



BARGE "WEB 329"

ULLAGE TRIM TABLE

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

(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"

January 10, 2013

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 329"

1 CENTR ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	0	0	0	0	7,016.19	0	6,523.60	0	6,032.14	0	5,539.42	0	5,044.49	0	4,549.56	0	4,054.64		
1/4	1/4	1/4	1/4	1/4	1/4	7,004.95	1/4	6,513.36	1/4	6,021.90	1/4	5,529.11	1/4	5,034.18	1/4	4,539.25	1/4	4,044.33		
1/2	1/2	1/2	1/2	1/2	1/2	6,994.71	1/2	6,503.12	1/2	6,011.67	1/2	5,518.80	1/2	5,023.87	1/2	4,528.94	1/2	4,034.01		
3/4	3/4	3/4	3/4	3/4	3/4	6,984.46	3/4	6,492.88	3/4	6,001.43	3/4	5,508.49	3/4	5,013.56	3/4	4,518.63	3/4	4,023.70		
1	1	1	1	1	1	6,974.21	1	6,482.64	1	5,991.19	1	5,498.18	1	5,003.25	1	4,508.32	1	4,013.39		
1/4	1/4	1/4	1/4	1/4	1/4	6,963.95	1/4	6,472.40	1/4	5,980.95	1/4	5,487.87	1/4	4,992.94	1/4	4,498.01	1/4	4,003.08		
1/2	1/2	1/2	1/2	1/2	1/2	6,953.70	1/2	6,462.16	1/2	5,970.71	1/2	5,477.56	1/2	4,982.63	1/2	4,487.70	1/2	3,992.77		
3/4	3/4	3/4	3/4	3/4	3/4	6,943.44	3/4	6,451.93	3/4	5,960.47	3/4	5,467.41	3/4	4,972.32	3/4	4,477.39	3/4	3,982.46		
2	2	2	2	2	2	6,933.18	2	6,441.69	2	5,950.23	2	5,456.93	2	4,962.00	2	4,467.08	2	3,972.15		
1/4	1/4	1/4	1/4	1/4	1/4	6,922.92	1/4	6,431.45	1/4	5,940.00	1/4	5,446.62	1/4	4,951.69	1/4	4,456.77	1/4	3,961.84		
1/2	1/2	1/2	1/2	1/2	1/2	6,912.67	1/2	6,421.21	1/2	5,929.76	1/2	5,436.31	1/2	4,941.38	1/2	4,446.45	1/2	3,951.53		
3/4	3/4	3/4	3/4	3/4	3/4	6,902.43	3/4	6,410.97	3/4	5,919.52	3/4	5,426.00	3/4	4,931.07	3/4	4,436.14	3/4	3,941.22		
3	3	3	3	3	3	6,892.19	3	6,400.73	3	5,909.28	3	5,415.69	3	4,920.76	3	4,426.83	3	3,930.90		
1/4	1/4	1/4	1/4	1/4	1/4	6,881.95	1/4	6,390.49	1/4	5,899.04	1/4	5,405.38	1/4	4,910.45	1/4	4,415.52	1/4	3,920.59		
1/2	1/2	1/2	1/2	1/2	1/2	6,871.71	1/2	6,380.26	1/2	5,888.80	1/2	5,395.07	1/2	4,900.14	1/2	4,405.21	1/2	3,910.28		
3/4	3/4	3/4	3/4	3/4	3/4	6,861.47	3/4	6,370.02	3/4	5,878.56	3/4	5,384.76	3/4	4,889.83	3/4	4,394.90	3/4	3,899.97		
4	4	4	4	4	4	6,851.23	4	6,359.78	4	5,868.33	4	5,374.44	4	4,879.52	4	4,384.59	4	3,889.66		
1/4	1/4	1/4	1/4	1/4	1/4	6,840.99	1/4	6,349.54	1/4	5,858.09	1/4	5,364.13	1/4	4,869.21	1/4	4,374.28	1/4	3,879.35		
1/2	1/2	1/2	1/2	1/2	1/2	6,830.75	1/2	6,339.30	1/2	5,847.85	1/2	5,353.82	1/2	4,858.89	1/2	4,363.97	1/2	3,869.04		
3/4	3/4	3/4	3/4	3/4	3/4	6,820.51	3/4	6,329.06	3/4	5,837.61	3/4	5,343.51	3/4	4,848.58	3/4	4,353.66	3/4	3,858.73		
5	5	5	5	5	5	6,810.28	5	6,318.82	5	5,827.37	5	5,333.20	5	4,838.27	5	4,343.34	5	3,848.42		
1/4	1/4	1/4	1/4	1/4	1/4	6,800.04	1/4	6,308.58	1/4	5,817.13	1/4	5,322.89	1/4	4,827.96	1/4	4,333.03	1/4	3,838.11		
1/2	1/2	1/2	1/2	1/2	1/2	6,789.80	1/2	6,298.35	1/2	5,806.89	1/2	5,312.58	1/2	4,817.65	1/2	4,322.72	1/2	3,827.79		
3/4	3/4	3/4	3/4	3/4	3/4	6,779.56	3/4	6,288.11	3/4	5,796.65	3/4	5,302.27	3/4	4,807.34	3/4	4,312.41	3/4	3,817.48		
6	6	6	6	6	6	7,168.75	6	6,769.32	6	6,277.87	6	5,786.42	6	5,291.96	6	4,797.03	6	4,302.10	6	3,807.17
1/4	1/4	1/4	1/4	1/4	1/4	7,167.96	1/4	6,769.08	1/4	6,267.63	1/4	5,776.18	1/4	5,281.65	1/4	4,786.72	1/4	4,291.79	1/4	3,796.86
1/2	1/2	1/2	1/2	1/2	1/2	7,167.16	1/2	6,748.84	1/2	6,257.39	1/2	5,765.94	1/2	5,271.33	1/2	4,776.41	1/2	4,281.48	1/2	3,786.55
3/4	3/4	3/4	3/4	3/4	3/4	7,164.56	3/4	6,738.61	3/4	6,247.15	3/4	5,755.70	3/4	5,261.02	3/4	4,766.10	3/4	4,271.17	3/4	3,776.22
7	7	7	7	7	7	7,161.96	7	6,728.37	7	6,236.91	7	5,745.46	7	5,250.71	7	4,755.78	7	4,260.86	7	3,765.89
1/4	1/4	1/4	1/4	1/4	1/4	7,159.35	1/4	6,718.13	1/4	6,226.68	1/4	5,735.22	1/4	5,240.40	1/4	4,745.47	1/4	4,250.55	1/4	3,755.56
1/2	1/2	1/2	1/2	1/2	1/2	7,156.75	1/2	6,707.89	1/2	6,216.44	1/2	5,724.98	1/2	5,230.09	1/2	4,735.16	1/2	4,240.23	1/2	3,745.23
3/4	3/4	3/4	3/4	3/4	3/4	7,152.08	3/4	6,697.65	3/4	6,206.20	3/4	5,714.68	3/4	5,219.78	3/4	4,724.85	3/4	4,229.92	3/4	3,734.90
8	8	8	8	8	8	7,147.41	8	6,687.41	8	6,195.96	8	5,704.38	8	5,209.47	8	4,714.54	8	4,219.61	8	3,724.57
1/4	1/4	1/4	1/4	1/4	1/4	7,142.74	1/4	6,677.17	1/4	6,185.72	1/4	5,694.08	1/4	5,199.16	1/4	4,704.23	1/4	4,209.30	1/4	3,714.24
1/2	1/2	1/2	1/2	1/2	1/2	7,138.07	1/2	6,666.94	1/2	6,175.48	1/2	5,683.77	1/2	5,188.85	1/2	4,693.92	1/2	4,198.99	1/2	3,703.91
3/4	3/4	3/4	3/4	3/4	3/4	7,131.34	3/4	6,656.70	3/4	6,165.24	3/4	5,673.46	3/4	5,178.54	3/4	4,683.61	3/4	4,188.68	3/4	3,693.58
9	9	9	9	9	9	7,124.60	9	6,646.46	9	6,155.01	9	5,663.15	9	5,168.22	9	4,673.30	9	4,178.37	9	3,683.25
1/4	1/4	1/4	1/4	1/4	1/4	7,117.87	1/4	6,636.22	1/4	6,144.77	1/4	5,652.84	1/4	5,157.91	1/4	4,662.99	1/4	4,168.06	1/4	3,672.92
1/2	1/2	1/2	1/2	1/2	1/2	7,111.13	1/2	6,625.98	1/2	6,134.53	1/2	5,642.53	1/2	5,147.60	1/2	4,652.67	1/2	4,157.75	1/2	3,662.59
3/4	3/4	3/4	3/4	3/4	3/4	7,102.33	3/4	6,615.74	3/4	6,124.29	3/4	5,632.22	3/4	5,137.29	3/4	4,642.36	3/4	4,147.44	3/4	3,652.26
10	10	10	10	10	10	7,093.53	10	6,605.50	10	6,114.05	10	5,621.91	10	5,126.98	10	4,632.05	10	4,137.12	10	3,641.93
1/4	1/4	1/4	1/4	1/4	1/4	7,084.73	1/4	6,595.27	1/4	6,103.81	1/4	5,611.60	1/4	5,116.67	1/4	4,621.74	1/4	4,126.81	1/4	3,631.60
1/2	1/2	1/2	1/2	1/2	1/2	7,075.93	1/2	6,585.03	1/2	6,093.57	1/2	5,601.29	1/2	5,106.36	1/2	4,611.43	1/2	4,116.50	1/2	3,621.27
3/4	3/4	3/4	3/4	3/4	3/4	7,065.86	3/4	6,574.79	3/4	6,083.34	3/4	5,590.98	3/4	5,096.05	3/4	4,601.12	3/4	4,106.19	3/4	3,610.94
11	11	11	11	11	11	7,055.80	11	6,564.55	11	6,073.10	11	5,580.66	11	5,085.74	11	4,590.81	11	4,095.88	11	3,600.61
1/4	1/4	1/4	1/4	1/4	1/4	7,045.74	1/4	6,554.31	1/4	6,062.86	1/4	5,570.35	1/4	5,075.43	1/4	4,580.50	1/4	4,085.57	1/4	3,590.28
1/2	1/2	1/2	1/2	1/2	1/2	7,035.67	1/2	6,544.07	1/2	6,052.62	1/2	5,560.04	1/2	5,065.11	1/2	4,570.19	1/2	4,075.26	1/2	3,579.95
3/4	3/4	3/4	3/4	3/4	3/4	7,025.43	3/4	6,533.83	3/4	6,042.38	3/4	5,549.73	3/4	5,054.80	3/4	4,559.88	3/4	4,064.95	3/4	3,569.62

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'-0" OFF CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "WEB 329"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,559.29	0	3,063.44	0	2,567.59	0	2,071.74	0	1,575.89	0	1,080.50	0	585.98	0	149.94	0		0	
1/4	3,548.96	1/4	3,063.11	1/4	2,567.26	1/4	2,061.41	1/4	1,565.56	1/4	1,070.19	1/4	575.88	1/4	141.89	1/4		1/4	
1/2	3,538.63	1/2	3,042.78	1/2	2,546.93	1/2	2,051.08	1/2	1,555.23	1/2	1,059.88	1/2	565.78	1/2	133.83	1/2		1/2	
3/4	3,528.30	3/4	3,032.45	3/4	2,536.60	3/4	2,040.75	3/4	1,544.90	3/4	1,049.57	3/4	555.68	3/4	125.96	3/4		3/4	
1	3,517.97	1	3,022.12	1	2,526.27	1	2,030.42	1	1,534.57	1	1,039.26	1	545.92	1	118.10	1		1	
1/4	3,507.64	1/4	3,011.79	1/4	2,515.94	1/4	2,020.09	1/4	1,524.24	1/4	1,028.95	1/4	535.99	1/4	110.23	1/4		1/4	
1/2	3,497.31	1/2	3,001.46	1/2	2,505.61	1/2	2,009.76	1/2	1,513.91	1/2	1,018.64	1/2	526.06	1/2	102.36	1/2		1/2	
3/4	3,486.98	3/4	2,991.13	3/4	2,495.28	3/4	1,999.43	3/4	1,503.58	3/4	1,008.33	3/4	516.30	3/4	94.70	3/4		3/4	
2	3,476.65	2	2,980.80	2	2,484.95	2	1,989.10	2	1,493.25	2	998.03	2	506.54	2	87.03	2		2	
1/4	3,466.32	1/4	2,970.47	1/4	2,474.62	1/4	1,978.77	1/4	1,482.92	1/4	987.72	1/4	496.78	1/4	79.36	1/4		1/4	
1/2	3,455.99	1/2	2,960.14	1/2	2,464.29	1/2	1,968.44	1/2	1,472.59	1/2	977.41	1/2	487.02	1/2	71.70	1/2		1/2	
3/4	3,445.66	3/4	2,949.81	3/4	2,453.96	3/4	1,958.11	3/4	1,462.26	3/4	967.10	3/4	477.43	3/4	64.25	3/4		3/4	
3	3,435.33	3	2,939.48	3	2,443.63	3	1,947.78	3	1,451.93	3	956.79	3	467.84	3	56.81	3		3	
1/4	3,425.00	1/4	2,929.15	1/4	2,433.30	1/4	1,937.45	1/4	1,441.60	1/4	946.48	1/4	458.25	1/4	49.37	1/4		1/4	
1/2	3,414.67	1/2	2,918.82	1/2	2,422.97	1/2	1,927.12	1/2	1,431.27	1/2	936.17	1/2	448.66	1/2	41.93	1/2		1/2	
3/4	3,404.34	3/4	2,908.49	3/4	2,412.64	3/4	1,916.79	3/4	1,420.94	3/4	925.86	3/4	439.23	3/4	36.06	3/4		3/4	
4	3,394.01	4	2,898.16	4	2,402.31	4	1,906.46	4	1,410.61	4	915.55	4	429.81	4	30.19	4		4	
1/4	3,383.68	1/4	2,887.83	1/4	2,391.98	1/4	1,896.13	1/4	1,400.28	1/4	905.24	1/4	420.39	1/4	24.32	1/4		1/4	
1/2	3,373.35	1/2	2,877.50	1/2	2,381.65	1/2	1,885.80	1/2	1,389.95	1/2	894.93	1/2	410.96	1/2	18.45	1/2		1/2	
3/4	3,363.02	3/4	2,867.17	3/4	2,371.32	3/4	1,875.47	3/4	1,379.62	3/4	884.63	3/4	401.71	3/4	15.95	3/4		3/4	
5	3,352.69	5	2,856.84	5	2,360.99	5	1,865.14	5	1,369.29	5	874.32	5	392.46	5	13.46	5		5	
1/4	3,342.36	1/4	2,846.51	1/4	2,350.66	1/4	1,854.81	1/4	1,358.96	1/4	864.01	1/4	383.20	1/4	10.96	1/4		1/4	
1/2	3,332.03	1/2	2,836.18	1/2	2,340.33	1/2	1,844.48	1/2	1,348.63	1/2	853.70	1/2	373.95	1/2	8.47	1/2		1/2	
3/4	3,321.70	3/4	2,825.85	3/4	2,330.00	3/4	1,834.15	3/4	1,338.30	3/4	843.39	3/4	364.86	3/4	6.71	3/4		3/4	
6	3,311.37	6	2,815.52	6	2,319.67	6	1,823.82	6	1,327.97	6	833.08	6	355.78	6	4.94	6		6	
1/4	3,301.03	1/4	2,805.19	1/4	2,309.34	1/4	1,813.49	1/4	1,317.64	1/4	822.77	1/4	346.69	1/4	3.18	1/4		1/4	
1/2	3,290.70	1/2	2,794.86	1/2	2,299.01	1/2	1,803.16	1/2	1,307.31	1/2	812.46	1/2	337.61	1/2	1.42	1/2		1/2	
3/4	3,280.37	3/4	2,784.52	3/4	2,288.68	3/4	1,792.83	3/4	1,297.00	3/4	802.13	3/4	328.69	3/4		3/4		3/4	
7	3,270.04	7	2,774.19	7	2,278.35	7	1,782.50	7	1,286.68	7	791.81	7	319.77	7		7		7	
1/4	3,269.71	1/4	2,763.86	1/4	2,268.01	1/4	1,772.17	1/4	1,276.37	1/4	781.48	1/4	310.86	1/4		1/4		1/4	
1/2	3,249.38	1/2	2,753.53	1/2	2,257.68	1/2	1,761.84	1/2	1,266.06	1/2	771.15	1/2	301.94	1/2		1/2		1/2	
3/4	3,239.05	3/4	2,743.20	3/4	2,247.35	3/4	1,751.50	3/4	1,255.75	3/4	760.82	3/4	293.19	3/4		3/4		3/4	
8	3,228.72	8	2,732.87	8	2,237.02	8	1,741.17	8	1,245.44	8	750.49	8	284.44	8		8		8	
1/4	3,218.39	1/4	2,722.54	1/4	2,226.69	1/4	1,730.84	1/4	1,235.13	1/4	740.16	1/4	275.70	1/4		1/4		1/4	
1/2	3,208.06	1/2	2,712.21	1/2	2,216.36	1/2	1,720.51	1/2	1,224.83	1/2	729.83	1/2	266.95	1/2		1/2		1/2	
3/4	3,197.73	3/4	2,701.88	3/4	2,206.03	3/4	1,710.18	3/4	1,214.52	3/4	719.50	3/4	258.37	3/4		3/4		3/4	
9	3,187.40	9	2,691.55	9	2,195.70	9	1,699.85	9	1,204.21	9	709.17	9	249.79	9		9		9	
1/4	3,177.07	1/4	2,681.22	1/4	2,185.37	1/4	1,689.52	1/4	1,193.90	1/4	698.84	1/4	241.21	1/4		1/4		1/4	
1/2	3,166.74	1/2	2,670.89	1/2	2,175.04	1/2	1,679.19	1/2	1,183.59	1/2	688.51	1/2	232.63	1/2		1/2		1/2	
3/4	3,156.41	3/4	2,660.56	3/4	2,164.71	3/4	1,668.86	3/4	1,173.28	3/4	678.18	3/4	224.22	3/4		3/4		3/4	
10	3,146.08	10	2,650.23	10	2,154.38	10	1,658.53	10	1,162.97	10	667.85	10	215.81	10		10		10	
1/4	3,135.75	1/4	2,639.90	1/4	2,144.05	1/4	1,648.20	1/4	1,152.66	1/4	657.52	1/4	207.40	1/4		1/4		1/4	
1/2	3,125.42	1/2	2,629.57	1/2	2,133.72	1/2	1,637.87	1/2	1,142.35	1/2	647.19	1/2	198.99	1/2		1/2		1/2	
3/4	3,115.09	3/4	2,619.24	3/4	2,123.39	3/4	1,627.54	3/4	1,132.04	3/4	636.94	3/4	190.76	3/4		3/4		3/4	
11	3,104.76	11	2,608.91	11	2,113.06	11	1,617.21	11	1,121.73	11	626.68	11	182.52	11		11		11	
1/4	3,094.43	1/4	2,598.58	1/4	2,102.73	1/4	1,606.88	1/4	1,111.43	1/4	616.43	1/4	174.29	1/4		1/4		1/4	
1/2	3,084.10	1/2	2,588.25	1/2	2,092.40	1/2	1,596.55	1/2	1,101.12	1/2	606.17	1/2	166.05	1/2		1/2		1/2	
3/4	3,073.77	3/4	2,577.92	3/4	2,082.07	3/4	1,586.22	3/4	1,090.81	3/4	596.07	3/4	158.00	3/4		3/4		3/4	

STRAPPED: 01/10/2013 CL - SW
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CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 329"

2 POINT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,069.54	0	1,784.21	0	1,498.87	0	1,213.53	0	928.20	0	649.67	0	368.47	0	83.32	0		0	
1/4	2,063.60	1/4	1,778.26	1/4	1,492.93	1/4	1,207.59	1/4	922.25	1/4	643.96	1/4	362.53	1/4	77.41	1/4		1/4	
1/2	2,057.65	1/2	1,772.32	1/2	1,486.98	1/2	1,201.65	1/2	916.31	1/2	638.24	1/2	356.58	1/2	71.49	1/2		1/2	
3/4	2,051.71	3/4	1,766.37	3/4	1,481.04	3/4	1,195.70	3/4	910.36	3/4	632.53	3/4	350.64	3/4	65.61	3/4		3/4	
1	2,045.76	1	1,760.43	1	1,475.09	1	1,189.76	1	904.42	1	626.81	1	344.69	1	59.72	1		1	
1/4	2,039.82	1/4	1,754.48	1/4	1,469.15	1/4	1,183.81	1/4	898.48	1/4	621.10	1/4	338.75	1/4	53.84	1/4		1/4	
1/2	2,033.88	1/2	1,748.54	1/2	1,463.20	1/2	1,177.87	1/2	892.53	1/2	615.38	1/2	332.80	1/2	47.95	1/2		1/2	
3/4	2,027.93	3/4	1,742.59	3/4	1,457.26	3/4	1,171.92	3/4	886.59	3/4	609.67	3/4	326.86	3/4	42.54	3/4		3/4	
2	2,021.99	2	1,736.65	2	1,451.31	2	1,165.98	2	880.64	2	603.95	2	320.92	2	37.13	2		2	
1/4	2,016.04	1/4	1,730.71	1/4	1,445.37	1/4	1,160.03	1/4	874.70	1/4	598.24	1/4	314.97	1/4	31.72	1/4		1/4	
1/2	2,010.10	1/2	1,724.76	1/2	1,439.43	1/2	1,154.09	1/2	868.75	1/2	592.52	1/2	309.03	1/2	26.31	1/2		1/2	
3/4	2,004.15	3/4	1,718.82	3/4	1,433.48	3/4	1,148.14	3/4	862.81	3/4	586.80	3/4	303.08	3/4	22.35	3/4		3/4	
3	1,998.21	3	1,712.87	3	1,427.54	3	1,142.20	3	856.86	3	581.09	3	297.14	3	18.39	3		3	
1/4	1,992.26	1/4	1,706.93	1/4	1,421.59	1/4	1,136.26	1/4	850.92	1/4	575.37	1/4	291.19	1/4	14.43	1/4		1/4	
1/2	1,986.32	1/2	1,700.98	1/2	1,415.65	1/2	1,130.31	1/2	844.98	1/2	569.66	1/2	285.25	1/2	10.47	1/2		1/2	
3/4	1,980.37	3/4	1,695.04	3/4	1,409.70	3/4	1,124.37	3/4	839.09	3/4	563.89	3/4	279.31	3/4		3/4		3/4	
4	1,974.43	4	1,689.09	4	1,403.76	4	1,118.42	4	833.20	4	558.11	4	273.36	4		4		4	
1/4	1,968.49	1/4	1,683.15	1/4	1,397.81	1/4	1,112.48	1/4	827.31	1/4	552.34	1/4	267.42	1/4		1/4		1/4	
1/2	1,962.54	1/2	1,677.21	1/2	1,391.87	1/2	1,106.53	1/2	821.42	1/2	546.57	1/2	261.47	1/2		1/2		1/2	
3/4	1,956.60	3/4	1,671.26	3/4	1,385.92	3/4	1,100.59	3/4	815.65	3/4	540.68	3/4	255.53	3/4		3/4		3/4	
5	1,950.65	5	1,665.32	5	1,379.98	5	1,094.64	5	809.87	5	534.80	5	249.58	5		5		5	
1/4	1,944.71	1/4	1,659.37	1/4	1,374.04	1/4	1,088.70	1/4	804.09	1/4	528.91	1/4	243.64	1/4		1/4		1/4	
1/2	1,938.76	1/2	1,653.43	1/2	1,368.09	1/2	1,082.76	1/2	798.32	1/2	523.02	1/2	237.70	1/2		1/2		1/2	
3/4	1,932.82	3/4	1,647.48	3/4	1,362.15	3/4	1,076.81	3/4	792.60	3/4	517.08	3/4	231.75	3/4		3/4		3/4	
6	1,926.87	6	1,641.54	6	1,356.20	6	1,070.87	6	786.88	6	511.13	6	225.81	6		6		6	
1/4	1,920.93	1/4	1,635.59	1/4	1,350.26	1/4	1,064.92	1/4	781.16	1/4	505.19	1/4	219.86	1/4		1/4		1/4	
1/2	1,914.99	1/2	1,629.65	1/2	1,344.31	1/2	1,058.98	1/2	775.44	1/2	499.25	1/2	213.92	1/2		1/2		1/2	
3/4	1,909.04	3/4	1,623.70	3/4	1,338.37	3/4	1,053.03	3/4	769.72	3/4	493.30	3/4	207.97	3/4		3/4		3/4	
7	1,903.10	7	1,617.76	7	1,332.42	7	1,047.09	7	764.00	7	487.36	7	202.03	7		7		7	
1/4	1,897.15	1/4	1,611.82	1/4	1,326.48	1/4	1,041.14	1/4	758.28	1/4	481.41	1/4	196.09	1/4		1/4		1/4	
1/2	1,891.21	1/2	1,605.87	1/2	1,320.54	1/2	1,035.20	1/2	752.56	1/2	475.47	1/2	190.14	1/2		1/2		1/2	
3/4	1,885.26	3/4	1,599.93	3/4	1,314.59	3/4	1,029.25	3/4	746.84	3/4	469.52	3/4	184.20	3/4		3/4		3/4	
8	1,879.32	8	1,593.98	8	1,308.65	8	1,023.31	8	741.12	8	463.58	8	178.25	8		8		8	
1/4	1,873.37	1/4	1,588.04	1/4	1,302.70	1/4	1,017.37	1/4	735.41	1/4	457.64	1/4	172.31	1/4		1/4		1/4	
1/2	1,867.43	1/2	1,582.09	1/2	1,296.76	1/2	1,011.42	1/2	729.69	1/2	451.69	1/2	166.37	1/2		1/2		1/2	
3/4	1,861.48	3/4	1,576.15	3/4	1,290.81	3/4	1,005.48	3/4	723.97	3/4	445.75	3/4	160.42	3/4		3/4		3/4	
9	1,855.54	9	1,570.20	9	1,284.87	9	999.53	9	718.26	9	439.80	9	154.48	9		9		9	
1/4	1,849.60	1/4	1,564.26	1/4	1,278.92	1/4	993.59	1/4	712.54	1/4	433.86	1/4	148.54	1/4		1/4		1/4	
1/2	1,843.65	1/2	1,558.32	1/2	1,272.98	1/2	987.64	1/2	706.82	1/2	427.91	1/2	142.60	1/2		1/2		1/2	
3/4	1,837.71	3/4	1,552.37	3/4	1,267.03	3/4	981.70	3/4	701.11	3/4	421.97	3/4	136.66	3/4		3/4		3/4	
10	1,831.76	10	1,546.43	10	1,261.09	10	975.75	10	695.39	10	416.02	10	130.72	10		10		10	
1/4	1,825.82	1/4	1,540.48	1/4	1,255.15	1/4	969.81	1/4	689.68	1/4	410.08	1/4	124.79	1/4		1/4		1/4	
1/2	1,819.87	1/2	1,534.54	1/2	1,249.20	1/2	963.87	1/2	683.96	1/2	404.14	1/2	118.85	1/2		1/2		1/2	
3/4	1,813.93	3/4	1,528.59	3/4	1,243.26	3/4	957.92	3/4	678.25	3/4	398.19	3/4	112.92	3/4		3/4		3/4	
11	1,807.98	11	1,522.65	11	1,237.31	11	951.98	11	672.53	11	392.25	11	107.00	11		11		11	
1/4	1,802.04	1/4	1,516.70	1/4	1,231.37	1/4	946.03	1/4	666.82	1/4	386.30	1/4	101.07	1/4		1/4		1/4	
1/2	1,796.10	1/2	1,510.76	1/2	1,225.42	1/2	940.09	1/2	661.10	1/2	380.36	1/2	95.14	1/2		1/2		1/2	
3/4	1,790.15	3/4	1,504.81	3/4	1,219.48	3/4	934.14	3/4	655.39	3/4	374.41	3/4	89.23	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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ALL PRIOR TO 01/2013

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



BARGE "WEB 329"

2 ST 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			
0		0		0		0	4,069.25	0	3,786.29	0	3,503.37	0	3,219.67	0	2,934.84	0	2,650.01	0	2,365.17		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,063.34	1/4	3,780.40	1/4	3,497.48	1/4	3,213.74	1/4	2,928.90	1/4	2,644.07	1/4	2,359.24		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,057.44	1/2	3,774.50	1/2	3,491.58	1/2	3,207.80	1/2	2,922.97	1/2	2,638.14	1/2	2,353.31		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,051.54	3/4	3,768.61	3/4	3,485.69	3/4	3,201.87	3/4	2,917.04	3/4	2,632.20	3/4	2,347.37		
1	1	1	1	1	1	1	4,045.64	1	3,762.71	1	3,479.80	1	3,195.93	1	2,911.10	1	2,626.27	1	2,341.44		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,039.74	1/4	3,756.82	1/4	3,473.90	1/4	3,190.00	1/4	2,905.17	1/4	2,620.34	1/4	2,335.50		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,033.84	1/2	3,750.92	1/2	3,468.01	1/2	3,184.07	1/2	2,899.23	1/2	2,614.40	1/2	2,329.57		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,027.95	3/4	3,745.03	3/4	3,462.11	3/4	3,178.13	3/4	2,893.30	3/4	2,608.47	3/4	2,323.64		
2	2	2	2	2	2	2	4,022.05	2	3,739.14	2	3,456.22	2	3,172.20	2	2,887.37	2	2,602.53	2	2,317.70		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,016.16	1/4	3,733.24	1/4	3,450.33	1/4	3,166.26	1/4	2,881.43	1/4	2,596.60	1/4	2,311.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,010.27	1/2	3,727.35	1/2	3,444.43	1/2	3,160.33	1/2	2,875.50	1/2	2,590.67	1/2	2,305.83		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,004.37	3/4	3,721.45	3/4	3,438.54	3/4	3,154.40	3/4	2,869.56	3/4	2,584.73	3/4	2,299.90		
3	3	3	3	3	3	3	3,998.48	3	3,715.56	3	3,432.64	3	3,148.46	3	2,863.63	3	2,578.80	3	2,293.97		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,992.58	1/4	3,709.67	1/4	3,426.75	1/4	3,142.53	1/4	2,857.70	1/4	2,572.86	1/4	2,288.03		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,986.69	1/2	3,703.77	1/2	3,420.86	1/2	3,136.69	1/2	2,851.76	1/2	2,566.93	1/2	2,282.10		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,980.79	3/4	3,697.88	3/4	3,414.96	3/4	3,130.66	3/4	2,845.83	3/4	2,561.00	3/4	2,276.16		
4	4	4	4	4	4	4	3,974.90	4	3,691.98	4	3,409.07	4	3,124.73	4	2,839.89	4	2,555.06	4	2,270.23		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,969.01	1/4	3,686.09	1/4	3,403.17	1/4	3,118.79	1/4	2,833.96	1/4	2,549.13	1/4	2,264.30		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,963.11	1/2	3,680.20	1/2	3,397.28	1/2	3,112.86	1/2	2,828.03	1/2	2,543.19	1/2	2,258.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,957.22	3/4	3,674.30	3/4	3,391.38	3/4	3,106.92	3/4	2,822.09	3/4	2,537.26	3/4	2,252.42		
5	5	5	5	5	5	5	3,951.32	5	3,668.41	5	3,385.49	5	3,100.99	5	2,816.16	5	2,531.33	5	2,246.48		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,945.43	1/4	3,662.51	1/4	3,379.60	1/4	3,095.06	1/4	2,810.22	1/4	2,525.39	1/4	2,240.54		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,939.54	1/2	3,656.62	1/2	3,373.70	1/2	3,089.12	1/2	2,804.29	1/2	2,519.46	1/2	2,234.61		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,933.64	3/4	3,650.73	3/4	3,367.81	3/4	3,083.19	3/4	2,798.36	3/4	2,513.52	3/4	2,228.66		
6	6	6	6	6	6	6	3,927.75	6	3,644.83	6	3,361.91	6	3,077.25	6	2,792.42	6	2,507.59	6	2,222.72		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,921.85	1/4	3,638.94	1/4	3,356.02	1/4	3,071.32	1/4	2,786.49	1/4	2,501.66	1/4	2,216.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,915.96	1/2	3,633.04	1/2	3,350.13	1/2	3,065.39	1/2	2,780.55	1/2	2,495.72	1/2	2,210.83		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,910.07	3/4	3,627.15	3/4	3,344.22	3/4	3,059.45	3/4	2,774.62	3/4	2,489.79	3/4	2,204.88		
7	7	7	7	7	7	7	4,170.05	7	3,904.17	7	3,621.25	7	3,338.30	7	3,053.52	7	2,768.69	7	2,483.85	7	2,198.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,167.21	1/4	3,898.28	1/4	3,615.36	1/4	3,332.39	1/4	3,047.58	1/4	2,762.75	1/4	2,477.92	1/4	2,192.99
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,164.36	1/2	3,892.38	1/2	3,609.47	1/2	3,326.48	1/2	3,041.65	1/2	2,756.82	1/2	2,471.99	1/2	2,187.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,160.33	3/4	3,886.49	3/4	3,603.57	3/4	3,320.55	3/4	3,035.72	3/4	2,750.88	3/4	2,466.05	3/4	2,181.11
8	8	8	8	8	8	8	4,156.30	8	3,880.60	8	3,597.68	8	3,314.61	8	3,029.78	8	2,744.95	8	2,460.12	8	2,175.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,152.27	1/4	3,874.70	1/4	3,591.78	1/4	3,308.68	1/4	3,023.85	1/4	2,739.02	1/4	2,454.18	1/4	2,169.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,148.24	1/2	3,868.81	1/2	3,585.89	1/2	3,302.75	1/2	3,017.91	1/2	2,733.08	1/2	2,448.25	1/2	2,163.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,143.10	3/4	3,862.91	3/4	3,580.00	3/4	3,296.81	3/4	3,011.98	3/4	2,727.15	3/4	2,442.32	3/4	2,157.33
9	9	9	9	9	9	9	4,137.97	9	3,857.02	9	3,574.10	9	3,290.88	9	3,006.05	9	2,721.21	9	2,436.38	9	2,151.38
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,132.83	1/4	3,851.12	1/4	3,568.21	1/4	3,284.94	1/4	3,000.11	1/4	2,715.28	1/4	2,430.45	1/4	2,145.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,127.70	1/2	3,845.23	1/2	3,562.31	1/2	3,279.01	1/2	2,994.18	1/2	2,709.35	1/2	2,424.51	1/2	2,139.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,121.93	3/4	3,839.34	3/4	3,556.42	3/4	3,273.08	3/4	2,988.24	3/4	2,703.41	3/4	2,418.58	3/4	2,133.55
10	10	10	10	10	10	10	4,116.16	10	3,833.44	10	3,550.53	10	3,267.14	10	2,982.31	10	2,697.48	10	2,412.65	10	2,127.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,110.39	1/4	3,827.55	1/4	3,544.63	1/4	3,261.21	1/4	2,976.38	1/4	2,691.54	1/4	2,406.71	1/4	2,121.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,104.63	1/2	3,821.65	1/2	3,538.74	1/2	3,255.27	1/2	2,970.44	1/2	2,685.61	1/2	2,400.78	1/2	2,115.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,098.73	3/4	3,815.76	3/4	3,532.84	3/4	3,249.34	3/4	2,964.51	3/4	2,679.68	3/4	2,394.84	3/4	2,109.77
11	11	11	11	11	11	11	4,092.84	11	3,809.87	11	3,526.95	11	3,243.41	11	2,958.57	11	2,673.74	11	2,388.91	11	2,103.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,086.94	1/4	3,803.97	1/4	3,521.05	1/4	3,237.47	1/4	2,952.64	1/4	2,667.81	1/4	2,382.98	1/4	2,097.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,081.05	1/2	3,798.08	1/2	3,515.16	1/2	3,231.54	1/2	2,946.71	1/2	2,661.87	1/2	2,377.04	1/2	2,091.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,075.15	3/4	3,792.18	3/4	3,509.27	3/4	3,225.60	3/4	2,940.77	3/4	2,655.94	3/4	2,371.11	3/4	2,085.99

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 329"

2 ST
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,080.05	0	1,794.71	0	1,509.38	0	1,224.04	0	938.70	0	653.56	0	368.47	0	83.32	0		0	
1/4	2,074.10	1/4	1,788.77	1/4	1,503.43	1/4	1,218.10	1/4	932.76	1/4	647.63	1/4	362.53	1/4	77.41	1/4		1/4	
1/2	2,068.16	1/2	1,782.82	1/2	1,497.49	1/2	1,212.15	1/2	926.82	1/2	641.70	1/2	356.58	1/2	71.49	1/2		1/2	
3/4	2,062.22	3/4	1,776.88	3/4	1,491.54	3/4	1,206.21	3/4	920.87	3/4	635.76	3/4	350.64	3/4	65.61	3/4		3/4	
1	2,056.27	1	1,770.93	1	1,485.60	1	1,200.26	1	914.93	1	629.83	1	344.69	1	59.72	1		1	
1/4	2,050.33	1/4	1,764.99	1/4	1,479.65	1/4	1,194.32	1/4	908.98	1/4	623.90	1/4	338.75	1/4	53.84	1/4		1/4	
1/2	2,044.38	1/2	1,759.05	1/2	1,473.71	1/2	1,188.37	1/2	903.04	1/2	617.97	1/2	332.81	1/2	47.95	1/2		1/2	
3/4	2,038.44	3/4	1,753.10	3/4	1,467.77	3/4	1,182.43	3/4	897.09	3/4	612.04	3/4	326.86	3/4	42.54	3/4		3/4	
2	2,032.49	2	1,747.16	2	1,461.82	2	1,176.48	2	891.15	2	606.11	2	320.92	2	37.13	2		2	
1/4	2,026.55	1/4	1,741.21	1/4	1,455.88	1/4	1,170.54	1/4	885.20	1/4	600.18	1/4	314.97	1/4	31.72	1/4		1/4	
1/2	2,020.60	1/2	1,735.27	1/2	1,449.93	1/2	1,164.60	1/2	879.26	1/2	594.25	1/2	309.03	1/2	26.31	1/2		1/2	
3/4	2,014.66	3/4	1,729.32	3/4	1,443.99	3/4	1,158.65	3/4	873.32	3/4	588.32	3/4	303.08	3/4	22.35	3/4		3/4	
3	2,008.71	3	1,723.38	3	1,438.04	3	1,152.71	3	867.37	3	582.38	3	297.14	3	18.39	3		3	
1/4	2,002.77	1/4	1,717.43	1/4	1,432.10	1/4	1,146.76	1/4	861.43	1/4	576.45	1/4	291.20	1/4	14.43	1/4		1/4	
1/2	1,996.83	1/2	1,711.49	1/2	1,426.15	1/2	1,140.82	1/2	855.48	1/2	570.52	1/2	285.25	1/2	10.47	1/2		1/2	
3/4	1,990.88	3/4	1,705.55	3/4	1,420.21	3/4	1,134.87	3/4	849.54	3/4	564.59	3/4	279.31	3/4		3/4		3/4	
4	1,984.94	4	1,699.60	4	1,414.26	4	1,128.93	4	843.59	4	558.65	4	273.36	4		4		4	
1/4	1,978.99	1/4	1,693.66	1/4	1,408.32	1/4	1,122.98	1/4	837.65	1/4	552.72	1/4	267.42	1/4		1/4		1/4	
1/2	1,973.05	1/2	1,687.71	1/2	1,402.38	1/2	1,117.04	1/2	831.70	1/2	546.79	1/2	261.47	1/2		1/2		1/2	
3/4	1,967.10	3/4	1,681.77	3/4	1,396.43	3/4	1,111.10	3/4	825.76	3/4	540.84	3/4	255.53	3/4		3/4		3/4	
5	1,961.16	5	1,675.82	5	1,390.49	5	1,105.15	5	819.81	5	534.90	5	249.58	5		5		5	
1/4	1,955.21	1/4	1,669.88	1/4	1,384.54	1/4	1,099.21	1/4	813.87	1/4	528.96	1/4	243.64	1/4		1/4		1/4	
1/2	1,949.27	1/2	1,663.93	1/2	1,378.60	1/2	1,093.26	1/2	807.93	1/2	523.02	1/2	237.70	1/2		1/2		1/2	
3/4	1,943.33	3/4	1,657.99	3/4	1,372.65	3/4	1,087.32	3/4	801.98	3/4	517.08	3/4	231.75	3/4		3/4		3/4	
6	1,937.38	6	1,652.04	6	1,366.71	6	1,081.37	6	796.04	6	511.13	6	225.81	6		6		6	
1/4	1,931.44	1/4	1,646.10	1/4	1,360.76	1/4	1,075.43	1/4	790.09	1/4	505.19	1/4	219.86	1/4		1/4		1/4	
1/2	1,925.49	1/2	1,640.16	1/2	1,354.82	1/2	1,069.48	1/2	784.15	1/2	499.25	1/2	213.92	1/2		1/2		1/2	
3/4	1,919.55	3/4	1,634.21	3/4	1,348.88	3/4	1,063.54	3/4	778.20	3/4	493.30	3/4	207.97	3/4		3/4		3/4	
7	1,913.60	7	1,628.27	7	1,342.93	7	1,057.59	7	772.26	7	487.36	7	202.03	7		7		7	
1/4	1,907.66	1/4	1,622.32	1/4	1,336.99	1/4	1,051.65	1/4	766.31	1/4	481.41	1/4	196.09	1/4		1/4		1/4	
1/2	1,901.71	1/2	1,616.38	1/2	1,331.04	1/2	1,045.71	1/2	760.37	1/2	475.47	1/2	190.14	1/2		1/2		1/2	
3/4	1,895.77	3/4	1,610.43	3/4	1,325.10	3/4	1,039.76	3/4	754.43	3/4	469.52	3/4	184.20	3/4		3/4		3/4	
8	1,889.82	8	1,604.49	8	1,319.15	8	1,033.82	8	748.49	8	463.58	8	178.25	8		8		8	
1/4	1,883.88	1/4	1,598.54	1/4	1,313.21	1/4	1,027.87	1/4	742.55	1/4	457.64	1/4	172.31	1/4		1/4		1/4	
1/2	1,877.94	1/2	1,592.60	1/2	1,307.26	1/2	1,021.93	1/2	736.61	1/2	451.69	1/2	166.37	1/2		1/2		1/2	
3/4	1,871.99	3/4	1,586.66	3/4	1,301.32	3/4	1,015.98	3/4	730.67	3/4	445.75	3/4	160.42	3/4		3/4		3/4	
9	1,866.05	9	1,580.71	9	1,295.37	9	1,010.04	9	724.74	9	439.80	9	154.48	9		9		9	
1/4	1,860.10	1/4	1,574.77	1/4	1,289.43	1/4	1,004.09	1/4	718.80	1/4	433.86	1/4	148.54	1/4		1/4		1/4	
1/2	1,854.16	1/2	1,568.82	1/2	1,283.49	1/2	998.15	1/2	712.87	1/2	427.91	1/2	142.60	1/2		1/2		1/2	
3/4	1,848.21	3/4	1,562.88	3/4	1,277.54	3/4	992.21	3/4	706.94	3/4	421.97	3/4	136.66	3/4		3/4		3/4	
10	1,842.27	10	1,556.93	10	1,271.60	10	986.26	10	701.01	10	416.03	10	130.72	10		10		10	
1/4	1,836.32	1/4	1,550.99	1/4	1,265.65	1/4	980.32	1/4	695.08	1/4	410.08	1/4	124.79	1/4		1/4		1/4	
1/2	1,830.38	1/2	1,545.04	1/2	1,259.71	1/2	974.37	1/2	689.14	1/2	404.14	1/2	118.85	1/2		1/2		1/2	
3/4	1,824.44	3/4	1,539.10	3/4	1,253.76	3/4	968.43	3/4	683.21	3/4	398.19	3/4	112.92	3/4		3/4		3/4	
11	1,818.49	11	1,533.15	11	1,247.82	11	962.48	11	677.28	11	392.25	11	107.00	11		11		11	
1/4	1,812.55	1/4	1,527.21	1/4	1,241.87	1/4	956.54	1/4	671.35	1/4	386.30	1/4	101.07	1/4		1/4		1/4	
1/2	1,806.60	1/2	1,521.27	1/2	1,235.93	1/2	950.59	1/2	665.42	1/2	380.36	1/2	95.14	1/2		1/2		1/2	
3/4	1,800.66	3/4	1,515.32	3/4	1,229.99	3/4	944.65	3/4	659.49	3/4	374.42	3/4	89.23	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/10/2013 CL - SW
CALCULATED: 01/10/2013 CL
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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



BARGE "WEB 329"

3 POINT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0	0	0	0	0	0	4,392.20	0	4,086.47	0	3,778.77	0	3,471.22	0	3,162.61	0	2,854.00	0	2,545.39		
1/4	1/4	1/4	1/4	1/4	1/4	4,385.80	1/4	4,079.08	1/4	3,772.38	1/4	3,464.79	1/4	3,156.18	1/4	2,847.57	1/4	2,538.96		
1/2	1/2	1/2	1/2	1/2	1/2	4,379.41	1/2	4,072.69	1/2	3,765.99	1/2	3,458.36	1/2	3,149.75	1/2	2,841.14	1/2	2,532.53		
3/4	3/4	3/4	3/4	3/4	3/4	4,373.01	3/4	4,066.30	3/4	3,759.60	3/4	3,451.93	3/4	3,143.32	3/4	2,834.71	3/4	2,526.10		
1	1	1	1	1	1	4,366.62	1	4,059.91	1	3,753.21	1	3,445.50	1	3,136.89	1	2,828.28	1	2,519.67		
1/4	1/4	1/4	1/4	1/4	1/4	4,360.22	1/4	4,053.52	1/4	3,746.82	1/4	3,439.07	1/4	3,130.46	1/4	2,821.85	1/4	2,513.24		
1/2	1/2	1/2	1/2	1/2	1/2	4,353.83	1/2	4,047.13	1/2	3,740.43	1/2	3,432.65	1/2	3,124.03	1/2	2,815.42	1/2	2,506.81		
3/4	3/4	3/4	3/4	3/4	3/4	4,347.44	3/4	4,040.74	3/4	3,734.04	3/4	3,426.22	3/4	3,117.60	3/4	2,808.99	3/4	2,500.38		
2	2	2	2	2	2	4,341.05	2	4,034.35	2	3,727.65	2	3,419.79	2	3,111.18	2	2,802.56	2	2,493.95		
1/4	1/4	1/4	1/4	1/4	1/4	4,334.66	1/4	4,027.96	1/4	3,721.26	1/4	3,413.36	1/4	3,104.75	1/4	2,796.13	1/4	2,487.52		
1/2	1/2	1/2	1/2	1/2	1/2	4,328.27	1/2	4,021.57	1/2	3,714.87	1/2	3,406.93	1/2	3,098.32	1/2	2,789.71	1/2	2,481.09		
3/4	3/4	3/4	3/4	3/4	3/4	4,321.88	3/4	4,015.18	3/4	3,708.48	3/4	3,400.50	3/4	3,091.89	3/4	2,783.28	3/4	2,474.66		
3	3	3	3	3	3	4,315.49	3	4,008.79	3	3,702.09	3	3,394.07	3	3,085.46	3	2,776.85	3	2,468.24		
1/4	1/4	1/4	1/4	1/4	1/4	4,309.10	1/4	4,002.40	1/4	3,695.70	1/4	3,387.64	1/4	3,079.03	1/4	2,770.42	1/4	2,461.81		
1/2	1/2	1/2	1/2	1/2	1/2	4,302.71	1/2	3,996.01	1/2	3,689.31	1/2	3,381.21	1/2	3,072.60	1/2	2,763.99	1/2	2,455.38		
3/4	3/4	3/4	3/4	3/4	3/4	4,296.32	3/4	3,989.62	3/4	3,682.92	3/4	3,374.78	3/4	3,066.17	3/4	2,757.56	3/4	2,448.95		
4	4	4	4	4	4	4,289.93	4	3,983.23	4	3,676.53	4	3,368.35	4	3,059.74	4	2,751.13	4	2,442.52		
1/4	1/4	1/4	1/4	1/4	1/4	4,283.55	1/4	3,976.84	1/4	3,670.14	1/4	3,361.92	1/4	3,053.31	1/4	2,744.70	1/4	2,436.09		
1/2	1/2	1/2	1/2	1/2	1/2	4,277.16	1/2	3,970.45	1/2	3,663.75	1/2	3,355.49	1/2	3,046.88	1/2	2,738.27	1/2	2,429.65		
3/4	3/4	3/4	3/4	3/4	3/4	4,270.77	3/4	3,964.07	3/4	3,657.36	3/4	3,349.06	3/4	3,040.45	3/4	2,731.84	3/4	2,423.22		
5	5	5	5	5	5	4,264.38	5	3,957.68	5	3,650.97	5	3,342.63	5	3,034.02	5	2,725.41	5	2,416.78		
1/4	1/4	1/4	1/4	1/4	1/4	4,257.99	1/4	3,951.29	1/4	3,644.59	1/4	3,336.20	1/4	3,027.59	1/4	2,718.98	1/4	2,410.34		
1/2	1/2	1/2	1/2	1/2	1/2	4,251.60	1/2	3,944.90	1/2	3,638.20	1/2	3,329.78	1/2	3,021.16	1/2	2,712.55	1/2	2,403.90		
3/4	3/4	3/4	3/4	3/4	3/4	4,245.21	3/4	3,938.51	3/4	3,631.81	3/4	3,323.35	3/4	3,014.73	3/4	2,706.12	3/4	2,397.46		
6	6	6	6	6	6	4,238.82	6	3,932.12	6	3,625.42	6	3,316.92	6	3,008.31	6	2,699.69	6	2,391.02		
1/4	1/4	1/4	1/4	1/4	1/4	4,232.43	1/4	3,925.73	1/4	3,619.03	1/4	3,310.49	1/4	3,001.88	1/4	2,693.26	1/4	2,384.58		
1/2	1/2	1/2	1/2	1/2	1/2	4,226.04	1/2	3,919.34	1/2	3,612.62	1/2	3,304.06	1/2	2,995.45	1/2	2,686.84	1/2	2,378.14		
3/4	3/4	3/4	3/4	3/4	3/4	4,219.65	3/4	3,912.95	3/4	3,606.20	3/4	3,297.63	3/4	2,989.02	3/4	2,680.41	3/4	2,371.70		
7	7	7	7	7	7	4,504.87	7	4,213.26	7	3,906.56	7	3,599.79	7	3,291.20	7	2,982.59	7	2,673.98	7	2,365.26
1/4	1/4	1/4	1/4	1/4	1/4	4,501.78	1/4	4,206.87	1/4	3,900.17	1/4	3,593.38	1/4	3,284.77	1/4	2,976.16	1/4	2,667.55	1/4	2,358.82
1/2	1/2	1/2	1/2	1/2	1/2	4,497.40	1/2	4,200.48	1/2	3,893.78	1/2	3,586.95	1/2	3,278.34	1/2	2,969.73	1/2	2,661.12	1/2	2,352.38
3/4	3/4	3/4	3/4	3/4	3/4	4,493.02	3/4	4,194.09	3/4	3,887.39	3/4	3,580.52	3/4	3,271.91	3/4	2,963.30	3/4	2,654.69	3/4	2,345.94
8	8	8	8	8	8	4,488.64	8	4,187.70	8	3,881.00	8	3,574.09	8	3,265.48	8	2,956.87	8	2,648.26	8	2,339.50
1/4	1/4	1/4	1/4	1/4	1/4	4,484.27	1/4	4,181.31	1/4	3,874.61	1/4	3,567.66	1/4	3,259.05	1/4	2,950.44	1/4	2,641.83	1/4	2,333.06
1/2	1/2	1/2	1/2	1/2	1/2	4,478.69	1/2	4,174.92	1/2	3,868.22	1/2	3,561.23	1/2	3,252.62	1/2	2,944.01	1/2	2,635.40	1/2	2,326.62
3/4	3/4	3/4	3/4	3/4	3/4	4,473.12	3/4	4,168.53	3/4	3,861.83	3/4	3,554.80	3/4	3,246.19	3/4	2,937.58	3/4	2,628.97	3/4	2,320.18
9	9	9	9	9	9	4,467.54	9	4,162.14	9	3,855.44	9	3,548.37	9	3,239.76	9	2,931.15	9	2,622.54	9	2,313.74
1/4	1/4	1/4	1/4	1/4	1/4	4,461.97	1/4	4,155.75	1/4	3,849.05	1/4	3,541.95	1/4	3,233.33	1/4	2,924.72	1/4	2,616.11	1/4	2,307.30
1/2	1/2	1/2	1/2	1/2	1/2	4,456.71	1/2	4,149.36	1/2	3,842.66	1/2	3,535.52	1/2	3,226.90	1/2	2,918.29	1/2	2,609.68	1/2	2,300.86
3/4	3/4	3/4	3/4	3/4	3/4	4,449.46	3/4	4,142.97	3/4	3,836.27	3/4	3,529.09	3/4	3,220.48	3/4	2,911.86	3/4	2,603.25	3/4	2,294.42
10	10	10	10	10	10	4,443.20	10	4,136.58	10	3,829.88	10	3,522.66	10	3,214.05	10	2,905.43	10	2,596.82	10	2,287.98
1/4	1/4	1/4	1/4	1/4	1/4	4,436.95	1/4	4,130.19	1/4	3,823.49	1/4	3,516.23	1/4	3,207.62	1/4	2,899.01	1/4	2,590.39	1/4	2,281.54
1/2	1/2	1/2	1/2	1/2	1/2	4,430.56	1/2	4,123.81	1/2	3,817.10	1/2	3,509.80	1/2	3,201.19	1/2	2,892.58	1/2	2,583.96	1/2	2,275.10
3/4	3/4	3/4	3/4	3/4	3/4	4,424.17	3/4	4,117.42	3/4	3,810.71	3/4	3,503.37	3/4	3,194.76	3/4	2,886.15	3/4	2,577.54	3/4	2,268.66
11	11	11	11	11	11	4,417.78	11	4,111.03	11	3,804.33	11	3,496.94	11	3,188.33	11	2,879.72	11	2,571.11	11	2,262.22
1/4	1/4	1/4	1/4	1/4	1/4	4,411.39	1/4	4,104.64	1/4	3,797.94	1/4	3,490.51	1/4	3,181.90	1/4	2,873.29	1/4	2,564.68	1/4	2,255.78
1/2	1/2	1/2	1/2	1/2	1/2	4,404.99	1/2	4,098.25	1/2	3,791.55	1/2	3,484.08	1/2	3,175.47	1/2	2,866.86	1/2	2,558.25	1/2	2,249.34
3/4	3/4	3/4	3/4	3/4	3/4	4,398.60	3/4	4,091.86	3/4	3,785.16	3/4	3,477.65	3/4	3,169.04	3/4	2,860.43	3/4	2,551.82	3/4	2,242.90

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 34'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "WEB 329"

3 PC
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,236.46	0	1,927.34	0	1,618.22	0	1,309.10	0	999.98	0	697.91	0	392.70	0	83.81	0		0	
1/4	2,230.02	1/4	1,920.90	1/4	1,611.78	1/4	1,302.66	1/4	993.54	1/4	691.70	1/4	386.26	1/4	77.41	1/4		1/4	
1/2	2,223.58	1/2	1,914.46	1/2	1,605.34	1/2	1,296.22	1/2	987.10	1/2	685.49	1/2	379.82	1/2	71.03	1/2		1/2	
3/4	2,217.14	3/4	1,908.02	3/4	1,598.90	3/4	1,289.78	3/4	980.66	3/4	679.28	3/4	373.38	3/4	64.66	3/4		3/4	
1	2,210.70	1	1,901.68	1	1,592.46	1	1,283.34	1	974.22	1	673.07	1	366.94	1	58.28	1		1	
1/4	2,204.26	1/4	1,895.14	1/4	1,586.02	1/4	1,276.90	1/4	967.78	1/4	666.86	1/4	360.50	1/4	51.90	1/4		1/4	
1/2	2,197.82	1/2	1,888.70	1/2	1,579.58	1/2	1,270.46	1/2	961.34	1/2	660.65	1/2	354.06	1/2	46.04	1/2		1/2	
3/4	2,191.38	3/4	1,882.26	3/4	1,573.14	3/4	1,264.02	3/4	954.90	3/4	654.44	3/4	347.62	3/4	40.18	3/4		3/4	
2	2,184.94	2	1,875.82	2	1,566.70	2	1,257.58	2	948.46	2	648.23	2	341.18	2	34.32	2		2	
1/4	2,178.50	1/4	1,869.38	1/4	1,560.26	1/4	1,251.14	1/4	942.02	1/4	642.02	1/4	334.74	1/4	28.46	1/4		1/4	
1/2	2,172.06	1/2	1,862.94	1/2	1,553.82	1/2	1,244.70	1/2	935.58	1/2	635.81	1/2	328.30	1/2	24.17	1/2		1/2	
3/4	2,165.62	3/4	1,856.50	3/4	1,547.38	3/4	1,238.26	3/4	929.14	3/4	629.60	3/4	321.86	3/4	19.88	3/4		3/4	
3	2,159.18	3	1,850.06	3	1,540.94	3	1,231.82	3	922.70	3	623.39	3	315.42	3	15.59	3		3	
1/4	2,152.74	1/4	1,843.62	1/4	1,534.50	1/4	1,225.38	1/4	916.26	1/4	617.18	1/4	308.98	1/4	11.30	1/4		1/4	
1/2	2,146.30	1/2	1,837.18	1/2	1,528.06	1/2	1,218.94	1/2	909.88	1/2	610.91	1/2	302.54	1/2		1/2		1/2	
3/4	2,139.86	3/4	1,830.74	3/4	1,521.62	3/4	1,212.50	3/4	903.50	3/4	604.64	3/4	296.10	3/4		3/4		3/4	
4	2,133.42	4	1,824.30	4	1,515.18	4	1,206.06	4	897.11	4	598.37	4	289.66	4	4	4		4	
1/4	2,126.98	1/4	1,817.86	1/4	1,508.74	1/4	1,199.62	1/4	890.73	1/4	592.10	1/4	283.22	1/4		1/4		1/4	
1/2	2,120.54	1/2	1,811.42	1/2	1,502.30	1/2	1,193.18	1/2	884.46	1/2	585.72	1/2	276.78	1/2		1/2		1/2	
3/4	2,114.10	3/4	1,804.98	3/4	1,495.86	3/4	1,186.74	3/4	878.19	3/4	579.34	3/4	270.34	3/4		3/4		3/4	
5	2,107.66	5	1,798.54	5	1,489.42	5	1,180.30	5	871.92	5	572.96	5	263.90	5	5	5		5	
1/4	2,101.22	1/4	1,792.10	1/4	1,482.98	1/4	1,173.86	1/4	865.64	1/4	566.57	1/4	257.46	1/4		1/4		1/4	
1/2	2,094.78	1/2	1,785.66	1/2	1,476.54	1/2	1,167.42	1/2	859.43	1/2	560.14	1/2	251.02	1/2		1/2		1/2	
3/4	2,088.34	3/4	1,779.22	3/4	1,470.10	3/4	1,160.98	3/4	853.21	3/4	553.70	3/4	244.58	3/4		3/4		3/4	
6	2,081.90	6	1,772.78	6	1,463.66	6	1,154.54	6	847.00	6	547.26	6	238.15	6	6	6		6	
1/4	2,075.46	1/4	1,766.34	1/4	1,457.22	1/4	1,148.10	1/4	840.78	1/4	540.82	1/4	231.71	1/4		1/4		1/4	
1/2	2,069.02	1/2	1,759.90	1/2	1,450.78	1/2	1,141.66	1/2	834.57	1/2	534.38	1/2	225.27	1/2		1/2		1/2	
3/4	2,062.58	3/4	1,753.46	3/4	1,444.34	3/4	1,135.22	3/4	828.36	3/4	527.94	3/4	218.83	3/4		3/4		3/4	
7	2,056.14	7	1,747.02	7	1,437.90	7	1,128.78	7	822.14	7	521.60	7	212.39	7	7	7		7	
1/4	2,049.70	1/4	1,740.58	1/4	1,431.46	1/4	1,122.34	1/4	815.93	1/4	515.06	1/4	205.95	1/4		1/4		1/4	
1/2	2,043.26	1/2	1,734.14	1/2	1,425.02	1/2	1,115.90	1/2	809.71	1/2	508.62	1/2	199.51	1/2		1/2		1/2	
3/4	2,036.82	3/4	1,727.70	3/4	1,418.58	3/4	1,109.46	3/4	803.50	3/4	502.18	3/4	193.07	3/4		3/4		3/4	
8	2,030.38	8	1,721.26	8	1,412.14	8	1,103.02	8	797.28	8	495.74	8	186.63	8	8	8		8	
1/4	2,023.94	1/4	1,714.82	1/4	1,405.70	1/4	1,096.58	1/4	791.07	1/4	489.30	1/4	180.19	1/4		1/4		1/4	
1/2	2,017.50	1/2	1,708.38	1/2	1,399.26	1/2	1,090.14	1/2	784.86	1/2	482.86	1/2	173.75	1/2		1/2		1/2	
3/4	2,011.06	3/4	1,701.94	3/4	1,392.82	3/4	1,083.70	3/4	778.65	3/4	476.42	3/4	167.31	3/4		3/4		3/4	
9	2,004.62	9	1,695.50	9	1,386.38	9	1,077.26	9	772.44	9	469.98	9	160.88	9	9	9		9	
1/4	1,998.18	1/4	1,689.06	1/4	1,379.94	1/4	1,070.82	1/4	766.23	1/4	463.54	1/4	154.44	1/4		1/4		1/4	
1/2	1,991.74	1/2	1,682.62	1/2	1,373.50	1/2	1,064.38	1/2	760.01	1/2	457.10	1/2	148.01	1/2		1/2		1/2	
3/4	1,985.30	3/4	1,676.18	3/4	1,367.06	3/4	1,057.94	3/4	753.80	3/4	450.66	3/4	141.57	3/4		3/4		3/4	
10	1,978.86	10	1,669.74	10	1,360.62	10	1,051.50	10	747.59	10	444.22	10	135.14	10	10	10		10	
1/4	1,972.42	1/4	1,663.30	1/4	1,354.18	1/4	1,045.06	1/4	741.38	1/4	437.78	1/4	128.71	1/4		1/4		1/4	
1/2	1,965.98	1/2	1,656.86	1/2	1,347.74	1/2	1,038.62	1/2	735.17	1/2	431.34	1/2	122.29	1/2		1/2		1/2	
3/4	1,959.54	3/4	1,650.42	3/4	1,341.30	3/4	1,032.18	3/4	728.96	3/4	424.90	3/4	115.87	3/4		3/4		3/4	
11	1,953.10	11	1,643.98	11	1,334.86	11	1,025.74	11	722.75	11	418.46	11	109.45	11	11	11		11	
1/4	1,946.66	1/4	1,637.54	1/4	1,328.42	1/4	1,019.30	1/4	716.54	1/4	412.02	1/4	103.03	1/4		1/4		1/4	
1/2	1,940.22	1/2	1,631.10	1/2	1,321.98	1/2	1,012.86	1/2	710.33	1/2	405.58	1/2	96.62	1/2		1/2		1/2	
3/4	1,933.78	3/4	1,624.66	3/4	1,315.54	3/4	1,006.42	3/4	704.12	3/4	399.14	3/4	90.22	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/10/2013 CL - SW
CALCULATED: 01/10/2013 CL
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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



BARGE "WEB 329"

3 ST ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,402.72	0	4,095.99	0	3,789.29	0	3,481.76	0	3,173.14	0	2,864.53	0	2,555.91
1/4		1/4		1/4		1/4	4,396.33	1/4	4,089.60	1/4	3,782.90	1/4	3,475.33	1/4	3,166.71	1/4	2,858.10	1/4	2,549.48
1/2		1/2		1/2		1/2	4,389.93	1/2	4,083.21	1/2	3,776.51	1/2	3,468.90	1/2	3,160.28	1/2	2,851.67	1/2	2,543.05
3/4		3/4		3/4		3/4	4,383.53	3/4	4,076.82	3/4	3,770.12	3/4	3,462.47	3/4	3,153.85	3/4	2,845.24	3/4	2,536.62
1		1		1		1	4,377.14	1	4,070.43	1	3,763.73	1	3,456.04	1	3,147.42	1	2,838.81	1	2,530.19
1/4		1/4		1/4		1/4	4,370.74	1/4	4,064.04	1/4	3,757.34	1/4	3,449.61	1/4	3,141.00	1/4	2,832.38	1/4	2,523.76
1/2		1/2		1/2		1/2	4,364.35	1/2	4,057.65	1/2	3,750.95	1/2	3,443.18	1/2	3,134.57	1/2	2,825.95	1/2	2,517.33
3/4		3/4		3/4		3/4	4,357.96	3/4	4,051.26	3/4	3,744.56	3/4	3,436.75	3/4	3,128.14	3/4	2,819.52	3/4	2,510.90
2		2		2		2	4,351.57	2	4,044.87	2	3,738.17	2	3,430.32	2	3,121.71	2	2,813.09	2	2,504.47
1/4		1/4		1/4		1/4	4,345.18	1/4	4,038.48	1/4	3,731.78	1/4	3,423.89	1/4	3,115.28	1/4	2,806.66	1/4	2,498.05
1/2		1/2		1/2		1/2	4,338.79	1/2	4,032.09	1/2	3,725.39	1/2	3,417.46	1/2	3,108.85	1/2	2,800.23	1/2	2,491.62
3/4		3/4		3/4		3/4	4,332.40	3/4	4,025.70	3/4	3,719.00	3/4	3,411.03	3/4	3,102.42	3/4	2,793.80	3/4	2,485.19
3		3		3		3	4,326.02	3	4,019.31	3	3,712.61	3	3,404.60	3	3,095.99	3	2,787.37	3	2,478.76
1/4		1/4		1/4		1/4	4,319.63	1/4	4,012.92	1/4	3,706.22	1/4	3,398.18	1/4	3,089.56	1/4	2,780.94	1/4	2,472.33
1/2		1/2		1/2		1/2	4,313.24	1/2	4,006.54	1/2	3,699.83	1/2	3,391.75	1/2	3,083.13	1/2	2,774.61	1/2	2,466.90
3/4		3/4		3/4		3/4	4,306.85	3/4	4,000.15	3/4	3,693.44	3/4	3,385.32	3/4	3,076.70	3/4	2,768.08	3/4	2,460.47
4		4		4		4	4,300.46	4	3,993.76	4	3,687.06	4	3,378.89	4	3,070.27	4	2,761.65	4	2,454.04
1/4		1/4		1/4		1/4	4,294.07	1/4	3,987.37	1/4	3,680.67	1/4	3,372.46	1/4	3,063.84	1/4	2,755.23	1/4	2,447.61
1/2		1/2		1/2		1/2	4,287.68	1/2	3,980.98	1/2	3,674.28	1/2	3,366.03	1/2	3,057.41	1/2	2,748.80	1/2	2,441.17
3/4		3/4		3/4		3/4	4,281.29	3/4	3,974.59	3/4	3,667.89	3/4	3,359.60	3/4	3,050.98	3/4	2,742.37	3/4	2,434.74
5		5		5		5	4,274.90	5	3,968.20	5	3,661.50	5	3,353.17	5	3,044.55	5	2,735.94	5	2,428.30
1/4		1/4		1/4		1/4	4,268.51	1/4	3,961.81	1/4	3,655.11	1/4	3,346.74	1/4	3,038.12	1/4	2,729.51	1/4	2,421.86
1/2		1/2		1/2		1/2	4,262.12	1/2	3,955.42	1/2	3,648.72	1/2	3,340.31	1/2	3,031.69	1/2	2,723.08	1/2	2,415.42
3/4		3/4		3/4		3/4	4,255.73	3/4	3,949.03	3/4	3,642.33	3/4	3,333.88	3/4	3,025.26	3/4	2,716.65	3/4	2,408.98
6		6		6		6	4,249.34	6	3,942.64	6	3,635.94	6	3,327.45	6	3,018.83	6	2,710.22	6	2,402.54
1/4		1/4		1/4		1/4	4,242.95	1/4	3,936.25	1/4	3,629.55	1/4	3,321.02	1/4	3,012.41	1/4	2,703.79	1/4	2,396.10
1/2		1/2		1/2		1/2	4,236.56	1/2	3,929.86	1/2	3,623.14	1/2	3,314.59	1/2	3,005.98	1/2	2,697.36	1/2	2,389.66
3/4		3/4		3/4		3/4	4,230.17	3/4	3,923.47	3/4	3,616.73	3/4	3,308.16	3/4	2,999.55	3/4	2,690.93	3/4	2,383.22
7		7		7	4,518.48	7	4,223.78	7	3,917.08	7	3,610.33	7	3,301.73	7	2,993.12	7	2,684.50	7	2,376.78
1/4		1/4		1/4		1/4	4,512.30	1/4	4,217.39	1/4	3,910.69	1/4	3,295.30	1/4	2,986.69	1/4	2,678.07	1/4	2,369.34
1/2		1/2		1/2		1/2	4,507.92	1/2	4,211.00	1/2	3,904.30	1/2	3,288.87	1/2	2,980.26	1/2	2,671.64	1/2	2,362.90
3/4		3/4		3/4		3/4	4,503.55	3/4	4,204.61	3/4	3,897.91	3/4	3,282.44	3/4	2,973.83	3/4	2,665.21	3/4	2,356.46
8		8		8		8	4,499.17	8	4,198.22	8	3,891.52	8	3,276.01	8	2,967.40	8	2,658.78	8	2,350.02
1/4		1/4		1/4		1/4	4,494.79	1/4	4,191.83	1/4	3,885.13	1/4	3,270.20	1/4	2,960.97	1/4	2,652.35	1/4	2,343.58
1/2		1/2		1/2		1/2	4,489.22	1/2	4,185.44	1/2	3,878.74	1/2	3,263.16	1/2	2,954.54	1/2	2,645.92	1/2	2,337.14
3/4		3/4		3/4		3/4	4,483.64	3/4	4,179.05	3/4	3,872.35	3/4	3,256.34	3/4	2,948.11	3/4	2,639.49	3/4	2,330.70
9		9		9		9	4,478.07	9	4,172.66	9	3,865.96	9	3,250.30	9	2,941.68	9	2,633.06	9	2,324.26
1/4		1/4		1/4		1/4	4,472.49	1/4	4,166.28	1/4	3,859.57	1/4	3,243.87	1/4	2,935.25	1/4	2,626.64	1/4	2,317.82
1/2		1/2		1/2		1/2	4,466.24	1/2	4,159.89	1/2	3,853.18	1/2	3,237.44	1/2	2,928.82	1/2	2,620.21	1/2	2,311.38
3/4		3/4		3/4		3/4	4,459.98	3/4	4,153.50	3/4	3,846.80	3/4	3,231.01	3/4	2,922.39	3/4	2,613.78	3/4	2,304.94
10		10		10		10	4,453.73	10	4,147.11	10	3,840.41	10	3,224.58	10	2,915.96	10	2,607.35	10	2,298.50
1/4		1/4		1/4		1/4	4,447.47	1/4	4,140.72	1/4	3,834.02	1/4	3,218.15	1/4	2,909.53	1/4	2,600.92	1/4	2,292.06
1/2		1/2		1/2		1/2	4,441.08	1/2	4,134.33	1/2	3,827.63	1/2	3,211.72	1/2	2,903.10	1/2	2,594.49	1/2	2,285.62
3/4		3/4		3/4		3/4	4,434.69	3/4	4,127.94	3/4	3,821.24	3/4	3,205.29	3/4	2,896.67	3/4	2,588.06	3/4	2,279.18
11		11		11		11	4,428.30	11	4,121.55	11	3,814.85	11	3,207.48	11	2,890.24	11	2,581.63	11	2,272.74
1/4		1/4		1/4		1/4	4,421.92	1/4	4,115.16	1/4	3,808.46	1/4	3,201.05	1/4	2,883.82	1/4	2,575.20	1/4	2,266.30
1/2		1/2		1/2		1/2	4,415.52	1/2	4,108.77	1/2	3,802.07	1/2	3,194.62	1/2	2,877.39	1/2	2,568.77	1/2	2,259.86
3/4		3/4		3/4		3/4	4,409.12	3/4	4,102.38	3/4	3,795.68	3/4	3,188.19	3/4	2,870.96	3/4	2,562.34	3/4	2,253.42

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 34'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 329"

3 ST
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,246.98	0	1,937.86	0	1,628.74	0	1,319.62	0	1,010.50	0	701.59	0	392.70	0	83.81	0		0	
1/4	2,240.54	1/4	1,931.42	1/4	1,622.30	1/4	1,313.18	1/4	1,004.06	1/4	695.16	1/4	386.26	1/4	77.41	1/4		1/4	
1/2	2,234.10	1/2	1,924.98	1/2	1,615.86	1/2	1,306.74	1/2	997.62	1/2	688.73	1/2	379.82	1/2	71.03	1/2		1/2	
3/4	2,227.66	3/4	1,918.54	3/4	1,609.42	3/4	1,300.30	3/4	991.18	3/4	682.31	3/4	373.38	3/4	64.66	3/4		3/4	
1	2,221.22	1	1,912.10	1	1,602.98	1	1,293.86	1	984.74	1	675.88	1	366.94	1	58.28	1		1	
1/4	2,214.78	1/4	1,905.66	1/4	1,596.54	1/4	1,287.42	1/4	978.30	1/4	669.45	1/4	360.50	1/4	51.90	1/4		1/4	
1/2	2,208.34	1/2	1,899.22	1/2	1,590.10	1/2	1,280.98	1/2	971.86	1/2	663.03	1/2	354.06	1/2	46.04	1/2		1/2	
3/4	2,201.90	3/4	1,892.78	3/4	1,583.66	3/4	1,274.54	3/4	965.42	3/4	656.60	3/4	347.62	3/4	40.18	3/4		3/4	
2	2,195.46	2	1,886.34	2	1,577.22	2	1,268.10	2	958.98	2	650.17	2	341.18	2	34.32	2		2	
1/4	2,189.02	1/4	1,879.90	1/4	1,570.78	1/4	1,261.66	1/4	952.54	1/4	643.75	1/4	334.74	1/4	28.46	1/4		1/4	
1/2	2,182.58	1/2	1,873.46	1/2	1,564.34	1/2	1,255.22	1/2	946.10	1/2	637.32	1/2	328.30	1/2	24.17	1/2		1/2	
3/4	2,176.14	3/4	1,867.02	3/4	1,557.90	3/4	1,248.78	3/4	939.66	3/4	630.89	3/4	321.86	3/4	19.88	3/4		3/4	
3	2,169.70	3	1,860.58	3	1,551.46	3	1,242.34	3	933.22	3	624.47	3	315.42	3	15.59	3		3	
1/4	2,163.26	1/4	1,854.14	1/4	1,545.02	1/4	1,235.90	1/4	926.78	1/4	618.04	1/4	308.98	1/4	11.30	1/4		1/4	
1/2	2,156.82	1/2	1,847.70	1/2	1,538.58	1/2	1,229.46	1/2	920.34	1/2	611.61	1/2	302.54	1/2		1/2		1/2	
3/4	2,150.38	3/4	1,841.26	3/4	1,532.14	3/4	1,223.02	3/4	913.90	3/4	605.18	3/4	296.10	3/4		3/4		3/4	
4	2,143.94	4	1,834.82	4	1,525.70	4	1,216.58	4	907.46	4	598.75	4	289.66	4		4		4	
1/4	2,137.50	1/4	1,828.38	1/4	1,519.26	1/4	1,210.14	1/4	901.02	1/4	592.32	1/4	283.22	1/4		1/4		1/4	
1/2	2,131.06	1/2	1,821.94	1/2	1,512.82	1/2	1,203.70	1/2	894.58	1/2	585.88	1/2	276.78	1/2		1/2		1/2	
3/4	2,124.62	3/4	1,815.50	3/4	1,506.38	3/4	1,197.26	3/4	888.14	3/4	579.45	3/4	270.34	3/4		3/4		3/4	
5	2,118.18	5	1,809.06	5	1,499.94	5	1,190.82	5	881.70	5	573.01	5	263.90	5		5		5	
1/4	2,111.74	1/4	1,802.62	1/4	1,493.50	1/4	1,184.38	1/4	875.26	1/4	566.57	1/4	257.46	1/4		1/4		1/4	
1/2	2,105.30	1/2	1,796.18	1/2	1,487.06	1/2	1,177.94	1/2	868.82	1/2	560.13	1/2	251.02	1/2		1/2		1/2	
3/4	2,098.86	3/4	1,789.74	3/4	1,480.62	3/4	1,171.50	3/4	862.38	3/4	553.70	3/4	244.58	3/4		3/4		3/4	
6	2,092.42	6	1,783.30	6	1,474.18	6	1,165.06	6	855.94	6	547.26	6	238.14	6		6		6	
1/4	2,085.98	1/4	1,776.86	1/4	1,467.74	1/4	1,158.62	1/4	849.50	1/4	540.82	1/4	231.71	1/4		1/4		1/4	
1/2	2,079.54	1/2	1,770.42	1/2	1,461.30	1/2	1,152.18	1/2	843.06	1/2	534.38	1/2	225.27	1/2		1/2		1/2	
3/4	2,073.10	3/4	1,763.98	3/4	1,454.86	3/4	1,145.74	3/4	836.62	3/4	527.94	3/4	218.83	3/4		3/4		3/4	
7	2,066.66	7	1,757.54	7	1,448.42	7	1,139.30	7	830.18	7	521.50	7	212.39	7		7		7	
1/4	2,060.22	1/4	1,751.10	1/4	1,441.98	1/4	1,132.86	1/4	823.74	1/4	515.06	1/4	205.95	1/4		1/4		1/4	
1/2	2,053.78	1/2	1,744.66	1/2	1,435.54	1/2	1,126.42	1/2	817.31	1/2	508.62	1/2	199.51	1/2		1/2		1/2	
3/4	2,047.34	3/4	1,738.22	3/4	1,429.10	3/4	1,119.98	3/4	810.87	3/4	502.18	3/4	193.07	3/4		3/4		3/4	
8	2,040.90	8	1,731.78	8	1,422.66	8	1,113.54	8	804.43	8	495.74	8	186.63	8		8		8	
1/4	2,034.46	1/4	1,725.34	1/4	1,416.22	1/4	1,107.10	1/4	798.00	1/4	489.30	1/4	180.19	1/4		1/4		1/4	
1/2	2,028.02	1/2	1,718.90	1/2	1,409.78	1/2	1,100.66	1/2	791.57	1/2	482.86	1/2	173.75	1/2		1/2		1/2	
3/4	2,021.58	3/4	1,712.46	3/4	1,403.34	3/4	1,094.22	3/4	785.14	3/4	476.42	3/4	167.31	3/4		3/4		3/4	
9	2,015.14	9	1,706.02	9	1,396.90	9	1,087.78	9	778.71	9	469.98	9	160.88	9		9		9	
1/4	2,008.70	1/4	1,699.58	1/4	1,390.46	1/4	1,081.34	1/4	772.28	1/4	463.54	1/4	154.44	1/4		1/4		1/4	
1/2	2,002.26	1/2	1,693.14	1/2	1,384.02	1/2	1,074.90	1/2	765.85	1/2	457.10	1/2	148.01	1/2		1/2		1/2	
3/4	1,995.82	3/4	1,686.70	3/4	1,377.58	3/4	1,068.46	3/4	759.43	3/4	450.66	3/4	141.57	3/4		3/4		3/4	
10	1,989.38	10	1,680.26	10	1,371.14	10	1,062.02	10	753.00	10	444.22	10	135.14	10		10		10	
1/4	1,982.94	1/4	1,673.82	1/4	1,364.70	1/4	1,055.58	1/4	746.57	1/4	437.78	1/4	128.71	1/4		1/4		1/4	
1/2	1,976.50	1/2	1,667.38	1/2	1,358.26	1/2	1,049.14	1/2	740.15	1/2	431.34	1/2	122.29	1/2		1/2		1/2	
3/4	1,970.06	3/4	1,660.94	3/4	1,351.82	3/4	1,042.70	3/4	733.72	3/4	424.90	3/4	115.87	3/4		3/4		3/4	
11	1,963.62	11	1,654.50	11	1,345.38	11	1,036.26	11	727.29	11	418.46	11	109.45	11		11		11	
1/4	1,957.18	1/4	1,648.06	1/4	1,338.94	1/4	1,029.82	1/4	720.87	1/4	412.02	1/4	103.03	1/4		1/4		1/4	
1/2	1,950.74	1/2	1,641.62	1/2	1,332.50	1/2	1,023.38	1/2	714.44	1/2	405.58	1/2	96.62	1/2		1/2		1/2	
3/4	1,944.30	3/4	1,635.18	3/4	1,326.06	3/4	1,016.94	3/4	708.01	3/4	399.14	3/4	90.22	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/10/2013 CL - SW
CALCULATED: 01/10/2013 CL
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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



BARGE "WEB 329"

4 CENT R ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	6,368.82	0	6,022.16	0	5,685.49	0	5,348.80	0	4,978.41	0	4,500.69	0	4,022.88
1/4		1/4		1/4		1/4	6,351.82	1/4	6,015.15	1/4	5,678.47	1/4	5,341.79	1/4	4,968.50	1/4	4,490.74	1/4	4,012.93
1/2		1/2		1/2		1/2	6,344.82	1/2	6,008.13	1/2	5,671.46	1/2	5,334.77	1/2	4,958.60	1/2	4,480.78	1/2	4,002.98
3/4		3/4		3/4		3/4	6,337.80	3/4	6,001.12	3/4	5,664.44	3/4	5,327.76	3/4	4,948.65	3/4	4,470.83	3/4	3,993.03
1		1		1		1	6,330.78	1	5,994.11	1	5,657.43	1	5,320.74	1	4,938.70	1	4,460.87	1	3,983.07
1/4		1/4		1/4		1/4	6,323.77	1/4	5,987.09	1/4	5,650.42	1/4	5,313.73	1/4	4,928.75	1/4	4,450.92	1/4	3,973.12
1/2		1/2		1/2		1/2	6,316.75	1/2	5,980.08	1/2	5,643.40	1/2	5,306.72	1/2	4,918.80	1/2	4,440.96	1/2	3,963.17
3/4		3/4		3/4		3/4	6,309.74	3/4	5,973.06	3/4	5,636.39	3/4	5,299.70	3/4	4,908.85	3/4	4,431.01	3/4	3,953.22
2		2		2		2	6,302.73	2	5,966.05	2	5,629.37	2	5,292.69	2	4,898.89	2	4,421.05	2	3,943.27
1/4		1/4		1/4		1/4	6,295.71	1/4	5,959.04	1/4	5,622.36	1/4	5,285.67	1/4	4,888.94	1/4	4,411.10	1/4	3,933.32
1/2		1/2		1/2		1/2	6,288.70	1/2	5,952.02	1/2	5,615.35	1/2	5,278.66	1/2	4,878.99	1/2	4,401.14	1/2	3,923.37
3/4		3/4		3/4		3/4	6,281.68	3/4	5,945.01	3/4	5,608.33	3/4	5,271.64	3/4	4,869.03	3/4	4,391.19	3/4	3,913.41
3		3		3		3	6,274.67	3	5,937.99	3	5,601.32	3	5,264.63	3	4,859.08	3	4,381.23	3	3,903.46
1/4		1/4		1/4		1/4	6,267.66	1/4	5,930.98	1/4	5,594.30	1/4	5,257.61	1/4	4,849.13	1/4	4,371.28	1/4	3,893.51
1/2		1/2		1/2		1/2	6,260.64	1/2	5,923.97	1/2	5,587.29	1/2	5,250.60	1/2	4,839.17	1/2	4,361.32	1/2	3,883.56
3/4		3/4		3/4		3/4	6,253.63	3/4	5,916.95	3/4	5,580.27	3/4	5,243.58	3/4	4,829.22	3/4	4,351.37	3/4	3,873.61
4		4		4		4	6,246.61	4	5,909.94	4	5,573.26	4	5,236.57	4	4,819.26	4	4,341.41	4	3,863.66
1/4		1/4		1/4		1/4	6,239.60	1/4	5,902.92	1/4	5,566.25	1/4	5,229.56	1/4	4,809.31	1/4	4,331.46	1/4	3,853.71
1/2		1/2		1/2		1/2	6,232.59	1/2	5,895.91	1/2	5,559.23	1/2	5,222.54	1/2	4,799.35	1/2	4,321.50	1/2	3,843.75
3/4		3/4		3/4		3/4	6,225.57	3/4	5,888.89	3/4	5,552.22	3/4	5,215.53	3/4	4,789.39	3/4	4,311.55	3/4	3,833.80
5		5		5		5	6,218.56	5	5,881.88	5	5,545.20	5	5,208.51	5	4,779.44	5	4,301.59	5	3,823.85
1/4		1/4		1/4		1/4	6,211.54	1/4	5,874.87	1/4	5,538.19	1/4	5,201.50	1/4	4,769.48	1/4	4,291.63	1/4	3,813.90
1/2		1/2		1/2		1/2	6,204.53	1/2	5,867.85	1/2	5,531.18	1/2	5,194.48	1/2	4,759.53	1/2	4,281.68	1/2	3,803.95
3/4		3/4		3/4		3/4	6,197.52	3/4	5,860.84	3/4	5,524.16	3/4	5,187.47	3/4	4,749.57	3/4	4,271.72	3/4	3,793.99
6		6		6	6,466.32	6	6,190.50	6	5,853.82	6	5,517.15	6	5,180.45	6	4,739.62	6	4,261.77	6	3,784.04
1/4		1/4		1/4	6,465.62	1/4	6,183.49	1/4	5,846.81	1/4	5,510.13	1/4	5,173.44	1/4	4,729.66	1/4	4,251.81	1/4	3,774.08
1/2		1/2		1/2	6,464.92	1/2	6,176.47	1/2	5,839.80	1/2	5,503.12	1/2	5,166.43	1/2	4,719.71	1/2	4,241.86	1/2	3,764.13
3/4		3/4		3/4	6,464.22	3/4	6,169.46	3/4	5,832.78	3/4	5,496.11	3/4	5,159.17	3/4	4,709.75	3/4	4,231.90	3/4	3,754.17
7		7		7	6,461.06	7	6,162.44	7	5,825.77	7	5,489.09	7	5,151.91	7	4,699.80	7	4,221.95	7	3,744.21
1/4		1/4		1/4	6,459.14	1/4	6,155.43	1/4	5,818.75	1/4	5,482.08	1/4	5,144.65	1/4	4,689.84	1/4	4,211.99	1/4	3,734.25
1/2		1/2		1/2	6,457.21	1/2	6,148.42	1/2	5,811.74	1/2	5,475.06	1/2	5,137.39	1/2	4,679.89	1/2	4,202.04	1/2	3,724.30
3/4		3/4		3/4	6,455.28	3/4	6,141.40	3/4	5,804.73	3/4	5,468.05	3/4	5,129.58	3/4	4,669.93	3/4	4,192.08	3/4	3,714.34
8		8		8	6,450.55	8	6,134.39	8	5,797.71	8	5,461.03	8	5,121.77	8	4,659.98	8	4,182.13	8	3,704.38
1/4		1/4		1/4	6,447.22	1/4	6,127.37	1/4	5,790.70	1/4	5,454.02	1/4	5,113.96	1/4	4,650.02	1/4	4,172.17	1/4	3,694.43
1/2		1/2		1/2	6,443.89	1/2	6,120.36	1/2	5,783.68	1/2	5,447.01	1/2	5,106.15	1/2	4,640.07	1/2	4,162.22	1/2	3,684.47
3/4		3/4		3/4	6,439.15	3/4	6,113.35	3/4	5,776.67	3/4	5,439.99	3/4	5,097.74	3/4	4,630.11	3/4	4,152.26	3/4	3,674.51
9		9		9	6,434.42	9	6,106.33	9	5,769.66	9	5,432.98	9	5,089.34	9	4,620.16	9	4,142.31	9	3,664.56
1/4		1/4		1/4	6,429.68	1/4	6,099.32	1/4	5,762.64	1/4	5,425.96	1/4	5,080.94	1/4	4,610.20	1/4	4,132.35	1/4	3,654.60
1/2		1/2		1/2	6,424.95	1/2	6,092.30	1/2	5,755.63	1/2	5,418.95	1/2	5,072.54	1/2	4,600.25	1/2	4,122.40	1/2	3,644.64
3/4		3/4		3/4	6,418.81	3/4	6,085.29	3/4	5,748.61	3/4	5,411.93	3/4	5,063.54	3/4	4,590.29	3/4	4,112.44	3/4	3,634.68
10		10		10	6,412.68	10	6,078.28	10	5,741.60	10	5,404.92	10	5,054.55	10	4,580.34	10	4,102.49	10	3,624.73
1/4		1/4		1/4	6,406.54	1/4	6,071.26	1/4	5,734.58	1/4	5,397.90	1/4	5,045.55	1/4	4,570.38	1/4	4,092.54	1/4	3,614.77
1/2		1/2		1/2	6,400.41	1/2	6,064.25	1/2	5,727.57	1/2	5,390.89	1/2	5,036.56	1/2	4,560.43	1/2	4,082.59	1/2	3,604.81
3/4		3/4		3/4	6,393.51	3/4	6,057.23	3/4	5,720.56	3/4	5,383.87	3/4	5,026.97	3/4	4,550.47	3/4	4,072.64	3/4	3,594.86
11		11		11	6,386.61	11	6,050.22	11	5,713.54	11	5,376.86	11	5,017.39	11	4,540.51	11	4,062.69	11	3,584.90
1/4		1/4		1/4	6,379.72	1/4	6,043.21	1/4	5,706.53	1/4	5,369.85	1/4	5,007.80	1/4	4,530.56	1/4	4,052.73	1/4	3,574.94
1/2		1/2		1/2	6,372.82	1/2	6,036.19	1/2	5,699.51	1/2	5,362.83	1/2	4,998.22	1/2	4,520.60	1/2	4,042.78	1/2	3,564.99
3/4		3/4		3/4	6,365.82	3/4	6,029.18	3/4	5,692.50	3/4	5,355.82	3/4	4,988.31	3/4	4,510.65	3/4	4,032.83	3/4	3,555.03

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'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 329"

4 CENTR ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,545.07	0	3,067.15	0	2,589.89	0	2,112.86	0	1,635.09	0	1,158.97	0	682.46	0	203.95	0		0	
1/4	3,535.12	1/4	3,057.19	1/4	2,579.96	1/4	2,102.91	1/4	1,625.14	1/4	1,149.09	1/4	672.49	1/4	194.00	1/4		1/4	
1/2	3,525.16	1/2	3,047.23	1/2	2,570.04	1/2	2,092.95	1/2	1,615.19	1/2	1,139.21	1/2	662.52	1/2	184.04	1/2		1/2	
3/4	3,515.20	3/4	3,037.28	3/4	2,560.11	3/4	2,083.00	3/4	1,605.23	3/4	1,129.33	3/4	652.55	3/4	174.11	3/4		3/4	
1	3,505.25	1	3,027.32	1	2,550.19	1	2,073.05	1	1,595.28	1	1,119.45	1	642.58	1	164.17	1		1	
1/4	3,495.29	1/4	3,017.36	1/4	2,540.26	1/4	2,063.09	1/4	1,585.32	1/4	1,109.57	1/4	632.61	1/4	154.24	1/4		1/4	
1/2	3,485.33	1/2	3,007.41	1/2	2,530.34	1/2	2,053.14	1/2	1,575.37	1/2	1,099.69	1/2	622.64	1/2	144.31	1/2		1/2	
3/4	3,475.38	3/4	2,997.45	3/4	2,520.41	3/4	2,043.19	3/4	1,565.42	3/4	1,089.81	3/4	612.67	3/4	134.40	3/4		3/4	
2	3,465.42	2	2,987.49	2	2,510.49	2	2,033.23	2	1,555.46	2	1,079.93	2	602.70	2	124.50	2		2	
1/4	3,455.46	1/4	2,977.54	1/4	2,500.56	1/4	2,023.28	1/4	1,545.51	1/4	1,070.05	1/4	592.73	1/4	114.59	1/4		1/4	
1/2	3,445.51	1/2	2,967.58	1/2	2,490.64	1/2	2,013.33	1/2	1,535.56	1/2	1,060.17	1/2	582.76	1/2	104.69	1/2		1/2	
3/4	3,435.55	3/4	2,957.62	3/4	2,480.71	3/4	2,003.37	3/4	1,525.60	3/4	1,050.29	3/4	572.79	3/4	94.84	3/4		3/4	
3	3,425.59	3	2,947.67	3	2,470.78	3	1,993.42	3	1,515.65	3	1,040.41	3	562.81	3	84.99	3		3	
1/4	3,415.64	1/4	2,937.71	1/4	2,460.86	1/4	1,983.46	1/4	1,505.70	1/4	1,030.53	1/4	552.84	1/4	75.14	1/4		1/4	
1/2	3,405.68	1/2	2,927.75	1/2	2,450.93	1/2	1,973.51	1/2	1,495.74	1/2	1,020.65	1/2	542.87	1/2	65.28	1/2		1/2	
3/4	3,395.72	3/4	2,917.80	3/4	2,441.01	3/4	1,963.56	3/4	1,485.79	3/4	1,010.77	3/4	532.90	3/4	55.79	3/4		3/4	
4	3,385.76	4	2,907.84	4	2,431.08	4	1,953.60	4	1,475.84	4	1,000.89	4	522.93	4	48.29	4		4	
1/4	3,375.81	1/4	2,897.88	1/4	2,421.16	1/4	1,943.65	1/4	1,465.88	1/4	991.01	1/4	512.96	1/4	39.80	1/4		1/4	
1/2	3,365.85	1/2	2,887.92	1/2	2,411.23	1/2	1,933.70	1/2	1,455.93	1/2	981.14	1/2	502.99	1/2	31.30	1/2		1/2	
3/4	3,355.89	3/4	2,877.97	3/4	2,401.31	3/4	1,923.74	3/4	1,445.98	3/4	971.21	3/4	493.02	3/4	25.90	3/4		3/4	
5	3,345.94	5	2,868.01	5	2,391.38	5	1,913.79	5	1,436.02	5	961.28	5	483.05	5	20.50	5		5	
1/4	3,335.98	1/4	2,858.05	1/4	2,381.45	1/4	1,903.84	1/4	1,426.07	1/4	951.36	1/4	473.09	1/4	15.10	1/4		1/4	
1/2	3,326.02	1/2	2,848.10	1/2	2,371.53	1/2	1,893.88	1/2	1,416.12	1/2	941.43	1/2	463.12	1/2	9.70	1/2		1/2	
3/4	3,316.07	3/4	2,838.14	3/4	2,361.60	3/4	1,883.93	3/4	1,406.17	3/4	931.49	3/4	453.15	3/4	7.62	3/4		3/4	
6	3,306.11	6	2,828.18	6	2,351.68	6	1,873.98	6	1,396.23	6	921.55	6	443.18	6	5.54	6		6	
1/4	3,296.15	1/4	2,818.23	1/4	2,341.75	1/4	1,864.02	1/4	1,386.29	1/4	911.60	1/4	433.21	1/4	3.47	1/4		1/4	
1/2	3,286.20	1/2	2,808.27	1/2	2,331.83	1/2	1,854.07	1/2	1,376.34	1/2	901.66	1/2	423.24	1/2	1.39	1/2		1/2	
3/4	3,276.24	3/4	2,798.34	3/4	2,321.88	3/4	1,844.12	3/4	1,366.46	3/4	891.70	3/4	413.27	3/4		3/4		3/4	
7	3,266.28	7	2,788.41	7	2,311.93	7	1,834.16	7	1,356.57	7	881.74	7	403.30	7		7		7	
1/4	3,256.33	1/4	2,778.48	1/4	2,301.97	1/4	1,824.21	1/4	1,346.68	1/4	871.79	1/4	393.33	1/4		1/4		1/4	
1/2	3,246.37	1/2	2,768.55	1/2	2,292.02	1/2	1,814.26	1/2	1,336.80	1/2	861.83	1/2	383.36	1/2		1/2		1/2	
3/4	3,236.41	3/4	2,758.62	3/4	2,282.07	3/4	1,804.30	3/4	1,326.92	3/4	851.87	3/4	373.39	3/4		3/4		3/4	
8	3,226.46	8	2,748.70	8	2,272.12	8	1,794.35	8	1,317.04	8	841.91	8	363.42	8		8		8	
1/4	3,216.50	1/4	2,738.77	1/4	2,262.16	1/4	1,784.39	1/4	1,307.16	1/4	831.95	1/4	353.45	1/4		1/4		1/4	
1/2	3,206.54	1/2	2,728.85	1/2	2,252.21	1/2	1,774.44	1/2	1,297.28	1/2	821.99	1/2	343.48	1/2		1/2		1/2	
3/4	3,196.59	3/4	2,718.92	3/4	2,242.26	3/4	1,764.49	3/4	1,287.40	3/4	812.03	3/4	333.51	3/4		3/4		3/4	
9	3,186.63	9	2,709.00	9	2,232.30	9	1,754.53	9	1,277.52	9	802.08	9	323.54	9		9		9	
1/4	3,176.67	1/4	2,699.07	1/4	2,222.35	1/4	1,744.58	1/4	1,267.64	1/4	792.12	1/4	313.57	1/4		1/4		1/4	
1/2	3,166.72	1/2	2,689.15	1/2	2,212.40	1/2	1,734.63	1/2	1,257.76	1/2	782.16	1/2	303.60	1/2		1/2		1/2	
3/4	3,156.76	3/4	2,679.22	3/4	2,202.44	3/4	1,724.67	3/4	1,247.88	3/4	772.19	3/4	293.63	3/4		3/4		3/4	
10	3,146.80	10	2,669.29	10	2,192.49	10	1,714.72	10	1,238.00	10	762.22	10	283.66	10		10		10	
1/4	3,136.84	1/4	2,659.37	1/4	2,182.53	1/4	1,704.77	1/4	1,228.12	1/4	752.25	1/4	273.69	1/4		1/4		1/4	
1/2	3,126.89	1/2	2,649.44	1/2	2,172.58	1/2	1,694.81	1/2	1,218.24	1/2	742.28	1/2	263.72	1/2		1/2		1/2	
3/4	3,116.93	3/4	2,639.52	3/4	2,162.63	3/4	1,684.86	3/4	1,208.36	3/4	732.31	3/4	253.75	3/4		3/4		3/4	
11	3,106.97	11	2,629.59	11	2,152.67	11	1,674.91	11	1,198.48	11	722.34	11	243.79	11		11		11	
1/4	3,097.02	1/4	2,619.67	1/4	2,142.72	1/4	1,664.95	1/4	1,188.60	1/4	712.37	1/4	233.82	1/4		1/4		1/4	
1/2	3,087.06	1/2	2,609.74	1/2	2,132.77	1/2	1,655.00	1/2	1,178.73	1/2	702.40	1/2	223.86	1/2		1/2		1/2	
3/4	3,077.10	3/4	2,599.82	3/4	2,122.81	3/4	1,645.05	3/4	1,168.85	3/4	692.43	3/4	213.90	3/4		3/4		3/4	

STRAPPED: 01/10/2013 CL - SW
CALCULATED: 01/10/2013 CL
PRINTED: 01/10/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2013

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