



BARGE "ATC 3482"

ULLAGE (8" HATCH)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
1 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-3/8	00-3/8
2 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
2 STBD	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2
3 PORT	00-7/8	- 00-7/8	01-3/4	- 01-3/4	02-5/8	- 02-5/8	03-1/2	- 03-1/2	04-3/8	- 04-3/8	05-1/4	- 05-1/4
3 STBD	00-7/8	- 00-7/8	01-3/4	- 01-3/4	02-5/8	- 02-5/8	03-1/2	- 03-1/2	04-3/8	- 04-3/8	05-1/4	- 05-1/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

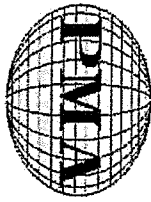
THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 PORT IS - 01-3/4"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED ULLAGE IS 3'-10 1/4"

LENGTH BETWEEN DRAFT MARKS: 237'-06"

October 11, 2018

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "ATC 3482"

ULLAGE (HERMETIC)

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
1 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 PORT	00-3/4	- 00-3/4	01-5/8	- 01-5/8	02-3/8	- 02-3/8	03-1/4	- 03-1/4	04-0/8	- 04-0/8	04-7/8	- 04-7/8
3 STBD	00-3/4	- 00-3/4	01-5/8	- 01-5/8	02-3/8	- 02-3/8	03-1/4	- 03-1/4	04-0/8	- 04-0/8	04-7/8	- 04-7/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 PORT IS - 01-5/8"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 PORT, THE TRIM CORRECTED ULLAGE IS 3'-10 3/8"

LENGTH BETWEEN DRAFT MARKS: 237'-06"

October 11, 2018

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CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

	IN	0 FTL	IN	1 FTL	IN	2 FTL	IN	3 FTL	IN	4 FTL	IN	5 FTL	IN	6 FTL	IN	7 FTL	IN	8 FTL	IN	9 FTL
IN	0	4,985.94	0	4,641.18	0	4,284.32	0	3,926.70	0	3,568.79	0	3,210.88	0	2,852.97	0	2,495.05	0	2,137.14	0	1,783.65
1A	1A	4,985.52	1A	4,633.75	1A	4,276.88	1A	3,919.25	1A	3,561.33	1A	3,203.42	1A	2,845.51	1A	2,487.60	1A	2,129.68	1A	1,779.85
12	12	4,975.10	12	4,626.31	12	4,269.45	12	3,911.79	12	3,553.88	12	3,195.96	12	2,838.05	12	2,480.14	12	2,122.23	12	1,774.94
2A	2A	4,969.67	2A	4,618.88	2A	4,262.01	2A	3,904.33	2A	3,546.42	2A	3,188.51	2A	2,830.33	2A	2,472.68	2A	2,114.77	2A	1,769.07
1	1	4,964.25	1	4,614.44	1	4,254.58	1	3,896.88	1	3,538.96	1	3,181.05	1	2,823.14	1	2,465.23	1	2,107.32	1	1,764.19
1A	1A	4,957.65	1A	4,604.01	1A	4,247.14	1A	3,889.42	1A	3,531.51	1A	3,173.60	1A	2,815.68	1A	2,457.71	1A	2,099.86	1A	1,759.32
12	12	4,951.06	12	4,596.57	12	4,239.77	12	3,881.96	12	3,526.59	12	3,166.14	12	2,808.23	12	2,450.31	12	2,094.31	12	1,754.43
2A	2A	4,944.46	2A	4,589.14	2A	4,232.27	2A	3,874.51	2A	3,516.55	2A	3,158.68	2A	2,800.77	2A	2,442.86	2A	2,084.95	2A	1,749.54
1A	1A	4,937.86	1A	4,581.71	1A	4,224.84	1A	3,867.05	1A	3,509.14	1A	3,151.23	1A	2,793.31	1A	2,435.40	1A	2,077.49	1A	1,744.65
12	12	4,930.59	12	4,574.27	12	4,217.40	12	3,859.59	12	3,501.68	12	3,143.77	12	2,785.86	12	2,427.95	12	2,070.49	12	1,739.76
2A	2A	4,923.31	2A	4,566.84	2A	4,209.97	2A	3,852.12	2A	3,494.22	2A	3,136.31	2A	2,778.40	2A	2,420.49	2A	2,062.58	2A	1,734.87
1A	1A	4,916.04	1A	4,559.40	1A	4,202.54	1A	3,844.68	1A	3,486.77	1A	3,128.86	1A	2,770.94	1A	2,413.03	1A	2,055.12	1A	1,729.98
3	3	4,908.76	3	4,551.97	3	4,195.10	3	3,837.22	3	3,479.31	3	3,121.40	3	2,763.49	3	2,405.58	3	2,047.67	3	1,725.09
1A	1A	4,901.34	1A	4,545.53	1A	4,187.65	1A	3,829.77	1A	3,471.86	1A	3,113.94	1A	2,756.03	1A	2,398.12	1A	2,040.21	1A	1,720.20
12	12	4,893.92	12	4,537.10	12	4,180.21	12	3,822.31	12	3,464.40	12	3,106.49	12	2,748.57	12	2,390.66	12	2,032.75	12	1,715.31
2A	2A	4,886.51	2A	4,529.66	2A	4,172.76	2A	3,814.85	2A	3,456.94	2A	3,099.03	2A	2,741.12	2A	2,383.21	2A	2,025.30	2A	1,710.42
4	4	4,879.09	4	4,522.23	4	4,165.31	4	3,807.47	4	3,449.49	4	3,091.57	4	2,733.66	4	2,375.75	4	2,017.84	4	1,705.53
1A	1A	4,871.66	1A	4,514.79	1A	4,157.85	1A	3,799.94	1A	3,442.03	1A	3,084.12	1A	2,726.21	1A	2,368.29	1A	2,010.38	1A	1,700.64
12	12	4,864.22	12	4,507.36	12	4,150.40	12	3,792.48	12	3,434.57	12	3,076.66	12	2,718.75	12	2,360.84	12	2,002.93	12	1,695.65
3A	3A	4,856.99	3A	4,499.92	3A	4,142.94	3A	3,785.03	3A	3,427.12	3A	3,069.20	3A	2,711.95	3A	2,353.38	3A	2,000.00	3A	1,690.00
5	5	4,849.36	5	4,482.49	5	4,135.48	5	3,777.57	5	3,419.66	5	3,061.75	5	2,703.84	5	2,345.92	5	1,998.02	5	1,685.02
1A	1A	4,841.92	1A	4,465.05	1A	4,128.03	1A	3,770.12	1A	3,412.20	1A	3,054.29	1A	2,696.38	1A	2,338.47	1A	1,990.56	1A	1,680.56
12	12	4,834.49	12	4,477.62	12	4,120.57	12	3,762.60	12	3,404.75	12	3,046.83	12	2,688.92	12	2,331.01	12	1,983.01	12	1,673.01
3A	3A	4,827.05	3A	4,470.18	3A	4,113.11	3A	3,755.20	3A	3,397.29	3A	3,039.38	3A	2,681.47	3A	2,323.55	3A	1,975.65	3A	1,665.65
6	6	4,819.62	6	4,462.75	6	4,105.66	6	3,747.75	6	3,389.83	6	3,031.92	6	2,674.01	6	2,316.10	6	1,968.19	6	1,658.19
1A	1A	4,812.18	1A	4,455.32	1A	4,098.20	1A	3,740.29	1A	3,382.38	1A	3,024.47	1A	2,666.55	1A	2,308.64	1A	1,960.73	1A	1,650.73
12	12	4,804.75	12	4,447.88	12	4,090.74	12	3,732.83	12	3,374.92	12	3,017.01	12	2,658.10	12	2,301.18	12	1,953.28	12	1,643.28
3A	3A	4,797.31	3A	4,440.45	3A	4,083.29	3A	3,725.38	3A	3,367.46	3A	3,009.55	3A	2,650.73	3A	2,293.73	3A	1,945.82	3A	1,635.82
7	7	4,789.88	7	4,433.01	7	4,075.83	7	3,717.92	7	3,360.01	7	3,002.10	7	2,644.18	7	2,286.27	7	1,938.36	7	1,628.36
1A	1A	4,782.44	1A	4,425.58	1A	4,068.38	1A	3,710.46	1A	3,352.55	1A	2,994.64	1A	2,636.73	1A	2,278.82	1A	1,930.91	1A	1,620.91
12	12	4,775.01	12	4,418.14	12	4,060.92	12	3,703.01	12	3,345.09	12	2,987.18	12	2,629.27	12	2,271.36	12	1,923.45	12	1,613.45
3A	3A	4,767.57	3A	4,410.71	3A	4,053.46	3A	3,695.55	3A	3,337.64	3A	2,979.73	3A	2,621.81	3A	2,263.90	3A	1,915.99	3A	1,605.99
8	8	4,760.14	8	4,403.27	8	4,046.01	8	3,688.09	8	3,330.18	8	2,972.27	8	2,614.36	8	2,256.45	8	1,898.54	8	1,598.54
1A	1A	4,752.70	1A	4,395.84	1A	4,038.55	1A	3,680.64	1A	3,322.73	1A	2,964.81	1A	2,606.90	1A	2,248.99	1A	1,891.08	1A	1,591.08
12	12	4,745.27	12	4,388.40	12	4,031.09	12	3,673.18	12	3,315.27	12	2,957.36	12	2,599.44	12	2,241.53	12	1,883.63	12	1,583.63
3A	3A	4,737.83	3A	4,380.97	3A	4,023.64	3A	3,665.72	3A	3,307.81	3A	2,949.90	3A	2,591.99	3A	2,234.08	3A	1,876.17	3A	1,576.17
9	9	4,730.40	9	4,373.53	9	4,016.18	9	3,658.27	9	3,300.36	9	2,942.44	9	2,584.53	9	2,226.62	9	1,868.71	9	1,568.71
1A	1A	4,722.98	1A	4,366.10	1A	4,008.72	1A	3,650.81	1A	3,292.90	1A	2,934.99	1A	2,577.08	1A	2,219.16	1A	1,861.26	1A	1,561.26
12	12	4,715.53	12	4,358.66	12	4,001.27	12	3,643.35	12	3,285.44	12	2,927.53	12	2,569.62	12	2,211.71	12	1,853.80	12	1,553.80
3A	3A	4,708.10	3A	4,351.23	3A	3,993.81	3A	3,635.90	3A	3,277.99	3A	2,920.07	3A	2,562.16	3A	2,204.25	3A	1,846.34	3A	1,546.34
10	10	4,700.66	10	4,343.79	10	3,986.35	10	3,628.44	10	3,270.53	10	2,912.62	10	2,554.71	10	2,196.79	10	1,838.89	10	1,538.89
1A	1A	4,693.23	1A	4,336.36	1A	3,978.90	1A	3,620.99	1A	3,263.07	1A	2,905.16	1A	2,547.25	1A	2,189.34	1A	1,831.43	1A	1,531.43
12	12	4,685.79	12	4,328.93	12	3,971.44	12	3,613.53	12	3,255.62	12	2,897.70	12	2,539.79	12	2,181.88	12	1,823.97	12	1,523.97
3A	3A	4,678.36	3A	4,321.49	3A	3,963.98	3A	3,606.07	3A	3,248.16	3A	2,890.25	3A	2,532.34	3A	2,174.43	3A	1,816.52	3A	1,516.52
11	11	4,670.92	11	4,314.06	11	3,956.53	11	3,598.62	11	3,240.70	11	2,882.79	11	2,524.88	11	2,166.97	11	1,809.06	11	1,509.06
1A	1A	4,663.49	1A	4,306.62	1A	3,949.07	1A	3,591.16	1A	3,232.25	1A	2,875.34	1A	2,517.42	1A	2,159.51	1A	1,801.61	1A	1,501.61
12	12	4,656.05	12	4,299.19	12	3,941.61	12	3,583.70	12	3,225.79	12	2,867.88	12	2,509.97	12	2,152.06	12	1,794.15	12	1,494.15
3A	3A	4,648.62	3A	4,291.75	3A	3,934.16	3A	3,576.25	3A	3,218.33	3A	2,860.42	3A	2,502.51	3A	2,144.60	3A	1,786.69	3A	1,486.69
3A	3A	4,990.30	3A	4,646.52	3A	4,291.75	3A	3,934.16	3A	3,576.25	3A	3,218.33	3A	2,860.42	3A	2,502.51	3A	2,144.60	3A	1,786.69

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

PRECISION MEASUREMENT

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT

& ANALYSIS, INC.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" DIAMETER HATCH OR 2" DIAMETER "HERMETIC" VALVE

P.O. Box 2092

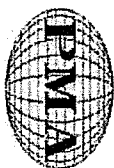
GAUGE POINT: (HERMETIC) LOCATED 13'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD

Pearland, Texas 77588

Gauge Point: (8" Hatch) Located 13'-00" off centerline and 41'-08" forward of aft bulkhead

<http://www.pmacorp.net>

John



BARGE "ATC 3482"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,779.24	0	1,421.43	0	1,063.52	0	708.06	0	367.71	0	42.33	0		0					
1/4	1,771.78	1/4	1,413.97	1/4	1,056.06	1/4	700.63	1/4	360.59	1/4	37.08	1/4		1/4				1/4	
1/2	1,764.33	1/2	1,406.52	1/2	1,048.61	1/2	693.21	1/2	353.47	1/2	31.83	1/2		1/2				1/2	
3/4	1,756.87	3/4	1,399.06	3/4	1,041.15	3/4	685.79	3/4	346.35	3/4	26.59	3/4		3/4				3/4	
1	1,749.42	1	1,391.61	1	1,033.70	1	678.37	1	339.24	1	21.34	1		1				1	
1/4	1,741.96	1/4	1,384.15	1/4	1,026.28	1/4	670.92	1/4	332.16	1/4	17.63	1/4		1/4				1/4	
1/2	1,734.51	1/2	1,376.69	1/2	1,018.86	1/2	663.47	1/2	325.09	1/2	13.91	1/2		1/2				1/2	
3/4	1,727.06	3/4	1,369.23	3/4	1,011.44	3/4	656.02	3/4	318.02	3/4	10.20	3/4		3/4				3/4	
2	1,719.60	2	1,361.78	2	1,004.03	2	648.57	2	310.94	2	6.48	2		2				2	
1/4	1,712.15	1/4	1,354.32	1/4	996.62	1/4	641.12	1/4	303.94	1/4		1/4		1/4				1/4	
1/2	1,704.70	1/2	1,346.86	1/2	989.22	1/2	633.66	1/2	296.94	1/2		1/2		1/2				1/2	
3/4	1,697.25	3/4	1,339.41	3/4	981.81	3/4	626.21	3/4	289.94	3/4		3/4		3/4				3/4	
3	1,689.80	3	1,331.95	3	974.41	3	618.75	3	272.94	3		3		3				3	
1/4	1,682.34	1/4	1,324.50	1/4	967.01	1/4	611.29	1/4	266.03	1/4		1/4		1/4				1/4	
1/2	1,674.89	1/2	1,317.04	1/2	959.61	1/2	603.84	1/2	259.11	1/2		1/2		1/2				1/2	
3/4	1,667.44	3/4	1,309.58	3/4	952.22	3/4	596.38	3/4	252.20	3/4		3/4		3/4				3/4	
4	1,659.99	4	1,302.13	4	944.82	4	588.93	4	245.28	4		4		4				4	
1/4	1,652.53	1/4	1,294.67	1/4	937.42	1/4	581.47	1/4	238.46	1/4		1/4		1/4				1/4	
1/2	1,645.08	1/2	1,287.21	1/2	930.02	1/2	574.01	1/2	231.63	1/2		1/2		1/2				1/2	
3/4	1,637.63	3/4	1,279.76	3/4	922.63	3/4	566.56	3/4	224.80	3/4		3/4		3/4				3/4	
5	1,630.18	5	1,272.30	5	915.23	5	559.10	5	217.98	5		5		5				5	
1/4	1,622.73	1/4	1,264.84	1/4	907.84	1/4	551.64	1/4	211.24	1/4		1/4		1/4				1/4	
1/2	1,615.27	1/2	1,257.39	1/2	900.44	1/2	544.19	1/2	204.50	1/2		1/2		1/2				1/2	
3/4	1,607.82	3/4	1,249.93	3/4	893.04	3/4	536.73	3/4	197.76	3/4		3/4		3/4				3/4	
6	1,600.37	6	1,242.47	6	885.65	6	529.28	6	191.02	6		6		6				6	
1/4	1,592.92	1/4	1,235.02	1/4	878.25	1/4	521.82	1/4	184.36	1/4		1/4		1/4				1/4	
1/2	1,585.46	1/2	1,227.56	1/2	870.85	1/2	514.36	1/2	177.71	1/2		1/2		1/2				1/2	
3/4	1,578.01	3/4	1,220.11	3/4	863.46	3/4	506.91	3/4	171.05	3/4		3/4		3/4				3/4	
7	1,570.55	7	1,212.65	7	856.06	7	499.45	7	164.40	7		7		7				7	
1/4	1,563.10	1/4	1,205.19	1/4	848.67	1/4	491.99	1/4	157.88	1/4		1/4		1/4				1/4	
1/2	1,555.64	1/2	1,197.74	1/2	841.27	1/2	484.54	1/2	151.36	1/2		1/2		1/2				1/2	
3/4	1,548.19	3/4	1,190.28	3/4	833.87	3/4	477.08	3/4	144.83	3/4		3/4		3/4				3/4	
8	1,540.73	8	1,182.82	8	826.48	8	469.63	8	138.31	8		8		8				8	
1/4	1,533.27	1/4	1,175.37	1/4	819.08	1/4	462.70	1/4	131.89	1/4		1/4		1/4				1/4	
1/2	1,525.82	1/2	1,167.91	1/2	811.68	1/2	455.77	1/2	125.47	1/2		1/2		1/2				1/2	
3/4	1,518.36	3/4	1,160.45	3/4	804.29	3/4	448.84	3/4	119.04	3/4		3/4		3/4				3/4	
9	1,510.91	9	1,153.00	9	796.89	9	441.91	9	112.62	9		9		9				9	
1/4	1,503.45	1/4	1,145.54	1/4	789.49	1/4	435.19	1/4	106.29	1/4		1/4		1/4				1/4	
1/2	1,495.99	1/2	1,138.09	1/2	782.10	1/2	428.47	1/2	99.95	1/2		1/2		1/2				1/2	
3/4	1,488.54	3/4	1,130.63	3/4	774.70	3/4	421.76	3/4	93.62	3/4		3/4		3/4				3/4	
10	1,481.08	10	1,123.17	10	767.31	10	415.04	10	87.29	10		10		10				10	
1/4	1,473.62	1/4	1,115.72	1/4	759.91	1/4	407.91	1/4	81.53	1/4		1/4		1/4				1/4	
1/2	1,466.17	1/2	1,108.26	1/2	752.51	1/2	400.78	1/2	75.78	1/2		1/2		1/2				1/2	
3/4	1,458.71	3/4	1,100.80	3/4	745.12	3/4	393.65	3/4	70.02	3/4		3/4		3/4				3/4	
11	1,451.25	11	1,093.35	11	737.72	11	386.52	11	64.27	11		11		11				11	
1/4	1,443.80	1/4	1,085.89	1/4	730.30	1/4	379.32	1/4	58.78	1/4		1/4		1/4				1/4	
1/2	1,436.34	1/2	1,078.43	1/2	722.89	1/2	372.11	1/2	53.30	1/2		1/2		1/2				1/2	
3/4	1,428.88	3/4	1,070.98	3/4	715.47	3/4	364.91	3/4	47.81	3/4		3/4		3/4				3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/10/2018 CL
CALCULATED: 10/11/2018 CL
PRINTED: 10/11/2018 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

Paul Pearson



BARGE "ATC 3482"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02"

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	4,983.04	0	4,636.60	0	4,282.05	0	3,924.73	0	3,567.14	0	3,209.55	0	2,851.96	0	2,494.37	0	2,136.78
1/4	1/4	1/4	4,977.62	1/4	4,631.17	1/4	4,274.62	1/4	3,917.28	1/4	3,559.69	1/4	3,202.10	1/4	2,844.51	1/4	2,486.92	1/4	2,129.33
1/2	1/2	1/2	4,972.21	1/2	4,626.74	1/2	4,269.19	1/2	3,909.83	1/2	3,552.24	1/2	3,194.65	1/2	2,837.06	1/2	2,479.47	1/2	2,121.88
3/4	3/4	3/4	4,966.79	3/4	4,621.31	3/4	4,263.76	3/4	3,902.38	3/4	3,544.79	3/4	3,187.20	3/4	2,829.61	3/4	2,472.02	3/4	2,114.43
1	1	1	4,961.37	1	4,616.88	1	4,258.33	1	3,897.93	1	3,537.34	1	3,179.75	1	2,822.16	1	2,464.57	1	2,106.98
1 1/4	1 1/4	1 1/4	4,954.78	1 1/4	4,610.46	1 1/4	4,253.78	1 1/4	3,892.48	1 1/4	3,532.89	1 1/4	3,172.30	1 1/4	2,814.71	1 1/4	2,457.12	1 1/4	2,099.53
1 1/2	1 1/2	1 1/2	4,948.19	1 1/2	4,599.03	1 1/2	4,237.48	1 1/2	3,880.03	1 1/2	3,522.44	1 1/2	3,164.85	1 1/2	2,807.26	1 1/2	2,449.67	1 1/2	2,092.98
2	2	2	4,941.60	2	4,592.60	2	4,230.62	2	3,872.58	2	3,514.99	2	3,157.40	2	2,799.81	2	2,442.22	2	2,084.53
2 1/4	2 1/4	2 1/4	4,935.01	2 1/4	4,579.17	2 1/4	4,222.02	2 1/4	3,865.13	2 1/4	3,507.54	2 1/4	3,149.95	2 1/4	2,792.36	2 1/4	2,434.77	2 1/4	2,077.18
2 1/2	2 1/2	2 1/2	4,927.74	2 1/2	4,571.74	2 1/2	4,215.19	2 1/2	3,857.68	2 1/2	3,500.09	2 1/2	3,142.50	2 1/2	2,784.91	2 1/2	2,427.32	2 1/2	2,069.73
3	3	3	4,920.47	3	4,564.32	3	4,207.77	3	3,850.23	3	3,492.64	3	3,135.05	3	2,777.46	3	2,419.87	3	2,062.28
3 1/4	3 1/4	3 1/4	4,913.20	3 1/4	4,556.09	3 1/4	4,200.34	3 1/4	3,842.78	3 1/4	3,485.19	3 1/4	3,127.60	3 1/4	2,769.01	3 1/4	2,412.42	3 1/4	2,054.83
3 1/2	3 1/2	3 1/2	4,905.93	3 1/2	4,549.46	3 1/2	4,192.91	3 1/2	3,835.33	3 1/2	3,477.74	3 1/2	3,119.15	3 1/2	2,761.56	3 1/2	2,404.97	3 1/2	2,047.38
4	4	4	4,898.52	4	4,542.03	4	4,185.46	4	3,827.89	4	3,470.29	4	3,112.70	4	2,755.11	4	2,397.52	4	2,039.93
4 1/4	4 1/4	4 1/4	4,891.11	4 1/4	4,534.60	4 1/4	4,178.02	4 1/4	3,820.44	4 1/4	3,462.84	4 1/4	3,105.25	4 1/4	2,747.66	4 1/4	2,390.07	4 1/4	2,032.48
4 1/2	4 1/2	4 1/2	4,883.70	4 1/2	4,527.17	4 1/2	4,170.57	4 1/2	3,812.99	4 1/2	3,455.40	4 1/2	3,097.80	4 1/2	2,740.21	4 1/2	2,382.62	4 1/2	2,025.04
5	5	5	4,876.29	5	4,519.75	5	4,163.13	5	3,805.54	5	3,447.95	5	3,090.35	5	2,732.76	5	2,375.17	5	2,017.59
5 1/4	5 1/4	5 1/4	4,868.86	5 1/4	4,512.32	5 1/4	4,155.68	5 1/4	3,798.09	5 1/4	3,440.50	5 1/4	3,082.91	5 1/4	2,725.31	5 1/4	2,367.72	5 1/4	2,010.14
5 1/2	5 1/2	5 1/2	4,861.43	5 1/2	4,504.89	5 1/2	4,148.23	5 1/2	3,790.64	5 1/2	3,433.05	5 1/2	3,075.46	5 1/2	2,717.86	5 1/2	2,360.27	5 1/2	2,002.69
6	6	6	4,854.01	6	4,497.46	6	4,140.78	6	3,783.19	6	3,425.60	6	3,068.01	6	2,710.42	6	2,352.82	6	1,995.24
6 1/4	6 1/4	6 1/4	4,846.58	6 1/4	4,490.03	6 1/4	4,133.33	6 1/4	3,775.74	6 1/4	3,418.15	6 1/4	3,060.56	6 1/4	2,702.97	6 1/4	2,345.37	6 1/4	1,987.79
6 1/2	6 1/2	6 1/2	4,839.15	6 1/2	4,482.61	6 1/2	4,125.88	6 1/2	3,768.29	6 1/2	3,410.70	6 1/2	3,053.11	6 1/2	2,695.52	6 1/2	2,337.33	6 1/2	1,980.34
7	7	7	4,831.73	7	4,475.18	7	4,118.43	7	3,760.84	7	3,403.25	7	3,045.66	7	2,688.07	7	2,330.48	7	1,972.89
7 1/4	7 1/4	7 1/4	4,824.30	7 1/4	4,467.75	7 1/4	4,110.98	7 1/4	3,753.39	7 1/4	3,395.80	7 1/4	3,038.21	7 1/4	2,680.62	7 1/4	2,323.03	7 1/4	1,965.44
7 1/2	7 1/2	7 1/2	4,816.87	7 1/2	4,460.32	7 1/2	4,103.53	7 1/2	3,745.94	7 1/2	3,388.35	7 1/2	3,030.76	7 1/2	2,673.17	7 1/2	2,315.38	7 1/2	1,957.99
8	8	8	4,809.44	8	4,452.89	8	4,096.08	8	3,738.49	8	3,380.90	8	3,023.31	8	2,665.72	8	2,308.13	8	1,950.54
8 1/4	8 1/4	8 1/4	4,802.01	8 1/4	4,445.47	8 1/4	4,088.63	8 1/4	3,731.04	8 1/4	3,373.45	8 1/4	3,016.86	8 1/4	2,658.27	8 1/4	2,300.68	8 1/4	1,943.09
8 1/2	8 1/2	8 1/2	4,794.59	8 1/2	4,438.04	8 1/2	4,081.18	8 1/2	3,723.09	8 1/2	3,366.00	8 1/2	3,009.41	8 1/2	2,650.82	8 1/2	2,293.23	8 1/2	1,935.64
9	9	9	4,787.16	9	4,430.61	9	4,073.73	9	3,716.14	9	3,358.55	9	3,001.96	9	2,643.37	9	2,285.78	9	1,928.19
9 1/4	9 1/4	9 1/4	4,779.73	9 1/4	4,423.18	9 1/4	4,066.28	9 1/4	3,708.69	9 1/4	3,351.10	9 1/4	2,993.51	9 1/4	2,635.92	9 1/4	2,278.33	9 1/4	1,920.74
9 1/2	9 1/2	9 1/2	4,772.30	9 1/2	4,415.75	9 1/2	4,058.83	9 1/2	3,701.24	9 1/2	3,343.65	9 1/2	2,986.06	9 1/2	2,628.47	9 1/2	2,270.88	9 1/2	1,913.29
10	10	10	4,764.87	10	4,408.33	10	4,051.38	10	3,693.79	10	3,336.20	10	2,978.61	10	2,621.02	10	2,263.43	10	1,905.84
10 1/4	10 1/4	10 1/4	4,757.45	10 1/4	4,400.90	10 1/4	4,043.93	10 1/4	3,686.34	10 1/4	3,328.75	10 1/4	2,971.16	10 1/4	2,613.57	10 1/4	2,255.98	10 1/4	1,898.39
10 1/2	10 1/2	10 1/2	4,750.02	10 1/2	4,393.47	10 1/2	4,036.48	10 1/2	3,678.89	10 1/2	3,321.30	10 1/2	2,963.71	10 1/2	2,606.12	10 1/2	2,248.53	10 1/2	1,890.94
11	11	11	4,742.59	11	4,386.04	11	4,029.03	11	3,671.44	11	3,313.85	11	2,956.26	11	2,598.67	11	2,241.08	11	1,883.49
11 1/4	11 1/4	11 1/4	4,735.16	11 1/4	4,378.61	11 1/4	4,021.58	11 1/4	3,663.99	11 1/4	3,306.40	11 1/4	2,948.81	11 1/4	2,591.22	11 1/4	2,233.63	11 1/4	1,876.04
11 1/2	11 1/2	11 1/2	4,727.73	11 1/2	4,371.18	11 1/2	4,014.13	11 1/2	3,656.54	11 1/2	3,298.95	11 1/2	2,941.36	11 1/2	2,583.77	11 1/2	2,226.18	11 1/2	1,868.59
12	12	12	4,720.31	12	4,363.76	12	4,006.68	12	3,649.09	12	3,291.50	12	2,933.91	12	2,576.32	12	2,218.73	12	1,861.14
12 1/4	12 1/4	12 1/4	4,712.88	12 1/4	4,356.33	12 1/4	3,999.23	12 1/4	3,641.64	12 1/4	3,284.05	12 1/4	2,926.46	12 1/4	2,568.87	12 1/4	2,211.28	12 1/4	1,853.69
12 1/2	12 1/2	12 1/2	4,705.45	12 1/2	4,348.90	12 1/2	3,991.78	12 1/2	3,634.19	12 1/2	3,276.60	12 1/2	2,918.01	12 1/2	2,561.42	12 1/2	2,203.83	12 1/2	1,846.24
13	13	13	4,698.02	13	4,341.47	13	3,984.33	13	3,626.74	13	3,269.15	13	2,911.56	13	2,553.97	13	2,196.38	13	1,838.79
13 1/4	13 1/4	13 1/4	4,690.59	13 1/4	4,334.04	13 1/4	3,976.88	13 1/4	3,619.29	13 1/4	3,261.70	13 1/4	2,904.11	13 1/4	2,546.52	13 1/4	2,188.93	13 1/4	1,831.34
13 1/2	13 1/2	13 1/2	4,683.16	13 1/2	4,326.62	13 1/2	3,969.43	13 1/2	3,611.84	13 1/2	3,254.25	13 1/2	2,896.66	13 1/2	2,539.07	13 1/2	2,181.48	13 1/2	1,823.89
14	14	14	4,675.74	14	4,319.19	14	3,961.98	14	3,604.39	14	3,246.80	14	2,888.21	14	2,531.62	14	2,174.03	14	1,816.44
14 1/4	14 1/4	14 1/4	4,668.31	14 1/4	4,311.76	14 1/4	3,954.53	14 1/4	3,596.94	14 1/4	3,239.35	14 1/4	2,881.76	14 1/4	2,524.17	14 1/4	2,166.58	14 1/4	1,808.99
14 1/2	14 1/2	14 1/2	4,660.88	14 1/2	4,304.33	14 1/2	3,947.08	14 1/2	3,589.49	14 1/2	3,231.90	14 1/2	2,873.11	14 1/2	2,516.72	14 1/2	2,159.13	14 1/2	1,801.54
15	15	15	4,653.45	15	4,296.90	15	3,939.63	15	3,582.04	15	3,224.45	15	2,865.86	15	2,509.27	15	2,151.68	15	1,794.09
15 1/4	15 1/4	15 1/4	4,646.02	15 1/4	4,289.48	15 1/4	3,932.18	15 1/4	3,574.59	15 1/4	3,217.00	15 1/4	2,859.41	15 1/4	2,501.82	15 1/4	2,144.23	15 1/4	1,786.64

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 20322

Pearland, Texas 77588

http://www.pmaacorp.net

[Signature]

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" DIAMETER HATCH OR 2" DIAMETER "HERMETIC" VALVE
GAUGE POINT: (HERMETIC) LOCATED 13'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD
GAUGE POINT: (8" HATCH) LOCATED 13'-00" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD



BARGE "ATC 3482"

1 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,779.19	0	1,421.70	0	1,084.11	0	707.33	0	357.33	0	42.27	0		0		0			
1/4	1,771.74	1/4	1,414.25	1/4	1,086.66	1/4	700.08	1/4	350.22	1/4	37.03	1/4		1/4		1/4		1/4	
1/2	1,764.30	1/2	1,406.80	1/2	1,049.21	1/2	692.63	1/2	343.11	1/2	31.79	1/2		1/2		1/2		1/2	
3/4	1,756.85	3/4	1,399.35	3/4	1,041.76	3/4	685.18	3/4	336.00	3/4	26.54	3/4		3/4		3/4		3/4	
1	1,749.40	1	1,391.90	1	1,034.31	1	677.73	1	328.89	1	21.30	1		1		1		1	
1 1/4	1,741.95	1 1/4	1,384.45	1 1/4	1,026.88	1 1/4	670.28	1 1/4	321.82	1 1/4	17.59	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,734.51	1 1/2	1,377.00	1 1/2	1,019.44	1 1/2	662.83	1 1/2	314.75	1 1/2	13.88	1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,727.06	3/4	1,369.55	3/4	1,012.01	3/4	655.38	3/4	307.69	3/4	10.17	3/4		3/4		3/4		3/4	
2	1,719.61	2	1,362.10	2	1,004.57	2	647.93	2	300.62	2	6.46	2		2		2		2	
1 1/4	1,712.17	1 1/4	1,354.66	1 1/4	997.14	1 1/4	640.48	1 1/4	283.63	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,704.72	1 1/2	1,347.21	1 1/2	989.71	1 1/2	633.03	1 1/2	286.63	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,697.28	3/4	1,339.76	3/4	982.28	3/4	625.58	3/4	279.64	3/4		3/4		3/4		3/4		3/4	
3	1,689.83	3	1,332.31	3	974.85	3	618.13	3	272.64	3		3		3		3		3	
1 1/4	1,682.39	1 1/4	1,324.86	1 1/4	967.42	1 1/4	610.68	1 1/4	265.74	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,674.94	1 1/2	1,317.41	1 1/2	960.00	1 1/2	603.23	1 1/2	258.83	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,667.49	3/4	1,309.96	3/4	952.57	3/4	595.78	3/4	251.92	3/4		3/4		3/4		3/4		3/4	
4	1,660.05	4	1,302.51	4	945.15	4	588.33	4	245.01	4		4		4		4		4	
1 1/4	1,652.60	1 1/4	1,295.06	1 1/4	937.72	1 1/4	580.88	1 1/4	238.19	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,645.16	1 1/2	1,287.61	1 1/2	930.30	1 1/2	573.44	1 1/2	231.37	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,637.71	3/4	1,280.16	3/4	922.88	3/4	565.99	3/4	224.55	3/4		3/4		3/4		3/4		3/4	
5	1,630.27	5	1,272.71	5	915.45	5	558.54	5	217.73	5		5		5		5		5	
1 1/4	1,622.82	1 1/4	1,265.26	1 1/4	908.03	1 1/4	551.09	1 1/4	211.00	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,615.38	1 1/2	1,257.81	1 1/2	900.61	1 1/2	543.64	1 1/2	204.26	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,607.93	3/4	1,250.36	3/4	893.18	3/4	536.19	3/4	197.53	3/4		3/4		3/4		3/4		3/4	
6	1,600.48	6	1,242.91	6	885.76	6	528.74	6	190.80	6		6		6		6		6	
1 1/4	1,593.04	1 1/4	1,235.46	1 1/4	878.34	1 1/4	521.29	1 1/4	184.15	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,585.59	1 1/2	1,228.01	1 1/2	870.92	1 1/2	513.84	1 1/2	177.50	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,578.14	3/4	1,220.56	3/4	863.49	3/4	506.39	3/4	170.86	3/4		3/4		3/4		3/4		3/4	
7	1,570.70	7	1,213.11	7	856.07	7	498.94	7	164.21	7		7		7		7		7	
1 1/4	1,563.25	1 1/4	1,205.66	1 1/4	848.65	1 1/4	491.49	1 1/4	157.69	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,555.80	1 1/2	1,198.21	1 1/2	841.22	1 1/2	484.04	1 1/2	151.18	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,548.35	3/4	1,190.76	3/4	833.80	3/4	476.59	3/4	144.66	3/4		3/4		3/4		3/4		3/4	
8	1,540.90	8	1,183.31	8	826.38	8	469.14	8	138.14	8		8		8		8		8	
1 1/4	1,533.45	1 1/4	1,175.86	1 1/4	818.95	1 1/4	462.22	1 1/4	131.73	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,526.00	1 1/2	1,168.41	1 1/2	811.53	1 1/2	455.30	1 1/2	125.31	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,518.55	3/4	1,160.96	3/4	804.11	3/4	448.38	3/4	118.90	3/4		3/4		3/4		3/4		3/4	
9	1,511.10	9	1,153.51	9	796.68	9	441.46	9	112.48	9		9		9		9		9	
1 1/4	1,503.65	1 1/4	1,146.06	1 1/4	789.26	1 1/4	434.74	1 1/4	106.16	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,496.20	1 1/2	1,138.61	1 1/2	781.84	1 1/2	428.03	1 1/2	99.83	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,488.75	3/4	1,131.16	3/4	774.41	3/4	421.32	3/4	93.50	3/4		3/4		3/4		3/4		3/4	
10	1,481.30	10	1,123.71	10	766.99	10	414.60	10	87.17	10		10		10		10		10	
1 1/4	1,473.85	1 1/4	1,116.26	1 1/4	759.57	1 1/4	407.48	1 1/4	81.43	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,466.40	1 1/2	1,108.81	1 1/2	752.15	1 1/2	400.36	1 1/2	75.68	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,458.95	3/4	1,101.36	3/4	744.72	3/4	393.24	3/4	69.93	3/4		3/4		3/4		3/4		3/4	
11	1,451.50	11	1,093.91	11	737.30	11	386.12	11	64.18	11		11		11		11		11	
1 1/4	1,444.05	1 1/4	1,086.46	1 1/4	729.86	1 1/4	378.92	1 1/4	58.72	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,436.60	1 1/2	1,079.01	1 1/2	722.41	1 1/2	371.72	1 1/2	53.22	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2	
3/4	1,429.15	3/4	1,071.56	3/4	714.97	3/4	364.52	3/4	47.75	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/10/2018 CL
CALCULATED: 10/11/2018 CL
PRINTED: 10/11/2018 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.

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Pearland, Texas 77588
http://www.pmacorp.net



BARGE "ATC 3482"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02"

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	5,037.77	0	4,869.56	0	4,335.19	0	3,977.07	0	3,618.67	0	3,260.27	0	2,901.86	0	2,543.46	0	2,185.06	0
1/4	1/4	5,032.34	1/4	4,865.11	1/4	4,327.75	1/4	3,969.60	1/4	3,611.20	1/4	3,252.80	1/4	2,894.40	1/4	2,536.00	1/4	2,177.59	1/4
1/2	1/2	5,026.91	1/2	4,857.66	1/2	4,320.30	1/2	3,962.13	1/2	3,603.73	1/2	3,246.33	1/2	2,887.97	1/2	2,529.57	1/2	2,170.13	1/2
3/4	3/4	5,021.48	3/4	4,850.22	3/4	4,312.86	3/4	3,954.67	3/4	3,596.27	3/4	3,238.87	3/4	2,880.47	3/4	2,522.07	3/4	2,162.66	3/4
1	1	5,016.05	1	4,842.77	1	4,305.41	1	3,947.20	1	3,588.80	1	3,230.40	1	2,872.00	1	2,513.60	1	2,155.19	1
1 1/4	1 1/4	5,009.45	1 1/4	4,835.33	1 1/4	4,297.97	1 1/4	3,939.73	1 1/4	3,581.33	1 1/4	3,222.93	1 1/4	2,864.53	1 1/4	2,506.13	1 1/4	2,147.73	1 1/4
1 1/2	1 1/2	5,002.84	1 1/2	4,827.92	1 1/2	4,289.52	1 1/2	3,932.27	1 1/2	3,573.87	1 1/2	3,215.46	1 1/2	2,857.06	1 1/2	2,498.66	1 1/2	2,140.26	1 1/2
2	2	4,998.63	2	4,825.55	2	4,275.63	2	3,917.33	2	3,558.93	2	3,200.53	2	2,842.13	2	2,483.73	2	2,125.33	2
2 1/4	2 1/4	4,982.34	2 1/4	4,810.66	2 1/4	4,268.19	2 1/4	3,909.87	2 1/4	3,551.47	2 1/4	3,193.06	2 1/4	2,834.66	2 1/4	2,476.26	2 1/4	2,117.86	2 1/4
2 1/2	2 1/2	4,975.06	2 1/2	4,803.21	2 1/2	4,261.06	2 1/2	3,902.40	2 1/2	3,544.00	2 1/2	3,185.60	2 1/2	2,827.20	2 1/2	2,468.79	2 1/2	2,102.93	2 1/2
3 1/4	3 1/4	4,967.77	3 1/4	4,803.21	3 1/4	4,253.30	3 1/4	3,894.93	3 1/4	3,536.53	3 1/4	3,178.13	3 1/4	2,819.73	3 1/4	2,461.33	3 1/4	2,102.93	3 1/4
3	3	4,960.49	3	4,803.21	3	4,245.85	3	3,887.47	3	3,529.07	3	3,170.66	3	2,812.26	3	2,453.86	3	2,095.46	3
1 1/2	1 1/2	4,953.06	1 1/2	4,795.77	1 1/2	4,238.39	1 1/2	3,880.00	1 1/2	3,521.60	1 1/2	3,163.20	1 1/2	2,804.80	1 1/2	2,446.39	1 1/2	2,087.99	1 1/2
2 1/2	2 1/2	4,945.63	2 1/2	4,788.32	2 1/2	4,230.93	2 1/2	3,872.53	2 1/2	3,514.13	2 1/2	3,155.73	2 1/2	2,797.33	2 1/2	2,438.93	2 1/2	2,080.53	2 1/2
3 1/4	3 1/4	4,938.20	3 1/4	4,780.88	3 1/4	4,223.47	3 1/4	3,865.07	3 1/4	3,506.67	3 1/4	3,148.26	3 1/4	2,789.86	3 1/4	2,431.46	3 1/4	2,073.06	3 1/4
4	4	4,930.77	4	4,773.43	4	4,216.00	4	3,857.60	4	3,499.20	4	3,140.80	4	2,782.40	4	2,423.99	4	2,065.59	4
1 1/4	1 1/4	4,923.33	1 1/4	4,765.99	1 1/4	4,208.54	1 1/4	3,850.13	1 1/4	3,491.73	1 1/4	3,133.33	1 1/4	2,774.93	1 1/4	2,416.53	1 1/4	2,058.13	1 1/4
1 1/2	1 1/2	4,915.89	1 1/2	4,758.54	1 1/2	4,201.07	1 1/2	3,842.67	1 1/2	3,484.27	1 1/2	3,125.86	1 1/2	2,767.46	1 1/2	2,409.06	1 1/2	2,050.66	1 1/2
3 1/4	3 1/4	4,908.45	3 1/4	4,751.10	3 1/4	4,193.60	3 1/4	3,835.20	3 1/4	3,476.80	3 1/4	3,118.40	3 1/4	2,760.00	3 1/4	2,401.59	3 1/4	2,043.19	3 1/4
5	5	4,901.01	5	4,743.65	5	4,186.14	5	3,827.73	5	3,469.33	5	3,110.93	5	2,752.53	5	2,394.13	5	2,035.73	5
1 1/4	1 1/4	4,893.57	1 1/4	4,736.21	1 1/4	4,178.67	1 1/4	3,820.27	1 1/4	3,461.87	1 1/4	3,103.46	1 1/4	2,745.06	1 1/4	2,386.66	1 1/4	2,028.26	1 1/4
1 1/2	1 1/2	4,886.12	1 1/2	4,728.76	1 1/2	4,171.20	1 1/2	3,812.80	1 1/2	3,454.40	1 1/2	3,096.00	1 1/2	2,737.60	1 1/2	2,379.19	1 1/2	2,020.79	1 1/2
3 1/4	3 1/4	4,878.68	3 1/4	4,721.32	3 1/4	4,163.74	3 1/4	3,805.33	3 1/4	3,446.93	3 1/4	3,088.53	3 1/4	2,730.13	3 1/4	2,371.73	3 1/4	2,013.33	3 1/4
6	6	4,871.23	6	4,713.87	6	4,156.27	6	3,797.87	6	3,439.47	6	3,081.06	6	2,722.66	6	2,364.26	6	2,005.86	6
1 1/4	1 1/4	4,863.79	1 1/4	4,706.43	1 1/4	4,148.80	1 1/4	3,790.40	1 1/4	3,431.93	1 1/4	3,073.60	1 1/4	2,715.20	1 1/4	2,356.79	1 1/4	1,998.39	1 1/4
1 1/2	1 1/2	4,856.34	1 1/2	4,698.98	1 1/2	4,141.34	1 1/2	3,782.93	1 1/2	3,424.53	1 1/2	3,066.13	1 1/2	2,707.73	1 1/2	2,349.33	1 1/2	1,990.93	1 1/2
3 1/4	3 1/4	4,848.90	3 1/4	4,691.54	3 1/4	4,133.87	3 1/4	3,775.47	3 1/4	3,417.07	3 1/4	3,058.66	3 1/4	2,700.26	3 1/4	2,341.86	3 1/4	1,983.46	3 1/4
7	7	4,841.45	7	4,684.09	7	4,126.40	7	3,768.00	7	3,409.60	7	3,051.20	7	2,692.80	7	2,334.39	7	1,975.99	7
1 1/4	1 1/4	4,834.01	1 1/4	4,676.65	1 1/4	4,118.94	1 1/4	3,760.53	1 1/4	3,402.13	1 1/4	3,043.73	1 1/4	2,685.33	1 1/4	2,326.93	1 1/4	1,968.53	1 1/4
1 1/2	1 1/2	4,826.56	1 1/2	4,669.20	1 1/2	4,111.47	1 1/2	3,753.07	1 1/2	3,394.67	1 1/2	3,036.26	1 1/2	2,677.86	1 1/2	2,319.46	1 1/2	1,961.06	1 1/2
3 1/4	3 1/4	4,819.12	3 1/4	4,661.76	3 1/4	4,104.00	3 1/4	3,745.60	3 1/4	3,387.20	3 1/4	3,028.80	3 1/4	2,670.40	3 1/4	2,311.99	3 1/4	1,953.59	3 1/4
8	8	4,811.67	8	4,654.31	8	4,096.54	8	3,738.13	8	3,379.73	8	3,021.33	8	2,662.93	8	2,304.53	8	1,946.13	8
1 1/4	1 1/4	4,804.23	1 1/4	4,646.87	1 1/4	4,089.07	1 1/4	3,730.67	1 1/4	3,371.27	1 1/4	3,012.86	1 1/4	2,655.46	1 1/4	2,297.06	1 1/4	1,938.66	1 1/4
1 1/2	1 1/2	4,796.78	1 1/2	4,639.42	1 1/2	4,081.60	1 1/2	3,723.20	1 1/2	3,364.80	1 1/2	3,006.40	1 1/2	2,648.00	1 1/2	2,289.59	1 1/2	1,931.19	1 1/2
3 1/4	3 1/4	4,789.34	3 1/4	4,631.98	3 1/4	4,074.14	3 1/4	3,715.73	3 1/4	3,356.33	3 1/4	2,998.93	3 1/4	2,640.53	3 1/4	2,282.13	3 1/4	1,923.73	3 1/4
9	9	4,781.89	9	4,624.53	9	4,066.67	9	3,708.27	9	3,349.87	9	2,991.46	9	2,633.06	9	2,274.66	9	1,916.26	9
1 1/4	1 1/4	4,774.45	1 1/4	4,617.09	1 1/4	4,059.20	1 1/4	3,700.80	1 1/4	3,342.40	1 1/4	2,984.00	1 1/4	2,625.60	1 1/4	2,267.20	1 1/4	1,908.79	1 1/4
1 1/2	1 1/2	4,767.00	1 1/2	4,609.64	1 1/2	4,051.74	1 1/2	3,693.33	1 1/2	3,334.93	1 1/2	2,976.53	1 1/2	2,618.13	1 1/2	2,259.73	1 1/2	1,901.33	1 1/2
3 1/4	3 1/4	4,759.56	3 1/4	4,602.20	3 1/4	4,044.27	3 1/4	3,685.87	3 1/4	3,326.47	3 1/4	2,968.06	3 1/4	2,610.66	3 1/4	2,252.26	3 1/4	1,893.86	3 1/4
10	10	4,752.11	10	4,594.75	10	4,036.80	10	3,678.40	10	3,320.00	10	2,961.60	10	2,603.20	10	2,244.80	10	1,886.39	10
1 1/4	1 1/4	4,744.67	1 1/4	4,587.31	1 1/4	4,029.34	1 1/4	3,670.93	1 1/4	3,312.53	1 1/4	2,954.13	1 1/4	2,595.73	1 1/4	2,237.33	1 1/4	1,878.93	1 1/4
1 1/2	1 1/2	4,737.22	1 1/2	4,579.86	1 1/2	4,021.87	1 1/2	3,663.47	1 1/2	3,305.07	1 1/2	2,946.66	1 1/2	2,588.26	1 1/2	2,229.86	1 1/2	1,871.46	1 1/2
3 1/4	3 1/4	4,729.78	3 1/4	4,572.42	3 1/4	4,014.40	3 1/4	3,656.00	3 1/4	3,297.60	3 1/4	2,938.20	3 1/4	2,580.80	3 1/4	2,222.39	3 1/4	1,863.99	3 1/4
11	11	4,722.33	11	4,564.97	11	4,006.94	11	3,648.53	11	3,290.13	11	2,931.73	11	2,573.33	11	2,214.93	11	1,856.53	11
1 1/4	1 1/4	4,714.89	1 1/4	4,557.53	1 1/4	4,000.47	1 1/4	3,641.07	1 1/4	3,282.67	1 1/4	2,924.26	1 1/4	2,565.86	1 1/4	2,207.46	1 1/4	1,849.06	1 1/4
2 1/4	2 1/4	4,707.44	2 1/4	4,550.08	2 1/4	3,992.00	2 1/4	3,633.60	2 1/4	3,275.20	2 1/4	2,916.80	2 1/4	2,558.40	2 1/4	2,199.99	2 1/4	1,841.59	2 1/4
3 1/4	3 1/4	4,700.00	3 1/4	4,542.64	3 1/4	3,984.53	3 1/4	3,626.13	3 1/4	3,267.73	3 1/4	2,908.33	3 1/4	2,550.93	3 1/4	2,192.53	3 1/4	1,834.13	3 1/4

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 AT GAUGE POINT
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" DIAMETER HATCH OR 2" DIAMETER "HERMETIC" VALVE
GAUGE POINT: (HERMETIC) LOCATED 13'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD
GAUGE POINT: (8" HATCH) LOCATED 13'-00" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pasadena, Texas 77558

http://www.pmacorp.net



BARGE "ATC 3482"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,826.66	0	1,472.04	0	1,113.64	0	770.39	0	419.68	0	67.31	0		0		0		0	
1/4	1,819.25	1/4	1,464.57	1/4	1,106.17	1/4	763.25	1/4	412.27	1/4	60.73	1/4		1/4		1/4		1/4	
1/2	1,811.84	1/2	1,457.11	1/2	1,098.71	1/2	756.12	1/2	404.86	1/2	54.15	1/2		1/2		1/2		1/2	
3/4	1,804.44	3/4	1,449.64	3/4	1,091.24	3/4	748.98	3/4	397.45	3/4	47.57	3/4		3/4		3/4		3/4	
1	1,797.03	1	1,442.17	1	1,083.77	1	741.84	1	390.04	1	40.99	1		1		1		1	
1/4	1,789.70	1/4	1,434.71	1/4	1,076.57	1/4	734.46	1/4	382.59	1/4	35.85	1/4		1/4		1/4		1/4	
1/2	1,782.37	1/2	1,427.24	1/2	1,069.36	1/2	727.07	1/2	375.13	1/2	30.72	1/2		1/2		1/2		1/2	
3/4	1,775.04	3/4	1,419.77	3/4	1,062.16	3/4	719.59	3/4	367.68	3/4	25.59	3/4		3/4		3/4		3/4	
2	1,767.72	2	1,412.31	2	1,054.95	2	712.30	2	360.23	2	20.45	2		2		2		2	
1/4	1,760.41	1/4	1,404.84	1/4	1,047.83	1/4	704.84	1/4	352.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,753.10	1/2	1,397.37	1/2	1,040.71	1/2	697.37	1/2	345.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,745.79	3/4	1,389.91	3/4	1,033.59	3/4	689.90	3/4	337.83	3/4		3/4		3/4		3/4		3/4	
3	1,738.48	3	1,382.44	3	1,026.47	3	682.44	3	330.36	3		3		3		3		3	
1/4	1,731.17	1/4	1,374.97	1/4	1,019.36	1/4	674.97	1/4	322.89	1/4		1/4		1/4		1/4		1/4	
1/2	1,723.86	1/2	1,367.51	1/2	1,012.25	1/2	667.50	1/2	315.42	1/2		1/2		1/2		1/2		1/2	
3/4	1,716.55	3/4	1,360.04	3/4	1,005.13	3/4	660.04	3/4	307.96	3/4		3/4		3/4		3/4		3/4	
4	1,709.24	4	1,352.57	4	998.02	4	652.57	4	300.49	4		4		4		4		4	
1/4	1,701.93	1/4	1,345.11	1/4	990.91	1/4	645.11	1/4	293.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,694.62	1/2	1,337.64	1/2	983.80	1/2	637.64	1/2	285.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,687.31	3/4	1,330.17	3/4	976.69	3/4	630.17	3/4	278.09	3/4		3/4		3/4		3/4		3/4	
5	1,680.00	5	1,322.71	5	969.58	5	622.71	5	270.62	5		5		5		5		5	
1/4	1,672.70	1/4	1,315.24	1/4	962.47	1/4	615.24	1/4	263.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,665.39	1/2	1,307.77	1/2	955.36	1/2	607.77	1/2	255.68	1/2		1/2		1/2		1/2		1/2	
3/4	1,658.08	3/4	1,300.31	3/4	948.24	3/4	600.31	3/4	248.22	3/4		3/4		3/4		3/4		3/4	
6	1,650.77	6	1,292.84	6	941.13	6	592.84	6	240.75	6		6		6		6		6	
1/4	1,643.40	1/4	1,285.37	1/4	934.02	1/4	585.37	1/4	233.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,636.03	1/2	1,277.91	1/2	926.91	1/2	577.91	1/2	225.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,628.66	3/4	1,270.44	3/4	919.80	3/4	570.44	3/4	218.35	3/4		3/4		3/4		3/4		3/4	
7	1,621.30	7	1,262.97	7	912.69	7	562.97	7	210.88	7		7		7		7		7	
1/4	1,613.85	1/4	1,255.51	1/4	905.58	1/4	555.51	1/4	203.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,606.40	1/2	1,248.04	1/2	898.47	1/2	548.04	1/2	196.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,598.96	3/4	1,240.57	3/4	891.36	3/4	540.56	3/4	188.61	3/4		3/4		3/4		3/4		3/4	
8	1,591.51	8	1,233.11	8	884.25	8	533.11	8	181.18	8		8		8		8		8	
1/4	1,584.04	1/4	1,225.64	1/4	877.13	1/4	526.17	1/4	173.77	1/4		1/4		1/4		1/4		1/4	
1/2	1,576.58	1/2	1,218.17	1/2	870.02	1/2	519.23	1/2	166.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,569.11	3/4	1,210.71	3/4	862.91	3/4	512.29	3/4	158.96	3/4		3/4		3/4		3/4		3/4	
9	1,561.64	9	1,203.24	9	855.80	9	505.36	9	151.55	9		9		9		9		9	
1/4	1,554.18	1/4	1,195.77	1/4	848.69	1/4	498.59	1/4	144.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,546.71	1/2	1,188.31	1/2	841.58	1/2	491.83	1/2	136.73	1/2		1/2		1/2		1/2		1/2	
3/4	1,539.24	3/4	1,180.84	3/4	834.47	3/4	485.07	3/4	128.32	3/4		3/4		3/4		3/4		3/4	
10	1,531.78	10	1,173.37	10	827.36	10	478.31	10	121.91	10		10		10		10		10	
1/4	1,524.31	1/4	1,165.91	1/4	820.25	1/4	471.06	1/4	115.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,516.84	1/2	1,158.44	1/2	813.14	1/2	463.81	1/2	108.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,509.37	3/4	1,150.97	3/4	806.02	3/4	456.56	3/4	101.16	3/4		3/4		3/4		3/4		3/4	
11	1,501.91	11	1,143.51	11	798.91	11	449.32	11	94.25	11		11		11		11		11	
1/4	1,494.44	1/4	1,136.04	1/4	791.78	1/4	441.91	1/4	87.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,486.97	1/2	1,128.57	1/2	784.65	1/2	434.50	1/2	80.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,479.51	3/4	1,121.11	3/4	777.52	3/4	427.09	3/4	74.05	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/10/2018 CL
CALCULATED: 10/11/2018 CL
PRINTED: 10/11/2018 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "ATC 3482"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	0	0	5,071.50	0	4,728.44	0	4,370.12	0	4,011.07	0	3,651.71	0	3,292.55	0	2,932.99	0	2,573.62	0	2,214.26
1/4	1/4	1/4	5,067.12	1/4	4,720.97	1/4	4,362.66	1/4	4,003.58	1/4	3,644.22	1/4	3,284.86	1/4	2,925.50	1/4	2,566.14	1/4	2,206.78
1/2	1/2	1/2	5,061.68	1/2	4,713.51	1/2	4,355.16	1/2	3,996.10	1/2	3,636.74	1/2	3,277.37	1/2	2,918.01	1/2	2,558.65	1/2	2,198.29
3/4	3/4	3/4	5,056.23	3/4	4,706.04	3/4	4,347.73	3/4	3,988.61	3/4	3,629.25	3/4	3,269.89	3/4	2,910.53	3/4	2,551.16	3/4	2,191.80
1	1	1	5,050.79	1	4,698.58	1	4,340.26	1	3,981.12	1	3,621.76	1	3,262.40	1	2,903.04	1	2,543.68	1	2,184.32
1 1/4	1 1/4	1 1/4	5,045.34	1 1/4	4,691.11	1 1/4	4,332.80	1 1/4	3,973.64	1 1/4	3,614.28	1 1/4	3,254.91	1 1/4	2,895.55	1 1/4	2,536.19	1 1/4	2,176.83
1 1/2	1 1/2	1 1/2	5,038.72	1 1/2	4,683.65	1 1/2	4,325.33	1 1/2	3,966.15	1 1/2	3,606.79	1 1/2	3,247.43	1 1/2	2,888.07	1 1/2	2,528.70	1 1/2	2,169.34
1 3/4	1 3/4	1 3/4	5,032.09	1 3/4	4,676.18	1 3/4	4,317.87	1 3/4	3,958.66	1 3/4	3,599.30	1 3/4	3,239.94	1 3/4	2,880.58	1 3/4	2,521.22	1 3/4	2,161.86
2	2	2	5,025.47	2	4,668.72	2	4,310.40	2	3,951.19	2	3,591.82	2	3,232.45	2	2,873.09	2	2,513.73	2	2,154.37
2 1/4	2 1/4	2 1/4	5,018.84	2 1/4	4,661.25	2 1/4	4,302.94	2 1/4	3,943.69	2 1/4	3,584.33	2 1/4	3,224.97	2 1/4	2,865.61	2 1/4	2,506.24	2 1/4	2,146.88
2 1/2	2 1/2	2 1/2	5,011.54	2 1/2	4,653.79	2 1/2	4,295.47	2 1/2	3,936.20	2 1/2	3,576.84	2 1/2	3,217.48	2 1/2	2,858.12	2 1/2	2,498.76	2 1/2	2,139.40
2 3/4	2 3/4	2 3/4	5,004.23	2 3/4	4,646.32	2 3/4	4,288.01	2 3/4	3,928.72	2 3/4	3,568.36	2 3/4	3,209.99	2 3/4	2,850.63	2 3/4	2,491.27	2 3/4	2,131.91
3	3	3	4,996.93	3	4,638.86	3	4,280.54	3	3,921.23	3	3,561.87	3	3,202.51	3	2,843.15	3	2,483.78	3	2,124.42
3 1/4	3 1/4	3 1/4	4,989.63	3 1/4	4,631.39	3 1/4	4,273.08	3 1/4	3,913.74	3 1/4	3,554.38	3 1/4	3,195.02	3 1/4	2,835.66	3 1/4	2,476.30	3 1/4	2,116.94
3 1/2	3 1/2	3 1/2	4,982.18	3 1/2	4,623.93	3 1/2	4,265.60	3 1/2	3,906.26	3 1/2	3,546.90	3 1/2	3,187.53	3 1/2	2,828.17	3 1/2	2,468.81	3 1/2	2,109.45
3 3/4	3 3/4	3 3/4	4,974.73	3 3/4	4,616.46	3 3/4	4,258.12	3 3/4	3,898.77	3 3/4	3,539.41	3 3/4	3,179.05	3 3/4	2,820.69	3 3/4	2,461.32	3 3/4	2,101.96
4	4	4	4,967.28	4	4,609.00	4	4,250.84	4	3,891.28	4	3,531.92	4	3,172.56	4	2,813.20	4	2,453.84	4	2,094.48
4 1/4	4 1/4	4 1/4	4,959.83	4 1/4	4,601.53	4 1/4	4,243.16	4 1/4	3,883.80	4 1/4	3,524.44	4 1/4	3,165.07	4 1/4	2,805.71	4 1/4	2,446.35	4 1/4	2,086.99
4 1/2	4 1/2	4 1/2	4,952.37	4 1/2	4,594.07	4 1/2	4,235.67	4 1/2	3,876.31	4 1/2	3,516.95	4 1/2	3,157.59	4 1/2	2,798.23	4 1/2	2,438.86	4 1/2	2,079.50
4 3/4	4 3/4	4 3/4	4,944.91	4 3/4	4,586.60	4 3/4	4,228.19	4 3/4	3,868.82	4 3/4	3,509.46	4 3/4	3,150.10	4 3/4	2,790.74	4 3/4	2,431.38	4 3/4	2,072.02
5	5	5	4,937.45	5	4,579.14	5	4,220.70	5	3,861.34	5	3,501.98	5	3,142.61	5	2,783.25	5	2,423.89	5	2,064.53
5 1/4	5 1/4	5 1/4	4,929.99	5 1/4	4,571.67	5 1/4	4,213.21	5 1/4	3,853.85	5 1/4	3,494.49	5 1/4	3,135.13	5 1/4	2,775.77	5 1/4	2,416.40	5 1/4	2,057.04
5 1/2	5 1/2	5 1/2	4,922.52	5 1/2	4,564.21	5 1/2	4,205.73	5 1/2	3,846.36	5 1/2	3,487.00	5 1/2	3,127.64	5 1/2	2,768.28	5 1/2	2,408.92	5 1/2	2,049.56
5 3/4	5 3/4	5 3/4	4,915.06	5 3/4	4,556.74	5 3/4	4,198.24	5 3/4	3,838.88	5 3/4	3,479.52	5 3/4	3,120.16	5 3/4	2,760.79	5 3/4	2,401.43	5 3/4	2,042.07
6	6	6	4,907.59	6	4,549.28	6	4,190.75	6	3,831.39	6	3,472.03	6	3,112.67	6	2,753.31	6	2,393.94	6	2,034.58
6 1/4	6 1/4	6 1/4	4,900.13	6 1/4	4,541.81	6 1/4	4,183.27	6 1/4	3,823.90	6 1/4	3,464.54	6 1/4	3,105.18	6 1/4	2,745.82	6 1/4	2,386.46	6 1/4	2,027.10
6 1/2	6 1/2	6 1/2	4,892.66	6 1/2	4,534.35	6 1/2	4,175.78	6 1/2	3,816.42	6 1/2	3,457.06	6 1/2	3,097.69	6 1/2	2,738.33	6 1/2	2,378.97	6 1/2	2,019.61
6 3/4	6 3/4	6 3/4	4,885.20	6 3/4	4,526.88	6 3/4	4,168.29	6 3/4	3,808.93	6 3/4	3,449.57	6 3/4	3,090.21	6 3/4	2,730.85	6 3/4	2,371.48	6 3/4	2,012.12
7	7	7	4,877.73	7	4,519.42	7	4,160.80	7	3,801.44	7	3,442.08	7	3,082.72	7	2,723.36	7	2,364.00	7	2,004.64
7 1/4	7 1/4	7 1/4	4,870.27	7 1/4	4,511.95	7 1/4	4,153.32	7 1/4	3,793.96	7 1/4	3,434.60	7 1/4	3,075.23	7 1/4	2,715.87	7 1/4	2,356.51	7 1/4	1,997.15
7 1/2	7 1/2	7 1/2	4,862.80	7 1/2	4,504.49	7 1/2	4,145.83	7 1/2	3,786.47	7 1/2	3,427.11	7 1/2	3,067.75	7 1/2	2,708.39	7 1/2	2,349.02	7 1/2	1,989.66
7 3/4	7 3/4	7 3/4	4,855.34	7 3/4	4,497.02	7 3/4	4,138.34	7 3/4	3,778.98	7 3/4	3,419.62	7 3/4	3,060.26	7 3/4	2,700.90	7 3/4	2,341.54	7 3/4	1,982.18
8	8	8	4,847.87	8	4,489.56	8	4,130.86	8	3,771.50	8	3,412.13	8	3,052.77	8	2,693.41	8	2,334.05	8	1,974.69
8 1/4	8 1/4	8 1/4	4,840.41	8 1/4	4,482.09	8 1/4	4,123.37	8 1/4	3,764.01	8 1/4	3,404.65	8 1/4	3,045.29	8 1/4	2,685.93	8 1/4	2,326.56	8 1/4	1,967.21
8 1/2	8 1/2	8 1/2	4,832.94	8 1/2	4,474.63	8 1/2	4,115.88	8 1/2	3,756.52	8 1/2	3,397.16	8 1/2	3,037.80	8 1/2	2,678.44	8 1/2	2,319.08	8 1/2	1,959.72
8 3/4	8 3/4	8 3/4	4,825.48	8 3/4	4,467.16	8 3/4	4,108.40	8 3/4	3,748.04	8 3/4	3,388.67	8 3/4	3,030.31	8 3/4	2,670.95	8 3/4	2,311.59	8 3/4	1,952.23
9	9	9	4,818.02	9	4,459.70	9	4,100.91	9	3,741.55	9	3,382.19	9	3,022.83	9	2,663.46	9	2,304.10	9	1,944.75
9 1/4	9 1/4	9 1/4	4,810.55	9 1/4	4,452.24	9 1/4	4,093.42	9 1/4	3,734.06	9 1/4	3,374.70	9 1/4	3,015.34	9 1/4	2,655.98	9 1/4	2,296.62	9 1/4	1,937.26
9 1/2	9 1/2	9 1/2	4,803.09	9 1/2	4,444.77	9 1/2	4,085.94	9 1/2	3,726.58	9 1/2	3,367.21	9 1/2	3,007.85	9 1/2	2,648.49	9 1/2	2,289.13	9 1/2	1,929.77
9 3/4	9 3/4	9 3/4	4,795.62	9 3/4	4,437.31	9 3/4	4,078.45	9 3/4	3,718.99	9 3/4	3,358.33	9 3/4	3,000.37	9 3/4	2,641.00	9 3/4	2,281.64	9 3/4	1,922.29
10	10	10	4,788.16	10	4,429.84	10	4,070.96	10	3,711.50	10	3,352.24	10	2,992.88	10	2,633.52	10	2,274.16	10	1,914.80
10 1/4	10 1/4	10 1/4	4,780.69	10 1/4	4,422.38	10 1/4	4,063.48	10 1/4	3,704.12	10 1/4	3,344.75	10 1/4	2,985.39	10 1/4	2,626.03	10 1/4	2,266.67	10 1/4	1,907.31
10 1/2	10 1/2	10 1/2	4,773.23	10 1/2	4,414.91	10 1/2	4,056.89	10 1/2	3,696.83	10 1/2	3,337.47	10 1/2	2,977.91	10 1/2	2,618.54	10 1/2	2,259.18	10 1/2	1,899.83
10 3/4	10 3/4	10 3/4	4,765.76	10 3/4	4,407.45	10 3/4	4,048.50	10 3/4	3,688.14	10 3/4	3,329.78	10 3/4	2,970.42	10 3/4	2,611.06	10 3/4	2,251.70	10 3/4	1,892.34
11	11	11	4,758.30	11	4,399.98	11	4,041.02	11	3,681.66	11	3,322.29	11	2,962.83	11	2,603.57	11	2,244.21	11	1,884.85
11 1/4	11 1/4	11 1/4	4,750.83	11 1/4	4,392.52	11 1/4	4,033.53	11 1/4	3,674.17	11 1/4	3,314.81	11 1/4	2,955.45	11 1/4	2,596.08	11 1/4	2,236.72	11 1/4	1,877.37
11 1/2	11 1/2	11 1/2	4,743.37	11 1/2	4,385.05	11 1/2	4,026.04	11 1/2	3,666.68	11 1/2	3,307.32	11 1/2	2,947.96	11 1/2	2,588.60	11 1/2	2,229.24	11 1/2	1,869.88
11 3/4	11 3/4	11 3/4	4,735.90	11 3/4	4,377.59	11 3/4	4,018.56	11 3/4	3,658.20	11 3/4	3,299.83	11 3/4	2,940.47	11 3/4	2,581.11	11 3/4	2,221.75	11 3/4	1,862.39

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" DIAMETER HATCH OR 2" DIAMETER "HERMETIC" VALVE
GAUGE POINT: (HERMETIC) LOCATED 13'-00" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD
GAUGE POINT: (8" HATCH) LOCATED 13'-00" OFF CENTERLINE AND 41'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2082

Portland, Texas 77688

http://www.primcorp.net



BARGE "ATC 3482"

2 STBD ULLAGE TABLE

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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	1,854.91	0	1,499.33	0	1,139.97	0	781.61	0	428.24	0	74.25	0		0		0		0	
1/4	1,847.42	1/4	1,491.84	1/4	1,132.48	1/4	774.13	1/4	420.81	1/4	67.49	1/4		1/4		1/4		1/4	
1/2	1,839.99	1/2	1,484.35	1/2	1,125.00	1/2	766.64	1/2	413.38	1/2	60.89	1/2		1/2		1/2		1/2	
3/4	1,832.56	3/4	1,476.87	3/4	1,117.51	3/4	759.16	3/4	405.96	3/4	54.29	3/4		3/4		3/4		3/4	
1	1,825.14	1	1,469.38	1	1,110.02	1	751.67	1	398.53	1	47.69	1		1		1		1	
1 1/4	1,817.71	1 1/4	1,461.89	1 1/4	1,102.54	1 1/4	744.18	1 1/4	391.10	1 1/4	41.10	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,810.36	1 1/2	1,454.41	1 1/2	1,095.07	1 1/2	736.70	1 1/2	383.62	1 1/2	35.95	1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	1,803.01	1 3/4	1,446.92	1 3/4	1,087.59	1 3/4	729.21	1 3/4	376.15	1 3/4	30.80	1 3/4		1 3/4		1 3/4		1 3/4	
2	1,795.66	2	1,439.43	2	1,080.12	2	721.73	2	368.68	2	25.65	2		2		2		2	
2 1/4	1,788.31	2 1/4	1,431.95	2 1/4	1,072.65	2 1/4	714.24	2 1/4	361.20	2 1/4	20.61	2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	1,780.99	2 1/2	1,424.46	2 1/2	1,065.18	2 1/2	706.75	2 1/2	353.72	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
2 3/4	1,773.66	2 3/4	1,416.98	2 3/4	1,057.71	2 3/4	699.27	2 3/4	346.23	2 3/4		2 3/4		2 3/4		2 3/4		2 3/4	
3	1,766.33	3	1,409.49	3	1,050.24	3	691.78	3	338.74	3		3		3		3		3	
3 1/4	1,759.00	3 1/4	1,402.00	3 1/4	1,042.78	3 1/4	684.29	3 1/4	331.26	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	1,751.67	3 1/2	1,394.52	3 1/2	1,035.31	3 1/2	676.81	3 1/2	323.77	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
3 3/4	1,744.34	3 3/4	1,387.03	3 3/4	1,027.85	3 3/4	669.32	3 3/4	316.28	3 3/4		3 3/4		3 3/4		3 3/4		3 3/4	
4	1,737.01	4	1,379.54	4	1,020.39	4	661.83	4	308.79	4		4		4		4		4	
4 1/4	1,729.68	4 1/4	1,372.06	4 1/4	1,012.93	4 1/4	654.35	4 1/4	301.31	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	1,722.35	4 1/2	1,364.57	4 1/2	1,005.47	4 1/2	646.86	4 1/2	293.82	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
4 3/4	1,715.02	4 3/4	1,357.08	4 3/4	998.01	4 3/4	639.37	4 3/4	286.33	4 3/4		4 3/4		4 3/4		4 3/4		4 3/4	
5	1,707.69	5	1,349.60	5	990.55	5	631.89	5	278.84	5		5		5		5		5	
5 1/4	1,700.37	5 1/4	1,342.11	5 1/4	983.09	5 1/4	624.40	5 1/4	271.36	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	1,693.04	5 1/2	1,334.62	5 1/2	975.63	5 1/2	616.92	5 1/2	263.87	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
5 3/4	1,685.71	5 3/4	1,327.14	5 3/4	968.17	5 3/4	609.43	5 3/4	256.38	5 3/4		5 3/4		5 3/4		5 3/4		5 3/4	
6	1,678.38	6	1,319.65	6	960.71	6	601.94	6	248.90	6		6		6		6		6	
6 1/4	1,671.05	6 1/4	1,312.16	6 1/4	953.25	6 1/4	594.46	6 1/4	241.41	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	1,663.66	6 1/2	1,304.68	6 1/2	945.79	6 1/2	586.97	6 1/2	233.92	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
6 3/4	1,656.27	6 3/4	1,297.19	6 3/4	938.33	6 3/4	579.48	6 3/4	226.43	6 3/4		6 3/4		6 3/4		6 3/4		6 3/4	
7	1,648.88	7	1,289.70	7	930.87	7	572.00	7	218.95	7		7		7		7		7	
7 1/4	1,641.50	7 1/4	1,282.22	7 1/4	923.41	7 1/4	564.51	7 1/4	211.46	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	1,634.03	7 1/2	1,274.73	7 1/2	915.95	7 1/2	557.02	7 1/2	204.01	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
7 3/4	1,626.56	7 3/4	1,267.24	7 3/4	908.49	7 3/4	549.54	7 3/4	196.57	7 3/4		7 3/4		7 3/4		7 3/4		7 3/4	
8	1,619.09	8	1,259.76	8	901.03	8	542.05	8	189.13	8		8		8		8		8	
8 1/4	1,611.63	8 1/4	1,252.27	8 1/4	893.57	8 1/4	534.57	8 1/4	181.68	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	1,604.14	8 1/2	1,244.78	8 1/2	886.11	8 1/2	527.61	8 1/2	174.25	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
8 3/4	1,596.65	8 3/4	1,237.30	8 3/4	878.65	8 3/4	520.65	8 3/4	166.82	8 3/4		8 3/4		8 3/4		8 3/4		8 3/4	
9	1,589.17	9	1,229.81	9	871.19	9	513.69	9	159.39	9		9		9		9		9	
9 1/4	1,581.68	9 1/4	1,222.32	9 1/4	863.73	9 1/4	506.73	9 1/4	151.97	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	1,574.19	9 1/2	1,214.84	9 1/2	856.27	9 1/2	499.95	9 1/2	144.54	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
9 3/4	1,566.71	9 3/4	1,207.35	9 3/4	848.81	9 3/4	493.17	9 3/4	137.11	9 3/4		9 3/4		9 3/4		9 3/4		9 3/4	
10	1,559.22	10	1,199.86	10	841.35	10	486.38	10	129.68	10		10		10		10		10	
10 1/4	1,551.73	10 1/4	1,192.38	10 1/4	833.89	10 1/4	479.60	10 1/4	122.25	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	1,544.25	10 1/2	1,184.89	10 1/2	826.43	10 1/2	472.33	10 1/2	115.31	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
10 3/4	1,536.76	10 3/4	1,177.40	10 3/4	818.97	10 3/4	465.07	10 3/4	108.38	10 3/4		10 3/4		10 3/4		10 3/4		10 3/4	
11	1,529.27	11	1,169.92	11	811.51	11	457.80	11	101.44	11		11		11		11		11	
11 1/4	1,521.79	11 1/4	1,162.43	11 1/4	804.05	11 1/4	450.53	11 1/4	94.51	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	1,514.30	11 1/2	1,154.94	11 1/2	796.57	11 1/2	443.10	11 1/2	87.75	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
11 3/4	1,506.81	11 3/4	1,147.46	11 3/4	789.09	11 3/4	435.67	11 3/4	81.00	11 3/4		11 3/4		11 3/4		11 3/4		11 3/4	

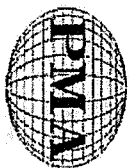
CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/10/2018 CL
CALCULATED: 10/11/2018 CL
PRINTED: 10/11/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "ATC 3482"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-01 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	4,098.89	0	3,974.43	0	3,839.66	0	3,703.88	0	3,567.79	0	3,432.17	0	3,296.39	0	3,160.44	0	3,024.42	0
1/4	1/4	4,098.14	1/4	3,974.62	1/4	3,839.85	1/4	3,704.05	1/4	3,568.95	1/4	3,433.17	1/4	3,297.37	1/4	3,161.56	1/4	2,550.00	1/4
1/2	1/2	4,097.40	1/2	3,968.81	1/2	3,834.05	1/2	3,698.21	1/2	3,562.12	1/2	3,426.34	1/2	3,291.53	1/2	3,155.72	1/2	2,548.74	1/2
3/4	3/4	4,096.66	3/4	3,963.00	3/4	3,833.24	3/4	3,697.44	3/4	3,561.36	3/4	3,425.58	3/4	3,289.77	3/4	3,154.90	3/4	2,545.86	3/4
1	1	4,094.70	1	3,963.20	1	3,828.43	1	3,692.54	1	3,559.57	1	3,425.07	1	3,290.23	1	3,154.44	1	2,543.03	1
1/4	1/4	4,092.74	1/4	3,960.39	1/4	3,825.62	1/4	3,689.70	1/4	3,548.86	1/4	3,415.12	1/4	3,283.33	1/4	3,148.29	1/4	2,540.72	1/4
1/2	1/2	4,090.78	1/2	3,957.58	1/2	3,822.82	1/2	3,686.86	1/2	3,546.05	1/2	3,412.44	1/2	3,280.44	1/2	3,145.41	1/2	2,538.00	1/2
3/4	3/4	4,088.83	3/4	3,954.77	3/4	3,820.01	3/4	3,684.03	3/4	3,543.44	3/4	3,409.78	3/4	3,277.71	3/4	3,142.58	3/4	2,535.26	3/4
2	2	4,086.18	2	3,951.20	2	3,817.20	2	3,681.20	2	3,539.78	2	3,406.44	2	3,274.44	2	3,139.28	2	2,532.50	2
1/4	1/4	4,083.53	1/4	3,948.16	1/4	3,814.39	1/4	3,678.36	1/4	3,536.90	1/4	3,403.77	1/4	3,271.77	1/4	3,136.58	1/4	2,529.74	1/4
1/2	1/2	4,080.88	1/2	3,945.34	1/2	3,811.59	1/2	3,675.52	1/2	3,534.05	1/2	3,400.90	1/2	3,268.86	1/2	3,133.86	1/2	2,527.00	1/2
3/4	3/4	4,078.23	3/4	3,942.54	3/4	3,808.78	3/4	3,672.68	3/4	3,531.11	3/4	3,397.77	3/4	3,266.06	3/4	3,131.11	3/4	2,524.26	3/4
3	3	4,075.44	3	3,940.74	3	3,806.95	3	3,669.85	3	3,497.77	3	3,395.82	3	3,263.82	3	3,128.41	3	2,521.50	3
1/4	1/4	4,072.65	1/4	3,937.93	1/4	3,803.13	1/4	3,667.01	1/4	3,495.44	1/4	3,393.77	1/4	3,261.77	1/4	3,126.44	1/4	2,518.74	1/4
1/2	1/2	4,069.86	1/2	3,935.12	1/2	3,800.31	1/2	3,664.17	1/2	3,493.10	1/2	3,391.58	1/2	3,259.77	1/2	3,124.58	1/2	2,516.00	1/2
3/4	3/4	4,067.07	3/4	3,932.31	3/4	3,797.48	3/4	3,661.34	3/4	3,490.99	3/4	3,389.77	3/4	3,257.77	3/4	3,122.71	3/4	2,513.26	3/4
4	4	4,064.26	4	3,929.51	4	3,794.65	4	3,658.50	4	3,488.44	4	3,387.77	4	3,255.77	4	3,120.99	4	2,510.50	4
1/4	1/4	4,061.48	1/4	3,926.70	1/4	3,791.81	1/4	3,655.67	1/4	3,485.10	1/4	3,385.77	1/4	3,253.77	1/4	3,118.58	1/4	2,507.74	1/4
1/2	1/2	4,058.65	1/2	3,923.89	1/2	3,788.98	1/2	3,652.83	1/2	3,482.77	1/2	3,383.77	1/2	3,251.77	1/2	3,116.58	1/2	2,505.00	1/2
3/4	3/4	4,055.85	3/4	3,921.08	3/4	3,786.14	3/4	3,650.00	3/4	3,480.43	3/4	3,381.58	3/4	3,249.77	3/4	3,114.58	3/4	2,502.26	3/4
5	5	4,053.04	5	3,918.27	5	3,783.31	5	3,647.16	5	3,439.10	5	3,379.76	5	3,247.76	5	3,112.58	5	2,500.00	5
1/4	1/4	4,050.23	1/4	3,915.47	1/4	3,780.47	1/4	3,644.33	1/4	3,436.76	1/4	3,377.76	1/4	3,245.76	1/4	3,110.58	1/4	2,497.26	1/4
1/2	1/2	4,047.42	1/2	3,912.66	1/2	3,777.63	1/2	3,641.49	1/2	3,434.43	1/2	3,375.76	1/2	3,243.76	1/2	3,108.58	1/2	2,495.00	1/2
3/4	3/4	4,044.62	3/4	3,909.85	3/4	3,774.80	3/4	3,638.66	3/4	3,431.76	3/4	3,373.76	3/4	3,241.76	3/4	3,106.58	3/4	2,492.26	3/4
6	6	4,041.81	6	3,907.04	6	3,771.96	6	3,635.82	6	3,428.99	6	3,370.99	6	3,238.99	6	3,103.82	6	2,490.00	6
1/4	1/4	4,039.00	1/4	3,904.24	1/4	3,769.12	1/4	3,633.99	1/4	3,426.43	1/4	3,368.44	1/4	3,236.44	1/4	3,101.82	1/4	2,487.26	1/4
1/2	1/2	4,036.19	1/2	3,901.43	1/2	3,766.29	1/2	3,631.15	1/2	3,423.59	1/2	3,365.58	1/2	3,233.58	1/2	3,099.82	1/2	2,485.00	1/2
3/4	3/4	4,033.39	3/4	3,898.62	3/4	3,763.45	3/4	3,628.32	3/4	3,420.76	3/4	3,362.76	3/4	3,231.76	3/4	3,097.82	3/4	2,482.26	3/4
7	7	4,030.58	7	3,895.81	7	3,760.61	7	3,625.48	7	3,417.99	7	3,359.86	7	3,229.86	7	3,095.82	7	2,480.00	7
1/4	1/4	4,027.77	1/4	3,893.01	1/4	3,757.78	1/4	3,622.65	1/4	3,415.16	1/4	3,357.86	1/4	3,227.86	1/4	3,093.82	1/4	2,477.26	1/4
1/2	1/2	4,024.96	1/2	3,890.20	1/2	3,754.94	1/2	3,619.81	1/2	3,412.31	1/2	3,355.00	1/2	3,225.00	1/2	3,091.82	1/2	2,475.00	1/2
3/4	3/4	4,022.16	3/4	3,887.39	3/4	3,752.10	3/4	3,616.96	3/4	3,409.46	3/4	3,352.16	3/4	3,222.16	3/4	3,089.82	3/4	2,472.26	3/4
8	8	4,019.35	8	3,884.58	8	3,749.27	8	3,614.14	8	3,406.78	8	3,349.46	8	3,219.46	8	3,087.82	8	2,470.00	8
1/4	1/4	4,016.54	1/4	3,881.78	1/4	3,746.43	1/4	3,611.31	1/4	3,404.03	1/4	3,346.78	1/4	3,217.78	1/4	3,085.82	1/4	2,467.26	1/4
1/2	1/2	4,013.73	1/2	3,878.97	1/2	3,743.59	1/2	3,608.47	1/2	3,401.23	1/2	3,343.99	1/2	3,215.99	1/2	3,083.82	1/2	2,465.00	1/2
3/4	3/4	4,010.93	3/4	3,876.16	3/4	3,740.76	3/4	3,605.64	3/4	3,398.46	3/4	3,341.16	3/4	3,213.16	3/4	3,081.82	3/4	2,462.26	3/4
9	9	4,008.12	9	3,873.35	9	3,737.92	9	3,602.80	9	3,395.78	9	3,338.46	9	3,210.46	9	3,079.82	9	2,460.00	9
1/4	1/4	4,005.31	1/4	3,870.55	1/4	3,735.09	1/4	3,599.97	1/4	3,393.03	1/4	3,335.78	1/4	3,208.78	1/4	3,077.82	1/4	2,457.26	1/4
1/2	1/2	4,002.50	1/2	3,867.74	1/2	3,732.25	1/2	3,597.13	1/2	3,390.23	1/2	3,333.03	1/2	3,206.03	1/2	3,075.82	1/2	2,455.00	1/2
3/4	3/4	3,999.70	3/4	3,864.93	3/4	3,729.41	3/4	3,594.30	3/4	3,387.46	3/4	3,330.26	3/4	3,204.26	3/4	3,073.82	3/4	2,452.26	3/4
10	10	3,996.89	10	3,862.12	10	3,726.58	10	3,591.47	10	3,384.65	10	3,327.45	10	3,201.45	10	3,071.82	10	2,450.00	10
1/4	1/4	3,994.08	1/4	3,859.32	1/4	3,723.74	1/4	3,588.63	1/4	3,381.84	1/4	3,324.64	1/4	3,200.64	1/4	3,069.82	1/4	2,447.26	1/4
1/2	1/2	3,991.27	1/2	3,856.51	1/2	3,720.90	1/2	3,585.82	1/2	3,379.03	1/2	3,321.83	1/2	3,198.83	1/2	3,067.82	1/2	2,445.00	1/2
3/4	3/4	3,988.46	3/4	3,853.70	3/4	3,718.07	3/4	3,583.01	3/4	3,376.22	3/4	3,319.02	3/4	3,196.02	3/4	3,065.82	3/4	2,442.26	3/4
11	11	3,985.66	11	3,850.89	11	3,715.23	11	3,579.13	11	3,373.43	11	3,316.23	11	3,193.23	11	3,063.82	11	2,440.00	11
1/4	1/4	3,982.85	1/4	3,848.08	1/4	3,712.39	1/4	3,576.29	1/4	3,370.63	1/4	3,313.43	1/4	3,190.43	1/4	3,061.82	1/4	2,437.26	1/4
1/2	1/2	3,980.04	1/2	3,845.28	1/2	3,709.56	1/2	3,573.46	1/2	3,367.82	1/2	3,310.62	1/2	3,188.62	1/2	3,059.82	1/2	2,435.00	1/2
3/4	3/4	3,977.23	3/4	3,842.47	3/4	3,706.72	3/4	3,570.62	3/4	3,365.01	3/4	3,307.81	3/4	3,185.81	3/4	3,057.82	3/4	2,432.26	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 AT GAUGE POINT
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 8" DIAMETER HATCH OR 2" DIAMETER "HERMETIC" VALVE
GAUGE POINT: (HERMETIC LOCATED 13'-00" OFF CENTERLINE AND 60'-03" FORWARD OF AFT BULKHEAD
GAUGE POINT: (8" HATCH) LOCATED 13'-00" OFF CENTERLINE AND 60'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pasland, Texas 77588

http://www.pmaacorp.net



BARGE "ATC 3482"

3 PORT ULLAGE TABLE

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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,811.35	1/4	1,458.33	1/4	1,102.42	1/4	759.42	1/4	410.37	1/4	60.53	1/4		1/4		1/4		1/4	
1/2	1,803.99	1/2	1,451.41	1/2	1,095.00	1/2	752.28	1/2	403.02	1/2	53.97	1/2		1/2		1/2		1/2	
3/4	1,796.63	3/4	1,443.98	3/4	1,087.57	3/4	745.13	3/4	395.68	3/4	47.41	3/4		3/4		3/4		3/4	
1	1,789.26	1	1,436.56	1	1,080.15	1	737.99	1	388.33	1	40.85	1		1		1		1	
1 1/4	1,781.98	1 1/4	1,429.13	1 1/4	1,072.95	1 1/4	730.63	1 1/4	380.93	1 1/4	35.74	1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	1,774.69	1 1/2	1,421.71	1 1/2	1,065.75	1 1/2	723.27	1 1/2	373.54	1 1/2	30.62	1 1/2		1 1/2		1 1/2		1 1/2	
1 3/4	1,767.40	1 3/4	1,414.28	1 3/4	1,058.55	1 3/4	715.92	1 3/4	366.15	1 3/4	25.51	1 3/4		1 3/4		1 3/4		1 3/4	
2	1,760.12	2	1,406.86	2	1,051.35	2	708.56	2	358.76	2	20.39	2		2		2		2	
2 1/4	1,752.85	2 1/4	1,399.43	2 1/4	1,044.23	2 1/4	701.13	2 1/4	351.34	2 1/4		2 1/4		2 1/4		2 1/4		2 1/4	
2 1/2	1,745.59	2 1/2	1,392.01	2 1/2	1,037.10	2 1/2	693.70	2 1/2	343.92	2 1/2		2 1/2		2 1/2		2 1/2		2 1/2	
2 3/4	1,738.32	2 3/4	1,384.58	2 3/4	1,029.98	2 3/4	686.27	2 3/4	336.51	2 3/4		2 3/4		2 3/4		2 3/4		2 3/4	
3	1,731.05	3	1,377.16	3	1,022.85	3	678.84	3	329.09	3		3		3		3		3	
3 1/4	1,723.79	3 1/4	1,369.73	3 1/4	1,015.73	3 1/4	671.41	3 1/4	321.66	3 1/4		3 1/4		3 1/4		3 1/4		3 1/4	
3 1/2	1,716.52	3 1/2	1,362.31	3 1/2	1,008.61	3 1/2	663.98	3 1/2	314.24	3 1/2		3 1/2		3 1/2		3 1/2		3 1/2	
3 3/4	1,709.26	3 3/4	1,354.88	3 3/4	1,001.49	3 3/4	656.55	3 3/4	306.81	3 3/4		3 3/4		3 3/4		3 3/4		3 3/4	
4	1,701.99	4	1,347.46	4	994.38	4	649.12	4	299.38	4		4		4		4		4	
4 1/4	1,694.73	4 1/4	1,340.03	4 1/4	987.26	4 1/4	641.69	4 1/4	291.95	4 1/4		4 1/4		4 1/4		4 1/4		4 1/4	
4 1/2	1,687.46	4 1/2	1,332.61	4 1/2	980.14	4 1/2	634.26	4 1/2	284.52	4 1/2		4 1/2		4 1/2		4 1/2		4 1/2	
4 3/4	1,680.19	4 3/4	1,325.18	4 3/4	973.03	4 3/4	626.83	4 3/4	277.09	4 3/4		4 3/4		4 3/4		4 3/4		4 3/4	
5	1,672.93	5	1,317.76	5	965.91	5	619.40	5	269.66	5		5		5		5		5	
5 1/4	1,665.66	5 1/4	1,310.33	5 1/4	958.79	5 1/4	611.97	5 1/4	262.22	5 1/4		5 1/4		5 1/4		5 1/4		5 1/4	
5 1/2	1,658.40	5 1/2	1,302.90	5 1/2	951.68	5 1/2	604.54	5 1/2	254.79	5 1/2		5 1/2		5 1/2		5 1/2		5 1/2	
5 3/4	1,651.13	5 3/4	1,295.48	5 3/4	944.56	5 3/4	597.11	5 3/4	247.35	5 3/4		5 3/4		5 3/4		5 3/4		5 3/4	
6	1,643.86	6	1,288.05	6	937.44	6	589.68	6	239.92	6		6		6		6		6	
6 1/4	1,636.59	6 1/4	1,280.63	6 1/4	930.33	6 1/4	582.25	6 1/4	232.48	6 1/4		6 1/4		6 1/4		6 1/4		6 1/4	
6 1/2	1,629.21	6 1/2	1,273.20	6 1/2	923.21	6 1/2	574.82	6 1/2	225.04	6 1/2		6 1/2		6 1/2		6 1/2		6 1/2	
6 3/4	1,621.89	6 3/4	1,265.78	6 3/4	916.09	6 3/4	567.39	6 3/4	217.60	6 3/4		6 3/4		6 3/4		6 3/4		6 3/4	
7	1,614.56	7	1,258.35	7	908.98	7	559.97	7	210.15	7		7		7		7		7	
7 1/4	1,607.17	7 1/4	1,250.93	7 1/4	901.86	7 1/4	552.54	7 1/4	202.76	7 1/4		7 1/4		7 1/4		7 1/4		7 1/4	
7 1/2	1,599.78	7 1/2	1,243.50	7 1/2	894.74	7 1/2	545.11	7 1/2	195.36	7 1/2		7 1/2		7 1/2		7 1/2		7 1/2	
7 3/4	1,592.38	7 3/4	1,236.08	7 3/4	887.63	7 3/4	537.68	7 3/4	187.96	7 3/4		7 3/4		7 3/4		7 3/4		7 3/4	
8	1,584.99	8	1,228.65	8	880.51	8	530.25	8	180.56	8		8		8		8		8	
8 1/4	1,577.58	8 1/4	1,221.23	8 1/4	873.39	8 1/4	523.36	8 1/4	173.17	8 1/4		8 1/4		8 1/4		8 1/4		8 1/4	
8 1/2	1,570.17	8 1/2	1,213.80	8 1/2	866.28	8 1/2	516.47	8 1/2	165.79	8 1/2		8 1/2		8 1/2		8 1/2		8 1/2	
8 3/4	1,562.76	8 3/4	1,206.38	8 3/4	859.16	8 3/4	509.58	8 3/4	158.41	8 3/4		8 3/4		8 3/4		8 3/4		8 3/4	
9	1,555.35	9	1,198.95	9	852.04	9	502.69	9	151.02	9		9		9		9		9	
9 1/4	1,547.93	9 1/4	1,191.53	9 1/4	844.93	9 1/4	495.98	9 1/4	143.64	9 1/4		9 1/4		9 1/4		9 1/4		9 1/4	
9 1/2	1,540.50	9 1/2	1,184.10	9 1/2	837.81	9 1/2	489.28	9 1/2	136.25	9 1/2		9 1/2		9 1/2		9 1/2		9 1/2	
9 3/4	1,533.08	9 3/4	1,176.68	9 3/4	830.69	9 3/4	482.57	9 3/4	128.87	9 3/4		9 3/4		9 3/4		9 3/4		9 3/4	
10	1,525.66	10	1,169.25	10	823.58	10	475.87	10	121.49	10		10		10		10		10	
10 1/4	1,518.24	10 1/4	1,161.83	10 1/4	816.46	10 1/4	468.68	10 1/4	114.60	10 1/4		10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	1,510.81	10 1/2	1,154.40	10 1/2	809.34	10 1/2	461.50	10 1/2	107.70	10 1/2		10 1/2		10 1/2		10 1/2		10 1/2	
10 3/4	1,503.39	10 3/4	1,146.98	10 3/4	802.23	10 3/4	454.31	10 3/4	100.81	10 3/4		10 3/4		10 3/4		10 3/4		10 3/4	
11	1,495.96	11	1,139.55	11	795.11	11	447.12	11	93.92	11		11		11		11		11	
11 1/4	1,488.53	11 1/4	1,132.13	11 1/4	787.97	11 1/4	439.77	11 1/4	87.21	11 1/4		11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	1,481.11	11 1/2	1,124.70	11 1/2	780.84	11 1/2	432.42	11 1/2	80.50	11 1/2		11 1/2		11 1/2		11 1/2		11 1/2	
11 3/4	1,473.68	11 3/4	1,117.27	11 3/4	773.70	11 3/4	425.07	11 3/4	73.80	11 3/4		11 3/4		11 3/4		11 3/4		11 3/4	
12	1,466.26	12	1,109.85	12	766.56	12	417.72	12	67.09	12		12		12		12		12	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/10/2018 CL
CALCULATED: 10/12/2018 CL
PRINTED: 10/11/2018 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2492
Pearland, Texas 77588
http://www.pmacorp.net



BARGE "ATC 3482"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	4,118.22	0	4,000.80	0	3,886.04	0	3,730.35	0	3,584.24	0	3,427.37	0	2,916.58	0	2,560.66	0	2,204.36	
1/4	1/4	4,117.90	1/4	3,997.99	1/4	3,883.23	1/4	3,727.51	1/4	3,581.41	1/4	3,424.96	1/4	2,909.17	1/4	2,553.23	1/4	2,196.94	
1/2	1/2	4,117.58	1/2	3,995.19	1/2	3,880.42	1/2	3,724.87	1/2	3,578.57	1/2	3,422.54	1/2	2,901.75	1/2	2,545.80	1/2	2,189.51	
3/4	3/4	4,116.84	3/4	3,992.38	3/4	3,877.61	3/4	3,721.84	3/4	3,575.74	3/4	3,420.13	3/4	2,894.34	3/4	2,538.38	3/4	2,182.08	
1	1	4,116.10	1	3,989.57	1	3,884.81	1	3,719.00	1	3,568.07	1	3,412.72	1	2,886.93	1	2,530.95	1	2,174.55	
1 1/4	1 1/4	4,115.35	1 1/4	3,986.76	1 1/4	3,882.00	1 1/4	3,716.16	1 1/4	3,565.07	1 1/4	3,409.24	1 1/4	2,883.52	1 1/4	2,527.52	1 1/4	2,171.22	
1 1/2	1 1/2	4,114.61	1 1/2	3,983.96	1 1/2	3,881.19	1 1/2	3,713.33	1 1/2	3,562.40	1 1/2	3,407.13	1 1/2	2,880.69	1 1/2	2,524.52	1 1/2	2,167.85	
2	2	4,113.87	2	3,981.15	2	3,878.43	2	3,710.49	2	3,559.14	2	3,404.82	2	2,877.28	2	2,521.52	2	2,164.94	
2 1/4	2 1/4	4,113.12	2 1/4	3,978.34	2 1/4	3,875.62	2 1/4	3,707.65	2 1/4	3,556.41	2 1/4	3,402.06	2 1/4	2,874.57	2 1/4	2,518.52	2 1/4	2,162.03	
2 1/2	2 1/2	4,112.38	2 1/2	3,975.53	2 1/2	3,872.81	2 1/2	3,704.82	2 1/2	3,553.70	2 1/2	3,399.30	2 1/2	2,871.86	2 1/2	2,515.52	2 1/2	2,159.13	
3	3	4,111.64	3	3,972.73	3	3,870.09	3	3,701.98	3	3,551.06	3	3,396.50	3	2,869.15	3	2,512.52	3	2,156.22	
3 1/4	3 1/4	4,110.89	3 1/4	3,969.92	3 1/4	3,867.35	3 1/4	3,699.14	3 1/4	3,548.39	3 1/4	3,393.73	3 1/4	2,866.44	3 1/4	2,509.52	3 1/4	2,153.31	
3 1/2	3 1/2	4,110.15	3 1/2	3,967.11	3 1/2	3,864.54	3 1/2	3,696.33	3 1/2	3,545.68	3 1/2	3,390.97	3 1/2	2,863.73	3 1/2	2,506.52	3 1/2	2,150.40	
4	4	4,109.41	4	3,964.30	4	3,861.77	4	3,693.56	4	3,542.92	4	3,388.21	4	2,861.02	4	2,503.52	4	2,147.49	
4 1/4	4 1/4	4,108.66	4 1/4	3,961.49	4 1/4	3,858.94	4 1/4	3,690.73	4 1/4	3,540.16	4 1/4	3,385.45	4 1/4	2,858.31	4 1/4	2,500.52	4 1/4	2,144.58	
4 1/2	4 1/2	4,107.92	4 1/2	3,958.68	4 1/2	3,856.19	4 1/2	3,687.92	4 1/2	3,537.40	4 1/2	3,382.69	4 1/2	2,855.60	4 1/2	2,497.52	4 1/2	2,141.67	
5	5	4,107.18	5	3,955.87	5	3,853.46	5	3,685.11	5	3,534.64	5	3,379.98	5	2,852.89	5	2,494.52	5	2,138.76	
5 1/4	5 1/4	4,106.43	5 1/4	3,953.06	5 1/4	3,850.69	5 1/4	3,682.30	5 1/4	3,531.82	5 1/4	3,377.21	5 1/4	2,850.18	5 1/4	2,491.52	5 1/4	2,135.85	
5 1/2	5 1/2	4,105.69	5 1/2	3,950.25	5 1/2	3,847.92	5 1/2	3,679.45	5 1/2	3,528.96	5 1/2	3,374.50	5 1/2	2,847.47	5 1/2	2,488.52	5 1/2	2,132.94	
6	6	4,104.94	6	3,947.44	6	3,845.11	6	3,676.68	6	3,526.20	6	3,371.79	6	2,844.76	6	2,485.52	6	2,130.03	
6 1/4	6 1/4	4,104.20	6 1/4	3,944.63	6 1/4	3,842.30	6 1/4	3,673.91	6 1/4	3,523.49	6 1/4	3,369.08	6 1/4	2,842.05	6 1/4	2,482.52	6 1/4	2,127.12	
6 1/2	6 1/2	4,103.46	6 1/2	3,941.82	6 1/2	3,839.49	6 1/2	3,671.14	6 1/2	3,520.73	6 1/2	3,366.37	6 1/2	2,839.34	6 1/2	2,479.52	6 1/2	2,124.21	
7	7	4,102.71	7	3,939.01	7	3,836.68	7	3,668.37	7	3,517.92	7	3,363.66	7	2,836.63	7	2,476.52	7	2,121.30	
7 1/4	7 1/4	4,101.97	7 1/4	3,936.20	7 1/4	3,833.87	7 1/4	3,665.56	7 1/4	3,515.11	7 1/4	3,360.85	7 1/4	2,833.92	7 1/4	2,473.52	7 1/4	2,118.39	
7 1/2	7 1/2	4,101.23	7 1/2	3,933.39	7 1/2	3,831.06	7 1/2	3,662.75	7 1/2	3,512.30	7 1/2	3,358.04	7 1/2	2,831.21	7 1/2	2,470.52	7 1/2	2,115.48	
8	8	4,100.48	8	3,930.58	8	3,828.23	8	3,659.94	8	3,509.48	8	3,355.23	8	2,828.50	8	2,467.52	8	2,112.57	
8 1/4	8 1/4	4,100.24	8 1/4	3,927.77	8 1/4	3,825.42	8 1/4	3,657.13	8 1/4	3,506.73	8 1/4	3,352.42	8 1/4	2,825.79	8 1/4	2,464.52	8 1/4	2,109.66	
8 1/2	8 1/2	4,100.00	8 1/2	3,924.96	8 1/2	3,822.61	8 1/2	3,654.32	8 1/2	3,503.92	8 1/2	3,349.61	8 1/2	2,823.08	8 1/2	2,461.52	8 1/2	2,106.75	
9	9	4,099.25	9	3,922.15	9	3,820.80	9	3,651.51	9	3,501.16	9	3,346.80	9	2,820.37	9	2,458.52	9	2,103.84	
9 1/4	9 1/4	4,098.51	9 1/4	3,919.34	9 1/4	3,817.99	9 1/4	3,648.70	9 1/4	3,500.40	9 1/4	3,344.00	9 1/4	2,817.66	9 1/4	2,455.52	9 1/4	2,100.93	
9 1/2	9 1/2	4,097.77	9 1/2	3,916.53	9 1/2	3,815.24	9 1/2	3,645.91	9 1/2	3,497.69	9 1/2	3,341.19	9 1/2	2,814.95	9 1/2	2,452.52	9 1/2	2,098.02	
10	10	4,097.02	10	3,913.72	10	3,812.50	10	3,643.10	10	3,494.98	10	3,338.38	10	2,812.24	10	2,449.52	10	2,095.11	
10 1/4	10 1/4	4,096.28	10 1/4	3,910.91	10 1/4	3,809.77	10 1/4	3,640.29	10 1/4	3,492.27	10 1/4	3,335.67	10 1/4	2,809.53	10 1/4	2,446.52	10 1/4	2,092.20	
10 1/2	10 1/2	4,095.54	10 1/2	3,908.10	10 1/2	3,806.96	10 1/2	3,637.50	10 1/2	3,489.56	10 1/2	3,332.96	10 1/2	2,806.82	10 1/2	2,443.52	10 1/2	2,089.29	
11	11	4,094.79	11	3,905.29	11	3,804.23	11	3,634.69	11	3,486.85	11	3,330.25	11	2,804.11	11	2,440.52	11	2,086.38	
11 1/4	11 1/4	4,094.05	11 1/4	3,902.48	11 1/4	3,801.42	11 1/4	3,631.88	11 1/4	3,484.14	11 1/4	3,327.54	11 1/4	2,801.40	11 1/4	2,437.52	11 1/4	2,083.47	
11 1/2	11 1/2	4,093.31	11 1/2	3,899.67	11 1/2	3,800.69	11 1/2	3,629.07	11 1/2	3,481.43	11 1/2	3,324.82	11 1/2	2,798.69	11 1/2	2,434.52	11 1/2	2,080.56	
12	12	4,092.56	12	3,896.86	12	3,797.92	12	3,626.26	12	3,478.70	12	3,322.11	12	2,795.98	12	2,431.52	12	2,077.65	
12 1/4	12 1/4	4,091.82	12 1/4	3,894.05	12 1/4	3,795.11	12 1/4	3,623.45	12 1/4	3,475.99	12 1/4	3,319.40	12 1/4	2,793.27	12 1/4	2,428.52	12 1/4	2,074.74	
12 1/2	12 1/2	4,091.08	12 1/2	3,891.24	12 1/2	3,792.30	12 1/2	3,620.64	12 1/2	3,473.28	12 1/2	3,316.69	12 1/2	2,790.56	12 1/2	2,425.52	12 1/2	2,071.83	
13	13	4,090.33	13	3,888.43	13	3,789.51	13	3,617.83	13	3,470.57	13	3,313.98	13	2,787.85	13	2,422.52	13	2,068.92	
13 1/4	13 1/4	4,089.59	13 1/4	3,885.62	13 1/4	3,786.70	13 1/4	3,615.02	13 1/4	3,467.86	13 1/4	3,311.27	13 1/4	2,785.14	13 1/4	2,419.52	13 1/4	2,066.01	
13 1/2	13 1/2	4,088.85	13 1/2	3,882.81	13 1/2	3,783.89	13 1/2	3,612.21	13 1/2	3,465.15	13 1/2	3,308.56	13 1/2	2,782.43	13 1/2	2,416.52	13 1/2	2,063.10	
14	14	4,088.10	14	3,880.00	14	3,781.08	14	3,609.44	14	3,462.44	14	3,305.85	14	2,779.72	14	2,413.52	14	2,060.19	
14 1/4	14 1/4	4,087.36	14 1/4	3,877.19	14 1/4	3,778.27	14 1/4	3,606.63	14 1/4	3,459.73	14 1/4	3,303.14	14 1/4	2,777.01	14 1/4	2,410.52	14 1/4	2,057.28	
14 1/2	14 1/2	4,086.62	14 1/2	3,874.38	14 1/2	3,775.46	14 1/2	3,603.82	14 1/2	3,456.92	14 1/2	3,300.43	14 1/2	2,774.30	14 1/2	2,407.52	14 1/2	2,054.37	
15	15	4,085.87	15	3,871.57	15	3,772.65	15	3,601.01	15	3,454.11	15	3,297.74	15	2,771.59	15	2,404.52	15	2,051.46	
15 1/4	15 1/4	4,085.13	15 1/4	3,868.76	15 1/4	3,769.84	15 1/4	3,598.20	15 1/4	3,451.30	15 1/4	3,295.03	15 1/4	2,768.88	15 1/4	2,401.52	15 1/4	2,048.55	
15 1/2	15 1/2	4,084.39	15 1/2	3,865.95	15 1/2	3,767.03	15 1/2	3,595.39	15 1/2	3,448.52	15 1/2	3,292.32	15 1/2	2,766.17	15 1/2	2,398.52	15 1/2	2,045.64	
16	16	4,083.64	16	3,863.14	16	3,764.22	16	3,592.58	16	3,445.71	16	3,289.61	16	2,763.46	16	2,395.52	16	2,042.73	
16 1/4	16 1/4	4,082.90	16 1/4	3,860.33	16 1/4	3,761.41	16 1/4	3,589.77	16 1/4	3,442.90	16 1/4	3,286.90	16 1/4	2,760.75	16 1/4	2,392.52	16 1/4	2,039.82	
16 1/2	16 1/2	4,082.16	16 1/2	3,857.52	16 1/2	3,758.60	16 1/2	3,586.96	16 1/2	3,440.09	16 1/2	3,284.19	16 1/2	2,758.04	16 1/2	2,389.52	16 1/2	2,036.91	
17	17	4,081.41	17	3,854.71	17	3,755.79	17	3,584.15	17	3,437.28	17	3,281.48	17	2,755.33	17	2,386.52	17	2,034.00	
17 1/4	17 1/4	4,080.67	17 1/4	3,851.90	17 1/4	3,752.98	17 1/4	3,581.34	17 1/4	3,434.47	17 1/4	3,278.77	17 1/4	2,752.62	17 1/4	2,383.52	17 1/4	2,031.09	
17 1/2	17 1/2	4,079.93	17 1/2	3,849.09	17 1/2	3,750.17	17 1/2	3,578.53	17 1/2	3,431.66	17 1/2	3,276.06	17 1/2	2,749.91	17 1/2	2,380.52	17 1/2	2,028.18	
18	18	4,079.18	18	3,846.28	18	3,747.36	18	3,575.72	18	3,428.85	18	3,273.35	18	2,747.20	18	2,377.52	18	2,025.27	
18 1/4	18 1/4	4,078.44	18 1/4	3,843.47	18 1/4	3,744.55	18 1/4	3,572.91	18 1/4	3,426.04	18 1/4	3,270.64	18 1/4	2,744.49	18 1/4	2,			



BARGE "ATC 3482"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,847.81	0	1,495.13	0	1,138.49	0	782.84	0	432.42	0	80.50	0		0		0		0	
1/4	1,840.38	1/4	1,487.70	1/4	1,131.06	1/4	775.42	1/4	425.07	1/4	73.80	1/4		1/4		1/4		1/4	
1/2	1,832.96	1/2	1,480.27	1/2	1,123.63	1/2	768.00	1/2	417.72	1/2	67.09	1/2		1/2		1/2		1/2	
3/4	1,825.59	3/4	1,472.84	3/4	1,116.20	3/4	760.57	3/4	410.37	3/4	60.53	3/4		3/4		3/4		3/4	
1	1,818.22	1	1,465.41	1	1,108.77	1	753.14	1	403.02	1	53.97	1		1		1		1	
1/4	1,810.85	1/4	1,457.98	1/4	1,101.34	1/4	745.71	1/4	395.68	1/4	47.41	1/4		1/4		1/4		1/4	
1/2	1,803.48	1/2	1,450.55	1/2	1,093.91	1/2	738.28	1/2	388.33	1/2	40.85	1/2		1/2		1/2		1/2	
3/4	1,796.19	3/4	1,443.12	3/4	1,086.49	3/4	730.85	3/4	380.93	3/4	35.74	3/4		3/4		3/4		3/4	
2	1,788.80	2	1,435.69	2	1,079.08	2	723.42	2	373.54	2	30.62	2		2		2		2	
1/4	1,781.61	1/4	1,428.26	1/4	1,071.66	1/4	715.99	1/4	366.15	1/4	26.51	1/4		1/4		1/4		1/4	
1/2	1,774.32	1/2	1,420.83	1/2	1,064.25	1/2	708.56	1/2	358.76	1/2	20.39	1/2		1/2		1/2		1/2	
3/4	1,767.05	3/4	1,413.40	3/4	1,056.84	3/4	701.13	3/4	351.34	3/4		3/4		3/4		3/4		3/4	
3	1,759.78	3	1,405.97	3	1,049.42	3	693.70	3	343.92	3		3		3		3		3	
1/4	1,752.51	1/4	1,398.54	1/4	1,042.01	1/4	686.27	1/4	336.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,745.23	1/2	1,391.11	1/2	1,034.60	1/2	678.84	1/2	329.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,737.96	3/4	1,383.68	3/4	1,027.20	3/4	671.41	3/4	321.66	3/4		3/4		3/4		3/4		3/4	
4	1,730.69	4	1,376.25	4	1,019.79	4	663.98	4	314.24	4		4		4		4		4	
1/4	1,723.42	1/4	1,368.82	1/4	1,012.39	1/4	656.55	1/4	306.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,716.15	1/2	1,361.39	1/2	1,004.98	1/2	649.12	1/2	299.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,708.88	3/4	1,353.96	3/4	997.58	3/4	641.69	3/4	291.95	3/4		3/4		3/4		3/4		3/4	
5	1,701.61	5	1,346.53	5	990.17	5	634.26	5	284.52	5		5		5		5		5	
1/4	1,694.34	1/4	1,339.10	1/4	982.77	1/4	626.83	1/4	277.09	1/4		1/4		1/4		1/4		1/4	
1/2	1,687.07	1/2	1,331.67	1/2	975.37	1/2	619.40	1/2	269.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,679.80	3/4	1,324.24	3/4	967.96	3/4	611.97	3/4	262.22	3/4		3/4		3/4		3/4		3/4	
6	1,672.53	6	1,316.81	6	960.56	6	604.54	6	254.79	6		6		6		6		6	
1/4	1,665.26	1/4	1,309.38	1/4	953.16	1/4	597.11	1/4	247.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,657.99	1/2	1,301.95	1/2	945.75	1/2	589.69	1/2	239.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,650.66	3/4	1,294.52	3/4	938.35	3/4	582.25	3/4	232.48	3/4		3/4		3/4		3/4		3/4	
7	1,643.33	7	1,287.09	7	930.95	7	574.82	7	225.04	7		7		7		7		7	
1/4	1,636.00	1/4	1,279.66	1/4	923.54	1/4	567.39	1/4	217.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,628.67	1/2	1,272.23	1/2	916.14	1/2	559.97	1/2	210.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,621.27	3/4	1,264.80	3/4	908.74	3/4	552.54	3/4	202.76	3/4		3/4		3/4		3/4		3/4	
8	1,613.87	8	1,257.37	8	901.33	8	545.11	8	195.36	8		8		8		8		8	
1/4	1,606.47	1/4	1,249.94	1/4	893.93	1/4	537.68	1/4	187.96	1/4		1/4		1/4		1/4		1/4	
1/2	1,599.07	1/2	1,242.51	1/2	886.53	1/2	530.25	1/2	180.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,591.66	3/4	1,235.08	3/4	879.12	3/4	523.36	3/4	173.17	3/4		3/4		3/4		3/4		3/4	
9	1,584.24	9	1,227.65	9	871.72	9	516.47	9	165.79	9		9		9		9		9	
1/4	1,576.83	1/4	1,220.22	1/4	864.32	1/4	509.58	1/4	158.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,569.41	1/2	1,212.79	1/2	856.91	1/2	502.69	1/2	151.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,561.99	3/4	1,205.36	3/4	849.51	3/4	495.98	3/4	143.64	3/4		3/4		3/4		3/4		3/4	
10	1,554.56	10	1,197.93	10	842.11	10	489.28	10	136.25	10		10		10		10		10	
1/4	1,547.14	1/4	1,190.50	1/4	834.70	1/4	482.57	1/4	128.87	1/4		1/4		1/4		1/4		1/4	
1/2	1,539.71	1/2	1,183.07	1/2	827.30	1/2	475.87	1/2	121.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,532.28	3/4	1,175.64	3/4	819.90	3/4	468.68	3/4	114.60	3/4		3/4		3/4		3/4		3/4	
11	1,524.85	11	1,168.21	11	812.49	11	461.50	11	107.70	11		11		11		11		11	
1/4	1,517.42	1/4	1,160.78	1/4	805.09	1/4	454.31	1/4	100.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,509.99	1/2	1,153.35	1/2	797.69	1/2	447.12	1/2	93.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,502.56	3/4	1,145.92	3/4	790.26	3/4	439.77	3/4	87.21	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STAMPED: 10/10/2018 CL
CALCULATED: 10/11/2018 CL
PRINTED: 10/11/2018 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2018

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pasland, Texas 77583
<http://www.pmacorp.net>