



BARGE "WEB 269"

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 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
1 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
2 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	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 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	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 PORT	00-3/4	- 00-3/4	01-1/2	- 01-1/2	02-3/8	- 02-3/8	03-1/8	- 03-1/8	03-7/8	- 03-7/8	04-5/8	- 04-5/8
3 STBD	00-3/4	- 00-3/4	01-1/2	- 01-1/2	02-3/8	- 02-3/8	03-1/8	- 03-1/8	03-7/8	- 03-7/8	04-5/8	- 04-5/8

(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 1 PORT IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 241'-09"

April 17, 2012

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

<http://www.pmacorp.net>



BARGE 'WEB 269''

1 POINT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	5,033.22	0	4,677.45	0	4,320.85	0	3,964.25	0	3,606.96	0	3,249.56	0	2,892.17	0	2,534.78	0	2,177.38
1/4		1/4	5,025.89	1/4	4,670.02	1/4	4,313.42	1/4	3,956.82	1/4	3,599.51	1/4	3,242.12	1/4	2,884.72	1/4	2,527.33	1/4	2,169.94
1/2		1/2	5,018.54	1/2	4,662.59	1/2	4,305.99	1/2	3,949.39	1/2	3,592.06	1/2	3,234.67	1/2	2,877.28	1/2	2,519.88	1/2	2,162.49
3/4		3/4	5,011.20	3/4	4,655.16	3/4	4,298.56	3/4	3,941.97	3/4	3,584.62	3/4	3,227.23	3/4	2,869.83	3/4	2,512.44	3/4	2,155.04
1		1	5,003.85	1	4,647.73	1	4,291.13	1	3,934.54	1	3,577.17	1	3,219.78	1	2,862.39	1	2,504.99	1	2,147.60
1/4		1/4	4,996.51	1/4	4,640.30	1/4	4,283.70	1/4	3,927.11	1/4	3,569.73	1/4	3,212.33	1/4	2,854.94	1/4	2,497.55	1/4	2,140.15
1/2		1/2	4,989.16	1/2	4,632.87	1/2	4,276.27	1/2	3,919.66	1/2	3,562.28	1/2	3,204.89	1/2	2,847.49	1/2	2,490.10	1/2	2,132.71
3/4		3/4	4,981.80	3/4	4,625.44	3/4	4,268.85	3/4	3,912.22	3/4	3,554.84	3/4	3,197.44	3/4	2,840.05	3/4	2,482.66	3/4	2,125.26
2		2	4,974.45	2	4,618.01	2	4,261.42	2	3,904.78	2	3,547.39	2	3,190.00	2	2,832.60	2	2,475.21	2	2,117.82
1/4		1/4	4,967.10	1/4	4,610.58	1/4	4,253.99	1/4	3,897.34	1/4	3,539.94	1/4	3,182.55	1/4	2,825.16	1/4	2,467.76	1/4	2,110.37
1/2		1/2	4,959.69	1/2	4,603.15	1/2	4,246.56	1/2	3,889.89	1/2	3,532.50	1/2	3,175.11	1/2	2,817.71	1/2	2,460.32	1/2	2,102.92
3/4		3/4	4,952.28	3/4	4,595.73	3/4	4,239.13	3/4	3,882.45	3/4	3,525.05	3/4	3,167.66	3/4	2,810.27	3/4	2,452.87	3/4	2,095.48
3		3	4,944.87	3	4,588.30	3	4,231.70	3	3,875.00	3	3,517.61	3	3,160.21	3	2,802.82	3	2,445.43	3	2,088.03
1/4		1/4	4,937.46	1/4	4,580.87	1/4	4,224.27	1/4	3,867.56	1/4	3,510.16	1/4	3,152.77	1/4	2,795.37	1/4	2,437.98	1/4	2,080.59
1/2		1/2	4,930.04	1/2	4,573.44	1/2	4,216.84	1/2	3,860.11	1/2	3,502.72	1/2	3,145.32	1/2	2,787.93	1/2	2,430.54	1/2	2,073.14
3/4		3/4	4,922.61	3/4	4,566.01	3/4	4,209.41	3/4	3,852.66	3/4	3,495.27	3/4	3,137.88	3/4	2,780.48	3/4	2,423.09	3/4	2,065.70
4		4	4,915.18	4	4,558.58	4	4,201.98	4	3,845.22	4	3,487.82	4	3,130.43	4	2,773.04	4	2,415.64	4	2,058.26
1/4		1/4	4,907.75	1/4	4,551.15	1/4	4,194.55	1/4	3,837.77	1/4	3,480.38	1/4	3,122.99	1/4	2,765.59	1/4	2,408.20	1/4	2,050.81
1/2		1/2	4,900.32	1/2	4,543.72	1/2	4,187.13	1/2	3,830.33	1/2	3,472.93	1/2	3,115.54	1/2	2,758.15	1/2	2,400.75	1/2	2,043.37
3/4		3/4	4,892.89	3/4	4,536.29	3/4	4,179.70	3/4	3,822.88	3/4	3,465.49	3/4	3,108.09	3/4	2,750.70	3/4	2,393.31	3/4	2,035.93
5		5	4,885.46	5	4,528.86	5	4,172.27	5	3,815.44	5	3,458.04	5	3,100.65	5	2,743.25	5	2,385.86	5	2,028.49
1/4	5,200.80	1/4	4,878.03	1/4	4,521.43	1/4	4,164.84	1/4	3,807.99	1/4	3,450.60	1/4	3,093.20	1/4	2,735.81	1/4	2,378.42	1/4	2,021.05
1/2	5,196.90	1/2	4,870.60	1/2	4,514.01	1/2	4,157.41	1/2	3,800.54	1/2	3,443.15	1/2	3,085.76	1/2	2,728.36	1/2	2,370.97	1/2	2,013.61
3/4	5,193.01	3/4	4,863.17	3/4	4,506.58	3/4	4,149.98	3/4	3,793.10	3/4	3,435.71	3/4	3,078.31	3/4	2,720.92	3/4	2,363.52	3/4	2,006.17
6	5,189.11	6	4,855.74	6	4,499.15	6	4,142.55	6	3,785.65	6	3,428.26	6	3,070.87	6	2,713.47	6	2,356.08	6	1,998.72
1/4	5,185.21	1/4	4,848.32	1/4	4,491.72	1/4	4,135.12	1/4	3,778.21	1/4	3,420.81	1/4	3,063.42	1/4	2,706.03	1/4	2,348.63	1/4	1,991.28
1/2	5,180.25	1/2	4,840.89	1/2	4,484.29	1/2	4,127.69	1/2	3,770.76	1/2	3,413.37	1/2	3,055.97	1/2	2,698.58	1/2	2,341.19	1/2	1,983.84
3/4	5,175.29	3/4	4,833.46	3/4	4,476.86	3/4	4,120.26	3/4	3,763.32	3/4	3,405.92	3/4	3,048.53	3/4	2,691.14	3/4	2,333.74	3/4	1,976.39
7	5,170.33	7	4,826.03	7	4,469.43	7	4,112.83	7	3,755.87	7	3,398.48	7	3,041.08	7	2,683.69	7	2,326.30	7	1,968.95
1/4	5,165.37	1/4	4,818.60	1/4	4,462.00	1/4	4,105.41	1/4	3,748.42	1/4	3,391.03	1/4	3,033.64	1/4	2,676.24	1/4	2,318.85	1/4	1,961.50
1/2	5,159.34	1/2	4,811.17	1/2	4,454.57	1/2	4,097.98	1/2	3,740.98	1/2	3,383.59	1/2	3,026.19	1/2	2,668.80	1/2	2,311.40	1/2	1,954.05
3/4	5,153.32	3/4	4,803.74	3/4	4,447.14	3/4	4,090.55	3/4	3,733.53	3/4	3,376.14	3/4	3,018.75	3/4	2,661.35	3/4	2,303.96	3/4	1,946.61
8	5,147.29	8	4,796.31	8	4,439.71	8	4,083.12	8	3,726.09	8	3,368.69	8	3,011.30	8	2,653.91	8	2,296.51	8	1,939.16
1/4	5,141.27	1/4	4,788.88	1/4	4,432.29	1/4	4,075.69	1/4	3,718.64	1/4	3,361.25	1/4	3,003.85	1/4	2,646.46	1/4	2,289.07	1/4	1,931.72
1/2	5,134.32	1/2	4,781.45	1/2	4,424.86	1/2	4,068.26	1/2	3,711.20	1/2	3,353.80	1/2	2,996.41	1/2	2,639.02	1/2	2,281.62	1/2	1,924.27
3/4	5,127.38	3/4	4,774.02	3/4	4,417.43	3/4	4,060.83	3/4	3,703.75	3/4	3,346.36	3/4	2,988.96	3/4	2,631.57	3/4	2,274.18	3/4	1,916.83
9	5,120.43	9	4,766.60	9	4,410.00	9	4,053.40	9	3,696.30	9	3,338.91	9	2,981.52	9	2,624.12	9	2,266.73	9	1,909.38
1/4	5,113.49	1/4	4,759.17	1/4	4,402.57	1/4	4,045.97	1/4	3,688.86	1/4	3,331.47	1/4	2,974.07	1/4	2,616.68	1/4	2,259.28	1/4	1,901.93
1/2	5,106.23	1/2	4,751.74	1/2	4,395.14	1/2	4,038.54	1/2	3,681.41	1/2	3,324.02	1/2	2,966.63	1/2	2,609.23	1/2	2,251.84	1/2	1,894.49
3/4	5,098.97	3/4	4,744.31	3/4	4,387.71	3/4	4,031.11	3/4	3,673.97	3/4	3,316.57	3/4	2,959.18	3/4	2,601.79	3/4	2,244.39	3/4	1,887.04
10	5,091.71	10	4,736.88	10	4,380.28	10	4,023.69	10	3,666.52	10	3,309.13	10	2,951.73	10	2,594.34	10	2,236.95	10	1,879.60
1/4	5,084.46	1/4	4,729.45	1/4	4,372.85	1/4	4,016.26	1/4	3,659.08	1/4	3,301.68	1/4	2,944.29	1/4	2,586.90	1/4	2,229.50	1/4	1,872.15
1/2	5,077.15	1/2	4,722.02	1/2	4,365.42	1/2	4,008.83	1/2	3,651.63	1/2	3,294.24	1/2	2,936.84	1/2	2,579.45	1/2	2,222.06	1/2	1,864.71
3/4	5,069.83	3/4	4,714.59	3/4	4,357.99	3/4	4,001.40	3/4	3,644.18	3/4	3,286.79	3/4	2,929.40	3/4	2,572.00	3/4	2,214.61	3/4	1,857.26
11	5,062.52	11	4,707.16	11	4,350.57	11	3,993.97	11	3,636.74	11	3,279.35	11	2,921.95	11	2,564.56	11	2,207.16	11	1,849.81
1/4	5,055.21	1/4	4,699.73	1/4	4,343.14	1/4	3,986.54	1/4	3,629.29	1/4	3,271.90	1/4	2,914.51	1/4	2,557.11	1/4	2,199.72	1/4	1,842.37
1/2	5,047.88	1/2	4,692.30	1/2	4,335.71	1/2	3,979.11	1/2	3,621.85	1/2	3,264.45	1/2	2,907.06	1/2	2,549.67	1/2	2,192.27	1/2	1,834.92
3/4	5,040.55	3/4	4,684.88	3/4	4,328.28	3/4	3,971.68	3/4	3,614.40	3/4	3,257.01	3/4	2,899.61	3/4	2,542.22	3/4	2,184.83	3/4	1,827.48

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE 'WEB 269"

1 POINT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	1,820.03	0	1,463.56	0	1,106.05	0	754.01	0	406.65	0	92.83	0		0		0		0	
1/4	1,812.59	1/4	1,456.11	1/4	1,098.60	1/4	746.70	1/4	399.55	1/4	86.93	1/4		1/4		1/4		1/4	
1/2	1,805.14	1/2	1,448.66	1/2	1,091.15	1/2	739.39	1/2	392.48	1/2	81.13	1/2		1/2		1/2		1/2	
3/4	1,797.69	3/4	1,441.21	3/4	1,083.70	3/4	732.08	3/4	385.42	3/4	75.34	3/4		3/4		3/4		3/4	
1	1,790.25	1	1,433.76	1	1,076.25	1	724.77	1	378.36	1	69.54	1		1		1		1	
1/4	1,782.80	1/4	1,426.32	1/4	1,068.81	1/4	717.46	1/4	371.28	1/4	63.75	1/4		1/4		1/4		1/4	
1/2	1,775.36	1/2	1,418.87	1/2	1,061.44	1/2	710.15	1/2	364.31	1/2	58.47	1/2		1/2		1/2		1/2	
3/4	1,767.91	3/4	1,411.42	3/4	1,054.07	3/4	702.84	3/4	357.33	3/4	53.18	3/4		3/4		3/4		3/4	
2	1,760.47	2	1,403.97	2	1,046.70	2	695.53	2	350.35	2	47.90	2		2		2		2	
1/4	1,753.02	1/4	1,396.52	1/4	1,039.33	1/4	688.22	1/4	343.37	1/4	42.62	1/4		1/4		1/4		1/4	
1/2	1,745.57	1/2	1,389.08	1/2	1,032.00	1/2	680.90	1/2	336.47	1/2	38.60	1/2		1/2		1/2		1/2	
3/4	1,738.13	3/4	1,381.63	3/4	1,024.67	3/4	673.58	3/4	329.58	3/4	34.57	3/4		3/4		3/4		3/4	
3	1,730.68	3	1,374.18	3	1,017.33	3	666.25	3	322.68	3	30.55	3		3		3		3	
1/4	1,723.24	1/4	1,366.73	1/4	1,010.00	1/4	658.93	1/4	315.79	1/4	26.53	1/4		1/4		1/4		1/4	
1/2	1,715.82	1/2	1,359.28	1/2	1,002.68	1/2	651.52	1/2	308.97	1/2	23.73	1/2		1/2		1/2		1/2	
3/4	1,708.40	3/4	1,351.84	3/4	995.35	3/4	644.10	3/4	302.16	3/4	20.94	3/4		3/4		3/4		3/4	
4	1,700.99	4	1,344.39	4	988.03	4	636.68	4	295.34	4	18.14	4		4		4		4	
1/4	1,693.57	1/4	1,336.94	1/4	980.71	1/4	629.27	1/4	288.53	1/4	15.35	1/4		1/4		1/4		1/4	
1/2	1,686.16	1/2	1,329.49	1/2	973.39	1/2	621.97	1/2	281.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,678.76	3/4	1,322.05	3/4	966.07	3/4	614.68	3/4	275.06	3/4		3/4		3/4		3/4		3/4	
5	1,671.35	5	1,314.60	5	958.76	5	607.38	5	268.33	5		5		5		5		5	
1/4	1,663.94	1/4	1,307.15	1/4	951.44	1/4	600.09	1/4	261.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,656.54	1/2	1,299.70	1/2	944.13	1/2	592.85	1/2	254.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,649.13	3/4	1,292.25	3/4	936.81	3/4	585.61	3/4	248.20	3/4		3/4		3/4		3/4		3/4	
6	1,641.72	6	1,284.81	6	929.50	6	578.37	6	241.60	6		6		6		6		6	
1/4	1,634.32	1/4	1,277.36	1/4	922.18	1/4	571.14	1/4	235.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,626.91	1/2	1,269.91	1/2	914.87	1/2	563.90	1/2	228.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,619.50	3/4	1,262.46	3/4	907.56	3/4	556.66	3/4	222.01	3/4		3/4		3/4		3/4		3/4	
7	1,612.10	7	1,255.01	7	900.24	7	549.42	7	215.52	7		7		7		7		7	
1/4	1,604.69	1/4	1,247.57	1/4	892.93	1/4	542.19	1/4	209.03	1/4		1/4		1/4		1/4		1/4	
1/2	1,597.28	1/2	1,240.12	1/2	885.62	1/2	534.96	1/2	202.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,589.88	3/4	1,232.67	3/4	878.30	3/4	527.73	3/4	196.42	3/4		3/4		3/4		3/4		3/4	
8	1,582.47	8	1,225.22	8	870.99	8	520.50	8	190.11	8		8		8		8		8	
1/4	1,575.06	1/4	1,217.77	1/4	863.68	1/4	513.27	1/4	183.80	1/4		1/4		1/4		1/4		1/4	
1/2	1,567.66	1/2	1,210.32	1/2	856.36	1/2	506.08	1/2	177.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,560.25	3/4	1,202.88	3/4	849.05	3/4	498.89	3/4	171.41	3/4		3/4		3/4		3/4		3/4	
9	1,552.84	9	1,195.43	9	841.74	9	491.70	9	165.21	9		9		9		9		9	
1/4	1,545.44	1/4	1,187.98	1/4	834.42	1/4	484.51	1/4	159.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,538.00	1/2	1,180.53	1/2	827.11	1/2	477.40	1/2	152.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,530.56	3/4	1,173.08	3/4	819.80	3/4	470.29	3/4	146.81	3/4		3/4		3/4		3/4		3/4	
10	1,523.13	10	1,165.63	10	812.49	10	463.17	10	140.70	10		10		10		10		10	
1/4	1,515.69	1/4	1,158.19	1/4	805.18	1/4	456.06	1/4	134.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,508.24	1/2	1,150.74	1/2	797.87	1/2	449.18	1/2	128.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,500.79	3/4	1,143.29	3/4	790.56	3/4	442.10	3/4	122.58	3/4		3/4		3/4		3/4		3/4	
11	1,493.35	11	1,135.84	11	783.25	11	435.02	11	116.57	11		11		11		11		11	
1/4	1,485.90	1/4	1,128.39	1/4	775.94	1/4	427.94	1/4	110.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,478.45	1/2	1,120.94	1/2	768.63	1/2	420.84	1/2	104.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,471.00	3/4	1,113.50	3/4	761.32	3/4	413.74	3/4	98.74	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/17/2012 CL - SW
CALCULATED: 04/17/2012 CL
PRINTED: 04/17/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

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



BARGE 'WEB 269'

1 STLL ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	5,039.23	0	4,683.39	0	4,326.72	0	3,970.06	0	3,612.72	0	3,256.26	0	2,897.79	0	2,540.33	0	2,182.86
1/4		1/4	5,031.89	1/4	4,675.96	1/4	4,319.29	1/4	3,962.63	1/4	3,605.28	1/4	3,247.81	1/4	2,890.35	1/4	2,532.88	1/4	2,175.41
1/2		1/2	5,024.55	1/2	4,668.53	1/2	4,311.86	1/2	3,955.20	1/2	3,597.83	1/2	3,240.36	1/2	2,882.90	1/2	2,526.43	1/2	2,167.97
3/4		3/4	5,017.20	3/4	4,661.10	3/4	4,304.43	3/4	3,947.77	3/4	3,590.38	3/4	3,232.92	3/4	2,875.45	3/4	2,517.99	3/4	2,160.52
1		1	5,009.86	1	4,653.67	1	4,297.00	1	3,940.34	1	3,582.94	1	3,225.47	1	2,868.00	1	2,510.54	1	2,153.07
1/4		1/4	5,002.51	1/4	4,646.24	1/4	4,289.57	1/4	3,932.91	1/4	3,575.49	1/4	3,218.02	1/4	2,860.56	1/4	2,503.09	1/4	2,145.63
1/2		1/2	4,995.16	1/2	4,638.80	1/2	4,282.14	1/2	3,925.47	1/2	3,568.04	1/2	3,210.58	1/2	2,853.11	1/2	2,495.64	1/2	2,138.18
3/4		3/4	4,987.80	3/4	4,631.37	3/4	4,274.71	3/4	3,918.04	3/4	3,560.59	3/4	3,203.13	3/4	2,845.66	3/4	2,488.20	3/4	2,130.73
2		2	4,980.45	2	4,623.94	2	4,267.28	2	3,910.60	2	3,553.15	2	3,195.68	2	2,838.22	2	2,480.75	2	2,123.28
1/4		1/4	4,973.10	1/4	4,616.51	1/4	4,259.85	1/4	3,903.16	1/4	3,545.70	1/4	3,188.23	1/4	2,830.77	1/4	2,473.30	1/4	2,115.84
1/2		1/2	4,965.69	1/2	4,609.08	1/2	4,252.42	1/2	3,895.72	1/2	3,538.25	1/2	3,180.79	1/2	2,823.32	1/2	2,465.86	1/2	2,108.39
3/4		3/4	4,958.28	3/4	4,601.65	3/4	4,244.99	3/4	3,888.27	3/4	3,530.80	3/4	3,173.34	3/4	2,815.87	3/4	2,458.41	3/4	2,100.94
3		3	4,950.87	3	4,594.22	3	4,237.56	3	3,880.82	3	3,523.36	3	3,166.89	3	2,808.43	3	2,450.96	3	2,093.50
1/4		1/4	4,943.46	1/4	4,586.79	1/4	4,230.13	1/4	3,873.38	1/4	3,515.91	1/4	3,158.44	1/4	2,800.98	1/4	2,443.51	1/4	2,086.05
1/2		1/2	4,936.02	1/2	4,579.36	1/2	4,222.70	1/2	3,865.93	1/2	3,508.46	1/2	3,151.00	1/2	2,793.53	1/2	2,436.07	1/2	2,078.60
3/4		3/4	4,928.59	3/4	4,571.93	3/4	4,215.27	3/4	3,858.48	3/4	3,501.02	3/4	3,143.55	3/4	2,786.08	3/4	2,428.62	3/4	2,071.16
4		4	4,921.16	4	4,564.50	4	4,207.84	4	3,851.03	4	3,493.57	4	3,136.10	4	2,778.64	4	2,421.17	4	2,063.71
1/4		1/4	4,913.73	1/4	4,557.07	1/4	4,200.41	1/4	3,843.59	1/4	3,486.12	1/4	3,128.66	1/4	2,771.19	1/4	2,413.72	1/4	2,056.27
1/2		1/2	4,906.30	1/2	4,549.64	1/2	4,192.97	1/2	3,836.14	1/2	3,478.67	1/2	3,121.21	1/2	2,763.74	1/2	2,406.28	1/2	2,048.83
3/4		3/4	4,898.87	3/4	4,542.21	3/4	4,185.54	3/4	3,828.69	3/4	3,471.23	3/4	3,113.76	3/4	2,756.30	3/4	2,398.83	3/4	2,041.38
5		5	4,891.44	5	4,534.78	5	4,178.11	5	3,821.25	5	3,463.78	5	3,106.31	5	2,748.85	5	2,391.38	5	2,033.94
1/4	5,206.85	1/4	4,884.01	1/4	4,527.35	1/4	4,170.68	1/4	3,813.80	1/4	3,456.33	1/4	3,098.87	1/4	2,741.40	1/4	2,383.94	1/4	2,026.50
1/2	5,202.95	1/2	4,876.58	1/2	4,519.92	1/2	4,163.25	1/2	3,806.35	1/2	3,448.89	1/2	3,091.42	1/2	2,733.95	1/2	2,376.49	1/2	2,019.06
3/4	5,199.05	3/4	4,869.15	3/4	4,512.49	3/4	4,155.82	3/4	3,798.90	3/4	3,441.44	3/4	3,083.97	3/4	2,726.51	3/4	2,369.04	3/4	2,011.61
6	5,195.15	6	4,861.72	6	4,505.06	6	4,148.39	6	3,791.46	6	3,433.99	6	3,076.53	6	2,719.06	6	2,361.59	6	2,004.17
1/4	5,191.25	1/4	4,854.29	1/4	4,497.63	1/4	4,140.96	1/4	3,784.01	1/4	3,426.54	1/4	3,069.08	1/4	2,711.61	1/4	2,354.15	1/4	1,996.72
1/2	5,186.29	1/2	4,846.86	1/2	4,490.19	1/2	4,133.53	1/2	3,776.56	1/2	3,419.10	1/2	3,061.63	1/2	2,704.17	1/2	2,346.70	1/2	1,989.28
3/4	5,181.33	3/4	4,839.43	3/4	4,482.76	3/4	4,126.10	3/4	3,769.12	3/4	3,411.65	3/4	3,054.18	3/4	2,696.72	3/4	2,339.25	3/4	1,981.83
7	5,176.37	7	4,832.00	7	4,475.33	7	4,118.67	7	3,761.67	7	3,404.20	7	3,046.74	7	2,689.27	7	2,331.81	7	1,974.39
1/4	5,171.40	1/4	4,824.57	1/4	4,467.90	1/4	4,111.24	1/4	3,754.22	1/4	3,396.76	1/4	3,039.29	1/4	2,681.82	1/4	2,324.36	1/4	1,966.94
1/2	5,165.38	1/2	4,817.14	1/2	4,460.47	1/2	4,103.81	1/2	3,746.77	1/2	3,389.31	1/2	3,031.84	1/2	2,674.38	1/2	2,316.91	1/2	1,959.49
3/4	5,159.35	3/4	4,809.71	3/4	4,453.04	3/4	4,096.38	3/4	3,739.33	3/4	3,381.86	3/4	3,024.40	3/4	2,666.93	3/4	2,309.46	3/4	1,952.05
8	5,153.32	8	4,802.28	8	4,445.61	8	4,088.95	8	3,731.88	8	3,374.41	8	3,016.95	8	2,659.48	8	2,302.02	8	1,944.60
1/4	5,147.30	1/4	4,794.85	1/4	4,438.18	1/4	4,081.52	1/4	3,724.43	1/4	3,366.97	1/4	3,009.50	1/4	2,652.04	1/4	2,294.57	1/4	1,937.15
1/2	5,140.35	1/2	4,787.41	1/2	4,430.75	1/2	4,074.09	1/2	3,716.98	1/2	3,359.52	1/2	3,002.05	1/2	2,644.59	1/2	2,287.12	1/2	1,929.70
3/4	5,133.40	3/4	4,779.98	3/4	4,423.32	3/4	4,066.66	3/4	3,709.54	3/4	3,352.07	3/4	2,994.61	3/4	2,637.14	3/4	2,279.68	3/4	1,922.26
9	5,126.46	9	4,772.55	9	4,415.89	9	4,059.23	9	3,702.09	9	3,344.62	9	2,987.16	9	2,629.69	9	2,272.23	9	1,914.81
1/4	5,119.51	1/4	4,765.12	1/4	4,408.46	1/4	4,051.80	1/4	3,694.64	1/4	3,337.18	1/4	2,979.71	1/4	2,622.25	1/4	2,264.78	1/4	1,907.36
1/2	5,112.25	1/2	4,757.69	1/2	4,401.03	1/2	4,044.36	1/2	3,687.20	1/2	3,329.73	1/2	2,972.26	1/2	2,614.80	1/2	2,257.33	1/2	1,899.92
3/4	5,104.99	3/4	4,750.26	3/4	4,393.60	3/4	4,036.93	3/4	3,679.75	3/4	3,322.28	3/4	2,964.82	3/4	2,607.35	3/4	2,249.89	3/4	1,892.47
10	5,097.73	10	4,742.83	10	4,386.17	10	4,029.50	10	3,672.30	10	3,314.84	10	2,957.37	10	2,599.90	10	2,242.44	10	1,885.02
1/4	5,090.48	1/4	4,735.40	1/4	4,378.74	1/4	4,022.07	1/4	3,664.85	1/4	3,307.39	1/4	2,949.92	1/4	2,592.46	1/4	2,234.99	1/4	1,877.57
1/2	5,083.16	1/2	4,727.97	1/2	4,371.31	1/2	4,014.64	1/2	3,657.41	1/2	3,299.94	1/2	2,942.48	1/2	2,585.01	1/2	2,227.54	1/2	1,870.13
3/4	5,075.85	3/4	4,720.54	3/4	4,363.88	3/4	4,007.21	3/4	3,649.96	3/4	3,292.49	3/4	2,935.03	3/4	2,577.56	3/4	2,220.10	3/4	1,862.68
11	5,068.54	11	4,713.11	11	4,356.45	11	3,999.78	11	3,642.51	11	3,285.05	11	2,927.58	11	2,570.12	11	2,212.65	11	1,855.23
1/4	5,061.23	1/4	4,705.68	1/4	4,349.02	1/4	3,992.35	1/4	3,635.07	1/4	3,277.60	1/4	2,920.13	1/4	2,562.67	1/4	2,205.20	1/4	1,847.79
1/2	5,053.89	1/2	4,698.25	1/2	4,341.58	1/2	3,984.92	1/2	3,627.62	1/2	3,270.15	1/2	2,912.69	1/2	2,555.22	1/2	2,197.76	1/2	1,840.34
3/4	5,046.56	3/4	4,690.82	3/4	4,334.15	3/4	3,977.49	3/4	3,620.17	3/4	3,262.71	3/4	2,905.24	3/4	2,547.77	3/4	2,190.31	3/4	1,832.89

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

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



BARG 'WEB 269''

1 STL ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	1,825.44	0	1,468.96	0	1,112.00	0	755.47	0	406.62	0	92.82	0		0		0		0	
1/4	1,818.00	1/4	1,461.52	1/4	1,104.55	1/4	748.06	1/4	399.52	1/4	86.92	1/4		1/4		1/4		1/4	
1/2	1,810.55	1/2	1,454.07	1/2	1,097.10	1/2	740.64	1/2	392.45	1/2	81.12	1/2		1/2		1/2		1/2	
3/4	1,803.10	3/4	1,446.62	3/4	1,089.66	3/4	733.22	3/4	385.39	3/4	75.33	3/4		3/4		3/4		3/4	
1	1,795.66	1	1,439.17	1	1,082.21	1	725.80	1	378.32	1	69.54	1		1		1		1	
1/4	1,788.21	1/4	1,431.73	1/4	1,074.76	1/4	718.39	1/4	371.26	1/4	63.74	1/4		1/4		1/4		1/4	
1/2	1,780.76	1/2	1,424.28	1/2	1,067.31	1/2	710.97	1/2	364.28	1/2	58.46	1/2		1/2		1/2		1/2	
3/4	1,773.32	3/4	1,416.83	3/4	1,059.86	3/4	703.55	3/4	357.30	3/4	53.18	3/4		3/4		3/4		3/4	
2	1,765.87	2	1,409.38	2	1,052.41	2	696.14	2	350.32	2	47.90	2		2		2		2	
1/4	1,758.42	1/4	1,401.94	1/4	1,044.97	1/4	688.72	1/4	343.34	1/4	42.62	1/4		1/4		1/4		1/4	
1/2	1,750.97	1/2	1,394.49	1/2	1,037.52	1/2	681.29	1/2	336.45	1/2	38.59	1/2		1/2		1/2		1/2	
3/4	1,743.53	3/4	1,387.04	3/4	1,030.08	3/4	673.86	3/4	329.55	3/4	34.57	3/4		3/4		3/4		3/4	
3	1,736.08	3	1,379.59	3	1,022.64	3	666.44	3	322.66	3	30.55	3		3		3		3	
1/4	1,728.63	1/4	1,372.15	1/4	1,015.20	1/4	659.01	1/4	315.77	1/4	26.53	1/4		1/4		1/4		1/4	
1/2	1,721.22	1/2	1,364.70	1/2	1,007.77	1/2	651.56	1/2	308.95	1/2	23.73	1/2		1/2		1/2		1/2	
3/4	1,713.80	3/4	1,357.25	3/4	1,000.34	3/4	644.12	3/4	302.14	3/4	20.94	3/4		3/4		3/4		3/4	
4	1,706.38	4	1,349.80	4	992.92	4	636.68	4	295.32	4	18.14	4		4		4		4	
1/4	1,698.97	1/4	1,342.36	1/4	985.49	1/4	629.23	1/4	288.51	1/4	15.35	1/4		1/4		1/4		1/4	
1/2	1,691.56	1/2	1,334.93	1/2	978.06	1/2	621.94	1/2	281.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,684.15	3/4	1,327.51	3/4	970.64	3/4	614.65	3/4	275.04	3/4		3/4		3/4		3/4		3/4	
5	1,676.75	5	1,320.09	5	963.21	5	607.35	5	268.31	5		5		5		5		5	
1/4	1,669.34	1/4	1,312.66	1/4	955.79	1/4	600.06	1/4	261.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,661.93	1/2	1,305.25	1/2	948.37	1/2	592.82	1/2	254.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,654.53	3/4	1,297.84	3/4	940.95	3/4	585.58	3/4	248.18	3/4		3/4		3/4		3/4		3/4	
6	1,647.12	6	1,290.42	6	933.53	6	578.34	6	241.58	6		6		6		6		6	
1/4	1,639.72	1/4	1,283.01	1/4	926.11	1/4	571.10	1/4	234.98	1/4		1/4		1/4		1/4		1/4	
1/2	1,632.31	1/2	1,275.59	1/2	918.69	1/2	563.87	1/2	228.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,624.90	3/4	1,268.18	3/4	911.27	3/4	556.63	3/4	221.99	3/4		3/4		3/4		3/4		3/4	
7	1,617.50	7	1,260.76	7	903.84	7	549.39	7	215.50	7		7		7		7		7	
1/4	1,610.09	1/4	1,253.35	1/4	896.42	1/4	542.15	1/4	209.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,602.68	1/2	1,245.93	1/2	889.00	1/2	534.92	1/2	202.71	1/2		1/2		1/2		1/2		1/2	
3/4	1,595.28	3/4	1,238.52	3/4	881.58	3/4	527.69	3/4	196.40	3/4		3/4		3/4		3/4		3/4	
8	1,587.87	8	1,231.10	8	874.16	8	520.46	8	190.09	8		8		8		8		8	
1/4	1,580.47	1/4	1,223.69	1/4	866.74	1/4	513.23	1/4	183.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,573.06	1/2	1,216.25	1/2	859.32	1/2	506.05	1/2	177.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,565.65	3/4	1,208.81	3/4	851.90	3/4	498.86	3/4	171.39	3/4		3/4		3/4		3/4		3/4	
9	1,558.25	9	1,201.37	9	844.48	9	491.67	9	165.20	9		9		9		9		9	
1/4	1,550.84	1/4	1,193.93	1/4	837.06	1/4	484.48	1/4	159.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,543.40	1/2	1,186.48	1/2	829.65	1/2	477.37	1/2	152.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,535.97	3/4	1,179.04	3/4	822.23	3/4	470.26	3/4	146.79	3/4		3/4		3/4		3/4		3/4	
10	1,528.53	10	1,171.59	10	814.81	10	463.14	10	140.69	10		10		10		10		10	
1/4	1,521.09	1/4	1,164.14	1/4	807.39	1/4	456.03	1/4	134.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,513.65	1/2	1,156.69	1/2	799.97	1/2	449.15	1/2	128.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,506.20	3/4	1,149.24	3/4	792.56	3/4	442.07	3/4	122.57	3/4		3/4		3/4		3/4		3/4	
11	1,498.75	11	1,141.79	11	785.14	11	434.99	11	116.56	11		11		11		11		11	
1/4	1,491.30	1/4	1,134.35	1/4	777.72	1/4	427.91	1/4	110.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,483.86	1/2	1,126.90	1/2	770.31	1/2	420.81	1/2	104.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,476.41	3/4	1,119.45	3/4	762.89	3/4	413.72	3/4	98.73	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/17/2012 CL - SW
CALCULATED: 04/17/2012 CL
PRINTED: 04/17/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

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



BARGE WEB 269"

2 POR.

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0		0	5,112.02	0	4,764.87	0	4,396.80	0	4,038.73	0	3,679.99	0	3,321.12	0	2,962.25	0	2,603.37	0	2,244.50
1/4		1/4	5,104.65	1/4	4,747.41	1/4	4,389.34	1/4	4,031.27	1/4	3,672.51	1/4	3,313.64	1/4	2,954.77	1/4	2,595.90	1/4	2,237.03
1/2		1/2	5,097.29	1/2	4,739.95	1/2	4,381.88	1/2	4,023.81	1/2	3,665.04	1/2	3,306.17	1/2	2,947.29	1/2	2,588.42	1/2	2,229.57
3/4		3/4	5,089.92	3/4	4,732.49	3/4	4,374.42	3/4	4,016.35	3/4	3,657.56	3/4	3,298.69	3/4	2,939.82	3/4	2,580.94	3/4	2,222.00
1		1	5,082.54	1	4,725.03	1	4,366.96	1	4,008.89	1	3,650.08	1	3,291.21	1	2,932.34	1	2,573.47	1	2,214.60
1/4		1/4	5,075.17	1/4	4,717.57	1/4	4,359.50	1/4	4,001.43	1/4	3,642.61	1/4	3,283.74	1/4	2,924.86	1/4	2,566.99	1/4	2,207.12
1/2		1/2	5,067.79	1/2	4,710.11	1/2	4,352.04	1/2	3,993.97	1/2	3,635.13	1/2	3,276.26	1/2	2,917.39	1/2	2,559.52	1/2	2,199.64
3/4		3/4	5,060.41	3/4	4,702.65	3/4	4,344.58	3/4	3,986.50	3/4	3,627.65	3/4	3,268.78	3/4	2,909.91	3/4	2,551.04	3/4	2,192.17
2		2	5,053.03	2	4,695.19	2	4,337.12	2	3,979.03	2	3,620.18	2	3,261.31	2	2,902.43	2	2,543.56	2	2,184.69
1/4		1/4	5,045.64	1/4	4,687.73	1/4	4,329.66	1/4	3,971.57	1/4	3,612.70	1/4	3,253.83	1/4	2,894.96	1/4	2,536.09	1/4	2,177.21
1/2		1/2	5,038.26	1/2	4,680.27	1/2	4,322.20	1/2	3,964.10	1/2	3,605.23	1/2	3,246.35	1/2	2,887.48	1/2	2,528.61	1/2	2,169.74
3/4		3/4	5,030.82	3/4	4,672.81	3/4	4,314.74	3/4	3,956.62	3/4	3,597.75	3/4	3,238.88	3/4	2,880.00	3/4	2,521.13	3/4	2,162.26
3		3	5,023.38	3	4,665.35	3	4,307.28	3	3,949.14	3	3,590.27	3	3,231.40	3	2,872.53	3	2,513.66	3	2,154.78
1/4		1/4	5,015.94	1/4	4,657.89	1/4	4,299.82	1/4	3,941.67	1/4	3,582.80	1/4	3,223.92	1/4	2,865.05	1/4	2,506.18	1/4	2,147.31
1/2		1/2	5,008.50	1/2	4,650.43	1/2	4,292.36	1/2	3,934.19	1/2	3,575.32	1/2	3,216.45	1/2	2,857.58	1/2	2,498.70	1/2	2,139.83
3/4		3/4	5,001.04	3/4	4,642.97	3/4	4,284.90	3/4	3,926.71	3/4	3,567.84	3/4	3,208.97	3/4	2,850.10	3/4	2,491.23	3/4	2,132.36
4		4	4,993.58	4	4,635.51	4	4,277.44	4	3,919.24	4	3,560.37	4	3,201.49	4	2,842.62	4	2,483.75	4	2,124.88
1/4		1/4	4,986.12	1/4	4,628.05	1/4	4,269.98	1/4	3,911.76	1/4	3,552.89	1/4	3,194.02	1/4	2,835.15	1/4	2,476.27	1/4	2,117.41
1/2		1/2	4,978.66	1/2	4,620.59	1/2	4,262.52	1/2	3,904.29	1/2	3,545.41	1/2	3,186.54	1/2	2,827.67	1/2	2,468.80	1/2	2,109.93
3/4		3/4	4,971.20	3/4	4,613.13	3/4	4,255.06	3/4	3,896.81	3/4	3,537.94	3/4	3,179.06	3/4	2,820.19	3/4	2,461.32	3/4	2,102.46
5		5	4,963.74	5	4,605.67	5	4,247.60	5	3,889.33	5	3,530.46	5	3,171.59	5	2,812.72	5	2,453.84	5	2,094.99
1/4		1/4	4,956.28	1/4	4,598.21	1/4	4,240.14	1/4	3,881.86	1/4	3,522.98	1/4	3,164.11	1/4	2,805.24	1/4	2,446.37	1/4	2,087.52
1/2	5,272.94	1/2	4,948.82	1/2	4,590.75	1/2	4,232.68	1/2	3,874.38	1/2	3,515.51	1/2	3,156.64	1/2	2,797.76	1/2	2,438.89	1/2	2,080.05
3/4	5,269.03	3/4	4,941.36	3/4	4,583.29	3/4	4,225.22	3/4	3,866.90	3/4	3,508.03	3/4	3,149.16	3/4	2,790.29	3/4	2,431.41	3/4	2,072.57
6	5,265.11	6	4,933.90	6	4,575.83	6	4,217.76	6	3,859.43	6	3,500.55	6	3,141.68	6	2,782.81	6	2,423.94	6	2,065.10
1/4	5,261.20	1/4	4,926.44	1/4	4,568.37	1/4	4,210.30	1/4	3,851.95	1/4	3,493.08	1/4	3,134.21	1/4	2,775.33	1/4	2,416.46	1/4	2,057.63
1/2	5,257.29	1/2	4,918.98	1/2	4,560.91	1/2	4,202.84	1/2	3,844.47	1/2	3,485.60	1/2	3,126.73	1/2	2,767.86	1/2	2,408.99	1/2	2,050.16
3/4	5,253.30	3/4	4,911.52	3/4	4,553.45	3/4	4,195.38	3/4	3,837.00	3/4	3,478.12	3/4	3,119.25	3/4	2,760.38	3/4	2,401.51	3/4	2,042.68
7	5,247.32	7	4,904.06	7	4,545.99	7	4,187.92	7	3,829.52	7	3,470.65	7	3,111.78	7	2,752.90	7	2,394.03	7	2,035.21
1/4	5,242.34	1/4	4,896.60	1/4	4,538.53	1/4	4,180.46	1/4	3,822.04	1/4	3,463.17	1/4	3,104.30	1/4	2,745.43	1/4	2,386.56	1/4	2,027.73
1/2	5,237.35	1/2	4,889.14	1/2	4,531.07	1/2	4,173.00	1/2	3,814.57	1/2	3,455.70	1/2	3,096.82	1/2	2,737.95	1/2	2,379.08	1/2	2,020.25
3/4	5,231.30	3/4	4,881.69	3/4	4,523.61	3/4	4,165.54	3/4	3,807.09	3/4	3,448.22	3/4	3,089.35	3/4	2,730.47	3/4	2,371.60	3/4	2,012.78
8	5,225.25	8	4,874.23	8	4,516.15	8	4,158.08	8	3,799.61	8	3,440.74	8	3,081.87	8	2,723.00	8	2,364.13	8	2,005.30
1/4	5,219.20	1/4	4,866.77	1/4	4,508.70	1/4	4,150.62	1/4	3,792.14	1/4	3,433.27	1/4	3,074.39	1/4	2,715.52	1/4	2,356.65	1/4	1,997.83
1/2	5,213.15	1/2	4,859.31	1/2	4,501.24	1/2	4,143.16	1/2	3,784.66	1/2	3,425.79	1/2	3,066.92	1/2	2,708.05	1/2	2,349.17	1/2	1,990.35
3/4	5,206.18	3/4	4,851.85	3/4	4,493.78	3/4	4,135.71	3/4	3,777.18	3/4	3,418.31	3/4	3,059.44	3/4	2,700.57	3/4	2,341.70	3/4	1,982.87
9	5,199.20	9	4,844.39	9	4,486.32	9	4,128.25	9	3,769.71	9	3,410.84	9	3,051.96	9	2,693.09	9	2,334.22	9	1,975.40
1/4	5,192.23	1/4	4,836.93	1/4	4,478.86	1/4	4,120.79	1/4	3,762.23	1/4	3,403.36	1/4	3,044.49	1/4	2,685.62	1/4	2,326.74	1/4	1,967.92
1/2	5,185.26	1/2	4,829.47	1/2	4,471.40	1/2	4,113.33	1/2	3,754.76	1/2	3,395.88	1/2	3,037.01	1/2	2,678.14	1/2	2,319.27	1/2	1,960.44
3/4	5,177.97	3/4	4,822.01	3/4	4,463.94	3/4	4,105.87	3/4	3,747.28	3/4	3,388.41	3/4	3,029.53	3/4	2,670.66	3/4	2,311.79	3/4	1,952.97
10	5,170.68	10	4,814.55	10	4,456.48	10	4,098.41	10	3,739.80	10	3,380.93	10	3,022.06	10	2,663.19	10	2,304.31	10	1,945.49
1/4	5,163.39	1/4	4,807.09	1/4	4,449.02	1/4	4,090.95	1/4	3,732.33	1/4	3,373.45	1/4	3,014.58	1/4	2,655.71	1/4	2,296.84	1/4	1,938.01
1/2	5,156.11	1/2	4,799.63	1/2	4,441.56	1/2	4,083.49	1/2	3,724.85	1/2	3,365.98	1/2	3,007.11	1/2	2,648.23	1/2	2,289.36	1/2	1,930.54
3/4	5,148.76	3/4	4,792.17	3/4	4,434.10	3/4	4,076.03	3/4	3,717.37	3/4	3,358.50	3/4	2,999.63	3/4	2,640.76	3/4	2,281.88	3/4	1,923.06
11	5,141.42	11	4,784.71	11	4,426.64	11	4,068.57	11	3,709.90	11	3,351.02	11	2,992.15	11	2,633.28	11	2,274.41	11	1,915.58
1/4	5,134.08	1/4	4,777.25	1/4	4,419.18	1/4	4,061.11	1/4	3,702.42	1/4	3,343.55	1/4	2,984.68	1/4	2,625.80	1/4	2,266.93	1/4	1,908.11
1/2	5,126.74	1/2	4,769.79	1/2	4,411.72	1/2	4,053.65	1/2	3,694.94	1/2	3,336.07	1/2	2,977.20	1/2	2,618.33	1/2	2,259.46	1/2	1,900.63
3/4	5,119.38	3/4	4,762.33	3/4	4,404.26	3/4	4,046.19	3/4	3,687.47	3/4	3,328.59	3/4	2,969.72	3/4	2,610.85	3/4	2,251.98	3/4	1,893.15

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 46'-03" FORWARD OF AFT BULKHEAD.

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



BARGL WEB 269"

2 POK. ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,886.68	0	1,530.81	0	1,171.92	0	827.63	0	479.93	0	125.67	0		0		0		0	
1/4	1,878.20	1/4	1,523.34	1/4	1,164.44	1/4	820.52	1/4	472.52	1/4	118.45	1/4		1/4		1/4		1/4	
1/2	1,870.72	1/2	1,515.86	1/2	1,156.96	1/2	813.40	1/2	465.10	1/2	111.22	1/2		1/2		1/2		1/2	
3/4	1,863.25	3/4	1,508.38	3/4	1,149.49	3/4	806.29	3/4	457.63	3/4	104.03	3/4		3/4		3/4		3/4	
1	1,855.77	1	1,500.91	1	1,142.01	1	799.18	1	450.16	1	96.84	1		1		1		1	
1/4	1,848.30	1/4	1,493.43	1/4	1,134.53	1/4	792.07	1/4	442.69	1/4	89.65	1/4		1/4		1/4		1/4	
1/2	1,840.82	1/2	1,485.95	1/2	1,127.06	1/2	784.95	1/2	435.23	1/2	82.45	1/2		1/2		1/2		1/2	
3/4	1,833.34	3/4	1,478.48	3/4	1,119.58	3/4	777.84	3/4	427.76	3/4	75.69	3/4		3/4		3/4		3/4	
2	1,825.87	2	1,471.00	2	1,112.60	2	770.73	2	420.30	2	68.93	2		2		2		2	
1/4	1,818.39	1/4	1,463.52	1/4	1,105.37	1/4	763.61	1/4	412.83	1/4	62.16	1/4		1/4		1/4		1/4	
1/2	1,810.91	1/2	1,456.05	1/2	1,098.15	1/2	756.50	1/2	405.37	1/2	55.40	1/2		1/2		1/2		1/2	
3/4	1,803.44	3/4	1,448.57	3/4	1,091.01	3/4	749.38	3/4	397.91	3/4	49.82	3/4		3/4		3/4		3/4	
3	1,795.96	3	1,441.09	3	1,083.87	3	742.25	3	390.44	3	44.24	3		3		3		3	
1/4	1,788.48	1/4	1,433.62	1/4	1,076.74	1/4	735.13	1/4	382.98	1/4	38.66	1/4		1/4		1/4		1/4	
1/2	1,781.01	1/2	1,426.14	1/2	1,069.60	1/2	728.01	1/2	375.52	1/2	33.07	1/2		1/2		1/2		1/2	
3/4	1,773.53	3/4	1,418.66	3/4	1,062.48	3/4	720.62	3/4	368.05	3/4	28.96	3/4		3/4		3/4		3/4	
4	1,766.05	4	1,411.19	4	1,055.35	4	713.23	4	360.58	4	24.85	4		4		4		4	
1/4	1,758.58	1/4	1,403.71	1/4	1,048.22	1/4	705.84	1/4	353.11	1/4	20.74	1/4		1/4		1/4		1/4	
1/2	1,751.10	1/2	1,396.23	1/2	1,041.10	1/2	698.45	1/2	345.65	1/2	16.62	1/2		1/2		1/2		1/2	
3/4	1,743.75	3/4	1,388.75	3/4	1,033.98	3/4	691.13	3/4	338.18	3/4		3/4		3/4		3/4		3/4	
5	1,736.40	5	1,381.28	5	1,026.86	5	683.81	5	330.71	5		5		5		5		5	
1/4	1,729.05	1/4	1,373.80	1/4	1,019.74	1/4	676.48	1/4	323.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,721.70	1/2	1,366.32	1/2	1,012.62	1/2	669.16	1/2	315.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,714.39	3/4	1,358.85	3/4	1,005.50	3/4	661.89	3/4	308.16	3/4		3/4		3/4		3/4		3/4	
6	1,707.08	6	1,351.37	6	998.39	6	654.63	6	300.74	6		6		6		6		6	
1/4	1,699.77	1/4	1,343.89	1/4	991.27	1/4	647.36	1/4	293.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,692.46	1/2	1,336.42	1/2	984.15	1/2	640.09	1/2	285.90	1/2		1/2		1/2		1/2		1/2	
3/4	1,685.15	3/4	1,328.94	3/4	977.04	3/4	632.83	3/4	278.51	3/4		3/4		3/4		3/4		3/4	
7	1,677.84	7	1,321.46	7	969.92	7	625.56	7	271.12	7		7		7		7		7	
1/4	1,670.53	1/4	1,313.99	1/4	962.81	1/4	618.29	1/4	263.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,663.22	1/2	1,306.51	1/2	955.69	1/2	611.03	1/2	256.33	1/2		1/2		1/2		1/2		1/2	
3/4	1,655.91	3/4	1,299.03	3/4	948.57	3/4	603.76	3/4	249.04	3/4		3/4		3/4		3/4		3/4	
8	1,648.60	8	1,291.55	8	941.46	8	596.49	8	241.75	8		8		8		8		8	
1/4	1,641.29	1/4	1,284.08	1/4	934.34	1/4	589.23	1/4	234.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,633.98	1/2	1,276.60	1/2	927.23	1/2	581.96	1/2	227.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,626.67	3/4	1,269.12	3/4	920.11	3/4	574.70	3/4	219.90	3/4		3/4		3/4		3/4		3/4	
9	1,619.36	9	1,261.64	9	912.99	9	567.43	9	212.64	9		9		9		9		9	
1/4	1,612.05	1/4	1,254.17	1/4	905.88	1/4	560.16	1/4	205.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,604.74	1/2	1,246.69	1/2	898.76	1/2	552.90	1/2	198.11	1/2		1/2		1/2		1/2		1/2	
3/4	1,597.44	3/4	1,239.21	3/4	891.65	3/4	545.63	3/4	190.86	3/4		3/4		3/4		3/4		3/4	
10	1,590.13	10	1,231.74	10	884.53	10	538.37	10	183.60	10		10		10		10		10	
1/4	1,582.82	1/4	1,224.26	1/4	877.42	1/4	531.10	1/4	176.35	1/4		1/4		1/4		1/4		1/4	
1/2	1,575.51	1/2	1,216.78	1/2	870.31	1/2	523.83	1/2	169.09	1/2		1/2		1/2		1/2		1/2	
3/4	1,568.07	3/4	1,209.30	3/4	863.19	3/4	516.72	3/4	161.85	3/4		3/4		3/4		3/4		3/4	
11	1,560.64	11	1,201.83	11	856.08	11	509.40	11	154.61	11		11		11		11		11	
1/4	1,553.20	1/4	1,194.35	1/4	848.97	1/4	502.09	1/4	147.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,545.77	1/2	1,186.87	1/2	841.85	1/2	494.77	1/2	140.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,538.29	3/4	1,179.40	3/4	834.74	3/4	487.35	3/4	132.90	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/17/2012 CL - SW
CALCULATED: 04/17/2012 CL
PRINTED: 04/17/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

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



BARGE WEB 269"

2 STB ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0		0	5,130.09	0	4,772.85	0	4,414.69	0	4,056.53	0	3,697.68	0	3,338.73	0	2,979.78	0	2,620.82	0	2,261.87
1/4		1/4	5,122.73	1/4	4,765.38	1/4	4,407.23	1/4	4,049.07	1/4	3,690.20	1/4	3,331.25	1/4	2,972.30	1/4	2,613.34	1/4	2,254.39
1/2		1/2	5,115.36	1/2	4,757.92	1/2	4,399.77	1/2	4,041.61	1/2	3,682.73	1/2	3,323.77	1/2	2,964.82	1/2	2,605.87	1/2	2,246.91
3/4		3/4	5,107.99	3/4	4,750.46	3/4	4,392.30	3/4	4,034.15	3/4	3,675.25	3/4	3,316.29	3/4	2,957.34	3/4	2,597.39	3/4	2,239.43
1		1	5,100.61	1	4,743.00	1	4,384.84	1	4,026.69	1	3,667.77	1	3,308.82	1	2,949.86	1	2,590.91	1	2,231.96
1/4		1/4	5,093.23	1/4	4,735.54	1/4	4,377.38	1/4	4,019.22	1/4	3,660.29	1/4	3,301.34	1/4	2,942.38	1/4	2,583.43	1/4	2,224.48
1/2		1/2	5,085.85	1/2	4,728.08	1/2	4,369.92	1/2	4,011.76	1/2	3,652.81	1/2	3,293.86	1/2	2,934.91	1/2	2,575.95	1/2	2,217.00
3/4		3/4	5,078.47	3/4	4,720.61	3/4	4,362.46	3/4	4,004.29	3/4	3,645.33	3/4	3,286.38	3/4	2,927.43	3/4	2,568.47	3/4	2,209.52
2		2	5,071.08	2	4,713.15	2	4,355.00	2	3,996.81	2	3,637.86	2	3,278.90	2	2,919.95	2	2,561.00	2	2,202.04
1/4		1/4	5,063.70	1/4	4,705.69	1/4	4,347.53	1/4	3,989.33	1/4	3,630.38	1/4	3,271.42	1/4	2,912.47	1/4	2,553.52	1/4	2,194.56
1/2		1/2	5,056.31	1/2	4,698.23	1/2	4,340.07	1/2	3,981.85	1/2	3,622.90	1/2	3,263.95	1/2	2,904.99	1/2	2,546.04	1/2	2,187.09
3/4		3/4	5,048.87	3/4	4,690.77	3/4	4,332.61	3/4	3,974.38	3/4	3,615.42	3/4	3,256.47	3/4	2,897.51	3/4	2,538.56	3/4	2,179.61
3		3	5,041.43	3	4,683.31	3	4,325.15	3	3,966.90	3	3,607.94	3	3,248.99	3	2,890.04	3	2,531.08	3	2,172.13
1/4		1/4	5,033.98	1/4	4,675.84	1/4	4,317.69	1/4	3,959.42	1/4	3,600.47	1/4	3,241.51	1/4	2,882.56	1/4	2,523.60	1/4	2,164.65
1/2		1/2	5,026.54	1/2	4,668.38	1/2	4,310.23	1/2	3,951.94	1/2	3,592.99	1/2	3,234.03	1/2	2,875.08	1/2	2,516.13	1/2	2,157.17
3/4		3/4	5,019.08	3/4	4,660.92	3/4	4,302.76	3/4	3,944.46	3/4	3,585.51	3/4	3,226.56	3/4	2,867.60	3/4	2,508.65	3/4	2,149.70
4		4	5,011.62	4	4,653.46	4	4,295.30	4	3,936.98	4	3,578.03	4	3,219.08	4	2,860.12	4	2,501.17	4	2,142.22
1/4		1/4	5,004.16	1/4	4,646.00	1/4	4,287.84	1/4	3,929.51	1/4	3,570.55	1/4	3,211.60	1/4	2,852.65	1/4	2,493.69	1/4	2,134.74
1/2		1/2	4,996.69	1/2	4,638.54	1/2	4,280.38	1/2	3,922.03	1/2	3,563.07	1/2	3,204.12	1/2	2,845.17	1/2	2,486.21	1/2	2,127.27
3/4		3/4	4,989.23	3/4	4,631.08	3/4	4,272.92	3/4	3,914.55	3/4	3,555.60	3/4	3,196.64	3/4	2,837.69	3/4	2,478.74	3/4	2,119.79
5		5	4,981.77	5	4,623.61	5	4,265.46	5	3,907.07	5	3,548.12	5	3,189.16	5	2,830.21	5	2,471.26	5	2,112.32
1/4		1/4	4,974.31	1/4	4,616.15	1/4	4,258.00	1/4	3,899.59	1/4	3,540.64	1/4	3,181.69	1/4	2,822.73	1/4	2,463.78	1/4	2,104.85
1/2	5,291.06	1/2	4,966.85	1/2	4,608.69	1/2	4,250.53	1/2	3,892.12	1/2	3,533.16	1/2	3,174.21	1/2	2,815.25	1/2	2,456.30	1/2	2,097.37
3/4	5,287.14	3/4	4,959.39	3/4	4,601.23	3/4	4,243.07	3/4	3,884.64	3/4	3,525.68	3/4	3,166.73	3/4	2,807.78	3/4	2,448.82	3/4	2,089.90
6	5,283.23	6	4,951.92	6	4,593.77	6	4,235.61	6	3,877.16	6	3,518.21	6	3,159.25	6	2,800.30	6	2,441.34	6	2,082.42
1/4	5,279.31	1/4	4,944.46	1/4	4,586.31	1/4	4,228.15	1/4	3,869.68	1/4	3,510.73	1/4	3,151.77	1/4	2,792.82	1/4	2,433.87	1/4	2,074.95
1/2	5,275.40	1/2	4,937.00	1/2	4,578.84	1/2	4,220.69	1/2	3,862.20	1/2	3,503.25	1/2	3,144.30	1/2	2,785.34	1/2	2,426.39	1/2	2,067.48
3/4	5,270.41	3/4	4,929.54	3/4	4,571.38	3/4	4,213.23	3/4	3,854.72	3/4	3,495.77	3/4	3,136.82	3/4	2,777.86	3/4	2,418.91	3/4	2,060.00
7	5,265.43	7	4,922.08	7	4,563.92	7	4,205.76	7	3,847.25	7	3,488.29	7	3,129.34	7	2,770.39	7	2,411.43	7	2,052.52
1/4	5,260.44	1/4	4,914.62	1/4	4,556.46	1/4	4,198.30	1/4	3,839.77	1/4	3,480.81	1/4	3,121.86	1/4	2,762.91	1/4	2,403.95	1/4	2,045.04
1/2	5,255.46	1/2	4,907.15	1/2	4,549.00	1/2	4,190.84	1/2	3,832.29	1/2	3,473.34	1/2	3,114.38	1/2	2,755.43	1/2	2,396.48	1/2	2,037.56
3/4	5,249.41	3/4	4,899.69	3/4	4,541.54	3/4	4,183.38	3/4	3,824.81	3/4	3,465.86	3/4	3,106.90	3/4	2,747.95	3/4	2,389.00	3/4	2,030.08
8	5,243.36	8	4,892.23	8	4,534.07	8	4,175.92	8	3,817.33	8	3,458.38	8	3,099.43	8	2,740.47	8	2,381.52	8	2,022.61
1/4	5,237.30	1/4	4,884.77	1/4	4,526.61	1/4	4,168.46	1/4	3,809.86	1/4	3,450.90	1/4	3,091.95	1/4	2,732.99	1/4	2,374.04	1/4	2,015.13
1/2	5,231.25	1/2	4,877.31	1/2	4,519.15	1/2	4,160.99	1/2	3,802.38	1/2	3,443.42	1/2	3,084.47	1/2	2,725.52	1/2	2,366.56	1/2	2,007.65
3/4	5,224.28	3/4	4,869.85	3/4	4,511.69	3/4	4,153.53	3/4	3,794.90	3/4	3,435.95	3/4	3,076.99	3/4	2,718.04	3/4	2,359.08	3/4	2,000.17
9	5,217.30	9	4,862.38	9	4,504.23	9	4,146.07	9	3,787.42	9	3,428.47	9	3,069.51	9	2,710.56	9	2,351.61	9	1,992.69
1/4	5,210.32	1/4	4,854.92	1/4	4,496.77	1/4	4,138.61	1/4	3,779.94	1/4	3,420.99	1/4	3,062.04	1/4	2,703.08	1/4	2,344.13	1/4	1,985.22
1/2	5,203.35	1/2	4,847.46	1/2	4,489.30	1/2	4,131.15	1/2	3,772.46	1/2	3,413.51	1/2	3,054.56	1/2	2,695.60	1/2	2,336.65	1/2	1,977.74
3/4	5,196.06	3/4	4,840.00	3/4	4,481.84	3/4	4,123.69	3/4	3,764.99	3/4	3,406.03	3/4	3,047.08	3/4	2,688.13	3/4	2,329.17	3/4	1,970.26
10	5,188.77	10	4,832.54	10	4,474.38	10	4,116.22	10	3,757.51	10	3,398.55	10	3,039.60	10	2,680.65	10	2,321.69	10	1,962.78
1/4	5,181.48	1/4	4,825.08	1/4	4,466.92	1/4	4,108.76	1/4	3,750.03	1/4	3,391.08	1/4	3,032.12	1/4	2,673.17	1/4	2,314.22	1/4	1,955.30
1/2	5,174.19	1/2	4,817.62	1/2	4,459.46	1/2	4,101.30	1/2	3,742.55	1/2	3,383.60	1/2	3,024.64	1/2	2,665.69	1/2	2,306.74	1/2	1,947.82
3/4	5,166.85	3/4	4,810.15	3/4	4,452.00	3/4	4,093.84	3/4	3,735.07	3/4	3,376.12	3/4	3,017.17	3/4	2,658.21	3/4	2,299.26	3/4	1,940.35
11	5,159.50	11	4,802.69	11	4,444.54	11	4,086.38	11	3,727.60	11	3,368.64	11	3,009.69	11	2,650.73	11	2,291.78	11	1,932.87
1/4	5,152.16	1/4	4,795.23	1/4	4,437.07	1/4	4,078.92	1/4	3,720.12	1/4	3,361.16	1/4	3,002.21	1/4	2,643.26	1/4	2,284.30	1/4	1,925.39
1/2	5,144.82	1/2	4,787.77	1/2	4,429.61	1/2	4,071.46	1/2	3,712.64	1/2	3,353.69	1/2	2,994.73	1/2	2,635.78	1/2	2,276.82	1/2	1,917.91
3/4	5,137.45	3/4	4,780.31	3/4	4,422.15	3/4	4,063.99	3/4	3,705.16	3/4	3,346.21	3/4	2,987.25	3/4	2,628.30	3/4	2,269.35	3/4	1,910.43

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 46'-03" FORWARD OF AFT BULKHEAD.

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



BARGL WEB 269"

2 STB. ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,902.96	0	1,547.97	0	1,190.87	0	832.84	0	480.06	0	125.70	0		0		0		0	
1/4	1,895.48	1/4	1,540.51	1/4	1,183.39	1/4	825.39	1/4	472.64	1/4	118.48	1/4		1/4		1/4		1/4	
1/2	1,888.00	1/2	1,533.05	1/2	1,175.91	1/2	817.94	1/2	465.22	1/2	111.25	1/2		1/2		1/2		1/2	
3/4	1,880.52	3/4	1,525.57	3/4	1,168.43	3/4	810.49	3/4	457.75	3/4	104.06	3/4		3/4		3/4		3/4	
1	1,873.04	1	1,518.09	1	1,160.96	1	803.05	1	450.28	1	96.86	1		1		1		1	
1/4	1,865.56	1/4	1,510.61	1/4	1,153.48	1/4	795.60	1/4	442.81	1/4	89.67	1/4		1/4		1/4		1/4	
1/2	1,858.09	1/2	1,503.14	1/2	1,146.00	1/2	788.15	1/2	435.34	1/2	82.47	1/2		1/2		1/2		1/2	
3/4	1,850.61	3/4	1,495.66	3/4	1,138.52	3/4	780.70	3/4	427.87	3/4	75.71	3/4		3/4		3/4		3/4	
2	1,843.13	2	1,488.18	2	1,131.04	2	773.26	2	420.40	2	68.94	2		2		2		2	
1/4	1,835.65	1/4	1,480.70	1/4	1,123.56	1/4	765.81	1/4	412.94	1/4	62.18	1/4		1/4		1/4		1/4	
1/2	1,828.17	1/2	1,473.22	1/2	1,116.08	1/2	758.36	1/2	405.47	1/2	55.41	1/2		1/2		1/2		1/2	
3/4	1,820.70	3/4	1,465.74	3/4	1,108.61	3/4	750.90	3/4	398.01	3/4	49.83	3/4		3/4		3/4		3/4	
3	1,813.22	3	1,458.26	3	1,101.14	3	743.44	3	390.54	3	44.25	3		3		3		3	
1/4	1,805.74	1/4	1,450.78	1/4	1,093.67	1/4	735.98	1/4	383.08	1/4	38.66	1/4		1/4		1/4		1/4	
1/2	1,798.26	1/2	1,443.31	1/2	1,086.20	1/2	728.53	1/2	375.61	1/2	33.08	1/2		1/2		1/2		1/2	
3/4	1,790.78	3/4	1,435.83	3/4	1,078.74	3/4	721.05	3/4	368.14	3/4	28.97	3/4		3/4		3/4		3/4	
4	1,783.30	4	1,428.35	4	1,071.28	4	713.58	4	360.67	4	24.85	4		4		4		4	
1/4	1,775.83	1/4	1,420.87	1/4	1,063.82	1/4	706.10	1/4	353.20	1/4	20.74	1/4		1/4		1/4		1/4	
1/2	1,768.35	1/2	1,413.39	1/2	1,056.36	1/2	698.63	1/2	345.73	1/2	16.63	1/2		1/2		1/2		1/2	
3/4	1,760.93	3/4	1,405.96	3/4	1,048.90	3/4	691.30	3/4	338.26	3/4		3/4		3/4		3/4		3/4	
5	1,753.52	5	1,398.52	5	1,041.45	5	683.98	5	330.79	5		5		5		5		5	
1/4	1,746.10	1/4	1,391.09	1/4	1,033.99	1/4	676.66	1/4	323.32	1/4		1/4		1/4		1/4		1/4	
1/2	1,738.69	1/2	1,383.65	1/2	1,026.54	1/2	669.33	1/2	315.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,731.35	3/4	1,376.27	3/4	1,019.08	3/4	662.06	3/4	308.23	3/4		3/4		3/4		3/4		3/4	
6	1,724.02	6	1,368.89	6	1,011.63	6	654.79	6	300.81	6		6		6		6		6	
1/4	1,716.69	1/4	1,361.52	1/4	1,004.18	1/4	647.52	1/4	293.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,709.36	1/2	1,354.14	1/2	996.73	1/2	640.26	1/2	285.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,702.05	3/4	1,346.78	3/4	989.28	3/4	632.99	3/4	278.58	3/4		3/4		3/4		3/4		3/4	
7	1,694.74	7	1,339.41	7	981.83	7	625.72	7	271.19	7		7		7		7		7	
1/4	1,687.42	1/4	1,332.05	1/4	974.38	1/4	618.45	1/4	263.79	1/4		1/4		1/4		1/4		1/4	
1/2	1,680.11	1/2	1,324.69	1/2	966.93	1/2	611.18	1/2	256.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,672.80	3/4	1,317.32	3/4	959.47	3/4	603.92	3/4	249.10	3/4		3/4		3/4		3/4		3/4	
8	1,665.49	8	1,309.96	8	952.02	8	596.65	8	241.81	8		8		8		8		8	
1/4	1,658.18	1/4	1,302.60	1/4	944.57	1/4	589.38	1/4	234.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,650.87	1/2	1,295.23	1/2	937.12	1/2	582.11	1/2	227.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,643.56	3/4	1,287.83	3/4	929.67	3/4	574.84	3/4	219.96	3/4		3/4		3/4		3/4		3/4	
9	1,636.24	9	1,280.42	9	922.22	9	567.58	9	212.69	9		9		9		9		9	
1/4	1,628.93	1/4	1,273.01	1/4	914.77	1/4	560.31	1/4	205.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,621.62	1/2	1,265.60	1/2	907.32	1/2	553.04	1/2	198.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,614.31	3/4	1,258.14	3/4	899.87	3/4	545.77	3/4	190.91	3/4		3/4		3/4		3/4		3/4	
10	1,607.00	10	1,250.68	10	892.42	10	538.50	10	183.65	10		10		10		10		10	
1/4	1,599.69	1/4	1,243.21	1/4	884.97	1/4	531.24	1/4	176.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,592.38	1/2	1,235.75	1/2	877.52	1/2	523.97	1/2	169.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,585.00	3/4	1,228.27	3/4	870.08	3/4	516.85	3/4	161.89	3/4		3/4		3/4		3/4		3/4	
11	1,577.63	11	1,220.79	11	862.63	11	509.63	11	154.65	11		11		11		11		11	
1/4	1,570.25	1/4	1,213.31	1/4	855.18	1/4	502.21	1/4	147.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,562.88	1/2	1,205.83	1/2	847.73	1/2	494.90	1/2	140.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,555.42	3/4	1,198.35	3/4	840.29	3/4	487.48	3/4	132.93	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/17/2012 CL - SW
CALCULATED: 04/17/2012 CL
PRINTED: 04/17/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

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



BARGE WEB 269"

3 POR.

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 58'-06" FORWARD OF AFT BULKHEAD.

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



BARGE WEB 269"

3 POK. ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	1,867.52	0	1,515.61	0	1,159.25	0	816.76	0	469.37	0	117.78	0		0		0		0	
1/4	1,860.16	1/4	1,508.19	1/4	1,151.83	1/4	809.64	1/4	462.01	1/4	110.60	1/4		1/4		1/4		1/4	
1/2	1,852.79	1/2	1,500.77	1/2	1,144.61	1/2	802.53	1/2	454.59	1/2	103.46	1/2		1/2		1/2		1/2	
3/4	1,845.42	3/4	1,493.34	3/4	1,137.40	3/4	795.42	3/4	447.17	3/4	96.32	3/4		3/4		3/4		3/4	
1	1,838.05	1	1,485.92	1	1,130.18	1	788.30	1	439.75	1	89.17	1		1		1		1	
1/4	1,830.68	1/4	1,478.49	1/4	1,122.97	1/4	781.19	1/4	432.33	1/4	82.03	1/4		1/4		1/4		1/4	
1/2	1,823.29	1/2	1,471.07	1/2	1,115.82	1/2	774.09	1/2	424.91	1/2	75.30	1/2		1/2		1/2		1/2	
3/4	1,815.91	3/4	1,463.65	3/4	1,108.68	3/4	766.98	3/4	417.50	3/4	68.58	3/4		3/4		3/4		3/4	
2	1,808.52	2	1,456.22	2	1,101.54	2	759.88	2	410.08	2	61.85	2		2		2		2	
1/4	1,801.13	1/4	1,448.80	1/4	1,094.39	1/4	752.77	1/4	402.67	1/4	55.13	1/4		1/4		1/4		1/4	
1/2	1,793.71	1/2	1,441.37	1/2	1,087.26	1/2	745.45	1/2	395.25	1/2	49.57	1/2		1/2		1/2		1/2	
3/4	1,786.30	3/4	1,433.95	3/4	1,080.12	3/4	738.12	3/4	387.84	3/4	44.02	3/4		3/4		3/4		3/4	
3	1,778.88	3	1,426.53	3	1,072.98	3	730.80	3	380.42	3	38.47	3		3		3		3	
1/4	1,771.47	1/4	1,419.10	1/4	1,065.85	1/4	723.47	1/4	373.01	1/4	32.91	1/4		1/4		1/4		1/4	
1/2	1,764.17	1/2	1,411.68	1/2	1,058.72	1/2	716.05	1/2	365.59	1/2	28.82	1/2		1/2		1/2		1/2	
3/4	1,756.87	3/4	1,404.25	3/4	1,051.60	3/4	708.63	3/4	358.17	3/4	24.73	3/4		3/4		3/4		3/4	
4	1,749.56	4	1,396.83	4	1,044.47	4	701.21	4	350.75	4	20.64	4		4		4		4	
1/4	1,742.26	1/4	1,389.40	1/4	1,037.34	1/4	693.79	1/4	343.34	1/4	16.54	1/4		1/4		1/4		1/4	
1/2	1,735.00	1/2	1,381.98	1/2	1,030.22	1/2	686.52	1/2	335.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,727.75	3/4	1,374.56	3/4	1,023.10	3/4	679.24	3/4	328.50	3/4		3/4		3/4		3/4		3/4	
5	1,720.49	5	1,367.13	5	1,015.98	5	671.97	5	321.08	5		5		5		5		5	
1/4	1,713.23	1/4	1,359.71	1/4	1,008.86	1/4	664.70	1/4	313.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,705.97	1/2	1,352.28	1/2	1,001.75	1/2	657.48	1/2	306.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,698.71	3/4	1,344.86	3/4	994.63	3/4	650.26	3/4	298.73	3/4		3/4		3/4		3/4		3/4	
6	1,691.46	6	1,337.44	6	987.51	6	643.04	6	291.37	6		6		6		6		6	
1/4	1,684.20	1/4	1,330.01	1/4	980.40	1/4	635.83	1/4	284.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,676.93	1/2	1,322.59	1/2	973.28	1/2	628.61	1/2	276.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,669.67	3/4	1,315.16	3/4	966.16	3/4	621.39	3/4	269.33	3/4		3/4		3/4		3/4		3/4	
7	1,662.41	7	1,307.74	7	959.05	7	614.17	7	261.99	7		7		7		7		7	
1/4	1,655.15	1/4	1,300.31	1/4	951.93	1/4	606.96	1/4	254.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,647.86	1/2	1,292.89	1/2	944.82	1/2	599.74	1/2	247.41	1/2		1/2		1/2		1/2		1/2	
3/4	1,640.62	3/4	1,285.47	3/4	937.70	3/4	592.52	3/4	240.17	3/4		3/4		3/4		3/4		3/4	
8	1,633.35	8	1,278.04	8	930.58	8	585.30	8	232.94	8		8		8		8		8	
1/4	1,626.09	1/4	1,270.62	1/4	923.47	1/4	578.09	1/4	225.70	1/4		1/4		1/4		1/4		1/4	
1/2	1,618.82	1/2	1,263.19	1/2	916.35	1/2	570.87	1/2	218.49	1/2		1/2		1/2		1/2		1/2	
3/4	1,611.56	3/4	1,255.77	3/4	909.24	3/4	563.65	3/4	211.28	3/4		3/4		3/4		3/4		3/4	
9	1,604.30	9	1,248.34	9	902.12	9	556.44	9	204.07	9		9		9		9		9	
1/4	1,597.03	1/4	1,240.92	1/4	895.00	1/4	549.22	1/4	196.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,589.66	1/2	1,233.49	1/2	887.89	1/2	542.00	1/2	189.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,582.28	3/4	1,226.07	3/4	880.78	3/4	534.78	3/4	182.45	3/4		3/4		3/4		3/4		3/4	
10	1,574.90	10	1,218.65	10	873.66	10	527.57	10	175.25	10		10		10		10		10	
1/4	1,567.53	1/4	1,211.22	1/4	866.55	1/4	520.35	1/4	168.05	1/4		1/4		1/4		1/4		1/4	
1/2	1,560.11	1/2	1,203.80	1/2	859.43	1/2	513.28	1/2	160.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,552.70	3/4	1,196.37	3/4	852.32	3/4	506.02	3/4	153.67	3/4		3/4		3/4		3/4		3/4	
11	1,545.29	11	1,188.95	11	845.21	11	498.75	11	146.48	11		11		11		11		11	
1/4	1,537.88	1/4	1,181.52	1/4	838.10	1/4	491.48	1/4	139.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,530.45	1/2	1,174.10	1/2	830.98	1/2	484.11	1/2	132.12	1/2		1/2		1/2		1/2		1/2	
3/4	1,523.03	3/4	1,166.68	3/4	823.87	3/4	476.74	3/4	124.95	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/17/2012 CL - SW
CALCULATED: 04/17/2012 CL
PRINTED: 04/17/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

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



BARGE WEB 269"

3 STBL ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0		0	4,292.33	0	4,156.15	0	4,019.95	0	3,883.76	0	3,651.57	0	3,295.65	0	2,939.59	0	2,583.66	0	2,228.01
1/4		1/4	4,289.49	1/4	4,153.31	1/4	4,017.12	1/4	3,880.92	1/4	3,644.17	1/4	3,288.23	1/4	2,932.18	1/4	2,576.24	1/4	2,220.59
1/2		1/2	4,286.66	1/2	4,150.48	1/2	4,014.28	1/2	3,878.08	1/2	3,636.77	1/2	3,280.82	1/2	2,924.76	1/2	2,568.83	1/2	2,213.18
3/4		3/4	4,283.83	3/4	4,147.64	3/4	4,011.44	3/4	3,875.25	3/4	3,629.38	3/4	3,273.40	3/4	2,917.35	3/4	2,561.41	3/4	2,205.77
1		1	4,280.99	1	4,144.80	1	4,008.61	1	3,872.41	1	3,621.98	1	3,265.98	1	2,909.93	1	2,554.00	1	2,198.36
1/4		1/4	4,278.16	1/4	4,141.96	1/4	4,005.77	1/4	3,869.57	1/4	3,614.57	1/4	3,258.56	1/4	2,902.52	1/4	2,546.59	1/4	2,190.94
1/2		1/2	4,275.32	1/2	4,139.13	1/2	4,002.93	1/2	3,866.74	1/2	3,607.16	1/2	3,251.14	1/2	2,895.11	1/2	2,539.17	1/2	2,183.53
3/4		3/4	4,272.49	3/4	4,136.29	3/4	4,000.09	3/4	3,863.90	3/4	3,599.75	3/4	3,243.73	3/4	2,887.69	3/4	2,531.76	3/4	2,176.12
2		2	4,269.65	2	4,133.45	2	3,997.26	2	3,861.06	2	3,592.35	2	3,236.31	2	2,880.28	2	2,524.35	2	2,168.70
1/4		1/4	4,266.81	1/4	4,130.61	1/4	3,994.42	1/4	3,858.22	1/4	3,584.93	1/4	3,228.89	1/4	2,872.87	1/4	2,516.93	1/4	2,161.32
1/2		1/2	4,263.97	1/2	4,127.78	1/2	3,991.58	1/2	3,855.39	1/2	3,577.52	1/2	3,221.47	1/2	2,865.45	1/2	2,509.52	1/2	2,153.94
3/4		3/4	4,261.13	3/4	4,124.94	3/4	3,988.74	3/4	3,852.55	3/4	3,570.11	3/4	3,214.05	3/4	2,858.04	3/4	2,502.11	3/4	2,146.56
3		3	4,258.30	3	4,122.10	3	3,985.91	3	3,849.71	3	3,562.69	3	3,206.64	3	2,850.63	3	2,494.69	3	2,139.18
1/4		1/4	4,255.46	1/4	4,119.26	1/4	3,983.07	1/4	3,846.63	1/4	3,555.27	1/4	3,199.22	1/4	2,843.21	1/4	2,487.28	1/4	2,131.81
1/2		1/2	4,252.62	1/2	4,116.43	1/2	3,980.23	1/2	3,843.54	1/2	3,547.86	1/2	3,191.80	1/2	2,835.80	1/2	2,479.87	1/2	2,124.44
3/4		3/4	4,249.78	3/4	4,113.59	3/4	3,977.39	3/4	3,840.46	3/4	3,540.44	3/4	3,184.38	3/4	2,828.39	3/4	2,472.45	3/4	2,117.07
4		4	4,246.95	4	4,110.75	4	3,974.56	4	3,837.38	4	3,533.02	4	3,176.97	4	2,820.97	4	2,465.04	4	2,109.70
1/4		1/4	4,244.11	1/4	4,107.91	1/4	3,971.72	1/4	3,833.72	1/4	3,525.60	1/4	3,169.55	1/4	2,813.56	1/4	2,457.63	1/4	2,102.34
1/2		1/2	4,241.27	1/2	4,105.08	1/2	3,968.88	1/2	3,830.06	1/2	3,518.19	1/2	3,162.13	1/2	2,806.15	1/2	2,450.22	1/2	2,094.97
3/4		3/4	4,238.43	3/4	4,102.24	3/4	3,966.04	3/4	3,826.40	3/4	3,510.77	3/4	3,154.71	3/4	2,798.73	3/4	2,442.81	3/4	2,087.61
5	4,359.94	5	4,235.60	5	4,099.40	5	3,963.21	5	3,822.74	5	3,503.35	5	3,147.29	5	2,791.32	5	2,435.40	5	2,080.24
1/4	4,356.42	1/4	4,232.76	1/4	4,096.56	1/4	3,960.37	1/4	3,818.43	1/4	3,495.93	1/4	3,139.88	1/4	2,783.91	1/4	2,427.99	1/4	2,072.87
1/2	4,356.91	1/2	4,229.92	1/2	4,093.73	1/2	3,957.53	1/2	3,814.12	1/2	3,488.52	1/2	3,132.46	1/2	2,776.49	1/2	2,420.58	1/2	2,065.51
3/4	4,355.39	3/4	4,227.08	3/4	4,090.89	3/4	3,954.69	3/4	3,809.80	3/4	3,481.10	3/4	3,125.04	3/4	2,769.08	3/4	2,413.17	3/4	2,058.14
6	4,353.87	6	4,224.25	6	4,088.05	6	3,951.86	6	3,805.49	6	3,473.68	6	3,117.62	6	2,761.67	6	2,405.76	6	2,050.77
1/4	4,351.94	1/4	4,221.41	1/4	4,085.21	1/4	3,949.02	1/4	3,800.52	1/4	3,466.26	1/4	3,110.20	1/4	2,754.25	1/4	2,398.35	1/4	2,043.40
1/2	4,350.02	1/2	4,218.57	1/2	4,082.38	1/2	3,946.18	1/2	3,795.55	1/2	3,458.85	1/2	3,102.79	1/2	2,746.84	1/2	2,390.94	1/2	2,036.03
3/4	4,348.09	3/4	4,215.74	3/4	4,079.54	3/4	3,943.34	3/4	3,790.58	3/4	3,451.43	3/4	3,095.37	3/4	2,739.43	3/4	2,383.53	3/4	2,028.66
7	4,346.17	7	4,212.90	7	4,076.70	7	3,940.51	7	3,785.60	7	3,444.01	7	3,087.95	7	2,732.01	7	2,376.12	7	2,021.29
1/4	4,343.84	1/4	4,210.06	1/4	4,073.87	1/4	3,937.67	1/4	3,779.98	1/4	3,436.59	1/4	3,080.53	1/4	2,724.60	1/4	2,368.71	1/4	2,013.92
1/2	4,341.51	1/2	4,207.22	1/2	4,071.03	1/2	3,934.83	1/2	3,774.35	1/2	3,429.17	1/2	3,073.11	1/2	2,717.19	1/2	2,361.30	1/2	2,006.55
3/4	4,339.18	3/4	4,204.39	3/4	4,068.19	3/4	3,932.00	3/4	3,768.72	3/4	3,421.76	3/4	3,065.70	3/4	2,709.77	3/4	2,353.88	3/4	1,999.18
8	4,336.85	8	4,201.55	8	4,065.35	8	3,929.16	8	3,763.10	8	3,414.34	8	3,058.28	8	2,702.36	8	2,346.47	8	1,991.81
1/4	4,334.16	1/4	4,198.71	1/4	4,062.52	1/4	3,926.32	1/4	3,756.81	1/4	3,406.92	1/4	3,050.86	1/4	2,694.94	1/4	2,339.07	1/4	1,984.44
1/2	4,331.48	1/2	4,195.87	1/2	4,059.68	1/2	3,923.48	1/2	3,750.53	1/2	3,399.50	1/2	3,043.44	1/2	2,687.53	1/2	2,331.66	1/2	1,977.07
3/4	4,328.80	3/4	4,193.04	3/4	4,056.84	3/4	3,920.65	3/4	3,744.25	3/4	3,392.08	3/4	3,036.03	3/4	2,680.11	3/4	2,324.26	3/4	1,969.70
9	4,326.12	9	4,190.20	9	4,054.00	9	3,917.81	9	3,737.96	9	3,384.67	9	3,028.61	9	2,672.69	9	2,316.85	9	1,962.33
1/4	4,323.32	1/4	4,187.36	1/4	4,051.17	1/4	3,914.97	1/4	3,731.04	1/4	3,377.25	1/4	3,021.19	1/4	2,665.27	1/4	2,309.46	1/4	1,954.96
1/2	4,320.52	1/2	4,184.52	1/2	4,048.33	1/2	3,912.13	1/2	3,724.11	1/2	3,369.83	1/2	3,013.77	1/2	2,657.85	1/2	2,302.06	1/2	1,947.59
3/4	4,317.72	3/4	4,181.69	3/4	4,045.49	3/4	3,909.30	3/4	3,717.19	3/4	3,362.41	3/4	3,006.35	3/4	2,650.43	3/4	2,294.66	3/4	1,940.22
10	4,314.92	10	4,178.85	10	4,042.65	10	3,906.46	10	3,710.26	10	3,354.99	10	2,998.94	10	2,643.01	10	2,287.26	10	1,932.84
1/4	4,312.10	1/4	4,176.01	1/4	4,039.82	1/4	3,903.62	1/4	3,702.97	1/4	3,347.58	1/4	2,991.52	1/4	2,635.59	1/4	2,279.86	1/4	1,925.47
1/2	4,309.28	1/2	4,173.17	1/2	4,036.98	1/2	3,900.78	1/2	3,695.68	1/2	3,340.16	1/2	2,984.10	1/2	2,628.17	1/2	2,272.45	1/2	1,918.10
3/4	4,306.46	3/4	4,170.34	3/4	4,034.14	3/4	3,897.95	3/4	3,688.38	3/4	3,332.74	3/4	2,976.68	3/4	2,620.75	3/4	2,265.05	3/4	1,910.73
11	4,303.64	11	4,167.50	11	4,031.30	11	3,895.11	11	3,681.09	11	3,325.32	11	2,969.26	11	2,613.34	11	2,257.64	11	1,903.36
1/4	4,300.81	1/4	4,164.66	1/4	4,028.47	1/4	3,892.27	1/4	3,673.71	1/4	3,317.91	1/4	2,961.85	1/4	2,605.92	1/4	2,250.23	1/4	1,895.99
1/2	4,297.98	1/2	4,161.82	1/2	4,025.63	1/2	3,889.43	1/2	3,666.33	1/2	3,310.49	1/2	2,954.43	1/2	2,598.50	1/2	2,242.83	1/2	1,888.62
3/4	4,295.16	3/4	4,158.99	3/4	4,022.79	3/4	3,886.60	3/4	3,658.95	3/4	3,303.07	3/4	2,947.01	3/4	2,591.08	3/4	2,235.42	3/4	1,881.25

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.
GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 68'-06" FORWARD OF AFT BULKHEAD.

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



BARGL WEB 269"

3 STB. ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,873.88	0	1,522.49	0	1,166.74	0	811.51	0	461.59	0	110.51	0		0		0		0	
1/4	1,866.51	1/4	1,515.07	1/4	1,159.31	1/4	804.12	1/4	454.18	1/4	103.37	1/4		1/4		1/4		1/4	
1/2	1,859.14	1/2	1,507.65	1/2	1,151.89	1/2	796.73	1/2	446.77	1/2	96.23	1/2		1/2		1/2		1/2	
3/4	1,851.77	3/4	1,500.22	3/4	1,144.47	3/4	789.34	3/4	439.35	3/4	89.10	3/4		3/4		3/4		3/4	
1	1,844.40	1	1,492.80	1	1,137.05	1	781.95	1	431.94	1	81.96	1		1		1		1	
1/4	1,837.03	1/4	1,485.38	1/4	1,129.63	1/4	774.56	1/4	424.53	1/4	75.24	1/4		1/4		1/4		1/4	
1/2	1,829.66	1/2	1,477.96	1/2	1,122.20	1/2	767.17	1/2	417.12	1/2	68.52	1/2		1/2		1/2		1/2	
3/4	1,822.29	3/4	1,470.54	3/4	1,114.78	3/4	759.78	3/4	409.71	3/4	61.80	3/4		3/4		3/4		3/4	
2	1,814.92	2	1,463.12	2	1,107.36	2	752.39	2	402.30	2	55.08	2		2		2		2	
1/4	1,807.54	1/4	1,455.70	1/4	1,099.95	1/4	744.99	1/4	394.89	1/4	49.53	1/4		1/4		1/4		1/4	
1/2	1,800.17	1/2	1,448.28	1/2	1,092.53	1/2	737.60	1/2	387.49	1/2	43.98	1/2		1/2		1/2		1/2	
3/4	1,792.80	3/4	1,440.86	3/4	1,085.12	3/4	730.20	3/4	380.08	3/4	38.43	3/4		3/4		3/4		3/4	
3	1,785.43	3	1,433.44	3	1,077.71	3	722.81	3	372.67	3	32.88	3		3		3		3	
1/4	1,778.06	1/4	1,426.01	1/4	1,070.30	1/4	715.40	1/4	365.26	1/4	28.80	1/4		1/4		1/4		1/4	
1/2	1,770.69	1/2	1,418.59	1/2	1,062.90	1/2	707.99	1/2	357.85	1/2	24.71	1/2		1/2		1/2		1/2	
3/4	1,763.32	3/4	1,411.17	3/4	1,055.50	3/4	700.59	3/4	350.44	3/4	20.62	3/4		3/4		3/4		3/4	
4	1,755.95	4	1,403.75	4	1,048.09	4	693.18	4	343.03	4	16.53	4		4		4		4	
1/4	1,748.67	1/4	1,396.35	1/4	1,040.70	1/4	685.91	1/4	335.62	1/4		1/4		1/4		1/4		1/4	
1/2	1,741.38	1/2	1,388.95	1/2	1,033.30	1/2	678.65	1/2	328.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,734.10	3/4	1,381.55	3/4	1,025.90	3/4	671.38	3/4	320.79	3/4		3/4		3/4		3/4		3/4	
5	1,726.81	5	1,374.16	5	1,018.50	5	664.12	5	313.38	5		5		5		5		5	
1/4	1,719.55	1/4	1,366.76	1/4	1,011.11	1/4	656.91	1/4	305.82	1/4		1/4		1/4		1/4		1/4	
1/2	1,712.30	1/2	1,359.37	1/2	1,003.71	1/2	649.69	1/2	298.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,705.04	3/4	1,351.98	3/4	996.32	3/4	642.48	3/4	291.10	3/4		3/4		3/4		3/4		3/4	
6	1,697.79	6	1,344.59	6	988.92	6	635.27	6	283.74	6		6		6		6		6	
1/4	1,690.53	1/4	1,337.20	1/4	981.53	1/4	628.06	1/4	276.41	1/4		1/4		1/4		1/4		1/4	
1/2	1,683.27	1/2	1,329.81	1/2	974.14	1/2	620.85	1/2	269.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,676.02	3/4	1,322.41	3/4	966.74	3/4	613.64	3/4	261.74	3/4		3/4		3/4		3/4		3/4	
7	1,668.76	7	1,315.02	7	959.35	7	606.43	7	254.41	7		7		7		7		7	
1/4	1,661.51	1/4	1,307.63	1/4	951.96	1/4	599.21	1/4	247.18	1/4		1/4		1/4		1/4		1/4	
1/2	1,654.25	1/2	1,300.24	1/2	944.56	1/2	592.00	1/2	239.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,646.99	3/4	1,292.85	3/4	937.17	3/4	584.79	3/4	232.72	3/4		3/4		3/4		3/4		3/4	
8	1,639.74	8	1,285.45	8	929.78	8	577.58	8	225.49	8		8		8		8		8	
1/4	1,632.48	1/4	1,278.04	1/4	922.38	1/4	570.37	1/4	218.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,625.22	1/2	1,270.63	1/2	914.99	1/2	563.16	1/2	211.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,617.97	3/4	1,263.21	3/4	907.60	3/4	555.95	3/4	203.88	3/4		3/4		3/4		3/4		3/4	
9	1,610.71	9	1,255.80	9	900.20	9	548.73	9	196.68	9		9		9		9		9	
1/4	1,603.46	1/4	1,248.38	1/4	892.81	1/4	541.52	1/4	189.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,596.20	1/2	1,240.95	1/2	885.42	1/2	534.31	1/2	182.29	1/2		1/2		1/2		1/2		1/2	
3/4	1,588.94	3/4	1,233.53	3/4	878.03	3/4	527.10	3/4	175.09	3/4		3/4		3/4		3/4		3/4	
10	1,581.69	10	1,226.11	10	870.64	10	519.89	10	167.90	10		10		10		10		10	
1/4	1,574.31	1/4	1,218.69	1/4	863.25	1/4	512.83	1/4	160.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,566.93	1/2	1,211.27	1/2	855.86	1/2	505.67	1/2	153.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,559.55	3/4	1,203.84	3/4	848.46	3/4	498.31	3/4	146.35	3/4		3/4		3/4		3/4		3/4	
11	1,552.17	11	1,196.42	11	841.07	11	491.04	11	139.17	11		11		11		11		11	
1/4	1,544.75	1/4	1,189.00	1/4	833.68	1/4	483.68	1/4	132.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,537.33	1/2	1,181.58	1/2	826.29	1/2	476.32	1/2	124.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,529.91	3/4	1,174.16	3/4	818.90	3/4	468.96	3/4	117.67	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/17/2012 CL - SW
CALCULATED: 04/17/2012 CL
PRINTED: 04/17/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2012

PRECISION MEASUREMENT
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