



BARGE "WEB 325"

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	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4
2 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
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 2 PORT IS 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 238'-00"

July 3, 2012

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

<http://www.pmacorp.net>



BARGE WEB 325"

1 CENTER ULLAGE TABLE

GAUGE HEIGHT 17'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	0	0	0	0	7,022.66	0	6,530.44	0	6,038.48	0	5,545.23	0	5,049.79	0	4,554.34	0	4,058.89		
1/4	1/4	1/4	1/4	1/4	1/4	7,012.31	1/4	6,520.19	1/4	6,028.23	1/4	5,534.91	1/4	5,039.46	1/4	4,544.02	1/4	4,048.57		
1/2	1/2	1/2	1/2	1/2	1/2	7,002.06	1/2	6,509.94	1/2	6,017.98	1/2	5,524.69	1/2	5,029.14	1/2	4,533.70	1/2	4,038.26		
3/4	3/4	3/4	3/4	3/4	3/4	6,991.80	3/4	6,499.69	3/4	6,007.73	3/4	5,514.27	3/4	5,018.82	3/4	4,523.37	3/4	4,027.93		
1	1	1	1	1	1	6,981.53	1	6,489.46	1	5,997.48	1	5,503.95	1	5,008.50	1	4,513.05	1	4,017.61		
1/4	1/4	1/4	1/4	1/4	1/4	6,971.27	1/4	6,479.20	1/4	5,987.23	1/4	5,493.62	1/4	4,998.18	1/4	4,502.73	1/4	4,007.28		
1/2	1/2	1/2	1/2	1/2	1/2	6,961.00	1/2	6,468.96	1/2	5,976.98	1/2	5,483.30	1/2	4,987.86	1/2	4,492.41	1/2	3,996.96		
3/4	3/4	3/4	3/4	3/4	3/4	6,950.73	3/4	6,458.70	3/4	5,966.73	3/4	5,472.98	3/4	4,977.53	3/4	4,482.09	3/4	3,986.64		
2	2	2	2	2	2	6,940.46	2	6,448.46	2	5,966.48	2	5,462.66	2	4,967.21	2	4,471.77	2	3,976.32		
1/4	1/4	1/4	1/4	1/4	1/4	6,930.19	1/4	6,438.20	1/4	5,946.23	1/4	5,452.34	1/4	4,956.89	1/4	4,461.44	1/4	3,966.00		
1/2	1/2	1/2	1/2	1/2	1/2	6,919.93	1/2	6,427.95	1/2	5,935.98	1/2	5,442.01	1/2	4,946.67	1/2	4,451.12	1/2	3,955.68		
3/4	3/4	3/4	3/4	3/4	3/4	6,909.67	3/4	6,417.70	3/4	5,925.73	3/4	5,431.69	3/4	4,936.26	3/4	4,440.80	3/4	3,945.36		
3	3	3	3	3	3	6,899.42	3	6,407.46	3	5,915.48	3	5,421.37	3	4,925.92	3	4,430.48	3	3,935.03		
1/4	1/4	1/4	1/4	1/4	1/4	6,889.17	1/4	6,397.20	1/4	5,905.23	1/4	5,411.05	1/4	4,915.60	1/4	4,420.16	1/4	3,924.71		
1/2	1/2	1/2	1/2	1/2	1/2	6,878.92	1/2	6,386.96	1/2	5,894.99	1/2	5,400.73	1/2	4,905.28	1/2	4,409.83	1/2	3,914.39		
3/4	3/4	3/4	3/4	3/4	3/4	6,868.67	3/4	6,376.70	3/4	5,884.74	3/4	5,390.41	3/4	4,894.96	3/4	4,399.61	3/4	3,904.07		
4	4	4	4	4	4	6,858.42	4	6,366.46	4	5,874.49	4	5,380.08	4	4,884.64	4	4,389.19	4	3,893.74		
1/4	1/4	1/4	1/4	1/4	1/4	6,848.17	1/4	6,356.20	1/4	5,864.24	1/4	5,369.76	1/4	4,874.32	1/4	4,378.87	1/4	3,883.42		
1/2	1/2	1/2	1/2	1/2	1/2	6,837.92	1/2	6,345.95	1/2	5,853.99	1/2	5,359.44	1/2	4,863.99	1/2	4,368.55	1/2	3,873.10		
3/4	3/4	3/4	3/4	3/4	3/4	6,827.67	3/4	6,335.71	3/4	5,843.74	3/4	5,349.12	3/4	4,853.67	3/4	4,358.23	3/4	3,862.78		
5	5	5	5	5	5	6,817.42	5	6,325.46	5	5,833.49	5	5,338.80	5	4,843.35	5	4,347.90	5	3,852.46		
1/4	1/4	1/4	1/4	1/4	1/4	6,807.17	1/4	6,315.21	1/4	5,823.24	1/4	5,328.47	1/4	4,833.03	1/4	4,337.58	1/4	3,842.14		
1/2	1/2	1/2	1/2	1/2	1/2	6,796.92	1/2	6,304.96	1/2	5,812.99	1/2	5,318.15	1/2	4,822.71	1/2	4,327.26	1/2	3,831.81		
3/4	3/4	3/4	3/4	3/4	3/4	6,786.67	3/4	6,294.71	3/4	5,802.74	3/4	5,307.83	3/4	4,812.38	3/4	4,316.94	3/4	3,821.49		
6	6	6	6	6	6	7,176.28	6	6,776.43	6	6,284.46	6	5,792.49	6	5,297.51	6	4,802.06	6	4,306.62	6	3,811.17
1/4	1/4	1/4	1/4	1/4	1/4	7,176.48	1/4	6,766.18	1/4	6,274.21	1/4	5,782.24	1/4	5,287.19	1/4	4,791.74	1/4	4,296.29	1/4	3,800.85
1/2	1/2	1/2	1/2	1/2	1/2	7,174.69	1/2	6,755.93	1/2	6,263.96	1/2	5,771.99	1/2	5,276.87	1/2	4,781.42	1/2	4,286.97	1/2	3,790.53
3/4	3/4	3/4	3/4	3/4	3/4	7,172.08	3/4	6,745.68	3/4	6,253.71	3/4	5,761.74	3/4	5,266.64	3/4	4,771.10	3/4	4,275.65	3/4	3,780.18
7	7	7	7	7	7	7,169.48	7	6,735.43	7	6,243.46	7	5,751.50	7	5,256.22	7	4,760.78	7	4,265.33	7	3,769.84
1/4	1/4	1/4	1/4	1/4	1/4	7,166.87	1/4	6,725.18	1/4	6,233.21	1/4	5,741.25	1/4	5,246.90	1/4	4,750.45	1/4	4,255.01	1/4	3,759.50
1/2	1/2	1/2	1/2	1/2	1/2	7,164.27	1/2	6,714.93	1/2	6,222.96	1/2	5,731.00	1/2	5,236.68	1/2	4,740.13	1/2	4,244.69	1/2	3,749.15
3/4	3/4	3/4	3/4	3/4	3/4	7,159.59	3/4	6,704.68	3/4	6,212.71	3/4	5,720.68	3/4	5,226.26	3/4	4,729.81	3/4	4,234.36	3/4	3,738.81
8	8	8	8	8	8	7,164.92	8	6,694.43	8	6,202.46	8	5,710.37	8	5,214.93	8	4,719.49	8	4,224.04	8	3,728.47
1/4	1/4	1/4	1/4	1/4	1/4	7,150.24	1/4	6,684.18	1/4	6,192.22	1/4	5,700.05	1/4	5,204.61	1/4	4,709.17	1/4	4,213.72	1/4	3,718.13
1/2	1/2	1/2	1/2	1/2	1/2	7,146.67	1/2	6,673.93	1/2	6,181.97	1/2	5,689.74	1/2	5,194.29	1/2	4,698.84	1/2	4,203.40	1/2	3,707.79
3/4	3/4	3/4	3/4	3/4	3/4	7,138.83	3/4	6,663.68	3/4	6,171.72	3/4	5,679.42	3/4	5,183.97	3/4	4,688.62	3/4	4,193.08	3/4	3,697.45
9	9	9	9	9	9	7,132.08	9	6,653.43	9	6,161.47	9	5,669.09	9	5,173.65	9	4,678.20	9	4,182.76	9	3,687.11
1/4	1/4	1/4	1/4	1/4	1/4	7,125.34	1/4	6,643.18	1/4	6,151.22	1/4	5,658.77	1/4	5,163.33	1/4	4,667.88	1/4	4,172.43	1/4	3,676.77
1/2	1/2	1/2	1/2	1/2	1/2	7,118.60	1/2	6,632.94	1/2	6,140.97	1/2	5,648.45	1/2	5,153.00	1/2	4,657.66	1/2	4,162.11	1/2	3,666.43
3/4	3/4	3/4	3/4	3/4	3/4	7,109.79	3/4	6,622.69	3/4	6,130.72	3/4	5,638.13	3/4	5,142.66	3/4	4,647.24	3/4	4,151.79	3/4	3,656.09
10	10	10	10	10	10	7,100.98	10	6,612.44	10	6,120.47	10	5,627.81	10	5,132.36	10	4,636.91	10	4,141.47	10	3,645.74
1/4	1/4	1/4	1/4	1/4	1/4	7,092.17	1/4	6,602.19	1/4	6,110.22	1/4	5,617.49	1/4	5,122.04	1/4	4,626.59	1/4	4,131.15	1/4	3,635.40
1/2	1/2	1/2	1/2	1/2	1/2	7,083.36	1/2	6,591.94	1/2	6,099.97	1/2	5,607.16	1/2	5,111.72	1/2	4,616.27	1/2	4,120.82	1/2	3,625.06
3/4	3/4	3/4	3/4	3/4	3/4	7,073.28	3/4	6,581.69	3/4	6,089.72	3/4	5,596.84	3/4	5,101.40	3/4	4,605.95	3/4	4,110.50	3/4	3,614.72
11	11	11	11	11	11	7,063.21	11	6,571.44	11	6,079.47	11	5,586.52	11	5,091.07	11	4,595.63	11	4,100.18	11	3,604.38
1/4	1/4	1/4	1/4	1/4	1/4	7,053.13	1/4	6,561.19	1/4	6,069.22	1/4	5,576.20	1/4	5,080.75	1/4	4,585.31	1/4	4,089.86	1/4	3,594.04
1/2	1/2	1/2	1/2	1/2	1/2	7,043.06	1/2	6,550.94	1/2	6,058.97	1/2	5,565.88	1/2	5,070.43	1/2	4,574.98	1/2	4,079.54	1/2	3,583.70
3/4	3/4	3/4	3/4	3/4	3/4	7,032.81	3/4	6,540.69	3/4	6,048.73	3/4	5,555.55	3/4	5,060.11	3/4	4,564.66	3/4	4,069.22	3/4	3,573.36

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK 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'-00" FORWARD OF AFT BULKHEAD.

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



BARGE WEB 325"

1 CENTER ULLAGE TABLE

GAUGE HEIGHT 17'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	3,663.02	0	3,066.66	0	2,670.28	0	2,073.91	0	1,577.54	0	1,081.63	0	686.69	0	150.10	0		0	
1/4	3,552.68	1/4	3,056.31	1/4	2,559.94	1/4	2,063.67	1/4	1,567.20	1/4	1,071.31	1/4	676.48	1/4	142.03	1/4		1/4	
1/2	3,442.33	1/2	3,046.97	1/2	2,549.60	1/2	2,053.23	1/2	1,556.86	1/2	1,060.99	1/2	666.37	1/2	133.97	1/2		1/2	
3/4	3,631.99	3/4	3,036.63	3/4	2,539.26	3/4	2,042.89	3/4	1,546.52	3/4	1,050.67	3/4	656.43	3/4	126.10	3/4		3/4	
1	3,621.65	1	3,026.28	1	2,528.92	1	2,032.55	1	1,536.18	1	1,040.35	1	646.49	1	118.22	1		1	
1 1/4	3,511.31	1 1/4	3,014.94	1 1/4	2,518.58	1 1/4	2,022.21	1 1/4	1,525.84	1 1/4	1,030.03	1 1/4	636.55	1 1/4	110.35	1 1/4		1 1/4	
1 1/2	3,500.97	1 1/2	3,004.60	1 1/2	2,508.23	1 1/2	2,011.87	1 1/2	1,515.50	1 1/2	1,019.71	1 1/2	626.62	1 1/2	102.47	1 1/2		1 1/2	
2	3,490.63	2	2,994.26	2	2,497.89	2	2,001.63	2	1,505.16	2	1,009.39	2	616.84	2	94.80	2		2	
2 1/4	3,480.29	2 1/4	2,983.92	2 1/4	2,487.66	2 1/4	1,991.18	2 1/4	1,494.82	2 1/4	999.07	2 1/4	607.07	2 1/4	87.12	2 1/4		2 1/4	
2 1/2	3,469.95	2 1/2	2,973.58	2 1/2	2,477.21	2 1/2	1,980.84	2 1/2	1,484.48	2 1/2	988.75	2 1/2	597.30	2 1/2	79.45	2 1/2		2 1/2	
3	3,459.61	3	2,963.24	3	2,466.87	3	1,970.50	3	1,474.13	3	978.43	3	587.53	3	71.77	3		3	
3 1/4	3,449.27	3 1/4	2,952.90	3 1/4	2,456.53	3 1/4	1,960.16	3 1/4	1,463.79	3 1/4	968.11	3 1/4	577.93	3 1/4	64.32	3 1/4		3 1/4	
3 1/2	3,438.92	3 1/2	2,942.56	3 1/2	2,446.19	3 1/2	1,949.82	3 1/2	1,453.45	3 1/2	957.79	3 1/2	568.33	3 1/2	56.87	3 1/2		3 1/2	
4	3,428.58	4	2,932.22	4	2,435.85	4	1,939.48	4	1,443.11	4	947.47	4	558.73	4	49.42	4		4	
4 1/4	3,418.24	4 1/4	2,921.87	4 1/4	2,425.51	4 1/4	1,929.14	4 1/4	1,432.77	4 1/4	937.15	4 1/4	549.13	4 1/4	41.97	4 1/4		4 1/4	
4 1/2	3,407.90	4 1/2	2,911.53	4 1/2	2,415.17	4 1/2	1,918.80	4 1/2	1,422.43	4 1/2	926.83	4 1/2	539.69	4 1/2	36.09	4 1/2		4 1/2	
5	3,397.56	5	2,901.19	5	2,404.82	5	1,908.46	5	1,412.09	5	916.51	5	530.26	5	30.22	5		5	
5 1/4	3,387.22	5 1/4	2,890.85	5 1/4	2,394.48	5 1/4	1,898.12	5 1/4	1,401.75	5 1/4	906.19	5 1/4	520.83	5 1/4	24.34	5 1/4		5 1/4	
5 1/2	3,376.88	5 1/2	2,880.51	5 1/2	2,384.14	5 1/2	1,887.77	5 1/2	1,391.41	5 1/2	895.87	5 1/2	511.40	5 1/2	18.47	5 1/2		5 1/2	
6	3,366.54	6	2,870.17	6	2,373.80	6	1,877.43	6	1,381.07	6	885.55	6	502.13	6	15.97	6		6	
6 1/4	3,356.20	6 1/4	2,859.83	6 1/4	2,363.46	6 1/4	1,867.09	6 1/4	1,370.72	6 1/4	875.23	6 1/4	492.87	6 1/4	13.47	6 1/4		6 1/4	
6 1/2	3,345.86	6 1/2	2,849.49	6 1/2	2,353.12	6 1/2	1,856.75	6 1/2	1,360.38	6 1/2	864.91	6 1/2	483.60	6 1/2	10.97	6 1/2		6 1/2	
7	3,335.51	7	2,839.15	7	2,342.78	7	1,846.41	7	1,350.04	7	854.69	7	474.34	7	8.48	7		7	
7 1/4	3,325.17	7 1/4	2,828.81	7 1/4	2,332.44	7 1/4	1,836.07	7 1/4	1,339.70	7 1/4	844.27	7 1/4	465.25	7 1/4	6.71	7 1/4		7 1/4	
7 1/2	3,314.83	7 1/2	2,818.46	7 1/2	2,322.10	7 1/2	1,825.73	7 1/2	1,329.36	7 1/2	833.95	7 1/2	456.15	7 1/2	4.95	7 1/2		7 1/2	
8	3,304.49	8	2,808.12	8	2,311.76	8	1,815.39	8	1,319.02	8	823.63	8	447.06	8	3.19	8		8	
8 1/4	3,294.15	8 1/4	2,797.78	8 1/4	2,301.41	8 1/4	1,805.05	8 1/4	1,308.68	8 1/4	813.31	8 1/4	437.95	8 1/4	1.42	8 1/4		8 1/4	
8 1/2	3,283.81	8 1/2	2,787.44	8 1/2	2,291.07	8 1/2	1,794.71	8 1/2	1,298.36	8 1/2	802.98	8 1/2	429.04	8 1/2		8 1/2		8 1/2	
9	3,273.47	9	2,777.10	9	2,280.73	9	1,784.36	9	1,288.03	9	792.64	9	420.11	9		9		9	
9 1/4	3,263.13	9 1/4	2,766.76	9 1/4	2,270.39	9 1/4	1,774.02	9 1/4	1,277.71	9 1/4	782.30	9 1/4	411.18	9 1/4		9 1/4		9 1/4	
9 1/2	3,252.79	9 1/2	2,756.42	9 1/2	2,260.05	9 1/2	1,763.68	9 1/2	1,267.39	9 1/2	771.96	9 1/2	402.26	9 1/2		9 1/2		9 1/2	
10	3,242.45	10	2,746.08	10	2,249.71	10	1,753.34	10	1,257.07	10	761.62	10	393.50	10		10		10	
10 1/4	3,232.10	10 1/4	2,735.74	10 1/4	2,239.37	10 1/4	1,743.00	10 1/4	1,246.75	10 1/4	751.28	10 1/4	384.74	10 1/4		10 1/4		10 1/4	
10 1/2	3,221.76	10 1/2	2,725.40	10 1/2	2,229.03	10 1/2	1,732.66	10 1/2	1,236.43	10 1/2	740.94	10 1/2	375.99	10 1/2		10 1/2		10 1/2	
11	3,211.42	11	2,715.06	11	2,218.69	11	1,722.32	11	1,226.11	11	730.80	11	367.23	11		11		11	
11 1/4	3,201.08	11 1/4	2,704.71	11 1/4	2,208.35	11 1/4	1,711.98	11 1/4	1,215.79	11 1/4	720.26	11 1/4	358.64	11 1/4		11 1/4		11 1/4	
11 1/2	3,190.74	11 1/2	2,694.37	11 1/2	2,198.00	11 1/2	1,701.64	11 1/2	1,205.47	11 1/2	709.92	11 1/2	350.05	11 1/2		11 1/2		11 1/2	
12	3,180.40	12	2,684.03	12	2,187.66	12	1,691.30	12	1,195.15	12	699.68	12	341.46	12		12		12	
12 1/4	3,170.06	12 1/4	2,673.69	12 1/4	2,177.32	12 1/4	1,680.95	12 1/4	1,184.83	12 1/4	689.24	12 1/4	332.88	12 1/4		12 1/4		12 1/4	
12 1/2	3,159.72	12 1/2	2,663.35	12 1/2	2,166.98	12 1/2	1,670.61	12 1/2	1,174.51	12 1/2	678.90	12 1/2	324.46	12 1/2		12 1/2		12 1/2	
13	3,149.38	13	2,653.01	13	2,156.64	13	1,660.27	13	1,164.19	13	668.66	13	316.04	13		13		13	
13 1/4	3,139.04	13 1/4	2,642.67	13 1/4	2,146.30	13 1/4	1,649.93	13 1/4	1,153.87	13 1/4	658.21	13 1/4	307.62	13 1/4		13 1/4		13 1/4	
13 1/2	3,128.69	13 1/2	2,632.33	13 1/2	2,135.96	13 1/2	1,639.59	13 1/2	1,143.55	13 1/2	647.87	13 1/2	299.20	13 1/2		13 1/2		13 1/2	
14	3,118.35	14	2,621.99	14	2,125.62	14	1,629.25	14	1,133.23	14	637.61	14	290.96	14		14		14	
14 1/4	3,108.01	14 1/4	2,611.64	14 1/4	2,115.28	14 1/4	1,618.91	14 1/4	1,122.91	14 1/4	627.34	14 1/4	282.71	14 1/4		14 1/4		14 1/4	
14 1/2	3,097.67	14 1/2	2,601.30	14 1/2	2,104.94	14 1/2	1,608.57	14 1/2	1,112.59	14 1/2	617.07	14 1/2	274.47	14 1/2		14 1/2		14 1/2	
15	3,087.33	15	2,590.96	15	2,094.59	15	1,598.23	15	1,102.27	15	606.81	15	266.23	15		15		15	
15 1/4	3,076.99	15 1/4	2,580.62	15 1/4	2,084.25	15 1/4	1,587.89	15 1/4	1,091.95	15 1/4	598.70	15 1/4	258.16	15 1/4		15 1/4		15 1/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2012 CL - SW
CALCULATED: 07/03/2012 CL
PRINTED: 07/03/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77688
<http://www.pmacorp.net>



BARGE WEB 325"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

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	4,049.36	0	3,766.25	0	3,483.16	0	3,199.20	0	2,914.20	0	2,629.20	0	2,344.20		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,043.46	1/4	3,760.36	1/4	3,477.26	1/4	3,193.26	1/4	2,908.26	1/4	2,623.26	1/4	2,338.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,037.56	1/2	3,754.46	1/2	3,471.36	1/2	3,187.32	1/2	2,902.32	1/2	2,617.32	1/2	2,332.32		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,031.66	3/4	3,748.56	3/4	3,465.47	3/4	3,181.39	3/4	2,896.39	3/4	2,611.39	3/4	2,326.39		
1	1	1	1	1	1	1	4,025.76	1	3,742.66	1	3,459.57	1	3,175.46	1	2,890.46	1	2,605.46	1	2,320.46		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,019.86	1/4	3,736.76	1/4	3,453.67	1/4	3,169.51	1/4	2,884.51	1/4	2,599.51	1/4	2,314.51		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,013.96	1/2	3,730.86	1/2	3,447.77	1/2	3,163.57	1/2	2,878.57	1/2	2,593.57	1/2	2,308.57		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,008.06	3/4	3,724.97	3/4	3,441.88	3/4	3,157.64	3/4	2,872.64	3/4	2,587.64	3/4	2,302.64		
2	2	2	2	2	2	2	4,002.16	2	3,719.07	2	3,435.98	2	3,151.70	2	2,866.70	2	2,581.70	2	2,296.70		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,996.26	1/4	3,713.17	1/4	3,430.08	1/4	3,145.76	1/4	2,860.76	1/4	2,575.76	1/4	2,290.76		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,990.36	1/2	3,707.27	1/2	3,424.18	1/2	3,139.82	1/2	2,854.82	1/2	2,569.82	1/2	2,284.82		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,984.46	3/4	3,701.37	3/4	3,418.29	3/4	3,133.89	3/4	2,848.89	3/4	2,563.89	3/4	2,278.89		
3	3	3	3	3	3	3	3,978.57	3	3,695.48	3	3,412.39	3	3,127.95	3	2,842.95	3	2,557.95	3	2,272.95		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,972.67	1/4	3,689.58	1/4	3,406.49	1/4	3,122.01	1/4	2,837.01	1/4	2,552.01	1/4	2,267.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,966.77	1/2	3,683.68	1/2	3,400.59	1/2	3,116.07	1/2	2,831.07	1/2	2,546.07	1/2	2,261.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,960.87	3/4	3,677.78	3/4	3,394.69	3/4	3,110.14	3/4	2,825.14	3/4	2,540.14	3/4	2,255.14		
4	4	4	4	4	4	4	3,954.98	4	3,671.89	4	3,388.80	4	3,104.20	4	2,819.20	4	2,534.20	4	2,249.20		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,949.08	1/4	3,665.99	1/4	3,382.90	1/4	3,098.26	1/4	2,813.26	1/4	2,528.26	1/4	2,243.26		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,943.18	1/2	3,660.09	1/2	3,377.00	1/2	3,092.32	1/2	2,807.32	1/2	2,522.32	1/2	2,237.32		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,937.28	3/4	3,654.19	3/4	3,371.10	3/4	3,086.39	3/4	2,801.39	3/4	2,516.39	3/4	2,231.38		
5	5	5	5	5	5	5	3,931.39	5	3,648.30	5	3,365.21	5	3,080.45	5	2,795.45	5	2,510.45	5	2,225.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,925.49	1/4	3,642.40	1/4	3,359.31	1/4	3,074.51	1/4	2,789.51	1/4	2,504.51	1/4	2,219.49		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,919.59	1/2	3,636.50	1/2	3,353.41	1/2	3,068.57	1/2	2,783.57	1/2	2,498.57	1/2	2,213.54		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,913.69	3/4	3,630.60	3/4	3,347.51	3/4	3,062.64	3/4	2,777.64	3/4	2,492.64	3/4	2,207.59		
6	6	6	6	6	6	6	3,907.79	6	3,624.70	6	3,341.62	6	3,056.70	6	2,771.70	6	2,486.70	6	2,201.66		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,901.90	1/4	3,618.81	1/4	3,335.70	1/4	3,050.76	1/4	2,765.76	1/4	2,480.76	1/4	2,195.70		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,162.03	1/2	3,896.00	1/2	3,612.91	1/2	3,329.78	1/2	3,044.82	1/2	2,759.82	1/2	2,489.76		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,169.19	3/4	3,890.10	3/4	3,607.01	3/4	3,323.87	3/4	3,038.89	3/4	2,753.89	3/4	2,483.80		
7	7	7	7	7	7	7	4,166.34	7	3,884.20	7	3,601.11	7	3,317.95	7	3,032.95	7	2,747.95	7	2,462.95	7	2,177.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,162.31	1/4	3,878.31	1/4	3,595.22	1/4	3,312.01	1/4	3,027.01	1/4	2,742.01	1/4	2,467.01	1/4	2,171.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,148.28	1/2	3,872.41	1/2	3,589.32	1/2	3,306.07	1/2	3,021.07	1/2	2,736.07	1/2	2,451.07	1/2	2,165.96
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,144.24	3/4	3,866.51	3/4	3,583.42	3/4	3,300.14	3/4	3,015.14	3/4	2,730.14	3/4	2,445.14	3/4	2,160.01
8	8	8	8	8	8	8	4,140.21	8	3,860.61	8	3,577.52	8	3,294.20	8	3,009.20	8	2,724.20	8	2,439.20	8	2,154.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,136.07	1/4	3,854.72	1/4	3,571.63	1/4	3,288.26	1/4	3,003.26	1/4	2,718.26	1/4	2,433.26	1/4	2,148.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,129.93	1/2	3,848.82	1/2	3,565.73	1/2	3,282.32	1/2	2,997.32	1/2	2,712.32	1/2	2,427.32	1/2	2,142.17
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,124.79	3/4	3,842.92	3/4	3,559.83	3/4	3,276.39	3/4	2,991.39	3/4	2,706.39	3/4	2,421.39	3/4	2,136.22
9	9	9	9	9	9	9	4,119.65	9	3,837.02	9	3,553.93	9	3,270.45	9	2,986.45	9	2,700.45	9	2,415.45	9	2,130.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,113.88	1/4	3,831.12	1/4	3,548.03	1/4	3,264.51	1/4	2,979.51	1/4	2,694.51	1/4	2,409.51	1/4	2,124.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,108.11	1/2	3,825.23	1/2	3,542.14	1/2	3,258.57	1/2	2,973.57	1/2	2,688.57	1/2	2,403.57	1/2	2,118.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,102.34	3/4	3,819.33	3/4	3,536.24	3/4	3,252.64	3/4	2,967.64	3/4	2,682.64	3/4	2,397.64	3/4	2,112.42
10	10	10	10	10	10	10	4,096.57	10	3,813.43	10	3,530.34	10	3,246.70	10	2,961.70	10	2,676.70	10	2,391.70	10	2,106.48
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,090.67	1/4	3,807.53	1/4	3,524.44	1/4	3,240.76	1/4	2,955.76	1/4	2,670.76	1/4	2,385.76	1/4	2,100.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,084.77	1/2	3,801.64	1/2	3,518.55	1/2	3,234.82	1/2	2,949.82	1/2	2,664.82	1/2	2,379.82	1/2	2,094.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,078.88	3/4	3,795.74	3/4	3,512.66	3/4	3,228.89	3/4	2,943.89	3/4	2,658.89	3/4	2,373.89	3/4	2,088.63
11	11	11	11	11	11	11	4,072.98	11	3,789.84	11	3,506.75	11	3,222.95	11	2,937.95	11	2,652.95	11	2,367.95	11	2,082.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,067.07	1/4	3,783.94	1/4	3,500.85	1/4	3,217.01	1/4	2,932.01	1/4	2,647.01	1/4	2,362.01	1/4	2,076.74
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,061.17	1/2	3,778.04	1/2	3,494.96	1/2	3,211.07	1/2	2,926.07	1/2	2,641.07	1/2	2,356.07	1/2	2,070.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,055.26	3/4	3,772.15	3/4	3,489.06	3/4	3,205.14	3/4	2,920.14	3/4	2,635.14	3/4	2,350.14	3/4	2,064.84

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77688
<http://www.pmacorp.net>



BARGE WEB 325"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

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	2,058.89	0	1,773.38	0	1,487.87	0	1,202.37	0	916.86	0	638.62	0	366.79	0	71.54	0			
1/4	2,052.94	1/4	1,767.44	1/4	1,481.93	1/4	1,196.42	1/4	910.91	1/4	632.90	1/4	360.85	1/4	65.65	1/4			
1/2	2,047.00	1/2	1,761.49	1/2	1,475.98	1/2	1,190.47	1/2	904.96	1/2	627.19	1/2	344.90	1/2	69.76	1/2			
3/4	2,041.05	3/4	1,755.54	3/4	1,470.03	3/4	1,184.52	3/4	899.01	3/4	621.47	3/4	338.95	3/4	63.87	3/4			
1	2,035.10	1	1,749.59	1	1,464.08	1	1,178.57	1	893.06	1	615.75	1	333.00	1	47.98	1			
1/4	2,029.15	1/4	1,743.64	1/4	1,458.13	1/4	1,172.62	1/4	887.12	1/4	610.03	1/4	327.05	1/4	42.57	1/4			
1/2	2,023.20	1/2	1,737.69	1/2	1,452.19	1/2	1,166.68	1/2	881.17	1/2	604.31	1/2	321.11	1/2	37.16	1/2			
3/4	2,017.26	3/4	1,731.75	3/4	1,446.24	3/4	1,160.73	3/4	875.22	3/4	598.59	3/4	315.16	3/4	31.74	3/4			
2	2,011.31	2	1,725.80	2	1,440.29	2	1,154.78	2	869.27	2	592.87	2	309.21	2	26.33	2			
1/4	2,005.36	1/4	1,719.85	1/4	1,434.34	1/4	1,148.83	1/4	863.32	1/4	587.15	1/4	303.26	1/4	22.37	1/4			
1/2	1,999.41	1/2	1,713.90	1/2	1,428.39	1/2	1,142.88	1/2	857.38	1/2	581.44	1/2	297.32	1/2	18.40	1/2			
3/4	1,993.46	3/4	1,707.95	3/4	1,422.46	3/4	1,138.94	3/4	851.43	3/4	575.72	3/4	291.37	3/4	14.44	3/4			
3	1,987.51	3	1,702.01	3	1,416.50	3	1,130.99	3	845.48	3	570.00	3	285.42	3	10.48	3			
1/4	1,981.57	1/4	1,696.06	1/4	1,410.55	1/4	1,126.04	1/4	839.59	1/4	564.22	1/4	279.47	1/4		1/4			
1/2	1,975.62	1/2	1,690.11	1/2	1,404.60	1/2	1,119.09	1/2	833.70	1/2	558.45	1/2	273.52	1/2		1/2			
3/4	1,969.67	3/4	1,684.16	3/4	1,398.65	3/4	1,113.14	3/4	827.80	3/4	552.87	3/4	267.58	3/4		3/4			
4	1,963.72	4	1,678.21	4	1,392.70	4	1,107.20	4	821.91	4	546.90	4	261.63	4		4			
1/4	1,957.77	1/4	1,672.27	1/4	1,386.76	1/4	1,101.26	1/4	816.13	1/4	541.00	1/4	255.68	1/4		1/4			
1/2	1,951.83	1/2	1,666.32	1/2	1,380.81	1/2	1,095.30	1/2	810.35	1/2	535.11	1/2	249.73	1/2		1/2			
3/4	1,945.88	3/4	1,660.37	3/4	1,374.86	3/4	1,089.35	3/4	804.57	3/4	529.22	3/4	243.79	3/4		3/4			
5	1,939.93	5	1,654.42	5	1,368.91	5	1,083.40	5	798.80	5	523.33	5	237.84	5		5			
1/4	1,933.98	1/4	1,648.47	1/4	1,362.96	1/4	1,077.46	1/4	793.07	1/4	517.38	1/4	231.89	1/4		1/4			
1/2	1,928.03	1/2	1,642.52	1/2	1,357.02	1/2	1,071.51	1/2	787.35	1/2	511.44	1/2	225.94	1/2		1/2			
3/4	1,922.09	3/4	1,636.58	3/4	1,351.07	3/4	1,065.56	3/4	781.63	3/4	505.49	3/4	219.99	3/4		3/4			
6	1,916.14	6	1,630.63	6	1,345.12	6	1,059.61	6	775.90	6	499.54	6	214.05	6		6			
1/4	1,910.19	1/4	1,624.68	1/4	1,339.17	1/4	1,053.66	1/4	770.18	1/4	493.59	1/4	208.10	1/4		1/4			
1/2	1,904.24	1/2	1,618.73	1/2	1,333.22	1/2	1,047.71	1/2	764.46	1/2	487.65	1/2	202.15	1/2		1/2			
3/4	1,898.29	3/4	1,612.78	3/4	1,327.28	3/4	1,041.77	3/4	758.73	3/4	481.70	3/4	196.20	3/4		3/4			
7	1,892.35	7	1,606.84	7	1,321.33	7	1,035.82	7	753.01	7	476.75	7	190.26	7		7			
1/4	1,886.40	1/4	1,600.89	1/4	1,315.38	1/4	1,029.87	1/4	747.29	1/4	469.80	1/4	184.31	1/4		1/4			
1/2	1,880.45	1/2	1,594.94	1/2	1,309.43	1/2	1,023.92	1/2	741.57	1/2	463.85	1/2	178.36	1/2		1/2			
3/4	1,874.50	3/4	1,588.99	3/4	1,303.48	3/4	1,017.97	3/4	735.85	3/4	457.91	3/4	172.41	3/4		3/4			
8	1,868.55	8	1,583.04	8	1,297.54	8	1,012.03	8	730.12	8	451.96	8	166.46	8		8			
1/4	1,862.60	1/4	1,577.10	1/4	1,291.59	1/4	1,006.08	1/4	724.40	1/4	446.01	1/4	160.52	1/4		1/4			
1/2	1,856.66	1/2	1,571.15	1/2	1,285.64	1/2	1,000.13	1/2	718.68	1/2	440.06	1/2	154.57	1/2		1/2			
3/4	1,850.71	3/4	1,565.20	3/4	1,279.69	3/4	994.18	3/4	712.97	3/4	434.11	3/4	148.63	3/4		3/4			
9	1,844.76	9	1,559.25	9	1,273.74	9	988.23	9	707.25	9	428.17	9	142.68	9		9			
1/4	1,838.81	1/4	1,553.30	1/4	1,267.79	1/4	982.29	1/4	701.53	1/4	422.22	1/4	136.74	1/4		1/4			
1/2	1,832.86	1/2	1,547.36	1/2	1,261.85	1/2	976.34	1/2	695.81	1/2	416.27	1/2	130.80	1/2		1/2			
3/4	1,826.92	3/4	1,541.41	3/4	1,255.90	3/4	970.39	3/4	690.09	3/4	410.32	3/4	124.86	3/4		3/4			
10	1,820.97	10	1,535.46	10	1,249.95	10	964.44	10	684.37	10	404.38	10	118.92	10		10			
1/4	1,815.02	1/4	1,529.51	1/4	1,244.00	1/4	958.49	1/4	678.65	1/4	398.43	1/4	112.99	1/4		1/4			
1/2	1,809.07	1/2	1,523.56	1/2	1,238.05	1/2	952.55	1/2	672.83	1/2	392.48	1/2	107.06	1/2		1/2			
3/4	1,803.12	3/4	1,517.61	3/4	1,232.11	3/4	946.60	3/4	667.22	3/4	386.53	3/4	101.13	3/4		3/4			
11	1,797.18	11	1,511.67	11	1,226.16	11	940.65	11	661.50	11	380.58	11	95.20	11		11			
1/4	1,791.23	1/4	1,505.72	1/4	1,220.21	1/4	934.70	1/4	655.78	1/4	374.64	1/4	89.28	1/4		1/4			
1/2	1,785.28	1/2	1,499.77	1/2	1,214.26	1/2	928.75	1/2	650.06	1/2	368.69	1/2	83.37	1/2		1/2			
3/4	1,779.33	3/4	1,493.82	3/4	1,208.31	3/4	922.80	3/4	644.34	3/4	362.74	3/4	77.45	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2012 CL - SW
CALCULATED: 07/03/2012 CL
PRINTED: 07/03/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE "WEB 325"

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		IN	
0		0		0		0	4,077.58	0	3,794.45	0	3,611.36	0	3,227.62	0	2,942.52	0	2,667.52	0	2,372.52		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,071.68	1/4	3,788.55	1/4	3,605.46	1/4	3,221.69	1/4	2,936.59	1/4	2,661.59	1/4	2,366.59		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,065.77	1/2	3,782.65	1/2	3,499.67	1/2	3,216.65	1/2	2,930.66	1/2	2,645.66	1/2	2,360.66		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,059.86	3/4	3,776.76	3/4	3,493.67	3/4	3,209.71	3/4	2,924.71	3/4	2,639.71	3/4	2,354.71		
1	1	1	1	1	1	1	4,053.96	1	3,770.86	1	3,487.77	1	3,203.77	1	2,918.77	1	2,633.77	1	2,348.77		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,048.06	1/4	3,764.96	1/4	3,481.87	1/4	3,197.84	1/4	2,912.84	1/4	2,627.84	1/4	2,342.84		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,042.15	1/2	3,759.06	1/2	3,475.98	1/2	3,191.90	1/2	2,906.90	1/2	2,621.90	1/2	2,336.90		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,036.25	3/4	3,753.16	3/4	3,470.08	3/4	3,186.96	3/4	2,900.96	3/4	2,615.96	3/4	2,330.96		
2	2	2	2	2	2	2	4,030.35	2	3,747.27	2	3,464.18	2	3,180.02	2	2,895.02	2	2,610.02	2	2,325.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,024.45	1/4	3,741.37	1/4	3,468.28	1/4	3,174.09	1/4	2,889.09	1/4	2,604.09	1/4	2,319.09		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,018.56	1/2	3,735.47	1/2	3,462.39	1/2	3,168.15	1/2	2,883.15	1/2	2,598.15	1/2	2,313.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,012.66	3/4	3,729.57	3/4	3,446.49	3/4	3,162.21	3/4	2,877.21	3/4	2,592.21	3/4	2,307.21		
3	3	3	3	3	3	3	4,006.76	3	3,723.68	3	3,440.59	3	3,156.27	3	2,871.27	3	2,586.27	3	2,301.27		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,000.86	1/4	3,717.78	1/4	3,434.69	1/4	3,150.34	1/4	2,865.34	1/4	2,680.34	1/4	2,296.34		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,994.97	1/2	3,711.88	1/2	3,428.80	1/2	3,144.40	1/2	2,859.40	1/2	2,574.40	1/2	2,289.40		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,989.07	3/4	3,705.98	3/4	3,422.90	3/4	3,138.46	3/4	2,853.46	3/4	2,568.46	3/4	2,283.46		
4	4	4	4	4	4	4	3,983.17	4	3,700.09	4	3,417.00	4	3,132.52	4	2,847.52	4	2,562.52	4	2,277.52		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,977.27	1/4	3,694.19	1/4	3,411.10	1/4	3,126.59	1/4	2,841.59	1/4	2,556.59	1/4	2,271.59		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,971.37	1/2	3,688.29	1/2	3,405.21	1/2	3,120.65	1/2	2,835.65	1/2	2,550.65	1/2	2,265.65		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,965.48	3/4	3,682.39	3/4	3,399.31	3/4	3,114.71	3/4	2,829.71	3/4	2,544.71	3/4	2,259.71		
5	5	5	5	5	5	5	3,959.58	5	3,676.49	5	3,393.41	5	3,108.77	5	2,823.77	5	2,538.77	5	2,253.77		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,953.68	1/4	3,670.60	1/4	3,387.51	1/4	3,102.84	1/4	2,817.84	1/4	2,532.84	1/4	2,247.84		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,947.78	1/2	3,664.70	1/2	3,381.61	1/2	3,096.90	1/2	2,811.90	1/2	2,526.90	1/2	2,241.87		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,941.89	3/4	3,658.80	3/4	3,375.72	3/4	3,090.96	3/4	2,805.96	3/4	2,520.96	3/4	2,235.93		
6	6	6	6	6	6	6	3,935.99	6	3,652.90	6	3,369.82	6	3,085.02	6	2,800.02	6	2,515.02	6	2,229.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,930.09	1/4	3,647.01	1/4	3,363.92	1/4	3,079.09	1/4	2,794.09	1/4	2,509.09	1/4	2,224.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,924.19	1/2	3,641.11	1/2	3,358.02	1/2	3,073.15	1/2	2,788.15	1/2	2,503.15	1/2	2,218.08		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,918.30	3/4	3,635.21	3/4	3,352.13	3/4	3,067.21	3/4	2,782.21	3/4	2,497.21	3/4	2,212.14		
7	7	7	7	7	7	7	3,912.40	7	3,629.31	7	3,346.21	7	3,061.27	7	2,776.27	7	2,491.27	7	2,206.19		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,172.54	1/4	3,623.42	1/4	3,340.29	1/4	3,055.34	1/4	2,770.34	1/4	2,485.34	1/4	2,200.24		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,166.69	1/2	3,617.52	1/2	3,334.38	1/2	3,049.40	1/2	2,764.40	1/2	2,479.40	1/2	2,194.29		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,160.85	3/4	3,611.62	3/4	3,328.46	3/4	3,043.46	3/4	2,758.46	3/4	2,473.46	3/4	2,188.34		
8	8	8	8	8	8	8	4,154.96	8	3,605.72	8	3,322.52	8	3,037.52	8	2,752.52	8	2,467.52	8	2,182.40		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,149.07	1/4	3,600.83	1/4	3,316.59	1/4	3,031.59	1/4	2,746.59	1/4	2,461.59	1/4	2,176.45		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,143.17	1/2	3,594.93	1/2	3,310.65	1/2	3,025.65	1/2	2,740.65	1/2	2,455.65	1/2	2,170.60		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,137.28	3/4	3,589.03	3/4	3,304.71	3/4	3,019.71	3/4	2,734.71	3/4	2,449.71	3/4	2,164.56		
9	9	9	9	9	9	9	4,131.38	9	3,583.13	9	3,298.77	9	3,013.77	9	2,728.77	9	2,443.77	9	2,158.60		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,125.48	1/4	3,577.24	1/4	3,292.84	1/4	3,007.84	1/4	2,722.84	1/4	2,437.84	1/4	2,152.66		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,119.58	1/2	3,571.34	1/2	3,286.90	1/2	3,001.90	1/2	2,716.90	1/2	2,431.90	1/2	2,146.71		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,113.68	3/4	3,565.44	3/4	3,280.96	3/4	2,995.96	3/4	2,710.96	3/4	2,425.96	3/4	2,140.76		
10	10	10	10	10	10	10	4,107.78	10	3,559.54	10	3,275.02	10	2,990.02	10	2,705.02	10	2,420.02	10	2,134.81		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,101.88	1/4	3,553.64	1/4	3,269.09	1/4	2,984.09	1/4	2,699.09	1/4	2,414.09	1/4	2,128.86		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,095.98	1/2	3,547.74	1/2	3,263.15	1/2	2,978.15	1/2	2,693.15	1/2	2,408.15	1/2	2,122.92		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,090.08	3/4	3,541.84	3/4	3,257.21	3/4	2,972.21	3/4	2,687.21	3/4	2,402.21	3/4	2,116.97		
11	11	11	11	11	11	11	4,084.18	11	3,535.94	11	3,251.27	11	2,966.27	11	2,681.27	11	2,396.27	11	2,111.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,078.28	1/4	3,530.05	1/4	3,245.34	1/4	2,960.34	1/4	2,675.34	1/4	2,390.34	1/4	2,105.07		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,072.38	1/2	3,524.16	1/2	3,239.40	1/2	2,954.40	1/2	2,669.40	1/2	2,384.40	1/2	2,099.12		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,066.49	3/4	3,518.26	3/4	3,233.46	3/4	2,948.46	3/4	2,663.46	3/4	2,378.46	3/4	2,093.18		

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'-03" FORWARD OF AFT BULKHEAD.

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



BARGE WEB 325"

2 STBL ULLAGE TABLE

GAUGE HEIGHT 17'-03 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,087.23	0	1,801.72	0	1,516.22	0	1,230.72	0	945.21	0	659.88	0	374.64	0	89.28	0		0	
1/4	2,081.28	1/4	1,795.78	1/4	1,510.27	1/4	1,224.77	1/4	939.26	1/4	653.96	1/4	368.69	1/4	83.37	1/4		1/4	
1/2	2,075.33	1/2	1,789.83	1/2	1,504.32	1/2	1,218.82	1/2	933.32	1/2	648.01	1/2	362.74	1/2	77.46	1/2		1/2	
3/4	2,069.38	3/4	1,783.88	3/4	1,498.38	3/4	1,212.87	3/4	927.37	3/4	642.08	3/4	356.79	3/4	71.54	3/4		3/4	
1	2,063.44	1	1,777.93	1	1,492.43	1	1,206.92	1	921.42	1	636.14	1	350.85	1	65.65	1		1	
1/4	2,057.49	1/4	1,771.98	1/4	1,486.48	1/4	1,200.96	1/4	915.47	1/4	630.21	1/4	344.90	1/4	59.76	1/4		1/4	
1/2	2,051.54	1/2	1,766.04	1/2	1,480.53	1/2	1,195.03	1/2	909.52	1/2	624.27	1/2	338.95	1/2	53.87	1/2		1/2	
3/4	2,045.59	3/4	1,760.09	3/4	1,474.58	3/4	1,189.08	3/4	903.58	3/4	618.34	3/4	333.00	3/4	47.98	3/4		3/4	
2	2,039.64	2	1,754.14	2	1,468.64	2	1,183.13	2	897.63	2	612.41	2	327.06	2	42.07	2		2	
1/4	2,033.70	1/4	1,748.19	1/4	1,462.69	1/4	1,177.18	1/4	891.68	1/4	606.47	1/4	321.11	1/4	36.16	1/4		1/4	
1/2	2,027.75	1/2	1,742.24	1/2	1,456.74	1/2	1,171.24	1/2	885.73	1/2	600.54	1/2	315.16	1/2	30.24	1/2		1/2	
3/4	2,021.80	3/4	1,736.30	3/4	1,450.79	3/4	1,165.29	3/4	879.78	3/4	594.60	3/4	309.21	3/4	24.33	3/4		3/4	
3	2,015.85	3	1,730.35	3	1,444.84	3	1,159.34	3	873.84	3	588.67	3	303.26	3	18.42	3		3	
1/4	2,009.90	1/4	1,724.40	1/4	1,438.90	1/4	1,153.39	1/4	867.89	1/4	582.73	1/4	297.32	1/4	12.50	1/4		1/4	
1/2	2,003.96	1/2	1,718.45	1/2	1,432.95	1/2	1,147.44	1/2	861.94	1/2	576.80	1/2	291.37	1/2	6.59	1/2		1/2	
3/4	1,998.01	3/4	1,712.50	3/4	1,427.00	3/4	1,141.50	3/4	855.99	3/4	570.86	3/4	285.42	3/4	0.68	3/4		3/4	
4	1,992.06	4	1,706.56	4	1,421.05	4	1,135.55	4	850.04	4	564.93	4	279.47	4		4		4	
1/4	1,986.11	1/4	1,700.61	1/4	1,415.10	1/4	1,129.60	1/4	844.10	1/4	558.99	1/4	273.53	1/4		1/4		1/4	
1/2	1,980.16	1/2	1,694.66	1/2	1,409.16	1/2	1,123.65	1/2	838.15	1/2	553.05	1/2	267.58	1/2		1/2		1/2	
3/4	1,974.22	3/4	1,688.71	3/4	1,403.21	3/4	1,117.70	3/4	832.20	3/4	547.11	3/4	261.63	3/4		3/4		3/4	
5	1,968.27	5	1,682.76	5	1,397.26	5	1,111.76	5	826.25	5	541.17	5	255.68	5		5		5	
1/4	1,962.32	1/4	1,676.82	1/4	1,391.31	1/4	1,105.81	1/4	820.30	1/4	535.22	1/4	249.73	1/4		1/4		1/4	
1/2	1,956.37	1/2	1,670.87	1/2	1,385.36	1/2	1,099.86	1/2	814.36	1/2	529.28	1/2	243.79	1/2		1/2		1/2	
3/4	1,950.42	3/4	1,664.92	3/4	1,379.42	3/4	1,093.91	3/4	808.41	3/4	523.33	3/4	237.84	3/4		3/4		3/4	
6	1,944.48	6	1,658.97	6	1,373.47	6	1,087.96	6	802.46	6	517.38	6	231.89	6		6		6	
1/4	1,938.53	1/4	1,653.02	1/4	1,367.52	1/4	1,082.02	1/4	796.51	1/4	511.44	1/4	225.94	1/4		1/4		1/4	
1/2	1,932.58	1/2	1,647.08	1/2	1,361.57	1/2	1,076.07	1/2	790.56	1/2	505.49	1/2	219.99	1/2		1/2		1/2	
3/4	1,926.63	3/4	1,641.13	3/4	1,355.62	3/4	1,070.12	3/4	784.62	3/4	499.54	3/4	214.05	3/4		3/4		3/4	
7	1,920.68	7	1,635.18	7	1,349.68	7	1,064.17	7	778.67	7	493.59	7	208.10	7		7		7	
1/4	1,914.74	1/4	1,629.23	1/4	1,343.73	1/4	1,058.22	1/4	772.72	1/4	487.65	1/4	202.15	1/4		1/4		1/4	
1/2	1,908.79	1/2	1,623.28	1/2	1,337.78	1/2	1,052.28	1/2	766.77	1/2	481.70	1/2	196.20	1/2		1/2		1/2	
3/4	1,902.84	3/4	1,617.34	3/4	1,331.83	3/4	1,046.33	3/4	760.82	3/4	475.75	3/4	190.26	3/4		3/4		3/4	
8	1,896.89	8	1,611.39	8	1,325.88	8	1,040.38	8	754.88	8	469.80	8	184.31	8		8		8	
1/4	1,890.94	1/4	1,605.44	1/4	1,319.94	1/4	1,034.43	1/4	748.93	1/4	463.85	1/4	178.36	1/4		1/4		1/4	
1/2	1,885.00	1/2	1,599.49	1/2	1,313.99	1/2	1,028.48	1/2	742.99	1/2	457.91	1/2	172.41	1/2		1/2		1/2	
3/4	1,879.05	3/4	1,593.54	3/4	1,308.04	3/4	1,022.54	3/4	737.05	3/4	451.96	3/4	166.47	3/4		3/4		3/4	
9	1,873.10	9	1,587.60	9	1,302.09	9	1,016.59	9	731.11	9	446.01	9	160.52	9		9		9	
1/4	1,867.16	1/4	1,581.66	1/4	1,296.14	1/4	1,010.64	1/4	725.17	1/4	440.06	1/4	154.57	1/4		1/4		1/4	
1/2	1,861.20	1/2	1,575.70	1/2	1,290.20	1/2	1,004.69	1/2	719.23	1/2	434.12	1/2	148.63	1/2		1/2		1/2	
3/4	1,855.26	3/4	1,569.75	3/4	1,284.25	3/4	998.74	3/4	713.29	3/4	428.17	3/4	142.68	3/4		3/4		3/4	
10	1,849.31	10	1,563.80	10	1,278.30	10	992.80	10	707.36	10	422.22	10	136.74	10		10		10	
1/4	1,843.36	1/4	1,557.86	1/4	1,272.35	1/4	986.85	1/4	701.42	1/4	416.27	1/4	130.80	1/4		1/4		1/4	
1/2	1,837.41	1/2	1,551.91	1/2	1,266.40	1/2	980.90	1/2	695.49	1/2	410.32	1/2	124.86	1/2		1/2		1/2	
3/4	1,831.46	3/4	1,545.96	3/4	1,260.46	3/4	974.95	3/4	689.56	3/4	404.38	3/4	118.92	3/4		3/4		3/4	
11	1,825.52	11	1,540.01	11	1,254.51	11	969.00	11	683.62	11	398.43	11	112.99	11		11		11	
1/4	1,819.57	1/4	1,534.06	1/4	1,248.56	1/4	963.06	1/4	677.69	1/4	392.48	1/4	107.06	1/4		1/4		1/4	
1/2	1,813.62	1/2	1,528.12	1/2	1,242.61	1/2	957.11	1/2	671.75	1/2	386.53	1/2	101.13	1/2		1/2		1/2	
3/4	1,807.67	3/4	1,522.17	3/4	1,236.66	3/4	951.16	3/4	665.82	3/4	380.59	3/4	95.20	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2012 CL - SW
CALCULATED: 07/03/2012 CL
PRINTED: 07/03/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE WEB 325"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN
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

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 35'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 325"

3 PORT ULLAGE TABLE

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,244.64	0	1,935.19	0	1,625.85	0	1,316.60	0	1,007.16	0	704.63	0	399.43	0	90.28	0			
1/4	2,238.09	1/4	1,928.76	1/4	1,619.40	1/4	1,310.06	1/4	1,000.71	1/4	698.42	1/4	392.99	1/4	83.87	1/4			1/4
1/2	2,231.65	1/2	1,922.30	1/2	1,612.96	1/2	1,303.61	1/2	994.27	1/2	692.20	1/2	386.54	1/2	77.46	1/2			1/2
3/4	2,225.20	3/4	1,915.86	3/4	1,606.51	3/4	1,297.17	3/4	987.82	3/4	685.99	3/4	380.10	3/4	71.08	3/4			3/4
1	2,218.76	1	1,909.41	1	1,600.07	1	1,290.72	1	981.38	1	679.77	1	373.65	1	64.70	1			1
1/4	2,212.31	1/4	1,902.97	1/4	1,593.62	1/4	1,284.28	1/4	974.93	1/4	673.56	1/4	367.21	1/4	58.32	1/4			1/4
1/2	2,206.87	1/2	1,896.52	1/2	1,587.18	1/2	1,277.83	1/2	968.49	1/2	667.34	1/2	360.76	1/2	51.94	1/2			1/2
3/4	2,199.42	3/4	1,890.08	3/4	1,580.73	3/4	1,271.39	3/4	962.04	3/4	661.13	3/4	354.32	3/4	46.08	3/4			3/4
2	2,192.98	2	1,883.63	2	1,574.29	2	1,264.94	2	955.60	2	654.91	2	347.87	2	40.21	2			2
1/4	2,186.53	1/4	1,877.19	1/4	1,567.84	1/4	1,258.50	1/4	949.16	1/4	648.70	1/4	341.43	1/4	34.35	1/4			1/4
1/2	2,180.09	1/2	1,870.74	1/2	1,561.40	1/2	1,252.06	1/2	942.71	1/2	642.48	1/2	334.99	1/2	28.48	1/2			1/2
3/4	2,173.65	3/4	1,864.30	3/4	1,554.95	3/4	1,245.61	3/4	936.26	3/4	636.27	3/4	328.54	3/4	24.19	3/4			3/4
3	2,167.20	3	1,857.86	3	1,548.51	3	1,239.16	3	929.82	3	630.05	3	322.10	3	19.89	3			3
1/4	2,160.76	1/4	1,851.41	1/4	1,542.06	1/4	1,232.72	1/4	923.37	1/4	623.84	1/4	315.66	1/4	15.60	1/4			1/4
1/2	2,154.31	1/2	1,844.97	1/2	1,535.62	1/2	1,226.27	1/2	916.93	1/2	617.62	1/2	309.21	1/2	11.30	1/2			1/2
3/4	2,147.87	3/4	1,838.52	3/4	1,529.18	3/4	1,219.83	3/4	910.54	3/4	611.36	3/4	302.76	3/4		3/4			3/4
4	2,141.42	4	1,832.08	4	1,522.73	4	1,213.39	4	904.15	4	605.08	4	296.32	4		4			4
1/4	2,134.98	1/4	1,825.63	1/4	1,516.29	1/4	1,206.94	1/4	897.76	1/4	598.81	1/4	289.87	1/4		1/4			1/4
1/2	2,128.53	1/2	1,819.19	1/2	1,509.84	1/2	1,200.50	1/2	891.38	1/2	592.53	1/2	283.43	1/2		1/2			1/2
3/4	2,122.09	3/4	1,812.74	3/4	1,503.40	3/4	1,194.06	3/4	885.10	3/4	586.15	3/4	276.99	3/4		3/4			3/4
5	2,115.64	5	1,806.30	5	1,496.95	5	1,187.61	5	878.82	5	579.76	5	270.54	5		5			5
1/4	2,109.20	1/4	1,799.86	1/4	1,490.51	1/4	1,181.16	1/4	872.55	1/4	573.37	1/4	264.10	1/4		1/4			1/4
1/2	2,102.75	1/2	1,793.41	1/2	1,484.06	1/2	1,174.72	1/2	866.27	1/2	566.99	1/2	257.66	1/2		1/2			1/2
3/4	2,096.31	3/4	1,786.96	3/4	1,477.62	3/4	1,168.27	3/4	860.05	3/4	560.54	3/4	251.21	3/4		3/4			3/4
6	2,089.86	6	1,780.52	6	1,471.17	6	1,161.83	6	853.83	6	554.10	6	244.76	6		6			6
1/4	2,083.42	1/4	1,774.07	1/4	1,464.73	1/4	1,155.38	1/4	847.61	1/4	547.65	1/4	238.32	1/4		1/4			1/4
1/2	2,076.97	1/2	1,767.63	1/2	1,458.28	1/2	1,148.94	1/2	841.40	1/2	541.21	1/2	231.87	1/2		1/2			1/2
3/4	2,070.53	3/4	1,761.18	3/4	1,451.84	3/4	1,142.49	3/4	835.18	3/4	534.77	3/4	225.43	3/4		3/4			3/4
7	2,064.09	7	1,754.74	7	1,445.39	7	1,136.05	7	828.96	7	528.32	7	218.98	7		7			7
1/4	2,057.64	1/4	1,748.30	1/4	1,438.95	1/4	1,129.60	1/4	822.74	1/4	521.88	1/4	212.54	1/4		1/4			1/4
1/2	2,051.20	1/2	1,741.85	1/2	1,432.50	1/2	1,123.16	1/2	816.52	1/2	515.43	1/2	206.10	1/2		1/2			1/2
3/4	2,044.75	3/4	1,735.41	3/4	1,426.06	3/4	1,116.71	3/4	810.30	3/4	508.99	3/4	199.65	3/4		3/4			3/4
8	2,038.31	8	1,728.96	8	1,419.62	8	1,110.27	8	804.08	8	502.54	8	193.21	8		8			8
1/4	2,031.86	1/4	1,722.52	1/4	1,413.17	1/4	1,103.83	1/4	797.86	1/4	496.10	1/4	186.76	1/4		1/4			1/4
1/2	2,025.42	1/2	1,716.07	1/2	1,406.73	1/2	1,097.38	1/2	791.65	1/2	489.65	1/2	180.32	1/2		1/2			1/2
3/4	2,018.97	3/4	1,709.63	3/4	1,400.28	3/4	1,090.94	3/4	785.43	3/4	483.21	3/4	173.88	3/4		3/4			3/4
9	2,012.53	9	1,703.18	9	1,393.84	9	1,084.49	9	779.21	9	476.76	9	167.43	9		9			9
1/4	2,006.08	1/4	1,696.74	1/4	1,387.39	1/4	1,078.05	1/4	773.00	1/4	470.32	1/4	160.99	1/4		1/4			1/4
1/2	1,999.64	1/2	1,690.29	1/2	1,380.95	1/2	1,071.60	1/2	766.78	1/2	463.88	1/2	154.55	1/2		1/2			1/2
3/4	1,993.19	3/4	1,683.86	3/4	1,374.50	3/4	1,065.16	3/4	760.57	3/4	457.43	3/4	148.11	3/4		3/4			3/4
10	1,986.75	10	1,677.40	10	1,368.06	10	1,058.71	10	754.35	10	450.99	10	141.68	10		10			10
1/4	1,980.30	1/4	1,670.96	1/4	1,361.61	1/4	1,052.27	1/4	748.14	1/4	444.54	1/4	135.24	1/4		1/4			1/4
1/2	1,973.86	1/2	1,664.51	1/2	1,355.17	1/2	1,045.82	1/2	741.92	1/2	438.10	1/2	128.80	1/2		1/2			1/2
3/4	1,967.41	3/4	1,658.07	3/4	1,348.72	3/4	1,039.38	3/4	735.71	3/4	431.65	3/4	122.38	3/4		3/4			3/4
11	1,960.97	11	1,651.62	11	1,342.28	11	1,032.93	11	729.49	11	425.21	11	115.95	11		11			11
1/4	1,954.53	1/4	1,645.18	1/4	1,335.83	1/4	1,026.49	1/4	723.28	1/4	418.76	1/4	109.53	1/4		1/4			1/4
1/2	1,948.08	1/2	1,638.74	1/2	1,329.39	1/2	1,020.04	1/2	717.06	1/2	412.32	1/2	103.10	1/2		1/2			1/2
3/4	1,941.64	3/4	1,632.29	3/4	1,322.94	3/4	1,013.60	3/4	710.85	3/4	405.88	3/4	96.69	3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2012 CL - SW
CALCULATED: 07/03/2012 CL
PRINTED: 07/03/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE WEB 325"

3 STBL ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

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			IN		
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					
1/2			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					
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					
1/2			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					
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					
1/2			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			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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					
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					
1/2			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					

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 77568
<http://www.pmacorp.net>



BARGE "WEB 325"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

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	2,242.18	0	1,932.83	0	1,623.48	0	1,314.14	0	1,004.79	0	695.66	0	386.54	0	77.46	0		0	
1/4	2,236.73	1/4	1,926.39	1/4	1,617.04	1/4	1,307.69	1/4	998.35	1/4	689.23	1/4	380.10	1/4	71.08	1/4		1/4	
1/2	2,229.29	1/2	1,919.94	1/2	1,610.60	1/2	1,301.25	1/2	991.90	1/2	682.80	1/2	373.65	1/2	64.70	1/2		1/2	
3/4	2,222.84	3/4	1,913.50	3/4	1,604.16	3/4	1,294.80	3/4	985.46	3/4	676.37	3/4	367.21	3/4	58.32	3/4		3/4	
1	2,216.40	1	1,907.05	1	1,597.71	1	1,288.36	1	979.01	1	669.94	1	360.76	1	51.94	1		1	
1 1/4	2,209.95	1 1/4	1,900.61	1 1/4	1,591.26	1 1/4	1,281.92	1 1/4	972.57	1 1/4	663.51	1 1/4	354.32	1 1/4	46.08	1 1/4		1 1/4	
1 1/2	2,203.51	1 1/2	1,894.16	1 1/2	1,584.82	1 1/2	1,275.47	1 1/2	966.13	1 1/2	657.08	1 1/2	347.87	1 1/2	40.21	1 1/2		1 1/2	
3/4	2,197.06	3/4	1,887.72	3/4	1,578.37	3/4	1,269.03	3/4	959.68	3/4	650.64	3/4	341.43	3/4	34.35	3/4		3/4	
2	2,190.62	2	1,881.27	2	1,571.93	2	1,262.58	2	953.24	2	644.21	2	334.99	2	28.48	2		2	
1 3/4	2,184.17	1 3/4	1,874.83	1 3/4	1,565.48	1 3/4	1,256.14	1 3/4	946.79	1 3/4	637.78	1 3/4	328.54	1 3/4	24.19	1 3/4		1 3/4	
1 1/2	2,177.73	1 1/2	1,868.38	1 1/2	1,559.04	1 1/2	1,249.69	1 1/2	940.35	1 1/2	631.35	1 1/2	322.10	1 1/2	19.89	1 1/2		1 1/2	
3/4	2,171.28	3/4	1,861.94	3/4	1,552.59	3/4	1,243.25	3/4	933.90	3/4	624.92	3/4	315.65	3/4	16.60	3/4		3/4	
3	2,164.84	3	1,855.49	3	1,546.16	3	1,236.80	3	927.46	3	618.49	3	309.21	3	11.30	3		3	
1 1/4	2,158.39	1 1/4	1,849.05	1 1/4	1,539.70	1 1/4	1,230.36	1 1/4	921.01	1 1/4	612.05	1 1/4	302.76	1 1/4		1 1/4		1 1/4	
1 1/2	2,151.95	1 1/2	1,842.60	1 1/2	1,533.26	1 1/2	1,223.91	1 1/2	914.57	1 1/2	605.62	1 1/2	296.32	1 1/2		1 1/2		1 1/2	
3/4	2,145.51	3/4	1,836.16	3/4	1,526.81	3/4	1,217.47	3/4	908.12	3/4	599.19	3/4	289.87	3/4		3/4		3/4	
4	2,139.06	4	1,829.71	4	1,520.37	4	1,211.02	4	901.68	4	592.75	4	283.43	4		4		4	
1 3/4	2,132.62	1 3/4	1,823.27	1 3/4	1,513.92	1 3/4	1,204.58	1 3/4	895.23	1 3/4	586.31	1 3/4	276.98	1 3/4		1 3/4		1 3/4	
1 1/2	2,126.17	1 1/2	1,816.83	1 1/2	1,507.48	1 1/2	1,198.13	1 1/2	888.79	1 1/2	579.87	1 1/2	270.54	1 1/2		1 1/2		1 1/2	
3/4	2,119.73	3/4	1,810.38	3/4	1,501.04	3/4	1,191.69	3/4	882.34	3/4	573.43	3/4	264.10	3/4		3/4		3/4	
5	2,113.28	5	1,803.94	5	1,494.59	5	1,185.24	5	875.90	5	566.99	5	257.66	5		5		5	
1 1/4	2,106.84	1 1/4	1,797.49	1 1/4	1,488.15	1 1/4	1,178.80	1 1/4	869.45	1 1/4	560.54	1 1/4	251.21	1 1/4		1 1/4		1 1/4	
1 1/2	2,100.39	1 1/2	1,791.05	1 1/2	1,481.70	1 1/2	1,172.36	1 1/2	863.01	1 1/2	554.10	1 1/2	244.76	1 1/2		1 1/2		1 1/2	
3/4	2,093.95	3/4	1,784.60	3/4	1,475.26	3/4	1,165.91	3/4	856.57	3/4	547.65	3/4	238.32	3/4		3/4		3/4	
6	2,087.50	6	1,778.16	6	1,468.81	6	1,159.47	6	850.12	6	541.21	6	231.87	6		6		6	
1 3/4	2,081.06	1 3/4	1,771.71	1 3/4	1,462.37	1 3/4	1,153.02	1 3/4	843.68	1 3/4	534.76	1 3/4	225.43	1 3/4		1 3/4		1 3/4	
1 1/2	2,074.61	1 1/2	1,765.27	1 1/2	1,455.92	1 1/2	1,146.58	1 1/2	837.23	1 1/2	528.32	1 1/2	218.98	1 1/2		1 1/2		1 1/2	
3/4	2,068.17	3/4	1,758.82	3/4	1,449.48	3/4	1,140.13	3/4	830.79	3/4	521.88	3/4	212.54	3/4		3/4		3/4	
7	2,061.72	7	1,752.38	7	1,443.03	7	1,133.69	7	824.34	7	515.43	7	206.10	7		7		7	
1 1/4	2,055.28	1 1/4	1,745.93	1 1/4	1,436.59	1 1/4	1,127.24	1 1/4	817.90	1 1/4	508.99	1 1/4	199.65	1 1/4		1 1/4		1 1/4	
1 1/2	2,048.83	1 1/2	1,739.49	1 1/2	1,430.14	1 1/2	1,120.80	1 1/2	811.46	1 1/2	502.54	1 1/2	193.21	1 1/2		1 1/2		1 1/2	
3/4	2,042.39	3/4	1,733.04	3/4	1,423.70	3/4	1,114.36	3/4	805.02	3/4	496.10	3/4	186.76	3/4		3/4		3/4	
8	2,035.95	8	1,726.60	8	1,417.25	8	1,107.91	8	798.58	8	489.65	8	180.32	8		8		8	
1 1/4	2,029.50	1 1/4	1,720.16	1 1/4	1,410.81	1 1/4	1,101.46	1 1/4	792.14	1 1/4	483.21	1 1/4	173.88	1 1/4		1 1/4		1 1/4	
1 1/2	2,023.06	1 1/2	1,713.71	1 1/2	1,404.36	1 1/2	1,095.02	1 1/2	785.71	1 1/2	476.76	1 1/2	167.43	1 1/2		1 1/2		1 1/2	
3/4	2,016.61	3/4	1,707.27	3/4	1,397.92	3/4	1,088.57	3/4	779.27	3/4	470.32	3/4	160.99	3/4		3/4		3/4	
9	2,010.17	9	1,700.82	9	1,391.48	9	1,082.13	9	772.84	9	463.88	9	154.55	9		9		9	
1 3/4	2,003.72	1 3/4	1,694.38	1 3/4	1,385.03	1 3/4	1,075.69	1 3/4	766.41	1 3/4	457.43	1 3/4	148.11	1 3/4		1 3/4		1 3/4	
1 1/2	1,997.28	1 1/2	1,687.93	1 1/2	1,378.59	1 1/2	1,069.24	1 1/2	759.98	1 1/2	450.99	1 1/2	141.68	1 1/2		1 1/2		1 1/2	
3/4	1,990.83	3/4	1,681.49	3/4	1,372.14	3/4	1,062.80	3/4	753.54	3/4	444.54	3/4	135.24	3/4		3/4		3/4	
10	1,984.39	10	1,675.04	10	1,365.70	10	1,056.35	10	747.11	10	438.10	10	128.80	10		10		10	
1 1/4	1,977.94	1 1/4	1,668.60	1 1/4	1,359.25	1 1/4	1,049.91	1 1/4	740.68	1 1/4	431.65	1 1/4	122.38	1 1/4		1 1/4		1 1/4	
1 1/2	1,971.50	1 1/2	1,662.16	1 1/2	1,352.81	1 1/2	1,043.46	1 1/2	734.25	1 1/2	425.21	1 1/2	115.95	1 1/2		1 1/2		1 1/2	
3/4	1,965.05	3/4	1,655.71	3/4	1,346.36	3/4	1,037.02	3/4	727.82	3/4	418.76	3/4	109.53	3/4		3/4		3/4	
11	1,958.61	11	1,649.26	11	1,339.92	11	1,030.57	11	721.39	11	412.32	11	103.10	11		11		11	
1 3/4	1,952.16	1 3/4	1,642.82	1 3/4	1,333.47	1 3/4	1,024.13	1 3/4	714.96	1 3/4	405.87	1 3/4	96.69	1 3/4		1 3/4		1 3/4	
1 1/2	1,945.72	1 1/2	1,636.37	1 1/2	1,327.03	1 1/2	1,017.68	1 1/2	708.53	1 1/2	399.43	1 1/2	90.28	1 1/2		1 1/2		1 1/2	
3/4	1,939.27	3/4	1,629.93	3/4	1,320.58	3/4	1,011.24	3/4	702.09	3/4	392.99	3/4	83.87	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2012 CL - SW
CALCULATED: 07/03/2012 CL
PRINTED: 07/03/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE WEB 325"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN 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.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	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

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



BARGE WEB 325"

4 CENTER ULLAGE TABLE

GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,555.95	0	3,077.89	0	2,600.48	0	2,123.36	0	1,645.47	0	1,169.15	0	692.61	0	213.96	0			
1/4	3,545.99	1/4	3,067.94	1/4	2,590.56	1/4	2,113.41	1/4	1,635.51	1/4	1,159.26	1/4	682.64	1/4	204.00	1/4			1/4
1/2	3,536.03	1/2	3,057.98	1/2	2,580.63	1/2	2,103.46	1/2	1,625.56	1/2	1,149.38	1/2	672.66	1/2	194.05	1/2			1/2
3/4	3,526.07	3/4	3,048.02	3/4	2,570.70	3/4	2,093.49	3/4	1,615.60	3/4	1,139.50	3/4	662.69	3/4	184.09	3/4			3/4
1	3,516.11	1	3,038.06	1	2,560.77	1	2,083.54	1	1,605.64	1	1,129.62	1	652.72	1	174.15	1			1
1/4	3,506.15	1/4	3,028.10	1/4	2,550.84	1/4	2,073.58	1/4	1,595.69	1/4	1,119.74	1/4	642.74	1/4	164.22	1/4			1/4
1/2	3,496.19	1/2	3,018.14	1/2	2,540.92	1/2	2,063.63	1/2	1,585.73	1/2	1,109.86	1/2	632.77	1/2	154.28	1/2			1/2
3/4	3,486.23	3/4	3,008.18	3/4	2,530.99	3/4	2,053.67	3/4	1,575.78	3/4	1,099.97	3/4	622.80	3/4	144.34	3/4			3/4
2	3,476.27	2	2,998.22	2	2,521.06	2	2,043.71	2	1,565.82	2	1,090.09	2	612.82	2	134.44	2			2
1/4	3,466.31	1/4	2,988.26	1/4	2,511.13	1/4	2,033.76	1/4	1,555.86	1/4	1,080.21	1/4	602.85	1/4	124.53	1/4			1/4
1/2	3,456.35	1/2	2,978.30	1/2	2,501.20	1/2	2,023.80	1/2	1,545.91	1/2	1,070.33	1/2	592.88	1/2	114.62	1/2			1/2
3/4	3,446.39	3/4	2,968.34	3/4	2,491.28	3/4	2,013.85	3/4	1,535.95	3/4	1,060.44	3/4	582.91	3/4	104.72	3/4			3/4
3	3,436.43	3	2,958.38	3	2,481.35	3	2,003.89	3	1,526.00	3	1,050.56	3	572.93	3	94.86	3			3
1/4	3,426.47	1/4	2,948.42	1/4	2,471.42	1/4	1,993.93	1/4	1,516.04	1/4	1,040.68	1/4	562.96	1/4	85.01	1/4			1/4
1/2	3,416.51	1/2	2,938.46	1/2	2,461.49	1/2	1,983.98	1/2	1,506.08	1/2	1,030.80	1/2	552.99	1/2	75.15	1/2			1/2
3/4	3,406.56	3/4	2,928.50	3/4	2,451.56	3/4	1,974.02	3/4	1,496.13	3/4	1,020.92	3/4	543.01	3/4	65.30	3/4			3/4
4	3,396.60	4	2,918.54	4	2,441.63	4	1,964.06	4	1,486.17	4	1,011.03	4	533.04	4	55.80	4			4
1/4	3,386.64	1/4	2,908.59	1/4	2,431.71	1/4	1,954.11	1/4	1,476.22	1/4	1,001.15	1/4	523.07	1/4	48.31	1/4			1/4
1/2	3,376.68	1/2	2,898.63	1/2	2,421.78	1/2	1,944.15	1/2	1,466.26	1/2	991.27	1/2	513.09	1/2	39.81	1/2			1/2
3/4	3,366.72	3/4	2,888.67	3/4	2,411.86	3/4	1,934.20	3/4	1,456.30	3/4	981.39	3/4	503.12	3/4	31.31	3/4			3/4
5	3,356.76	5	2,878.71	5	2,401.92	5	1,924.24	5	1,446.35	5	971.46	5	493.16	5	25.91	5			5
1/4	3,346.80	1/4	2,868.75	1/4	2,391.99	1/4	1,914.28	1/4	1,436.39	1/4	961.53	1/4	483.18	1/4	20.51	1/4			1/4
1/2	3,336.84	1/2	2,858.79	1/2	2,382.07	1/2	1,904.33	1/2	1,426.44	1/2	951.60	1/2	473.21	1/2	15.10	1/2			1/2
3/4	3,326.88	3/4	2,848.83	3/4	2,372.14	3/4	1,894.37	3/4	1,416.48	3/4	941.67	3/4	463.24	3/4	9.70	3/4			3/4
6	3,316.92	6	2,838.87	6	2,362.21	6	1,884.42	6	1,406.53	6	931.73	6	453.26	6	7.62	6			6
1/4	3,306.96	1/4	2,828.91	1/4	2,352.28	1/4	1,874.46	1/4	1,396.59	1/4	921.78	1/4	443.29	1/4	5.55	1/4			1/4
1/2	3,297.00	1/2	2,818.95	1/2	2,342.35	1/2	1,864.50	1/2	1,386.64	1/2	911.84	1/2	433.32	1/2	3.47	1/2			1/2
3/4	3,287.04	3/4	2,808.99	3/4	2,332.43	3/4	1,854.55	3/4	1,376.70	3/4	901.89	3/4	423.35	3/4	1.39	3/4			3/4
7	3,277.08	7	2,799.06	7	2,322.47	7	1,844.59	7	1,366.81	7	891.93	7	413.38	7		7			7
1/4	3,267.12	1/4	2,789.13	1/4	2,312.62	1/4	1,834.64	1/4	1,356.92	1/4	881.97	1/4	403.40	1/4		1/4			1/4
1/2	3,257.16	1/2	2,779.19	1/2	2,302.67	1/2	1,824.68	1/2	1,347.03	1/2	872.01	1/2	393.43	1/2		1/2			1/2
3/4	3,247.20	3/4	2,769.26	3/4	2,292.62	3/4	1,814.72	3/4	1,337.14	3/4	862.05	3/4	383.46	3/4		3/4			3/4
8	3,237.25	8	2,759.33	8	2,282.66	8	1,804.77	8	1,327.26	8	852.09	8	373.48	8		8			8
1/4	3,227.29	1/4	2,749.41	1/4	2,272.70	1/4	1,794.81	1/4	1,317.38	1/4	842.13	1/4	363.51	1/4		1/4			1/4
1/2	3,217.33	1/2	2,739.48	1/2	2,262.75	1/2	1,784.85	1/2	1,307.49	1/2	832.17	1/2	353.54	1/2		1/2			1/2
3/4	3,207.37	3/4	2,729.55	3/4	2,252.79	3/4	1,774.90	3/4	1,297.61	3/4	822.20	3/4	343.57	3/4		3/4			3/4
9	3,197.41	9	2,719.62	9	2,242.84	9	1,764.94	9	1,287.73	9	812.24	9	333.59	9		9			9
1/4	3,187.45	1/4	2,709.69	1/4	2,232.88	1/4	1,754.99	1/4	1,277.85	1/4	802.28	1/4	323.62	1/4		1/4			1/4
1/2	3,177.49	1/2	2,699.77	1/2	2,222.92	1/2	1,745.03	1/2	1,267.97	1/2	792.32	1/2	313.65	1/2		1/2			1/2
3/4	3,167.53	3/4	2,689.84	3/4	2,212.97	3/4	1,735.07	3/4	1,258.08	3/4	782.36	3/4	303.67	3/4		3/4			3/4
10	3,157.57	10	2,679.91	10	2,203.01	10	1,725.12	10	1,248.20	10	772.39	10	293.70	10		10			10
1/4	3,147.61	1/4	2,669.98	1/4	2,193.05	1/4	1,715.16	1/4	1,238.32	1/4	762.42	1/4	283.73	1/4		1/4			1/4
1/2	3,137.65	1/2	2,660.05	1/2	2,183.10	1/2	1,705.21	1/2	1,228.44	1/2	752.44	1/2	273.76	1/2		1/2			1/2
3/4	3,127.69	3/4	2,650.13	3/4	2,173.14	3/4	1,695.25	3/4	1,218.56	3/4	742.47	3/4	263.78	3/4		3/4			3/4
11	3,117.73	11	2,640.20	11	2,163.19	11	1,685.29	11	1,208.67	11	732.50	11	253.82	11		11			11
1/4	3,107.77	1/4	2,630.27	1/4	2,153.23	1/4	1,675.34	1/4	1,198.79	1/4	722.53	1/4	243.85	1/4		1/4			1/4
1/2	3,097.81	1/2	2,620.34	1/2	2,143.27	1/2	1,665.38	1/2	1,188.91	1/2	712.56	1/2	233.88	1/2		1/2			1/2
3/4	3,087.85	3/4	2,610.41	3/4	2,133.32	3/4	1,655.43	3/4	1,179.03	3/4	702.58	3/4	223.91	3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/03/2012 CL - SW
CALCULATED: 07/03/2012 CL
PRINTED: 07/03/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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