



BARGE "WEB 270"

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

(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"

July 4, 2013

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE WEB 270"

1 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 3/4"

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	5,052.04	0	4,695.77	0	4,338.48	0	3,981.20	0	3,623.25	0	3,265.16	0	2,907.07	0	2,548.98	0	2,190.89	
1/4	1/4	5,044.70	1/4	4,688.33	1/4	4,331.04	1/4	3,973.75	1/4	3,615.79	1/4	3,257.70	1/4	2,899.61	1/4	2,541.52	1/4	2,183.43	
1/2	1/2	5,037.35	1/2	4,680.89	1/2	4,323.60	1/2	3,966.31	1/2	3,608.33	1/2	3,250.24	1/2	2,892.15	1/2	2,534.06	1/2	2,175.97	
3/4	3/4	5,030.01	3/4	4,673.44	3/4	4,316.15	3/4	3,958.87	3/4	3,600.87	3/4	3,242.78	3/4	2,884.69	3/4	2,526.60	3/4	2,168.51	
1	1	5,022.65	1	4,666.00	1	4,308.71	1	3,951.42	1	3,593.41	1	3,235.32	1	2,877.23	1	2,519.14	1	2,161.05	
1/4	1/4	5,015.29	1/4	4,658.56	1/4	4,301.27	1/4	3,943.98	1/4	3,585.95	1/4	3,227.86	1/4	2,869.77	1/4	2,511.68	1/4	2,153.59	
1/2	1/2	5,007.93	1/2	4,651.11	1/2	4,293.82	1/2	3,936.54	1/2	3,578.49	1/2	3,220.40	1/2	2,862.31	1/2	2,504.22	1/2	2,146.13	
3/4	3/4	5,000.57	3/4	4,643.67	3/4	4,286.36	3/4	3,929.09	3/4	3,571.02	3/4	3,212.94	3/4	2,854.85	3/4	2,496.76	3/4	2,138.67	
2	2	4,993.20	2	4,636.22	2	4,278.94	2	3,921.64	2	3,563.56	2	3,205.48	2	2,847.39	2	2,489.30	2	2,131.21	
1/4	1/4	4,985.84	1/4	4,628.78	1/4	4,271.49	1/4	3,914.18	1/4	3,556.10	1/4	3,198.01	1/4	2,839.93	1/4	2,481.84	1/4	2,123.75	
1/2	1/2	4,978.47	1/2	4,621.34	1/2	4,264.05	1/2	3,906.73	1/2	3,548.64	1/2	3,190.55	1/2	2,832.47	1/2	2,474.38	1/2	2,116.29	
3/4	3/4	4,971.11	3/4	4,613.89	3/4	4,256.61	3/4	3,899.27	3/4	3,541.18	3/4	3,183.09	3/4	2,825.00	3/4	2,466.92	3/4	2,108.83	
3	3	4,963.66	3	4,606.45	3	4,249.16	3	3,891.81	3	3,533.72	3	3,175.63	3	2,817.54	3	2,459.46	3	2,101.37	
1/4	1/4	4,956.26	1/4	4,599.01	1/4	4,241.72	1/4	3,884.35	1/4	3,526.26	1/4	3,168.17	1/4	2,810.08	1/4	2,451.99	1/4	2,093.91	
1/2	1/2	4,948.83	1/2	4,591.56	1/2	4,234.28	1/2	3,876.89	1/2	3,518.80	1/2	3,160.71	1/2	2,802.62	1/2	2,444.53	1/2	2,086.45	
3/4	3/4	4,941.41	3/4	4,584.12	3/4	4,226.83	3/4	3,869.43	3/4	3,511.34	3/4	3,153.25	3/4	2,795.16	3/4	2,437.07	3/4	2,078.98	
4	4	4,933.96	4	4,576.68	4	4,219.39	4	3,861.97	4	3,503.88	4	3,145.79	4	2,787.70	4	2,429.61	4	2,071.53	
1/4	1/4	4,926.52	1/4	4,569.23	1/4	4,211.95	1/4	3,854.51	1/4	3,496.42	1/4	3,138.33	1/4	2,780.24	1/4	2,422.15	1/4	2,064.07	
1/2	1/2	4,919.08	1/2	4,561.79	1/2	4,204.60	1/2	3,847.05	1/2	3,488.96	1/2	3,130.87	1/2	2,772.78	1/2	2,414.69	1/2	2,056.61	
3/4	3/4	4,911.63	3/4	4,554.35	3/4	4,197.06	3/4	3,839.59	3/4	3,481.50	3/4	3,123.41	3/4	2,765.32	3/4	2,407.23	3/4	2,049.15	
5	5	4,904.19	5	4,546.90	5	4,189.61	5	3,832.13	5	3,474.04	5	3,115.95	5	2,757.86	5	2,399.77	5	2,041.70	
1/4	1/4	4,896.75	1/4	4,539.46	1/4	4,182.17	1/4	3,824.67	1/4	3,466.58	1/4	3,108.49	1/4	2,750.40	1/4	2,392.31	1/4	2,034.24	
1/2	1/2	4,889.30	1/2	4,532.02	1/2	4,174.73	1/2	3,817.21	1/2	3,459.12	1/2	3,101.03	1/2	2,742.94	1/2	2,384.85	1/2	2,026.79	
3/4	5,205.26	4,881.86	3/4	4,524.57	3/4	4,167.28	3/4	3,809.75	3/4	3,451.66	3/4	3,093.57	3/4	2,735.48	3/4	2,377.39	3/4	2,019.33	
6	5,201.36	4,874.42	6	4,517.13	6	4,159.84	6	3,802.29	6	3,444.20	6	3,086.11	6	2,728.02	6	2,369.93	6	2,011.87	
1/4	5,197.45	4,866.97	1/4	4,509.69	1/4	4,152.40	1/4	3,794.83	1/4	3,436.74	1/4	3,078.65	1/4	2,720.56	1/4	2,362.47	1/4	2,004.42	
1/2	5,193.55	4,859.53	1/2	4,502.24	1/2	4,144.95	1/2	3,787.37	1/2	3,429.28	1/2	3,071.19	1/2	2,713.10	1/2	2,355.01	1/2	1,996.96	
3/4	5,189.64	4,852.09	3/4	4,494.80	3/4	4,137.51	3/4	3,779.91	3/4	3,421.82	3/4	3,063.73	3/4	2,705.64	3/4	2,347.55	3/4	1,989.50	
7	5,184.67	4,844.64	7	4,487.35	7	4,130.07	7	3,772.45	7	3,414.36	7	3,056.27	7	2,698.18	7	2,340.09	7	1,982.04	
1/4	5,179.70	4,837.20	1/4	4,479.91	1/4	4,122.62	1/4	3,764.99	1/4	3,406.90	1/4	3,048.81	1/4	2,690.72	1/4	2,332.63	1/4	1,974.59	
1/2	5,174.73	4,829.76	1/2	4,472.47	1/2	4,115.18	1/2	3,757.53	1/2	3,399.44	1/2	3,041.35	1/2	2,683.26	1/2	2,325.17	1/2	1,967.13	
3/4	5,169.76	4,822.31	3/4	4,465.02	3/4	4,107.74	3/4	3,750.07	3/4	3,391.98	3/4	3,033.89	3/4	2,675.80	3/4	2,317.71	3/4	1,959.67	
8	5,163.72	4,814.87	8	4,457.58	8	4,100.29	8	3,742.61	8	3,384.52	8	3,026.43	8	2,668.34	8	2,310.25	8	1,952.21	
1/4	5,157.69	4,807.43	1/4	4,450.14	1/4	4,092.85	1/4	3,735.15	1/4	3,377.06	1/4	3,018.97	1/4	2,660.88	1/4	2,302.79	1/4	1,944.75	
1/2	5,151.65	4,799.98	1/2	4,442.69	1/2	4,085.41	1/2	3,727.69	1/2	3,369.60	1/2	3,011.51	1/2	2,653.42	1/2	2,295.33	1/2	1,937.29	
3/4	5,145.61	4,792.54	3/4	4,435.25	3/4	4,077.96	3/4	3,720.23	3/4	3,362.14	3/4	3,004.05	3/4	2,645.96	3/4	2,287.87	3/4	1,929.83	
9	5,138.65	4,785.09	9	4,427.81	9	4,070.52	9	3,712.77	9	3,354.68	9	2,996.59	9	2,638.50	9	2,280.41	9	1,922.37	
1/4	5,131.69	4,777.65	1/4	4,420.36	1/4	4,063.08	1/4	3,705.31	1/4	3,347.22	1/4	2,989.13	1/4	2,631.04	1/4	2,272.95	1/4	1,914.91	
1/2	5,124.74	4,770.21	1/2	4,412.92	1/2	4,055.63	1/2	3,697.85	1/2	3,339.76	1/2	2,981.67	1/2	2,623.58	1/2	2,265.49	1/2	1,907.45	
3/4	5,117.78	4,762.76	3/4	4,405.48	3/4	4,048.19	3/4	3,690.39	3/4	3,332.30	3/4	2,974.21	3/4	2,616.12	3/4	2,258.03	3/4	1,899.99	
10	5,110.51	4,755.32	10	4,398.03	10	4,040.74	10	3,682.93	10	3,324.84	10	2,966.75	10	2,608.66	10	2,250.57	10	1,892.53	
1/4	5,103.23	4,747.88	1/4	4,390.59	1/4	4,033.30	1/4	3,675.47	1/4	3,317.38	1/4	2,959.29	1/4	2,601.20	1/4	2,243.11	1/4	1,885.06	
1/2	5,095.96	4,740.43	1/2	4,383.15	1/2	4,025.86	1/2	3,668.01	1/2	3,309.92	1/2	2,951.83	1/2	2,593.74	1/2	2,235.65	1/2	1,877.60	
3/4	5,088.69	4,732.99	3/4	4,375.70	3/4	4,018.41	3/4	3,660.55	3/4	3,302.46	3/4	2,944.37	3/4	2,586.28	3/4	2,228.19	3/4	1,870.14	
11	5,081.37	4,725.55	11	4,368.26	11	4,010.97	11	3,653.09	11	3,295.00	11	2,936.91	11	2,578.82	11	2,220.73	11	1,862.68	
1/4	5,074.04	4,718.10	1/4	4,360.82	1/4	4,003.53	1/4	3,645.63	1/4	3,287.54	1/4	2,929.45	1/4	2,571.36	1/4	2,213.27	1/4	1,855.22	
1/2	5,066.72	4,710.66	1/2	4,353.37	1/2	3,996.08	1/2	3,638.17	1/2	3,280.08	1/2	2,921.99	1/2	2,563.90	1/2	2,205.81	1/2	1,847.76	
3/4	5,059.39	4,703.22	3/4	4,345.93	3/4	3,988.64	3/4	3,630.71	3/4	3,272.62	3/4	2,914.53	3/4	2,556.44	3/4	2,198.35	3/4	1,840.30	

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 270"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,832.84	0	1,475.68	0	1,117.48	0	764.48	0	416.82	0	104.85	0		0					0
1/4	1,825.38	1/4	1,468.22	1/4	1,110.01	1/4	757.15	1/4	409.91	1/4	98.93	1/4		1/4					1/4
1/2	1,817.92	1/2	1,460.75	1/2	1,102.55	1/2	749.83	1/2	403.00	1/2	93.01	1/2		1/2					1/2
3/4	1,810.46	3/4	1,453.29	3/4	1,095.09	3/4	742.50	3/4	396.09	3/4	87.09	3/4		3/4					3/4
1	1,803.00	1	1,445.83	1	1,087.63	1	735.18	1	389.21	1	81.29	1		1					1
1/4	1,795.54	1/4	1,438.37	1/4	1,080.16	1/4	727.86	1/4	382.33	1/4	75.48	1/4		1/4					1/4
1/2	1,788.08	1/2	1,430.90	1/2	1,072.70	1/2	720.53	1/2	375.46	1/2	69.68	1/2		1/2					1/2
3/4	1,780.62	3/4	1,423.44	3/4	1,065.24	3/4	713.21	3/4	368.58	3/4	63.87	3/4		3/4					3/4
2	1,773.16	2	1,415.98	2	1,057.86	2	706.88	2	361.79	2	58.58	2		2					2
1/4	1,765.70	1/4	1,408.52	1/4	1,050.47	1/4	698.56	1/4	355.00	1/4	53.29	1/4		1/4					1/4
1/2	1,758.24	1/2	1,401.05	1/2	1,043.09	1/2	691.23	1/2	348.21	1/2	48.00	1/2		1/2					1/2
3/4	1,750.78	3/4	1,393.59	3/4	1,035.71	3/4	683.91	3/4	341.41	3/4	42.70	3/4		3/4					3/4
3	1,743.32	3	1,386.13	3	1,028.36	3	676.57	3	334.71	3	38.67	3		3					3
1/4	1,735.86	1/4	1,378.67	1/4	1,021.01	1/4	669.24	1/4	328.00	1/4	34.64	1/4		1/4					1/4
1/2	1,728.40	1/2	1,371.21	1/2	1,013.66	1/2	661.90	1/2	321.30	1/2	30.61	1/2		1/2					1/2
3/4	1,720.94	3/4	1,363.74	3/4	1,006.32	3/4	654.57	3/4	314.59	3/4	26.58	3/4		3/4					3/4
4	1,713.51	4	1,356.28	4	998.98	4	647.14	4	307.96	4	23.78	4		4					4
1/4	1,706.08	1/4	1,348.82	1/4	991.64	1/4	639.71	1/4	301.34	1/4	20.98	1/4		1/4					1/4
1/2	1,698.65	1/2	1,341.36	1/2	984.31	1/2	632.27	1/2	294.71	1/2	18.18	1/2		1/2					1/2
3/4	1,691.22	3/4	1,333.89	3/4	976.97	3/4	624.84	3/4	288.08	3/4	15.38	3/4		3/4					3/4
5	1,683.80	5	1,326.43	5	969.64	5	617.53	5	281.54	5		5		5					5
1/4	1,676.37	1/4	1,318.97	1/4	962.31	1/4	610.23	1/4	274.99	1/4		1/4		1/4					1/4
1/2	1,668.95	1/2	1,311.51	1/2	954.97	1/2	602.92	1/2	268.45	1/2		1/2		1/2					1/2
3/4	1,661.53	3/4	1,304.04	3/4	947.64	3/4	595.61	3/4	261.90	3/4		3/4		3/4					3/4
6	1,654.11	6	1,296.58	6	940.31	6	588.36	6	255.29	6		6		6					6
1/4	1,646.69	1/4	1,289.12	1/4	932.99	1/4	581.11	1/4	248.68	1/4		1/4		1/4					1/4
1/2	1,639.27	1/2	1,281.66	1/2	925.66	1/2	573.85	1/2	242.07	1/2		1/2		1/2					1/2
3/4	1,631.85	3/4	1,274.19	3/4	918.33	3/4	566.60	3/4	235.45	3/4		3/4		3/4					3/4
7	1,624.43	7	1,266.73	7	911.00	7	559.35	7	228.95	7		7		7					7
1/4	1,617.01	1/4	1,259.27	1/4	903.67	1/4	552.10	1/4	222.45	1/4		1/4		1/4					1/4
1/2	1,609.58	1/2	1,251.81	1/2	896.35	1/2	544.84	1/2	215.94	1/2		1/2		1/2					1/2
3/4	1,602.16	3/4	1,244.34	3/4	889.02	3/4	537.59	3/4	209.44	3/4		3/4		3/4					3/4
8	1,594.74	8	1,236.88	8	881.69	8	530.35	8	203.12	8		8		8					8
1/4	1,587.32	1/4	1,229.42	1/4	874.36	1/4	523.11	1/4	196.80	1/4		1/4		1/4					1/4
1/2	1,579.90	1/2	1,221.96	1/2	867.04	1/2	515.86	1/2	190.48	1/2		1/2		1/2					1/2
3/4	1,572.48	3/4	1,214.49	3/4	859.71	3/4	508.62	3/4	184.16	3/4		3/4		3/4					3/4
9	1,565.06	9	1,207.03	9	852.38	9	501.42	9	177.95	9		9		9					9
1/4	1,557.64	1/4	1,199.57	1/4	845.05	1/4	494.21	1/4	171.74	1/4		1/4		1/4					1/4
1/2	1,550.22	1/2	1,192.11	1/2	837.73	1/2	487.01	1/2	165.53	1/2		1/2		1/2					1/2
3/4	1,542.79	3/4	1,184.64	3/4	830.40	3/4	479.81	3/4	159.33	3/4		3/4		3/4					3/4
10	1,535.34	10	1,177.18	10	823.08	10	472.68	10	153.21	10		10		10					10
1/4	1,527.89	1/4	1,169.72	1/4	815.75	1/4	465.56	1/4	147.09	1/4		1/4		1/4					1/4
1/2	1,520.44	1/2	1,162.25	1/2	808.43	1/2	458.43	1/2	140.97	1/2		1/2		1/2					1/2
3/4	1,512.99	3/4	1,154.79	3/4	801.10	3/4	451.30	3/4	134.86	3/4		3/4		3/4					3/4
11	1,505.53	11	1,147.33	11	793.78	11	444.41	11	128.84	11		11		11					11
1/4	1,498.06	1/4	1,139.87	1/4	786.45	1/4	437.52	1/4	122.82	1/4		1/4		1/4					1/4
1/2	1,490.60	1/2	1,132.40	1/2	779.13	1/2	430.62	1/2	116.79	1/2		1/2		1/2					1/2
3/4	1,483.14	3/4	1,124.94	3/4	771.80	3/4	423.73	3/4	110.77	3/4		3/4		3/4					3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/02/2013 CL - SW
CALCULATED: 07/04/2013 CL
PRINTED: 07/04/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE WEB 270"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	5,043.38	0	4,686.84	0	4,329.49	0	3,972.13	0	3,614.09	0	3,256.93	0	2,897.77	0	2,539.62	0	2,181.46	
1/4	1/4	5,036.03	1/4	4,679.40	1/4	4,322.04	1/4	3,964.69	1/4	3,606.62	1/4	3,248.47	1/4	2,890.31	1/4	2,532.15	1/4	2,174.00	
1/2	1/2	5,028.67	1/2	4,671.95	1/2	4,314.60	1/2	3,957.24	1/2	3,599.16	1/2	3,241.01	1/2	2,882.85	1/2	2,524.69	1/2	2,166.54	
3/4	3/4	5,021.31	3/4	4,664.51	3/4	4,307.15	3/4	3,949.80	3/4	3,591.70	3/4	3,233.54	3/4	2,875.39	3/4	2,517.23	3/4	2,159.07	
1	1	5,013.95	1	4,657.06	1	4,299.71	1	3,942.35	1	3,584.24	1	3,226.08	1	2,867.93	1	2,509.77	1	2,151.61	
1/4	1/4	5,006.59	1/4	4,649.62	1/4	4,292.26	1/4	3,934.91	1/4	3,576.78	1/4	3,218.62	1/4	2,860.46	1/4	2,502.31	1/4	2,144.15	
1/2	1/2	4,999.22	1/2	4,642.17	1/2	4,284.82	1/2	3,927.45	1/2	3,569.32	1/2	3,211.16	1/2	2,853.00	1/2	2,494.85	1/2	2,136.69	
3/4	3/4	4,991.85	3/4	4,634.73	3/4	4,277.37	3/4	3,920.00	3/4	3,561.85	3/4	3,203.70	3/4	2,845.54	3/4	2,487.38	3/4	2,129.23	
2	2	4,984.48	2	4,627.28	2	4,269.93	2	3,912.54	2	3,554.39	2	3,196.24	2	2,838.08	2	2,479.92	2	2,121.77	
1/4	1/4	4,977.12	1/4	4,619.84	1/4	4,262.48	1/4	3,905.09	1/4	3,546.93	1/4	3,188.77	1/4	2,830.62	1/4	2,472.46	1/4	2,114.30	
1/2	1/2	4,969.69	1/2	4,612.39	1/2	4,255.04	1/2	3,897.63	1/2	3,539.47	1/2	3,181.31	1/2	2,823.16	1/2	2,465.00	1/2	2,106.84	
3/4	3/4	4,962.26	3/4	4,604.95	3/4	4,247.59	3/4	3,890.17	3/4	3,532.01	3/4	3,173.85	3/4	2,815.69	3/4	2,457.54	3/4	2,099.38	
3	3	4,954.84	3	4,597.50	3	4,240.15	3	3,882.70	3	3,524.55	3	3,166.39	3	2,808.23	3	2,450.08	3	2,091.92	
1/4	1/4	4,947.41	1/4	4,590.06	1/4	4,232.70	1/4	3,875.24	1/4	3,517.09	1/4	3,158.93	1/4	2,800.77	1/4	2,442.61	1/4	2,084.46	
1/2	1/2	4,939.97	1/2	4,582.61	1/2	4,225.26	1/2	3,867.78	1/2	3,509.62	1/2	3,151.47	1/2	2,793.31	1/2	2,435.15	1/2	2,077.00	
3/4	3/4	4,932.52	3/4	4,575.17	3/4	4,217.81	3/4	3,860.32	3/4	3,502.16	3/4	3,144.01	3/4	2,785.85	3/4	2,427.69	3/4	2,069.54	
4	4	4,925.08	4	4,567.72	4	4,210.37	4	3,852.86	4	3,494.70	4	3,136.54	4	2,778.39	4	2,420.23	4	2,062.08	
1/4	1/4	4,917.63	1/4	4,560.28	1/4	4,202.92	1/4	3,845.40	1/4	3,487.24	1/4	3,129.08	1/4	2,770.93	1/4	2,412.77	1/4	2,054.62	
1/2	1/2	4,910.19	1/2	4,552.83	1/2	4,195.48	1/2	3,837.93	1/2	3,479.78	1/2	3,121.62	1/2	2,763.46	1/2	2,405.31	1/2	2,047.16	
3/4	3/4	4,902.74	3/4	4,545.39	3/4	4,188.03	3/4	3,830.47	3/4	3,472.32	3/4	3,114.16	3/4	2,756.00	3/4	2,397.85	3/4	2,039.71	
5	5	4,895.30	5	4,537.94	5	4,180.59	5	3,823.01	5	3,464.85	5	3,106.70	5	2,748.54	5	2,390.38	5	2,032.25	
1/4	5,211.32	1/4	4,887.85	1/4	4,530.50	1/4	4,173.14	1/4	3,815.55	1/4	3,457.39	1/4	3,099.24	1/4	2,741.08	1/4	2,382.92	1/4	2,024.79
1/2	5,207.42	1/2	4,880.41	1/2	4,523.05	1/2	4,165.70	1/2	3,808.09	1/2	3,449.93	1/2	3,091.77	1/2	2,733.62	1/2	2,375.46	1/2	2,017.34
3/4	5,203.51	3/4	4,872.96	3/4	4,515.61	3/4	4,158.25	3/4	3,800.63	3/4	3,442.47	3/4	3,084.31	3/4	2,726.16	3/4	2,368.00	3/4	2,009.88
6	5,199.60	6	4,865.52	6	4,508.16	6	4,150.81	6	3,793.16	6	3,435.01	6	3,076.85	6	2,718.69	6	2,360.54	6	2,002.42
1/4	5,195.70	1/4	4,858.07	1/4	4,500.72	1/4	4,143.36	1/4	3,785.70	1/4	3,427.55	1/4	3,069.39	1/4	2,711.23	1/4	2,353.08	1/4	1,994.96
1/2	5,190.73	1/2	4,850.63	1/2	4,493.27	1/2	4,135.92	1/2	3,778.24	1/2	3,420.08	1/2	3,061.93	1/2	2,703.77	1/2	2,345.61	1/2	1,987.50
3/4	5,185.75	3/4	4,843.18	3/4	4,485.83	3/4	4,128.47	3/4	3,770.78	3/4	3,412.62	3/4	3,054.47	3/4	2,696.31	3/4	2,338.15	3/4	1,980.04
7	5,180.78	7	4,835.74	7	4,478.38	7	4,121.03	7	3,763.32	7	3,405.16	7	3,047.00	7	2,688.85	7	2,330.69	7	1,972.58
1/4	5,176.81	1/4	4,828.29	1/4	4,470.94	1/4	4,113.58	1/4	3,755.86	1/4	3,397.70	1/4	3,039.54	1/4	2,681.39	1/4	2,323.23	1/4	1,965.12
1/2	5,169.77	1/2	4,820.85	1/2	4,463.49	1/2	4,106.14	1/2	3,748.39	1/2	3,390.24	1/2	3,032.08	1/2	2,673.92	1/2	2,315.77	1/2	1,957.65
3/4	5,163.73	3/4	4,813.40	3/4	4,456.05	3/4	4,098.69	3/4	3,740.93	3/4	3,382.78	3/4	3,024.62	3/4	2,666.46	3/4	2,308.31	3/4	1,950.19
8	5,157.69	8	4,805.96	8	4,448.60	8	4,091.25	8	3,733.47	8	3,375.31	8	3,017.16	8	2,659.00	8	2,300.84	8	1,942.73
1/4	5,151.65	1/4	4,798.51	1/4	4,441.16	1/4	4,083.80	1/4	3,726.01	1/4	3,367.85	1/4	3,009.70	1/4	2,651.54	1/4	2,293.38	1/4	1,935.27
1/2	5,144.69	1/2	4,791.07	1/2	4,433.71	1/2	4,076.36	1/2	3,718.55	1/2	3,360.39	1/2	3,002.23	1/2	2,644.08	1/2	2,285.92	1/2	1,927.81
3/4	5,137.73	3/4	4,783.62	3/4	4,426.27	3/4	4,068.91	3/4	3,711.09	3/4	3,352.93	3/4	2,994.77	3/4	2,636.62	3/4	2,278.46	3/4	1,920.35
9	5,130.78	9	4,776.18	9	4,418.82	9	4,061.47	9	3,703.63	9	3,345.47	9	2,987.31	9	2,629.15	9	2,271.00	9	1,912.89
1/4	5,123.82	1/4	4,768.73	1/4	4,411.38	1/4	4,054.02	1/4	3,696.16	1/4	3,338.01	1/4	2,979.85	1/4	2,621.69	1/4	2,263.54	1/4	1,905.42
1/2	5,116.54	1/2	4,761.29	1/2	4,403.93	1/2	4,046.58	1/2	3,688.70	1/2	3,330.55	1/2	2,972.39	1/2	2,614.23	1/2	2,256.07	1/2	1,897.96
3/4	5,109.27	3/4	4,753.85	3/4	4,396.49	3/4	4,039.13	3/4	3,681.24	3/4	3,323.08	3/4	2,964.93	3/4	2,606.77	3/4	2,248.61	3/4	1,890.50
10	5,102.00	10	4,746.40	10	4,389.04	10	4,031.69	10	3,673.78	10	3,315.62	10	2,957.47	10	2,599.31	10	2,241.15	10	1,883.04
1/4	5,094.72	1/4	4,738.96	1/4	4,381.60	1/4	4,024.24	1/4	3,666.32	1/4	3,308.16	1/4	2,950.00	1/4	2,591.85	1/4	2,233.69	1/4	1,875.58
1/2	5,087.40	1/2	4,731.51	1/2	4,374.16	1/2	4,016.80	1/2	3,658.86	1/2	3,300.70	1/2	2,942.54	1/2	2,584.39	1/2	2,226.23	1/2	1,868.12
3/4	5,080.07	3/4	4,724.07	3/4	4,366.71	3/4	4,009.36	3/4	3,651.39	3/4	3,293.24	3/4	2,935.08	3/4	2,576.92	3/4	2,218.77	3/4	1,860.65
11	5,072.74	11	4,716.62	11	4,359.27	11	4,001.91	11	3,643.93	11	3,285.78	11	2,927.62	11	2,569.46	11	2,211.31	11	1,853.19
1/4	5,065.42	1/4	4,709.18	1/4	4,351.82	1/4	3,994.47	1/4	3,636.47	1/4	3,278.31	1/4	2,920.16	1/4	2,562.00	1/4	2,203.84	1/4	1,845.73
1/2	5,058.07	1/2	4,701.73	1/2	4,344.38	1/2	3,987.02	1/2	3,629.01	1/2	3,270.85	1/2	2,912.70	1/2	2,554.54	1/2	2,196.38	1/2	1,838.27
3/4	5,050.72	3/4	4,694.29	3/4	4,336.93	3/4	3,979.58	3/4	3,621.55	3/4	3,263.39	3/4	2,905.23	3/4	2,547.08	3/4	2,188.92	3/4	1,830.81

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 77588
 http://www.pmacorp.net



BARGE WEB 270"

1 STBD 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	1,823.35	0	1,466.17	0	1,108.52	0	751.30	0	402.97	0	93.01	0		0					0
1/4	1,815.89	1/4	1,458.71	1/4	1,101.05	1/4	743.87	1/4	396.06	1/4	87.09	1/4		1/4		1/4		1/4	
1/2	1,808.42	1/2	1,451.25	1/2	1,093.59	1/2	736.43	1/2	389.19	1/2	81.28	1/2		1/2		1/2		1/2	
3/4	1,800.96	3/4	1,443.79	3/4	1,086.13	3/4	729.00	3/4	382.31	3/4	75.46	3/4		3/4		3/4		3/4	
1	1,793.50	1	1,436.33	1	1,078.67	1	721.57	1	375.43	1	69.67	1		1		1		1	
1/4	1,786.04	1/4	1,428.86	1/4	1,071.20	1/4	714.14	1/4	368.55	1/4	63.87	1/4		1/4		1/4		1/4	
1/2	1,778.58	1/2	1,421.40	1/2	1,063.74	1/2	706.71	1/2	361.76	1/2	58.58	1/2		1/2		1/2		1/2	
3/4	1,771.12	3/4	1,413.94	3/4	1,056.28	3/4	699.28	3/4	354.97	3/4	53.28	3/4		3/4		3/4		3/4	
2	1,763.66	2	1,406.48	2	1,048.81	2	691.84	2	348.18	2	47.99	2		2		2		2	
1/4	1,756.19	1/4	1,399.02	1/4	1,041.35	1/4	684.41	1/4	341.39	1/4	42.70	1/4		1/4		1/4		1/4	
1/2	1,748.73	1/2	1,391.55	1/2	1,033.90	1/2	676.97	1/2	334.68	1/2	38.67	1/2		1/2		1/2		1/2	
3/4	1,741.27	3/4	1,384.09	3/4	1,026.44	3/4	669.53	3/4	327.98	3/4	34.64	3/4		3/4		3/4		3/4	
3	1,733.81	3	1,376.63	3	1,018.99	3	662.09	3	321.27	3	30.61	3		3		3		3	
1/4	1,726.35	1/4	1,369.17	1/4	1,011.53	1/4	654.65	1/4	314.57	1/4	26.68	1/4		1/4		1/4		1/4	
1/2	1,718.92	1/2	1,361.71	1/2	1,004.09	1/2	647.19	1/2	307.94	1/2	23.78	1/2		1/2		1/2		1/2	
3/4	1,711.49	3/4	1,354.24	3/4	996.64	3/4	639.73	3/4	301.31	3/4	20.98	3/4		3/4		3/4		3/4	
4	1,704.05	4	1,346.78	4	989.20	4	632.27	4	294.69	4	18.18	4		4		4		4	
1/4	1,696.62	1/4	1,339.32	1/4	981.76	1/4	624.81	1/4	288.06	1/4	15.38	1/4		1/4		1/4		1/4	
1/2	1,689.20	1/2	1,331.88	1/2	974.32	1/2	617.50	1/2	281.52	1/2		1/2		1/2		1/2		1/2	
3/4	1,681.78	3/4	1,324.45	3/4	966.88	3/4	610.20	3/4	274.97	3/4		3/4		3/4		3/4		3/4	
5	1,674.36	5	1,317.01	5	959.44	5	602.89	5	268.43	5		5		5		5		5	
1/4	1,666.94	1/4	1,309.57	1/4	952.00	1/4	595.58	1/4	261.88	1/4		1/4		1/4		1/4		1/4	
1/2	1,659.52	1/2	1,302.14	1/2	944.57	1/2	588.33	1/2	255.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,652.10	3/4	1,294.71	3/4	937.13	3/4	581.08	3/4	248.66	3/4		3/4		3/4		3/4		3/4	
6	1,644.68	6	1,287.29	6	929.70	6	573.82	6	242.05	6		6		6		6		6	
1/4	1,637.26	1/4	1,279.86	1/4	922.26	1/4	566.57	1/4	235.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,629.84	1/2	1,272.43	1/2	914.83	1/2	559.32	1/2	228.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,622.42	3/4	1,265.00	3/4	907.39	3/4	552.07	3/4	222.43	3/4		3/4		3/4		3/4		3/4	
7	1,615.00	7	1,257.57	7	899.96	7	544.82	7	215.92	7		7		7		7		7	
1/4	1,607.58	1/4	1,250.14	1/4	892.52	1/4	537.56	1/4	209.42	1/4		1/4		1/4		1/4		1/4	
1/2	1,600.15	1/2	1,242.71	1/2	885.09	1/2	530.32	1/2	203.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,592.73	3/4	1,235.28	3/4	877.65	3/4	523.08	3/4	196.78	3/4		3/4		3/4		3/4		3/4	
8	1,585.31	8	1,227.85	8	870.22	8	515.83	8	190.46	8		8		8		8		8	
1/4	1,577.89	1/4	1,220.42	1/4	862.78	1/4	508.59	1/4	184.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,570.47	1/2	1,212.97	1/2	855.35	1/2	501.39	1/2	177.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,563.05	3/4	1,205.52	3/4	847.92	3/4	494.18	3/4	171.73	3/4		3/4		3/4		3/4		3/4	
9	1,555.63	9	1,198.06	9	840.48	9	486.98	9	165.52	9		9		9		9		9	
1/4	1,548.21	1/4	1,190.61	1/4	833.05	1/4	479.78	1/4	159.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,540.76	1/2	1,183.14	1/2	825.61	1/2	472.65	1/2	153.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,533.31	3/4	1,175.66	3/4	818.18	3/4	465.53	3/4	147.08	3/4		3/4		3/4		3/4		3/4	
10	1,525.86	10	1,168.22	10	810.75	10	458.40	10	140.96	10		10		10		10		10	
1/4	1,518.40	1/4	1,160.76	1/4	803.32	1/4	451.27	1/4	134.84	1/4		1/4		1/4		1/4		1/4	
1/2	1,510.94	1/2	1,153.29	1/2	795.89	1/2	444.38	1/2	128.82	1/2		1/2		1/2		1/2		1/2	
3/4	1,503.48	3/4	1,145.83	3/4	788.45	3/4	437.49	3/4	122.80	3/4		3/4		3/4		3/4		3/4	
11	1,496.02	11	1,138.37	11	781.02	11	430.60	11	116.78	11		11		11		11		11	
1/4	1,488.56	1/4	1,130.91	1/4	773.59	1/4	423.70	1/4	110.76	1/4		1/4		1/4		1/4		1/4	
1/2	1,481.10	1/2	1,123.44	1/2	766.16	1/2	416.79	1/2	104.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,473.64	3/4	1,115.98	3/4	758.73	3/4	409.88	3/4	98.92	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/02/2013 CL - SW
CALCULATED: 07/04/2013 CL
PRINTED: 07/04/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE WEB 270"

2 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0	5,107.63	0	4,750.39	0	4,392.23	0	4,034.08	0	3,675.25	0	3,316.29	0	2,957.33	0	2,598.37	0	2,239.41
1/4		1/4	5,100.26	1/4	4,742.93	1/4	4,384.77	1/4	4,026.61	1/4	3,667.77	1/4	3,308.81	1/4	2,949.85	1/4	2,590.89	1/4	2,231.93
1/2		1/2	5,092.90	1/2	4,735.47	1/2	4,377.31	1/2	4,019.15	1/2	3,660.29	1/2	3,301.33	1/2	2,942.37	1/2	2,583.41	1/2	2,224.46
3/4		3/4	5,085.52	3/4	4,728.00	3/4	4,369.85	3/4	4,011.69	3/4	3,652.81	3/4	3,293.85	3/4	2,934.90	3/4	2,575.94	3/4	2,216.98
1		1	5,078.14	1	4,720.54	1	4,362.39	1	4,004.23	1	3,645.33	1	3,286.38	1	2,927.42	1	2,568.46	1	2,209.50
1/4		1/4	5,070.77	1/4	4,713.08	1/4	4,354.92	1/4	3,996.77	1/4	3,637.86	1/4	3,278.90	1/4	2,919.94	1/4	2,560.98	1/4	2,202.02
1/2		1/2	5,063.39	1/2	4,705.62	1/2	4,347.46	1/2	3,989.31	1/2	3,630.38	1/2	3,271.42	1/2	2,912.46	1/2	2,553.50	1/2	2,194.54
3/4		3/4	5,056.01	3/4	4,698.16	3/4	4,340.00	3/4	3,981.84	3/4	3,622.90	3/4	3,263.94	3/4	2,904.98	3/4	2,546.02	3/4	2,187.06
2		2	5,048.62	2	4,690.70	2	4,332.54	2	3,974.36	2	3,615.42	2	3,256.46	2	2,897.50	2	2,538.55	2	2,179.59
1/4		1/4	5,041.24	1/4	4,683.24	1/4	4,325.08	1/4	3,966.89	1/4	3,607.94	1/4	3,248.98	1/4	2,890.03	1/4	2,531.07	1/4	2,172.11
1/2		1/2	5,033.85	1/2	4,675.77	1/2	4,317.62	1/2	3,959.42	1/2	3,600.46	1/2	3,241.51	1/2	2,882.55	1/2	2,523.59	1/2	2,164.63
3/4		3/4	5,026.41	3/4	4,668.31	3/4	4,310.16	3/4	3,951.94	3/4	3,592.99	3/4	3,234.03	3/4	2,875.07	3/4	2,516.11	3/4	2,157.15
3		3	5,018.97	3	4,660.85	3	4,302.69	3	3,944.47	3	3,585.51	3	3,226.55	3	2,867.59	3	2,508.63	3	2,149.67
1/4		1/4	5,011.53	1/4	4,653.39	1/4	4,295.23	1/4	3,936.99	1/4	3,578.03	1/4	3,219.07	1/4	2,860.11	1/4	2,501.15	1/4	2,142.20
1/2		1/2	5,004.08	1/2	4,645.93	1/2	4,287.77	1/2	3,929.51	1/2	3,570.55	1/2	3,211.59	1/2	2,852.63	1/2	2,493.68	1/2	2,134.72
3/4		3/4	4,996.62	3/4	4,638.47	3/4	4,280.31	3/4	3,922.03	3/4	3,563.07	3/4	3,204.11	3/4	2,845.16	3/4	2,486.20	3/4	2,127.24
4		4	4,989.16	4	4,631.00	4	4,272.85	4	3,914.55	4	3,555.59	4	3,196.64	4	2,837.68	4	2,478.72	4	2,119.76
1/4		1/4	4,981.70	1/4	4,623.54	1/4	4,265.39	1/4	3,907.07	1/4	3,548.12	1/4	3,189.16	1/4	2,830.20	1/4	2,471.24	1/4	2,112.29
1/2		1/2	4,974.24	1/2	4,616.08	1/2	4,257.92	1/2	3,899.60	1/2	3,540.64	1/2	3,181.68	1/2	2,822.72	1/2	2,463.76	1/2	2,104.81
3/4		3/4	4,966.78	3/4	4,608.62	3/4	4,250.46	3/4	3,892.12	3/4	3,533.16	3/4	3,174.20	3/4	2,815.24	3/4	2,456.28	3/4	2,097.34
5		5	4,959.31	5	4,601.16	5	4,243.00	5	3,884.64	5	3,525.68	5	3,166.72	5	2,807.76	5	2,448.81	5	2,089.87
1/4		1/4	4,951.85	1/4	4,593.70	1/4	4,235.54	1/4	3,877.16	1/4	3,518.20	1/4	3,159.24	1/4	2,800.29	1/4	2,441.33	1/4	2,082.39
1/2	5,268.59	1/2	4,944.39	1/2	4,586.23	1/2	4,228.08	1/2	3,869.68	1/2	3,510.72	1/2	3,151.77	1/2	2,792.81	1/2	2,433.85	1/2	2,074.92
3/4	5,264.68	3/4	4,936.93	3/4	4,578.77	3/4	4,220.62	3/4	3,862.20	3/4	3,503.25	3/4	3,144.29	3/4	2,785.33	3/4	2,426.37	3/4	2,067.44
6	5,260.76	6	4,929.47	6	4,571.31	6	4,213.15	6	3,854.73	6	3,495.77	6	3,136.81	6	2,777.85	6	2,418.89	6	2,059.97
1/4	5,256.85	1/4	4,922.01	1/4	4,563.85	1/4	4,205.69	1/4	3,847.25	1/4	3,488.29	1/4	3,129.33	1/4	2,770.37	1/4	2,411.41	1/4	2,052.49
1/2	5,252.93	1/2	4,914.54	1/2	4,556.39	1/2	4,198.23	1/2	3,839.77	1/2	3,480.81	1/2	3,121.86	1/2	2,762.89	1/2	2,403.94	1/2	2,045.02
3/4	5,247.95	3/4	4,907.08	3/4	4,548.93	3/4	4,190.77	3/4	3,832.29	3/4	3,473.33	3/4	3,114.37	3/4	2,755.42	3/4	2,396.46	3/4	2,037.54
7	5,242.96	7	4,899.62	7	4,541.46	7	4,183.31	7	3,824.81	7	3,465.85	7	3,106.90	7	2,747.94	7	2,388.98	7	2,030.06
1/4	5,237.98	1/4	4,892.16	1/4	4,534.00	1/4	4,175.85	1/4	3,817.33	1/4	3,458.38	1/4	3,099.42	1/4	2,740.46	1/4	2,381.50	1/4	2,022.59
1/2	5,233.00	1/2	4,884.70	1/2	4,526.54	1/2	4,168.38	1/2	3,809.86	1/2	3,450.90	1/2	3,091.94	1/2	2,732.98	1/2	2,374.02	1/2	2,015.11
3/4	5,228.94	3/4	4,877.24	3/4	4,519.08	3/4	4,160.92	3/4	3,802.38	3/4	3,443.42	3/4	3,084.46	3/4	2,725.50	3/4	2,366.54	3/4	2,007.63
8	5,220.89	8	4,869.78	8	4,511.62	8	4,153.46	8	3,794.90	8	3,435.94	8	3,076.98	8	2,718.02	8	2,359.07	8	2,000.15
1/4	5,214.84	1/4	4,862.31	1/4	4,504.16	1/4	4,146.00	1/4	3,787.42	1/4	3,428.46	1/4	3,069.50	1/4	2,710.55	1/4	2,351.59	1/4	1,992.68
1/2	5,208.79	1/2	4,854.85	1/2	4,496.70	1/2	4,138.54	1/2	3,779.94	1/2	3,420.98	1/2	3,062.03	1/2	2,703.07	1/2	2,344.11	1/2	1,985.20
3/4	5,201.81	3/4	4,847.39	3/4	4,489.23	3/4	4,131.08	3/4	3,772.46	3/4	3,413.51	3/4	3,054.55	3/4	2,695.59	3/4	2,336.63	3/4	1,977.72
9	5,194.84	9	4,839.93	9	4,481.77	9	4,123.62	9	3,764.99	9	3,406.03	9	3,047.07	9	2,688.11	9	2,329.15	9	1,970.24
1/4	5,187.86	1/4	4,832.47	1/4	4,474.31	1/4	4,116.15	1/4	3,757.51	1/4	3,398.55	1/4	3,039.59	1/4	2,680.63	1/4	2,321.67	1/4	1,962.76
1/2	5,180.88	1/2	4,825.01	1/2	4,466.85	1/2	4,108.69	1/2	3,750.03	1/2	3,391.07	1/2	3,032.11	1/2	2,673.15	1/2	2,314.20	1/2	1,955.28
3/4	5,173.60	3/4	4,817.54	3/4	4,459.39	3/4	4,101.23	3/4	3,742.55	3/4	3,383.59	3/4	3,024.63	3/4	2,665.68	3/4	2,306.72	3/4	1,947.81
10	5,166.31	10	4,810.08	10	4,451.93	10	4,093.77	10	3,735.07	10	3,376.11	10	3,017.16	10	2,658.20	10	2,299.24	10	1,940.33
1/4	5,159.02	1/4	4,802.62	1/4	4,444.46	1/4	4,086.31	1/4	3,727.59	1/4	3,368.64	1/4	3,009.68	1/4	2,650.72	1/4	2,291.76	1/4	1,932.85
1/2	5,151.73	1/2	4,795.16	1/2	4,437.00	1/2	4,078.85	1/2	3,720.12	1/2	3,361.16	1/2	3,002.20	1/2	2,643.24	1/2	2,284.28	1/2	1,925.37
3/4	5,144.38	3/4	4,787.70	3/4	4,429.54	3/4	4,071.38	3/4	3,712.64	3/4	3,353.68	3/4	2,994.72	3/4	2,635.76	3/4	2,276.80	3/4	1,917.89
11	5,137.04	11	4,780.24	11	4,422.08	11	4,063.92	11	3,705.16	11	3,346.20	11	2,987.24	11	2,628.28	11	2,269.33	11	1,910.41
1/4	5,129.70	1/4	4,772.77	1/4	4,414.62	1/4	4,056.46	1/4	3,697.68	1/4	3,338.72	1/4	2,979.76	1/4	2,620.81	1/4	2,261.85	1/4	1,902.94
1/2	5,122.35	1/2	4,765.31	1/2	4,407.16	1/2	4,049.00	1/2	3,690.20	1/2	3,331.24	1/2	2,972.29	1/2	2,613.33	1/2	2,254.37	1/2	1,895.46
3/4	5,114.99	3/4	4,757.85	3/4	4,399.69	3/4	4,041.54	3/4	3,682.73	3/4	3,323.77	3/4	2,964.81	3/4	2,605.85	3/4	2,246.89	3/4	1,887.98

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>



BARGE WEB 270"

2 POR. 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	1,880.50	0	1,525.55	0	1,166.57	0	822.20	0	475.42	0	125.70	0		0					
1/4	1,873.02	1/4	1,518.07	1/4	1,169.09	1/4	815.08	1/4	468.20	1/4	118.48	1/4		1/4					
1/2	1,865.54	1/2	1,510.60	1/2	1,161.61	1/2	807.97	1/2	460.98	1/2	111.25	1/2		1/2					
3/4	1,858.07	3/4	1,503.12	3/4	1,144.13	3/4	800.85	3/4	453.72	3/4	104.06	3/4		3/4					
1	1,850.59	1	1,495.64	1	1,136.65	1	793.74	1	446.45	1	96.86	1		1					
1/4	1,843.11	1/4	1,488.16	1/4	1,129.17	1/4	786.62	1/4	439.18	1/4	89.67	1/4		1/4					
1/2	1,835.63	1/2	1,480.68	1/2	1,121.69	1/2	779.51	1/2	431.91	1/2	82.47	1/2		1/2					
3/4	1,828.15	3/4	1,473.20	3/4	1,114.46	3/4	772.39	3/4	424.65	3/4	75.71	3/4		3/4					
2	1,820.67	2	1,465.72	2	1,107.24	2	765.28	2	417.38	2	68.94	2		2					
1/4	1,813.20	1/4	1,458.24	1/4	1,100.01	1/4	758.16	1/4	410.12	1/4	62.18	1/4		1/4					
1/2	1,805.72	1/2	1,450.77	1/2	1,092.78	1/2	751.05	1/2	402.85	1/2	55.41	1/2		1/2					
3/4	1,798.24	3/4	1,443.29	3/4	1,085.64	3/4	743.92	3/4	395.59	3/4	49.83	3/4		3/4					
3	1,790.76	3	1,435.81	3	1,078.50	3	736.80	3	388.32	3	44.25	3		3					
1/4	1,783.28	1/4	1,428.33	1/4	1,071.36	1/4	729.67	1/4	381.06	1/4	38.66	1/4		1/4					
1/2	1,775.80	1/2	1,420.85	1/2	1,064.23	1/2	722.55	1/2	373.80	1/2	33.08	1/2		1/2					
3/4	1,768.33	3/4	1,413.37	3/4	1,057.10	3/4	715.16	3/4	366.53	3/4	28.97	3/4		3/4					
4	1,760.85	4	1,405.89	4	1,049.97	4	707.77	4	359.26	4	24.86	4		4					
1/4	1,753.37	1/4	1,398.41	1/4	1,042.84	1/4	700.38	1/4	351.99	1/4	20.74	1/4		1/4					
1/2	1,745.89	1/2	1,390.94	1/2	1,035.72	1/2	692.98	1/2	344.73	1/2	16.63	1/2		1/2					
3/4	1,738.54	3/4	1,383.46	3/4	1,028.60	3/4	685.66	3/4	337.46	3/4		3/4		3/4					
5	1,731.19	5	1,375.98	5	1,021.47	5	678.34	5	330.19	5		5		5					
1/4	1,723.83	1/4	1,368.50	1/4	1,014.35	1/4	671.01	1/4	322.92	1/4		1/4		1/4					
1/2	1,716.48	1/2	1,361.02	1/2	1,007.23	1/2	663.69	1/2	315.65	1/2		1/2		1/2					
3/4	1,709.17	3/4	1,353.54	3/4	1,000.11	3/4	656.42	3/4	308.23	3/4		3/4		3/4					
6	1,701.86	6	1,346.06	6	992.99	6	649.15	6	300.81	6		6		6					
1/4	1,694.55	1/4	1,338.59	1/4	985.87	1/4	641.88	1/4	293.39	1/4		1/4		1/4					
1/2	1,687.23	1/2	1,331.11	1/2	978.76	1/2	634.61	1/2	285.97	1/2		1/2		1/2					
3/4	1,679.92	3/4	1,323.63	3/4	971.64	3/4	627.34	3/4	278.58	3/4		3/4		3/4					
7	1,672.61	7	1,316.15	7	964.52	7	620.08	7	271.18	7		7		7					
1/4	1,665.30	1/4	1,308.67	1/4	957.40	1/4	612.81	1/4	263.79	1/4		1/4		1/4					
1/2	1,657.99	1/2	1,301.19	1/2	950.29	1/2	605.54	1/2	256.40	1/2		1/2		1/2					
3/4	1,650.68	3/4	1,293.71	3/4	943.17	3/4	598.27	3/4	249.10	3/4		3/4		3/4					
8	1,643.37	8	1,286.23	8	936.05	8	591.00	8	241.81	8		8		8					
1/4	1,636.06	1/4	1,278.75	1/4	928.93	1/4	583.74	1/4	234.52	1/4		1/4		1/4					
1/2	1,628.74	1/2	1,271.27	1/2	921.82	1/2	576.47	1/2	227.22	1/2		1/2		1/2					
3/4	1,621.43	3/4	1,263.79	3/4	914.70	3/4	569.20	3/4	219.96	3/4		3/4		3/4					
9	1,614.12	9	1,256.32	9	907.58	9	561.93	9	212.69	9		9		9					
1/4	1,606.81	1/4	1,248.84	1/4	900.46	1/4	554.66	1/4	205.43	1/4		1/4		1/4					
1/2	1,599.50	1/2	1,241.36	1/2	893.34	1/2	547.40	1/2	198.16	1/2		1/2		1/2					
3/4	1,592.19	3/4	1,233.88	3/4	886.23	3/4	540.13	3/4	190.90	3/4		3/4		3/4					
10	1,584.88	10	1,226.40	10	879.11	10	532.86	10	183.65	10		10		10					
1/4	1,577.57	1/4	1,218.92	1/4	872.00	1/4	525.59	1/4	176.39	1/4		1/4		1/4					
1/2	1,570.25	1/2	1,211.44	1/2	864.88	1/2	518.32	1/2	169.13	1/2		1/2		1/2					
3/4	1,562.82	3/4	1,203.96	3/4	857.77	3/4	511.21	3/4	161.89	3/4		3/4		3/4					
11	1,555.38	11	1,196.48	11	850.65	11	504.09	11	154.64	11		11		11					
1/4	1,547.95	1/4	1,189.00	1/4	843.54	1/4	496.97	1/4	147.40	1/4		1/4		1/4					
1/2	1,540.51	1/2	1,181.53	1/2	836.42	1/2	489.86	1/2	140.16	1/2		1/2		1/2					
3/4	1,533.03	3/4	1,174.05	3/4	829.31	3/4	482.64	3/4	132.93	3/4		3/4		3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/02/2013 CL - SW
CALCULATED: 07/04/2013 CL
PRINTED: 07/04/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE WEB 270"

2 STBL 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	5,117.09	0	4,759.74	0	4,401.59	0	4,043.43	0	3,684.56	0	3,325.61	0	2,966.66	0	2,607.70	0	2,248.75		
1/4	1/4	5,109.72	1/4	4,752.28	1/4	4,394.13	1/4	4,035.97	1/4	3,677.09	1/4	3,318.13	1/4	2,959.18	1/4	2,600.23	1/4	2,241.27		
1/2	1/2	5,102.35	1/2	4,744.82	1/2	4,386.66	1/2	4,028.51	1/2	3,669.61	1/2	3,310.65	1/2	2,951.70	1/2	2,592.75	1/2	2,233.79		
3/4	3/4	5,094.97	3/4	4,737.36	3/4	4,379.20	3/4	4,021.05	3/4	3,662.13	3/4	3,303.18	3/4	2,944.22	3/4	2,585.27	3/4	2,226.32		
1	1	5,087.59	1	4,729.90	1	4,371.74	1	4,013.58	1	3,654.65	1	3,296.70	1	2,936.74	1	2,577.79	1	2,218.84		
1/4	1/4	5,080.21	1/4	4,722.44	1/4	4,364.28	1/4	4,006.12	1/4	3,647.17	1/4	3,288.22	1/4	2,929.27	1/4	2,570.31	1/4	2,211.36		
1/2	1/2	5,072.83	1/2	4,714.97	1/2	4,356.82	1/2	3,998.65	1/2	3,639.69	1/2	3,280.74	1/2	2,921.79	1/2	2,562.83	1/2	2,203.88		
3/4	3/4	5,065.44	3/4	4,707.51	3/4	4,349.36	3/4	3,991.17	3/4	3,632.22	3/4	3,273.26	3/4	2,914.31	3/4	2,555.36	3/4	2,196.40		
2	2	5,058.06	2	4,700.05	2	4,341.89	2	3,983.69	2	3,624.74	2	3,265.78	2	2,906.83	2	2,547.88	2	2,188.92		
1/4	1/4	5,050.67	1/4	4,692.59	1/4	4,334.43	1/4	3,976.21	1/4	3,617.26	1/4	3,258.31	1/4	2,899.35	1/4	2,540.40	1/4	2,181.45		
1/2	1/2	5,043.23	1/2	4,685.13	1/2	4,326.97	1/2	3,968.74	1/2	3,609.78	1/2	3,250.83	1/2	2,891.87	1/2	2,532.92	1/2	2,173.97		
3/4	3/4	5,035.79	3/4	4,677.67	3/4	4,319.51	3/4	3,961.26	3/4	3,602.30	3/4	3,243.35	3/4	2,884.40	3/4	2,525.44	3/4	2,166.49		
3	3	5,028.34	3	4,670.20	3	4,312.05	3	3,953.78	3	3,594.83	3	3,235.87	3	2,876.92	3	2,517.96	3	2,159.01		
1/4	1/4	5,020.90	1/4	4,662.74	1/4	4,304.59	1/4	3,946.30	1/4	3,587.35	1/4	3,228.39	1/4	2,869.44	1/4	2,510.49	1/4	2,151.53		
1/2	1/2	5,013.44	1/2	4,655.28	1/2	4,297.12	1/2	3,938.82	1/2	3,579.87	1/2	3,220.92	1/2	2,861.96	1/2	2,503.01	1/2	2,144.06		
3/4	3/4	5,005.98	3/4	4,647.82	3/4	4,289.66	3/4	3,931.34	3/4	3,572.39	3/4	3,213.44	3/4	2,854.48	3/4	2,495.53	3/4	2,136.58		
4	4	4,998.52	4	4,640.36	4	4,282.20	4	3,923.87	4	3,564.91	4	3,205.96	4	2,847.01	4	2,488.05	4	2,129.10		
1/4	1/4	4,991.05	1/4	4,632.90	1/4	4,274.74	1/4	3,916.39	1/4	3,557.43	1/4	3,198.48	1/4	2,839.53	1/4	2,480.57	1/4	2,121.63		
1/2	1/2	4,983.59	1/2	4,625.44	1/2	4,267.28	1/2	3,908.91	1/2	3,549.96	1/2	3,191.00	1/2	2,832.05	1/2	2,473.10	1/2	2,114.15		
3/4	3/4	4,976.13	3/4	4,617.97	3/4	4,259.82	3/4	3,901.43	3/4	3,542.48	3/4	3,183.52	3/4	2,824.57	3/4	2,465.62	3/4	2,106.68		
5	5	4,968.67	5	4,610.51	5	4,252.36	5	3,893.95	5	3,535.05	5	3,176.05	5	2,817.09	5	2,458.14	5	2,099.21		
1/4	1/4	5,285.42	1/4	4,961.21	1/4	4,603.05	1/4	4,244.89	1/4	3,886.48	1/4	3,527.52	1/4	3,168.57	1/4	2,809.61	1/4	2,450.66	1/4	2,091.73
1/2	1/2	5,281.50	1/2	4,953.75	1/2	4,595.59	1/2	4,237.43	1/2	3,879.00	1/2	3,520.04	1/2	3,161.09	1/2	2,802.14	1/2	2,443.18	1/2	2,084.26
3/4	3/4	5,277.59	3/4	4,946.28	3/4	4,588.13	3/4	4,229.97	3/4	3,871.52	3/4	3,512.57	3/4	3,153.61	3/4	2,794.66	3/4	2,435.70	3/4	2,076.78
6	6	5,273.67	6	4,938.82	6	4,580.67	6	4,222.51	6	3,864.04	6	3,505.09	6	3,146.13	6	2,787.18	6	2,428.23	6	2,069.31
1/4	1/4	5,269.76	1/4	4,931.36	1/4	4,573.20	1/4	4,215.05	1/4	3,856.56	1/4	3,497.61	1/4	3,138.66	1/4	2,779.70	1/4	2,420.75	1/4	2,061.84
1/2	1/2	5,264.77	1/2	4,923.90	1/2	4,565.74	1/2	4,207.59	1/2	3,849.08	1/2	3,490.13	1/2	3,131.18	1/2	2,772.22	1/2	2,413.27	1/2	2,054.36
3/4	3/4	5,259.79	3/4	4,916.44	3/4	4,558.28	3/4	4,200.12	3/4	3,841.61	3/4	3,482.65	3/4	3,123.70	3/4	2,764.75	3/4	2,405.79	3/4	2,046.88
7	7	5,254.80	7	4,908.98	7	4,550.82	7	4,192.66	7	3,834.13	7	3,475.17	7	3,116.22	7	2,757.27	7	2,398.31	7	2,039.40
1/4	1/4	5,249.82	1/4	4,901.51	1/4	4,543.36	1/4	4,185.20	1/4	3,826.65	1/4	3,467.70	1/4	3,108.74	1/4	2,749.79	1/4	2,390.84	1/4	2,031.92
1/2	1/2	5,243.77	1/2	4,894.05	1/2	4,535.90	1/2	4,177.74	1/2	3,819.17	1/2	3,460.22	1/2	3,101.26	1/2	2,742.31	1/2	2,383.36	1/2	2,024.44
3/4	3/4	5,237.72	3/4	4,886.59	3/4	4,528.43	3/4	4,170.28	3/4	3,811.69	3/4	3,452.74	3/4	3,093.79	3/4	2,734.83	3/4	2,375.88	3/4	2,016.97
8	8	5,231.66	8	4,879.13	8	4,520.97	8	4,162.82	8	3,804.22	8	3,445.26	8	3,086.31	8	2,727.35	8	2,368.40	8	2,009.49
1/4	1/4	5,225.61	1/4	4,871.67	1/4	4,513.51	1/4	4,155.35	1/4	3,796.74	1/4	3,437.78	1/4	3,078.83	1/4	2,719.88	1/4	2,360.92	1/4	2,002.01
1/2	1/2	5,218.64	1/2	4,864.21	1/2	4,506.05	1/2	4,147.89	1/2	3,789.26	1/2	3,430.31	1/2	3,071.35	1/2	2,712.40	1/2	2,353.44	1/2	1,994.53
3/4	3/4	5,211.66	3/4	4,856.74	3/4	4,498.59	3/4	4,140.43	3/4	3,781.78	3/4	3,422.83	3/4	3,063.87	3/4	2,704.92	3/4	2,345.97	3/4	1,987.05
9	9	5,204.68	9	4,849.28	9	4,491.13	9	4,132.97	9	3,774.30	9	3,415.35	9	3,056.40	9	2,697.44	9	2,338.49	9	1,979.58
1/4	1/4	5,197.71	1/4	4,841.82	1/4	4,483.66	1/4	4,125.51	1/4	3,766.82	1/4	3,407.87	1/4	3,048.92	1/4	2,689.96	1/4	2,331.01	1/4	1,972.10
1/2	1/2	5,190.42	1/2	4,834.36	1/2	4,476.20	1/2	4,118.05	1/2	3,759.35	1/2	3,400.39	1/2	3,041.44	1/2	2,682.49	1/2	2,323.53	1/2	1,964.62
3/4	3/4	5,183.13	3/4	4,826.90	3/4	4,468.74	3/4	4,110.56	3/4	3,751.87	3/4	3,392.91	3/4	3,033.96	3/4	2,675.01	3/4	2,316.05	3/4	1,957.14
10	10	5,175.84	10	4,819.44	10	4,461.28	10	4,103.12	10	3,744.39	10	3,385.44	10	3,026.48	10	2,667.53	10	2,308.58	10	1,949.66
1/4	1/4	5,168.55	1/4	4,811.98	1/4	4,453.82	1/4	4,095.66	1/4	3,736.91	1/4	3,377.96	1/4	3,019.00	1/4	2,660.05	1/4	2,301.10	1/4	1,942.18
1/2	1/2	5,161.21	1/2	4,804.51	1/2	4,446.36	1/2	4,088.20	1/2	3,729.43	1/2	3,370.48	1/2	3,011.53	1/2	2,652.57	1/2	2,293.62	1/2	1,934.71
3/4	3/4	5,153.86	3/4	4,797.05	3/4	4,438.90	3/4	4,080.74	3/4	3,721.96	3/4	3,363.00	3/4	3,004.05	3/4	2,645.09	3/4	2,286.14	3/4	1,927.23
11	11	5,146.52	11	4,789.59	11	4,431.43	11	4,073.28	11	3,714.48	11	3,355.52	11	2,996.57	11	2,637.62	11	2,278.66	11	1,919.75
1/4	1/4	5,139.18	1/4	4,782.13	1/4	4,423.97	1/4	4,065.82	1/4	3,707.00	1/4	3,348.05	1/4	2,989.09	1/4	2,630.14	1/4	2,271.18	1/4	1,912.27
1/2	1/2	5,131.81	1/2	4,774.67	1/2	4,416.51	1/2	4,058.35	1/2	3,699.52	1/2	3,340.57	1/2	2,981.61	1/2	2,622.66	1/2	2,263.71	1/2	1,904.79
3/4	3/4	5,124.45	3/4	4,767.21	3/4	4,409.05	3/4	4,050.89	3/4	3,692.04	3/4	3,333.09	3/4	2,974.14	3/4	2,615.18	3/4	2,256.23	3/4	1,897.32

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 77588
<http://www.pmacorp.net>



BARGE WEB 270"

2 STBL
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,889.84	0	1,534.87	0	1,177.75	0	819.75	0	468.21	0	118.48	0		0		0		0	
1/4	1,882.36	1/4	1,527.41	1/4	1,170.27	1/4	812.30	1/4	460.99	1/4	111.25	1/4		1/4		1/4		1/4	
1/2	1,874.88	1/2	1,519.93	1/2	1,162.79	1/2	804.85	1/2	453.72	1/2	104.06	1/2		1/2		1/2		1/2	
3/4	1,867.40	3/4	1,512.45	3/4	1,155.32	3/4	797.41	3/4	446.45	3/4	96.86	3/4		3/4		3/4		3/4	
1	1,859.92	1	1,504.97	1	1,147.84	1	789.96	1	439.18	1	89.67	1		1		1		1	
1/4	1,852.45	1/4	1,497.50	1/4	1,140.36	1/4	782.51	1/4	431.91	1/4	82.47	1/4		1/4		1/4		1/4	
1/2	1,844.97	1/2	1,490.02	1/2	1,132.88	1/2	775.06	1/2	424.65	1/2	75.71	1/2		1/2		1/2		1/2	
3/4	1,837.49	3/4	1,482.54	3/4	1,125.40	3/4	767.62	3/4	417.38	3/4	68.94	3/4		3/4		3/4		3/4	
2	1,830.01	2	1,475.06	2	1,117.92	2	760.17	2	410.12	2	62.18	2		2		2		2	
1/4	1,822.53	1/4	1,467.58	1/4	1,110.44	1/4	752.72	1/4	402.85	1/4	55.41	1/4		1/4		1/4		1/4	
1/2	1,815.06	1/2	1,460.10	1/2	1,102.97	1/2	745.26	1/2	395.59	1/2	49.83	1/2		1/2		1/2		1/2	
3/4	1,807.58	3/4	1,452.62	3/4	1,095.50	3/4	737.80	3/4	388.33	3/4	44.25	3/4		3/4		3/4		3/4	
3	1,800.10	3	1,445.15	3	1,088.03	3	730.35	3	381.06	3	38.66	3		3		3		3	
1/4	1,792.62	1/4	1,437.67	1/4	1,080.56	1/4	722.89	1/4	373.80	1/4	33.08	1/4		1/4		1/4		1/4	
1/2	1,785.14	1/2	1,430.19	1/2	1,073.10	1/2	715.41	1/2	366.53	1/2	28.97	1/2		1/2		1/2		1/2	
3/4	1,777.66	3/4	1,422.71	3/4	1,065.64	3/4	707.94	3/4	359.26	3/4	24.85	3/4		3/4		3/4		3/4	
4	1,770.19	4	1,415.23	4	1,058.18	4	700.46	4	351.99	4	20.74	4		4		4		4	
1/4	1,762.71	1/4	1,407.75	1/4	1,050.72	1/4	692.99	1/4	344.73	1/4	16.63	1/4		1/4		1/4		1/4	
1/2	1,755.23	1/2	1,400.27	1/2	1,043.26	1/2	685.66	1/2	337.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,747.75	3/4	1,392.79	3/4	1,035.79	3/4	678.34	3/4	330.19	3/4		3/4		3/4		3/4		3/4	
5	1,740.27	5	1,385.31	5	1,028.31	5	671.02	5	322.92	5	5	5		5		5		5	
1/4	1,732.79	1/4	1,377.83	1/4	1,020.84	1/4	663.69	1/4	315.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,725.31	1/2	1,370.35	1/2	1,013.36	1/2	656.42	1/2	308.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,717.83	3/4	1,362.87	3/4	1,005.88	3/4	649.15	3/4	300.81	3/4		3/4		3/4		3/4		3/4	
6	1,710.35	6	1,355.39	6	998.40	6	641.88	6	293.39	6	6	6		6		6		6	
1/4	1,702.87	1/4	1,347.91	1/4	990.92	1/4	634.62	1/4	285.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,695.39	1/2	1,340.43	1/2	983.44	1/2	627.35	1/2	278.58	1/2		1/2		1/2		1/2		1/2	
3/4	1,687.91	3/4	1,332.95	3/4	975.96	3/4	620.08	3/4	271.19	3/4		3/4		3/4		3/4		3/4	
7	1,680.43	7	1,325.47	7	968.48	7	612.81	7	263.79	7	7	7		7		7		7	
1/4	1,672.95	1/4	1,317.99	1/4	961.00	1/4	605.54	1/4	256.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,665.47	1/2	1,310.51	1/2	953.52	1/2	598.28	1/2	249.10	1/2		1/2		1/2		1/2		1/2	
3/4	1,657.99	3/4	1,303.03	3/4	946.04	3/4	591.01	3/4	241.81	3/4		3/4		3/4		3/4		3/4	
8	1,650.51	8	1,295.55	8	938.56	8	583.74	8	234.52	8	8	8		8		8		8	
1/4	1,643.03	1/4	1,288.07	1/4	931.08	1/4	576.47	1/4	227.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,635.55	1/2	1,280.59	1/2	923.60	1/2	569.20	1/2	219.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,628.07	3/4	1,273.11	3/4	916.12	3/4	561.94	3/4	212.69	3/4		3/4		3/4		3/4		3/4	
9	1,620.59	9	1,265.63	9	908.64	9	554.67	9	205.43	9	9	9		9		9		9	
1/4	1,613.11	1/4	1,258.15	1/4	901.16	1/4	547.40	1/4	198.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,605.63	1/2	1,250.67	1/2	893.68	1/2	540.13	1/2	190.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,601.36	3/4	1,245.04	3/4	886.78	3/4	532.86	3/4	183.65	3/4		3/4		3/4		3/4		3/4	
10	1,594.05	10	1,237.57	10	879.33	10	525.60	10	176.39	10	10	10		10		10		10	
1/4	1,586.74	1/4	1,230.11	1/4	871.88	1/4	518.33	1/4	169.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,579.36	1/2	1,222.63	1/2	864.44	1/2	511.21	1/2	161.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,571.99	3/4	1,215.15	3/4	856.99	3/4	504.09	3/4	154.65	3/4		3/4		3/4		3/4		3/4	
11	1,564.61	11	1,207.67	11	849.54	11	496.98	11	147.40	11	11	11		11		11		11	
1/4	1,557.24	1/4	1,200.19	1/4	842.09	1/4	489.86	1/4	140.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,549.78	1/2	1,192.71	1/2	834.65	1/2	482.64	1/2	132.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,542.33	3/4	1,185.23	3/4	827.20	3/4	475.42	3/4	125.70	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/02/2013 CL - SW
CALCULATED: 07/04/2013 CL
PRINTED: 07/04/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE WEB 270"

3 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 3/4"

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	4,287.28	0	4,151.61	0	4,015.27	0	3,878.93	0	3,660.88	0	3,305.00	0	2,948.53	0	2,592.17	0	2,235.28
1/4		1/4	4,284.50	1/4	4,148.77	1/4	4,012.43	1/4	3,876.09	1/4	3,653.51	1/4	3,297.58	1/4	2,941.10	1/4	2,584.75	1/4	2,227.86
1/2		1/2	4,281.72	1/2	4,145.93	1/2	4,009.59	1/2	3,873.25	1/2	3,646.14	1/2	3,290.15	1/2	2,933.67	1/2	2,577.32	1/2	2,220.44
3/4		3/4	4,278.94	3/4	4,143.09	3/4	4,006.75	3/4	3,870.41	3/4	3,638.77	3/4	3,282.72	3/4	2,926.25	3/4	2,569.89	3/4	2,213.02
1		1	4,276.16	1	4,140.25	1	4,003.91	1	3,867.57	1	3,631.39	1	3,275.30	1	2,918.82	1	2,562.46	1	2,205.62
1/4		1/4	4,273.37	1/4	4,137.41	1/4	4,001.07	1/4	3,864.73	1/4	3,624.01	1/4	3,267.87	1/4	2,911.40	1/4	2,555.03	1/4	2,198.23
1/2		1/2	4,270.59	1/2	4,134.57	1/2	3,998.23	1/2	3,861.89	1/2	3,616.82	1/2	3,260.44	1/2	2,903.98	1/2	2,547.61	1/2	2,190.83
3/4		3/4	4,267.80	3/4	4,131.73	3/4	3,995.39	3/4	3,859.05	3/4	3,609.24	3/4	3,253.02	3/4	2,896.55	3/4	2,540.18	3/4	2,183.44
2		2	4,265.01	2	4,128.89	2	3,992.55	2	3,856.20	2	3,601.85	2	3,245.59	2	2,889.13	2	2,532.75	2	2,176.05
1/4		1/4	4,262.23	1/4	4,126.05	1/4	3,989.71	1/4	3,853.36	1/4	3,594.45	1/4	3,238.16	1/4	2,881.71	1/4	2,525.32	1/4	2,168.67
1/2		1/2	4,259.44	1/2	4,123.21	1/2	3,986.87	1/2	3,850.52	1/2	3,587.06	1/2	3,230.74	1/2	2,874.29	1/2	2,517.89	1/2	2,161.28
3/4		3/4	4,256.65	3/4	4,120.37	3/4	3,984.03	3/4	3,847.67	3/4	3,579.66	3/4	3,223.31	3/4	2,866.87	3/4	2,510.46	3/4	2,153.90
3		3	4,253.82	3	4,117.53	3	3,981.19	3	3,844.82	3	3,572.26	3	3,215.88	3	2,859.44	3	2,503.03	3	2,146.51
1/4		1/4	4,251.00	1/4	4,114.68	1/4	3,978.35	1/4	3,841.98	1/4	3,564.86	1/4	3,208.46	1/4	2,852.02	1/4	2,495.59	1/4	2,139.13
1/2		1/2	4,248.17	1/2	4,111.84	1/2	3,975.51	1/2	3,839.13	1/2	3,557.46	1/2	3,201.03	1/2	2,844.60	1/2	2,488.16	1/2	2,131.74
3/4		3/4	4,245.34	3/4	4,109.00	3/4	3,972.66	3/4	3,836.29	3/4	3,550.07	3/4	3,193.61	3/4	2,837.18	3/4	2,480.72	3/4	2,124.36
4		4	4,242.50	4	4,106.16	4	3,969.82	4	3,833.22	4	3,542.64	4	3,186.18	4	2,829.75	4	2,473.28	4	2,116.97
1/4		1/4	4,239.66	1/4	4,103.32	1/4	3,966.98	1/4	3,830.15	1/4	3,535.22	1/4	3,178.75	1/4	2,822.33	1/4	2,465.84	1/4	2,109.59
1/2		1/2	4,236.82	1/2	4,100.48	1/2	3,964.14	1/2	3,827.08	1/2	3,527.80	1/2	3,171.33	1/2	2,814.91	1/2	2,458.40	1/2	2,102.21
3/4		3/4	4,233.98	3/4	4,097.64	3/4	3,961.30	3/4	3,824.02	3/4	3,520.38	3/4	3,163.90	3/4	2,807.49	3/4	2,450.96	3/4	2,094.83
5		5	4,231.14	5	4,094.80	5	3,958.46	5	3,820.38	5	3,512.95	5	3,156.47	5	2,800.07	5	2,443.53	5	2,087.45
1/4		1/4	4,228.30	1/4	4,091.96	1/4	3,955.62	1/4	3,816.75	1/4	3,505.53	1/4	3,149.05	1/4	2,792.64	1/4	2,436.09	1/4	2,080.07
1/2		1/2	4,225.46	1/2	4,089.12	1/2	3,952.78	1/2	3,813.11	1/2	3,498.10	1/2	3,141.62	1/2	2,785.22	1/2	2,428.65	1/2	2,072.69
3/4	4,345.18	3/4	4,222.62	3/4	4,086.28	3/4	3,949.94	3/4	3,809.48	3/4	3,490.67	3/4	3,134.19	3/4	2,777.80	3/4	2,421.22	3/4	2,065.31
6	4,343.71	6	4,219.78	6	4,083.44	6	3,947.10	6	3,805.18	6	3,483.24	6	3,126.77	6	2,770.38	6	2,413.78	6	2,057.92
1/4	4,342.25	1/4	4,216.94	1/4	4,080.60	1/4	3,944.26	1/4	3,800.89	1/4	3,475.82	1/4	3,119.34	1/4	2,762.96	1/4	2,406.35	1/4	2,050.54
1/2	4,340.78	1/2	4,214.10	1/2	4,077.76	1/2	3,941.42	1/2	3,796.60	1/2	3,468.39	1/2	3,111.91	1/2	2,755.53	1/2	2,398.92	1/2	2,043.16
3/4	4,339.31	3/4	4,211.26	3/4	4,074.92	3/4	3,938.58	3/4	3,792.30	3/4	3,460.96	3/4	3,104.49	3/4	2,748.11	3/4	2,391.48	3/4	2,035.78
7	4,337.44	7	4,208.42	7	4,072.08	7	3,935.74	7	3,787.35	7	3,453.54	7	3,097.06	7	2,740.69	7	2,384.04	7	2,028.40
1/4	4,335.56	1/4	4,205.58	1/4	4,069.24	1/4	3,932.90	1/4	3,782.40	1/4	3,446.11	1/4	3,089.63	1/4	2,733.27	1/4	2,376.50	1/4	2,021.01
1/2	4,333.69	1/2	4,202.74	1/2	4,066.40	1/2	3,930.06	1/2	3,777.45	1/2	3,438.68	1/2	3,082.21	1/2	2,725.85	1/2	2,369.17	1/2	2,013.63
3/4	4,331.81	3/4	4,199.90	3/4	4,063.56	3/4	3,927.22	3/4	3,772.50	3/4	3,431.26	3/4	3,074.78	3/4	2,718.42	3/4	2,361.73	3/4	2,006.24
8	4,329.53	8	4,197.06	8	4,060.72	8	3,924.38	8	3,766.89	8	3,423.83	8	3,067.35	8	2,711.00	8	2,354.29	8	1,998.86
1/4	4,327.25	1/4	4,194.22	1/4	4,057.88	1/4	3,921.54	1/4	3,761.28	1/4	3,416.40	1/4	3,059.93	1/4	2,703.58	1/4	2,346.85	1/4	1,991.48
1/2	4,324.97	1/2	4,191.38	1/2	4,055.04	1/2	3,918.70	1/2	3,756.67	1/2	3,408.98	1/2	3,052.50	1/2	2,696.16	1/2	2,339.41	1/2	1,984.09
3/4	4,322.69	3/4	4,188.54	3/4	4,052.20	3/4	3,915.86	3/4	3,750.06	3/4	3,401.55	3/4	3,045.07	3/4	2,688.73	3/4	2,331.97	3/4	1,976.71
9	4,320.06	9	4,185.69	9	4,049.36	9	3,913.02	9	3,743.80	9	3,394.12	9	3,037.65	9	2,681.31	9	2,324.53	9	1,969.33
1/4	4,317.43	1/4	4,182.85	1/4	4,046.52	1/4	3,910.18	1/4	3,737.53	1/4	3,386.70	1/4	3,030.22	1/4	2,673.88	1/4	2,317.09	1/4	1,961.95
1/2	4,314.79	1/2	4,180.01	1/2	4,043.67	1/2	3,907.34	1/2	3,731.27	1/2	3,379.27	1/2	3,022.79	1/2	2,666.46	1/2	2,309.65	1/2	1,954.58
3/4	4,312.16	3/4	4,177.17	3/4	4,040.83	3/4	3,904.50	3/4	3,725.00	3/4	3,371.84	3/4	3,015.37	3/4	2,659.03	3/4	2,302.21	3/4	1,947.20
10	4,309.41	10	4,174.33	10	4,037.99	10	3,901.65	10	3,718.09	10	3,364.42	10	3,007.94	10	2,651.60	10	2,294.77	10	1,939.83
1/4	4,306.66	1/4	4,171.49	1/4	4,035.15	1/4	3,898.81	1/4	3,711.18	1/4	3,356.99	1/4	3,000.51	1/4	2,644.17	1/4	2,287.33	1/4	1,932.46
1/2	4,303.91	1/2	4,168.65	1/2	4,032.31	1/2	3,895.97	1/2	3,704.27	1/2	3,349.56	1/2	2,993.09	1/2	2,636.74	1/2	2,279.89	1/2	1,925.08
3/4	4,301.15	3/4	4,165.81	3/4	4,029.47	3/4	3,893.13	3/4	3,697.36	3/4	3,342.14	3/4	2,985.66	3/4	2,629.32	3/4	2,272.46	3/4	1,917.71
11	4,298.38	11	4,162.97	11	4,026.63	11	3,890.29	11	3,690.08	11	3,334.71	11	2,978.23	11	2,621.89	11	2,265.02	11	1,910.33
1/4	4,295.61	1/4	4,160.13	1/4	4,023.79	1/4	3,887.45	1/4	3,682.80	1/4	3,327.28	1/4	2,970.81	1/4	2,614.46	1/4	2,257.58	1/4	1,902.95
1/2	4,292.84	1/2	4,157.29	1/2	4,020.95	1/2	3,884.61	1/2	3,675.62	1/2	3,319.86	1/2	2,963.38	1/2	2,607.03	1/2	2,250.14	1/2	1,895.57
3/4	4,290.06	3/4	4,154.45	3/4	4,018.11	3/4	3,881.77	3/4	3,668.24	3/4	3,312.43	3/4	2,955.95	3/4	2,599.60	3/4	2,242.70	3/4	1,888.18

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 58'-09" FORWARD OF AFT BULKHEAD.

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



BARGE WEB 270"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,880.80	0	1,528.21	0	1,171.06	0	827.18	0	480.35	0	132.42	0		0		0		0	
1/4	1,873.42	1/4	1,520.77	1/4	1,163.62	1/4	820.05	1/4	473.16	1/4	125.23	1/4		1/4		1/4		1/4	
1/2	1,866.03	1/2	1,513.33	1/2	1,156.18	1/2	812.92	1/2	465.98	1/2	118.04	1/2		1/2		1/2		1/2	
3/4	1,858.65	3/4	1,505.90	3/4	1,148.74	3/4	805.79	3/4	458.80	3/4	110.85	3/4		3/4		3/4		3/4	
1	1,851.26	1	1,498.46	1	1,141.51	1	798.66	1	451.56	1	103.69	1		1		1		1	
1/4	1,843.88	1/4	1,491.01	1/4	1,134.28	1/4	791.54	1/4	444.33	1/4	96.53	1/4		1/4		1/4		1/4	
1/2	1,836.49	1/2	1,483.57	1/2	1,127.05	1/2	784.41	1/2	437.09	1/2	89.37	1/2		1/2		1/2		1/2	
3/4	1,829.11	3/4	1,476.13	3/4	1,119.82	3/4	777.28	3/4	429.86	3/4	82.21	3/4		3/4		3/4		3/4	
2	1,821.70	2	1,468.69	2	1,112.66	2	770.16	2	422.63	2	75.47	2		2		2		2	
1/4	1,814.30	1/4	1,461.25	1/4	1,105.50	1/4	763.04	1/4	415.40	1/4	68.73	1/4		1/4		1/4		1/4	
1/2	1,806.89	1/2	1,453.81	1/2	1,098.34	1/2	755.92	1/2	408.17	1/2	61.99	1/2		1/2		1/2		1/2	
3/4	1,799.49	3/4	1,446.37	3/4	1,091.18	3/4	748.80	3/4	400.94	3/4	55.25	3/4		3/4		3/4		3/4	
3	1,792.06	3	1,438.93	3	1,084.02	3	741.46	3	393.71	3	49.68	3		3		3		3	
1/4	1,784.62	1/4	1,431.49	1/4	1,076.87	1/4	734.12	1/4	386.48	1/4	44.12	1/4		1/4		1/4		1/4	
1/2	1,777.19	1/2	1,424.05	1/2	1,069.72	1/2	726.77	1/2	379.25	1/2	38.55	1/2		1/2		1/2		1/2	
3/4	1,769.76	3/4	1,416.61	3/4	1,062.57	3/4	719.43	3/4	372.02	3/4	32.99	3/4		3/4		3/4		3/4	
4	1,762.44	4	1,409.17	4	1,055.43	4	712.00	4	364.79	4	28.88	4		4		4		4	
1/4	1,755.13	1/4	1,401.73	1/4	1,048.29	1/4	704.56	1/4	357.56	1/4	24.78	1/4		1/4		1/4		1/4	
1/2	1,747.81	1/2	1,394.29	1/2	1,041.14	1/2	697.12	1/2	350.32	1/2	20.68	1/2		1/2		1/2		1/2	
3/4	1,740.49	3/4	1,386.85	3/4	1,034.00	3/4	689.68	3/4	343.09	3/4	16.58	3/4		3/4		3/4		3/4	
5	1,733.21	5	1,379.41	5	1,026.87	5	682.39	5	335.86	5		5		5		5		5	
1/4	1,725.94	1/4	1,371.97	1/4	1,019.73	1/4	675.11	1/4	328.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,718.67	1/2	1,364.53	1/2	1,012.59	1/2	667.82	1/2	321.39	1/2		1/2		1/2		1/2		1/2	
3/4	1,711.39	3/4	1,357.09	3/4	1,005.46	3/4	660.53	3/4	314.16	3/4		3/4		3/4		3/4		3/4	
6	1,704.12	6	1,349.64	6	998.32	6	653.29	6	306.78	6		6		6		6		6	
1/4	1,696.84	1/4	1,342.20	1/4	991.19	1/4	646.06	1/4	299.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,689.57	1/2	1,334.76	1/2	984.06	1/2	638.82	1/2	292.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,682.30	3/4	1,327.32	3/4	976.93	3/4	631.59	3/4	284.64	3/4		3/4		3/4		3/4		3/4	
7	1,675.02	7	1,319.88	7	969.79	7	624.36	7	277.28	7		7		7		7		7	
1/4	1,667.74	1/4	1,312.44	1/4	962.66	1/4	617.12	1/4	269.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,660.46	1/2	1,305.00	1/2	955.53	1/2	609.89	1/2	262.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,653.18	3/4	1,297.56	3/4	948.40	3/4	602.66	3/4	255.22	3/4		3/4		3/4		3/4		3/4	
8	1,645.90	8	1,290.12	8	941.27	8	595.42	8	247.96	8		8		8		8		8	
1/4	1,638.62	1/4	1,282.68	1/4	934.14	1/4	588.19	1/4	240.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,631.34	1/2	1,275.24	1/2	927.00	1/2	580.96	1/2	233.45	1/2		1/2		1/2		1/2		1/2	
3/4	1,624.06	3/4	1,267.80	3/4	919.87	3/4	573.72	3/4	226.20	3/4		3/4		3/4		3/4		3/4	
9	1,616.78	9	1,260.35	9	912.74	9	566.49	9	218.97	9		9		9		9		9	
1/4	1,609.50	1/4	1,252.91	1/4	905.61	1/4	559.26	1/4	211.75	1/4		1/4		1/4		1/4		1/4	
1/2	1,602.22	1/2	1,245.47	1/2	898.48	1/2	552.02	1/2	204.52	1/2		1/2		1/2		1/2		1/2	
3/4	1,594.94	3/4	1,238.03	3/4	891.34	3/4	544.79	3/4	197.30	3/4		3/4		3/4		3/4		3/4	
10	1,587.54	10	1,230.59	10	884.21	10	537.56	10	190.08	10		10		10		10		10	
1/4	1,580.15	1/4	1,223.15	1/4	877.08	1/4	530.32	1/4	182.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,572.76	1/2	1,215.71	1/2	869.96	1/2	523.09	1/2	175.64	1/2		1/2		1/2		1/2		1/2	
3/4	1,565.37	3/4	1,208.27	3/4	862.83	3/4	515.86	3/4	168.42	3/4		3/4		3/4		3/4		3/4	
11	1,557.94	11	1,200.83	11	855.70	11	508.77	11	161.22	11		11		11		11		11	
1/4	1,550.51	1/4	1,193.39	1/4	848.57	1/4	501.69	1/4	154.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,543.08	1/2	1,185.94	1/2	841.44	1/2	494.61	1/2	146.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,535.65	3/4	1,178.50	3/4	834.31	3/4	487.53	3/4	139.61	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/02/2013 CL - SW
CALCULATED: 07/04/2013 CL
PRINTED: 07/04/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

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



BARGE WEB 270"

3 STBL 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	4,301.80	0	4,165.24	0	4,028.66	0	3,892.07	0	3,663.77	0	3,306.87	0	2,949.80	0	2,592.84	0	2,236.17		
1/4	1/4	4,298.96	1/4	4,162.39	1/4	4,025.81	1/4	3,889.23	1/4	3,656.37	1/4	3,299.43	1/4	2,942.36	1/4	2,585.40	1/4	2,228.74		
1/2	1/2	4,296.12	1/2	4,159.55	1/2	4,022.97	1/2	3,886.38	1/2	3,648.95	1/2	3,292.00	1/2	2,934.92	1/2	2,577.97	1/2	2,221.30		
3/4	3/4	4,293.28	3/4	4,156.70	3/4	4,020.12	3/4	3,883.54	3/4	3,641.63	3/4	3,284.56	3/4	2,927.49	3/4	2,570.53	3/4	2,213.87		
1	1	4,290.44	1	4,153.86	1	4,017.27	1	3,880.69	1	3,634.11	1	3,277.12	1	2,920.05	1	2,563.10	1	2,206.43		
1 1/4	1 1/4	4,287.60	1 1/4	4,151.01	1 1/4	4,014.43	1 1/4	3,877.84	1 1/4	3,626.70	1 1/4	3,269.68	1 1/4	2,912.61	1 1/4	2,555.66	1 1/4	2,199.00		
1 1/2	1 1/2	4,284.75	1 1/2	4,148.17	1 1/2	4,011.58	1 1/2	3,875.00	1 1/2	3,619.27	1 1/2	3,262.24	1 1/2	2,905.18	1 1/2	2,548.23	1 1/2	2,191.57		
3/4	3/4	4,281.91	3/4	4,145.32	3/4	4,008.74	3/4	3,872.15	3/4	3,611.84	3/4	3,254.80	3/4	2,897.74	3/4	2,540.79	3/4	2,184.13		
2	2	4,279.06	2	4,142.48	2	4,005.89	2	3,869.31	2	3,604.41	2	3,247.36	2	2,890.31	2	2,533.36	2	2,176.70		
2 1/4	2 1/4	4,276.22	2 1/4	4,139.63	2 1/4	4,003.05	2 1/4	3,866.46	2 1/4	3,596.98	2 1/4	3,239.92	2 1/4	2,882.88	2 1/4	2,525.92	2 1/4	2,169.26		
2 1/2	2 1/2	4,273.37	2 1/2	4,136.79	2 1/2	4,000.20	2 1/2	3,863.62	2 1/2	3,589.55	2 1/2	3,232.48	2 1/2	2,875.44	2 1/2	2,518.49	2 1/2	2,161.86		
3/4	3/4	4,270.53	3/4	4,133.94	3/4	3,997.36	3/4	3,860.77	3/4	3,582.11	3/4	3,225.04	3/4	2,868.01	3/4	2,511.05	3/4	2,154.46		
3	3	4,267.68	3	4,131.09	3	3,994.51	3	3,857.93	3	3,574.67	3	3,217.60	3	2,860.57	3	2,503.62	3	2,147.05		
3 1/4	3 1/4	4,264.83	3 1/4	4,128.25	3 1/4	3,991.66	3 1/4	3,855.08	3 1/4	3,567.24	3 1/4	3,210.16	3 1/4	2,853.14	3 1/4	2,496.18	3 1/4	2,139.65		
3 1/2	3 1/2	4,261.99	3 1/2	4,125.40	3 1/2	3,988.82	3 1/2	3,851.99	3 1/2	3,559.80	3 1/2	3,202.73	3 1/2	2,845.70	3 1/2	2,488.75	3 1/2	2,132.26		
3/4	3/4	4,259.14	3/4	4,122.56	3/4	3,985.97	3/4	3,848.90	3/4	3,552.36	3/4	3,195.29	3/4	2,838.27	3/4	2,481.32	3/4	2,124.87		
4	4	4,256.30	4	4,119.71	4	3,983.13	4	3,845.80	4	3,544.92	4	3,187.85	4	2,830.83	4	2,473.88	4	2,117.48		
4 1/4	4 1/4	4,253.45	4 1/4	4,116.87	4 1/4	3,980.28	4 1/4	3,842.71	4 1/4	3,537.48	4 1/4	3,180.41	4 1/4	2,823.40	4 1/4	2,466.45	4 1/4	2,110.09		
4 1/2	4 1/2	4,250.61	4 1/2	4,114.02	4 1/2	3,977.44	4 1/2	3,839.04	4 1/2	3,530.05	4 1/2	3,172.97	4 1/2	2,815.96	4 1/2	2,459.01	4 1/2	2,102.71		
3/4	3/4	4,247.76	3/4	4,111.18	3/4	3,974.59	3/4	3,835.37	3/4	3,522.61	3/4	3,165.53	3/4	2,808.53	3/4	2,451.58	3/4	2,095.32		
5	5	4,244.91	5	4,108.33	5	3,971.75	5	3,831.71	5	3,515.17	5	3,158.09	5	2,801.10	5	2,444.15	5	2,087.93		
5 1/4	5 1/4	4,366.77	5 1/4	4,242.07	5 1/4	4,105.48	5 1/4	3,968.90	5 1/4	3,828.04	5 1/4	3,507.73	5 1/4	3,150.65	5 1/4	2,793.66	5 1/4	2,436.72	5 1/4	2,080.55
5 1/2	5 1/2	4,365.25	5 1/2	4,239.22	5 1/2	4,102.64	5 1/2	3,966.06	5 1/2	3,823.71	5 1/2	3,500.29	5 1/2	3,143.21	5 1/2	2,786.23	5 1/2	2,429.29	5 1/2	2,073.16
3/4	3/4	4,363.73	3/4	4,236.38	3/4	4,099.79	3/4	3,963.21	3/4	3,819.38	3/4	3,492.85	3/4	3,135.77	3/4	2,778.79	3/4	2,421.86	3/4	2,066.77
6	6	4,362.20	6	4,233.53	6	4,096.95	6	3,960.36	6	3,815.06	6	3,485.41	6	3,128.33	6	2,771.36	6	2,414.43	6	2,058.38
6 1/4	6 1/4	4,360.68	6 1/4	4,230.69	6 1/4	4,094.10	6 1/4	3,957.52	6 1/4	3,810.73	6 1/4	3,477.97	6 1/4	3,120.90	6 1/4	2,763.92	6 1/4	2,407.00	6 1/4	2,050.99
6 1/2	6 1/2	4,358.75	6 1/2	4,227.84	6 1/2	4,091.26	6 1/2	3,954.67	6 1/2	3,805.75	6 1/2	3,470.53	6 1/2	3,113.46	6 1/2	2,756.49	6 1/2	2,399.57	6 1/2	2,043.60
3/4	3/4	4,356.82	3/4	4,225.00	3/4	4,088.41	3/4	3,951.83	3/4	3,800.76	3/4	3,463.09	3/4	3,106.02	3/4	2,749.05	3/4	2,392.14	3/4	2,036.21
7	7	4,354.89	7	4,222.15	7	4,085.57	7	3,948.98	7	3,795.78	7	3,455.66	7	3,098.58	7	2,741.62	7	2,384.70	7	2,028.82
7 1/4	7 1/4	4,352.96	7 1/4	4,219.30	7 1/4	4,082.72	7 1/4	3,946.14	7 1/4	3,790.79	7 1/4	3,448.22	7 1/4	3,091.14	7 1/4	2,734.19	7 1/4	2,377.27	7 1/4	2,021.43
7 1/2	7 1/2	4,350.62	7 1/2	4,216.46	7 1/2	4,079.88	7 1/2	3,943.29	7 1/2	3,785.15	7 1/2	3,440.78	7 1/2	3,083.70	7 1/2	2,726.75	7 1/2	2,369.84	7 1/2	2,014.04
3/4	3/4	4,348.28	3/4	4,213.61	3/4	4,077.03	3/4	3,940.45	3/4	3,779.50	3/4	3,433.34	3/4	3,076.26	3/4	2,719.32	3/4	2,362.41	3/4	2,006.65
8	8	4,345.95	8	4,210.77	8	4,074.18	8	3,937.60	8	3,773.86	8	3,425.90	8	3,068.82	8	2,711.88	8	2,354.97	8	1,999.25
8 1/4	8 1/4	4,343.61	8 1/4	4,207.92	8 1/4	4,071.34	8 1/4	3,934.75	8 1/4	3,768.22	8 1/4	3,418.46	8 1/4	3,061.38	8 1/4	2,704.45	8 1/4	2,347.54	8 1/4	1,991.86
8 1/2	8 1/2	4,340.92	8 1/2	4,205.08	8 1/2	4,068.49	8 1/2	3,931.91	8 1/2	3,761.92	8 1/2	3,411.02	8 1/2	3,053.94	8 1/2	2,697.01	8 1/2	2,340.11	8 1/2	1,984.47
3/4	3/4	4,338.23	3/4	4,202.23	3/4	4,065.65	3/4	3,929.06	3/4	3,755.62	3/4	3,403.58	3/4	3,046.50	3/4	2,689.57	3/4	2,332.69	3/4	1,977.08
9	9	4,335.54	9	4,199.39	9	4,062.80	9	3,926.22	9	3,749.31	9	3,396.14	9	3,039.07	9	2,682.13	9	2,325.26	9	1,969.69
9 1/4	9 1/4	4,332.86	9 1/4	4,196.54	9 1/4	4,059.96	9 1/4	3,923.37	9 1/4	3,743.01	9 1/4	3,388.70	9 1/4	3,031.63	9 1/4	2,674.69	9 1/4	2,317.84	9 1/4	1,962.29
9 1/2	9 1/2	4,330.05	9 1/2	4,193.70	9 1/2	4,057.11	9 1/2	3,920.53	9 1/2	3,736.07	9 1/2	3,381.26	9 1/2	3,024.19	9 1/2	2,667.25	9 1/2	2,310.42	9 1/2	1,954.90
3/4	3/4	4,327.24	3/4	4,190.85	3/4	4,054.27	3/4	3,917.68	3/4	3,729.12	3/4	3,373.83	3/4	3,016.75	3/4	2,659.81	3/4	2,303.00	3/4	1,947.51
10	10	4,324.43	10	4,188.00	10	4,051.42	10	3,914.84	10	3,722.18	10	3,366.39	10	3,009.31	10	2,652.37	10	2,295.58	10	1,940.12
10 1/4	10 1/4	4,321.62	10 1/4	4,185.16	10 1/4	4,048.57	10 1/4	3,911.99	10 1/4	3,715.23	10 1/4	3,358.95	10 1/4	3,001.87	10 1/4	2,644.93	10 1/4	2,288.16	10 1/4	1,932.73
10 1/2	10 1/2	4,318.79	10 1/2	4,182.31	10 1/2	4,045.73	10 1/2	3,909.15	10 1/2	3,707.92	10 1/2	3,351.51	10 1/2	2,994.43	10 1/2	2,637.49	10 1/2	2,280.73	10 1/2	1,925.34
3/4	3/4	4,315.97	3/4	4,179.47	3/4	4,042.88	3/4	3,906.30	3/4	3,700.61	3/4	3,344.07	3/4	2,986.99	3/4	2,630.05	3/4	2,273.31	3/4	1,917.94
11	11	4,313.14	11	4,176.62	11	4,040.04	11	3,903.45	11	3,693.29	11	3,336.63	11	2,979.55	11	2,622.61	11	2,265.88	11	1,910.55
11 1/4	11 1/4	4,310.31	11 1/4	4,173.78	11 1/4	4,037.19	11 1/4	3,900.61	11 1/4	3,685.98	11 1/4	3,329.19	11 1/4	2,972.11	11 1/4	2,615.17	11 1/4	2,258.46	11 1/4	1,903.16
11 1/2	11 1/2	4,307.47	11 1/2	4,170.93	11 1/2	4,034.35	11 1/2	3,897.76	11 1/2	3,678.58	11 1/2	3,321.75	11 1/2	2,964.67	11 1/2	2,607.73	11 1/2	2,251.03	11 1/2	1,895.77
3/4	3/4	4,304.64	3/4	4,168.09	3/4	4,031.50	3/4	3,894.92	3/4	3,671.17	3/4	3,314.31	3/4	2,957.24	3/4	2,600.29	3/4	2,243.60	3/4	1,886.38

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 68'-09" FORWARD OF AFT BULKHEAD.

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



BARGE WEB 270"

3 STBL ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,880.99	0	1,528.64	0	1,171.87	0	815.60	0	465.86	0	118.01	0		0		0		0	
1/4	1,873.59	1/4	1,521.20	1/4	1,164.43	1/4	808.19	1/4	458.68	1/4	110.83	1/4		1/4		1/4		1/4	
1/2	1,866.20	1/2	1,513.75	1/2	1,156.98	1/2	800.78	1/2	451.45	1/2	103.67	1/2		1/2		1/2		1/2	
3/4	1,858.81	3/4	1,506.31	3/4	1,149.54	3/4	793.36	3/4	444.21	3/4	96.51	3/4		3/4		3/4		3/4	
1	1,851.42	1	1,498.87	1	1,142.10	1	785.95	1	436.98	1	89.35	1		1		1		1	
1/4	1,844.03	1/4	1,491.43	1/4	1,134.65	1/4	778.54	1/4	429.75	1/4	82.19	1/4		1/4		1/4		1/4	
1/2	1,836.64	1/2	1,483.98	1/2	1,127.21	1/2	771.13	1/2	422.52	1/2	75.46	1/2		1/2		1/2		1/2	
3/4	1,829.24	3/4	1,476.54	3/4	1,119.77	3/4	763.72	3/4	415.29	3/4	68.72	3/4		3/4		3/4		3/4	
2	1,821.85	2	1,469.10	2	1,112.33	2	756.30	2	408.06	2	61.98	2		2		2		2	
1/4	1,814.46	1/4	1,461.66	1/4	1,104.88	1/4	748.89	1/4	400.83	1/4	55.24	1/4		1/4		1/4		1/4	
1/2	1,807.07	1/2	1,454.22	1/2	1,097.45	1/2	741.48	1/2	393.60	1/2	49.67	1/2		1/2		1/2		1/2	
3/4	1,799.68	3/4	1,446.77	3/4	1,090.01	3/4	734.06	3/4	386.38	3/4	44.11	3/4		3/4		3/4		3/4	
3	1,792.29	3	1,439.33	3	1,082.58	3	726.65	3	379.15	3	38.54	3		3		3		3	
1/4	1,784.89	1/4	1,431.89	1/4	1,075.14	1/4	719.23	1/4	371.92	1/4	32.98	1/4		1/4		1/4		1/4	
1/2	1,777.50	1/2	1,424.45	1/2	1,067.72	1/2	711.80	1/2	364.69	1/2	28.88	1/2		1/2		1/2		1/2	
3/4	1,770.11	3/4	1,417.00	3/4	1,060.29	3/4	704.37	3/4	357.46	3/4	24.78	3/4		3/4		3/4		3/4	
4	1,762.72	4	1,409.56	4	1,052.87	4	696.94	4	350.23	4	20.68	4		4		4		4	
1/4	1,755.33	1/4	1,402.12	1/4	1,045.45	1/4	689.51	1/4	343.00	1/4	16.58	1/4		1/4		1/4		1/4	
1/2	1,748.02	1/2	1,394.70	1/2	1,038.03	1/2	682.23	1/2	335.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,740.72	3/4	1,387.28	3/4	1,030.61	3/4	674.94	3/4	328.54	3/4		3/4		3/4		3/4		3/4	
5	1,733.41	5	1,379.86	5	1,023.19	5	667.66	5	321.31	5		5		5		5		5	
1/4	1,726.10	1/4	1,372.44	1/4	1,015.77	1/4	660.37	1/4	314.08	1/4		1/4		1/4		1/4		1/4	
1/2	1,718.83	1/2	1,365.03	1/2	1,008.35	1/2	653.14	1/2	306.70	1/2		1/2		1/2		1/2		1/2	
3/4	1,711.55	3/4	1,357.61	3/4	1,000.94	3/4	645.91	3/4	299.31	3/4		3/4		3/4		3/4		3/4	
6	1,704.27	6	1,350.20	6	993.52	6	638.67	6	291.93	6		6		6		6		6	
1/4	1,697.00	1/4	1,342.79	1/4	986.11	1/4	631.44	1/4	284.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,689.72	1/2	1,335.38	1/2	978.69	1/2	624.21	1/2	277.20	1/2		1/2		1/2		1/2		1/2	
3/4	1,682.44	3/4	1,327.96	3/4	971.28	3/4	616.98	3/4	269.84	3/4		3/4		3/4		3/4		3/4	
7	1,675.17	7	1,320.55	7	963.86	7	609.74	7	262.49	7		7		7		7		7	
1/4	1,667.89	1/4	1,313.14	1/4	956.45	1/4	602.51	1/4	255.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,660.61	1/2	1,305.72	1/2	949.03	1/2	595.28	1/2	247.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,653.34	3/4	1,298.31	3/4	941.62	3/4	588.05	3/4	240.63	3/4		3/4		3/4		3/4		3/4	
8	1,646.06	8	1,290.90	8	934.20	8	580.82	8	233.38	8		8		8		8		8	
1/4	1,638.78	1/4	1,283.48	1/4	926.79	1/4	573.58	1/4	226.13	1/4		1/4		1/4		1/4		1/4	
1/2	1,631.50	1/2	1,276.05	1/2	919.37	1/2	566.35	1/2	218.91	1/2		1/2		1/2		1/2		1/2	
3/4	1,624.23	3/4	1,268.61	3/4	911.96	3/4	559.12	3/4	211.68	3/4		3/4		3/4		3/4		3/4	
9	1,616.95	9	1,261.18	9	904.55	9	551.89	9	204.46	9		9		9		9		9	
1/4	1,609.67	1/4	1,253.74	1/4	897.13	1/4	544.66	1/4	197.24	1/4		1/4		1/4		1/4		1/4	
1/2	1,602.40	1/2	1,246.30	1/2	889.72	1/2	537.43	1/2	190.02	1/2		1/2		1/2		1/2		1/2	
3/4	1,595.12	3/4	1,238.86	3/4	882.31	3/4	530.19	3/4	182.81	3/4		3/4		3/4		3/4		3/4	
10	1,587.84	10	1,231.41	10	874.89	10	522.96	10	175.59	10		10		10		10		10	
1/4	1,580.57	1/4	1,223.97	1/4	867.48	1/4	515.73	1/4	168.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,573.17	1/2	1,216.53	1/2	860.07	1/2	508.65	1/2	161.17	1/2		1/2		1/2		1/2		1/2	
3/4	1,565.77	3/4	1,209.08	3/4	852.66	3/4	501.57	3/4	153.97	3/4		3/4		3/4		3/4		3/4	
11	1,558.36	11	1,201.64	11	845.25	11	494.49	11	146.77	11		11		11		11		11	
1/4	1,550.96	1/4	1,194.20	1/4	837.83	1/4	487.41	1/4	139.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,543.52	1/2	1,186.76	1/2	830.42	1/2	480.22	1/2	132.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,536.08	3/4	1,179.31	3/4	823.01	3/4	473.04	3/4	125.20	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/02/2013 CL - SW
CALCULATED: 07/04/2013 CL
PRINTED: 07/04/2013 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT
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