/4	638.29	1/4	294.13	1/4		1/4	
1/2	2,681.59	1/2	2,337.42	1/2	1,993.25	1/2	1,649.08	1/2	1,304.91	1/2	968.01	1/2	631.12	1/2	286.96	1/2		1/2	
3/4	2,674.42	3/4	2,330.25	3/4	1,986.08	3/4	1,641.91	3/4	1,297.74	3/4	961.15	3/4	623.95	3/4	279.79	3/4		3/4	
3	2,667.25	3	2,323.08	3	1,978.91	3	1,634.74	3	1,290.57	3	954.28	3	616.78	3	272.62	3		3	
1/4	2,660.08	1/4	2,315.91	1/4	1,971.74	1/4	1,627.57	1/4	1,283.40	1/4	947.42	1/4	609.61	1/4	265.45	1/4		1/4	
1/2	2,652.91	1/2	2,308.74	1/2	1,964.57	1/2	1,620.40	1/2	1,276.23	1/2	940.56	1/2	602.44	1/2	258.28	1/2		1/2	
3/4	2,645.74	3/4	2,301.57	3/4	1,957.40	3/4	1,613.23	3/4	1,269.06	3/4	933.70	3/4	595.27	3/4	251.11	3/4		3/4	
4	2,638.57	4	2,294.40	4	1,950.23	4	1,606.06	4	1,261.89	4	926.84	4	588.10	4	243.94	4		4	
1/4	2,631.39	1/4	2,287.23	1/4	1,943.06	1/4	1,598.89	1/4	1,254.72	1/4	919.98	1/4	580.93	1/4	236.77	1/4		1/4	
1/2	2,624.22	1/2	2,280.06	1/2	1,935.89	1/2	1,591.72	1/2	1,247.55	1/2	913.11	1/2	573.76	1/2	229.60	1/2		1/2	
3/4	2,617.05	3/4	2,272.88	3/4	1,928.72	3/4	1,584.55	3/4	1,240.38	3/4	906.25	3/4	566.59	3/4	222.43	3/4		3/4	
5	2,609.88	5	2,265.71	5	1,921.55	5	1,577.38	5	1,233.21	5	899.39	5	559.42	5	215.26	5		5	
1/4	2,602.71	1/4	2,258.54	1/4	1,914.37	1/4	1,570.21	1/4	1,226.04	1/4	892.53	1/4	552.25	1/4	208.09	1/4		1/4	
1/2	2,595.54	1/2	2,251.37	1/2	1,907.20	1/2	1,563.04	1/2	1,218.87	1/2	885.67	1/2	545.08	1/2	200.92	1/2		1/2	
3/4	2,588.37	3/4	2,244.20	3/4	1,900.03	3/4	1,555.86	3/4	1,211.70	3/4	878.81	3/4	537.91	3/4	193.75	3/4		3/4	
6	2,581.20	6	2,237.03	6	1,892.86	6	1,548.69	6	1,204.53	6	871.94	6	530.74	6	186.58	6		6	
1/4	2,574.03	1/4	2,229.86	1/4	1,885.69	1/4	1,541.52	1/4	1,197.35	1/4	865.08	1/4	523.57	1/4	179.41	1/4		1/4	
1/2	2,566.86	1/2	2,222.69	1/2	1,878.52	1/2	1,534.35	1/2	1,190.18	1/2	858.21	1/2	516.40	1/2	172.24	1/2		1/2	
3/4	2,559.69	3/4	2,215.52	3/4	1,871.35	3/4	1,527.18	3/4	1,183.01	3/4	851.35	3/4	509.23	3/4	165.07	3/4		3/4	
7	2,552.52	7	2,208.35	7	1,864.18	7	1,520.01	7	1,175.84	7	844.48	7	502.06	7	157.90	7		7	
1/4	2,545.35	1/4	2,201.18	1/4	1,857.01	1/4	1,512.84	1/4	1,168.67	1/4	837.60	1/4	494.89	1/4	150.74	1/4		1/4	
1/2	2,538.18	1/2	2,194.01	1/2	1,849.84	1/2	1,505.67	1/2	1,161.50	1/2	830.73	1/2	487.72	1/2	143.57	1/2		1/2	
3/4	2,531.01	3/4	2,186.84	3/4	1,842.67	3/4	1,498.50	3/4	1,154.33	3/4	823.85	3/4	480.55	3/4	136.40	3/4		3/4	
8	2,523.84	8	2,179.67	8	1,835.50	8	1,491.33	8	1,147.16	8	816.97	8	473.38	8	129.23	8		8	
1/4	2,516.67	1/4	2,172.50	1/4	1,828.33	1/4	1,484.16	1/4	1,140.13	1/4	809.94	1/4	466.21	1/4	122.06	1/4		1/4	
1/2	2,509.50	1/2	2,165.33	1/2	1,821.16	1/2	1,476.99	1/2	1,133.11	1/2	802.91	1/2	459.04	1/2	114.90	1/2		1/2	
3/4	2,502.33	3/4	2,158.16	3/4	1,813.99	3/4	1,469.82	3/4	1,126.08	3/4	795.88	3/4	451.87	3/4	107.74	3/4		3/4	
9	2,495.16	9	2,150.99	9	1,806.82	9	1,462.65	9	1,119.05	9	788.86	9	444.70	9	100.57	9		9	
1/4	2,487.99	1/4	2,143.82	1/4	1,799.65	1/4	1,455.48	1/4	1,112.17	1/4	781.69	1/4	437.53	1/4	93.43	1/4		1/4	
1/2	2,480.82	1/2	2,136.65	1/2	1,792.48	1/2	1,448.31	1/2	1,105.29	1/2	774.52	1/2	430.36	1/2	86.28	1/2		1/2	
3/4	2,473.65	3/4	2,129.48	3/4	1,785.31	3/4	1,441.14	3/4	1,098.41	3/4	767.35	3/4	423.19	3/4	79.13	3/4		3/4	
10	2,466.48	10	2,122.31	10	1,778.14	10	1,433.97	10	1,091.54	10	760.18	10	416.02	10	71.99	10		10	
1/4	2,459.31	1/4	2,115.14	1/4	1,770.97	1/4	1,426.80	1/4	1,084.67	1/4	753.01	1/4	408.85	1/4	65.28	1/4		1/4	
1/2	2,452.14	1/2	2,107.97	1/2	1,763.80	1/2	1,419.63	1/2	1,077.80	1/2	745.84	1/2	401.68	1/2	58.58	1/2		1/2	
3/4	2,444.97	3/4	2,100.80	3/4	1,756.63	3/4	1,412.46	3/4	1,070.94	3/4	738.67	3/4	394.51	3/4	51.88	3/4		3/4	
11	2,437.80	11	2,093.63	11	1,749.46	11	1,405.29	11	1,064.07	11	731.50	11	387.34	11	45.17	11		11	
1/4	2,430.63	1/4	2,086.46	1/4	1,742.29	1/4	1,398.12	1/4	1,057.21	1/4	724.33	1/4	380.17	1/4	39.80	1/4		1/4	
1/2	2,423.46	1/2	2,079.29	1/2	1,735.12	1/2	1,390.95	1/2	1,050.35	1/2	717.16	1/2	373.00	1/2	34.42	1/2		1/2	
3/4	2,416.29	3/4	2,072.12	3/4	1,727.95	3/4	1,383.78	3/4	1,043.49	3/4	709.99	3/4	365.83	3/4	29.04	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "FMT 3306"

## 2 STBD ULLAGE TABLE

### 10" HATCH GAUGE HEIGHT 18'-01 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0	0	0	0	0	0	0	5,108.62	0	4,817.64	0	4,475.40	0	4,132.28	0	3,788.48	0	3,444.75	0	3,101.04		
1/4		1/4		1/4		1/4	5,106.61	1/4	4,818.51	1/4	4,468.27	1/4	4,125.12	1/4	3,781.32	1/4	3,437.59	1/4	3,093.88		
1/2		1/2		1/2		1/2	5,104.60	1/2	4,803.38	1/2	4,461.14	1/2	4,117.96	1/2	3,774.15	1/2	3,430.42	1/2	3,086.72		
3/4		3/4		3/4		3/4	5,102.59	3/4	4,796.25	3/4	4,454.01	3/4	4,110.80	3/4	3,766.99	3/4	3,423.26	3/4	3,079.56		
1	1	1	1	1	1	1	5,099.38	1	4,789.12	1	4,446.88	1	4,103.63	1	3,759.83	1	3,416.10	1	3,072.39		
1/4		1/4		1/4		1/4	5,096.18	1/4	4,781.99	1/4	4,439.75	1/4	4,096.47	1/4	3,752.67	1/4	3,408.94	1/4	3,065.23		
1/2		1/2		1/2		1/2	5,092.97	1/2	4,774.86	1/2	4,432.62	1/2	4,089.31	1/2	3,745.50	1/2	3,401.78	1/2	3,058.07		
3/4		3/4		3/4		3/4	5,089.77	3/4	4,767.73	3/4	4,425.49	3/4	4,082.15	3/4	3,738.34	3/4	3,394.62	3/4	3,050.91		
2	2	2	2	2	2	2	5,085.37	2	4,760.60	2	4,418.36	2	4,074.98	2	3,731.18	2	3,387.46	2	3,043.75		
1/4		1/4		1/4		1/4	5,080.97	1/4	4,753.47	1/4	4,411.23	1/4	4,067.82	1/4	3,724.02	1/4	3,380.30	1/4	3,036.58		
1/2		1/2		1/2		1/2	5,076.57	1/2	4,746.34	1/2	4,404.10	1/2	4,060.66	1/2	3,716.85	1/2	3,373.14	1/2	3,029.42		
3/4		3/4		3/4		3/4	5,072.17	3/4	4,739.21	3/4	4,396.97	3/4	4,053.50	3/4	3,709.69	3/4	3,365.98	3/4	3,022.26		
3	3	3	3	3	3	3	5,066.58	3	4,732.08	3	4,389.84	3	4,046.33	3	3,702.53	3	3,358.82	3	3,015.10		
1/4		1/4		1/4		1/4	5,060.99	1/4	4,724.95	1/4	4,382.71	1/4	4,039.17	1/4	3,695.37	1/4	3,351.66	1/4	3,007.93		
1/2		1/2		1/2		1/2	5,055.39	1/2	4,717.82	1/2	4,375.58	1/2	4,032.01	1/2	3,688.21	1/2	3,344.50	1/2	3,000.77		
3/4		3/4		3/4		3/4	5,049.80	3/4	4,710.69	3/4	4,368.45	3/4	4,024.85	3/4	3,681.05	3/4	3,337.34	3/4	2,993.61		
4	4	4	4	4	4	4	5,043.20	4	4,703.56	4	4,361.32	4	4,017.68	4	3,673.88	4	3,330.18	4	2,986.45		
1/4		1/4		1/4		1/4	5,036.59	1/4	4,696.43	1/4	4,354.19	1/4	4,010.52	1/4	3,666.72	1/4	3,323.02	1/4	2,979.28		
1/2		1/2		1/2		1/2	5,029.99	1/2	4,689.30	1/2	4,347.06	1/2	4,003.36	1/2	3,659.56	1/2	3,315.85	1/2	2,972.12		
3/4		3/4		3/4		3/4	5,023.39	3/4	4,682.17	3/4	4,339.93	3/4	3,996.20	3/4	3,652.40	3/4	3,308.69	3/4	2,964.96		
5	5	5	5	5	5	5	5,016.35	5	4,675.04	5	4,332.79	5	3,989.03	5	3,645.24	5	3,301.53	5	2,957.79		
1/4		1/4		1/4		1/4	5,009.30	1/4	4,667.91	1/4	4,325.64	1/4	3,981.87	1/4	3,638.08	1/4	3,294.37	1/4	2,950.63		
1/2		1/2		1/2		1/2	5,002.26	1/2	4,660.78	1/2	4,318.50	1/2	3,974.71	1/2	3,630.92	1/2	3,287.21	1/2	2,943.47		
3/4		3/4		3/4		3/4	4,995.22	3/4	4,653.65	3/4	4,311.35	3/4	3,967.55	3/4	3,623.76	3/4	3,280.05	3/4	2,936.31		
6	6	6	6	6	6	6	4,988.14	6	4,646.52	6	4,304.19	6	3,960.38	6	3,616.60	6	3,272.89	6	2,929.14		
1/4		1/4		1/4		1/4	4,981.06	1/4	4,639.39	1/4	4,297.02	1/4	3,953.22	1/4	3,609.44	1/4	3,265.73	1/4	2,921.98		
1/2		1/2		1/2		1/2	4,973.99	1/2	4,632.26	1/2	4,289.86	1/2	3,946.06	1/2	3,602.28	1/2	3,258.57	1/2	2,914.82		
3/4		3/4		3/4		3/4	4,966.91	3/4	4,625.13	3/4	4,282.70	3/4	3,938.89	3/4	3,595.12	3/4	3,251.41	3/4	2,907.66		
7	7	7	7	7	7	7	4,959.83	7	4,618.00	7	4,275.54	7	3,931.73	7	3,587.96	7	3,244.25	7	2,900.49		
1/4		1/4		1/4		1/4	4,952.74	1/4	4,610.87	1/4	4,268.37	1/4	3,924.57	1/4	3,580.80	1/4	3,237.09	1/4	2,893.33		
1/2		1/2		1/2		1/2	4,945.66	1/2	4,603.74	1/2	4,261.21	1/2	3,917.41	1/2	3,573.64	1/2	3,229.93	1/2	2,886.17		
3/4		3/4		3/4		3/4	4,938.57	3/4	4,596.61	3/4	4,254.05	3/4	3,910.24	3/4	3,566.48	3/4	3,222.77	3/4	2,879.01		
8	8	8	8	8	8	8	4,931.49	8	4,589.48	8	4,246.89	8	3,903.08	8	3,559.32	8	3,215.61	8	2,871.84		
1/4		1/4		1/4		1/4	4,924.40	1/4	4,582.35	1/4	4,239.72	1/4	3,895.92	1/4	3,552.15	1/4	3,208.45	1/4	2,864.68		
1/2		1/2		1/2		1/2	4,917.32	1/2	4,575.22	1/2	4,232.56	1/2	3,888.76	1/2	3,544.99	1/2	3,201.29	1/2	2,857.52		
3/4		3/4		3/4		3/4	4,910.23	3/4	4,568.09	3/4	4,225.40	3/4	3,881.59	3/4	3,537.83	3/4	3,194.12	3/4	2,850.36		
9	9	9	9	9	9	9	4,903.13	9	4,560.96	9	4,218.24	9	3,874.43	9	3,530.67	9	3,186.96	9	2,843.19		
1/4		1/4		1/4		1/4	4,896.02	1/4	4,553.83	1/4	4,211.07	1/4	3,867.27	1/4	3,523.51	1/4	3,179.80	1/4	2,836.03		
1/2		1/2		1/2		1/2	4,888.91	1/2	4,546.70	1/2	4,203.91	1/2	3,860.11	1/2	3,516.35	1/2	3,172.64	1/2	2,828.87		
3/4		3/4		3/4		3/4	4,881.81	3/4	4,539.57	3/4	4,196.75	3/4	3,852.94	3/4	3,509.19	3/4	3,165.48	3/4	2,821.71		
10	10	10	10	10	10	10	4,874.68	10	4,532.44	10	4,189.59	10	3,845.78	10	3,502.03	10	3,158.32	10	2,814.54		
1/4		1/4		1/4		1/4	4,867.55	1/4	4,525.31	1/4	4,182.42	1/4	3,838.62	1/4	3,494.87	1/4	3,151.16	1/4	2,807.38		
1/2		1/2		1/2		1/2	4,860.42	1/2	4,518.18	1/2	4,175.26	1/2	3,831.46	1/2	3,487.71	1/2	3,144.00	1/2	2,800.22		
3/4		3/4		3/4		3/4	5,114.36	3/4	4,853.29	3/4	4,511.05	3/4	4,168.10	3/4	3,824.29	3/4	3,480.55	3/4	2,793.06		
11	11	11	11	11	11	11	4,846.16	11	4,503.92	11	4,160.94	11	3,817.13	11	3,473.39	11	3,136.84	11	2,785.89		
1/4		1/4		1/4		1/4	5,112.49	1/4	4,839.03	1/4	4,496.79	1/4	4,153.77	1/4	3,809.97	1/4	3,466.23	1/4	3,122.52	1/4	2,778.73
1/2		1/2		1/2		1/2	5,111.56	1/2	4,831.90	1/2	4,489.66	1/2	4,146.61	1/2	3,802.81	1/2	3,459.07	1/2	3,115.36	1/2	2,771.57
3/4		3/4		3/4		3/4	5,110.63	3/4	4,824.77	3/4	4,482.53	3/4	4,139.45	3/4	3,795.64	3/4	3,451.91	3/4	3,108.20	3/4	2,764.40

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 TO TOP LIP 10" HATCH ON EXPANSION DOME  
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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





# BARGE "FMT 3306"

## 2 STBD

### ULLAGE TABLE 10" HATCH

#### GAUGE HEIGHT 18'-01 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,757.24	0	2,413.44	0	2,069.63	0	1,725.83	0	1,382.02	0	1,038.34	0	694.91	0	351.12	0	20.06	0	
1/4	2,750.08	1/4	2,406.27	1/4	2,062.47	1/4	1,718.66	1/4	1,374.86	1/4	1,031.19	1/4	687.75	1/4	343.96	1/4	16.48	1/4	
1/2	2,742.92	1/2	2,399.11	1/2	2,055.31	1/2	1,711.50	1/2	1,367.70	1/2	1,024.04	1/2	680.59	1/2	336.80	1/2	12.90	1/2	
3/4	2,735.75	3/4	2,391.95	3/4	2,048.14	3/4	1,704.34	3/4	1,360.53	3/4	1,016.89	3/4	673.42	3/4	329.63	3/4	9.32	3/4	
1	2,728.59	1	2,384.79	1	2,040.98	1	1,697.18	1	1,353.37	1	1,009.75	1	666.26	1	322.47	1	7.53	1	
1/4	2,721.43	1/4	2,377.62	1/4	2,033.82	1/4	1,690.01	1/4	1,346.21	1/4	1,002.60	1/4	659.10	1/4	315.31	1/4	5.74	1/4	
1/2	2,714.27	1/2	2,370.46	1/2	2,026.66	1/2	1,682.85	1/2	1,339.05	1/2	995.45	1/2	651.94	1/2	308.15	1/2	3.95	1/2	
3/4	2,707.10	3/4	2,363.30	3/4	2,019.49	3/4	1,675.69	3/4	1,331.88	3/4	988.30	3/4	644.78	3/4	300.99	3/4	2.16	3/4	
2	2,699.94	2	2,356.14	2	2,012.33	2	1,668.53	2	1,324.72	2	981.15	2	637.61	2	293.82	2		2	
1/4	2,692.78	1/4	2,348.97	1/4	2,005.17	1/4	1,661.36	1/4	1,317.56	1/4	974.00	1/4	630.45	1/4	286.66	1/4		1/4	
1/2	2,685.62	1/2	2,341.81	1/2	1,998.01	1/2	1,654.20	1/2	1,310.40	1/2	966.85	1/2	623.29	1/2	279.50	1/2		1/2	
3/4	2,678.45	3/4	2,334.65	3/4	1,990.84	3/4	1,647.04	3/4	1,303.23	3/4	959.71	3/4	616.13	3/4	272.34	3/4		3/4	
3	2,671.29	3	2,327.49	3	1,983.68	3	1,639.88	3	1,296.07	3	952.56	3	608.96	3	265.17	3		3	
1/4	2,664.13	1/4	2,320.32	1/4	1,976.52	1/4	1,632.71	1/4	1,288.91	1/4	945.41	1/4	601.80	1/4	258.01	1/4		1/4	
1/2	2,656.97	1/2	2,313.16	1/2	1,969.36	1/2	1,625.55	1/2	1,281.75	1/2	938.26	1/2	594.64	1/2	250.85	1/2		1/2	
3/4	2,649.80	3/4	2,306.00	3/4	1,962.19	3/4	1,618.39	3/4	1,274.58	3/4	931.11	3/4	587.48	3/4	243.69	3/4		3/4	
4	2,642.64	4	2,298.84	4	1,955.03	4	1,611.23	4	1,267.42	4	923.96	4	580.32	4	236.52	4		4	
1/4	2,635.48	1/4	2,291.67	1/4	1,947.87	1/4	1,604.06	1/4	1,260.26	1/4	916.82	1/4	573.15	1/4	229.36	1/4		1/4	
1/2	2,628.32	1/2	2,284.51	1/2	1,940.71	1/2	1,596.90	1/2	1,253.10	1/2	909.67	1/2	565.99	1/2	222.20	1/2		1/2	
3/4	2,621.15	3/4	2,277.35	3/4	1,933.54	3/4	1,589.74	3/4	1,245.93	3/4	902.52	3/4	558.83	3/4	215.04	3/4		3/4	
5	2,613.99	5	2,270.19	5	1,926.38	5	1,582.58	5	1,238.77	5	895.37	5	551.67	5	207.88	5		5	
1/4	2,606.83	1/4	2,263.02	1/4	1,919.22	1/4	1,575.41	1/4	1,231.61	1/4	888.22	1/4	544.50	1/4	200.71	1/4		1/4	
1/2	2,599.66	1/2	2,255.86	1/2	1,912.06	1/2	1,568.25	1/2	1,224.45	1/2	881.07	1/2	537.34	1/2	193.55	1/2		1/2	
3/4	2,592.50	3/4	2,248.70	3/4	1,904.89	3/4	1,561.09	3/4	1,217.28	3/4	873.93	3/4	530.18	3/4	186.39	3/4		3/4	
6	2,585.34	6	2,241.53	6	1,897.73	6	1,553.93	6	1,210.12	6	866.77	6	523.02	6	179.23	6		6	
1/4	2,578.18	1/4	2,234.37	1/4	1,890.57	1/4	1,546.76	1/4	1,202.96	1/4	859.62	1/4	515.85	1/4	172.06	1/4		1/4	
1/2	2,571.01	1/2	2,227.21	1/2	1,883.40	1/2	1,539.60	1/2	1,195.80	1/2	852.47	1/2	508.69	1/2	164.90	1/2		1/2	
3/4	2,563.85	3/4	2,220.05	3/4	1,876.24	3/4	1,532.44	3/4	1,188.63	3/4	845.32	3/4	501.53	3/4	157.74	3/4		3/4	
7	2,556.69	7	2,212.88	7	1,869.08	7	1,525.27	7	1,181.47	7	838.15	7	494.37	7	150.58	7		7	
1/4	2,549.53	1/4	2,205.72	1/4	1,861.92	1/4	1,518.11	1/4	1,174.31	1/4	830.99	1/4	487.21	1/4	143.42	1/4		1/4	
1/2	2,542.36	1/2	2,198.56	1/2	1,854.75	1/2	1,510.95	1/2	1,167.14	1/2	823.83	1/2	480.04	1/2	136.25	1/2		1/2	
3/4	2,535.20	3/4	2,191.40	3/4	1,847.59	3/4	1,503.79	3/4	1,159.98	3/4	816.67	3/4	472.88	3/4	129.09	3/4		3/4	
8	2,528.04	8	2,184.23	8	1,840.43	8	1,496.62	8	1,152.82	8	809.51	8	465.72	8	121.94	8		8	
1/4	2,520.88	1/4	2,177.07	1/4	1,833.27	1/4	1,489.46	1/4	1,145.66	1/4	802.35	1/4	458.56	1/4	114.78	1/4		1/4	
1/2	2,513.71	1/2	2,169.91	1/2	1,826.10	1/2	1,482.30	1/2	1,138.49	1/2	795.18	1/2	451.39	1/2	107.62	1/2		1/2	
3/4	2,506.55	3/4	2,162.75	3/4	1,818.94	3/4	1,475.14	3/4	1,131.33	3/4	788.02	3/4	444.23	3/4	100.47	3/4		3/4	
9	2,499.39	9	2,155.58	9	1,811.78	9	1,467.97	9	1,124.17	9	780.86	9	437.07	9	93.33	9		9	
1/4	2,492.23	1/4	2,148.42	1/4	1,804.62	1/4	1,460.81	1/4	1,117.01	1/4	773.70	1/4	429.91	1/4	86.19	1/4		1/4	
1/2	2,485.06	1/2	2,141.26	1/2	1,797.45	1/2	1,453.65	1/2	1,109.85	1/2	766.53	1/2	422.74	1/2	79.05	1/2		1/2	
3/4	2,477.90	3/4	2,134.10	3/4	1,790.29	3/4	1,446.49	3/4	1,102.69	3/4	759.37	3/4	415.58	3/4	71.91	3/4		3/4	
10	2,470.74	10	2,126.93	10	1,783.13	10	1,439.32	10	1,095.54	10	752.21	10	408.42	10	65.22	10		10	
1/4	2,463.58	1/4	2,119.77	1/4	1,775.97	1/4	1,432.16	1/4	1,088.39	1/4	745.05	1/4	401.26	1/4	58.52	1/4		1/4	
1/2	2,456.41	1/2	2,112.61	1/2	1,768.80	1/2	1,425.00	1/2	1,081.23	1/2	737.89	1/2	394.10	1/2	51.82	1/2		1/2	
3/4	2,449.25	3/4	2,105.45	3/4	1,761.64	3/4	1,417.84	3/4	1,074.08	3/4	730.72	3/4	386.93	3/4	45.13	3/4		3/4	
11	2,442.09	11	2,098.28	11	1,754.48	11	1,410.67	11	1,066.93	11	723.56	11	379.77	11	39.76	11		11	
1/4	2,434.92	1/4	2,091.12	1/4	1,747.32	1/4	1,403.51	1/4	1,059.78	1/4	716.40	1/4	372.61	1/4	34.39	1/4		1/4	
1/2	2,427.76	1/2	2,083.96	1/2	1,740.15	1/2	1,396.35	1/2	1,052.64	1/2	709.24	1/2	365.45	1/2	29.01	1/2		1/2	
3/4	2,420.60	3/4	2,076.79	3/4	1,732.99	3/4	1,389.19	3/4	1,045.49	3/4	702.07	3/4	358.28	3/4	23.64	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "FMT 3306"

## 3 PORT ULLAGE TABLE

### 10" HATCH GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	4,392.97	0	4,223.66	0	4,014.94	0	3,805.73	0	3,596.09	0	3,386.99	0	3,074.04
1/4		1/4		1/4		1/4	4,391.26	1/4	4,219.31	1/4	4,010.59	1/4	3,801.36	1/4	3,591.72	1/4	3,382.65	1/4	3,066.93
1/2		1/2		1/2		1/2	4,389.55	1/2	4,214.96	1/2	4,006.24	1/2	3,796.99	1/2	3,587.36	1/2	3,378.31	1/2	3,059.82
3/4		3/4		3/4		3/4	4,387.85	3/4	4,210.61	3/4	4,001.89	3/4	3,792.62	3/4	3,582.99	3/4	3,373.96	3/4	3,052.71
1	1	1	1	1	1	1	4,386.14	1	4,206.27	1	3,997.55	1	3,788.26	1	3,578.62	1	3,369.62	1	3,045.60
1/4		1/4		1/4		1/4	4,384.43	1/4	4,201.92	1/4	3,993.20	1/4	3,783.89	1/4	3,574.25	1/4	3,365.29	1/4	3,038.49
1/2		1/2		1/2		1/2	4,382.73	1/2	4,197.57	1/2	3,988.85	1/2	3,779.52	1/2	3,569.89	1/2	3,360.95	1/2	3,031.37
3/4		3/4		3/4		3/4	4,381.02	3/4	4,193.22	3/4	3,984.50	3/4	3,775.15	3/4	3,565.52	3/4	3,356.62	3/4	3,024.26
2	2	2	2	2	2	2	4,379.32	2	4,188.87	2	3,980.15	2	3,770.79	2	3,561.15	2	3,352.29	2	3,017.14
1/4		1/4		1/4		1/4	4,377.34	1/4	4,184.52	1/4	3,975.81	1/4	3,766.42	1/4	3,556.78	1/4	3,346.57	1/4	3,010.01
1/2		1/2		1/2		1/2	4,375.37	1/2	4,180.18	1/2	3,971.46	1/2	3,762.05	1/2	3,552.42	1/2	3,340.86	1/2	3,002.89
3/4		3/4		3/4		3/4	4,373.39	3/4	4,175.83	3/4	3,967.11	3/4	3,757.68	3/4	3,548.05	3/4	3,335.15	3/4	2,995.77
3	3	3	3	3	3	3	4,371.42	3	4,171.48	3	3,962.76	3	3,753.32	3	3,543.68	3	3,329.43	3	2,988.64
1/4		1/4		1/4		1/4	4,368.58	1/4	4,167.13	1/4	3,958.41	1/4	3,748.95	1/4	3,539.32	1/4	3,322.34	1/4	2,981.52
1/2		1/2		1/2		1/2	4,365.75	1/2	4,162.78	1/2	3,954.06	1/2	3,744.58	1/2	3,534.96	1/2	3,315.25	1/2	2,974.39
3/4		3/4		3/4		3/4	4,362.91	3/4	4,158.43	3/4	3,949.72	3/4	3,740.21	3/4	3,530.60	3/4	3,308.16	3/4	2,967.27
4	4	4	4	4	4	4	4,360.07	4	4,154.09	4	3,945.37	4	3,735.85	4	3,526.24	4	3,301.06	4	2,960.15
1/4		1/4		1/4		1/4	4,356.23	1/4	4,149.74	1/4	3,941.02	1/4	3,731.48	1/4	3,521.89	1/4	3,293.97	1/4	2,953.02
1/2		1/2		1/2		1/2	4,352.39	1/2	4,145.39	1/2	3,936.67	1/2	3,727.11	1/2	3,517.54	1/2	3,286.88	1/2	2,945.90
3/4		3/4		3/4		3/4	4,348.55	3/4	4,141.04	3/4	3,932.32	3/4	3,722.74	3/4	3,513.19	3/4	3,279.79	3/4	2,938.77
5	5	5	5	5	5	5	4,344.71	5	4,136.69	5	3,927.97	5	3,718.38	5	3,508.84	5	3,272.69	5	2,931.65
1/4		1/4		1/4		1/4	4,340.43	1/4	4,132.34	1/4	3,923.62	1/4	3,714.01	1/4	3,504.48	1/4	3,265.60	1/4	2,924.53
1/2		1/2		1/2		1/2	4,336.15	1/2	4,128.00	1/2	3,919.26	1/2	3,709.64	1/2	3,500.13	1/2	3,258.51	1/2	2,917.41
3/4		3/4		3/4		3/4	4,331.87	3/4	4,123.65	3/4	3,914.90	3/4	3,705.27	3/4	3,495.78	3/4	3,251.42	3/4	2,910.29
6	6	6	6	6	6	6	4,327.59	6	4,119.30	6	3,910.54	6	3,700.91	6	3,491.43	6	3,244.33	6	2,903.17
1/4		1/4		1/4		1/4	4,323.28	1/4	4,114.95	1/4	3,906.18	1/4	3,696.54	1/4	3,487.08	1/4	3,237.24	1/4	2,896.06
1/2		1/2		1/2		1/2	4,318.97	1/2	4,110.60	1/2	3,901.81	1/2	3,692.17	1/2	3,482.73	1/2	3,230.15	1/2	2,888.95
3/4		3/4		3/4		3/4	4,314.66	3/4	4,106.25	3/4	3,897.44	3/4	3,687.81	3/4	3,478.37	3/4	3,223.05	3/4	2,881.84
7	7	7	7	7	7	7	4,310.34	7	4,101.91	7	3,893.07	7	3,683.44	7	3,474.02	7	3,215.96	7	2,874.72
1/4		1/4		1/4		1/4	4,306.03	1/4	4,097.56	1/4	3,888.71	1/4	3,679.07	1/4	3,469.67	1/4	3,208.87	1/4	2,867.61
1/2		1/2		1/2		1/2	4,301.71	1/2	4,093.21	1/2	3,884.34	1/2	3,674.70	1/2	3,465.32	1/2	3,201.78	1/2	2,860.50
3/4		3/4		3/4		3/4	4,297.39	3/4	4,088.86	3/4	3,879.97	3/4	3,670.34	3/4	3,460.97	3/4	3,194.69	3/4	2,853.39
8	8	8	8	8	8	8	4,293.07	8	4,084.51	8	3,875.60	8	3,665.97	8	3,456.62	8	3,187.60	8	2,846.27
1/4		1/4		1/4		1/4	4,288.75	1/4	4,080.16	1/4	3,871.24	1/4	3,661.60	1/4	3,452.26	1/4	3,180.51	1/4	2,839.16
1/2		1/2		1/2		1/2	4,284.43	1/2	4,075.82	1/2	3,866.87	1/2	3,657.23	1/2	3,447.91	1/2	3,173.42	1/2	2,832.05
3/4		3/4		3/4		3/4	4,280.11	3/4	4,071.47	3/4	3,862.50	3/4	3,652.87	3/4	3,443.56	3/4	3,166.33	3/4	2,824.94
9	9	9	9	9	9	9	4,275.78	9	4,067.12	9	3,858.13	9	3,648.50	9	3,439.21	9	3,159.23	9	2,817.82
1/4		1/4		1/4		1/4	4,271.45	1/4	4,062.77	1/4	3,853.77	1/4	3,644.13	1/4	3,434.86	1/4	3,152.14	1/4	2,810.71
1/2		1/2		1/2		1/2	4,267.11	1/2	4,058.42	1/2	3,849.40	1/2	3,639.76	1/2	3,430.51	1/2	3,145.05	1/2	2,803.60
3/4		3/4		3/4		3/4	4,262.78	3/4	4,054.07	3/4	3,845.03	3/4	3,635.40	3/4	3,426.16	3/4	3,137.96	3/4	2,796.49
10	10	10	10	10	10	10	4,258.44	10	4,049.73	10	3,840.66	10	3,631.03	10	3,421.80	10	3,130.87	10	2,789.37
1/4		1/4		1/4		1/4	4,254.10	1/4	4,045.38	1/4	3,836.30	1/4	3,626.66	1/4	3,417.45	1/4	3,123.77	1/4	2,782.26
1/2		1/2		1/2		1/2	4,249.75	1/2	4,041.03	1/2	3,831.93	1/2	3,622.29	1/2	3,413.10	1/2	3,116.67	1/2	2,775.15
3/4		3/4		3/4		3/4	4,245.40	3/4	4,036.68	3/4	3,827.56	3/4	3,617.93	3/4	3,408.75	3/4	3,109.57	3/4	2,768.04
11	11	11	11	11	11	11	4,397.27	11	4,241.05	11	4,032.33	11	3,823.19	11	3,613.56	11	3,404.40	11	3,102.47
1/4		1/4		1/4		1/4	4,396.19	1/4	4,236.70	1/4	4,027.98	1/4	3,818.83	1/4	3,609.19	1/4	3,400.05	1/4	3,095.36
1/2		1/2		1/2		1/2	4,395.12	1/2	4,232.35	1/2	4,023.64	1/2	3,814.46	1/2	3,604.82	1/2	3,395.69	1/2	3,088.25
3/4		3/4		3/4		3/4	4,394.04	3/4	4,228.01	3/4	4,019.29	3/4	3,810.09	3/4	3,600.46	3/4	3,391.34	3/4	3,081.15

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 TO TOP LIP 10" HATCH ON EXPANSION DOME  
 GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 82'-08" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 3 PORT

### ULLAGE TABLE 10" HATCH

#### GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,732.48	0	2,391.06	0	2,049.62	0	1,708.19	0	1,366.75	0	1,029.29	0	698.00	0	356.48	0	23.53	0	
1/4	2,725.36	1/4	2,383.95	1/4	2,042.51	1/4	1,701.07	1/4	1,359.63	1/4	1,022.49	1/4	690.89	1/4	349.35	1/4	19.96	1/4	
1/2	2,718.25	1/2	2,376.84	1/2	2,035.40	1/2	1,693.96	1/2	1,352.52	1/2	1,015.69	1/2	683.77	1/2	342.23	1/2	16.40	1/2	
3/4	2,711.14	3/4	2,369.72	3/4	2,028.28	3/4	1,686.85	3/4	1,345.41	3/4	1,008.88	3/4	676.66	3/4	335.10	3/4	12.84	3/4	
1	2,704.03	1	2,362.61	1	2,021.17	1	1,679.73	1	1,338.29	1	1,002.08	1	669.55	1	327.98	1	9.27	1	
1/4	2,696.91	1/4	2,355.50	1/4	2,014.06	1/4	1,672.62	1/4	1,331.18	1/4	995.27	1/4	662.43	1/4	320.85	1/4	7.49	1/4	
1/2	2,689.80	1/2	2,348.38	1/2	2,006.94	1/2	1,665.51	1/2	1,324.07	1/2	988.47	1/2	655.32	1/2	313.72	1/2	5.71	1/2	
3/4	2,682.69	3/4	2,341.27	3/4	1,999.83	3/4	1,658.39	3/4	1,316.95	3/4	981.66	3/4	648.20	3/4	306.60	3/4	3.93	3/4	
2	2,675.58	2	2,334.16	2	1,992.72	2	1,651.28	2	1,309.84	2	974.86	2	641.09	2	299.47	2	2.15	2	
1/4	2,668.46	1/4	2,327.04	1/4	1,985.60	1/4	1,644.17	1/4	1,302.73	1/4	968.06	1/4	633.97	1/4	292.34	1/4		1/4	
1/2	2,661.35	1/2	2,319.93	1/2	1,978.49	1/2	1,637.05	1/2	1,295.61	1/2	961.25	1/2	626.86	1/2	285.22	1/2		1/2	
3/4	2,654.24	3/4	2,312.82	3/4	1,971.38	3/4	1,629.94	3/4	1,288.50	3/4	954.45	3/4	619.74	3/4	278.09	3/4		3/4	
3	2,647.13	3	2,305.70	3	1,964.26	3	1,622.83	3	1,281.39	3	947.64	3	612.63	3	270.97	3		3	
1/4	2,640.01	1/4	2,298.59	1/4	1,957.15	1/4	1,615.71	1/4	1,274.27	1/4	940.84	1/4	605.51	1/4	263.84	1/4		1/4	
1/2	2,632.90	1/2	2,291.48	1/2	1,950.04	1/2	1,608.60	1/2	1,267.16	1/2	934.04	1/2	598.40	1/2	256.71	1/2		1/2	
3/4	2,625.79	3/4	2,284.36	3/4	1,942.92	3/4	1,601.49	3/4	1,260.05	3/4	927.23	3/4	591.28	3/4	249.59	3/4		3/4	
4	2,618.68	4	2,277.25	4	1,935.81	4	1,594.37	4	1,252.93	4	920.43	4	584.17	4	242.46	4		4	
1/4	2,611.56	1/4	2,270.14	1/4	1,928.70	1/4	1,587.26	1/4	1,245.82	1/4	913.62	1/4	577.06	1/4	235.33	1/4		1/4	
1/2	2,604.45	1/2	2,263.02	1/2	1,921.58	1/2	1,580.15	1/2	1,238.71	1/2	906.82	1/2	569.94	1/2	228.21	1/2		1/2	
3/4	2,597.34	3/4	2,255.91	3/4	1,914.47	3/4	1,573.03	3/4	1,231.59	3/4	900.02	3/4	562.83	3/4	221.08	3/4		3/4	
5	2,590.23	5	2,248.80	5	1,907.36	5	1,565.92	5	1,224.48	5	893.21	5	555.71	5	213.96	5		5	
1/4	2,583.11	1/4	2,241.68	1/4	1,900.24	1/4	1,558.81	1/4	1,217.37	1/4	886.41	1/4	548.60	1/4	206.83	1/4		1/4	
1/2	2,576.00	1/2	2,234.57	1/2	1,893.13	1/2	1,551.69	1/2	1,210.25	1/2	879.61	1/2	541.48	1/2	199.70	1/2		1/2	
3/4	2,568.89	3/4	2,227.46	3/4	1,886.02	3/4	1,544.58	3/4	1,203.14	3/4	872.80	3/4	534.37	3/4	192.58	3/4		3/4	
6	2,561.78	6	2,220.34	6	1,878.91	6	1,537.47	6	1,196.03	6	866.00	6	527.25	6	185.45	6		6	
1/4	2,554.67	1/4	2,213.23	1/4	1,871.79	1/4	1,530.35	1/4	1,188.91	1/4	859.19	1/4	520.14	1/4	178.32	1/4		1/4	
1/2	2,547.55	1/2	2,206.12	1/2	1,864.68	1/2	1,523.24	1/2	1,181.80	1/2	852.38	1/2	513.02	1/2	171.20	1/2		1/2	
3/4	2,540.44	3/4	2,199.00	3/4	1,857.57	3/4	1,516.13	3/4	1,174.69	3/4	845.57	3/4	505.91	3/4	164.07	3/4		3/4	
7	2,533.33	7	2,191.89	7	1,850.45	7	1,509.01	7	1,167.58	7	838.77	7	498.80	7	156.94	7		7	
1/4	2,526.22	1/4	2,184.78	1/4	1,843.34	1/4	1,501.90	1/4	1,160.46	1/4	831.92	1/4	491.68	1/4	149.82	1/4		1/4	
1/2	2,519.10	1/2	2,177.66	1/2	1,836.23	1/2	1,494.79	1/2	1,153.35	1/2	825.07	1/2	484.57	1/2	142.69	1/2		1/2	
3/4	2,511.99	3/4	2,170.55	3/4	1,829.11	3/4	1,487.67	3/4	1,146.24	3/4	818.22	3/4	477.45	3/4	135.57	3/4		3/4	
8	2,504.88	8	2,163.44	8	1,822.00	8	1,480.56	8	1,139.12	8	811.38	8	470.34	8	128.44	8		8	
1/4	2,497.76	1/4	2,156.32	1/4	1,814.89	1/4	1,473.45	1/4	1,132.12	1/4	804.38	1/4	463.22	1/4	121.32	1/4		1/4	
1/2	2,490.65	1/2	2,149.21	1/2	1,807.77	1/2	1,466.33	1/2	1,125.13	1/2	797.38	1/2	456.11	1/2	114.20	1/2		1/2	
3/4	2,483.54	3/4	2,142.10	3/4	1,800.66	3/4	1,459.22	3/4	1,118.13	3/4	790.38	3/4	448.99	3/4	107.08	3/4		3/4	
9	2,476.42	9	2,134.98	9	1,793.55	9	1,452.11	9	1,111.13	9	783.38	9	441.88	9	99.96	9		9	
1/4	2,469.31	1/4	2,127.87	1/4	1,786.43	1/4	1,444.99	1/4	1,104.28	1/4	776.26	1/4	434.76	1/4	92.86	1/4		1/4	
1/2	2,462.20	1/2	2,120.76	1/2	1,779.32	1/2	1,437.88	1/2	1,097.44	1/2	769.15	1/2	427.65	1/2	85.76	1/2		1/2	
3/4	2,455.08	3/4	2,113.64	3/4	1,772.21	3/4	1,430.77	3/4	1,090.59	3/4	762.04	3/4	420.53	3/4	78.65	3/4		3/4	
10	2,447.97	10	2,106.53	10	1,765.09	10	1,423.65	10	1,083.74	10	754.92	10	413.42	10	71.55	10		10	
1/4	2,440.86	1/4	2,099.42	1/4	1,757.98	1/4	1,416.54	1/4	1,076.93	1/4	747.81	1/4	406.31	1/4	64.89	1/4		1/4	
1/2	2,433.74	1/2	2,092.30	1/2	1,750.87	1/2	1,409.43	1/2	1,070.13	1/2	740.69	1/2	399.19	1/2	58.23	1/2		1/2	
3/4	2,426.63	3/4	2,085.19	3/4	1,743.75	3/4	1,402.31	3/4	1,063.32	3/4	733.58	3/4	392.08	3/4	51.56	3/4		3/4	
11	2,419.52	11	2,078.08	11	1,736.64	11	1,395.20	11	1,056.51	11	726.46	11	384.96	11	44.90	11		11	
1/4	2,412.40	1/4	2,070.96	1/4	1,729.53	1/4	1,388.09	1/4	1,049.71	1/4	719.35	1/4	377.84	1/4	39.56	1/4		1/4	
1/2	2,405.29	1/2	2,063.85	1/2	1,722.41	1/2	1,380.97	1/2	1,042.90	1/2	712.23	1/2	370.72	1/2	34.21	1/2		1/2	
3/4	2,398.18	3/4	2,056.74	3/4	1,715.30	3/4	1,373.86	3/4	1,036.10	3/4	705.12	3/4	363.60	3/4	28.87	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "FMT 3306"

**3 STBD**  
**ULLAGE TABLE**

**10" HATCH**  
**GAUGE HEIGHT 18'-02"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	4,404.80	0	4,235.62	0	4,027.07	0	3,818.03	0	3,608.56	0	3,399.10	0	3,086.59
1/4		1/4		1/4		1/4	4,403.10	1/4	4,231.28	1/4	4,022.73	1/4	3,813.67	1/4	3,604.20	1/4	3,394.75	1/4	3,079.49
1/2		1/2		1/2		1/2	4,401.39	1/2	4,226.93	1/2	4,018.38	1/2	3,809.30	1/2	3,599.84	1/2	3,390.40	1/2	3,072.40
3/4		3/4		3/4		3/4	4,399.69	3/4	4,222.59	3/4	4,014.04	3/4	3,804.94	3/4	3,595.47	3/4	3,386.06	3/4	3,065.30
1	1	1	1	1	1	1	4,397.98	1	4,218.24	1	4,009.69	1	3,800.57	1	3,591.11	1	3,381.71	1	3,058.20
1/4		1/4		1/4		1/4	4,396.28	1/4	4,213.90	1/4	4,005.35	1/4	3,796.21	1/4	3,586.74	1/4	3,377.38	1/4	3,051.11
1/2		1/2		1/2		1/2	4,394.57	1/2	4,209.55	1/2	4,001.00	1/2	3,791.85	1/2	3,582.38	1/2	3,373.05	1/2	3,044.01
3/4		3/4		3/4		3/4	4,392.87	3/4	4,205.21	3/4	3,996.66	3/4	3,787.48	3/4	3,578.02	3/4	3,368.73	3/4	3,036.91
2	2	2	2	2	2	2	4,391.16	2	4,200.86	2	3,992.31	2	3,783.12	2	3,573.65	2	3,364.40	2	3,029.81
1/4		1/4		1/4		1/4	4,389.19	1/4	4,196.52	1/4	3,987.97	1/4	3,778.75	1/4	3,569.29	1/4	3,358.69	1/4	3,022.72
1/2		1/2		1/2		1/2	4,387.22	1/2	4,192.17	1/2	3,983.62	1/2	3,774.39	1/2	3,564.92	1/2	3,352.99	1/2	3,015.62
3/4		3/4		3/4		3/4	4,385.24	3/4	4,187.83	3/4	3,979.28	3/4	3,770.03	3/4	3,560.56	3/4	3,347.29	3/4	3,008.52
3	3	3	3	3	3	3	4,383.27	3	4,183.48	3	3,974.93	3	3,765.66	3	3,556.20	3	3,341.58	3	3,001.42
1/4		1/4		1/4		1/4	4,380.44	1/4	4,179.14	1/4	3,970.59	1/4	3,761.30	1/4	3,551.83	1/4	3,334.50	1/4	2,994.33
1/2		1/2		1/2		1/2	4,377.60	1/2	4,174.79	1/2	3,966.24	1/2	3,756.94	1/2	3,547.47	1/2	3,327.42	1/2	2,987.23
3/4		3/4		3/4		3/4	4,374.77	3/4	4,170.45	3/4	3,961.90	3/4	3,752.57	3/4	3,543.10	3/4	3,320.34	3/4	2,980.13
4	4	4	4	4	4	4	4,371.93	4	4,166.10	4	3,957.55	4	3,748.21	4	3,538.74	4	3,313.26	4	2,973.03
1/4		1/4		1/4		1/4	4,368.09	1/4	4,161.76	1/4	3,953.21	1/4	3,743.84	1/4	3,534.38	1/4	3,306.18	1/4	2,965.94
1/2		1/2		1/2		1/2	4,364.25	1/2	4,157.42	1/2	3,948.86	1/2	3,739.48	1/2	3,530.01	1/2	3,299.10	1/2	2,958.84
3/4		3/4		3/4		3/4	4,360.41	3/4	4,153.07	3/4	3,944.52	3/4	3,735.12	3/4	3,525.65	3/4	3,292.02	3/4	2,951.74
5	5	5	5	5	5	5	4,356.58	5	4,148.73	5	3,940.18	5	3,730.75	5	3,521.28	5	3,284.94	5	2,944.65
1/4		1/4		1/4		1/4	4,352.30	1/4	4,144.38	1/4	3,935.82	1/4	3,726.39	1/4	3,516.92	1/4	3,277.86	1/4	2,937.55
1/2		1/2		1/2		1/2	4,348.02	1/2	4,140.04	1/2	3,931.47	1/2	3,722.02	1/2	3,512.56	1/2	3,270.78	1/2	2,930.45
3/4		3/4		3/4		3/4	4,343.75	3/4	4,135.69	3/4	3,927.12	3/4	3,717.66	3/4	3,508.19	3/4	3,263.70	3/4	2,923.35
6	6	6	6	6	6	6	4,339.47	6	4,131.35	6	3,922.76	6	3,713.30	6	3,503.83	6	3,256.62	6	2,916.26
1/4		1/4		1/4		1/4	4,335.16	1/4	4,127.00	1/4	3,918.40	1/4	3,708.93	1/4	3,499.47	1/4	3,249.54	1/4	2,909.16
1/2		1/2		1/2		1/2	4,330.86	1/2	4,122.66	1/2	3,914.04	1/2	3,704.57	1/2	3,495.10	1/2	3,242.46	1/2	2,902.06
3/4		3/4		3/4		3/4	4,326.55	3/4	4,118.31	3/4	3,909.67	3/4	3,700.20	3/4	3,490.74	3/4	3,235.38	3/4	2,894.96
7	7	7	7	7	7	7	4,322.24	7	4,113.97	7	3,905.31	7	3,695.84	7	3,486.37	7	3,228.30	7	2,887.87
1/4		1/4		1/4		1/4	4,317.92	1/4	4,109.62	1/4	3,900.94	1/4	3,691.48	1/4	3,482.01	1/4	3,221.22	1/4	2,880.77
1/2		1/2		1/2		1/2	4,313.61	1/2	4,105.28	1/2	3,896.58	1/2	3,687.11	1/2	3,477.65	1/2	3,214.14	1/2	2,873.67
3/4		3/4		3/4		3/4	4,309.29	3/4	4,100.93	3/4	3,892.22	3/4	3,682.75	3/4	3,473.28	3/4	3,207.06	3/4	2,866.58
8	8	8	8	8	8	8	4,304.98	8	4,096.59	8	3,887.85	8	3,678.39	8	3,468.92	8	3,199.98	8	2,859.48
1/4		1/4		1/4		1/4	4,300.66	1/4	4,092.24	1/4	3,883.49	1/4	3,674.02	1/4	3,464.55	1/4	3,192.90	1/4	2,852.38
1/2		1/2		1/2		1/2	4,296.34	1/2	4,087.90	1/2	3,879.12	1/2	3,669.66	1/2	3,460.19	1/2	3,185.82	1/2	2,845.28
3/4		3/4		3/4		3/4	4,292.02	3/4	4,083.55	3/4	3,874.76	3/4	3,665.29	3/4	3,455.83	3/4	3,178.74	3/4	2,838.19
9	9	9	9	9	9	9	4,287.71	9	4,079.21	9	3,870.40	9	3,660.93	9	3,451.46	9	3,171.66	9	2,831.09
1/4		1/4		1/4		1/4	4,283.37	1/4	4,074.86	1/4	3,866.03	1/4	3,656.57	1/4	3,447.10	1/4	3,164.58	1/4	2,823.99
1/2		1/2		1/2		1/2	4,279.04	1/2	4,070.52	1/2	3,861.67	1/2	3,652.20	1/2	3,442.73	1/2	3,157.50	1/2	2,816.89
3/4		3/4		3/4		3/4	4,274.71	3/4	4,066.17	3/4	3,857.31	3/4	3,647.84	3/4	3,438.37	3/4	3,150.42	3/4	2,809.80
10	10	10	10	10	10	10	4,270.38	10	4,061.83	10	3,852.94	10	3,643.47	10	3,434.01	10	3,143.34	10	2,802.70
1/4		1/4		1/4		1/4	4,266.04	1/4	4,057.48	1/4	3,848.58	1/4	3,639.11	1/4	3,429.64	1/4	3,136.25	1/4	2,795.60
1/2		1/2		1/2		1/2	4,261.69	1/2	4,053.14	1/2	3,844.21	1/2	3,634.75	1/2	3,425.28	1/2	3,129.16	1/2	2,788.51
3/4		3/4		3/4		3/4	4,257.35	3/4	4,048.80	3/4	3,839.85	3/4	3,630.38	3/4	3,420.92	3/4	3,122.07	3/4	2,781.41
11	11	11	11	11	11	11	4,409.10	11	4,253.00	11	4,044.45	11	3,835.49	11	3,626.02	11	3,416.55	11	3,114.98
1/4		1/4		1/4		1/4	4,408.03	1/4	4,248.66	1/4	4,040.11	1/4	3,831.12	1/4	3,621.65	1/4	3,412.19	1/4	3,107.88
1/2		1/2		1/2		1/2	4,406.95	1/2	4,244.31	1/2	4,035.76	1/2	3,826.76	1/2	3,617.29	1/2	3,407.82	1/2	3,100.79
3/4		3/4		3/4		3/4	4,405.88	3/4	4,239.97	3/4	4,031.42	3/4	3,822.39	3/4	3,612.93	3/4	3,403.46	3/4	3,093.69

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 TO TOP LIP 10" HATCH ON EXPANSION DOME  
GAUGE POINT: (10" HATCH) LOCATED 3'-03" OFF CENTERLINE AND 82'-08" FORWARD OF AFT BULKHEAD

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



# BARGE "FMT 3306"

## 3 STBD

### ULLAGE TABLE 10" HATCH

#### GAUGE HEIGHT 18'-02"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,745.92	0	2,404.69	0	2,063.14	0	1,721.60	0	1,380.05	0	1,038.62	0	697.47	0	355.93	0	23.49	0	
1/4	2,738.82	1/4	2,397.57	1/4	2,056.03	1/4	1,714.48	1/4	1,372.94	1/4	1,031.52	1/4	690.35	1/4	348.82	1/4	19.93	1/4	
1/2	2,731.73	1/2	2,390.46	1/2	2,048.91	1/2	1,707.37	1/2	1,365.82	1/2	1,024.41	1/2	683.24	1/2	341.70	1/2	16.37	1/2	
3/4	2,724.63	3/4	2,383.34	3/4	2,041.80	3/4	1,700.25	3/4	1,358.71	3/4	1,017.31	3/4	676.12	3/4	334.59	3/4	12.82	3/4	
1	2,717.53	1	2,376.22	1	2,034.68	1	1,693.14	1	1,351.59	1	1,010.21	1	669.00	1	327.47	1	9.26	1	
1/4	2,710.43	1/4	2,369.11	1/4	2,027.56	1/4	1,686.02	1/4	1,344.48	1/4	1,003.11	1/4	661.89	1/4	320.36	1/4	7.48	1/4	
1/2	2,703.34	1/2	2,361.99	1/2	2,020.45	1/2	1,678.91	1/2	1,337.36	1/2	996.01	1/2	654.77	1/2	313.24	1/2	5.70	1/2	
3/4	2,696.24	3/4	2,354.88	3/4	2,013.33	3/4	1,671.79	3/4	1,330.25	3/4	988.91	3/4	647.66	3/4	306.12	3/4	3.92	3/4	
2	2,689.14	2	2,347.76	2	2,006.22	2	1,664.67	2	1,323.13	2	981.80	2	640.54	2	299.01	2	2.14	2	
1/4	2,682.05	1/4	2,340.65	1/4	1,999.10	1/4	1,657.56	1/4	1,316.01	1/4	974.70	1/4	633.43	1/4	291.89	1/4		1/4	
1/2	2,674.95	1/2	2,333.53	1/2	1,991.99	1/2	1,650.44	1/2	1,308.90	1/2	967.60	1/2	626.31	1/2	284.78	1/2		1/2	
3/4	2,667.85	3/4	2,326.42	3/4	1,984.87	3/4	1,643.33	3/4	1,301.78	3/4	960.50	3/4	619.20	3/4	277.66	3/4		3/4	
3	2,660.75	3	2,319.30	3	1,977.76	3	1,636.21	3	1,294.67	3	953.40	3	612.08	3	270.55	3		3	
1/4	2,653.66	1/4	2,312.18	1/4	1,970.64	1/4	1,629.10	1/4	1,287.55	1/4	946.30	1/4	604.97	1/4	263.43	1/4		1/4	
1/2	2,646.56	1/2	2,305.07	1/2	1,963.53	1/2	1,621.98	1/2	1,280.44	1/2	939.20	1/2	597.85	1/2	256.32	1/2		1/2	
3/4	2,639.46	3/4	2,297.95	3/4	1,956.41	3/4	1,614.87	3/4	1,273.32	3/4	932.09	3/4	590.74	3/4	249.20	3/4		3/4	
4	2,632.36	4	2,290.84	4	1,949.29	4	1,607.75	4	1,266.21	4	924.99	4	583.62	4	242.09	4		4	
1/4	2,625.26	1/4	2,283.72	1/4	1,942.18	1/4	1,600.63	1/4	1,259.09	1/4	917.89	1/4	576.51	1/4	234.97	1/4		1/4	
1/2	2,618.15	1/2	2,276.61	1/2	1,935.06	1/2	1,593.52	1/2	1,251.98	1/2	910.79	1/2	569.39	1/2	227.86	1/2		1/2	
3/4	2,611.04	3/4	2,269.49	3/4	1,927.95	3/4	1,586.40	3/4	1,244.86	3/4	903.69	3/4	562.28	3/4	220.74	3/4		3/4	
5	2,603.94	5	2,262.38	5	1,920.83	5	1,579.29	5	1,237.74	5	896.59	5	555.16	5	213.63	5		5	
1/4	2,596.82	1/4	2,255.26	1/4	1,913.72	1/4	1,572.17	1/4	1,230.63	1/4	889.49	1/4	548.04	1/4	206.51	1/4		1/4	
1/2	2,589.70	1/2	2,248.15	1/2	1,906.60	1/2	1,565.06	1/2	1,223.51	1/2	882.39	1/2	540.93	1/2	199.40	1/2		1/2	
3/4	2,582.59	3/4	2,241.03	3/4	1,899.49	3/4	1,557.94	3/4	1,216.40	3/4	875.28	3/4	533.81	3/4	192.28	3/4		3/4	
6	2,575.47	6	2,233.91	6	1,892.37	6	1,550.83	6	1,209.28	6	868.18	6	526.70	6	185.16	6		6	
1/4	2,568.36	1/4	2,226.80	1/4	1,885.25	1/4	1,543.71	1/4	1,202.17	1/4	861.08	1/4	519.58	1/4	178.05	1/4		1/4	
1/2	2,561.24	1/2	2,219.68	1/2	1,878.14	1/2	1,536.60	1/2	1,195.05	1/2	853.97	1/2	512.47	1/2	170.93	1/2		1/2	
3/4	2,554.12	3/4	2,212.57	3/4	1,871.02	3/4	1,529.48	3/4	1,187.94	3/4	846.87	3/4	505.35	3/4	163.82	3/4		3/4	
7	2,547.01	7	2,205.45	7	1,863.91	7	1,522.36	7	1,180.82	7	839.76	7	498.24	7	156.70	7		7	
1/4	2,539.89	1/4	2,198.34	1/4	1,856.79	1/4	1,515.25	1/4	1,173.70	1/4	832.65	1/4	491.12	1/4	149.59	1/4		1/4	
1/2	2,532.77	1/2	2,191.22	1/2	1,849.68	1/2	1,508.13	1/2	1,166.59	1/2	825.54	1/2	484.01	1/2	142.47	1/2		1/2	
3/4	2,525.66	3/4	2,184.11	3/4	1,842.56	3/4	1,501.02	3/4	1,159.47	3/4	818.42	3/4	476.89	3/4	135.36	3/4		3/4	
8	2,518.54	8	2,176.99	8	1,835.45	8	1,493.90	8	1,152.36	8	811.31	8	469.78	8	128.24	8		8	
1/4	2,511.42	1/4	2,169.87	1/4	1,828.33	1/4	1,486.79	1/4	1,145.24	1/4	804.20	1/4	462.66	1/4	121.14	1/4		1/4	
1/2	2,504.31	1/2	2,162.76	1/2	1,821.22	1/2	1,479.67	1/2	1,138.13	1/2	797.08	1/2	455.55	1/2	114.03	1/2		1/2	
3/4	2,497.19	3/4	2,155.64	3/4	1,814.10	3/4	1,472.56	3/4	1,131.01	3/4	789.96	3/4	448.43	3/4	106.92	3/4		3/4	
9	2,490.07	9	2,148.53	9	1,806.98	9	1,465.44	9	1,123.90	9	782.85	9	441.32	9	99.81	9		9	
1/4	2,482.96	1/4	2,141.41	1/4	1,799.87	1/4	1,458.32	1/4	1,116.78	1/4	775.73	1/4	434.20	1/4	92.72	1/4		1/4	
1/2	2,475.84	1/2	2,134.30	1/2	1,792.75	1/2	1,451.21	1/2	1,109.67	1/2	768.62	1/2	427.08	1/2	85.62	1/2		1/2	
3/4	2,468.73	3/4	2,127.18	3/4	1,785.64	3/4	1,444.09	3/4	1,102.56	3/4	761.50	3/4	419.97	3/4	78.53	3/4		3/4	
10	2,461.61	10	2,120.07	10	1,778.52	10	1,436.98	10	1,095.45	10	754.39	10	412.85	10	71.44	10		10	
1/4	2,454.49	1/4	2,112.95	1/4	1,771.41	1/4	1,429.86	1/4	1,088.34	1/4	747.27	1/4	405.74	1/4	64.79	1/4		1/4	
1/2	2,447.38	1/2	2,105.84	1/2	1,764.29	1/2	1,422.75	1/2	1,081.23	1/2	740.16	1/2	398.62	1/2	58.14	1/2		1/2	
3/4	2,440.26	3/4	2,098.72	3/4	1,757.18	3/4	1,415.63	3/4	1,074.13	3/4	733.04	3/4	391.51	3/4	51.48	3/4		3/4	
11	2,433.15	11	2,091.60	11	1,750.06	11	1,408.52	11	1,067.02	11	725.93	11	384.39	11	44.83	11		11	
1/4	2,426.03	1/4	2,084.49	1/4	1,742.94	1/4	1,401.40	1/4	1,059.92	1/4	718.81	1/4	377.28	1/4	39.50	1/4		1/4	
1/2	2,418.92	1/2	2,077.37	1/2	1,735.83	1/2	1,394.29	1/2	1,052.82	1/2	711.70	1/2	370.16	1/2	34.16	1/2		1/2	
3/4	2,411.80	3/4	2,070.26	3/4	1,728.71	3/4	1,387.17	3/4	1,045.72	3/4	704.58	3/4	363.05	3/4	28.82	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 08/15/2019 CL  
CALCULATED: 08/16/2019 CL  
PRINTED: 08/16/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 08/2019

PRECISION MEASUREMENT  
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