



BARGE "WEB 354"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-0/8	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	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
2 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
3 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
3 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
4 CENTER	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

(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 STBD IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 STBD, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 238'-00"

September 19, 2015

PRECISION MEASUREMENT
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<http://www.pmacorp.net>



BARGE "WEB 354"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0		0		0	6,371.96	0	6,034.61	0	5,697.24	0	5,359.86	0	4,988.70	0	4,510.00	0	4,031.19		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,364.94	1/4	6,027.58	1/4	5,690.21	1/4	5,352.83	1/4	4,978.77	1/4	4,500.02	1/4	4,021.22		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,357.93	1/2	6,020.55	1/2	5,683.18	1/2	5,345.80	1/2	4,968.84	1/2	4,490.04	1/2	4,011.25		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,350.90	3/4	6,013.52	3/4	5,676.15	3/4	5,338.77	3/4	4,958.87	3/4	4,480.07	3/4	4,001.28		
1	1	1	1	1	1	1	6,343.87	1	6,006.50	1	5,669.12	1	5,331.74	1	4,948.90	1	4,470.09	1	3,991.31		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,336.84	1/4	5,999.47	1/4	5,662.09	1/4	5,324.71	1/4	4,938.93	1/4	4,460.12	1/4	3,981.33		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,329.81	1/2	5,992.44	1/2	5,655.07	1/2	5,317.68	1/2	4,928.96	1/2	4,450.14	1/2	3,971.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,322.78	3/4	5,985.41	3/4	5,648.04	3/4	5,310.65	3/4	4,918.99	3/4	4,440.17	3/4	3,961.39		
2	2	2	2	2	2	2	6,315.75	2	5,978.38	2	5,641.01	2	5,303.63	2	4,909.02	2	4,430.19	2	3,951.42		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,308.72	1/4	5,971.35	1/4	5,633.98	1/4	5,296.60	1/4	4,899.05	1/4	4,420.21	1/4	3,941.45		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,301.70	1/2	5,964.32	1/2	5,626.95	1/2	5,289.57	1/2	4,889.07	1/2	4,410.24	1/2	3,931.47		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,294.67	3/4	5,957.30	3/4	5,619.92	3/4	5,282.54	3/4	4,879.10	3/4	4,400.26	3/4	3,921.50		
3	3	3	3	3	3	3	6,287.64	3	5,950.27	3	5,612.89	3	5,275.51	3	4,869.12	3	4,390.29	3	3,911.53		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,280.61	1/4	5,943.24	1/4	5,605.87	1/4	5,268.48	1/4	4,859.15	1/4	4,380.31	1/4	3,901.56		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,273.58	1/2	5,936.21	1/2	5,598.84	1/2	5,261.45	1/2	4,849.17	1/2	4,370.34	1/2	3,891.59		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,266.55	3/4	5,929.18	3/4	5,591.81	3/4	5,254.42	3/4	4,839.20	3/4	4,360.36	3/4	3,881.61		
4	4	4	4	4	4	4	6,259.52	4	5,922.15	4	5,584.78	4	5,247.39	4	4,829.22	4	4,350.38	4	3,871.64		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,252.50	1/4	5,915.12	1/4	5,577.75	1/4	5,240.36	1/4	4,819.25	1/4	4,340.41	1/4	3,861.67		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,245.47	1/2	5,908.09	1/2	5,570.72	1/2	5,233.34	1/2	4,809.27	1/2	4,330.43	1/2	3,851.70		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,238.44	3/4	5,901.07	3/4	5,563.69	3/4	5,226.31	3/4	4,799.29	3/4	4,320.46	3/4	3,841.73		
5	5	5	5	5	5	5	6,231.41	5	5,894.04	5	5,556.66	5	5,219.28	5	4,789.32	5	4,310.48	5	3,831.75		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,224.38	1/4	5,887.01	1/4	5,549.64	1/4	5,212.25	1/4	4,779.34	1/4	4,300.50	1/4	3,821.78		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,217.35	1/2	5,879.98	1/2	5,542.61	1/2	5,205.22	1/2	4,769.37	1/2	4,290.53	1/2	3,811.81		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,210.32	3/4	5,872.95	3/4	5,535.58	3/4	5,198.19	3/4	4,759.39	3/4	4,280.55	3/4	3,801.83		
6	6	6	6	6	6	6	6,479.68	6	6,203.30	6	5,865.92	6	5,528.55	6	5,191.16	6	4,749.42	6	4,270.58	6	3,791.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,478.98	1/4	6,196.27	1/4	5,858.89	1/4	5,521.52	1/4	5,184.13	1/4	4,739.44	1/4	4,260.60	1/4	3,781.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,478.28	1/2	6,189.24	1/2	5,851.87	1/2	5,514.49	1/2	5,177.10	1/2	4,729.46	1/2	4,250.63	1/2	3,771.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,476.35	3/4	6,182.21	3/4	5,844.84	3/4	5,507.46	3/4	5,169.83	3/4	4,719.49	3/4	4,240.65	3/4	3,761.93
7	7	7	7	7	7	7	6,474.42	7	6,175.18	7	5,837.81	7	5,500.44	7	5,162.56	7	4,709.51	7	4,230.67	7	3,751.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,472.48	1/4	6,168.15	1/4	5,830.78	1/4	5,493.41	1/4	5,155.28	1/4	4,699.54	1/4	4,220.70	1/4	3,741.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,470.55	1/2	6,161.12	1/2	5,823.75	1/2	5,486.38	1/2	5,148.01	1/2	4,689.56	1/2	4,210.72	1/2	3,732.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,467.22	3/4	6,154.10	3/4	5,816.72	3/4	5,479.35	3/4	5,140.18	3/4	4,679.59	3/4	4,200.75	3/4	3,722.02
8	8	8	8	8	8	8	6,463.88	8	6,147.07	8	5,809.69	8	5,472.32	8	5,132.35	8	4,669.61	8	4,190.77	8	3,712.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,460.54	1/4	6,140.04	1/4	5,802.67	1/4	5,465.29	1/4	5,124.53	1/4	4,659.63	1/4	4,180.80	1/4	3,702.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,457.20	1/2	6,133.01	1/2	5,795.64	1/2	5,458.26	1/2	5,116.70	1/2	4,649.66	1/2	4,170.82	1/2	3,692.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,452.46	3/4	6,125.98	3/4	5,788.61	3/4	5,451.23	3/4	5,108.28	3/4	4,639.68	3/4	4,160.84	3/4	3,682.11
9	9	9	9	9	9	9	6,447.72	9	6,118.95	9	5,781.58	9	5,444.21	9	5,099.86	9	4,629.71	9	4,150.87	9	3,672.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,442.97	1/4	6,111.92	1/4	5,774.55	1/4	5,437.18	1/4	5,091.44	1/4	4,619.73	1/4	4,140.89	1/4	3,662.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,438.23	1/2	6,104.90	1/2	5,767.52	1/2	5,430.15	1/2	5,083.02	1/2	4,609.75	1/2	4,130.92	1/2	3,652.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,432.08	3/4	6,097.87	3/4	5,760.49	3/4	5,423.12	3/4	5,074.01	3/4	4,599.78	3/4	4,120.94	3/4	3,642.20
10	10	10	10	10	10	10	6,425.93	10	6,090.84	10	5,753.47	10	5,416.09	10	5,064.99	10	4,589.80	10	4,110.97	10	3,632.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,419.78	1/4	6,083.81	1/4	5,746.44	1/4	5,409.06	1/4	5,055.98	1/4	4,579.83	1/4	4,101.00	1/4	3,622.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,413.64	1/2	6,076.78	1/2	5,739.41	1/2	5,402.03	1/2	5,046.97	1/2	4,569.85	1/2	4,091.03	1/2	3,612.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,406.72	3/4	6,069.75	3/4	5,732.38	3/4	5,395.00	3/4	5,037.36	3/4	4,559.88	3/4	4,081.05	3/4	3,602.29
11	11	11	11	11	11	11	6,399.81	11	6,062.72	11	5,725.35	11	5,387.97	11	5,027.76	11	4,549.90	11	4,071.08	11	3,592.31
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,392.90	1/4	6,055.70	1/4	5,718.32	1/4	5,380.94	1/4	5,018.15	1/4	4,539.92	1/4	4,061.11	1/4	3,582.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,385.99	1/2	6,048.67	1/2	5,711.29	1/2	5,373.92	1/2	5,008.55	1/2	4,529.95	1/2	4,051.14	1/2	3,572.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,378.98	3/4	6,041.64	3/4	5,704.27	3/4	5,366.89	3/4	4,998.62	3/4	4,519.97	3/4	4,041.17	3/4	3,562.38

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 AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 1'-00" OFF CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "WEB 354"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,552.40	0	3,073.49	0	2,595.25	0	2,117.23	0	1,638.47	0	1,161.36	0	683.87	0	204.37	0			
1/4	3,542.42	1/4	3,063.51	1/4	2,585.30	1/4	2,107.26	1/4	1,628.50	1/4	1,151.46	1/4	673.88	1/4	194.40	1/4			
1/2	3,532.45	1/2	3,053.53	1/2	2,575.35	1/2	2,097.28	1/2	1,618.52	1/2	1,141.56	1/2	663.89	1/2	184.42	1/2			
3/4	3,522.47	3/4	3,043.55	3/4	2,565.41	3/4	2,087.31	3/4	1,608.55	3/4	1,131.66	3/4	653.90	3/4	174.47	3/4			
1	3,512.49	1	3,033.58	1	2,555.46	1	2,077.33	1	1,598.58	1	1,121.76	1	643.91	1	164.51	1			
1/4	3,502.51	1/4	3,023.60	1/4	2,545.51	1/4	2,067.36	1/4	1,588.60	1/4	1,111.86	1/4	633.91	1/4	154.56	1/4			
1/2	3,492.54	1/2	3,013.62	1/2	2,535.57	1/2	2,057.38	1/2	1,578.63	1/2	1,101.96	1/2	623.92	1/2	144.60	1/2			
3/4	3,482.56	3/4	3,003.64	3/4	2,525.62	3/4	2,047.41	3/4	1,568.65	3/4	1,092.06	3/4	613.93	3/4	134.68	3/4			
2	3,472.58	2	2,993.67	2	2,515.68	2	2,037.44	2	1,558.68	2	1,082.16	2	603.94	2	124.75	2			
1/4	3,462.61	1/4	2,983.69	1/4	2,505.73	1/4	2,027.46	1/4	1,548.71	1/4	1,072.26	1/4	593.95	1/4	114.83	1/4			
1/2	3,452.63	1/2	2,973.71	1/2	2,495.78	1/2	2,017.49	1/2	1,538.73	1/2	1,062.36	1/2	583.96	1/2	104.90	1/2			
3/4	3,442.65	3/4	2,963.74	3/4	2,485.84	3/4	2,007.51	3/4	1,528.76	3/4	1,052.46	3/4	573.97	3/4	95.03	3/4			
3	3,432.67	3	2,953.76	3	2,475.89	3	1,997.54	3	1,518.78	3	1,042.56	3	563.98	3	85.16	3			
1/4	3,422.70	1/4	2,943.78	1/4	2,465.95	1/4	1,987.57	1/4	1,508.81	1/4	1,032.66	1/4	553.99	1/4	75.29	1/4			
1/2	3,412.72	1/2	2,933.80	1/2	2,456.00	1/2	1,977.59	1/2	1,498.84	1/2	1,022.76	1/2	544.00	1/2	65.42	1/2			
3/4	3,402.74	3/4	2,923.83	3/4	2,446.05	3/4	1,967.62	3/4	1,488.86	3/4	1,012.86	3/4	534.00	3/4	56.91	3/4			
4	3,392.76	4	2,913.85	4	2,436.11	4	1,957.64	4	1,478.89	4	1,002.96	4	524.01	4	48.39	4			
1/4	3,382.79	1/4	2,903.87	1/4	2,426.16	1/4	1,947.67	1/4	1,468.91	1/4	993.06	1/4	514.02	1/4	39.88	1/4			
1/2	3,372.81	1/2	2,893.89	1/2	2,416.22	1/2	1,937.70	1/2	1,458.94	1/2	983.16	1/2	504.03	1/2	31.37	1/2			
3/4	3,362.83	3/4	2,883.92	3/4	2,406.27	3/4	1,927.72	3/4	1,448.96	3/4	973.22	3/4	494.04	3/4	25.96	3/4			
5	3,352.85	5	2,873.94	5	2,396.32	5	1,917.75	5	1,438.99	5	963.27	5	484.05	5	20.54	5			
1/4	3,342.88	1/4	2,863.96	1/4	2,386.38	1/4	1,907.77	1/4	1,429.02	1/4	953.32	1/4	474.06	1/4	15.13	1/4			
1/2	3,332.90	1/2	2,853.98	1/2	2,376.43	1/2	1,897.80	1/2	1,419.04	1/2	943.38	1/2	464.07	1/2	9.72	1/2			
3/4	3,322.92	3/4	2,844.01	3/4	2,366.49	3/4	1,887.83	3/4	1,409.08	3/4	933.41	3/4	454.08	3/4	7.64	3/4			
6	3,312.94	6	2,834.03	6	2,356.54	6	1,877.85	6	1,399.11	6	923.45	6	444.09	6	5.56	6			
1/4	3,302.97	1/4	2,824.05	1/4	2,346.59	1/4	1,867.88	1/4	1,389.15	1/4	913.49	1/4	434.10	1/4	3.47	1/4			
1/2	3,292.99	1/2	2,814.07	1/2	2,336.65	1/2	1,857.90	1/2	1,379.19	1/2	903.52	1/2	424.12	1/2	1.39	1/2			
3/4	3,283.01	3/4	2,804.12	3/4	2,326.68	3/4	1,847.93	3/4	1,369.28	3/4	893.54	3/4	414.12	3/4		3/4			
7	3,273.03	7	2,794.17	7	2,316.70	7	1,837.95	7	1,359.37	7	883.57	7	404.13	7		7			
1/4	3,263.06	1/4	2,784.22	1/4	2,306.73	1/4	1,827.98	1/4	1,349.47	1/4	873.59	1/4	394.14	1/4		1/4			
1/2	3,253.08	1/2	2,774.28	1/2	2,296.76	1/2	1,818.01	1/2	1,339.56	1/2	863.61	1/2	384.15	1/2		1/2			
3/4	3,243.10	3/4	2,764.33	3/4	2,286.79	3/4	1,808.03	3/4	1,329.66	3/4	853.63	3/4	374.16	3/4		3/4			
8	3,233.13	8	2,754.38	8	2,276.81	8	1,798.06	8	1,319.76	8	843.65	8	364.17	8		8			
1/4	3,223.15	1/4	2,744.44	1/4	2,266.84	1/4	1,788.08	1/4	1,309.86	1/4	833.67	1/4	354.18	1/4		1/4			
1/2	3,213.17	1/2	2,734.49	1/2	2,256.87	1/2	1,778.11	1/2	1,299.96	1/2	823.69	1/2	344.19	1/2		1/2			
3/4	3,203.19	3/4	2,724.54	3/4	2,246.89	3/4	1,768.14	3/4	1,290.06	3/4	813.71	3/4	334.20	3/4		3/4			
9	3,193.22	9	2,714.60	9	2,236.92	9	1,758.16	9	1,280.16	9	803.73	9	324.20	9		9			
1/4	3,183.24	1/4	2,704.65	1/4	2,226.94	1/4	1,748.19	1/4	1,270.26	1/4	793.75	1/4	314.21	1/4		1/4			
1/2	3,173.26	1/2	2,694.71	1/2	2,216.97	1/2	1,738.21	1/2	1,260.36	1/2	783.78	1/2	304.22	1/2		1/2			
3/4	3,163.28	3/4	2,684.76	3/4	2,207.00	3/4	1,728.24	3/4	1,250.46	3/4	773.79	3/4	294.23	3/4		3/4			
10	3,153.31	10	2,674.81	10	2,197.02	10	1,718.27	10	1,240.56	10	763.80	10	284.24	10		10			
1/4	3,143.33	1/4	2,664.87	1/4	2,187.05	1/4	1,708.29	1/4	1,230.66	1/4	753.81	1/4	274.25	1/4		1/4			
1/2	3,133.35	1/2	2,654.92	1/2	2,177.07	1/2	1,698.32	1/2	1,220.76	1/2	743.82	1/2	264.26	1/2		1/2			
3/4	3,123.37	3/4	2,644.98	3/4	2,167.10	3/4	1,688.34	3/4	1,210.86	3/4	733.82	3/4	254.27	3/4		3/4			
11	3,113.40	11	2,635.03	11	2,157.13	11	1,678.37	11	1,200.96	11	723.83	11	244.29	11		11			
1/4	3,103.42	1/4	2,625.08	1/4	2,147.15	1/4	1,668.39	1/4	1,191.06	1/4	713.84	1/4	234.30	1/4		1/4			
1/2	3,093.44	1/2	2,615.14	1/2	2,137.18	1/2	1,658.42	1/2	1,181.16	1/2	703.85	1/2	224.32	1/2		1/2			
3/4	3,083.46	3/4	2,605.19	3/4	2,127.20	3/4	1,648.45	3/4	1,171.26	3/4	693.86	3/4	214.34	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2015 SW
CALCULATED: 09/19/2015 CL
PRINTED: 09/19/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2015

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



BARGE "WEB 354"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	4,403.97	0	4,097.15	0	3,790.36	0	3,482.74	0	3,174.04	0	2,865.34	0	2,556.63
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,397.57	1/4	4,090.76	1/4	3,783.97	1/4	3,476.31	1/4	3,167.61	1/4	2,858.91	1/4	2,550.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,391.17	1/2	4,084.37	1/2	3,777.58	1/2	3,469.88	1/2	3,161.18	1/2	2,852.47	1/2	2,543.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,384.78	3/4	4,077.97	3/4	3,771.19	3/4	3,463.45	3/4	3,154.75	3/4	2,846.04	3/4	2,537.34
1	1	1	1	1	1	1	4,378.38	1	4,071.58	1	3,764.80	1	3,457.02	1	3,148.31	1	2,839.61	1	2,530.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,371.98	1/4	4,065.19	1/4	3,758.40	1/4	3,450.59	1/4	3,141.88	1/4	2,833.18	1/4	2,524.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,365.59	1/2	4,058.80	1/2	3,752.01	1/2	3,444.15	1/2	3,135.45	1/2	2,826.75	1/2	2,518.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,359.20	3/4	4,052.41	3/4	3,745.62	3/4	3,437.72	3/4	3,129.02	3/4	2,820.32	3/4	2,511.62
2	2	2	2	2	2	2	4,352.80	2	4,046.02	2	3,739.23	2	3,431.29	2	3,122.59	2	2,813.89	2	2,505.18
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,346.41	1/4	4,039.63	1/4	3,732.84	1/4	3,424.86	1/4	3,116.16	1/4	2,807.46	1/4	2,498.75
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,340.02	1/2	4,033.23	1/2	3,726.45	1/2	3,418.43	1/2	3,109.73	1/2	2,801.02	1/2	2,492.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,333.63	3/4	4,026.84	3/4	3,720.06	3/4	3,412.00	3/4	3,103.29	3/4	2,794.59	3/4	2,485.89
3	3	3	3	3	3	3	4,327.24	3	4,020.45	3	3,713.66	3	3,405.57	3	3,096.86	3	2,788.16	3	2,479.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,320.85	1/4	4,014.06	1/4	3,707.27	1/4	3,399.13	1/4	3,090.43	1/4	2,781.73	1/4	2,473.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,314.46	1/2	4,007.67	1/2	3,700.88	1/2	3,392.70	1/2	3,084.00	1/2	2,775.30	1/2	2,466.60
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,308.07	3/4	4,001.28	3/4	3,694.49	3/4	3,386.27	3/4	3,077.57	3/4	2,768.87	3/4	2,460.16
4	4	4	4	4	4	4	4,301.67	4	3,994.89	4	3,688.10	4	3,379.84	4	3,071.14	4	2,762.44	4	2,453.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,295.28	1/4	3,988.50	1/4	3,681.71	1/4	3,373.41	1/4	3,064.71	1/4	2,756.00	1/4	2,447.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,288.89	1/2	3,982.10	1/2	3,675.32	1/2	3,366.98	1/2	3,058.28	1/2	2,749.57	1/2	2,440.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,282.50	3/4	3,975.71	3/4	3,668.93	3/4	3,360.55	3/4	3,051.84	3/4	2,743.14	3/4	2,434.42
5	5	5	5	5	5	5	4,276.11	5	3,969.32	5	3,662.53	5	3,354.12	5	3,045.41	5	2,736.71	5	2,427.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,269.72	1/4	3,962.93	1/4	3,656.14	1/4	3,347.68	1/4	3,038.98	1/4	2,730.28	1/4	2,421.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,263.33	1/2	3,956.54	1/2	3,649.75	1/2	3,341.25	1/2	3,032.55	1/2	2,723.85	1/2	2,415.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,256.93	3/4	3,950.15	3/4	3,643.36	3/4	3,334.82	3/4	3,026.12	3/4	2,717.42	3/4	2,408.66
6	6	6	6	6	6	6	4,250.54	6	3,943.76	6	3,636.97	6	3,328.39	6	3,019.69	6	2,710.99	6	2,402.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,244.15	1/4	3,937.36	1/4	3,630.58	1/4	3,321.96	1/4	3,013.26	1/4	2,704.55	1/4	2,395.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,237.76	1/2	3,930.97	1/2	3,624.17	1/2	3,315.53	1/2	3,006.83	1/2	2,698.12	1/2	2,389.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,519.76	3/4	4,231.37	3/4	3,924.58	3/4	3,617.76	3/4	3,309.10	3/4	3,000.39	3/4	2,691.69
7	7	7	7	7	7	7	4,516.67	7	4,224.98	7	3,918.19	7	3,611.35	7	3,302.67	7	2,993.96	7	2,685.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,513.58	1/4	4,218.59	1/4	3,911.80	1/4	3,604.94	1/4	3,296.23	1/4	2,987.53	1/4	2,678.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,509.20	1/2	4,212.19	1/2	3,905.41	1/2	3,598.50	1/2	3,289.80	1/2	2,981.10	1/2	2,672.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,504.82	3/4	4,205.80	3/4	3,899.02	3/4	3,592.07	3/4	3,283.37	3/4	2,974.67	3/4	2,665.97
8	8	8	8	8	8	8	4,500.44	8	4,199.41	8	3,892.62	8	3,585.64	8	3,276.94	8	2,968.24	8	2,659.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,496.06	1/4	4,193.02	1/4	3,886.23	1/4	3,579.21	1/4	3,270.51	1/4	2,961.81	1/4	2,653.10
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,490.49	1/2	4,186.63	1/2	3,879.84	1/2	3,572.78	1/2	3,264.08	1/2	2,955.37	1/2	2,646.67
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,484.91	3/4	4,180.24	3/4	3,873.45	3/4	3,566.35	3/4	3,257.65	3/4	2,948.94	3/4	2,640.24
9	9	9	9	9	9	9	4,479.33	9	4,173.85	9	3,867.06	9	3,559.92	9	3,251.21	9	2,942.51	9	2,633.81
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,473.76	1/4	4,167.45	1/4	3,860.67	1/4	3,553.49	1/4	3,244.78	1/4	2,936.08	1/4	2,627.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,467.50	1/2	4,161.06	1/2	3,854.28	1/2	3,547.05	1/2	3,238.35	1/2	2,929.65	1/2	2,620.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,461.24	3/4	4,154.67	3/4	3,847.88	3/4	3,540.62	3/4	3,231.92	3/4	2,923.22	3/4	2,614.52
10	10	10	10	10	10	10	4,454.99	10	4,148.28	10	3,841.49	10	3,534.19	10	3,225.49	10	2,916.79	10	2,608.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,448.73	1/4	4,141.89	1/4	3,835.10	1/4	3,527.76	1/4	3,219.06	1/4	2,910.36	1/4	2,601.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,442.34	1/2	4,135.50	1/2	3,828.71	1/2	3,521.33	1/2	3,212.63	1/2	2,903.92	1/2	2,595.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,435.95	3/4	4,129.11	3/4	3,822.32	3/4	3,514.90	3/4	3,206.20	3/4	2,897.49	3/4	2,588.79
11	11	11	11	11	11	11	4,429.56	11	4,122.71	11	3,815.93	11	3,508.47	11	3,199.76	11	2,891.06	11	2,582.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,423.17	1/4	4,116.32	1/4	3,809.54	1/4	3,502.04	1/4	3,193.33	1/4	2,884.63	1/4	2,575.93
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,416.77	1/2	4,109.93	1/2	3,803.14	1/2	3,495.60	1/2	3,186.90	1/2	2,878.20	1/2	2,569.50
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,410.37	3/4	4,103.54	3/4	3,796.75	3/4	3,489.17	3/4	3,180.47	3/4	2,871.77	3/4	2,563.07

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 WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 35'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 354"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,247.61	0	1,938.41	0	1,629.20	0	1,320.00	0	1,010.79	0	701.78	0	392.81	0	83.84	0			0
1/4	2,241.17	1/4	1,931.97	1/4	1,622.76	1/4	1,313.55	1/4	1,004.35	1/4	695.36	1/4	386.37	1/4	77.43	1/4			1/4
1/2	2,234.73	1/2	1,925.52	1/2	1,616.32	1/2	1,307.11	1/2	997.91	1/2	688.93	1/2	379.93	1/2	71.05	1/2			1/2
3/4	2,228.29	3/4	1,919.08	3/4	1,609.88	3/4	1,300.67	3/4	991.46	3/4	682.50	3/4	373.49	3/4	64.67	3/4			3/4
1	2,221.85	1	1,912.64	1	1,603.43	1	1,294.23	1	985.02	1	676.07	1	367.04	1	58.30	1			1
1/4	2,215.41	1/4	1,906.20	1/4	1,596.99	1/4	1,287.79	1/4	978.58	1/4	669.64	1/4	360.60	1/4	51.92	1/4			1/4
1/2	2,208.96	1/2	1,899.76	1/2	1,590.55	1/2	1,281.34	1/2	972.14	1/2	663.21	1/2	354.16	1/2	46.06	1/2			1/2
3/4	2,202.52	3/4	1,893.32	3/4	1,584.11	3/4	1,274.90	3/4	965.70	3/4	656.79	3/4	347.72	3/4	40.19	3/4			3/4
2	2,196.08	2	1,886.87	2	1,577.67	2	1,268.46	2	959.25	2	650.36	2	341.28	2	34.33	2			2
1/4	2,189.64	1/4	1,880.43	1/4	1,571.23	1/4	1,262.02	1/4	952.81	1/4	643.93	1/4	334.84	1/4	28.47	1/4			1/4
1/2	2,183.20	1/2	1,873.99	1/2	1,564.78	1/2	1,255.58	1/2	946.37	1/2	637.50	1/2	328.39	1/2	24.18	1/2			1/2
3/4	2,176.76	3/4	1,867.55	3/4	1,558.34	3/4	1,249.14	3/4	939.93	3/4	631.07	3/4	321.95	3/4	19.88	3/4			3/4
3	2,170.31	3	1,861.11	3	1,551.90	3	1,242.69	3	933.49	3	624.64	3	315.51	3	15.59	3			3
1/4	2,163.87	1/4	1,854.67	1/4	1,545.46	1/4	1,236.25	1/4	927.05	1/4	618.22	1/4	309.07	1/4	11.30	1/4			1/4
1/2	2,157.43	1/2	1,848.22	1/2	1,539.02	1/2	1,229.81	1/2	920.60	1/2	611.78	1/2	302.63	1/2		1/2			1/2
3/4	2,150.99	3/4	1,841.78	3/4	1,532.58	3/4	1,223.37	3/4	914.16	3/4	605.35	3/4	296.19	3/4		3/4			3/4
4	2,144.55	4	1,835.34	4	1,526.13	4	1,216.93	4	907.72	4	598.92	4	289.75	4	4	4			4
1/4	2,138.10	1/4	1,828.90	1/4	1,519.69	1/4	1,210.49	1/4	901.28	1/4	592.49	1/4	283.30	1/4		1/4			1/4
1/2	2,131.66	1/2	1,822.46	1/2	1,513.25	1/2	1,204.04	1/2	894.84	1/2	586.05	1/2	276.86	1/2		1/2			1/2
3/4	2,125.22	3/4	1,816.01	3/4	1,506.81	3/4	1,197.60	3/4	888.40	3/4	579.61	3/4	270.42	3/4		3/4			3/4
5	2,118.78	5	1,809.57	5	1,500.37	5	1,191.16	5	881.95	5	573.17	5	263.98	5		5			5
1/4	2,112.34	1/4	1,803.13	1/4	1,493.92	1/4	1,184.72	1/4	875.51	1/4	566.73	1/4	257.54	1/4		1/4			1/4
1/2	2,105.90	1/2	1,796.69	1/2	1,487.48	1/2	1,178.28	1/2	869.07	1/2	560.29	1/2	251.10	1/2		1/2			1/2
3/4	2,099.45	3/4	1,790.25	3/4	1,481.04	3/4	1,171.83	3/4	862.63	3/4	553.85	3/4	244.65	3/4		3/4			3/4
6	2,093.01	6	1,783.81	6	1,474.60	6	1,165.39	6	856.19	6	547.41	6	238.21	6		6			6
1/4	2,086.57	1/4	1,777.36	1/4	1,468.16	1/4	1,158.95	1/4	849.74	1/4	540.97	1/4	231.77	1/4		1/4			1/4
1/2	2,080.13	1/2	1,770.92	1/2	1,461.72	1/2	1,152.51	1/2	843.30	1/2	534.53	1/2	225.33	1/2		1/2			1/2
3/4	2,073.69	3/4	1,764.48	3/4	1,455.27	3/4	1,146.07	3/4	836.86	3/4	528.08	3/4	218.89	3/4		3/4			3/4
7	2,067.24	7	1,758.04	7	1,448.83	7	1,139.63	7	830.42	7	521.64	7	212.45	7		7			7
1/4	2,060.80	1/4	1,751.60	1/4	1,442.39	1/4	1,133.18	1/4	823.98	1/4	515.20	1/4	206.00	1/4		1/4			1/4
1/2	2,054.36	1/2	1,745.15	1/2	1,435.95	1/2	1,126.74	1/2	817.54	1/2	508.76	1/2	199.56	1/2		1/2			1/2
3/4	2,047.92	3/4	1,738.71	3/4	1,429.51	3/4	1,120.30	3/4	811.10	3/4	502.32	3/4	193.12	3/4		3/4			3/4
8	2,041.48	8	1,732.27	8	1,423.06	8	1,113.86	8	804.66	8	495.88	8	186.68	8		8			8
1/4	2,035.04	1/4	1,725.83	1/4	1,416.62	1/4	1,107.42	1/4	798.22	1/4	489.43	1/4	180.24	1/4		1/4			1/4
1/2	2,028.59	1/2	1,719.39	1/2	1,410.18	1/2	1,100.97	1/2	791.79	1/2	482.99	1/2	173.80	1/2		1/2			1/2
3/4	2,022.15	3/4	1,712.95	3/4	1,403.74	3/4	1,094.53	3/4	785.36	3/4	476.55	3/4	167.36	3/4		3/4			3/4
9	2,015.71	9	1,706.50	9	1,397.30	9	1,088.09	9	778.93	9	470.11	9	160.92	9		9			9
1/4	2,009.27	1/4	1,700.06	1/4	1,390.86	1/4	1,081.65	1/4	772.50	1/4	463.67	1/4	154.48	1/4		1/4			1/4
1/2	2,002.83	1/2	1,693.62	1/2	1,384.41	1/2	1,075.21	1/2	766.07	1/2	457.23	1/2	148.05	1/2		1/2			1/2
3/4	1,996.38	3/4	1,687.18	3/4	1,377.97	3/4	1,068.77	3/4	759.64	3/4	450.79	3/4	141.61	3/4		3/4			3/4
10	1,989.94	10	1,680.74	10	1,371.53	10	1,062.32	10	753.21	10	444.34	10	135.18	10		10			10
1/4	1,983.50	1/4	1,674.29	1/4	1,365.09	1/4	1,055.88	1/4	746.78	1/4	437.90	1/4	128.75	1/4		1/4			1/4
1/2	1,977.06	1/2	1,667.85	1/2	1,358.65	1/2	1,049.44	1/2	740.35	1/2	431.46	1/2	122.32	1/2		1/2			1/2
3/4	1,970.62	3/4	1,661.41	3/4	1,352.20	3/4	1,043.00	3/4	733.93	3/4	425.02	3/4	115.90	3/4		3/4			3/4
11	1,964.18	11	1,654.97	11	1,345.76	11	1,036.56	11	727.50	11	418.58	11	109.48	11		11			11
1/4	1,957.73	1/4	1,648.53	1/4	1,339.32	1/4	1,030.11	1/4	721.07	1/4	412.14	1/4	103.06	1/4		1/4			1/4
1/2	1,951.29	1/2	1,642.09	1/2	1,332.88	1/2	1,023.67	1/2	714.64	1/2	405.69	1/2	96.65	1/2		1/2			1/2
3/4	1,944.85	3/4	1,635.64	3/4	1,326.44	3/4	1,017.23	3/4	708.21	3/4	399.25	3/4	90.24	3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2015 SW
CALCULATED: 09/19/2015 CL
PRINTED: 09/19/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2015

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



BARGE "WEB 354"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,243.85	0	1,934.60	0	1,625.35	0	1,316.10	0	1,006.85	0	704.42	0	399.31	0	90.26	0			
1/4	2,237.40	1/4	1,928.16	1/4	1,618.91	1/4	1,309.66	1/4	1,000.41	1/4	698.21	1/4	392.87	1/4	83.85	1/4			
1/2	2,230.96	1/2	1,921.71	1/2	1,612.46	1/2	1,303.21	1/2	993.96	1/2	691.99	1/2	386.42	1/2	77.44	1/2			
3/4	2,224.52	3/4	1,915.27	3/4	1,606.02	3/4	1,296.77	3/4	987.52	3/4	685.78	3/4	379.98	3/4	71.06	3/4			
1	2,218.08	1	1,908.83	1	1,599.58	1	1,290.33	1	981.08	1	679.57	1	373.54	1	64.68	1			
1/4	2,211.63	1/4	1,902.38	1/4	1,593.13	1/4	1,283.89	1/4	974.64	1/4	673.35	1/4	367.10	1/4	58.30	1/4			
1/2	2,205.19	1/2	1,895.94	1/2	1,586.69	1/2	1,277.44	1/2	968.19	1/2	667.14	1/2	360.65	1/2	51.93	1/2			
3/4	2,198.75	3/4	1,889.50	3/4	1,580.25	3/4	1,271.00	3/4	961.75	3/4	660.93	3/4	354.21	3/4	46.06	3/4			
2	2,192.31	2	1,883.06	2	1,573.81	2	1,264.56	2	955.31	2	654.71	2	347.77	2	40.20	2			
1/4	2,185.86	1/4	1,876.61	1/4	1,567.36	1/4	1,258.11	1/4	948.86	1/4	648.50	1/4	341.33	1/4	34.34	1/4			
1/2	2,179.42	1/2	1,870.17	1/2	1,560.92	1/2	1,251.67	1/2	942.42	1/2	642.29	1/2	334.88	1/2	28.47	1/2			
3/4	2,172.98	3/4	1,863.73	3/4	1,554.48	3/4	1,245.23	3/4	936.98	3/4	636.08	3/4	328.44	3/4	24.18	3/4			
3	2,166.54	3	1,857.29	3	1,548.04	3	1,238.79	3	929.54	3	629.86	3	322.00	3	19.89	3			
1/4	2,160.09	1/4	1,850.84	1/4	1,541.59	1/4	1,232.34	1/4	923.09	1/4	623.65	1/4	315.56	1/4	15.59	1/4			
1/2	2,153.65	1/2	1,844.40	1/2	1,535.15	1/2	1,225.90	1/2	916.65	1/2	617.44	1/2	309.11	1/2	11.30	1/2			
3/4	2,147.21	3/4	1,837.96	3/4	1,528.71	3/4	1,219.46	3/4	910.26	3/4	611.17	3/4	302.67	3/4		3/4			
4	2,140.76	4	1,831.51	4	1,522.27	4	1,213.02	4	903.88	4	604.90	4	296.23	4		4			
1/4	2,134.32	1/4	1,825.07	1/4	1,515.82	1/4	1,206.57	1/4	897.49	1/4	598.63	1/4	289.79	1/4		1/4			
1/2	2,127.88	1/2	1,818.63	1/2	1,509.38	1/2	1,200.13	1/2	891.11	1/2	592.35	1/2	283.34	1/2		1/2			
3/4	2,121.44	3/4	1,812.19	3/4	1,502.94	3/4	1,193.69	3/4	884.83	3/4	585.97	3/4	276.90	3/4		3/4			
5	2,114.99	5	1,805.74	5	1,496.49	5	1,187.24	5	878.56	5	579.58	5	270.46	5		5			
1/4	2,108.55	1/4	1,799.30	1/4	1,490.05	1/4	1,180.80	1/4	872.28	1/4	573.20	1/4	264.02	1/4		1/4			
1/2	2,102.11	1/2	1,792.86	1/2	1,483.61	1/2	1,174.36	1/2	866.01	1/2	566.81	1/2	257.57	1/2		1/2			
3/4	2,095.67	3/4	1,786.42	3/4	1,477.17	3/4	1,167.92	3/4	859.79	3/4	560.37	3/4	251.13	3/4		3/4			
6	2,089.22	6	1,779.97	6	1,470.72	6	1,161.47	6	853.58	6	553.93	6	244.69	6		6			
1/4	2,082.78	1/4	1,773.53	1/4	1,464.28	1/4	1,155.03	1/4	847.36	1/4	547.49	1/4	238.25	1/4		1/4			
1/2	2,076.34	1/2	1,767.09	1/2	1,457.84	1/2	1,148.59	1/2	841.14	1/2	541.04	1/2	231.80	1/2		1/2			
3/4	2,069.89	3/4	1,760.65	3/4	1,451.40	3/4	1,142.15	3/4	834.92	3/4	534.60	3/4	225.36	3/4		3/4			
7	2,063.45	7	1,754.20	7	1,444.95	7	1,135.70	7	828.71	7	528.16	7	218.92	7		7			
1/4	2,057.01	1/4	1,747.76	1/4	1,438.51	1/4	1,129.26	1/4	822.49	1/4	521.72	1/4	212.48	1/4		1/4			
1/2	2,050.57	1/2	1,741.32	1/2	1,432.07	1/2	1,122.82	1/2	816.27	1/2	515.27	1/2	206.03	1/2		1/2			
3/4	2,044.12	3/4	1,734.87	3/4	1,425.62	3/4	1,116.38	3/4	810.05	3/4	508.83	3/4	199.59	3/4		3/4			
8	2,037.68	8	1,728.43	8	1,419.18	8	1,109.93	8	803.84	8	502.39	8	193.15	8		8			
1/4	2,031.24	1/4	1,721.99	1/4	1,412.74	1/4	1,103.49	1/4	797.62	1/4	495.95	1/4	186.71	1/4		1/4			
1/2	2,024.80	1/2	1,715.55	1/2	1,406.30	1/2	1,097.05	1/2	791.41	1/2	489.50	1/2	180.26	1/2		1/2			
3/4	2,018.35	3/4	1,709.10	3/4	1,399.85	3/4	1,090.60	3/4	785.19	3/4	483.06	3/4	173.82	3/4		3/4			
9	2,011.91	9	1,702.66	9	1,393.41	9	1,084.16	9	778.98	9	476.62	9	167.38	9		9			
1/4	2,005.47	1/4	1,696.22	1/4	1,386.97	1/4	1,077.72	1/4	772.76	1/4	470.18	1/4	160.94	1/4		1/4			
1/2	1,999.02	1/2	1,689.78	1/2	1,380.53	1/2	1,071.28	1/2	766.55	1/2	463.73	1/2	154.50	1/2		1/2			
3/4	1,992.58	3/4	1,683.33	3/4	1,374.08	3/4	1,064.83	3/4	760.34	3/4	457.29	3/4	148.07	3/4		3/4			
10	1,986.14	10	1,676.89	10	1,367.64	10	1,058.39	10	754.12	10	450.85	10	141.63	10		10			
1/4	1,979.70	1/4	1,670.45	1/4	1,361.20	1/4	1,051.95	1/4	747.91	1/4	444.41	1/4	135.20	1/4		1/4			
1/2	1,973.25	1/2	1,664.00	1/2	1,354.75	1/2	1,045.51	1/2	741.70	1/2	437.96	1/2	128.77	1/2		1/2			
3/4	1,966.81	3/4	1,657.56	3/4	1,348.31	3/4	1,039.06	3/4	735.48	3/4	431.52	3/4	122.34	3/4		3/4			
11	1,960.37	11	1,651.12	11	1,341.87	11	1,032.62	11	729.27	11	425.08	11	115.92	11		11			
1/4	1,953.93	1/4	1,644.68	1/4	1,335.43	1/4	1,026.18	1/4	723.06	1/4	418.64	1/4	109.49	1/4		1/4			
1/2	1,947.48	1/2	1,638.23	1/2	1,328.98	1/2	1,019.73	1/2	716.84	1/2	412.19	1/2	103.07	1/2		1/2			
3/4	1,941.04	3/4	1,631.79	3/4	1,322.54	3/4	1,013.29	3/4	710.63	3/4	405.75	3/4	96.66	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 354"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0		0		0	4,074.58	0	3,791.66	0	3,508.78	0	3,225.16	0	2,940.37	0	2,655.57	0	2,370.78		
1/4		1/4		1/4	1/4	1/4	4,068.68	1/4	3,785.76	1/4	3,502.89	1/4	3,219.23	1/4	2,934.43	1/4	2,649.64	1/4	2,364.85		
1/2		1/2		1/2	1/2	1/2	4,062.78	1/2	3,779.87	1/2	3,496.99	1/2	3,213.29	1/2	2,928.50	1/2	2,643.71	1/2	2,358.91		
3/4		3/4		3/4	3/4	3/4	4,056.88	3/4	3,773.98	3/4	3,491.10	3/4	3,207.36	3/4	2,922.57	3/4	2,637.77	3/4	2,352.98		
1		1		1		1	4,050.98	1	3,768.08	1	3,485.21	1	3,201.43	1	2,916.63	1	2,631.84	1	2,347.05		
1/4		1/4		1/4	1/4	1/4	4,045.08	1/4	3,762.19	1/4	3,479.31	1/4	3,195.49	1/4	2,910.70	1/4	2,625.91	1/4	2,341.11		
1/2		1/2		1/2	1/2	1/2	4,039.18	1/2	3,756.30	1/2	3,473.42	1/2	3,189.56	1/2	2,904.77	1/2	2,619.97	1/2	2,335.18		
3/4		3/4		3/4	3/4	3/4	4,033.28	3/4	3,750.40	3/4	3,467.53	3/4	3,183.63	3/4	2,898.83	3/4	2,614.04	3/4	2,329.25		
2		2		2		2	4,027.39	2	3,744.51	2	3,461.63	2	3,177.69	2	2,892.90	2	2,608.11	2	2,323.31		
1/4		1/4		1/4	1/4	1/4	4,021.50	1/4	3,738.62	1/4	3,455.74	1/4	3,171.76	1/4	2,886.97	1/4	2,602.17	1/4	2,317.38		
1/2		1/2		1/2	1/2	1/2	4,015.60	1/2	3,732.72	1/2	3,449.85	1/2	3,165.83	1/2	2,881.03	1/2	2,596.24	1/2	2,311.45		
3/4		3/4		3/4	3/4	3/4	4,009.71	3/4	3,726.83	3/4	3,443.95	3/4	3,159.90	3/4	2,875.10	3/4	2,590.31	3/4	2,305.51		
3		3		3		3	4,003.82	3	3,720.94	3	3,438.06	3	3,153.96	3	2,869.17	3	2,584.37	3	2,299.58		
1/4		1/4		1/4	1/4	1/4	3,997.92	1/4	3,715.05	1/4	3,432.17	1/4	3,148.03	1/4	2,863.24	1/4	2,578.44	1/4	2,293.65		
1/2		1/2		1/2	1/2	1/2	3,992.03	1/2	3,709.15	1/2	3,426.27	1/2	3,142.10	1/2	2,857.30	1/2	2,572.51	1/2	2,287.71		
3/4		3/4		3/4	3/4	3/4	3,986.14	3/4	3,703.26	3/4	3,420.38	3/4	3,136.16	3/4	2,851.37	3/4	2,566.58	3/4	2,281.78		
4		4		4		4	3,980.24	4	3,697.37	4	3,414.49	4	3,130.23	4	2,845.44	4	2,560.64	4	2,275.85		
1/4		1/4		1/4	1/4	1/4	3,974.35	1/4	3,691.47	1/4	3,408.59	1/4	3,124.30	1/4	2,839.50	1/4	2,554.71	1/4	2,269.92		
1/2		1/2		1/2	1/2	1/2	3,968.46	1/2	3,685.58	1/2	3,402.70	1/2	3,118.36	1/2	2,833.57	1/2	2,548.78	1/2	2,263.98		
3/4		3/4		3/4	3/4	3/4	3,962.56	3/4	3,679.69	3/4	3,396.81	3/4	3,112.43	3/4	2,827.64	3/4	2,542.84	3/4	2,258.05		
5		5		5		5	3,956.67	5	3,673.79	5	3,390.91	5	3,106.50	5	2,821.70	5	2,536.91	5	2,252.11		
1/4		1/4		1/4	1/4	1/4	3,950.78	1/4	3,667.90	1/4	3,385.02	1/4	3,100.56	1/4	2,815.77	1/4	2,530.98	1/4	2,246.18		
1/2		1/2		1/2	1/2	1/2	3,944.88	1/2	3,662.01	1/2	3,379.13	1/2	3,094.63	1/2	2,809.84	1/2	2,525.04	1/2	2,240.24		
3/4		3/4		3/4	3/4	3/4	3,938.99	3/4	3,656.11	3/4	3,373.23	3/4	3,088.70	3/4	2,803.90	3/4	2,519.11	3/4	2,234.30		
6		6		6		6	3,933.10	6	3,650.22	6	3,367.34	6	3,082.76	6	2,797.97	6	2,513.18	6	2,228.36		
1/4		1/4		1/4	1/4	1/4	3,927.20	1/4	3,644.33	1/4	3,361.45	1/4	3,076.83	1/4	2,792.04	1/4	2,507.24	1/4	2,222.41		
1/2		1/2		1/2	1/2	1/2	3,921.31	1/2	3,638.43	1/2	3,355.55	1/2	3,070.90	1/2	2,786.10	1/2	2,501.31	1/2	2,216.47		
3/4		3/4		3/4	3/4	3/4	3,915.42	3/4	3,632.54	3/4	3,349.66	3/4	3,064.96	3/4	2,780.17	3/4	2,495.38	3/4	2,210.53		
7		7		7		7	3,909.52	7	3,626.65	7	3,343.75	7	3,059.03	7	2,774.24	7	2,489.44	7	2,204.58		
1/4		1/4		1/4	1/4	1/4	4,169.47	1/4	3,903.63	1/4	3,620.75	1/4	3,337.84	1/4	3,053.10	1/4	2,768.30	1/4	2,483.51	1/4	2,198.64
1/2		1/2		1/2	1/2	1/2	4,166.63	1/2	3,897.74	1/2	3,614.86	1/2	3,331.93	1/2	3,047.16	1/2	2,762.37	1/2	2,477.58	1/2	2,192.70
3/4		3/4		3/4	3/4	3/4	4,163.79	3/4	3,891.84	3/4	3,608.97	3/4	3,326.02	3/4	3,041.23	3/4	2,756.44	3/4	2,471.64	3/4	2,186.75
8		8		8		8	4,159.75	8	3,885.95	8	3,603.07	8	3,320.09	8	3,035.30	8	2,750.50	8	2,465.71	8	2,180.81
1/4		1/4		1/4	1/4	1/4	4,155.72	1/4	3,880.06	1/4	3,597.18	1/4	3,314.16	1/4	3,029.36	1/4	2,744.57	1/4	2,459.78	1/4	2,174.86
1/2		1/2		1/2	1/2	1/2	4,151.69	1/2	3,874.16	1/2	3,591.29	1/2	3,308.23	1/2	3,023.43	1/2	2,738.64	1/2	2,453.84	1/2	2,168.92
3/4		3/4		3/4	3/4	3/4	4,147.66	3/4	3,868.27	3/4	3,585.39	3/4	3,302.29	3/4	3,017.50	3/4	2,732.70	3/4	2,447.91	3/4	2,162.98
9		9		9		9	4,142.53	9	3,862.38	9	3,579.50	9	3,296.36	9	3,011.57	9	2,726.77	9	2,441.98	9	2,157.03
1/4		1/4		1/4	1/4	1/4	4,137.39	1/4	3,856.48	1/4	3,573.61	1/4	3,290.43	1/4	3,005.63	1/4	2,720.84	1/4	2,436.04	1/4	2,151.09
1/2		1/2		1/2	1/2	1/2	4,132.26	1/2	3,850.59	1/2	3,567.71	1/2	3,284.49	1/2	2,999.70	1/2	2,714.91	1/2	2,430.11	1/2	2,145.15
3/4		3/4		3/4	3/4	3/4	4,127.12	3/4	3,844.70	3/4	3,561.82	3/4	3,278.56	3/4	2,993.77	3/4	2,708.97	3/4	2,424.18	3/4	2,139.20
10		10		10		10	4,121.36	10	3,838.80	10	3,555.93	10	3,272.63	10	2,987.83	10	2,703.04	10	2,418.25	10	2,133.26
1/4		1/4		1/4	1/4	1/4	4,115.59	1/4	3,832.91	1/4	3,550.03	1/4	3,266.69	1/4	2,981.90	1/4	2,697.11	1/4	2,412.31	1/4	2,127.31
1/2		1/2		1/2	1/2	1/2	4,109.82	1/2	3,827.02	1/2	3,544.14	1/2	3,260.76	1/2	2,975.97	1/2	2,691.17	1/2	2,406.38	1/2	2,121.37
3/4		3/4		3/4	3/4	3/4	4,104.06	3/4	3,821.12	3/4	3,538.25	3/4	3,254.83	3/4	2,970.03	3/4	2,685.24	3/4	2,400.45	3/4	2,115.43
11		11		11		11	4,098.16	11	3,815.23	11	3,532.35	11	3,248.89	11	2,964.10	11	2,679.31	11	2,394.51	11	2,109.48
1/4		1/4		1/4	1/4	1/4	4,092.27	1/4	3,809.34	1/4	3,526.46	1/4	3,242.96	1/4	2,958.17	1/4	2,673.37	1/4	2,388.58	1/4	2,103.54
1/2		1/2		1/2	1/2	1/2	4,086.38	1/2	3,803.44	1/2	3,520.57	1/2	3,237.03	1/2	2,952.23	1/2	2,667.44	1/2	2,382.65	1/2	2,097.60
3/4		3/4		3/4	3/4	3/4	4,080.48	3/4	3,797.55	3/4	3,514.67	3/4	3,231.09	3/4	2,946.30	3/4	2,661.51	3/4	2,376.71	3/4	2,091.65

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 WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "WEB 354"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,085.71	0	1,800.41	0	1,515.11	0	1,229.82	0	944.52	0	659.40	0	374.36	0	89.22	0			
1/4	2,079.77	1/4	1,794.47	1/4	1,509.17	1/4	1,223.87	1/4	938.57	1/4	653.47	1/4	368.42	1/4	83.31	1/4			
1/2	2,073.82	1/2	1,788.52	1/2	1,503.23	1/2	1,217.93	1/2	932.63	1/2	647.54	1/2	362.47	1/2	77.40	1/2			
3/4	2,067.88	3/4	1,782.58	3/4	1,497.28	3/4	1,211.98	3/4	926.69	3/4	641.61	3/4	356.53	3/4	71.48	3/4			
1	2,061.93	1	1,776.64	1	1,491.34	1	1,206.04	1	920.74	1	635.68	1	350.59	1	65.60	1			
1/4	2,055.99	1/4	1,770.69	1/4	1,485.40	1/4	1,200.10	1/4	914.80	1/4	629.75	1/4	344.64	1/4	59.72	1/4			
1/2	2,050.05	1/2	1,764.75	1/2	1,479.45	1/2	1,194.15	1/2	908.86	1/2	623.82	1/2	338.70	1/2	53.83	1/2			
3/4	2,044.10	3/4	1,758.81	3/4	1,473.51	3/4	1,188.21	3/4	902.91	3/4	617.89	3/4	332.76	3/4	47.95	3/4			
2	2,038.16	2	1,752.86	2	1,467.56	2	1,182.27	2	896.97	2	611.96	2	326.81	2	42.54	2			
1/4	2,032.22	1/4	1,746.92	1/4	1,461.62	1/4	1,176.32	1/4	891.03	1/4	606.03	1/4	320.87	1/4	37.13	1/4			
1/2	2,026.27	1/2	1,740.97	1/2	1,455.68	1/2	1,170.38	1/2	885.08	1/2	600.09	1/2	314.93	1/2	31.72	1/2			
3/4	2,020.33	3/4	1,735.03	3/4	1,449.73	3/4	1,164.44	3/4	879.14	3/4	594.16	3/4	308.98	3/4	26.31	3/4			
3	2,014.38	3	1,729.09	3	1,443.79	3	1,158.49	3	873.19	3	588.23	3	303.04	3	22.35	3			
1/4	2,008.44	1/4	1,723.14	1/4	1,437.85	1/4	1,152.55	1/4	867.25	1/4	582.30	1/4	297.10	1/4	18.39	1/4			
1/2	2,002.50	1/2	1,717.20	1/2	1,431.90	1/2	1,146.60	1/2	861.31	1/2	576.37	1/2	291.15	1/2	14.43	1/2			
3/4	1,996.55	3/4	1,711.26	3/4	1,425.96	3/4	1,140.66	3/4	855.36	3/4	570.44	3/4	285.21	3/4	10.47	3/4			
4	1,990.61	4	1,705.31	4	1,420.01	4	1,134.72	4	849.42	4	564.51	4	279.27	4		4			
1/4	1,984.67	1/4	1,699.37	1/4	1,414.07	1/4	1,128.77	1/4	843.48	1/4	558.58	1/4	273.32	1/4		1/4			
1/2	1,978.72	1/2	1,693.42	1/2	1,408.13	1/2	1,122.83	1/2	837.53	1/2	552.64	1/2	267.38	1/2		1/2			
3/4	1,972.78	3/4	1,687.48	3/4	1,402.18	3/4	1,116.89	3/4	831.59	3/4	546.71	3/4	261.44	3/4		3/4			
5	1,966.83	5	1,681.54	5	1,396.24	5	1,110.94	5	825.64	5	540.77	5	255.49	5	5	5			
1/4	1,960.89	1/4	1,675.59	1/4	1,390.30	1/4	1,105.00	1/4	819.70	1/4	534.83	1/4	249.55	1/4		1/4			
1/2	1,954.95	1/2	1,669.65	1/2	1,384.35	1/2	1,099.05	1/2	813.76	1/2	528.89	1/2	243.61	1/2		1/2			
3/4	1,949.00	3/4	1,663.71	3/4	1,378.41	3/4	1,093.11	3/4	807.81	3/4	522.95	3/4	237.66	3/4		3/4			
6	1,943.06	6	1,657.76	6	1,372.46	6	1,087.17	6	801.87	6	517.00	6	231.72	6	6	6			
1/4	1,937.12	1/4	1,651.82	1/4	1,366.52	1/4	1,081.22	1/4	795.93	1/4	511.06	1/4	225.78	1/4		1/4			
1/2	1,931.17	1/2	1,645.88	1/2	1,360.58	1/2	1,075.28	1/2	789.98	1/2	505.12	1/2	219.83	1/2		1/2			
3/4	1,925.23	3/4	1,639.93	3/4	1,354.63	3/4	1,069.34	3/4	784.04	3/4	499.17	3/4	213.89	3/4		3/4			
7	1,919.29	7	1,633.99	7	1,348.69	7	1,063.39	7	778.09	7	493.23	7	207.95	7	7	7			
1/4	1,913.34	1/4	1,628.04	1/4	1,342.75	1/4	1,057.45	1/4	772.15	1/4	487.29	1/4	202.00	1/4		1/4			
1/2	1,907.40	1/2	1,622.10	1/2	1,336.80	1/2	1,051.50	1/2	766.21	1/2	481.34	1/2	196.06	1/2		1/2			
3/4	1,901.45	3/4	1,616.16	3/4	1,330.86	3/4	1,045.56	3/4	760.26	3/4	475.40	3/4	190.12	3/4		3/4			
8	1,895.51	8	1,610.21	8	1,324.92	8	1,039.62	8	754.32	8	469.46	8	184.17	8	8	8			
1/4	1,889.57	1/4	1,604.27	1/4	1,318.97	1/4	1,033.67	1/4	748.38	1/4	463.51	1/4	178.23	1/4		1/4			
1/2	1,883.62	1/2	1,598.33	1/2	1,313.03	1/2	1,027.73	1/2	742.44	1/2	457.57	1/2	172.29	1/2		1/2			
3/4	1,877.68	3/4	1,592.38	3/4	1,307.08	3/4	1,021.79	3/4	736.50	3/4	451.63	3/4	166.34	3/4		3/4			
9	1,871.74	9	1,586.44	9	1,301.14	9	1,015.84	9	730.57	9	445.68	9	160.40	9	9	9			
1/4	1,865.79	1/4	1,580.49	1/4	1,295.20	1/4	1,009.90	1/4	724.64	1/4	439.74	1/4	154.46	1/4		1/4			
1/2	1,859.85	1/2	1,574.55	1/2	1,289.25	1/2	1,003.96	1/2	718.70	1/2	433.80	1/2	148.52	1/2		1/2			
3/4	1,853.90	3/4	1,568.61	3/4	1,283.31	3/4	998.01	3/4	712.77	3/4	427.85	3/4	142.58	3/4		3/4			
10	1,847.96	10	1,562.66	10	1,277.37	10	992.07	10	706.84	10	421.91	10	136.64	10	10	10			
1/4	1,842.02	1/4	1,556.72	1/4	1,271.42	1/4	986.12	1/4	700.91	1/4	415.96	1/4	130.71	1/4		1/4			
1/2	1,836.07	1/2	1,550.78	1/2	1,265.48	1/2	980.18	1/2	694.98	1/2	410.02	1/2	124.77	1/2		1/2			
3/4	1,830.13	3/4	1,544.83	3/4	1,259.53	3/4	974.24	3/4	689.05	3/4	404.08	3/4	118.83	3/4		3/4			
11	1,824.19	11	1,538.89	11	1,253.59	11	968.29	11	683.12	11	398.13	11	112.91	11	11	11			
1/4	1,818.24	1/4	1,532.94	1/4	1,247.65	1/4	962.35	1/4	677.19	1/4	392.19	1/4	106.98	1/4		1/4			
1/2	1,812.30	1/2	1,527.00	1/2	1,241.70	1/2	956.41	1/2	671.26	1/2	386.25	1/2	101.05	1/2		1/2			
3/4	1,806.35	3/4	1,521.06	3/4	1,235.76	3/4	950.46	3/4	665.33	3/4	380.30	3/4	95.13	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2015 SW
CALCULATED: 09/19/2015 CL
PRINTED: 09/19/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "WEB 354"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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		0		0	4,055.70	0	3,772.97	0	3,490.26	0	3,206.75	0	2,922.14	0	2,637.52	0	2,352.90
1/4		1/4		1/4		1/4	4,049.81	1/4	3,767.08	1/4	3,484.37	1/4	3,200.82	1/4	2,916.21	1/4	2,631.59	1/4	2,346.97
1/2		1/2		1/2		1/2	4,043.91	1/2	3,761.19	1/2	3,478.48	1/2	3,194.89	1/2	2,910.28	1/2	2,625.66	1/2	2,341.05
3/4		3/4		3/4		3/4	4,038.02	3/4	3,755.30	3/4	3,472.59	3/4	3,188.96	3/4	2,904.35	3/4	2,619.73	3/4	2,335.12
1		1		1		1	4,032.12	1	3,749.41	1	3,466.70	1	3,183.03	1	2,898.42	1	2,613.80	1	2,329.19
1/4		1/4		1/4		1/4	4,026.23	1/4	3,743.52	1/4	3,460.81	1/4	3,177.10	1/4	2,892.49	1/4	2,607.87	1/4	2,323.26
1/2		1/2		1/2		1/2	4,020.34	1/2	3,737.63	1/2	3,454.92	1/2	3,171.18	1/2	2,886.56	1/2	2,601.94	1/2	2,317.33
3/4		3/4		3/4		3/4	4,014.45	3/4	3,731.74	3/4	3,449.03	3/4	3,165.25	3/4	2,880.63	3/4	2,596.01	3/4	2,311.40
2		2		2		2	4,008.56	2	3,725.85	2	3,443.14	2	3,159.32	2	2,874.70	2	2,590.08	2	2,305.47
1/4		1/4		1/4		1/4	4,002.67	1/4	3,719.96	1/4	3,437.25	1/4	3,153.39	1/4	2,868.77	1/4	2,584.15	1/4	2,299.54
1/2		1/2		1/2		1/2	3,996.78	1/2	3,714.07	1/2	3,431.36	1/2	3,147.46	1/2	2,862.84	1/2	2,578.23	1/2	2,293.61
3/4		3/4		3/4		3/4	3,990.89	3/4	3,708.18	3/4	3,425.47	3/4	3,141.53	3/4	2,856.91	3/4	2,572.30	3/4	2,287.68
3		3		3		3	3,985.00	3	3,702.29	3	3,419.58	3	3,135.60	3	2,850.98	3	2,566.37	3	2,281.75
1/4		1/4		1/4		1/4	3,979.11	1/4	3,696.40	1/4	3,413.69	1/4	3,129.67	1/4	2,845.05	1/4	2,560.44	1/4	2,275.82
1/2		1/2		1/2		1/2	3,973.22	1/2	3,690.51	1/2	3,407.80	1/2	3,123.74	1/2	2,839.12	1/2	2,554.51	1/2	2,269.89
3/4		3/4		3/4		3/4	3,967.33	3/4	3,684.62	3/4	3,401.91	3/4	3,117.81	3/4	2,833.19	3/4	2,548.58	3/4	2,263.96
4		4		4		4	3,961.44	4	3,678.73	4	3,396.02	4	3,111.88	4	2,827.26	4	2,542.65	4	2,258.03
1/4		1/4		1/4		1/4	3,955.55	1/4	3,672.84	1/4	3,390.13	1/4	3,105.95	1/4	2,821.33	1/4	2,536.72	1/4	2,252.10
1/2		1/2		1/2		1/2	3,949.66	1/2	3,666.95	1/2	3,384.24	1/2	3,100.02	1/2	2,815.41	1/2	2,530.79	1/2	2,246.17
3/4		3/4		3/4		3/4	3,943.77	3/4	3,661.06	3/4	3,378.35	3/4	3,094.09	3/4	2,809.48	3/4	2,524.86	3/4	2,240.24
5		5		5		5	3,937.88	5	3,655.17	5	3,372.46	5	3,088.16	5	2,803.55	5	2,518.93	5	2,234.31
1/4		1/4		1/4		1/4	3,931.99	1/4	3,649.28	1/4	3,366.57	1/4	3,082.23	1/4	2,797.62	1/4	2,513.00	1/4	2,228.38
1/2		1/2		1/2		1/2	3,926.10	1/2	3,643.39	1/2	3,360.68	1/2	3,076.30	1/2	2,791.69	1/2	2,507.07	1/2	2,222.45
3/4		3/4		3/4		3/4	3,920.21	3/4	3,637.50	3/4	3,354.79	3/4	3,070.37	3/4	2,785.76	3/4	2,501.14	3/4	2,216.51
6		6		6		6	3,914.32	6	3,631.61	6	3,348.90	6	3,064.44	6	2,779.83	6	2,495.21	6	2,210.57
1/4		1/4		1/4		1/4	3,908.43	1/4	3,625.72	1/4	3,343.01	1/4	3,058.51	1/4	2,773.90	1/4	2,489.28	1/4	2,204.63
1/2		1/2		1/2		1/2	3,902.54	1/2	3,619.83	1/2	3,337.12	1/2	3,052.59	1/2	2,767.97	1/2	2,483.35	1/2	2,198.69
3/4		3/4		3/4		3/4	3,896.65	3/4	3,613.94	3/4	3,331.21	3/4	3,046.66	3/4	2,762.04	3/4	2,477.42	3/4	2,192.75
7		7		7	4,156.43	7	3,890.76	7	3,608.05	7	3,325.30	7	3,040.73	7	2,756.11	7	2,471.49	7	2,186.81
1/4		1/4		1/4	4,153.59	1/4	3,884.87	1/4	3,602.16	1/4	3,319.39	1/4	3,034.80	1/4	2,750.18	1/4	2,465.56	1/4	2,180.87
1/2		1/2		1/2	4,150.75	1/2	3,878.98	1/2	3,596.27	1/2	3,313.48	1/2	3,028.87	1/2	2,744.25	1/2	2,459.64	1/2	2,174.92
3/4		3/4		3/4	4,146.72	3/4	3,873.09	3/4	3,590.38	3/4	3,307.55	3/4	3,022.94	3/4	2,738.32	3/4	2,453.71	3/4	2,168.98
8		8		8	4,142.70	8	3,867.20	8	3,584.49	8	3,301.62	8	3,017.01	8	2,732.39	8	2,447.78	8	2,163.04
1/4		1/4		1/4	4,138.67	1/4	3,861.31	1/4	3,578.60	1/4	3,295.69	1/4	3,011.08	1/4	2,726.46	1/4	2,441.85	1/4	2,157.10
1/2		1/2		1/2	4,134.64	1/2	3,855.42	1/2	3,572.71	1/2	3,289.77	1/2	3,005.15	1/2	2,720.53	1/2	2,435.92	1/2	2,151.16
3/4		3/4		3/4	4,129.51	3/4	3,849.53	3/4	3,566.82	3/4	3,283.84	3/4	2,999.22	3/4	2,714.60	3/4	2,429.99	3/4	2,145.22
9		9		9	4,124.38	9	3,843.64	9	3,560.93	9	3,277.91	9	2,993.29	9	2,708.67	9	2,424.06	9	2,139.28
1/4		1/4		1/4	4,119.24	1/4	3,837.75	1/4	3,555.04	1/4	3,271.98	1/4	2,987.36	1/4	2,702.74	1/4	2,418.13	1/4	2,133.34
1/2		1/2		1/2	4,114.11	1/2	3,831.86	1/2	3,549.15	1/2	3,266.05	1/2	2,981.43	1/2	2,696.82	1/2	2,412.20	1/2	2,127.40
3/4		3/4		3/4	4,108.35	3/4	3,825.97	3/4	3,543.26	3/4	3,260.12	3/4	2,975.50	3/4	2,690.89	3/4	2,406.27	3/4	2,121.46
10		10		10	4,102.59	10	3,820.08	10	3,537.37	10	3,254.19	10	2,969.57	10	2,684.96	10	2,400.34	10	2,115.52
1/4		1/4		1/4	4,096.82	1/4	3,814.19	1/4	3,531.48	1/4	3,248.26	1/4	2,963.64	1/4	2,679.03	1/4	2,394.41	1/4	2,109.58
1/2		1/2		1/2	4,091.06	1/2	3,808.30	1/2	3,525.59	1/2	3,242.33	1/2	2,957.71	1/2	2,673.10	1/2	2,388.48	1/2	2,103.64
3/4		3/4		3/4	4,085.17	3/4	3,802.41	3/4	3,519.70	3/4	3,236.40	3/4	2,951.78	3/4	2,667.17	3/4	2,382.55	3/4	2,097.70
11		11		11	4,079.28	11	3,796.52	11	3,513.81	11	3,230.47	11	2,945.85	11	2,661.24	11	2,376.62	11	2,091.76
1/4		1/4		1/4	4,073.39	1/4	3,790.63	1/4	3,507.92	1/4	3,224.54	1/4	2,939.92	1/4	2,655.31	1/4	2,370.69	1/4	2,085.82
1/2		1/2		1/2	4,067.50	1/2	3,784.75	1/2	3,502.03	1/2	3,218.61	1/2	2,934.00	1/2	2,649.38	1/2	2,364.76	1/2	2,079.88
3/4		3/4		3/4	4,061.60	3/4	3,778.86	3/4	3,496.14	3/4	3,212.68	3/4	2,928.07	3/4	2,643.45	3/4	2,358.83	3/4	2,073.94

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 WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "WEB 354"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,068.00	0	1,782.88	0	1,497.75	0	1,212.63	0	927.50	0	649.19	0	368.19	0	83.26	0		0	
1/4	2,062.06	1/4	1,776.94	1/4	1,491.81	1/4	1,206.69	1/4	921.56	1/4	643.47	1/4	362.25	1/4	77.35	1/4		1/4	
1/2	2,056.12	1/2	1,771.00	1/2	1,485.87	1/2	1,200.75	1/2	915.62	1/2	637.76	1/2	356.31	1/2	71.44	1/2		1/2	
3/4	2,050.18	3/4	1,765.06	3/4	1,479.93	3/4	1,194.81	3/4	909.68	3/4	632.05	3/4	350.37	3/4	65.56	3/4		3/4	
1	2,044.24	1	1,759.12	1	1,473.99	1	1,188.87	1	903.74	1	626.34	1	344.43	1	59.68	1		1	
1/4	2,038.30	1/4	1,753.18	1/4	1,468.05	1/4	1,182.93	1/4	897.80	1/4	620.63	1/4	338.49	1/4	53.80	1/4		1/4	
1/2	2,032.36	1/2	1,747.24	1/2	1,462.11	1/2	1,176.99	1/2	891.86	1/2	614.92	1/2	332.55	1/2	47.92	1/2		1/2	
3/4	2,026.42	3/4	1,741.30	3/4	1,456.17	3/4	1,171.05	3/4	885.92	3/4	609.21	3/4	326.61	3/4	42.51	3/4		3/4	
2	2,020.48	2	1,735.36	2	1,450.23	2	1,165.11	2	879.98	2	603.50	2	320.67	2	37.11	2		2	
1/4	2,014.54	1/4	1,729.42	1/4	1,444.29	1/4	1,159.17	1/4	874.04	1/4	597.79	1/4	314.74	1/4	31.70	1/4		1/4	
1/2	2,008.60	1/2	1,723.48	1/2	1,438.35	1/2	1,153.23	1/2	868.10	1/2	592.08	1/2	308.80	1/2	26.29	1/2		1/2	
3/4	2,002.66	3/4	1,717.54	3/4	1,432.41	3/4	1,147.29	3/4	862.16	3/4	586.37	3/4	302.86	3/4	22.34	3/4		3/4	
3	1,996.72	3	1,711.60	3	1,426.47	3	1,141.35	3	856.22	3	580.65	3	296.92	3	18.38	3		3	
1/4	1,990.78	1/4	1,705.66	1/4	1,420.53	1/4	1,135.41	1/4	850.28	1/4	574.94	1/4	290.98	1/4	14.42	1/4		1/4	
1/2	1,984.84	1/2	1,699.72	1/2	1,414.59	1/2	1,129.47	1/2	844.34	1/2	569.23	1/2	285.04	1/2	10.46	1/2		1/2	
3/4	1,978.90	3/4	1,693.78	3/4	1,408.65	3/4	1,123.53	3/4	838.46	3/4	563.46	3/4	279.10	3/4		3/4		3/4	
4	1,972.96	4	1,687.84	4	1,402.71	4	1,117.59	4	832.57	4	557.70	4	273.16	4		4		4	
1/4	1,967.02	1/4	1,681.90	1/4	1,396.77	1/4	1,111.65	1/4	826.69	1/4	551.93	1/4	267.22	1/4		1/4		1/4	
1/2	1,961.08	1/2	1,675.96	1/2	1,390.83	1/2	1,105.71	1/2	820.81	1/2	546.16	1/2	261.28	1/2		1/2		1/2	
3/4	1,955.14	3/4	1,670.02	3/4	1,384.89	3/4	1,099.77	3/4	815.04	3/4	540.28	3/4	255.34	3/4		3/4		3/4	
5	1,949.20	5	1,664.08	5	1,378.95	5	1,093.83	5	809.26	5	534.39	5	249.40	5		5		5	
1/4	1,943.26	1/4	1,658.14	1/4	1,373.01	1/4	1,087.89	1/4	803.49	1/4	528.51	1/4	243.46	1/4		1/4		1/4	
1/2	1,937.32	1/2	1,652.20	1/2	1,367.07	1/2	1,081.95	1/2	797.72	1/2	522.63	1/2	237.52	1/2		1/2		1/2	
3/4	1,931.38	3/4	1,646.26	3/4	1,361.13	3/4	1,076.01	3/4	792.01	3/4	516.69	3/4	231.58	3/4		3/4		3/4	
6	1,925.44	6	1,640.32	6	1,355.19	6	1,070.07	6	786.29	6	510.75	6	225.64	6		6		6	
1/4	1,919.50	1/4	1,634.38	1/4	1,349.25	1/4	1,064.13	1/4	780.58	1/4	504.81	1/4	219.70	1/4		1/4		1/4	
1/2	1,913.56	1/2	1,628.44	1/2	1,343.31	1/2	1,058.19	1/2	774.86	1/2	498.87	1/2	213.76	1/2		1/2		1/2	
3/4	1,907.62	3/4	1,622.50	3/4	1,337.37	3/4	1,052.25	3/4	769.14	3/4	492.93	3/4	207.82	3/4		3/4		3/4	
7	1,901.68	7	1,616.56	7	1,331.43	7	1,046.31	7	763.43	7	486.99	7	201.88	7		7		7	
1/4	1,895.74	1/4	1,610.62	1/4	1,325.49	1/4	1,040.37	1/4	757.71	1/4	481.05	1/4	195.94	1/4		1/4		1/4	
1/2	1,889.80	1/2	1,604.68	1/2	1,319.55	1/2	1,034.43	1/2	752.00	1/2	475.11	1/2	190.00	1/2		1/2		1/2	
3/4	1,883.86	3/4	1,598.74	3/4	1,313.61	3/4	1,028.49	3/4	746.28	3/4	469.17	3/4	184.06	3/4		3/4		3/4	
8	1,877.92	8	1,592.80	8	1,307.67	8	1,022.55	8	740.57	8	463.23	8	178.12	8		8		8	
1/4	1,871.98	1/4	1,586.86	1/4	1,301.73	1/4	1,016.61	1/4	734.86	1/4	457.29	1/4	172.18	1/4		1/4		1/4	
1/2	1,866.04	1/2	1,580.91	1/2	1,295.79	1/2	1,010.67	1/2	729.14	1/2	451.35	1/2	166.24	1/2		1/2		1/2	
3/4	1,860.10	3/4	1,574.97	3/4	1,289.85	3/4	1,004.73	3/4	723.43	3/4	445.41	3/4	160.30	3/4		3/4		3/4	
9	1,854.16	9	1,569.03	9	1,283.91	9	998.79	9	717.72	9	439.47	9	154.37	9		9		9	
1/4	1,848.22	1/4	1,563.09	1/4	1,277.97	1/4	992.85	1/4	712.01	1/4	433.53	1/4	148.43	1/4		1/4		1/4	
1/2	1,842.28	1/2	1,557.15	1/2	1,272.03	1/2	986.90	1/2	706.29	1/2	427.59	1/2	142.49	1/2		1/2		1/2	
3/4	1,836.34	3/4	1,551.21	3/4	1,266.09	3/4	980.96	3/4	700.58	3/4	421.65	3/4	136.56	3/4		3/4		3/4	
10	1,830.40	10	1,545.27	10	1,260.15	10	975.02	10	694.87	10	415.71	10	130.63	10		10		10	
1/4	1,824.46	1/4	1,539.33	1/4	1,254.21	1/4	969.08	1/4	689.16	1/4	409.77	1/4	124.69	1/4		1/4		1/4	
1/2	1,818.52	1/2	1,533.39	1/2	1,248.27	1/2	963.14	1/2	683.45	1/2	403.83	1/2	118.76	1/2		1/2		1/2	
3/4	1,812.58	3/4	1,527.45	3/4	1,242.33	3/4	957.20	3/4	677.74	3/4	397.89	3/4	112.84	3/4		3/4		3/4	
11	1,806.64	11	1,521.51	11	1,236.39	11	951.26	11	672.03	11	391.95	11	106.92	11		11		11	
1/4	1,800.70	1/4	1,515.57	1/4	1,230.45	1/4	945.32	1/4	666.32	1/4	386.01	1/4	100.99	1/4		1/4		1/4	
1/2	1,794.76	1/2	1,509.63	1/2	1,224.51	1/2	939.38	1/2	660.61	1/2	380.07	1/2	95.07	1/2		1/2		1/2	
3/4	1,788.82	3/4	1,503.69	3/4	1,218.57	3/4	933.44	3/4	654.90	3/4	374.13	3/4	89.16	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2015 SW
CALCULATED: 09/19/2015 CL
PRINTED: 09/19/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "WEB 354"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-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	0	0	0	0	7,036.56	0	6,544.89	0	6,053.38	0	5,560.74	0	5,065.75	0	4,570.76	0	4,075.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,026.32	1/4	6,534.65	1/4	6,043.14	1/4	5,550.43	1/4	5,055.44	1/4	4,560.45	1/4	4,065.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,016.08	1/2	6,524.41	1/2	6,032.90	1/2	5,540.12	1/2	5,045.13	1/2	4,550.14	1/2	4,055.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,005.84	3/4	6,514.17	3/4	6,022.66	3/4	5,529.81	3/4	5,034.82	3/4	4,539.82	3/4	4,044.83
1	1	1	1	1	1	1	6,995.60	1	6,503.93	1	6,012.42	1	5,519.49	1	5,024.50	1	4,529.51	1	4,034.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,985.34	1/4	6,493.69	1/4	6,002.18	1/4	5,509.18	1/4	5,014.19	1/4	4,519.20	1/4	4,024.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,975.08	1/2	6,483.45	1/2	5,991.94	1/2	5,498.87	1/2	5,003.88	1/2	4,508.89	1/2	4,013.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,964.83	3/4	6,473.21	3/4	5,981.70	3/4	5,488.56	3/4	4,993.57	3/4	4,498.58	3/4	4,003.59
2	2	2	2	2	2	2	6,954.57	2	6,462.97	2	5,971.46	2	5,478.24	2	4,983.25	2	4,488.26	2	3,993.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,944.31	1/4	6,452.73	1/4	5,961.22	1/4	5,467.93	1/4	4,972.94	1/4	4,477.95	1/4	3,982.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,934.06	1/2	6,442.49	1/2	5,950.98	1/2	5,457.62	1/2	4,962.63	1/2	4,467.64	1/2	3,972.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,923.80	3/4	6,432.25	3/4	5,940.74	3/4	5,447.31	3/4	4,952.32	3/4	4,457.33	3/4	3,962.34
3	3	3	3	3	3	3	6,913.54	3	6,422.01	3	5,930.50	3	5,436.99	3	4,942.00	3	4,447.01	3	3,952.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,903.29	1/4	6,411.77	1/4	5,920.26	1/4	5,426.68	1/4	4,931.69	1/4	4,436.70	1/4	3,941.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,893.05	1/2	6,401.53	1/2	5,910.02	1/2	5,416.37	1/2	4,921.38	1/2	4,426.39	1/2	3,931.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,882.81	3/4	6,391.29	3/4	5,899.78	3/4	5,406.06	3/4	4,911.07	3/4	4,416.08	3/4	3,921.09
4	4	4	4	4	4	4	6,872.56	4	6,381.05	4	5,889.54	4	5,395.75	4	4,900.76	4	4,405.76	4	3,910.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,862.32	1/4	6,370.81	1/4	5,879.30	1/4	5,385.43	1/4	4,890.44	1/4	4,395.45	1/4	3,900.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,852.08	1/2	6,360.57	1/2	5,869.06	1/2	5,375.12	1/2	4,880.13	1/2	4,385.14	1/2	3,890.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,841.84	3/4	6,350.33	3/4	5,858.82	3/4	5,364.81	3/4	4,869.82	3/4	4,374.83	3/4	3,879.84
5	5	5	5	5	5	5	6,831.60	5	6,340.09	5	5,848.58	5	5,354.50	5	4,859.51	5	4,364.52	5	3,869.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,821.36	1/4	6,329.85	1/4	5,838.34	1/4	5,344.18	1/4	4,849.19	1/4	4,354.20	1/4	3,859.21
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,811.12	1/2	6,319.61	1/2	5,828.10	1/2	5,333.87	1/2	4,838.88	1/2	4,343.89	1/2	3,848.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,800.88	3/4	6,309.37	3/4	5,817.86	3/4	5,323.56	3/4	4,828.57	3/4	4,333.58	3/4	3,838.59
6	6	6	6	6	6	6	6,790.64	6	6,299.13	6	5,807.62	6	5,313.25	6	4,818.26	6	4,323.27	6	3,828.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,780.41	1/4	6,288.89	1/4	5,797.38	1/4	5,302.93	1/4	4,807.94	1/4	4,312.95	1/4	3,817.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,169.65	1/2	6,770.17	1/2	6,278.65	1/2	5,787.14	1/2	4,797.63	1/2	4,302.64	1/2	3,807.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,168.86	3/4	6,759.93	3/4	6,268.41	3/4	5,776.90	3/4	4,787.32	3/4	4,292.33	3/4	3,797.34
7	7	7	7	7	7	7	7,168.06	7	6,749.69	7	6,258.18	7	5,766.66	7	4,777.01	7	4,282.02	7	3,787.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,165.46	1/4	6,739.45	1/4	6,247.94	1/4	5,756.42	1/4	4,766.70	1/4	4,271.70	1/4	3,776.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,162.86	1/2	6,729.21	1/2	6,237.70	1/2	5,746.19	1/2	4,756.38	1/2	4,261.39	1/2	3,766.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,160.26	3/4	6,718.97	3/4	6,227.46	3/4	5,735.95	3/4	4,746.07	3/4	4,251.08	3/4	3,756.04
8	8	8	8	8	8	8	7,157.65	8	6,708.73	8	6,217.22	8	5,725.71	8	4,735.76	8	4,240.77	8	3,745.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,152.98	1/4	6,698.49	1/4	6,206.98	1/4	5,715.40	1/4	4,725.45	1/4	4,230.46	1/4	3,735.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,148.31	1/2	6,688.25	1/2	6,196.74	1/2	5,705.10	1/2	4,715.13	1/2	4,220.14	1/2	3,725.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,143.64	3/4	6,678.01	3/4	6,186.50	3/4	5,694.79	3/4	4,704.82	3/4	4,209.83	3/4	3,714.71
9	9	9	9	9	9	9	7,138.97	9	6,667.77	9	6,176.26	9	5,684.49	9	4,694.51	9	4,199.52	9	3,704.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,132.24	1/4	6,657.53	1/4	6,166.02	1/4	5,674.18	1/4	4,684.20	1/4	4,189.21	1/4	3,694.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,125.50	1/2	6,647.29	1/2	6,155.78	1/2	5,663.87	1/2	4,673.88	1/2	4,178.89	1/2	3,683.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,118.76	3/4	6,637.05	3/4	6,145.54	3/4	5,653.55	3/4	4,663.57	3/4	4,168.58	3/4	3,673.38
10	10	10	10	10	10	10	7,112.03	10	6,626.81	10	6,135.30	10	5,643.24	10	4,653.26	10	4,158.27	10	3,663.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,103.22	1/4	6,616.57	1/4	6,125.06	1/4	5,632.93	1/4	4,642.95	1/4	4,147.96	1/4	3,652.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,094.42	1/2	6,606.33	1/2	6,114.82	1/2	5,622.62	1/2	4,632.64	1/2	4,137.65	1/2	3,642.39
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,085.62	3/4	6,596.09	3/4	6,104.58	3/4	5,612.30	3/4	4,622.32	3/4	4,127.33	3/4	3,632.06
11	11	11	11	11	11	11	7,076.82	11	6,585.85	11	6,094.34	11	5,601.99	11	4,612.01	11	4,117.02	11	3,621.73
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,066.75	1/4	6,575.61	1/4	6,084.10	1/4	5,591.68	1/4	4,601.70	1/4	4,106.71	1/4	3,611.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,056.69	1/2	6,565.37	1/2	6,073.86	1/2	5,581.37	1/2	4,591.39	1/2	4,096.40	1/2	3,601.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,046.62	3/4	6,555.13	3/4	6,063.62	3/4	5,571.05	3/4	4,581.07	3/4	4,086.08	3/4	3,590.73

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 WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 1'-00" OFF CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD

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



BARGE "WEB 354"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07"

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	3,580.40	0	3,084.49	0	2,588.58	0	2,092.66	0	1,596.75	0	1,101.25	0	606.25	0	166.07	0			
1/4	3,570.07	1/4	3,074.16	1/4	2,578.25	1/4	2,082.33	1/4	1,586.42	1/4	1,090.94	1/4	596.15	1/4	158.02	1/4			
1/2	3,559.74	1/2	3,063.83	1/2	2,567.91	1/2	2,072.00	1/2	1,576.09	1/2	1,080.63	1/2	586.05	1/2	149.96	1/2			
3/4	3,549.41	3/4	3,053.49	3/4	2,557.58	3/4	2,061.67	3/4	1,565.76	3/4	1,070.32	3/4	575.95	3/4	141.90	3/4			
1	3,539.07	1	3,043.16	1	2,547.25	1	2,051.34	1	1,555.43	1	1,060.01	1	565.85	1	133.85	1			
1/4	3,528.74	1/4	3,032.83	1/4	2,536.92	1/4	2,041.01	1/4	1,545.10	1/4	1,049.70	1/4	555.92	1/4	125.98	1/4			
1/2	3,518.41	1/2	3,022.50	1/2	2,526.59	1/2	2,030.68	1/2	1,534.76	1/2	1,039.39	1/2	545.99	1/2	118.11	1/2			
3/4	3,508.08	3/4	3,012.17	3/4	2,516.26	3/4	2,020.34	3/4	1,524.43	3/4	1,029.08	3/4	536.06	3/4	110.24	3/4			
2	3,497.75	2	3,001.84	2	2,505.92	2	2,010.01	2	1,514.10	2	1,018.77	2	526.13	2	102.38	2			
1/4	3,487.42	1/4	2,991.51	1/4	2,495.59	1/4	1,999.68	1/4	1,503.77	1/4	1,008.46	1/4	516.37	1/4	94.71	1/4			
1/2	3,477.09	1/2	2,981.17	1/2	2,485.26	1/2	1,989.35	1/2	1,493.44	1/2	998.15	1/2	506.61	1/2	87.04	1/2			
3/4	3,466.75	3/4	2,970.84	3/4	2,474.93	3/4	1,979.02	3/4	1,483.11	3/4	987.84	3/4	496.84	3/4	79.37	3/4			
3	3,456.42	3	2,960.51	3	2,464.60	3	1,968.69	3	1,472.77	3	977.53	3	487.08	3	71.71	3			
1/4	3,446.09	1/4	2,950.18	1/4	2,454.27	1/4	1,958.36	1/4	1,462.44	1/4	967.22	1/4	477.49	1/4	64.26	1/4			
1/2	3,435.76	1/2	2,939.85	1/2	2,443.94	1/2	1,948.02	1/2	1,452.11	1/2	956.91	1/2	467.90	1/2	56.82	1/2			
3/4	3,425.43	3/4	2,929.52	3/4	2,433.60	3/4	1,937.69	3/4	1,441.78	3/4	946.60	3/4	458.31	3/4	49.38	3/4			
4	3,415.10	4	2,919.18	4	2,423.27	4	1,927.36	4	1,431.45	4	936.29	4	448.71	4	41.93	4			
1/4	3,404.77	1/4	2,908.85	1/4	2,412.94	1/4	1,917.03	1/4	1,421.12	1/4	925.98	1/4	439.29	1/4	36.06	1/4			
1/2	3,394.43	1/2	2,898.52	1/2	2,402.61	1/2	1,906.70	1/2	1,410.79	1/2	915.67	1/2	429.86	1/2	30.19	1/2			
3/4	3,384.10	3/4	2,888.19	3/4	2,392.28	3/4	1,896.37	3/4	1,400.45	3/4	905.36	3/4	420.44	3/4	24.32	3/4			
5	3,373.77	5	2,877.86	5	2,381.95	5	1,886.03	5	1,390.12	5	895.05	5	411.02	5	18.45	5			
1/4	3,363.44	1/4	2,867.53	1/4	2,371.62	1/4	1,875.70	1/4	1,379.79	1/4	884.74	1/4	401.76	1/4	15.95	1/4			
1/2	3,353.11	1/2	2,857.20	1/2	2,361.28	1/2	1,865.37	1/2	1,369.46	1/2	874.43	1/2	392.51	1/2	13.46	1/2			
3/4	3,342.78	3/4	2,846.86	3/4	2,350.95	3/4	1,855.04	3/4	1,359.13	3/4	864.12	3/4	383.25	3/4	10.96	3/4			
6	3,332.44	6	2,836.53	6	2,340.62	6	1,844.71	6	1,348.80	6	853.81	6	374.00	6	8.47	6			
1/4	3,322.11	1/4	2,826.20	1/4	2,330.29	1/4	1,834.38	1/4	1,338.47	1/4	843.49	1/4	364.91	1/4	6.71	1/4			
1/2	3,311.78	1/2	2,815.87	1/2	2,319.96	1/2	1,824.05	1/2	1,328.13	1/2	833.18	1/2	355.82	1/2	4.94	1/2			
3/4	3,301.45	3/4	2,805.54	3/4	2,309.63	3/4	1,813.71	3/4	1,317.80	3/4	822.87	3/4	346.74	3/4	3.18	3/4			
7	3,291.12	7	2,795.21	7	2,299.29	7	1,803.38	7	1,307.47	7	812.56	7	337.65	7	1.42	7			
1/4	3,280.79	1/4	2,784.88	1/4	2,288.96	1/4	1,793.05	1/4	1,297.16	1/4	802.24	1/4	328.73	1/4		1/4			
1/2	3,270.46	1/2	2,774.54	1/2	2,278.63	1/2	1,782.72	1/2	1,286.85	1/2	791.91	1/2	319.81	1/2		1/2			
3/4	3,260.12	3/4	2,764.21	3/4	2,268.30	3/4	1,772.39	3/4	1,276.53	3/4	781.58	3/4	310.90	3/4		3/4			
8	3,249.79	8	2,753.88	8	2,257.97	8	1,762.06	8	1,266.22	8	771.25	8	301.98	8		8			
1/4	3,239.46	1/4	2,743.55	1/4	2,247.64	1/4	1,751.73	1/4	1,255.91	1/4	760.92	1/4	293.23	1/4		1/4			
1/2	3,229.13	1/2	2,733.22	1/2	2,237.31	1/2	1,741.39	1/2	1,245.60	1/2	750.59	1/2	284.48	1/2		1/2			
3/4	3,218.80	3/4	2,722.89	3/4	2,226.97	3/4	1,731.06	3/4	1,235.29	3/4	740.26	3/4	275.73	3/4		3/4			
9	3,208.47	9	2,712.55	9	2,216.64	9	1,720.73	9	1,224.98	9	729.92	9	266.98	9		9			
1/4	3,198.14	1/4	2,702.22	1/4	2,206.31	1/4	1,710.40	1/4	1,214.67	1/4	719.59	1/4	258.40	1/4		1/4			
1/2	3,187.80	1/2	2,691.89	1/2	2,195.98	1/2	1,700.07	1/2	1,204.36	1/2	709.26	1/2	249.82	1/2		1/2			
3/4	3,177.47	3/4	2,681.56	3/4	2,185.65	3/4	1,689.74	3/4	1,194.05	3/4	698.93	3/4	241.24	3/4		3/4			
10	3,167.14	10	2,671.23	10	2,175.32	10	1,679.40	10	1,183.74	10	688.60	10	232.66	10		10			
1/4	3,156.81	1/4	2,660.90	1/4	2,164.99	1/4	1,669.07	1/4	1,173.43	1/4	678.27	1/4	224.25	1/4		1/4			
1/2	3,146.48	1/2	2,650.57	1/2	2,154.65	1/2	1,658.74	1/2	1,163.12	1/2	667.94	1/2	215.84	1/2		1/2			
3/4	3,136.15	3/4	2,640.23	3/4	2,144.32	3/4	1,648.41	3/4	1,152.81	3/4	657.61	3/4	207.43	3/4		3/4			
11	3,125.81	11	2,629.90	11	2,133.99	11	1,638.08	11	1,142.50	11	647.28	11	199.02	11		11			
1/4	3,115.48	1/4	2,619.57	1/4	2,123.66	1/4	1,627.75	1/4	1,132.19	1/4	637.02	1/4	190.78	1/4		1/4			
1/2	3,105.15	1/2	2,609.24	1/2	2,113.33	1/2	1,617.42	1/2	1,121.88	1/2	626.76	1/2	182.55	1/2		1/2			
3/4	3,094.82	3/4	2,598.91	3/4	2,103.00	3/4	1,607.08	3/4	1,111.57	3/4	616.50	3/4	174.31	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/18/2015 SW
CALCULATED: 09/19/2015 CL
PRINTED: 09/19/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2015

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