



# BARGE "WEB 312"

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

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

LENGTH BETWEEN DRAFT MARKS: 234'-00"

July 13, 2011

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

<http://www.pmacorp.net>



# BARGE "WEB 312"

# 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 3/4"

	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
0		0		0		0		0	6,985.13	0	6,467.81	0	5,930.50	0	5,403.18	0	4,875.86	0	4,348.54		
1/4	1/4		1/4		1/4		1/4		6,974.16	1/4	6,446.83	1/4	5,919.51	1/4	5,392.19	1/4	4,864.87	1/4	4,337.55		
1/2		1/2		1/2		1/2		5/8	7,432.19	1/2	6,963.16	1/2	6,435.84	1/2	5,908.53	1/2	5,381.21	1/2	4,853.89	1/2	4,326.57
3/4			3/4		3/4		3/4		7,429.86	3/4	6,962.17	3/4	6,424.85	3/4	5,897.54	3/4	5,370.22	3/4	4,842.90	3/4	4,315.58
1		1		1		1		1	7,425.21	1	6,941.19	1	6,413.87	1	5,886.55	1	5,359.23	1	4,831.92	1	4,304.60
1/4	1/4		1/4		1/4		1/4		7,419.95	1/4	6,930.20	1/4	6,402.88	1/4	5,875.57	1/4	5,348.25	1/4	4,820.93	1/4	4,293.61
1/2		1/2		1/2		1/2		1/2	7,414.69	1/2	6,919.22	1/2	6,391.90	1/2	5,864.58	1/2	5,337.26	1/2	4,809.95	1/2	4,282.63
3/4			3/4		3/4		3/4		7,409.43	3/4	6,908.23	3/4	6,380.91	3/4	5,853.59	3/4	5,326.27	3/4	4,798.96	3/4	4,271.64
2		2		2		2		2	7,402.34	2	6,897.26	2	6,369.93	2	5,842.61	2	5,315.29	2	4,787.97	2	4,260.65
1/4	1/4		1/4		1/4		1/4		7,395.24	1/4	6,886.26	1/4	6,358.94	1/4	5,831.62	1/4	5,304.30	1/4	4,776.99	1/4	4,249.67
1/2		1/2		1/2		1/2		1/2	7,388.15	1/2	6,875.28	1/2	6,347.96	1/2	5,820.64	1/2	5,293.32	1/2	4,766.00	1/2	4,238.68
3/4			3/4		3/4		3/4		7,381.05	3/4	6,864.29	3/4	6,336.97	3/4	5,809.65	3/4	5,282.33	3/4	4,755.01	3/4	4,227.69
3		3		3		3		3	7,372.13	3	6,853.30	3	6,325.98	3	5,798.67	3	5,271.35	3	4,744.03	3	4,216.71
1/4	1/4		1/4		1/4		1/4		7,363.20	1/4	6,842.32	1/4	6,315.00	1/4	5,787.68	1/4	5,260.36	1/4	4,733.04	1/4	4,205.72
1/2		1/2		1/2		1/2		1/2	7,354.28	1/2	6,831.33	1/2	6,304.01	1/2	5,776.70	1/2	5,249.38	1/2	4,722.06	1/2	4,194.74
3/4			3/4		3/4		3/4		7,345.36	3/4	6,820.34	3/4	6,293.02	3/4	5,765.71	3/4	5,238.39	3/4	4,711.07	3/4	4,183.75
4		4		4		4		4	7,334.94	4	6,809.36	4	6,282.04	4	5,754.72	4	5,227.40	4	4,700.09	4	4,172.77
1/4	1/4		1/4		1/4		1/4		7,324.54	1/4	6,798.37	1/4	6,271.05	1/4	5,743.74	1/4	5,216.42	1/4	4,689.10	1/4	4,161.78
1/2		1/2		1/2		1/2		1/2	7,314.13	1/2	6,787.39	1/2	6,260.07	1/2	5,732.75	1/2	5,205.43	1/2	4,678.12	1/2	4,150.80
3/4			3/4		3/4		3/4		7,303.72	3/4	6,776.40	3/4	6,249.08	3/4	5,721.76	3/4	5,194.44	3/4	4,667.13	3/4	4,139.81
5		5		5		5		5	7,292.74	5	6,765.42	5	6,238.10	5	5,710.78	5	5,183.46	5	4,656.14	5	4,128.82
1/4	1/4		1/4		1/4		1/4		7,281.75	1/4	6,754.43	1/4	6,227.11	1/4	5,699.79	1/4	5,172.47	1/4	4,645.16	1/4	4,117.84
1/2		1/2		1/2		1/2		1/2	7,270.77	1/2	6,743.45	1/2	6,216.13	1/2	5,688.81	1/2	5,161.49	1/2	4,634.17	1/2	4,106.85
3/4			3/4		3/4		3/4		7,259.78	3/4	6,732.46	3/4	6,205.14	3/4	5,677.82	3/4	5,150.50	3/4	4,623.18	3/4	4,095.86
6		6		6		6		6	7,248.79	6	6,721.47	6	6,194.16	6	5,666.84	6	5,139.52	6	4,612.20	6	4,084.88
1/4	1/4		1/4		1/4		1/4		7,237.81	1/4	6,710.49	1/4	6,183.17	1/4	5,655.85	1/4	5,128.53	1/4	4,601.21	1/4	4,073.89
1/2		1/2		1/2		1/2		1/2	7,226.82	1/2	6,699.50	1/2	6,172.19	1/2	5,644.87	1/2	5,117.55	1/2	4,590.23	1/2	4,062.91
3/4			3/4		3/4		3/4		7,215.83	3/4	6,688.51	3/4	6,161.20	3/4	5,633.88	3/4	5,106.56	3/4	4,579.24	3/4	4,051.92
7		7		7		7		7	7,204.85	7	6,677.53	7	6,150.21	7	5,622.89	7	5,095.58	7	4,568.26	7	4,040.94
1/4	1/4		1/4		1/4		1/4		7,193.86	1/4	6,666.54	1/4	6,139.23	1/4	5,611.91	1/4	5,084.59	1/4	4,557.27	1/4	4,029.95
1/2		1/2		1/2		1/2		1/2	7,182.88	1/2	6,655.56	1/2	6,128.24	1/2	5,600.92	1/2	5,073.61	1/2	4,546.29	1/2	4,018.97
3/4			3/4		3/4		3/4		7,171.89	3/4	6,644.57	3/4	6,117.25	3/4	5,589.93	3/4	5,062.62	3/4	4,535.30	3/4	4,007.98
8		8		8		8		8	7,160.91	8	6,633.59	8	6,106.27	8	5,578.95	8	5,051.63	8	4,524.31	8	3,997.00
1/4	1/4		1/4		1/4		1/4		7,149.92	1/4	6,622.60	1/4	6,095.28	1/4	5,567.96	1/4	5,040.65	1/4	4,513.33	1/4	3,986.01
1/2		1/2		1/2		1/2		1/2	7,138.94	1/2	6,611.62	1/2	6,084.30	1/2	5,556.98	1/2	5,029.66	1/2	4,502.34	1/2	3,975.03
3/4			3/4		3/4		3/4		7,127.95	3/4	6,600.63	3/4	6,073.31	3/4	5,545.99	3/4	5,018.67	3/4	4,491.35	3/4	3,964.04
9		9		9		9		9	7,116.96	9	6,589.64	9	6,062.33	9	5,535.01	9	5,007.69	9	4,480.37	9	3,953.05
1/4	1/4		1/4		1/4		1/4		7,105.98	1/4	6,578.66	1/4	6,051.34	1/4	5,524.02	1/4	4,996.70	1/4	4,469.38	1/4	3,942.07
1/2		1/2		1/2		1/2		1/2	7,094.99	1/2	6,567.67	1/2	6,040.36	1/2	5,513.04	1/2	4,985.72	1/2	4,458.40	1/2	3,931.08
3/4			3/4		3/4		3/4		7,084.00	3/4	6,556.68	3/4	6,029.37	3/4	5,502.05	3/4	4,974.73	3/4	4,447.41	3/4	3,920.09
10		10		10		10		10	7,073.02	10	6,545.70	10	6,018.38	10	5,491.06	10	4,963.75	10	4,436.43	10	3,909.11
1/4	1/4		1/4		1/4		1/4		7,062.03	1/4	6,534.71	1/4	6,007.40	1/4	5,480.08	1/4	4,952.76	1/4	4,425.44	1/4	3,898.12
1/2		1/2		1/2		1/2		1/2	7,051.05	1/2	6,523.73	1/2	5,996.41	1/2	5,469.09	1/2	4,941.78	1/2	4,414.46	1/2	3,887.14
3/4			3/4		3/4		3/4		7,040.06	3/4	6,512.74	3/4	5,985.42	3/4	5,458.10	3/4	4,930.79	3/4	4,403.47	3/4	3,876.15
11		11		11		11		11	7,029.08	11	6,501.76	11	5,974.44	11	5,447.12	11	4,919.80	11	4,392.48	11	3,865.17
1/4	1/4		1/4		1/4		1/4		7,018.09	1/4	6,490.77	1/4	5,963.45	1/4	5,436.13	1/4	4,908.82	1/4	4,381.50	1/4	3,854.18
1/2		1/2		1/2		1/2		1/2	7,007.11	1/2	6,479.79	1/2	5,952.47	1/2	5,425.15	1/2	4,897.83	1/2	4,370.51	1/2	3,843.20
3/4			3/4		3/4		3/4		6,996.12	3/4	6,468.80	3/4	5,941.48	3/4	5,414.16	3/4	4,886.84	3/4	4,359.52	3/4	3,832.21

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 5'-00" OFF CENTERLINE AND 33'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "WEB 312"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 3/4"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	3,821.22	3,293.90	2,766.59	2,239.36	1,712.20	1,184.93	662.08	197.05		
1/4	3,810.24	3,282.92	2,755.60	2,228.38	1,701.21	1,173.94	651.58 <sup>1/4</sup>	188.31		
1/2	3,799.25	3,271.93	2,744.62	2,217.40	1,690.23	1,162.96	641.07 <sup>1/2</sup>	179.56		
3/4	3,788.26	3,260.94	2,733.63	2,206.42	1,679.24	1,151.97	630.57 <sup>3/4</sup>	170.82		
1	3,777.28	3,249.96	2,722.64	2,195.44	1,668.26	1,140.99	620.21	162.22		
1/4	3,766.29	3,238.97	2,711.66	2,184.46	1,657.27	1,130.01	609.85 <sup>1/4</sup>	163.62		
1/2	3,755.31	3,227.99	2,700.67	2,173.48	1,646.28	1,119.02	599.49 <sup>1/2</sup>	146.01		
3/4	3,744.32	3,217.00	2,689.68	2,162.50	1,635.29	1,108.04	589.13 <sup>3/4</sup>	136.41		
2	3,733.34	3,206.02	2,678.70	2,151.52	1,624.31	1,097.06	578.91	127.96		
1/4	3,722.35	3,195.03	2,667.71	2,140.54	1,613.32	1,086.07	568.69 <sup>1/4</sup>	119.49		
1/2	3,711.37	3,184.05	2,656.73	2,129.55	1,602.34	1,075.09	558.47 <sup>1/2</sup>	111.03		
3/4	3,700.38	3,173.06	2,645.74	2,118.57	1,591.35	1,064.10	548.26 <sup>3/4</sup>	102.57		
3	3,689.39	3,162.07	2,634.76	2,107.59	1,580.37	1,053.11	538.17	94.26		
1/4	3,678.41	3,151.09	2,623.77	2,096.61	1,569.38	1,042.13	528.09 <sup>1/4</sup>	85.93		
1/2	3,667.42	3,140.10	2,612.79	2,085.63	1,558.40	1,031.14	518.01 <sup>1/2</sup>	77.60		
3/4	3,656.43	3,129.11	2,601.80	2,074.65	1,547.41	1,020.15	507.93 <sup>3/4</sup>	69.28		
4	3,645.45	3,118.13	2,590.81	2,063.67	1,536.43	1,009.20	497.99	61.60		
1/4	3,634.46	3,107.14	2,579.83	2,052.69	1,525.44	998.24	488.06 <sup>1/4</sup>	53.91		
1/2	3,623.48	3,096.16	2,568.84	2,041.71	1,514.46	987.29	478.12 <sup>1/2</sup>	46.23		
3/4	3,612.49	3,085.17	2,557.85	2,030.73	1,503.47	976.33	468.18 <sup>3/4</sup>	38.54		
5	3,601.51	3,074.19	2,546.87	2,019.75	1,492.49	965.42	458.38	32.80		
1/4	3,590.52	3,063.20	2,535.88	2,008.77	1,481.50	954.52	448.59 <sup>1/4</sup>	27.07		
1/2	3,579.54	3,052.22	2,524.90	1,997.79	1,470.52	943.61	438.79 <sup>1/2</sup>	21.33		
3/4	3,568.55	3,041.23	2,513.91	1,986.81	1,459.53	932.70	428.99 <sup>3/4</sup>	15.59		
6	3,557.56	3,030.24	2,502.93	1,975.83	1,448.55	921.79	419.33	12.62		
1/4	3,546.58	3,019.26	2,491.94	1,964.85	1,437.56	910.89	409.68 <sup>1/4</sup>	9.66		
1/2	3,535.59	3,008.27	2,480.96	1,953.86	1,426.58	899.98	400.02 <sup>1/2</sup>	6.69		
3/4	3,524.60	2,997.28	2,469.97	1,942.88	1,415.59	889.07	390.36 <sup>3/4</sup>	3.72		
7	3,513.62	2,986.30	2,458.99	1,931.90	1,404.61	878.16	380.85			
1/4	3,502.63	2,975.31	2,448.00	1,920.92	1,393.63	867.26	371.33 <sup>1/4</sup>			
1/2	3,491.65	2,964.33	2,437.02	1,909.93	1,382.64	856.35	361.82 <sup>1/2</sup>			
3/4	3,480.66	2,953.34	2,426.03	1,898.95	1,371.66	845.44	352.30 <sup>3/4</sup>			
8	3,469.68	2,942.36	2,415.05	1,887.97	1,360.68	834.53	342.93			
1/4	3,458.69	2,931.37	2,404.07	1,876.98	1,349.69	823.63	333.55 <sup>1/4</sup>			
1/2	3,447.71	2,920.39	2,393.09	1,866.00	1,338.71	812.72	324.18 <sup>1/2</sup>			
3/4	3,436.72	2,909.40	2,382.11	1,855.01	1,327.72	801.81	314.80 <sup>3/4</sup>			
9	3,425.73	2,898.42	2,371.13	1,844.03	1,316.74	790.93	305.57			
1/4	3,414.75	2,887.43	2,360.15	1,833.04	1,305.75	780.06	296.34 <sup>1/4</sup>			
1/2	3,403.76	2,876.45	2,349.17	1,822.06	1,294.77	769.17	287.10 <sup>1/2</sup>			
3/4	3,392.77	2,865.46	2,338.19	1,811.07	1,283.78	758.29	277.87 <sup>3/4</sup>			
10	3,381.79	2,854.47	2,327.21	1,800.08	1,272.80	747.51	268.78			
1/4	3,370.80	2,843.49	2,316.23	1,789.10	1,261.82	736.73	259.69 <sup>1/4</sup>			
1/2	3,359.82	2,832.50	2,305.24	1,778.11	1,250.83	725.94	250.59 <sup>1/2</sup>			
3/4	3,348.83	2,821.51	2,294.26	1,767.12	1,239.85	715.16	241.50 <sup>3/4</sup>			
11	3,337.85	2,810.53	2,283.28	1,756.14	1,228.87	704.52	232.67			
1/4	3,326.86	2,799.54	2,272.30	1,745.15	1,217.88	693.87	223.65 <sup>1/4</sup>			
1/2	3,315.88	2,788.56	2,261.32	1,734.17	1,206.90	683.23	214.72 <sup>1/2</sup>			
3/4	3,304.89	2,777.57	2,250.34	1,723.18	1,195.91	672.58	206.79 <sup>3/4</sup>			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2001 ITS  
DECK MEASUREMENTS: 07/13/2011 SW  
REPRINTED: 07/13/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "WEB 312"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
0	0	0	0	0	0	3,764.63	0	3,530.00	0	3,267.49	0	3,004.98	0	2,742.47	0	2,479.95	0	2,217.44		
1/4	1/4	1/4	1/4	1/4	1/4	3,762.54	1/4	3,524.53	1/4	3,262.02	1/4	2,999.51	1/4	2,737.00	1/4	2,474.48	1/4	2,211.97		
1/2	1/2	1/2	1/2	1/2	1/2	3,760.15	1/2	3,519.07	1/2	3,256.55	1/2	2,994.04	1/2	2,731.53	1/2	2,469.02	1/2	2,206.51		
3/4	3/4	3/4	3/4	3/4	3/4	3,757.75	3/4	3,513.60	3/4	3,251.08	3/4	2,988.57	3/4	2,726.06	3/4	2,463.55	3/4	2,201.04		
1	1	1	1	1	1	3,755.36	1	3,508.13	1	3,245.61	1	2,983.10	1	2,720.59	1	2,458.08	1	2,195.57		
1/4	1/4	1/4	1/4	1/4	1/4	3,752.06	1/4	3,502.66	1/4	3,240.14	1/4	2,977.63	1/4	2,715.12	1/4	2,452.61	1/4	2,190.10		
1/2	1/2	1/2	1/2	1/2	1/2	3,748.75	1/2	3,497.19	1/2	3,234.68	1/2	2,972.17	1/2	2,709.65	1/2	2,447.14	1/2	2,184.63		
3/4	3/4	3/4	3/4	3/4	3/4	3,745.45	3/4	3,491.72	3/4	3,229.21	3/4	2,966.70	3/4	2,704.18	3/4	2,441.67	3/4	2,179.16		
2	2	2	2	2	2	3,742.14	2	3,486.25	2	3,223.74	2	2,961.23	2	2,698.71	2	2,436.20	2	2,173.69		
1/4	1/4	1/4	1/4	1/4	1/4	3,737.93	1/4	3,480.78	1/4	3,218.27	1/4	2,955.76	1/4	2,693.24	1/4	2,430.73	1/4	2,168.22		
1/2	1/2	1/2	1/2	1/2	1/2	3,733.71	1/2	3,475.31	1/2	3,212.80	1/2	2,950.29	1/2	2,687.78	1/2	2,425.27	1/2	2,162.75		
3/4	3/4	3/4	3/4	3/4	3/4	3,729.50	3/4	3,469.84	3/4	3,207.33	3/4	2,944.82	3/4	2,682.31	3/4	2,419.80	3/4	2,157.28		
3	3	3	3	3	3	3,725.28	3	3,464.37	3	3,201.86	3	2,939.35	3	2,676.84	3	2,414.33	3	2,151.81		
1/4	1/4	1/4	1/4	1/4	1/4	3,720.21	1/4	3,458.90	1/4	3,196.39	1/4	2,933.88	1/4	2,671.37	1/4	2,408.86	1/4	2,146.34		
1/2	1/2	1/2	1/2	1/2	1/2	3,715.15	1/2	3,453.44	1/2	3,190.93	1/2	2,928.41	1/2	2,665.90	1/2	2,403.39	1/2	2,140.88		
3/4	3/4	3/4	3/4	3/4	3/4	3,710.08	3/4	3,447.97	3/4	3,185.46	3/4	2,922.94	3/4	2,660.43	3/4	2,397.92	3/4	2,135.41		
4	4	4	4	4	4	3,705.01	4	3,442.50	4	3,179.99	4	2,917.47	4	2,654.96	4	2,392.45	4	2,129.94		
1/4	1/4	1/4	1/4	1/4	1/4	3,699.54	1/4	3,437.03	1/4	3,174.52	1/4	2,912.00	1/4	2,649.49	1/4	2,386.98	1/4	2,124.47		
1/2	1/2	1/2	1/2	1/2	1/2	3,694.07	1/2	3,431.56	1/2	3,169.05	1/2	2,906.54	1/2	2,644.03	1/2	2,381.51	1/2	2,119.00		
3/4	3/4	3/4	3/4	3/4	3/4	3,688.60	3/4	3,426.09	3/4	3,163.58	3/4	2,901.07	3/4	2,638.56	3/4	2,376.04	3/4	2,113.53		
5	5	5	5	5	5	3,683.13	5	3,420.62	5	3,158.11	5	2,895.60	5	2,633.09	5	2,370.57	5	2,108.06		
1/4	1/4	1/4	1/4	1/4	1/4	3,677.66	1/4	3,415.15	1/4	3,152.64	1/4	2,890.13	1/4	2,627.62	1/4	2,365.10	1/4	2,102.59		
1/2	1/2	1/2	1/2	1/2	1/2	3,672.20	1/2	3,409.69	1/2	3,147.17	1/2	2,884.66	1/2	2,622.15	1/2	2,359.64	1/2	2,097.13		
3/4	3/4	3/4	3/4	3/4	3/4	3,666.73	3/4	3,404.22	3/4	3,141.70	3/4	2,879.19	3/4	2,616.68	3/4	2,354.17	3/4	2,091.66		
6	6	6	6	6	6	3,661.26	6	3,398.75	6	3,136.23	6	2,873.72	6	2,611.21	6	2,348.70	6	2,086.19		
1/4	1/4	1/4	1/4	1/4	1/4	3,655.79	1/4	3,393.28	1/4	3,130.76	1/4	2,868.25	1/4	2,605.74	1/4	2,343.23	1/4	2,080.72		
1/2	1/2	1/2	1/2	1/2	1/2	3,650.32	1/2	3,387.81	1/2	3,125.30	1/2	2,862.79	1/2	2,600.27	1/2	2,337.76	1/2	2,075.25		
3/4	3/4	3/4	3/4	3/4	3/4	3,644.85	3/4	3,382.34	3/4	3,119.83	3/4	2,857.32	3/4	2,594.80	3/4	2,332.29	3/4	2,069.78		
7	7	7	7	7	7	3,639.38	7	3,376.87	7	3,114.36	7	2,851.85	7	2,589.33	7	2,326.82	7	2,064.31		
1/4	1/4	1/4	1/4	1/4	1/4	3,633.91	1/4	3,371.40	1/4	3,108.89	1/4	2,846.38	1/4	2,583.86	1/4	2,321.35	1/4	2,058.84		
1/2	1/2	1/2	1/2	1/2	1/2	3,628.45	1/2	3,365.93	1/2	3,103.42	1/2	2,840.91	1/2	2,578.40	1/2	2,315.89	1/2	2,053.37		
3/4	3/4	3/4	3/4	3/4	3/4	3,622.98	3/4	3,360.46	3/4	3,097.95	3/4	2,835.44	3/4	2,572.93	3/4	2,310.42	3/4	2,047.90		
8	8	8	8	8	8	3,617.51	8	3,354.99	8	3,092.48	8	2,829.97	8	2,567.46	8	2,304.95	8	2,042.43		
1/4	1/4	1/4	1/4	1/4	1/4	3,612.04	1/4	3,349.52	1/4	3,087.01	1/4	2,824.50	1/4	2,561.99	1/4	2,299.48	1/4	2,036.96		
1/2	1/2	1/2	1/2	1/2	1/2	3,606.57	1/2	3,344.06	1/2	3,081.55	1/2	2,819.03	1/2	2,556.52	1/2	2,294.01	1/2	2,031.50		
3/4	3/4	3/4	3/4	3/4	3/4	3,601.10	3/4	3,338.59	3/4	3,076.08	3/4	2,813.56	3/4	2,551.05	3/4	2,288.54	3/4	2,026.03		
9	9	9	9	9	9	3,595.63	9	3,333.12	9	3,070.61	9	2,808.09	9	2,545.58	9	2,283.07	9	2,020.56		
1/4	1/4	1/4	1/4	1/4	1/4	3,590.16	1/4	3,327.65	1/4	3,065.14	1/4	2,802.62	1/4	2,540.11	1/4	2,277.60	1/4	2,015.09		
1/2	1/2	1/2	1/2	1/2	1/2	3,584.69	1/2	3,322.18	1/2	3,059.67	1/2	2,797.16	1/2	2,534.65	1/2	2,272.13	1/2	2,009.62		
3/4	3/4	3/4	3/4	3/4	3/4	3,579.22	3/4	3,316.71	3/4	3,054.20	3/4	2,791.69	3/4	2,529.18	3/4	2,266.66	3/4	2,004.15		
10	10	10	10	10	10	3,573.75	10	3,311.24	10	3,048.73	10	2,786.22	10	2,523.71	10	2,261.19	10	1,998.68		
1/4	1/4	1/4	1/4	1/4	1/4	3,568.28	1/4	3,305.77	1/4	3,043.26	1/4	2,780.75	1/4	2,518.24	1/4	2,255.72	1/4	1,993.21		
1/2	1/2	1/2	1/2	1/2	1/2	3,562.82	1/2	3,300.31	1/2	3,037.79	1/2	2,775.28	1/2	2,512.77	1/2	2,250.25	1/2	1,987.75		
3/4	3/4	3/4	3/4	3/4	3/4	3,557.35	3/4	3,294.84	3/4	3,032.32	3/4	2,769.81	3/4	2,507.30	3/4	2,244.79	3/4	1,982.28		
11	11	11	11	11	11	3,551.88	11	3,289.37	11	3,026.85	11	2,764.34	11	2,501.83	11	2,239.32	11	1,976.81		
1/4	1/4	1/4	1/4	1/4	1/4	3,546.41	1/4	3,283.90	1/4	3,021.38	1/4	2,758.87	1/4	2,496.36	1/4	2,233.85	1/4	1,971.34		
1/2	1/2	1/2	1/2	1/2	1/2	3,540.94	1/2	3,278.43	1/2	3,015.92	1/2	2,753.41	1/2	2,490.89	1/2	2,228.38	1/2	1,965.87		
3/4	3/4	3/4	7/8	3/4	3/4	3,765.67	3/4	3,535.47	3/4	3,272.96	3/4	3,010.45	3/4	2,747.94	3/4	2,485.42	3/4	2,222.91	3/4	1,960.40

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 33'-08" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
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# BARGE "WEB 312"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	1,954.93	0	1,692.42	0	1,429.91	0	1,167.47	0	905.48	0	643.26	0	380.73	0	118.22	0		0	
1/4	1,949.46	1/4	1,686.95	1/4	1,424.44	1/4	1,162.00	1/4	900.04	1/4	637.78	1/4	375.26 <sup>1/4</sup>		112.75	1/4		1/4	
1/2	1,943.99	1/2	1,681.48	1/2	1,418.98	1/2	1,156.54	1/2	894.60	1/2	632.31	1/2	369.80 <sup>1/2</sup>		107.28	1/2		1/2	
3/4	1,938.52	3/4	1,676.01	3/4	1,413.51	3/4	1,151.07	3/4	889.16	3/4	626.84	3/4	364.33 <sup>3/4</sup>		101.81	3/4		3/4	
1	1,933.05	1	1,670.54	1	1,408.04	1	1,145.60	1	883.72	1	621.37	1	358.86	1	96.34	1		1	
1/4	1,927.58	1/4	1,665.07	1/4	1,402.58	1/4	1,140.13	1/4	878.28	1/4	615.90	1/4	353.39 <sup>1/4</sup>		90.87	1/4		1/4	
1/2	1,922.12	1/2	1,659.61	1/2	1,397.11	1/2	1,134.66	1/2	872.83	1/2	610.44	1/2	347.92 <sup>1/2</sup>		85.40	1/2		1/2	
3/4	1,916.65	3/4	1,654.14	3/4	1,391.65	3/4	1,129.19	3/4	867.39	3/4	604.97	3/4	342.45 <sup>3/4</sup>		79.93	3/4		3/4	
2	1,911.18	2	1,648.67	2	1,386.18	2	1,123.72	2	861.94	2	599.50	2	336.98	2	74.46	2		2	
1/4	1,905.71	1/4	1,643.20	1/4	1,380.71	1/4	1,118.25	1/4	856.48	1/4	594.03	1/4	331.51 <sup>1/4</sup>		68.99	1/4		1/4	
1/2	1,900.24	1/2	1,637.73	1/2	1,375.25	1/2	1,112.78	1/2	851.02	1/2	588.56	1/2	326.04 <sup>1/2</sup>		63.53	1/2		1/2	
3/4	1,894.77	3/4	1,632.26	3/4	1,369.78	3/4	1,107.31	3/4	845.56	3/4	583.09	3/4	320.57 <sup>3/4</sup>		58.06	3/4		3/4	
3	1,889.30	3	1,626.79	3	1,364.31	3	1,101.84	3	840.09	3	577.62	3	315.10	3	52.59	3		3	
1/4	1,883.83	1/4	1,621.32	1/4	1,358.85	1/4	1,096.37	1/4	834.63	1/4	572.15	1/4	309.63 <sup>1/4</sup>		47.24	1/4		1/4	
1/2	1,878.37	1/2	1,615.85	1/2	1,353.38	1/2	1,090.91	1/2	829.17	1/2	566.68	1/2	304.17 <sup>1/2</sup>		41.88	1/2		1/2	
3/4	1,872.90	3/4	1,610.38	3/4	1,347.92	3/4	1,085.44	3/4	823.70	3/4	561.21	3/4	298.70 <sup>3/4</sup>		36.53	3/4		3/4	
4	1,867.43	4	1,604.91	4	1,342.45	4	1,079.97	4	818.24	4	555.74	4	293.23	4	31.17	4		4	
1/4	1,861.96	1/4	1,599.44	1/4	1,336.98	1/4	1,074.50	1/4	812.78	1/4	550.27	1/4	287.76 <sup>1/4</sup>		26.84	1/4		1/4	
1/2	1,856.49	1/2	1,593.98	1/2	1,331.52	1/2	1,069.04	1/2	807.31	1/2	544.81	1/2	282.29 <sup>1/2</sup>		22.51	1/2		1/2	
3/4	1,851.02	3/4	1,588.51	3/4	1,326.05	3/4	1,063.57	3/4	801.85	3/4	539.34	3/4	276.82 <sup>3/4</sup>		18.18	3/4		3/4	
5	1,845.55	5	1,583.04	5	1,320.58	5	1,058.10	5	796.38	5	533.87	5	271.35	5	13.85	5		5	
1/4	1,840.08	1/4	1,577.57	1/4	1,315.12	1/4	1,052.64	1/4	790.91	1/4	528.40	1/4	265.88	1/4		1/4		1/4	
1/2	1,834.61	1/2	1,572.10	1/2	1,309.65	1/2	1,047.17	1/2	785.45	1/2	522.93	1/2	260.41 <sup>1/2</sup>			1/2		1/2	
3/4	1,829.14	3/4	1,566.63	3/4	1,304.19	3/4	1,041.71	3/4	779.98	3/4	517.46	3/4	254.94 <sup>3/4</sup>			3/4		3/4	
6	1,823.67	6	1,561.16	6	1,298.72	6	1,036.24	6	774.51	6	511.99	6	249.47	6		6		6	
1/4	1,818.20	1/4	1,555.69	1/4	1,293.25	1/4	1,030.78	1/4	769.04	1/4	506.52	1/4	244.00 <sup>1/4</sup>			1/4		1/4	
1/2	1,812.74	1/2	1,550.23	1/2	1,287.79	1/2	1,025.32	1/2	763.57	1/2	501.05	1/2	238.54 <sup>1/2</sup>			1/2		1/2	
3/4	1,807.27	3/4	1,544.76	3/4	1,282.32	3/4	1,019.85	3/4	758.10	3/4	495.58	3/4	233.07 <sup>3/4</sup>			3/4		3/4	
7	1,801.80	7	1,539.29	7	1,276.85	7	1,014.39	7	752.63	7	490.11	7	227.60	7		7		7	
1/4	1,796.33	1/4	1,533.82	1/4	1,271.38	1/4	1,008.93	1/4	747.16	1/4	484.64	1/4	222.13 <sup>1/4</sup>			1/4		1/4	
1/2	1,790.86	1/2	1,528.35	1/2	1,265.92	1/2	1,003.47	1/2	741.69	1/2	479.18	1/2	216.66 <sup>1/2</sup>			1/2		1/2	
3/4	1,785.39	3/4	1,522.88	3/4	1,260.45	3/4	998.01	3/4	736.22	3/4	473.71	3/4	211.19 <sup>3/4</sup>			3/4		3/4	
8	1,779.92	8	1,517.41	8	1,254.98	8	992.55	8	730.75	8	468.24	8	205.72	8		8		8	
1/4	1,774.45	1/4	1,511.94	1/4	1,249.51	1/4	987.11	1/4	725.28	1/4	462.77	1/4	200.25 <sup>1/4</sup>			1/4		1/4	
1/2	1,768.99	1/2	1,506.47	1/2	1,244.04	1/2	981.67	1/2	719.82	1/2	457.30	1/2	194.78 <sup>1/2</sup>			1/2		1/2	
3/4	1,763.52	3/4	1,501.00	3/4	1,238.57	3/4	976.22	3/4	714.35	3/4	451.83	3/4	189.31 <sup>3/4</sup>			3/4		3/4	
9	1,758.05	9	1,495.53	9	1,233.10	9	970.78	9	708.88	9	446.36	9	183.84	9		9		9	
1/4	1,752.58	1/4	1,490.06	1/4	1,227.63	1/4	965.34	1/4	703.41	1/4	440.89	1/4	178.37 <sup>1/4</sup>			1/4		1/4	
1/2	1,747.11	1/2	1,484.60	1/2	1,222.17	1/2	959.90	1/2	697.94	1/2	435.42	1/2	172.91 <sup>1/2</sup>			1/2		1/2	
3/4	1,741.64	3/4	1,479.13	3/4	1,216.70	3/4	954.46	3/4	692.47	3/4	429.95	3/4	167.44 <sup>3/4</sup>			3/4		3/4	
10	1,736.17	10	1,473.66	10	1,211.23	10	949.02	10	687.00	10	424.48	10	161.97	10		10		10	
1/4	1,730.70	1/4	1,468.19	1/4	1,205.76	1/4	943.58	1/4	681.53	1/4	419.01	1/4	156.50 <sup>1/4</sup>			1/4		1/4	
1/2	1,725.23	1/2	1,462.72	1/2	1,200.29	1/2	938.14	1/2	676.07	1/2	413.55	1/2	151.03 <sup>1/2</sup>			1/2		1/2	
3/4	1,719.76	3/4	1,457.25	3/4	1,194.82	3/4	932.69	3/4	670.60	3/4	408.08	3/4	145.56 <sup>3/4</sup>			3/4		3/4	
11	1,714.29	11	1,451.78	11	1,189.35	11	927.25	11	665.13	11	402.61	11	140.09	11		11		11	
1/4	1,708.82	1/4	1,446.31	1/4	1,183.88	1/4	921.81	1/4	659.66	1/4	397.14	1/4	134.62 <sup>1/4</sup>			1/4		1/4	
1/2	1,703.36	1/2	1,440.85	1/2	1,178.41	1/2	916.37	1/2	654.19	1/2	391.67	1/2	129.16 <sup>1/2</sup>			1/2		1/2	
3/4	1,697.89	3/4	1,435.38	3/4	1,172.94	3/4	910.92	3/4	648.72	3/4	386.20	3/4	123.69 <sup>3/4</sup>			3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2001 ITS  
DECK MEASUREMENTS: 07/13/2011 SW  
REPRINTED: 07/13/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2002  
Pearland, Texas 77668  
<http://www.pmacorp.net>



# BARGE "WEB 312"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05 1/4"

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.
0	0	0	0	3,772.00	3,517.38	3,253.11	2,988.85	2,724.58	2,460.31	2,196.04
1/4	1/4	1/4	1/4	3,768.79	3,511.88	3,247.61	2,983.34	2,719.07	2,454.81	2,190.54
1/2	1/2	1/2	1/2	3,764.66	3,506.37	3,242.10	2,977.83	2,713.56	2,449.30	2,185.03
3/4	3/4	3/4	3/4	3,760.53	3,500.87	3,236.60	2,972.33	2,708.06	2,443.79	2,179.52
1	1	1	1	3,756.40	3,495.36	3,231.09	2,966.82	2,702.55	2,438.29	2,174.02
1/4	1/4	1/4	1/4	3,752.27	3,489.86	3,225.59	2,961.32	2,697.05	2,432.78	2,168.51
1/2	1/2	1/2	1/2	3,747.23	3,484.35	3,220.08	2,955.81	2,691.54	2,427.27	2,163.00
3/4	3/4	3/4	3/4	3,742.19	3,478.85	3,214.58	2,950.31	2,686.04	2,421.77	2,157.50
2	2	2	2	3,737.15	3,473.34	3,209.07	2,944.80	2,680.53	2,416.26	2,151.99
1/4	1/4	1/4	1/4	3,732.11	3,467.84	3,203.57	2,939.30	2,675.03	2,410.76	2,146.49
1/2	1/2	1/2	1/2	3,726.60	3,462.33	3,198.06	2,933.79	2,669.52	2,405.25	2,140.98
3/4	3/4	3/4	3/4	3,721.10	3,456.82	3,192.56	2,928.29	2,664.02	2,399.75	2,135.48
3	3	3	3	3,715.59	3,451.32	3,187.05	2,922.78	2,658.51	2,394.24	2,129.97
1/4	1/4	1/4	1/4	3,710.08	3,445.81	3,181.55	2,917.28	2,653.01	2,388.74	2,124.47
1/2	1/2	1/2	1/2	3,704.58	3,440.30	3,176.04	2,911.77	2,647.50	2,383.23	2,118.96
3/4	3/4	3/4	3/4	3,699.07	3,434.80	3,170.53	2,906.26	2,642.00	2,377.73	2,113.46
4	4	4	4	3,693.57	3,429.29	3,165.03	2,900.76	2,636.49	2,372.22	2,107.95
1/4	1/4	1/4	1/4	3,688.06	3,423.79	3,159.52	2,895.26	2,630.99	2,366.72	2,102.45
1/2	1/2	1/2	1/2	3,682.56	3,418.28	3,154.01	2,889.74	2,625.48	2,361.21	2,096.94
3/4	3/4	3/4	3/4	3,677.05	3,412.78	3,148.51	2,884.24	2,619.97	2,355.70	2,091.44
5	5	5	5	3,671.55	3,407.27	3,143.00	2,878.73	2,614.47	2,350.20	2,085.93
1/4	1/4	1/4	1/4	3,666.04	3,401.77	3,137.50	2,873.23	2,608.96	2,344.69	2,080.43
1/2	1/2	1/2	1/2	3,660.54	3,396.26	3,131.99	2,867.72	2,603.45	2,339.18	2,074.92
3/4	3/4	3/4	3/4	3,655.03	3,390.76	3,126.49	2,862.22	2,597.95	2,333.68	2,069.41
6	6	6	6	3,649.53	3,385.25	3,120.98	2,856.71	2,592.44	2,328.17	2,063.91
1/4	1/4	1/4	1/4	3,644.02	3,379.75	3,115.48	2,851.21	2,586.94	2,322.67	2,068.40
1/2	1/2	1/2	1/2	3,638.51	3,374.24	3,109.97	2,845.70	2,581.43	2,317.16	2,062.89
3/4	3/4	3/4	3/4	3,633.01	3,368.73	3,104.47	2,840.20	2,575.93	2,311.66	2,047.39
7	7	7	7	3,627.50	3,363.23	3,098.96	2,834.69	2,570.42	2,306.15	2,041.88
1/4	1/4	1/4	1/4	3,621.99	3,357.72	3,093.46	2,829.19	2,564.92	2,300.65	2,036.38
1/2	1/2	1/2	1/2	3,616.49	3,352.21	3,087.95	2,823.68	2,559.41	2,295.14	2,030.87
3/4	3/4	3/4	3/4	3,610.98	3,346.71	3,082.44	2,818.17	2,553.91	2,289.64	2,025.37
8	8	8	8	3,605.48	3,341.20	3,076.94	2,812.67	2,548.40	2,284.13	2,019.86
1/4	1/4	1/4	1/4	3,798.15	3,599.97	3,336.70	2,807.16	2,542.90	2,278.63	2,014.36
1/2	1/2	1/2	1/2	3,797.69	3,594.47	3,330.19	2,801.65	2,537.39	2,273.12	2,008.85
3/4	3/4	3/4	3/4	3,797.23	3,588.96	3,324.69	2,796.15	2,531.88	2,267.61	2,003.35
9	9	9	9	3,796.77	3,583.46	3,319.18	2,790.64	2,526.38	2,262.11	1,997.84
1/4	1/4	1/4	1/4	3,796.31	3,577.95	3,313.68	2,785.14	2,520.87	2,256.60	1,992.34
1/2	1/2	1/2	1/2	3,794.94	3,572.45	3,308.17	2,779.63	2,515.36	2,251.09	1,986.83
3/4	3/4	3/4	3/4	3,793.56	3,566.94	3,302.67	2,774.13	2,509.86	2,245.59	1,981.32
10	10	10	10	3,792.19	3,561.44	3,297.16	2,768.62	2,504.35	2,240.08	1,975.82
1/4	1/4	1/4	1/4	3,790.81	3,555.93	3,291.66	2,763.12	2,498.85	2,234.58	1,970.31
1/2	1/2	1/2	1/2	3,788.52	3,550.42	3,286.15	2,757.61	2,493.34	2,229.07	1,964.80
3/4	3/4	3/4	3/4	3,786.22	3,544.91	3,280.64	2,752.11	2,487.84	2,223.57	1,959.30
11	11	11	11	3,783.93	3,539.41	3,275.14	2,746.60	2,482.33	2,218.06	1,953.79
1/4	1/4	1/4	1/4	3,781.63	3,533.90	3,269.63	2,741.10	2,476.83	2,212.56	1,948.29
1/2	1/2	1/2	1/2	3,778.42	3,528.39	3,264.12	2,735.59	2,471.32	2,207.06	1,942.78
3/4	3/4	3/4	3/4	3,775.21	3,522.89	3,258.62	2,730.08	2,465.82	2,201.55	1,937.28

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 33'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "WEB 312"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05 1/4"

	10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			18 FT.			19 FT.		
0	1,931.77	0	1,667.50	0	1,403.23	0	1,138.96	0	875.78	0	611.75	0	347.48	0	83.21	0		0												
1/4	1,926.27	1/4	1,662.00	1/4	1,397.73	1/4	1,133.46	1/4	870.31	1/4	606.25	1/4	341.98 1/4		77.71	1/4		1/4												
1/2	1,920.76	1/2	1,656.49	1/2	1,392.22	1/2	1,127.95	1/2	864.82	1/2	600.74	1/2	336.47 1/2		72.20	1/2		1/2												
3/4	1,915.26	3/4	1,650.99	3/4	1,386.72	3/4	1,122.45	3/4	859.33	3/4	595.23	3/4	330.96 3/4		66.70	3/4		3/4												
1	1,909.75	1	1,645.48	1	1,381.21	1	1,116.94	1	853.84	1	589.73	1	325.46	1	61.19	1		1												
1/4	1,904.26	1/4	1,639.98	1/4	1,375.71	1/4	1,111.44	1/4	848.35	1/4	584.22	1/4	319.95 1/4		55.69	1/4		1/4												
1/2	1,898.74	1/2	1,634.47	1/2	1,370.20	1/2	1,105.93	1/2	842.86	1/2	578.71	1/2	314.44 1/2		50.18	1/2		1/2												
3/4	1,893.23	3/4	1,628.96	3/4	1,364.70	3/4	1,100.43	3/4	837.37	3/4	573.21	3/4	308.94 3/4		44.67	3/4		3/4												
2	1,887.73	2	1,623.46	2	1,359.19	2	1,094.92	2	831.89	2	567.70	2	303.43	2	39.17	2		2												
1/4	1,882.22	1/4	1,617.95	1/4	1,353.69	1/4	1,089.42	1/4	826.40	1/4	562.20	1/4	297.93 1/4		33.66	1/4		1/4												
1/2	1,876.71	1/2	1,612.44	1/2	1,348.18	1/2	1,083.91	1/2	820.91	1/2	556.69	1/2	292.42 1/2		29.07	1/2		1/2												
3/4	1,871.21	3/4	1,606.94	3/4	1,342.67	3/4	1,078.40	3/4	815.42	3/4	551.19	3/4	286.92 3/4		24.48	3/4		3/4												
3	1,865.70	3	1,601.43	3	1,337.17	3	1,072.90	3	809.94	3	545.68	3	281.41	3	19.90	3		3												
1/4	1,860.20	1/4	1,595.93	1/4	1,331.66	1/4	1,067.39	1/4	804.45	1/4	540.18	1/4	275.91 1/4		15.31	1/4		1/4												
1/2	1,854.69	1/2	1,590.42	1/2	1,326.15	1/2	1,061.90	1/2	798.94	1/2	534.67	1/2	270.40 1/2		12.56	1/2		1/2												
3/4	1,849.19	3/4	1,584.92	3/4	1,320.65	3/4	1,056.41	3/4	793.43	3/4	529.17	3/4	264.90 3/4		9.80	3/4		3/4												
4	1,843.68	4	1,579.41	4	1,315.14	4	1,050.93	4	787.93	4	523.66	4	259.39	4	7.05	4		4												
1/4	1,838.18	1/4	1,573.91	1/4	1,309.64	1/4	1,045.44	1/4	782.42	1/4	518.16	1/4	253.89 1/4		4.30	1/4		1/4												
1/2	1,832.67	1/2	1,568.40	1/2	1,304.13	1/2	1,039.95	1/2	776.91	1/2	512.65	1/2	248.38 1/2		3.38	1/2		1/2												
3/4	1,827.17	3/4	1,562.90	3/4	1,298.63	3/4	1,034.46	3/4	771.41	3/4	507.14	3/4	242.87 3/4		2.46	3/4		3/4												
5	1,821.66	5	1,557.39	5	1,293.12	5	1,028.97	5	765.90	5	501.64	5	237.37	5	1.55	5		5												
1/4	1,816.16	1/4	1,551.89	1/4	1,287.62	1/4	1,023.48	1/4	760.40	1/4	496.13	1/4	231.86 1/4		0.63	1/4		1/4												
1/2	1,810.65	1/2	1,546.38	1/2	1,282.11	1/2	1,017.99	1/2	754.89	1/2	490.62	1/2	226.35	1/2		1/2		1/2												
3/4	1,805.14	3/4	1,540.88	3/4	1,276.61	3/4	1,012.50	3/4	749.39	3/4	485.12	3/4	220.85 3/4			3/4		3/4												
6	1,799.64	6	1,535.37	6	1,271.10	6	1,007.02	6	743.88	6	479.61	6	215.34	6		6		6												
1/4	1,794.13	1/4	1,529.87	1/4	1,265.60	1/4	1,001.53	1/4	738.38	1/4	474.11	1/4	209.84 1/4			1/4		1/4												
1/2	1,788.62	1/2	1,524.36	1/2	1,260.09	1/2	996.06	1/2	732.87	1/2	468.60	1/2	204.33 1/2			1/2		1/2												
3/4	1,783.12	3/4	1,518.85	3/4	1,254.58	3/4	990.59	3/4	727.37	3/4	463.10	3/4	198.83 3/4			3/4		3/4												
7	1,777.61	7	1,513.35	7	1,249.08	7	985.13	7	721.86	7	457.59	7	193.32	7		7		7												
1/4	1,772.11	1/4	1,507.84	1/4	1,243.57	1/4	979.66	1/4	716.36	1/4	452.09	1/4	187.82 1/4			1/4		1/4												
1/2	1,766.60	1/2	1,502.33	1/2	1,238.06	1/2	974.19	1/2	710.86	1/2	446.58	1/2	182.31 1/2			1/2		1/2												
3/4	1,761.10	3/4	1,496.83	3/4	1,232.56	3/4	968.72	3/4	705.35	3/4	441.08	3/4	176.81 3/4			3/4		3/4												
8	1,755.59	8	1,491.32	8	1,227.05	8	963.26	8	699.84	8	435.57	8	171.30	8		8		8												
1/4	1,750.09	1/4	1,485.82	1/4	1,221.55	1/4	957.79	1/4	694.34	1/4	430.07	1/4	165.80 1/4			1/4		1/4												
1/2	1,744.58	1/2	1,480.31	1/2	1,216.04	1/2	952.32	1/2	688.83	1/2	424.56	1/2	160.29 1/2			1/2		1/2												
3/4	1,739.08	3/4	1,474.81	3/4	1,210.54	3/4	946.85	3/4	683.32	3/4	419.05	3/4	154.79 3/4			3/4		3/4												
9	1,733.57	9	1,469.30	9	1,205.03	9	941.39	9	677.82	9	413.55	9	149.28	9		9		9												
1/4	1,728.07	1/4	1,463.80	1/4	1,199.53	1/4	935.92	1/4	672.31	1/4	408.04	1/4	143.78 1/4			1/4		1/4												
1/2	1,722.56	1/2	1,458.29	1/2	1,194.02	1/2	930.45	1/2	666.80	1/2	402.53	1/2	138.27 1/2			1/2		1/2												
3/4	1,717.05	3/4	1,452.79	3/4	1,188.52	3/4	924.98	3/4	661.30	3/4	397.03	3/4	132.76 3/4			3/4		3/4												
10	1,711.55	10	1,447.28	10	1,183.01	10	919.52	10	655.79	10	391.52	10	127.26	10		10		10												
1/4	1,706.04	1/4	1,441.78	1/4	1,177.51	1/4	914.05	1/4	650.29	1/4	386.02	1/4	121.76 1/4			1/4		1/4												
1/2	1,700.53	1/2	1,436.27	1/2	1,172.00	1/2	908.58	1/2	644.78	1/2	380.51	1/2	116.24 1/2			1/2		1/2												
3/4	1,695.03	3/4	1,430.76	3/4	1,166.49	3/4	903.11	3/4	639.28	3/4	375.01	3/4	110.74 3/4			3/4		3/4												
11	1,689.52	11	1,426.26	11	1,160.99	11	897.65	11	633.77	11	369.50	11	105.23	11		11		11												
1/4	1,684.02	1/4	1,419.75	1/4	1,155.48	1/4	892.18	1/4	628.27	1/4	364.00	1/4	99.73	1/4		1/4		1/4												
1/2	1,678.51	1/2	1,414.24	1/2	1,149.97	1/2	886.71	1/2	622.76	1/2	358.49	1/2	94.22	1/2		1/2		1/2												
3/4	1,673.01	3/4	1,408.74	3/4	1,144.47	3/4	881.24	3/4	617.26	3/4	352.99	3/4	88.72	3/4		3/4		3/4												

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2001 ITS  
DECK MEASUREMENTS: 07/13/2011 SW  
REPRINTED: 07/13/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2011

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77668  
<http://www.pmacorp.net>



# BARGE "WEB 312"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05 1/2"

	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
0		0		0		0		0	3,646.78	0	3,283.83	0	3,020.89	0	2,757.95	0	2,495.00	0	2,232.06		
1/4	1/4		1/4		1/4		1/4		3,641.30	1/4	3,278.35	1/4	3,016.41	1/4	2,752.47	1/4	2,489.52	1/4	2,226.58		
1/2	1/2		1/2		1/2		1/2	3,771.14	1/2	3,535.82	1/2	3,272.87	1/2	3,009.93	1/2	2,746.99	1/2	2,484.04	1/2	2,221.10	
3/4	3/4		3/4		3/4		3/4	3,768.75	3/4	3,530.34	3/4	3,267.39	3/4	3,004.46	3/4	2,741.51	3/4	2,478.56	3/4	2,215.62	
1		1		1		1		1	3,766.35	1	3,524.87	1	3,261.92	1	2,998.98	1	2,736.03	1	2,473.09	1	2,210.15
1/4	1/4		1/4		1/4		1/4		3,763.96	1/4	3,519.39	1/4	3,256.44	1/4	2,993.50	1/4	2,730.55	1/4	2,467.61	1/4	2,204.67
1/2	1/2		1/2		1/2		1/2	3,761.56	1/2	3,513.91	1/2	3,250.96	1/2	2,988.02	1/2	2,725.07	1/2	2,462.13	1/2	2,199.19	
3/4	3/4		3/4		3/4		3/4	3,758.25	3/4	3,508.43	3/4	3,245.48	3/4	2,982.54	3/4	2,719.59	3/4	2,456.65	3/4	2,193.71	
2		2		2		2		2	3,754.94	2	3,502.95	2	3,240.01	2	2,977.07	2	2,714.12	2	2,451.18	2	2,188.23
1/4	1/4		1/4		1/4		1/4		3,751.63	1/4	3,497.47	1/4	3,234.53	1/4	2,971.59	1/4	2,708.64	1/4	2,445.70	1/4	2,182.75
1/2	1/2		1/2		1/2		1/2	3,748.32	1/2	3,491.99	1/2	3,229.06	1/2	2,966.11	1/2	2,703.16	1/2	2,440.22	1/2	2,177.27	
3/4	3/4		3/4		3/4		3/4	3,744.10	3/4	3,486.51	3/4	3,223.57	3/4	2,960.63	3/4	2,697.68	3/4	2,434.74	3/4	2,171.79	
3		3		3		3		3	3,739.88	3	3,481.04	3	3,218.10	3	2,955.15	3	2,692.21	3	2,429.27	3	2,166.32
1/4	1/4		1/4		1/4		1/4		3,735.66	1/4	3,475.56	1/4	3,212.62	1/4	2,949.67	1/4	2,686.73	1/4	2,423.79	1/4	2,160.84
1/2	1/2		1/2		1/2		1/2	3,731.43	1/2	3,470.08	1/2	3,207.14	1/2	2,944.19	1/2	2,681.25	1/2	2,418.31	1/2	2,155.36	
3/4	3/4		3/4		3/4		3/4	3,726.35	3/4	3,464.60	3/4	3,201.66	3/4	2,938.71	3/4	2,675.77	3/4	2,412.83	3/4	2,149.88	
4		4		4		4		4	3,721.27	4	3,459.13	4	3,196.19	4	2,933.24	4	2,670.30	4	2,407.36	4	2,144.41
1/4	1/4		1/4		1/4		1/4		3,716.19	1/4	3,453.65	1/4	3,190.71	1/4	2,927.76	1/4	2,664.82	1/4	2,401.87	1/4	2,138.93
1/2	1/2		1/2		1/2		1/2	3,711.11	1/2	3,448.17	1/2	3,185.23	1/2	2,922.28	1/2	2,659.34	1/2	2,396.39	1/2	2,133.45	
3/4	3/4		3/4		3/4		3/4	3,705.63	3/4	3,442.69	3/4	3,179.75	3/4	2,916.80	3/4	2,653.86	3/4	2,390.91	3/4	2,127.97	
5		5		5		5		5	3,700.16	5	3,437.22	5	3,174.27	5	2,911.33	5	2,648.39	5	2,385.44	5	2,122.50
1/4	1/4		1/4		1/4		1/4		3,694.68	1/4	3,431.74	1/4	3,168.79	1/4	2,905.85	1/4	2,642.91	1/4	2,379.96	1/4	2,117.02
1/2	1/2		1/2		1/2		1/2	3,689.20	1/2	3,426.26	1/2	3,163.31	1/2	2,900.37	1/2	2,637.43	1/2	2,374.48	1/2	2,111.54	
3/4	3/4		3/4		3/4		3/4	3,683.72	3/4	3,420.78	3/4	3,157.83	3/4	2,894.89	3/4	2,631.95	3/4	2,369.00	3/4	2,106.06	
6		6		6		6		6	3,678.25	6	3,415.31	6	3,152.36	6	2,889.42	6	2,626.47	6	2,363.53	6	2,100.59
1/4	1/4		1/4		1/4		1/4		3,672.77	1/4	3,409.83	1/4	3,146.88	1/4	2,883.94	1/4	2,620.99	1/4	2,358.05	1/4	2,095.11
1/2	1/2		1/2		1/2		1/2	3,667.29	1/2	3,404.35	1/2	3,141.40	1/2	2,878.46	1/2	2,615.51	1/2	2,352.57	1/2	2,089.63	
3/4	3/4		3/4		3/4		3/4	3,661.81	3/4	3,398.87	3/4	3,135.92	3/4	2,872.98	3/4	2,610.03	3/4	2,347.09	3/4	2,084.15	
7		7		7		7		7	3,656.34	7	3,393.39	7	3,130.45	7	2,867.51	7	2,604.56	7	2,341.62	7	2,078.67
1/4	1/4		1/4		1/4		1/4		3,650.86	1/4	3,387.91	1/4	3,124.97	1/4	2,862.03	1/4	2,599.08	1/4	2,336.14	1/4	2,073.19
1/2	1/2		1/2		1/2		1/2	3,645.38	1/2	3,382.43	1/2	3,119.49	1/2	2,856.55	1/2	2,593.60	1/2	2,330.66	1/2	2,067.71	
3/4	3/4		3/4		3/4		3/4	3,639.90	3/4	3,376.95	3/4	3,114.01	3/4	2,851.07	3/4	2,588.12	3/4	2,325.18	3/4	2,062.23	
8		8		8		8		8	3,634.43	8	3,371.48	8	3,108.54	8	2,845.59	8	2,582.65	8	2,319.71	8	2,056.76
1/4	1/4		1/4		1/4		1/4		3,628.95	1/4	3,366.00	1/4	3,103.06	1/4	2,840.11	1/4	2,577.17	1/4	2,314.23	1/4	2,051.28
1/2	1/2		1/2		1/2		1/2	3,623.47	1/2	3,360.52	1/2	3,097.58	1/2	2,834.63	1/2	2,571.69	1/2	2,308.75	1/2	2,045.80	
3/4	3/4		3/4		3/4		3/4	3,617.99	3/4	3,355.04	3/4	3,092.10	3/4	2,829.15	3/4	2,566.21	3/4	2,303.27	3/4	2,040.32	
9		9		9		9		9	3,612.51	9	3,349.57	9	3,086.63	9	2,823.68	9	2,560.74	9	2,297.79	9	2,034.85
1/4	1/4		1/4		1/4		1/4		3,607.03	1/4	3,344.09	1/4	3,081.15	1/4	2,818.20	1/4	2,555.26	1/4	2,292.31	1/4	2,029.37
1/2	1/2		1/2		1/2		1/2	3,601.55	1/2	3,338.61	1/2	3,075.67	1/2	2,812.72	1/2	2,549.78	1/2	2,286.83	1/2	2,023.89	
3/4	3/4		3/4		3/4		3/4	3,596.07	3/4	3,333.13	3/4	3,070.19	3/4	2,807.24	3/4	2,544.30	3/4	2,281.36	3/4	2,018.41	
10		10		10		10		10	3,590.60	10	3,327.66	10	3,064.71	10	2,801.77	10	2,538.83	10	2,275.88	10	2,012.94
1/4	1/4		1/4		1/4		1/4		3,585.12	1/4	3,322.18	1/4	3,059.23	1/4	2,796.29	1/4	2,533.35	1/4	2,270.40	1/4	2,007.46
1/2	1/2		1/2		1/2		1/2	3,579.64	1/2	3,316.70	1/2	3,053.75	1/2	2,790.81	1/2	2,527.87	1/2	2,264.92	1/2	2,001.99	
3/4	3/4		3/4		3/4		3/4	3,574.16	3/4	3,311.22	3/4	3,048.27	3/4	2,785.33	3/4	2,522.39	3/4	2,259.44	3/4	1,996.51	
11		11		11		11		11	3,568.69	11	3,305.75	11	3,042.80	11	2,779.86	11	2,516.91	11	2,253.97	11	1,991.03
1/4	1/4		1/4		1/4		1/4		3,563.21	1/4	3,300.27	1/4	3,037.32	1/4	2,774.38	1/4	2,511.43	1/4	2,248.49	1/4	1,985.56
1/2	1/2		1/2		1/2		1/2	3,557.73	1/2	3,294.79	1/2	3,031.84	1/2	2,768.90	1/2	2,505.95	1/2	2,243.01	1/2	1,980.07	
3/4	3/4		3/4		3/4		3/4	3,552.25	3/4	3,289.31	3/4	3,026.36	3/4	2,763.42	3/4	2,500.47	3/4	2,237.53	3/4	1,974.59	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 33'-06" FORWARD OF AFT BULKHEAD.

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





# BARGE "WEB 312"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05 1/2"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	1,969.11	0	1,706.17	0	1,443.23	0	1,180.36	0	917.88	0	655.27	0	392.32	0	129.37	0			
1/4	1,963.63	1/4	1,700.69	1/4	1,437.75	1/4	1,174.88	1/4	912.43	1/4	649.79	1/4	386.84 <sup>1/4</sup>		123.89	1/4			
1/2	1,968.15	1/2	1,695.21	1/2	1,432.27	1/2	1,169.40	1/2	906.98	1/2	644.31	1/2	381.36 <sup>1/2</sup>		118.41	1/2			
3/4	1,962.67	3/4	1,689.73	3/4	1,426.80	3/4	1,163.92	3/4	901.53	3/4	638.83	3/4	375.88 <sup>3/4</sup>		112.93	3/4			
1	1,947.20	1	1,684.26	1	1,421.32	1	1,158.45	1	896.08	1	633.35	1	370.41	1	107.46	1			
1/4	1,941.72	1/4	1,678.78	1/4	1,415.85	1/4	1,152.97	1/4	890.62	1/4	627.87	1/4	364.93 <sup>1/4</sup>		101.98	1/4			
1/2	1,936.24	1/2	1,673.30	1/2	1,410.37	1/2	1,147.49	1/2	885.17	1/2	622.39	1/2	359.46 <sup>1/2</sup>		96.50	1/2			
3/4	1,930.76	3/4	1,667.82	3/4	1,404.90	3/4	1,142.01	3/4	879.72	3/4	616.91	3/4	353.97 <sup>3/4</sup>		91.02	3/4			
2	1,925.29	2	1,662.35	2	1,399.42	2	1,136.54	2	874.27	2	611.44	2	348.49	2	85.54	2			
1/4	1,919.81	1/4	1,656.87	1/4	1,393.95	1/4	1,131.06	1/4	868.81	1/4	605.96	1/4	343.01 <sup>1/4</sup>		80.06	1/4			
1/2	1,914.33	1/2	1,651.39	1/2	1,388.47	1/2	1,125.58	1/2	863.36	1/2	600.48	1/2	337.53 <sup>1/2</sup>		74.58	1/2			
3/4	1,908.85	3/4	1,645.91	3/4	1,383.00	3/4	1,120.10	3/4	857.89	3/4	595.00	3/4	332.05 <sup>3/4</sup>		69.10	3/4			
3	1,903.38	3	1,640.43	3	1,377.52	3	1,114.62	3	852.42	3	589.53	3	326.58	3	63.63	3			
1/4	1,897.90	1/4	1,634.95	1/4	1,372.05	1/4	1,109.14	1/4	846.94	1/4	584.05	1/4	321.10 <sup>1/4</sup>		58.15	1/4			
1/2	1,892.42	1/2	1,629.47	1/2	1,366.57	1/2	1,103.66	1/2	841.47	1/2	578.57	1/2	315.62 <sup>1/2</sup>		52.67	1/2			
3/4	1,886.94	3/4	1,623.99	3/4	1,361.10	3/4	1,098.18	3/4	836.00	3/4	573.09	3/4	310.14 <sup>3/4</sup>		47.31	3/4			
4	1,881.47	4	1,618.52	4	1,355.62	4	1,092.71	4	830.53	4	567.62	4	304.67	4	41.95	4			
1/4	1,875.99	1/4	1,613.04	1/4	1,350.15	1/4	1,087.23	1/4	825.05	1/4	562.14	1/4	299.19 <sup>1/4</sup>		36.58	1/4			
1/2	1,870.51	1/2	1,607.56	1/2	1,344.67	1/2	1,081.75	1/2	819.58	1/2	556.66	1/2	293.71 <sup>1/2</sup>		31.22	1/2			
3/4	1,865.03	3/4	1,602.08	3/4	1,339.19	3/4	1,076.27	3/4	814.11	3/4	551.18	3/4	288.23 <sup>3/4</sup>		26.88	3/4			
5	1,859.55	5	1,596.61	5	1,333.72	5	1,070.80	5	808.64	5	545.70	5	282.76	5	22.55	5			
1/4	1,854.07	1/4	1,591.13	1/4	1,328.24	1/4	1,065.32	1/4	803.16	1/4	540.22	1/4	277.28 <sup>1/4</sup>		18.21	1/4			
1/2	1,848.59	1/2	1,585.65	1/2	1,322.76	1/2	1,059.84	1/2	797.69	1/2	534.74	1/2	271.80 <sup>1/2</sup>		13.87	1/2			
3/4	1,843.11	3/4	1,580.17	3/4	1,317.29	3/4	1,054.37	3/4	792.21	3/4	529.26	3/4	266.32	3/4		3/4			
6	1,837.64	6	1,574.70	6	1,311.81	6	1,048.90	6	786.74	6	523.79	6	260.84	6		6			
1/4	1,832.16	1/4	1,569.22	1/4	1,306.34	1/4	1,043.42	1/4	781.26	1/4	518.31	1/4	255.36 <sup>1/4</sup>			1/4			
1/2	1,826.68	1/2	1,563.74	1/2	1,300.86	1/2	1,037.95	1/2	775.78	1/2	512.83	1/2	249.88 <sup>1/2</sup>			1/2			
3/4	1,821.20	3/4	1,558.26	3/4	1,295.39	3/4	1,032.48	3/4	770.30	3/4	507.35	3/4	244.40 <sup>3/4</sup>			3/4			
7	1,815.73	7	1,552.79	7	1,289.91	7	1,027.01	7	764.83	7	501.88	7	238.93	7		7			
1/4	1,810.25	1/4	1,547.31	1/4	1,284.44	1/4	1,021.54	1/4	759.35	1/4	496.40	1/4	233.45 <sup>1/4</sup>			1/4			
1/2	1,804.77	1/2	1,541.83	1/2	1,278.96	1/2	1,016.07	1/2	753.87	1/2	490.92	1/2	227.97 <sup>1/2</sup>			1/2			
3/4	1,799.29	3/4	1,536.35	3/4	1,273.48	3/4	1,010.60	3/4	748.39	3/4	485.44	3/4	222.49 <sup>3/4</sup>			3/4			
8	1,793.82	8	1,530.87	8	1,268.01	8	1,005.13	8	742.92	8	479.97	8	217.02	8		8			
1/4	1,788.34	1/4	1,525.39	1/4	1,262.53	1/4	999.66	1/4	737.44	1/4	474.49	1/4	211.54 <sup>1/4</sup>			1/4			
1/2	1,782.86	1/2	1,519.91	1/2	1,257.05	1/2	994.19	1/2	731.96	1/2	469.01	1/2	206.06 <sup>1/2</sup>			1/2			
3/4	1,777.38	3/4	1,514.43	3/4	1,251.57	3/4	988.74	3/4	726.48	3/4	463.53	3/4	200.58 <sup>3/4</sup>			3/4			
9	1,771.91	9	1,508.96	9	1,246.10	9	983.29	9	721.00	9	458.06	9	195.11	9		9			
1/4	1,766.43	1/4	1,503.48	1/4	1,240.62	1/4	977.84	1/4	715.52	1/4	452.58	1/4	189.63 <sup>1/4</sup>			1/4			
1/2	1,760.95	1/2	1,498.00	1/2	1,235.14	1/2	972.39	1/2	710.04	1/2	447.10	1/2	184.15 <sup>1/2</sup>			1/2			
3/4	1,755.47	3/4	1,492.52	3/4	1,229.66	3/4	966.94	3/4	704.56	3/4	441.62	3/4	178.67 <sup>3/4</sup>			3/4			
10	1,749.99	10	1,487.05	10	1,224.18	10	961.49	10	699.09	10	436.14	10	173.19	10		10			
1/4	1,744.51	1/4	1,481.57	1/4	1,218.70	1/4	956.03	1/4	693.61	1/4	430.66	1/4	167.71 <sup>1/4</sup>			1/4			
1/2	1,739.03	1/2	1,476.09	1/2	1,213.22	1/2	950.58	1/2	688.13	1/2	425.18	1/2	162.23 <sup>1/2</sup>			1/2			
3/4	1,733.55	3/4	1,470.61	3/4	1,207.74	3/4	945.13	3/4	682.65	3/4	419.70	3/4	156.75 <sup>3/4</sup>			3/4			
11	1,728.08	11	1,465.14	11	1,202.27	11	939.68	11	677.18	11	414.23	11	151.28	11		11			
1/4	1,722.60	1/4	1,459.66	1/4	1,196.79	1/4	934.23	1/4	671.70	1/4	408.75	1/4	145.80 <sup>1/4</sup>			1/4			
1/2	1,717.12	1/2	1,454.18	1/2	1,191.31	1/2	928.78	1/2	666.22	1/2	403.27	1/2	140.32 <sup>1/2</sup>			1/2			
3/4	1,711.64	3/4	1,448.70	3/4	1,185.83	3/4	923.33	3/4	660.74	3/4	397.79	3/4	134.84 <sup>3/4</sup>			3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2001 ITS  
DECK MEASUREMENTS: 07/13/2011 SW  
REPRINTED: 07/13/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2011

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



# BARGE "WEB 312"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 9'-03" OFF CENTERLINE AND 33'-06" FORWARD OF AFT BULKHEAD.

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



# BARGE "WEB 312"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-05"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	1,946.04	1,684.66	1,423.29	1,161.91	901.36	640.46	379.08	117.71		
1/4	1,940.69	1,679.21	1,417.84	1,156.46	895.95	636.01	373.63 <sup>1/4</sup>	112.26		
1/2	1,935.15	1,673.77	1,412.39	1,151.01	890.54	629.57	368.19 <sup>1/2</sup>	106.81		
3/4	1,929.70	1,668.32	1,406.95	1,145.57	885.14	624.12	362.74 <sup>3/4</sup>	101.37		
1	1,924.26	1,662.88	1,401.50	1,140.12	879.73	618.68	357.30	95.92		
1/4	1,918.81	1,657.43	1,396.05	1,134.67	874.32	613.23	351.85 <sup>1/4</sup>	90.47		
1/2	1,913.37	1,651.99	1,390.61	1,129.23	868.91	607.79	346.41 <sup>1/2</sup>	85.03		
3/4	1,907.92	1,646.54	1,385.16	1,123.78	863.50	602.34	340.96 <sup>3/4</sup>	79.58		
2	1,902.48	1,641.10	1,379.72	1,118.34	858.09	596.90	335.52	74.14		
1/4	1,897.03	1,635.65	1,374.27	1,112.89	852.66	591.45	330.07 <sup>1/4</sup>	68.69		
1/2	1,891.59	1,630.21	1,368.83	1,107.45	847.23	586.01	324.63 <sup>1/2</sup>	63.25		
3/4	1,886.14	1,624.76	1,363.38	1,102.00	841.80	580.56	319.18 <sup>3/4</sup>	57.80		
3	1,880.70	1,619.32	1,357.94	1,096.56	836.37	575.12	313.74	52.36		
1/4	1,875.25	1,613.87	1,352.49	1,091.11	830.94	569.67	308.29 <sup>1/4</sup>	47.03		
1/2	1,869.81	1,608.43	1,347.05	1,085.67	825.51	564.23	302.86 <sup>1/2</sup>	41.69		
3/4	1,864.36	1,602.98	1,341.60	1,080.22	820.09	558.78	297.40 <sup>3/4</sup>	36.36		
4	1,858.92	1,697.54	1,336.16	1,074.78	814.66	553.34	291.96	31.03		
1/4	1,853.47	1,692.09	1,330.71	1,069.34	809.23	547.89	286.51 <sup>1/4</sup>	26.72		
1/2	1,848.03	1,686.65	1,325.27	1,063.89	803.80	542.45	281.07 <sup>1/2</sup>	22.41		
3/4	1,842.58	1,681.20	1,319.82	1,058.45	798.37	537.00	275.62 <sup>3/4</sup>	18.10		
5	1,837.14	1,675.76	1,314.38	1,053.01	792.94	531.56	270.18	13.79		
1/4	1,831.69	1,670.31	1,308.93	1,047.58	787.49	526.11	264.73	9.48		
1/2	1,826.24	1,664.87	1,303.49	1,042.15	782.04	520.66	259.29 <sup>1/2</sup>	5.17		
3/4	1,820.80	1,659.42	1,298.04	1,036.72	776.60	515.22	253.84 <sup>3/4</sup>	0.86		
6	1,815.36	1,653.98	1,292.60	1,031.29	771.15	509.77	248.40			
1/4	1,809.90	1,648.53	1,287.15	1,025.86	765.70	504.32	242.95 <sup>1/4</sup>			
1/2	1,804.46	1,643.08	1,281.70	1,020.43	760.26	498.88	237.50 <sup>1/2</sup>			
3/4	1,799.01	1,637.64	1,276.26	1,015.01	754.81	493.43	232.06 <sup>3/4</sup>			
7	1,793.57	1,632.19	1,270.81	1,009.58	749.37	487.99	226.61			
1/4	1,788.12	1,626.74	1,265.36	1,004.15	743.92	482.54	221.16 <sup>1/4</sup>			
1/2	1,782.68	1,621.30	1,259.92	998.72	738.48	477.10	215.72 <sup>1/2</sup>			
3/4	1,777.23	1,615.85	1,254.47	993.30	733.03	471.65	210.27 <sup>3/4</sup>			
8	1,771.79	1,610.41	1,249.03	987.87	727.59	466.21	204.83			
1/4	1,766.34	1,604.96	1,243.58	982.46	722.14	460.76	199.38 <sup>1/4</sup>			
1/2	1,760.90	1,499.52	1,238.14	977.06	716.70	455.32	193.94 <sup>1/2</sup>			
3/4	1,755.45	1,494.07	1,232.69	971.65	711.25	449.87	188.49 <sup>3/4</sup>			
9	1,750.01	1,488.63	1,227.25	966.24	705.81	444.43	183.05			
1/4	1,744.56	1,483.18	1,221.80	960.83	700.36	438.98	177.60 <sup>1/4</sup>			
1/2	1,739.12	1,477.74	1,216.36	955.42	694.92	433.54	172.16 <sup>1/2</sup>			
3/4	1,733.67	1,472.29	1,210.91	950.02	689.47	428.09	166.71 <sup>3/4</sup>			
10	1,728.23	1,466.85	1,205.47	944.61	684.03	422.65	161.27			
1/4	1,722.78	1,461.40	1,200.02	939.20	678.58	417.20	155.82 <sup>1/4</sup>			
1/2	1,717.34	1,455.96	1,194.58	933.79	673.14	411.76	150.38 <sup>1/2</sup>			
3/4	1,711.89	1,450.51	1,189.13	928.39	667.69	406.31	144.93 <sup>3/4</sup>			
11	1,706.45	1,445.07	1,183.69	922.98	662.25	400.87	139.49			
1/4	1,701.00	1,439.62	1,178.24	917.57	656.80	395.42	134.04 <sup>1/4</sup>			
1/2	1,695.55	1,434.18	1,172.80	912.17	651.35	389.97	128.60 <sup>1/2</sup>			
3/4	1,690.11	1,428.73	1,167.35	906.76	645.91	384.53	123.15 <sup>3/4</sup>			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2001 ITS  
DECK MEASUREMENTS: 07/13/2011 SW  
REPRINTED: 07/13/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2011

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



# BARGE "WEB 312"

## 4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07"

	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0		0		0		0		0	6,063.18	0	5,730.71	0	5,397.26	0	5,014.46	0	4,539.17	0	4,063.32	
1/4	1/4		1/4		1/4		1/4	6,344.73	6,056.26	1/4	5,723.79	1/4	5,390.31	1/4	5,004.60	1/4	4,529.27	1/4	4,053.41	
1/2		1/2		1/2		1/2		6,341.89	6,049.33	1/2	5,716.86	1/2	5,383.36	1/2	4,994.74	1/2	4,519.36	1/2	4,043.50	
3/4		3/4		3/4		3/4		6,339.05	6,042.40	3/4	5,709.94	3/4	5,376.41	3/4	4,984.88	3/4	4,509.46	3/4	4,033.59	
1		1		1		1		6,336.21	6,036.47	1	5,703.01	1	5,369.46	1	4,975.02	1	4,499.55	1	4,023.68	
1/4	1/4		1/4		1/4		1/4	6,332.96	6,028.55	1/4	5,696.08	1/4	5,362.51	1/4	4,965.12	1/4	4,489.64	1/4	4,013.77	
1/2		1/2		1/2		1/2		6,329.71	6,021.62	1/2	5,689.14	1/2	5,355.56	1/2	4,955.21	1/2	4,479.74	1/2	4,003.86	
3/4		3/4		3/4		3/4		6,326.46	6,014.70	3/4	5,682.21	3/4	5,348.61	3/4	4,945.31	3/4	4,469.83	3/4	3,993.95	
2		2		2		2		6,323.20	6,007.77	2	5,675.27	2	5,341.66	2	4,935.40	2	4,459.92	2	3,984.04	
1/4	1/4		1/4		1/4		1/4	6,318.79	6,000.84	1/4	5,668.32	1/4	5,334.71	1/4	4,925.49	1/4	4,450.02	1/4	3,974.12	
1/2		1/2		1/2		1/2		6,314.38	5,993.92	1/2	5,661.37	1/2	5,327.76	1/2	4,915.59	1/2	4,440.11	1/2	3,964.20	
3/4		3/4		3/4		3/4		6,309.96	5,986.99	3/4	5,654.41	3/4	5,320.81	3/4	4,905.68	3/4	4,430.21	3/4	3,954.28	
3		3		3		3		6,305.55	5,980.06	3	5,647.46	3	5,313.86	3	4,895.77	3	4,420.30	3	3,944.36	
1/4	1/4		1/4		1/4		1/4	6,299.98	5,973.14	1/4	5,640.51	1/4	5,306.91	1/4	4,885.87	1/4	4,410.40	1/4	3,934.43	
1/2		1/2		1/2		1/2		6,294.41	5,966.21	1/2	5,633.56	1/2	5,299.96	1/2	4,875.96	1/2	4,400.49	1/2	3,924.49	
3/4		3/4		3/4		3/4		6,288.83	5,959.29	3/4	5,626.61	3/4	5,293.00	3/4	4,866.06	3/4	4,390.59	3/4	3,914.56	
4		4		4		4		6,283.26	5,952.36	4	5,619.66	4	5,286.05	4	4,856.15	4	4,380.68	4	3,904.62	
1/4	1/4		1/4		1/4		1/4	6,276.73	5,945.43	1/4	5,612.71	1/4	5,279.01	1/4	4,846.25	1/4	4,370.77	1/4	3,894.69	
1/2		1/2		1/2		1/2		6,270.19	5,938.51	1/2	5,605.76	1/2	5,271.97	1/2	4,836.34	1/2	4,360.87	1/2	3,884.76	
3/4		3/4		3/4		3/4		6,263.66	5,931.58	3/4	5,598.81	3/4	5,264.92	3/4	4,826.44	3/4	4,350.96	3/4	3,874.82	
5		5		5		5		6,257.12	5,924.65	5	5,591.86	5	5,257.88	5	4,816.53	5	4,341.05	5	3,864.89	
1/4	1/4		1/4		1/4		1/4	6,250.19	5,917.73	1/4	5,584.91	1/4	5,250.91	1/4	4,806.63	1/4	4,331.15	1/4	3,854.96	
1/2		1/2		1/2		1/2		6,243.27	5,910.80	1/2	5,577.96	1/2	5,243.11	1/2	4,796.72	1/2	4,321.24	1/2	3,845.02	
3/4		3/4		3/4		3/4		6,236.34	5,903.88	3/4	5,571.01	3/4	5,235.72	3/4	4,786.82	3/4	4,311.34	3/4	3,835.09	
6		6		6		6		6,229.41	5,896.95	6	5,564.06	6	5,228.33	6	4,776.91	6	4,301.43	6	3,825.15	
1/4	1/4		1/4		1/4		1/4	6,222.49	5,890.02	1/4	5,557.11	1/4	5,220.46	1/4	4,767.00	1/4	4,291.53	1/4	3,815.22	
1/2		1/2		1/2		1/2		6,215.56	5,883.10	1/2	5,550.16	1/2	5,212.59	1/2	4,757.10	1/2	4,281.62	1/2	3,805.29	
3/4		3/4		3/4		3/4		6,208.64	5,876.17	3/4	5,543.21	3/4	5,204.71	3/4	4,747.19	3/4	4,271.72	3/4	3,795.35	
7		7		7		7		6,201.71	5,869.24	7	5,536.26	7	5,196.84	7	4,737.28	7	4,261.81	7	3,785.42	
1/4	1/4		1/4		1/4		1/4	6,194.78	5,862.31	1/4	5,529.31	1/4	5,188.53	1/4	4,727.38	1/4	4,251.89	1/4	3,775.49	
1/2		1/2		1/2		1/2		6,187.86	5,855.39	1/2	5,522.36	1/2	5,180.22	1/2	4,717.47	1/2	4,241.97	1/2	3,765.56	
3/4		3/4		3/4		3/4		6,180.93	5,848.46	3/4	5,515.41	3/4	5,171.90	3/4	4,707.57	3/4	4,232.05	3/4	3,755.62	
8		8		8		8		6,174.00	5,841.53	8	5,508.46	8	5,163.59	8	4,697.66	8	4,222.13	8	3,745.69	
1/4	1/4		1/4		1/4		1/4	6,167.08	5,834.61	1/4	5,501.51	1/4	5,154.82	1/4	4,687.76	1/4	4,212.19	1/4	3,735.76	
1/2		1/2		1/2		1/2		6,160.15	5,827.68	1/2	5,494.56	1/2	5,146.06	1/2	4,677.85	1/2	4,202.24	1/2	3,725.82	
3/4		3/4		3/4		3/4		6,153.23	5,820.76	3/4	5,487.61	3/4	5,137.29	3/4	4,667.95	3/4	4,192.30	3/4	3,715.89	
9		9		9		9		6,146.30	5,813.83	9	5,480.66	9	5,128.52	9	4,658.04	9	4,182.36	9	3,705.95	
1/4	1/4		1/4		1/4		1/4	6,139.37	5,806.90	1/4	5,473.71	1/4	5,119.32	1/4	4,648.13	1/4	4,172.41	1/4	3,696.02	
1/2		1/2		1/2		1/2		6,132.45	5,799.98	1/2	5,466.76	1/2	5,110.11	1/2	4,638.23	1/2	4,162.48	1/2	3,686.09	
3/4		3/4		3/4		3/4		6,125.52	5,793.05	3/4	5,459.81	3/4	5,100.91	3/4	4,628.32	3/4	4,152.54	3/4	3,676.15	
10		10		10		10		6,118.59	5,786.12	10	5,452.86	10	5,091.70	10	4,618.41	10	4,142.60	10	3,666.22	
1/4	1/4		1/4		1/4		1/4	6,111.67	5,779.20	1/4	5,445.91	1/4	5,082.23	1/4	4,608.51	1/4	4,132.69	1/4	3,656.29	
1/2		1/2		1/2		1/2		6,104.74	5,772.27	1/2	5,438.96	1/2	5,072.75	1/2	4,598.60	1/2	4,122.78	1/2	3,646.35	
3/4		3/4		3/4		3/4		6,097.82	5,765.35	3/4	5,432.01	3/4	5,063.28	3/4	4,588.70	3/4	4,112.87	3/4	3,636.42	
11		11		11		11		6,090.89	5,758.42	11	5,425.06	11	5,053.80	11	4,578.79	11	4,102.96	11	3,626.48	
1/4	1/4		1/4		1/4		1/4	6,083.96	5,751.49	1/4	5,418.11	1/4	5,043.97	1/4	4,568.89	1/4	4,093.05	1/4	3,616.55	
1/2		1/2		1/2		1/2		6,077.04	5,744.57	1/2	5,411.16	1/2	5,034.13	1/2	4,558.98	1/2	4,083.14	1/2	3,606.62	
3/4		3/4		3/4		3/4		6,070.11	5,737.64	3/4	5,404.21	3/4	5,024.30	3/4	4,549.08	3/4	4,073.23	3/4	3,596.68	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 5'-00" OFF CENTERLINE AND 28'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77568  
<http://www.pmacorp.net>



# BARGE "WEB 312"

## 4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	3,586.76	3,109.80	2,632.19	2,154.72	1,677.53	1,200.25	722.61	246.07		
1/4	3,576.82	3,099.85	2,622.25	2,144.77	1,667.62	1,190.30	712.66 <sup>1/4</sup>	236.12		
1/2	3,566.88	3,089.90	2,612.31	2,134.82	1,657.70	1,180.35	702.72 <sup>1/2</sup>	226.17		
3/4	3,556.95	3,079.95	2,602.36	2,124.87	1,647.79	1,170.39	692.77 <sup>3/4</sup>	216.21		
1	3,547.01	3,070.00	2,592.42	2,114.92	1,637.87	1,160.44	682.82	206.26		
1/4	3,537.08	3,060.05	2,582.48	2,104.97	1,627.95	1,150.49	672.87 <sup>1/4</sup>	196.31		
1/2	3,527.15	3,050.10	2,572.54	2,095.02	1,618.04	1,140.54	662.93 <sup>1/2</sup>	186.36		
3/4	3,517.21	3,040.14	2,562.59	2,085.06	1,608.12	1,130.59	652.98 <sup>3/4</sup>	176.41		
2	3,507.28	3,030.19	2,552.65	2,075.11	1,598.20	1,120.64	643.03	166.46		
1/4	3,497.35	3,020.24	2,542.71	2,065.16	1,588.27	1,110.69	633.08 <sup>1/4</sup>	156.51		
1/2	3,487.42	3,010.29	2,532.76	2,055.21	1,578.35	1,100.74	623.14 <sup>1/2</sup>	146.56		
3/4	3,477.48	3,000.34	2,522.82	2,045.26	1,568.42	1,090.78	613.19 <sup>3/4</sup>	136.60		
3	3,467.55	2,990.39	2,512.87	2,035.31	1,558.49	1,080.83	603.24	126.65		
1/4	3,457.62	2,980.44	2,502.93	2,025.36	1,548.54	1,070.88	593.29 <sup>1/4</sup>	116.70		
1/2	3,447.68	2,970.49	2,492.99	2,015.41	1,538.59	1,060.93	583.34 <sup>1/2</sup>	106.75		
3/4	3,437.75	2,960.53	2,483.04	2,005.45	1,528.64	1,050.98	573.39 <sup>3/4</sup>	96.80		
4	3,427.81	2,950.58	2,473.10	1,995.50	1,518.69	1,041.03	563.44	86.85		
1/4	3,417.88	2,940.63	2,463.16	1,985.55	1,508.74	1,031.08	553.49 <sup>1/4</sup>	76.90		
1/2	3,407.95	2,930.68	2,453.21	1,975.60	1,498.79	1,021.13	543.55 <sup>1/2</sup>	66.95		
3/4	3,398.01	2,920.73	2,443.27	1,965.65	1,488.84	1,011.17	533.60 <sup>3/4</sup>	57.00		
5	3,388.08	2,910.78	2,433.32	1,955.70	1,478.89	1,001.22	523.65	47.05		
1/4	3,378.15	2,900.83	2,423.38	1,945.75	1,468.94	991.27	513.70 <sup>1/4</sup>	37.10		
1/2	3,368.21	2,890.88	2,413.43	1,935.80	1,458.99	981.32	503.76 <sup>1/2</sup>	27.15		
3/4	3,358.28	2,880.93	2,403.49	1,925.84	1,449.03	971.37	493.81 <sup>3/4</sup>	17.20		
6	3,348.34	2,870.98	2,393.54	1,915.89	1,439.08	961.42	483.86	7.25		
1/4	3,338.41	2,861.03	2,383.59	1,905.94	1,429.13	951.47	473.91 <sup>1/4</sup>	1.30		
1/2	3,328.48	2,851.08	2,373.65	1,895.99	1,419.18	941.52	463.96 <sup>1/2</sup>			
3/4	3,318.54	2,841.12	2,363.70	1,886.04	1,409.23	931.56	454.01 <sup>3/4</sup>			
7	3,308.61	2,831.17	2,353.75	1,876.09	1,399.28	921.61	444.06			
1/4	3,298.68	2,821.22	2,343.80	1,866.14	1,389.33	911.66	434.11			
1/2	3,288.74	2,811.27	2,333.85	1,856.19	1,379.38	901.71	424.17 <sup>1/2</sup>			
3/4	3,278.81	2,801.32	2,323.89	1,846.23	1,369.42	891.76	414.22 <sup>3/4</sup>			
8	3,268.87	2,791.37	2,313.94	1,836.28	1,359.47	881.81	404.27			
1/4	3,258.94	2,781.42	2,303.99	1,826.34	1,349.52	871.86	394.32 <sup>1/4</sup>			
1/2	3,249.01	2,771.47	2,294.04	1,816.41	1,339.57	861.91	384.38 <sup>1/2</sup>			
3/4	3,239.07	2,761.51	2,284.09	1,806.47	1,329.62	851.95	374.43 <sup>3/4</sup>			
9	3,229.14	2,751.56	2,274.14	1,796.53	1,319.67	842.00	364.48			
1/4	3,219.20	2,741.61	2,264.19	1,786.61	1,309.72	832.05	354.53 <sup>1/4</sup>			
1/2	3,209.26	2,731.66	2,254.24	1,776.70	1,299.77	822.10	344.58 <sup>1/2</sup>			
3/4	3,199.32	2,721.71	2,244.28	1,766.78	1,289.81	812.15	334.63 <sup>3/4</sup>			
10	3,189.38	2,711.76	2,234.33	1,756.86	1,279.86	802.20	324.68			
1/4	3,179.44	2,701.81	2,224.38	1,746.95	1,269.91	792.25	314.73 <sup>1/4</sup>			
1/2	3,169.49	2,691.87	2,214.43	1,737.03	1,259.96	782.31	304.78 <sup>1/2</sup>			
3/4	3,159.55	2,681.92	2,204.48	1,727.12	1,250.01	772.36	294.82 <sup>3/4</sup>			
11	3,149.60	2,671.97	2,194.53	1,717.20	1,240.06	762.41	284.87			
1/4	3,139.66	2,662.03	2,184.58	1,707.28	1,230.11	752.46	274.92 <sup>1/4</sup>			
1/2	3,129.70	2,652.08	2,174.63	1,697.37	1,220.16	742.51	264.97 <sup>1/2</sup>			
3/4	3,119.75	2,642.14	2,164.67	1,687.45	1,210.20	732.56	255.02 <sup>3/4</sup>			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/28/2001 ITS  
DECK MEASUREMENTS: 07/13/2011 SW  
REPRINTED: 07/13/2011 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2011

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