



BARGE "WEB 349"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-1/8	00-1/8
2 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
2 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-1/2	01-1/2
3 PORT	- 00-1/8	00-1/8	- 00-1/8	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
3 STBD	- 00-1/8	00-1/8	- 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
4 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 2 PORT IS 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 238'-00"

June 6, 2014

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 349"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07 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			
0		0		0		0	7,063.13	0	6,561.19	0	6,069.22	0	5,576.20	0	5,080.75	0	4,586.31	0	4,089.86		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,043.06	1/4	6,560.94	1/4	6,068.97	1/4	5,565.88	1/4	5,070.43	1/4	4,574.98	1/4	4,079.54		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,032.81	1/2	6,540.69	1/2	6,048.73	1/2	5,555.55	1/2	5,060.11	1/2	4,564.66	1/2	4,069.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,022.56	3/4	6,530.44	3/4	6,038.48	3/4	5,545.23	3/4	5,049.79	3/4	4,554.34	3/4	4,058.89		
1		1		1		1	7,012.31	1	6,520.19	1	6,028.23	1	5,534.91	1	5,039.46	1	4,544.02	1	4,048.57		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,002.06	1/4	6,509.94	1/4	6,017.98	1/4	5,524.59	1/4	5,029.14	1/4	4,533.70	1/4	4,038.25		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,991.80	1/2	6,499.69	1/2	6,007.73	1/2	5,514.27	1/2	5,018.82	1/2	4,523.37	1/2	4,027.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,981.53	3/4	6,489.45	3/4	5,997.48	3/4	5,503.95	3/4	5,008.50	3/4	4,513.05	3/4	4,017.61		
2		2		2		2	6,971.27	2	6,479.20	2	5,987.23	2	5,493.62	2	4,998.18	2	4,502.73	2	4,007.28		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,961.00	1/4	6,468.95	1/4	5,976.98	1/4	5,483.30	1/4	4,987.86	1/4	4,492.41	1/4	3,996.96		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,950.73	1/2	6,458.70	1/2	5,966.73	1/2	5,472.98	1/2	4,977.63	1/2	4,482.09	1/2	3,986.64		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,940.46	3/4	6,448.45	3/4	5,956.48	3/4	5,462.66	3/4	4,967.21	3/4	4,471.77	3/4	3,976.32		
3		3		3		3	6,930.19	3	6,438.20	3	5,946.23	3	5,452.34	3	4,956.89	3	4,461.44	3	3,966.00		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,919.93	1/4	6,427.95	1/4	5,935.98	1/4	5,442.01	1/4	4,946.67	1/4	4,451.12	1/4	3,955.68		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,909.67	1/2	6,417.70	1/2	5,925.73	1/2	5,431.69	1/2	4,936.25	1/2	4,440.80	1/2	3,945.35		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,899.42	3/4	6,407.45	3/4	5,915.48	3/4	5,421.37	3/4	4,925.92	3/4	4,430.48	3/4	3,935.03		
4		4		4		4	6,889.17	4	6,397.20	4	5,905.23	4	5,411.05	4	4,915.60	4	4,420.16	4	3,924.71		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,878.92	1/4	6,386.95	1/4	5,894.99	1/4	5,400.73	1/4	4,905.28	1/4	4,409.83	1/4	3,914.39		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,868.67	1/2	6,376.70	1/2	5,884.74	1/2	5,390.41	1/2	4,894.96	1/2	4,399.61	1/2	3,904.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,858.42	3/4	6,366.45	3/4	5,874.49	3/4	5,380.08	3/4	4,884.64	3/4	4,389.19	3/4	3,893.74		
5		5		5		5	6,848.17	5	6,356.20	5	5,864.24	5	5,369.76	5	4,874.32	5	4,378.87	5	3,883.42		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,837.92	1/4	6,346.95	1/4	5,853.99	1/4	5,359.44	1/4	4,863.99	1/4	4,368.55	1/4	3,873.10		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,827.67	1/2	6,336.71	1/2	5,843.74	1/2	5,349.12	1/2	4,853.67	1/2	4,358.23	1/2	3,862.78		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,817.42	3/4	6,326.46	3/4	5,833.49	3/4	5,338.80	3/4	4,843.35	3/4	4,347.90	3/4	3,852.46		
6		6		6		6	6,807.17	6	6,316.21	6	5,823.24	6	5,328.47	6	4,833.03	6	4,337.58	6	3,842.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,796.92	1/4	6,304.96	1/4	5,812.99	1/4	5,318.15	1/4	4,822.71	1/4	4,327.26	1/4	3,831.81		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,786.67	1/2	6,294.71	1/2	5,802.74	1/2	5,307.83	1/2	4,812.38	1/2	4,316.94	1/2	3,821.49		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,176.28	3/4	6,776.43	3/4	6,284.46	3/4	5,792.49	3/4	5,297.51	3/4	4,802.06	3/4	4,306.62	3/4	3,811.17
7		7		7		7	7,175.48	7	6,766.18	7	6,274.21	7	5,782.24	7	5,287.19	7	4,791.74	7	4,296.29	7	3,800.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,174.69	1/4	6,755.93	1/4	6,263.96	1/4	5,771.99	1/4	5,276.87	1/4	4,781.42	1/4	4,285.97	1/4	3,790.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,172.08	1/2	6,745.68	1/2	6,253.71	1/2	5,761.74	1/2	5,266.54	1/2	4,771.10	1/2	4,275.65	1/2	3,780.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,169.48	3/4	6,735.43	3/4	6,243.46	3/4	5,751.50	3/4	5,256.22	3/4	4,760.78	3/4	4,265.33	3/4	3,769.84
8		8		8		8	7,166.87	8	6,726.18	8	6,233.21	8	5,741.25	8	5,245.90	8	4,750.45	8	4,255.01	8	3,759.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,164.27	1/4	6,714.93	1/4	6,222.96	1/4	5,731.00	1/4	5,235.58	1/4	4,740.13	1/4	4,244.69	1/4	3,749.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,161.69	1/2	6,704.68	1/2	6,212.71	1/2	5,720.68	1/2	5,225.26	1/2	4,729.81	1/2	4,234.36	1/2	3,738.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,154.92	3/4	6,694.43	3/4	6,202.46	3/4	5,710.37	3/4	5,214.93	3/4	4,719.49	3/4	4,224.04	3/4	3,728.47
9		9		9		9	7,150.24	9	6,684.18	9	6,192.22	9	5,700.05	9	5,204.61	9	4,709.17	9	4,213.72	9	3,718.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,145.57	1/4	6,673.93	1/4	6,181.97	1/4	5,689.74	1/4	5,194.29	1/4	4,698.84	1/4	4,203.40	1/4	3,707.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,138.83	1/2	6,663.68	1/2	6,171.72	1/2	5,679.42	1/2	5,183.97	1/2	4,688.52	1/2	4,193.08	1/2	3,697.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,132.08	3/4	6,653.43	3/4	6,161.47	3/4	5,669.09	3/4	5,173.65	3/4	4,678.20	3/4	4,182.75	3/4	3,687.11
10		10		10		10	7,125.34	10	6,643.18	10	6,151.22	10	5,658.77	10	5,163.33	10	4,667.88	10	4,172.43	10	3,676.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,118.60	1/4	6,632.94	1/4	6,140.97	1/4	5,648.46	1/4	5,153.00	1/4	4,657.56	1/4	4,162.11	1/4	3,666.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,109.79	1/2	6,622.69	1/2	6,130.72	1/2	5,638.13	1/2	5,142.68	1/2	4,647.24	1/2	4,151.79	1/2	3,656.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,100.98	3/4	6,612.44	3/4	6,120.47	3/4	5,627.81	3/4	5,132.36	3/4	4,636.91	3/4	4,141.47	3/4	3,645.74
11		11		11		11	7,092.17	11	6,602.19	11	6,110.22	11	5,617.49	11	5,122.04	11	4,626.59	11	4,131.15	11	3,635.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,083.36	1/4	6,591.94	1/4	6,099.97	1/4	5,607.16	1/4	5,111.72	1/4	4,616.27	1/4	4,120.82	1/4	3,625.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,073.28	1/2	6,581.69	1/2	6,089.72	1/2	5,596.84	1/2	5,101.40	1/2	4,605.95	1/2	4,110.50	1/2	3,614.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,063.21	3/4	6,571.44	3/4	6,079.47	3/4	5,586.52	3/4	5,091.07	3/4	4,595.63	3/4	4,100.18	3/4	3,604.38

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 1'-00" OFF CENTERLINE AND 29'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
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BARGE "WEB 349"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07 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	3,594.04	0	3,097.67	0	2,601.30	0	2,104.94	0	1,608.57	0	1,112.69	0	617.07	0	174.47	0		0	
1/4	3,583.70	1/4	3,087.33	1/4	2,590.96	1/4	2,094.59	1/4	1,598.23	1/4	1,102.27	1/4	606.81	1/4	166.23	1/4		1/4	
1/2	3,573.36	1/2	3,076.99	1/2	2,580.62	1/2	2,084.26	1/2	1,587.89	1/2	1,091.96	1/2	596.70	1/2	158.16	1/2		1/2	
3/4	3,563.02	3/4	3,066.65	3/4	2,570.28	3/4	2,073.91	3/4	1,577.54	3/4	1,081.63	3/4	586.59	3/4	150.10	3/4		3/4	
1	3,552.68	1	3,056.31	1	2,559.94	1	2,063.57	1	1,567.20	1	1,071.31	1	576.48	1	142.03	1		1	
1/4	3,542.33	1/4	3,045.97	1/4	2,549.60	1/4	2,053.23	1/4	1,556.86	1/4	1,060.99	1/4	566.37	1/4	133.97	1/4		1/4	
1/2	3,531.99	1/2	3,035.63	1/2	2,539.26	1/2	2,042.89	1/2	1,546.52	1/2	1,050.67	1/2	556.43	1/2	126.10	1/2		1/2	
3/4	3,521.65	3/4	3,025.28	3/4	2,528.92	3/4	2,032.55	3/4	1,536.18	3/4	1,040.36	3/4	546.49	3/4	118.22	3/4		3/4	
2	3,511.31	2	3,014.94	2	2,518.58	2	2,022.21	2	1,525.84	2	1,030.03	2	536.55	2	110.35	2		2	
1/4	3,500.97	1/4	3,004.60	1/4	2,508.23	1/4	2,011.87	1/4	1,515.50	1/4	1,019.71	1/4	526.62	1/4	102.47	1/4		1/4	
1/2	3,490.63	1/2	2,994.26	1/2	2,497.89	1/2	2,001.53	1/2	1,505.16	1/2	1,009.39	1/2	516.84	1/2	94.80	1/2		1/2	
3/4	3,480.29	3/4	2,983.92	3/4	2,487.55	3/4	1,991.18	3/4	1,494.82	3/4	999.07	3/4	507.07	3/4	87.12	3/4		3/4	
3	3,469.95	3	2,973.58	3	2,477.21	3	1,980.84	3	1,484.48	3	988.75	3	497.30	3	79.45	3		3	
1/4	3,459.61	1/4	2,963.24	1/4	2,466.87	1/4	1,970.50	1/4	1,474.13	1/4	978.43	1/4	487.53	1/4	71.77	1/4		1/4	
1/2	3,449.27	1/2	2,952.90	1/2	2,456.53	1/2	1,960.16	1/2	1,463.79	1/2	968.11	1/2	477.93	1/2	64.32	1/2		1/2	
3/4	3,438.92	3/4	2,942.56	3/4	2,446.19	3/4	1,949.82	3/4	1,453.45	3/4	957.79	3/4	468.33	3/4	56.87	3/4		3/4	
4	3,428.58	4	2,932.22	4	2,435.85	4	1,939.48	4	1,443.11	4	947.47	4	458.73	4	49.42	4		4	
1/4	3,418.24	1/4	2,921.87	1/4	2,425.51	1/4	1,929.14	1/4	1,432.77	1/4	937.15	1/4	449.13	1/4	41.97	1/4		1/4	
1/2	3,407.90	1/2	2,911.53	1/2	2,415.17	1/2	1,918.80	1/2	1,422.43	1/2	926.83	1/2	439.69	1/2	36.09	1/2		1/2	
3/4	3,397.56	3/4	2,901.19	3/4	2,404.82	3/4	1,908.46	3/4	1,412.09	3/4	916.51	3/4	430.26	3/4	30.22	3/4		3/4	
5	3,387.22	5	2,890.85	5	2,394.48	5	1,898.12	5	1,401.75	5	906.19	5	420.83	5	24.34	5		5	
1/4	3,376.88	1/4	2,880.51	1/4	2,384.14	1/4	1,887.77	1/4	1,391.41	1/4	895.87	1/4	411.40	1/4	18.47	1/4		1/4	
1/2	3,366.54	1/2	2,870.17	1/2	2,373.80	1/2	1,877.43	1/2	1,381.07	1/2	885.55	1/2	402.13	1/2	15.97	1/2		1/2	
3/4	3,356.20	3/4	2,859.83	3/4	2,363.46	3/4	1,867.09	3/4	1,370.72	3/4	875.23	3/4	392.87	3/4	13.47	3/4		3/4	
6	3,345.86	6	2,849.49	6	2,353.12	6	1,856.75	6	1,360.38	6	864.91	6	383.60	6	10.97	6		6	
1/4	3,335.51	1/4	2,839.15	1/4	2,342.78	1/4	1,846.41	1/4	1,350.04	1/4	854.59	1/4	374.34	1/4	8.48	1/4		1/4	
1/2	3,325.17	1/2	2,828.81	1/2	2,332.44	1/2	1,836.07	1/2	1,339.70	1/2	844.27	1/2	365.25	1/2	6.71	1/2		1/2	
3/4	3,314.83	3/4	2,818.46	3/4	2,322.10	3/4	1,825.73	3/4	1,329.36	3/4	833.95	3/4	356.15	3/4	4.95	3/4		3/4	
7	3,304.49	7	2,808.12	7	2,311.76	7	1,815.39	7	1,319.02	7	823.63	7	347.06	7	3.19	7		7	
1/4	3,294.15	1/4	2,797.78	1/4	2,301.41	1/4	1,805.05	1/4	1,308.68	1/4	813.31	1/4	337.96	1/4	1.42	1/4		1/4	
1/2	3,283.81	1/2	2,787.44	1/2	2,291.07	1/2	1,794.71	1/2	1,298.36	1/2	802.98	1/2	329.04	1/2		1/2		1/2	
3/4	3,273.47	3/4	2,777.10	3/4	2,280.73	3/4	1,784.36	3/4	1,288.03	3/4	792.64	3/4	320.11	3/4		3/4		3/4	
8	3,263.13	8	2,766.76	8	2,270.39	8	1,774.02	8	1,277.71	8	782.30	8	311.18	8		8		8	
1/4	3,252.79	1/4	2,756.42	1/4	2,260.05	1/4	1,763.68	1/4	1,267.39	1/4	771.96	1/4	302.26	1/4		1/4		1/4	
1/2	3,242.45	1/2	2,746.08	1/2	2,249.71	1/2	1,753.34	1/2	1,257.07	1/2	761.62	1/2	293.50	1/2		1/2		1/2	
3/4	3,232.10	3/4	2,735.74	3/4	2,239.37	3/4	1,743.00	3/4	1,246.75	3/4	751.28	3/4	284.74	3/4		3/4		3/4	
9	3,221.76	9	2,725.40	9	2,229.03	9	1,732.66	9	1,236.43	9	740.94	9	275.99	9		9		9	
1/4	3,211.42	1/4	2,715.05	1/4	2,218.69	1/4	1,722.32	1/4	1,226.11	1/4	730.60	1/4	267.23	1/4		1/4		1/4	
1/2	3,201.08	1/2	2,704.71	1/2	2,208.35	1/2	1,711.98	1/2	1,215.79	1/2	720.26	1/2	258.64	1/2		1/2		1/2	
3/4	3,190.74	3/4	2,694.37	3/4	2,198.00	3/4	1,701.64	3/4	1,205.47	3/4	709.92	3/4	250.05	3/4		3/4		3/4	
10	3,180.40	10	2,684.03	10	2,187.66	10	1,691.30	10	1,195.15	10	699.58	10	241.46	10		10		10	
1/4	3,170.06	1/4	2,673.69	1/4	2,177.32	1/4	1,680.95	1/4	1,184.83	1/4	689.24	1/4	232.88	1/4		1/4		1/4	
1/2	3,159.72	1/2	2,663.35	1/2	2,166.98	1/2	1,670.61	1/2	1,174.51	1/2	678.90	1/2	224.46	1/2		1/2		1/2	
3/4	3,149.38	3/4	2,653.01	3/4	2,156.64	3/4	1,660.27	3/4	1,164.19	3/4	668.56	3/4	216.04	3/4		3/4		3/4	
11	3,139.04	11	2,642.67	11	2,146.30	11	1,649.93	11	1,153.87	11	658.21	11	207.62	11		11		11	
1/4	3,128.69	1/4	2,632.33	1/4	2,135.96	1/4	1,639.59	1/4	1,143.55	1/4	647.87	1/4	199.20	1/4		1/4		1/4	
1/2	3,118.35	1/2	2,621.99	1/2	2,125.62	1/2	1,629.25	1/2	1,133.23	1/2	637.61	1/2	190.96	1/2		1/2		1/2	
3/4	3,108.01	3/4	2,611.64	3/4	2,115.28	3/4	1,618.91	3/4	1,122.91	3/4	627.34	3/4	182.71	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2014 CL
CALCULATED: 06/06/2014 CL
PRINTED: 06/06/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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



BARGE "WEB 349"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,064.59	0	3,781.55	0	3,498.55	0	3,214.72	0	2,929.80	0	2,644.88	0	2,359.96
1/4		1/4		1/4		1/4	4,068.69	1/4	3,776.66	1/4	3,492.66	1/4	3,208.78	1/4	2,923.87	1/4	2,638.95	1/4	2,354.03
1/2		1/2		1/2		1/2	4,062.78	1/2	3,769.76	1/2	3,486.76	1/2	3,202.85	1/2	2,917.93	1/2	2,633.01	1/2	2,348.09
3/4		3/4		3/4		3/4	4,046.88	3/4	3,763.87	3/4	3,480.86	3/4	3,196.91	3/4	2,911.99	3/4	2,627.08	3/4	2,342.16
1		1		1		1	4,040.98	1	3,757.97	1	3,474.97	1	3,190.98	1	2,906.06	1	2,621.14	1	2,336.22
1/4		1/4		1/4		1/4	4,035.08	1/4	3,752.08	1/4	3,469.07	1/4	3,185.04	1/4	2,900.12	1/4	2,615.20	1/4	2,330.29
1/2		1/2		1/2		1/2	4,029.18	1/2	3,746.18	1/2	3,463.18	1/2	3,179.10	1/2	2,894.19	1/2	2,609.27	1/2	2,324.35
3/4		3/4		3/4		3/4	4,023.29	3/4	3,740.28	3/4	3,457.28	3/4	3,173.17	3/4	2,888.25	3/4	2,603.33	3/4	2,318.41
2		2		2		2	4,017.39	2	3,734.39	2	3,451.38	2	3,167.23	2	2,882.31	2	2,597.40	2	2,312.48
1/4		1/4		1/4		1/4	4,011.49	1/4	3,728.49	1/4	3,445.49	1/4	3,161.30	1/4	2,876.38	1/4	2,591.46	1/4	2,306.54
1/2		1/2		1/2		1/2	4,005.60	1/2	3,722.60	1/2	3,439.59	1/2	3,155.36	1/2	2,870.44	1/2	2,585.52	1/2	2,300.61
3/4		3/4		3/4		3/4	3,999.70	3/4	3,716.70	3/4	3,433.70	3/4	3,149.43	3/4	2,864.51	3/4	2,579.59	3/4	2,294.67
3		3		3		3	3,993.81	3	3,710.80	3	3,427.80	3	3,143.49	3	2,858.57	3	2,573.65	3	2,288.73
1/4		1/4		1/4		1/4	3,987.91	1/4	3,704.91	1/4	3,421.90	1/4	3,137.55	1/4	2,852.64	1/4	2,567.72	1/4	2,282.80
1/2		1/2		1/2		1/2	3,982.02	1/2	3,699.01	1/2	3,416.01	1/2	3,131.62	1/2	2,846.70	1/2	2,561.78	1/2	2,276.86
3/4		3/4		3/4		3/4	3,976.12	3/4	3,693.12	3/4	3,410.11	3/4	3,125.68	3/4	2,840.76	3/4	2,555.85	3/4	2,270.93
4		4		4		4	3,970.22	4	3,687.22	4	3,404.22	4	3,119.75	4	2,834.83	4	2,549.91	4	2,264.99
1/4		1/4		1/4		1/4	3,964.33	1/4	3,681.32	1/4	3,398.32	1/4	3,113.81	1/4	2,828.89	1/4	2,543.97	1/4	2,259.06
1/2		1/2		1/2		1/2	3,958.43	1/2	3,675.43	1/2	3,392.43	1/2	3,107.88	1/2	2,822.96	1/2	2,538.04	1/2	2,253.11
3/4		3/4		3/4		3/4	3,952.54	3/4	3,669.53	3/4	3,386.53	3/4	3,101.94	3/4	2,817.02	3/4	2,532.10	3/4	2,247.17
5		5		5		5	3,946.64	5	3,663.64	5	3,380.63	5	3,096.00	5	2,811.08	5	2,526.17	5	2,241.23
1/4		1/4		1/4		1/4	3,940.74	1/4	3,657.74	1/4	3,374.74	1/4	3,090.07	1/4	2,805.15	1/4	2,520.23	1/4	2,235.29
1/2		1/2		1/2		1/2	3,934.85	1/2	3,651.84	1/2	3,368.84	1/2	3,084.13	1/2	2,799.21	1/2	2,514.29	1/2	2,229.34
3/4		3/4		3/4		3/4	3,928.95	3/4	3,645.95	3/4	3,362.95	3/4	3,078.20	3/4	2,793.28	3/4	2,508.36	3/4	2,223.39
6		6		6		6	3,923.06	6	3,640.05	6	3,357.05	6	3,072.26	6	2,787.34	6	2,502.42	6	2,217.45
1/4		1/4		1/4		1/4	3,917.16	1/4	3,634.16	1/4	3,351.15	1/4	3,066.32	1/4	2,781.41	1/4	2,496.49	1/4	2,211.50
1/2		1/2		1/2		1/2	3,911.26	1/2	3,628.26	1/2	3,345.24	1/2	3,060.39	1/2	2,775.47	1/2	2,490.55	1/2	2,205.55
3/4		3/4		3/4		3/4	4,171.33	3/4	3,905.37	3/4	3,622.37	3/4	3,339.33	3/4	3,054.45	3/4	2,769.53	3/4	2,484.62
7		7		7		7	4,168.49	7	3,899.47	7	3,616.47	7	3,333.41	7	3,048.52	7	2,763.60	7	2,478.68
1/4		1/4		1/4		1/4	4,165.64	1/4	3,893.58	1/4	3,610.57	1/4	3,327.50	1/4	3,042.58	1/4	2,757.66	1/4	2,472.74
1/2		1/2		1/2		1/2	4,161.61	1/2	3,887.68	1/2	3,604.68	1/2	3,321.56	1/2	3,036.65	1/2	2,751.73	1/2	2,466.81
3/4		3/4		3/4		3/4	4,157.68	3/4	3,881.79	3/4	3,598.78	3/4	3,315.63	3/4	3,030.71	3/4	2,745.79	3/4	2,460.87
8		8		8		8	4,153.65	8	3,875.89	8	3,592.89	8	3,309.69	8	3,024.77	8	2,739.86	8	2,454.94
1/4		1/4		1/4		1/4	4,149.61	1/4	3,869.99	1/4	3,586.99	1/4	3,303.76	1/4	3,018.84	1/4	2,733.92	1/4	2,449.00
1/2		1/2		1/2		1/2	4,144.38	1/2	3,864.10	1/2	3,581.09	1/2	3,297.82	1/2	3,012.90	1/2	2,727.98	1/2	2,443.07
3/4		3/4		3/4		3/4	4,139.24	3/4	3,858.20	3/4	3,575.20	3/4	3,291.88	3/4	3,006.97	3/4	2,722.05	3/4	2,437.13
9		9		9		9	4,134.10	9	3,852.31	9	3,569.30	9	3,285.95	9	3,001.03	9	2,716.11	9	2,431.19
1/4		1/4		1/4		1/4	4,128.96	1/4	3,846.41	1/4	3,563.41	1/4	3,280.01	1/4	2,995.09	1/4	2,710.18	1/4	2,425.26
1/2		1/2		1/2		1/2	4,123.19	1/2	3,840.51	1/2	3,557.51	1/2	3,274.08	1/2	2,989.16	1/2	2,704.24	1/2	2,419.32
3/4		3/4		3/4		3/4	4,117.42	3/4	3,834.62	3/4	3,551.61	3/4	3,268.14	3/4	2,983.22	3/4	2,698.30	3/4	2,413.39
10		10		10		10	4,111.66	10	3,828.72	10	3,545.72	10	3,262.21	10	2,977.29	10	2,692.37	10	2,407.45
1/4		1/4		1/4		1/4	4,106.89	1/4	3,822.83	1/4	3,539.82	1/4	3,256.27	1/4	2,971.35	1/4	2,686.43	1/4	2,401.51
1/2		1/2		1/2		1/2	4,099.99	1/2	3,816.93	1/2	3,533.93	1/2	3,250.33	1/2	2,965.42	1/2	2,680.50	1/2	2,395.58
3/4		3/4		3/4		3/4	4,094.09	3/4	3,811.03	3/4	3,528.03	3/4	3,244.40	3/4	2,959.48	3/4	2,674.56	3/4	2,389.64
11		11		11		11	4,088.20	11	3,805.14	11	3,522.14	11	3,238.46	11	2,953.54	11	2,668.63	11	2,383.71
1/4		1/4		1/4		1/4	4,082.30	1/4	3,799.24	1/4	3,516.24	1/4	3,232.53	1/4	2,947.61	1/4	2,662.69	1/4	2,377.77
1/2		1/2		1/2		1/2	4,076.40	1/2	3,793.35	1/2	3,510.34	1/2	3,226.59	1/2	2,941.67	1/2	2,656.75	1/2	2,371.84
3/4		3/4		3/4		3/4	4,070.49	3/4	3,787.45	3/4	3,504.45	3/4	3,220.66	3/4	2,935.74	3/4	2,650.82	3/4	2,365.90

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 29'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 349"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,074.74	0	1,789.31	0	1,503.89	0	1,218.47	0	933.05	0	647.83	0	362.64	0	77.43	0		0	
1/4	2,068.79	1/4	1,783.37	1/4	1,497.94	1/4	1,212.52	1/4	927.10	1/4	641.89	1/4	356.69	1/4	71.52	1/4		1/4	
1/2	2,062.84	1/2	1,777.42	1/2	1,492.00	1/2	1,206.58	1/2	921.15	1/2	635.96	1/2	350.75	1/2	65.63	1/2		1/2	
3/4	2,056.90	3/4	1,771.47	3/4	1,486.05	3/4	1,200.63	3/4	915.21	3/4	630.03	3/4	344.80	3/4	59.74	3/4		3/4	
1	2,050.95	1	1,765.53	1	1,480.11	1	1,194.68	1	909.26	1	624.09	1	338.85	1	53.85	1		1	
1/4	2,045.00	1/4	1,759.58	1/4	1,474.16	1/4	1,188.74	1/4	903.31	1/4	618.16	1/4	332.91	1/4	47.97	1/4		1/4	
1/2	2,039.06	1/2	1,753.63	1/2	1,468.21	1/2	1,182.79	1/2	897.37	1/2	612.23	1/2	326.96	1/2	42.56	1/2		1/2	
3/4	2,033.11	3/4	1,747.69	3/4	1,462.27	3/4	1,176.84	3/4	891.42	3/4	606.29	3/4	321.01	3/4	37.14	3/4		3/4	
2	2,027.16	2	1,741.74	2	1,456.32	2	1,170.90	2	885.48	2	600.36	2	315.07	2	31.73	2		2	
1/4	2,021.22	1/4	1,735.80	1/4	1,450.37	1/4	1,164.95	1/4	879.53	1/4	594.43	1/4	309.12	1/4	26.32	1/4		1/4	
1/2	2,015.27	1/2	1,729.85	1/2	1,444.43	1/2	1,159.00	1/2	873.58	1/2	588.50	1/2	303.18	1/2	22.36	1/2		1/2	
3/4	2,009.33	3/4	1,723.90	3/4	1,438.48	3/4	1,153.06	3/4	867.64	3/4	582.56	3/4	297.23	3/4	18.40	3/4		3/4	
3	2,003.38	3	1,717.96	3	1,432.53	3	1,147.11	3	861.69	3	576.63	3	291.28	3	14.44	3		3	
1/4	1,997.43	1/4	1,712.01	1/4	1,426.59	1/4	1,141.17	1/4	855.74	1/4	570.70	1/4	285.34	1/4	10.47	1/4		1/4	
1/2	1,991.49	1/2	1,706.06	1/2	1,420.64	1/2	1,135.22	1/2	849.80	1/2	564.76	1/2	279.39	1/2		1/2		1/2	
3/4	1,985.54	3/4	1,700.12	3/4	1,414.70	3/4	1,129.27	3/4	843.85	3/4	558.83	3/4	273.45	3/4		3/4		3/4	
4	1,979.59	4	1,694.17	4	1,408.75	4	1,123.33	4	837.90	4	552.89	4	267.50	4		4		4	
1/4	1,973.65	1/4	1,688.23	1/4	1,402.80	1/4	1,117.38	1/4	831.96	1/4	546.95	1/4	261.55	1/4		1/4		1/4	
1/2	1,967.70	1/2	1,682.28	1/2	1,396.86	1/2	1,111.43	1/2	826.01	1/2	541.01	1/2	255.61	1/2		1/2		1/2	
3/4	1,961.76	3/4	1,676.33	3/4	1,390.91	3/4	1,105.49	3/4	820.07	3/4	535.07	3/4	249.66	3/4		3/4		3/4	
5	1,955.81	5	1,670.39	5	1,384.96	5	1,099.54	5	814.12	5	529.12	5	243.72	5		5		5	
1/4	1,949.86	1/4	1,664.44	1/4	1,379.02	1/4	1,093.60	1/4	808.17	1/4	523.18	1/4	237.77	1/4		1/4		1/4	
1/2	1,943.92	1/2	1,658.49	1/2	1,373.07	1/2	1,087.65	1/2	802.23	1/2	517.24	1/2	231.82	1/2		1/2		1/2	
3/4	1,937.97	3/4	1,652.55	3/4	1,367.13	3/4	1,081.70	3/4	796.28	3/4	511.29	3/4	225.88	3/4		3/4		3/4	
6	1,932.02	6	1,646.60	6	1,361.18	6	1,075.76	6	790.33	6	505.34	6	219.93	6		6		6	
1/4	1,926.08	1/4	1,640.66	1/4	1,355.23	1/4	1,069.81	1/4	784.39	1/4	499.40	1/4	213.98	1/4		1/4		1/4	
1/2	1,920.13	1/2	1,634.71	1/2	1,349.29	1/2	1,063.86	1/2	778.44	1/2	493.45	1/2	208.04	1/2		1/2		1/2	
3/4	1,914.18	3/4	1,628.76	3/4	1,343.34	3/4	1,057.92	3/4	772.50	3/4	487.51	3/4	202.09	3/4		3/4		3/4	
7	1,908.24	7	1,622.82	7	1,337.39	7	1,051.97	7	766.55	7	481.56	7	196.15	7		7		7	
1/4	1,902.29	1/4	1,616.87	1/4	1,331.45	1/4	1,046.03	1/4	760.60	1/4	475.61	1/4	190.20	1/4		1/4		1/4	
1/2	1,896.35	1/2	1,610.92	1/2	1,325.50	1/2	1,040.08	1/2	754.66	1/2	469.67	1/2	184.25	1/2		1/2		1/2	
3/4	1,890.40	3/4	1,604.98	3/4	1,319.55	3/4	1,034.13	3/4	748.72	3/4	463.72	3/4	178.31	3/4		3/4		3/4	
8	1,884.45	8	1,599.03	8	1,313.61	8	1,028.19	8	742.77	8	457.77	8	172.36	8		8		8	
1/4	1,878.51	1/4	1,593.08	1/4	1,307.66	1/4	1,022.24	1/4	736.83	1/4	451.83	1/4	166.42	1/4		1/4		1/4	
1/2	1,872.56	1/2	1,587.14	1/2	1,301.72	1/2	1,016.29	1/2	730.90	1/2	445.88	1/2	160.47	1/2		1/2		1/2	
3/4	1,866.61	3/4	1,581.19	3/4	1,295.77	3/4	1,010.35	3/4	724.96	3/4	439.94	3/4	154.53	3/4		3/4		3/4	
9	1,860.67	9	1,575.25	9	1,289.82	9	1,004.40	9	719.02	9	433.99	9	148.59	9		9		9	
1/4	1,854.72	1/4	1,569.30	1/4	1,283.88	1/4	998.45	1/4	713.09	1/4	428.04	1/4	142.64	1/4		1/4		1/4	
1/2	1,848.78	1/2	1,563.35	1/2	1,277.93	1/2	992.51	1/2	707.15	1/2	422.10	1/2	136.70	1/2		1/2		1/2	
3/4	1,842.83	3/4	1,557.41	3/4	1,271.98	3/4	986.56	3/4	701.22	3/4	416.15	3/4	130.76	3/4		3/4		3/4	
10	1,836.88	10	1,551.46	10	1,266.04	10	980.62	10	695.29	10	410.21	10	124.83	10		10		10	
1/4	1,830.94	1/4	1,545.51	1/4	1,260.09	1/4	974.67	1/4	689.36	1/4	404.26	1/4	118.89	1/4		1/4		1/4	
1/2	1,824.99	1/2	1,539.57	1/2	1,254.15	1/2	968.72	1/2	683.42	1/2	398.31	1/2	112.96	1/2		1/2		1/2	
3/4	1,819.04	3/4	1,533.62	3/4	1,248.20	3/4	962.78	3/4	677.49	3/4	392.37	3/4	107.03	3/4		3/4		3/4	
11	1,813.10	11	1,527.68	11	1,242.25	11	956.83	11	671.56	11	386.42	11	101.10	11		11		11	
1/4	1,807.15	1/4	1,521.73	1/4	1,236.31	1/4	950.88	1/4	665.62	1/4	380.48	1/4	95.17	1/4		1/4		1/4	
1/2	1,801.21	1/2	1,515.78	1/2	1,230.36	1/2	944.94	1/2	659.69	1/2	374.53	1/2	89.26	1/2		1/2		1/2	
3/4	1,795.26	3/4	1,509.84	3/4	1,224.41	3/4	938.99	3/4	653.76	3/4	368.58	3/4	83.34	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2014 CL
CALCULATED: 06/06/2014 CL
PRINTED: 06/06/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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



BARGE "WEB 349"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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		0		0	4,059.99	0	3,776.96	0	3,493.94	0	3,210.15	0	2,926.23	0	2,640.31	0	2,355.39
1/4		1/4		1/4		1/4	4,064.09	1/4	3,771.05	1/4	3,488.05	1/4	3,204.21	1/4	2,919.29	1/4	2,634.37	1/4	2,349.45
1/2		1/2		1/2		1/2	4,048.18	1/2	3,765.16	1/2	3,482.15	1/2	3,198.27	1/2	2,913.36	1/2	2,628.44	1/2	2,343.62
3/4		3/4		3/4		3/4	4,042.28	3/4	3,759.26	3/4	3,476.25	3/4	3,192.34	3/4	2,907.42	3/4	2,622.50	3/4	2,337.68
1		1		1		1	4,036.38	1	3,753.37	1	3,470.36	1	3,186.40	1	2,901.48	1	2,616.57	1	2,331.65
1/4		1/4		1/4		1/4	4,030.48	1/4	3,747.47	1/4	3,464.46	1/4	3,180.47	1/4	2,895.55	1/4	2,610.63	1/4	2,325.71
1/2		1/2		1/2		1/2	4,024.58	1/2	3,741.57	1/2	3,458.57	1/2	3,174.53	1/2	2,889.61	1/2	2,604.69	1/2	2,319.78
3/4		3/4		3/4		3/4	4,018.69	3/4	3,735.68	3/4	3,452.67	3/4	3,168.59	3/4	2,883.68	3/4	2,598.76	3/4	2,313.84
2		2		2		2	4,012.79	2	3,729.78	2	3,446.77	2	3,162.66	2	2,877.74	2	2,592.82	2	2,307.90
1/4		1/4		1/4		1/4	4,006.89	1/4	3,723.89	1/4	3,440.88	1/4	3,156.72	1/4	2,871.80	1/4	2,586.89	1/4	2,301.97
1/2		1/2		1/2		1/2	4,001.00	1/2	3,717.99	1/2	3,434.98	1/2	3,150.79	1/2	2,865.87	1/2	2,580.95	1/2	2,296.03
3/4		3/4		3/4		3/4	3,995.10	3/4	3,712.09	3/4	3,429.09	3/4	3,144.85	3/4	2,859.93	3/4	2,575.01	3/4	2,290.10
3		3		3		3	3,989.21	3	3,706.20	3	3,423.19	3	3,138.92	3	2,854.00	3	2,569.08	3	2,284.16
1/4		1/4		1/4		1/4	3,983.31	1/4	3,700.30	1/4	3,417.29	1/4	3,132.98	1/4	2,848.06	1/4	2,563.14	1/4	2,278.22
1/2		1/2		1/2		1/2	3,977.41	1/2	3,694.41	1/2	3,411.40	1/2	3,127.04	1/2	2,842.13	1/2	2,557.21	1/2	2,272.29
3/4		3/4		3/4		3/4	3,971.52	3/4	3,688.51	3/4	3,405.50	3/4	3,121.11	3/4	2,836.19	3/4	2,551.27	3/4	2,266.35
4		4		4		4	3,965.62	4	3,682.61	4	3,399.61	4	3,115.17	4	2,830.25	4	2,545.34	4	2,260.42
1/4		1/4		1/4		1/4	3,959.73	1/4	3,676.72	1/4	3,393.71	1/4	3,109.24	1/4	2,824.32	1/4	2,539.40	1/4	2,254.48
1/2		1/2		1/2		1/2	3,953.83	1/2	3,670.82	1/2	3,387.81	1/2	3,103.30	1/2	2,818.38	1/2	2,533.46	1/2	2,248.55
3/4		3/4		3/4		3/4	3,947.93	3/4	3,664.93	3/4	3,381.92	3/4	3,097.37	3/4	2,812.45	3/4	2,527.53	3/4	2,242.61
5		5		5		5	3,942.04	5	3,659.03	5	3,376.02	5	3,091.43	5	2,806.51	5	2,521.59	5	2,236.67
1/4		1/4		1/4		1/4	3,936.14	1/4	3,653.13	1/4	3,370.13	1/4	3,085.49	1/4	2,800.58	1/4	2,515.66	1/4	2,230.74
1/2		1/2		1/2		1/2	3,930.25	1/2	3,647.24	1/2	3,364.23	1/2	3,079.56	1/2	2,794.64	1/2	2,509.72	1/2	2,224.80
3/4		3/4		3/4		3/4	3,924.35	3/4	3,641.34	3/4	3,358.33	3/4	3,073.62	3/4	2,788.70	3/4	2,503.79	3/4	2,218.85
6		6		6		6	3,918.45	6	3,635.45	6	3,352.44	6	3,067.69	6	2,782.77	6	2,497.85	6	2,212.91
1/4		1/4		1/4		1/4	3,912.56	1/4	3,629.55	1/4	3,346.54	1/4	3,061.75	1/4	2,776.83	1/4	2,491.91	1/4	2,206.96
1/2		1/2		1/2		1/2	3,906.66	1/2	3,623.65	1/2	3,340.65	1/2	3,055.81	1/2	2,770.90	1/2	2,485.98	1/2	2,201.01
3/4		3/4		3/4		3/4	3,900.77	3/4	3,617.76	3/4	3,334.73	3/4	3,049.88	3/4	2,764.96	3/4	2,480.04	3/4	2,195.07
7		7		7	4,160.82	7	3,894.87	7	3,611.86	7	3,328.82	7	3,043.94	7	2,759.02	7	2,474.11	7	2,189.12
1/4		1/4		1/4	4,157.98	1/4	3,888.97	1/4	3,605.97	1/4	3,322.90	1/4	3,038.01	1/4	2,753.09	1/4	2,468.17	1/4	2,183.17
1/2		1/2		1/2	4,155.14	1/2	3,883.08	1/2	3,600.07	1/2	3,316.99	1/2	3,032.07	1/2	2,747.15	1/2	2,462.23	1/2	2,177.23
3/4		3/4		3/4	4,151.11	3/4	3,877.18	3/4	3,594.17	3/4	3,311.05	3/4	3,026.14	3/4	2,741.22	3/4	2,456.30	3/4	2,171.28
8		8		8	4,147.07	8	3,871.29	8	3,588.28	8	3,305.12	8	3,020.20	8	2,735.28	8	2,450.36	8	2,165.34
1/4		1/4		1/4	4,143.04	1/4	3,865.39	1/4	3,582.38	1/4	3,299.18	1/4	3,014.26	1/4	2,729.35	1/4	2,444.43	1/4	2,159.39
1/2		1/2		1/2	4,139.01	1/2	3,869.49	1/2	3,576.49	1/2	3,293.25	1/2	3,008.33	1/2	2,723.41	1/2	2,438.49	1/2	2,153.44
3/4		3/4		3/4	4,133.87	3/4	3,863.60	3/4	3,570.59	3/4	3,287.31	3/4	3,002.39	3/4	2,717.47	3/4	2,432.56	3/4	2,147.50
9		9		9	4,128.73	9	3,847.70	9	3,564.69	9	3,281.38	9	2,996.46	9	2,711.54	9	2,426.62	9	2,141.55
1/4		1/4		1/4	4,123.60	1/4	3,841.81	1/4	3,558.80	1/4	3,275.44	1/4	2,990.52	1/4	2,705.60	1/4	2,420.68	1/4	2,135.60
1/2		1/2		1/2	4,118.46	1/2	3,835.91	1/2	3,552.90	1/2	3,269.50	1/2	2,984.59	1/2	2,699.67	1/2	2,414.75	1/2	2,129.66
3/4		3/4		3/4	4,112.69	3/4	3,830.01	3/4	3,547.01	3/4	3,263.67	3/4	2,978.66	3/4	2,693.73	3/4	2,408.81	3/4	2,123.71
10		10		10	4,106.92	10	3,824.12	10	3,541.11	10	3,257.63	10	2,972.71	10	2,687.80	10	2,402.88	10	2,117.76
1/4		1/4		1/4	4,101.15	1/4	3,818.22	1/4	3,535.21	1/4	3,251.70	1/4	2,966.78	1/4	2,681.86	1/4	2,396.94	1/4	2,111.82
1/2		1/2		1/2	4,095.38	1/2	3,812.33	1/2	3,529.32	1/2	3,245.76	1/2	2,960.84	1/2	2,675.92	1/2	2,391.01	1/2	2,105.87
3/4		3/4		3/4	4,089.48	3/4	3,806.43	3/4	3,523.42	3/4	3,239.82	3/4	2,954.91	3/4	2,669.99	3/4	2,385.07	3/4	2,099.92
11		11		11	4,083.59	11	3,800.53	11	3,517.53	11	3,233.89	11	2,948.97	11	2,664.05	11	2,379.13	11	2,093.98
1/4		1/4		1/4	4,077.69	1/4	3,794.64	1/4	3,511.63	1/4	3,227.95	1/4	2,943.03	1/4	2,658.12	1/4	2,373.20	1/4	2,088.03
1/2		1/2		1/2	4,071.80	1/2	3,788.74	1/2	3,505.73	1/2	3,222.02	1/2	2,937.10	1/2	2,652.18	1/2	2,367.26	1/2	2,082.09
3/4		3/4		3/4	4,065.89	3/4	3,782.85	3/4	3,499.84	3/4	3,216.08	3/4	2,931.16	3/4	2,646.24	3/4	2,361.33	3/4	2,076.14

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 29'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 349"

2 PORT ULLAGE TABLE

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,070.19	0	1,784.77	0	1,499.34	0	1,213.91	0	928.48	0	649.87	0	368.68	0	83.34	0		0	
1/4	2,064.25	1/4	1,778.82	1/4	1,493.39	1/4	1,207.96	1/4	922.54	1/4	644.15	1/4	362.64	1/4	77.43	1/4		1/4	
1/2	2,058.30	1/2	1,772.87	1/2	1,487.46	1/2	1,202.02	1/2	916.59	1/2	638.44	1/2	356.69	1/2	71.52	1/2		1/2	
3/4	2,052.35	3/4	1,766.93	3/4	1,481.50	3/4	1,196.07	3/4	910.64	3/4	632.72	3/4	350.74	3/4	65.63	3/4		3/4	
1	2,046.41	1	1,760.98	1	1,475.55	1	1,190.13	1	904.70	1	627.00	1	344.80	1	59.74	1		1	
1/4	2,040.46	1/4	1,755.03	1/4	1,469.61	1/4	1,184.18	1/4	898.75	1/4	621.29	1/4	338.85	1/4	53.85	1/4		1/4	
1/2	2,034.51	1/2	1,749.09	1/2	1,463.66	1/2	1,178.23	1/2	892.81	1/2	615.67	1/2	332.91	1/2	47.97	1/2		1/2	
3/4	2,028.57	3/4	1,743.14	3/4	1,457.71	3/4	1,172.29	3/4	886.86	3/4	609.85	3/4	326.96	3/4	42.56	3/4		3/4	
2	2,022.62	2	1,737.19	2	1,451.77	2	1,166.34	2	880.91	2	604.14	2	321.01	2	37.14	2		2	
1/4	2,016.68	1/4	1,731.25	1/4	1,445.82	1/4	1,160.39	1/4	874.97	1/4	598.42	1/4	315.07	1/4	31.73	1/4		1/4	
1/2	2,010.73	1/2	1,725.30	1/2	1,439.87	1/2	1,154.45	1/2	869.02	1/2	592.70	1/2	309.12	1/2	26.32	1/2		1/2	
3/4	2,004.78	3/4	1,719.36	3/4	1,433.93	3/4	1,148.50	3/4	863.07	3/4	586.98	3/4	303.18	3/4	22.36	3/4		3/4	
3	1,998.84	3	1,713.41	3	1,427.98	3	1,142.55	3	857.13	3	581.27	3	297.23	3	18.40	3		3	
1/4	1,992.89	1/4	1,707.46	1/4	1,422.04	1/4	1,136.61	1/4	851.18	1/4	575.55	1/4	291.28	1/4	14.44	1/4		1/4	
1/2	1,986.94	1/2	1,701.52	1/2	1,416.09	1/2	1,130.66	1/2	845.23	1/2	569.83	1/2	285.34	1/2	10.47	1/2		1/2	
3/4	1,981.00	3/4	1,695.57	3/4	1,410.14	3/4	1,124.72	3/4	839.34	3/4	564.06	3/4	279.39	3/4		3/4		3/4	
4	1,975.05	4	1,689.62	4	1,404.20	4	1,118.77	4	833.45	4	558.29	4	273.45	4		4		4	
1/4	1,969.10	1/4	1,683.68	1/4	1,398.26	1/4	1,112.82	1/4	827.56	1/4	552.51	1/4	267.50	1/4		1/4		1/4	
1/2	1,963.16	1/2	1,677.73	1/2	1,392.30	1/2	1,106.88	1/2	821.67	1/2	546.74	1/2	261.55	1/2		1/2		1/2	
3/4	1,957.21	3/4	1,671.78	3/4	1,386.36	3/4	1,100.93	3/4	815.90	3/4	540.85	3/4	255.61	3/4		3/4		3/4	
5	1,951.26	5	1,665.84	5	1,380.41	5	1,094.98	5	810.12	5	534.96	5	249.66	5		5		5	
1/4	1,945.32	1/4	1,659.89	1/4	1,374.46	1/4	1,089.04	1/4	804.34	1/4	529.07	1/4	243.71	1/4		1/4		1/4	
1/2	1,939.37	1/2	1,653.94	1/2	1,368.52	1/2	1,083.09	1/2	798.56	1/2	523.18	1/2	237.77	1/2		1/2		1/2	
3/4	1,933.43	3/4	1,648.00	3/4	1,362.57	3/4	1,077.14	3/4	792.84	3/4	517.24	3/4	231.82	3/4		3/4		3/4	
6	1,927.48	6	1,642.05	6	1,356.62	6	1,071.20	6	787.12	6	511.29	6	225.88	6		6		6	
1/4	1,921.53	1/4	1,636.11	1/4	1,350.68	1/4	1,065.25	1/4	781.40	1/4	505.34	1/4	219.93	1/4		1/4		1/4	
1/2	1,915.59	1/2	1,630.16	1/2	1,344.73	1/2	1,059.30	1/2	775.68	1/2	499.40	1/2	213.98	1/2		1/2		1/2	
3/4	1,909.64	3/4	1,624.21	3/4	1,338.79	3/4	1,053.36	3/4	769.96	3/4	493.45	3/4	208.04	3/4		3/4		3/4	
7	1,903.69	7	1,618.27	7	1,332.84	7	1,047.41	7	764.24	7	487.50	7	202.09	7		7		7	
1/4	1,897.75	1/4	1,612.32	1/4	1,326.89	1/4	1,041.47	1/4	758.51	1/4	481.56	1/4	196.15	1/4		1/4		1/4	
1/2	1,891.80	1/2	1,606.37	1/2	1,320.95	1/2	1,035.52	1/2	752.79	1/2	475.61	1/2	190.20	1/2		1/2		1/2	
3/4	1,885.85	3/4	1,600.43	3/4	1,315.00	3/4	1,029.57	3/4	747.07	3/4	469.67	3/4	184.25	3/4		3/4		3/4	
8	1,879.91	8	1,594.48	8	1,309.05	8	1,023.63	8	741.35	8	463.72	8	178.31	8		8		8	
1/4	1,873.96	1/4	1,588.53	1/4	1,303.11	1/4	1,017.68	1/4	735.63	1/4	457.77	1/4	172.36	1/4		1/4		1/4	
1/2	1,868.02	1/2	1,582.59	1/2	1,297.16	1/2	1,011.73	1/2	729.91	1/2	451.83	1/2	166.42	1/2		1/2		1/2	
3/4	1,862.07	3/4	1,576.64	3/4	1,291.21	3/4	1,005.79	3/4	724.19	3/4	445.88	3/4	160.47	3/4		3/4		3/4	
9	1,856.12	9	1,570.70	9	1,285.27	9	999.84	9	718.48	9	439.94	9	154.53	9		9		9	
1/4	1,850.18	1/4	1,564.75	1/4	1,279.32	1/4	993.89	1/4	712.76	1/4	433.99	1/4	148.58	1/4		1/4		1/4	
1/2	1,844.23	1/2	1,558.80	1/2	1,273.38	1/2	987.95	1/2	707.04	1/2	428.04	1/2	142.64	1/2		1/2		1/2	
3/4	1,838.28	3/4	1,552.86	3/4	1,267.43	3/4	982.00	3/4	701.32	3/4	422.10	3/4	136.70	3/4		3/4		3/4	
10	1,832.34	10	1,546.91	10	1,261.48	10	976.06	10	695.61	10	416.15	10	130.76	10		10		10	
1/4	1,826.39	1/4	1,540.96	1/4	1,255.54	1/4	970.11	1/4	689.89	1/4	410.21	1/4	124.83	1/4		1/4		1/4	
1/2	1,820.44	1/2	1,535.02	1/2	1,249.59	1/2	964.16	1/2	684.17	1/2	404.26	1/2	118.89	1/2		1/2		1/2	
3/4	1,814.50	3/4	1,529.07	3/4	1,243.64	3/4	958.22	3/4	678.46	3/4	398.31	3/4	112.96	3/4		3/4		3/4	
11	1,808.55	11	1,523.12	11	1,237.70	11	952.27	11	672.74	11	392.37	11	107.03	11		11		11	
1/4	1,802.60	1/4	1,517.18	1/4	1,231.75	1/4	946.32	1/4	667.02	1/4	386.42	1/4	101.10	1/4		1/4		1/4	
1/2	1,796.66	1/2	1,511.23	1/2	1,225.80	1/2	940.38	1/2	661.30	1/2	380.48	1/2	95.17	1/2		1/2		1/2	
3/4	1,790.71	3/4	1,505.28	3/4	1,219.86	3/4	934.43	3/4	655.59	3/4	374.53	3/4	89.26	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2014 CL
CALCULATED: 06/06/2014 CL
PRINTED: 06/06/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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



BARGE "WEB 349"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,396.96	0	4,090.19	0	3,783.44	0	3,475.82	0	3,167.17	0	2,858.51	0	2,549.85
1/4		1/4		1/4		1/4	4,390.56	1/4	4,083.79	1/4	3,777.05	1/4	3,469.39	1/4	3,160.73	1/4	2,852.08	1/4	2,543.42
1/2		1/2		1/2		1/2	4,384.16	1/2	4,077.40	1/2	3,770.66	1/2	3,462.96	1/2	3,154.30	1/2	2,846.55	1/2	2,536.99
3/4		3/4		3/4		3/4	4,377.76	3/4	4,071.01	3/4	3,764.27	3/4	3,456.53	3/4	3,147.87	3/4	2,839.21	3/4	2,530.56
1		1		1		1	4,371.37	1	4,064.62	1	3,757.88	1	3,450.10	1	3,141.44	1	2,832.78	1	2,524.13
1 1/4		1 1/4		1 1/4		1 1/4	4,364.98	1 1/4	4,058.23	1 1/4	3,751.49	1 1/4	3,443.67	1 1/4	3,135.01	1 1/4	2,826.35	1 1/4	2,517.69
1 1/2		1 1/2		1 1/2		1 1/2	4,358.59	1 1/2	4,051.84	1 1/2	3,745.10	1 1/2	3,437.24	1 1/2	3,128.58	1 1/2	2,819.92	1 1/2	2,511.26
3/4		3/4		3/4		3/4	4,352.20	3/4	4,045.45	3/4	3,738.71	3/4	3,430.81	3/4	3,122.15	3/4	2,813.49	3/4	2,504.83
2		2		2		2	4,345.81	2	4,039.06	2	3,732.32	2	3,424.38	2	3,115.72	2	2,807.06	2	2,498.40
2 1/4		2 1/4		2 1/4		2 1/4	4,339.42	2 1/4	4,032.67	2 1/4	3,725.93	2 1/4	3,417.95	2 1/4	3,109.29	2 1/4	2,800.63	2 1/4	2,491.97
2 1/2		2 1/2		2 1/2		2 1/2	4,333.02	2 1/2	4,026.28	2 1/2	3,719.54	2 1/2	3,411.52	2 1/2	3,102.86	2 1/2	2,794.20	2 1/2	2,485.54
3/4		3/4		3/4		3/4	4,326.63	3/4	4,019.89	3/4	3,713.15	3/4	3,405.09	3/4	3,096.43	3/4	2,787.77	3/4	2,479.11
3		3		3		3	4,320.24	3	4,013.50	3	3,706.76	3	3,398.66	3	3,090.00	3	2,781.34	3	2,472.68
3 1/4		3 1/4		3 1/4		3 1/4	4,313.85	3 1/4	4,007.11	3 1/4	3,700.36	3 1/4	3,392.23	3 1/4	3,083.57	3 1/4	2,774.91	3 1/4	2,466.26
3 1/2		3 1/2		3 1/2		3 1/2	4,307.46	3 1/2	4,000.72	3 1/2	3,693.97	3 1/2	3,385.80	3 1/2	3,077.14	3 1/2	2,768.48	3 1/2	2,459.82
3/4		3/4		3/4		3/4	4,301.07	3/4	3,994.33	3/4	3,687.58	3/4	3,379.37	3/4	3,070.71	3/4	2,762.05	3/4	2,453.39
4		4		4		4	4,294.68	4	3,987.94	4	3,681.19	4	3,372.94	4	3,064.28	4	2,755.62	4	2,446.96
4 1/4		4 1/4		4 1/4		4 1/4	4,288.29	4 1/4	3,981.55	4 1/4	3,674.80	4 1/4	3,366.51	4 1/4	3,057.85	4 1/4	2,749.19	4 1/4	2,440.52
4 1/2		4 1/2		4 1/2		4 1/2	4,281.90	4 1/2	3,975.16	4 1/2	3,668.41	4 1/2	3,360.08	4 1/2	3,051.42	4 1/2	2,742.76	4 1/2	2,434.08
3/4		3/4		3/4		3/4	4,275.51	3/4	3,968.77	3/4	3,662.02	3/4	3,353.65	3/4	3,044.99	3/4	2,736.33	3/4	2,427.64
5		5		5		5	4,269.12	5	3,962.38	5	3,655.63	5	3,347.22	5	3,038.56	5	2,729.90	5	2,421.21
5 1/4		5 1/4		5 1/4		5 1/4	4,262.73	5 1/4	3,955.98	5 1/4	3,649.24	5 1/4	3,340.79	5 1/4	3,032.13	5 1/4	2,723.47	5 1/4	2,414.76
5 1/2		5 1/2		5 1/2		5 1/2	4,256.34	5 1/2	3,949.59	5 1/2	3,642.85	5 1/2	3,334.36	5 1/2	3,025.70	5 1/2	2,717.04	5 1/2	2,408.32
3/4		3/4		3/4		3/4	4,249.95	3/4	3,943.20	3/4	3,636.46	3/4	3,327.93	3/4	3,019.27	3/4	2,710.61	3/4	2,401.88
6		6		6		6	4,243.56	6	3,936.81	6	3,630.07	6	3,321.49	6	3,012.84	6	2,704.18	6	2,395.44
6 1/4		6 1/4		6 1/4		6 1/4	4,237.17	6 1/4	3,930.42	6 1/4	3,623.66	6 1/4	3,315.06	6 1/4	3,006.41	6 1/4	2,697.75	6 1/4	2,389.00
6 1/2		6 1/2		6 1/2		6 1/2	4,519.13	6 1/2	4,230.78	6 1/2	3,924.03	6 1/2	3,617.26	6 1/2	3,008.63	6 1/2	2,999.97	6 1/2	2,382.56
3/4		3/4		3/4		3/4	4,516.04	3/4	4,224.39	3/4	3,917.64	3/4	3,610.84	3/4	3,002.20	3/4	2,993.54	3/4	2,376.12
7		7		7		7	4,512.95	7	4,218.00	7	3,911.25	7	3,604.43	7	3,295.77	7	2,987.11	7	2,369.68
7 1/4		7 1/4		7 1/4		7 1/4	4,508.57	7 1/4	4,211.60	7 1/4	3,904.86	7 1/4	3,598.00	7 1/4	3,289.34	7 1/4	2,980.68	7 1/4	2,363.24
7 1/2		7 1/2		7 1/2		7 1/2	4,504.19	7 1/2	4,205.21	7 1/2	3,898.47	7 1/2	3,591.57	7 1/2	3,282.91	7 1/2	2,974.25	7 1/2	2,356.80
3/4		3/4		3/4		3/4	4,499.81	3/4	4,198.82	3/4	3,892.08	3/4	3,585.14	3/4	3,276.48	3/4	2,967.82	3/4	2,350.36
8		8		8		8	4,496.44	8	4,192.43	8	3,886.69	8	3,578.71	8	3,270.06	8	2,961.39	8	2,343.91
8 1/4		8 1/4		8 1/4		8 1/4	4,489.86	8 1/4	4,186.04	8 1/4	3,879.30	8 1/4	3,572.28	8 1/4	3,263.62	8 1/4	2,954.96	8 1/4	2,337.47
8 1/2		8 1/2		8 1/2		8 1/2	4,484.28	8 1/2	4,179.65	8 1/2	3,872.91	8 1/2	3,565.85	8 1/2	3,267.19	8 1/2	2,948.53	8 1/2	2,331.03
3/4		3/4		3/4		3/4	4,478.71	3/4	4,173.26	3/4	3,866.52	3/4	3,559.42	3/4	3,260.76	3/4	2,942.10	3/4	2,324.59
9		9		9		9	4,473.13	9	4,166.87	9	3,860.13	9	3,552.99	9	3,254.33	9	2,935.67	9	2,318.15
9 1/4		9 1/4		9 1/4		9 1/4	4,466.88	9 1/4	4,160.48	9 1/4	3,853.74	9 1/4	3,546.56	9 1/4	3,237.90	9 1/4	2,929.24	9 1/4	2,311.71
9 1/2		9 1/2		9 1/2		9 1/2	4,460.62	9 1/2	4,154.09	9 1/2	3,847.35	9 1/2	3,540.13	9 1/2	3,231.47	9 1/2	2,922.81	9 1/2	2,305.27
3/4		3/4		3/4		3/4	4,454.36	3/4	4,147.70	3/4	3,840.96	3/4	3,533.70	3/4	3,225.04	3/4	2,916.38	3/4	2,298.83
10		10		10		10	4,448.11	10	4,141.31	10	3,834.57	10	3,527.27	10	3,218.61	10	2,909.95	10	2,292.39
10 1/4		10 1/4		10 1/4		10 1/4	4,441.72	10 1/4	4,134.92	10 1/4	3,828.17	10 1/4	3,520.84	10 1/4	3,212.18	10 1/4	2,903.52	10 1/4	2,285.96
10 1/2		10 1/2		10 1/2		10 1/2	4,435.33	10 1/2	4,128.53	10 1/2	3,821.78	10 1/2	3,514.41	10 1/2	3,205.75	10 1/2	2,897.09	10 1/2	2,279.51
3/4		3/4		3/4		3/4	4,428.94	3/4	4,122.14	3/4	3,815.39	3/4	3,507.98	3/4	3,199.32	3/4	2,890.66	3/4	2,273.06
11		11		11		11	4,422.55	11	4,115.75	11	3,809.00	11	3,501.55	11	3,192.89	11	2,884.23	11	2,266.62
11 1/4		11 1/4		11 1/4		11 1/4	4,416.15	11 1/4	4,109.36	11 1/4	3,802.61	11 1/4	3,495.12	11 1/4	3,186.46	11 1/4	2,877.80	11 1/4	2,260.18
11 1/2		11 1/2		11 1/2		11 1/2	4,409.75	11 1/2	4,102.97	11 1/2	3,796.22	11 1/2	3,488.69	11 1/2	3,180.03	11 1/2	2,871.37	11 1/2	2,253.74
3/4		3/4		3/4		3/4	4,403.35	3/4	4,096.58	3/4	3,789.83	3/4	3,482.25	3/4	3,173.60	3/4	2,864.94	3/4	2,247.30

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 35'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 349"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,240.86	0	1,931.70	0	1,622.53	0	1,313.37	0	1,004.21	0	695.26	0	386.32	0	77.42	0			
1/4	2,234.42	1/4	1,925.26	1/4	1,616.09	1/4	1,306.93	1/4	997.77	1/4	688.83	1/4	379.87	1/4	71.04	1/4			
1/2	2,227.98	1/2	1,918.81	1/2	1,609.65	1/2	1,300.49	1/2	991.33	1/2	682.40	1/2	373.43	1/2	64.66	1/2			
3/4	2,221.54	3/4	1,912.37	3/4	1,603.21	3/4	1,294.05	3/4	984.88	3/4	675.98	3/4	366.99	3/4	58.29	3/4			
1	2,215.10	1	1,905.93	1	1,596.77	1	1,287.61	1	978.44	1	669.55	1	360.55	1	51.91	1			
1/4	2,208.66	1/4	1,899.49	1/4	1,590.33	1/4	1,281.17	1/4	972.00	1/4	663.12	1/4	354.11	1/4	46.05	1/4			
1/2	2,202.21	1/2	1,893.05	1/2	1,583.89	1/2	1,274.72	1/2	965.56	1/2	656.69	1/2	347.67	1/2	40.19	1/2			
3/4	2,195.77	3/4	1,886.61	3/4	1,577.46	3/4	1,268.28	3/4	959.12	3/4	650.27	3/4	341.23	3/4	34.33	3/4			
2	2,189.33	2	1,880.17	2	1,571.01	2	1,261.84	2	952.68	2	643.84	2	334.79	2	28.47	2			
1/4	2,182.89	1/4	1,873.73	1/4	1,564.57	1/4	1,255.40	1/4	946.24	1/4	637.41	1/4	328.35	1/4	24.17	1/4			
1/2	2,176.45	1/2	1,867.29	1/2	1,558.12	1/2	1,248.96	1/2	939.80	1/2	630.98	1/2	321.91	1/2	19.88	1/2			
3/4	2,170.01	3/4	1,860.85	3/4	1,551.68	3/4	1,242.52	3/4	933.36	3/4	624.56	3/4	315.47	3/4	16.59	3/4			
3	2,163.57	3	1,854.41	3	1,545.24	3	1,236.08	3	926.92	3	618.13	3	309.03	3	11.30	3			
1/4	2,157.13	1/4	1,847.96	1/4	1,538.80	1/4	1,229.64	1/4	920.48	1/4	611.70	1/4	302.59	1/4		1/4			
1/2	2,150.69	1/2	1,841.52	1/2	1,532.36	1/2	1,223.20	1/2	914.03	1/2	605.27	1/2	296.15	1/2		1/2			
3/4	2,144.25	3/4	1,835.08	3/4	1,525.92	3/4	1,216.76	3/4	907.59	3/4	598.84	3/4	289.70	3/4		3/4			
4	2,137.81	4	1,828.64	4	1,519.48	4	1,210.32	4	901.15	4	592.41	4	283.26	4		4			
1/4	2,131.36	1/4	1,822.20	1/4	1,513.04	1/4	1,203.87	1/4	894.71	1/4	585.97	1/4	276.82	1/4		1/4			
1/2	2,124.92	1/2	1,815.76	1/2	1,506.60	1/2	1,197.43	1/2	888.27	1/2	579.53	1/2	270.38	1/2		1/2			
3/4	2,118.48	3/4	1,809.32	3/4	1,500.16	3/4	1,190.99	3/4	881.83	3/4	573.09	3/4	263.94	3/4		3/4			
5	2,112.04	5	1,802.88	5	1,493.72	5	1,184.55	5	875.39	5	566.65	5	257.50	5		5			
1/4	2,105.60	1/4	1,796.44	1/4	1,487.27	1/4	1,178.11	1/4	868.95	1/4	560.21	1/4	251.06	1/4		1/4			
1/2	2,099.16	1/2	1,790.00	1/2	1,480.83	1/2	1,171.67	1/2	862.51	1/2	553.77	1/2	244.62	1/2		1/2			
3/4	2,092.72	3/4	1,783.56	3/4	1,474.39	3/4	1,165.23	3/4	856.07	3/4	547.33	3/4	238.18	3/4		3/4			
6	2,086.28	6	1,777.12	6	1,467.95	6	1,158.79	6	849.63	6	540.89	6	231.74	6		6			
1/4	2,079.84	1/4	1,770.67	1/4	1,461.51	1/4	1,152.35	1/4	843.18	1/4	534.45	1/4	225.30	1/4		1/4			
1/2	2,073.40	1/2	1,764.23	1/2	1,455.07	1/2	1,145.91	1/2	836.74	1/2	528.01	1/2	218.86	1/2		1/2			
3/4	2,066.96	3/4	1,757.79	3/4	1,448.63	3/4	1,139.47	3/4	830.30	3/4	521.57	3/4	212.42	3/4		3/4			
7	2,060.51	7	1,751.35	7	1,442.19	7	1,133.03	7	823.86	7	515.13	7	205.98	7		7			
1/4	2,054.07	1/4	1,744.91	1/4	1,435.75	1/4	1,126.58	1/4	817.42	1/4	508.69	1/4	199.53	1/4		1/4			
1/2	2,047.63	1/2	1,738.47	1/2	1,429.31	1/2	1,120.14	1/2	810.99	1/2	502.25	1/2	193.09	1/2		1/2			
3/4	2,041.19	3/4	1,732.03	3/4	1,422.87	3/4	1,113.70	3/4	804.55	3/4	495.81	3/4	186.65	3/4		3/4			
8	2,034.75	8	1,725.59	8	1,416.42	8	1,107.26	8	798.11	8	489.37	8	180.21	8		8			
1/4	2,028.31	1/4	1,719.15	1/4	1,409.98	1/4	1,100.82	1/4	791.68	1/4	482.93	1/4	173.78	1/4		1/4			
1/2	2,021.87	1/2	1,712.71	1/2	1,403.54	1/2	1,094.38	1/2	785.25	1/2	476.48	1/2	167.34	1/2		1/2			
3/4	2,015.43	3/4	1,706.27	3/4	1,397.10	3/4	1,087.94	3/4	778.82	3/4	470.04	3/4	160.90	3/4		3/4			
9	2,008.99	9	1,699.82	9	1,390.66	9	1,081.50	9	772.39	9	463.60	9	154.46	9		9			
1/4	2,002.55	1/4	1,693.38	1/4	1,384.22	1/4	1,075.06	1/4	765.96	1/4	457.16	1/4	148.03	1/4		1/4			
1/2	1,996.11	1/2	1,686.94	1/2	1,377.78	1/2	1,068.62	1/2	759.53	1/2	450.72	1/2	141.59	1/2		1/2			
3/4	1,989.66	3/4	1,680.50	3/4	1,371.34	3/4	1,062.18	3/4	753.11	3/4	444.28	3/4	135.16	3/4		3/4			
10	1,983.22	10	1,674.06	10	1,364.90	10	1,055.73	10	746.68	10	437.84	10	128.73	10		10			
1/4	1,976.78	1/4	1,667.62	1/4	1,358.46	1/4	1,049.29	1/4	740.25	1/4	431.40	1/4	122.31	1/4		1/4			
1/2	1,970.34	1/2	1,661.18	1/2	1,352.02	1/2	1,042.85	1/2	733.82	1/2	424.96	1/2	115.89	1/2		1/2			
3/4	1,963.90	3/4	1,654.74	3/4	1,345.57	3/4	1,036.41	3/4	727.40	3/4	418.52	3/4	109.46	3/4		3/4			
11	1,957.46	11	1,648.30	11	1,339.13	11	1,029.97	11	720.97	11	412.08	11	103.04	11		11			
1/4	1,951.02	1/4	1,641.86	1/4	1,332.69	1/4	1,023.53	1/4	714.54	1/4	405.64	1/4	96.64	1/4		1/4			
1/2	1,944.58	1/2	1,635.42	1/2	1,326.25	1/2	1,017.09	1/2	708.11	1/2	399.20	1/2	90.23	1/2		1/2			
3/4	1,938.14	3/4	1,628.97	3/4	1,319.81	3/4	1,010.65	3/4	701.69	3/4	392.76	3/4	83.82	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2014 CL
CALCULATED: 06/08/2014 CL
PRINTED: 06/06/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT
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BARGE "WEB 349"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,392.83	0	4,086.05	0	3,779.31	0	3,471.72	0	3,163.06	0	2,854.41	0	2,545.75
1/4		1/4		1/4		1/4	4,386.43	1/4	4,079.66	1/4	3,772.92	1/4	3,465.29	1/4	3,156.63	1/4	2,847.98	1/4	2,539.32
1/2		1/2		1/2		1/2	4,380.03	1/2	4,073.27	1/2	3,766.53	1/2	3,458.86	1/2	3,150.20	1/2	2,841.55	1/2	2,532.89
3/4		3/4		3/4		3/4	4,373.64	3/4	4,066.88	3/4	3,760.14	3/4	3,452.43	3/4	3,143.77	3/4	2,835.12	3/4	2,526.46
1		1		1		1	4,367.24	1	4,060.49	1	3,753.75	1	3,446.00	1	3,137.34	1	2,828.69	1	2,520.03
1/4		1/4		1/4		1/4	4,360.84	1/4	4,054.10	1/4	3,747.36	1/4	3,439.57	1/4	3,130.91	1/4	2,822.26	1/4	2,513.60
1/2		1/2		1/2		1/2	4,354.45	1/2	4,047.71	1/2	3,740.97	1/2	3,433.13	1/2	3,124.48	1/2	2,815.83	1/2	2,507.17
3/4		3/4		3/4		3/4	4,348.06	3/4	4,041.32	3/4	3,734.58	3/4	3,426.70	3/4	3,118.05	3/4	2,809.40	3/4	2,500.74
2		2		2		2	4,341.67	2	4,034.93	2	3,728.19	2	3,420.27	2	3,111.62	2	2,802.97	2	2,494.31
1/4		1/4		1/4		1/4	4,335.28	1/4	4,028.54	1/4	3,721.79	1/4	3,413.84	1/4	3,105.19	1/4	2,796.54	1/4	2,487.88
1/2		1/2		1/2		1/2	4,328.89	1/2	4,022.15	1/2	3,715.40	1/2	3,407.41	1/2	3,098.76	1/2	2,790.10	1/2	2,481.45
3/4		3/4		3/4		3/4	4,322.50	3/4	4,015.76	3/4	3,709.01	3/4	3,400.98	3/4	3,092.33	3/4	2,783.67	3/4	2,475.02
3		3		3		3	4,316.11	3	4,009.37	3	3,702.62	3	3,394.55	3	3,085.90	3	2,777.24	3	2,468.59
1/4		1/4		1/4		1/4	4,309.72	1/4	4,002.98	1/4	3,696.23	1/4	3,388.12	1/4	3,079.47	1/4	2,770.81	1/4	2,462.16
1/2		1/2		1/2		1/2	4,303.33	1/2	3,996.59	1/2	3,689.84	1/2	3,381.69	1/2	3,073.04	1/2	2,764.38	1/2	2,455.73
3/4		3/4		3/4		3/4	4,296.94	3/4	3,990.20	3/4	3,683.45	3/4	3,375.26	3/4	3,066.61	3/4	2,757.95	3/4	2,449.30
4		4		4		4	4,290.55	4	3,983.81	4	3,677.06	4	3,368.83	4	3,060.18	4	2,751.52	4	2,442.87
1/4		1/4		1/4		1/4	4,284.16	1/4	3,977.41	1/4	3,670.67	1/4	3,362.40	1/4	3,053.75	1/4	2,745.09	1/4	2,436.44
1/2		1/2		1/2		1/2	4,277.77	1/2	3,971.02	1/2	3,664.28	1/2	3,355.97	1/2	3,047.32	1/2	2,738.66	1/2	2,430.00
3/4		3/4		3/4		3/4	4,271.38	3/4	3,964.63	3/4	3,657.89	3/4	3,349.54	3/4	3,040.89	3/4	2,732.23	3/4	2,423.56
5		5		5		5	4,264.99	5	3,958.24	5	3,651.50	5	3,343.11	5	3,034.46	5	2,725.80	5	2,417.12
1/4		1/4		1/4		1/4	4,258.60	1/4	3,951.85	1/4	3,645.11	1/4	3,336.68	1/4	3,028.03	1/4	2,719.37	1/4	2,410.68
1/2		1/2		1/2		1/2	4,252.21	1/2	3,945.46	1/2	3,638.72	1/2	3,330.25	1/2	3,021.60	1/2	2,712.94	1/2	2,404.24
3/4		3/4		3/4		3/4	4,245.82	3/4	3,939.07	3/4	3,632.33	3/4	3,323.82	3/4	3,015.17	3/4	2,706.51	3/4	2,397.80
6		6		6		6	4,239.43	6	3,932.68	6	3,625.94	6	3,317.39	6	3,008.73	6	2,700.08	6	2,391.36
1/4		1/4		1/4		1/4	4,233.03	1/4	3,926.29	1/4	3,619.55	1/4	3,310.96	1/4	3,002.30	1/4	2,693.65	1/4	2,384.92
1/2		1/2		1/2		1/2	4,226.64	1/2	3,919.90	1/2	3,613.13	1/2	3,304.53	1/2	2,995.87	1/2	2,687.22	1/2	2,378.48
3/4		3/4		3/4	4,508.60	3/4	4,220.25	3/4	3,913.51	3/4	3,606.72	3/4	3,298.10	3/4	2,989.44	3/4	2,680.79	3/4	2,372.04
7		7		7	4,505.51	7	4,213.86	7	3,907.12	7	3,600.31	7	3,291.67	7	2,983.01	7	2,674.36	7	2,365.60
1/4		1/4		1/4	4,502.42	1/4	4,207.47	1/4	3,900.73	1/4	3,593.89	1/4	3,285.24	1/4	2,976.58	1/4	2,667.93	1/4	2,359.16
1/2		1/2		1/2	4,498.04	1/2	4,201.08	1/2	3,894.34	1/2	3,587.46	1/2	3,278.81	1/2	2,970.15	1/2	2,661.50	1/2	2,352.72
3/4		3/4		3/4	4,493.67	3/4	4,194.69	3/4	3,887.95	3/4	3,581.03	3/4	3,272.38	3/4	2,963.72	3/4	2,655.07	3/4	2,346.27
8		8		8	4,489.29	8	4,188.30	8	3,881.56	8	3,574.60	8	3,265.95	8	2,957.29	8	2,648.64	8	2,339.83
1/4		1/4		1/4	4,484.91	1/4	4,181.91	1/4	3,875.17	1/4	3,568.17	1/4	3,259.52	1/4	2,950.86	1/4	2,642.21	1/4	2,333.39
1/2		1/2		1/2	4,479.33	1/2	4,175.52	1/2	3,868.78	1/2	3,561.74	1/2	3,253.09	1/2	2,944.43	1/2	2,635.78	1/2	2,326.96
3/4		3/4		3/4	4,473.76	3/4	4,169.13	3/4	3,862.39	3/4	3,555.31	3/4	3,246.66	3/4	2,938.00	3/4	2,629.35	3/4	2,320.51
9		9		9	4,468.18	9	4,162.74	9	3,856.00	9	3,548.88	9	3,240.23	9	2,931.57	9	2,622.92	9	2,314.07
1/4		1/4		1/4	4,462.61	1/4	4,156.35	1/4	3,849.60	1/4	3,542.45	1/4	3,233.80	1/4	2,925.14	1/4	2,616.49	1/4	2,307.63
1/2		1/2		1/2	4,456.35	1/2	4,149.96	1/2	3,843.21	1/2	3,536.02	1/2	3,227.37	1/2	2,918.71	1/2	2,610.06	1/2	2,301.19
3/4		3/4		3/4	4,450.09	3/4	4,143.57	3/4	3,836.82	3/4	3,529.59	3/4	3,220.93	3/4	2,912.28	3/4	2,603.63	3/4	2,294.75
10		10		10	4,443.84	10	4,137.18	10	3,830.43	10	3,523.16	10	3,214.50	10	2,905.85	10	2,597.20	10	2,288.31
1/4		1/4		1/4	4,437.68	1/4	4,130.79	1/4	3,824.04	1/4	3,516.73	1/4	3,208.07	1/4	2,899.42	1/4	2,590.77	1/4	2,281.87
1/2		1/2		1/2	4,431.19	1/2	4,124.40	1/2	3,817.65	1/2	3,510.30	1/2	3,201.64	1/2	2,892.99	1/2	2,584.34	1/2	2,275.42
3/4		3/4		3/4	4,424.80	3/4	4,118.01	3/4	3,811.26	3/4	3,503.87	3/4	3,195.21	3/4	2,886.56	3/4	2,577.90	3/4	2,268.98
11		11		11	4,418.41	11	4,111.62	11	3,804.87	11	3,497.44	11	3,188.78	11	2,880.13	11	2,571.47	11	2,262.54
1/4		1/4		1/4	4,412.02	1/4	4,105.22	1/4	3,798.48	1/4	3,491.01	1/4	3,182.35	1/4	2,873.70	1/4	2,565.04	1/4	2,256.10
1/2		1/2		1/2	4,405.63	1/2	4,098.83	1/2	3,792.09	1/2	3,484.58	1/2	3,175.92	1/2	2,867.27	1/2	2,558.61	1/2	2,249.66
3/4		3/4		3/4	4,399.23	3/4	4,092.44	3/4	3,785.70	3/4	3,478.15	3/4	3,169.49	3/4	2,860.84	3/4	2,552.18	3/4	2,243.22

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 35'-03" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 349"

3 PORT ULLAGE TABLE

GAUGE HEIGHT 17'-03 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,236.78	0	1,927.62	0	1,618.45	0	1,309.29	0	1,000.13	0	698.01	0	392.76	0	83.82	0			
1/4	2,230.34	1/4	1,921.18	1/4	1,612.01	1/4	1,302.85	1/4	993.69	1/4	691.80	1/4	386.32	1/4	77.42	1/4			
1/2	2,223.90	1/2	1,914.73	1/2	1,605.57	1/2	1,296.41	1/2	987.24	1/2	685.59	1/2	379.87	1/2	71.04	1/2			
3/4	2,217.46	3/4	1,908.29	3/4	1,599.13	3/4	1,289.97	3/4	980.80	3/4	679.38	3/4	373.43	3/4	64.67	3/4			
1	2,211.02	1	1,901.85	1	1,592.69	1	1,283.53	1	974.36	1	673.17	1	366.99	1	58.29	1			
1/4	2,204.58	1/4	1,895.41	1/4	1,586.25	1/4	1,277.09	1/4	967.92	1/4	666.95	1/4	360.55	1/4	51.91	1/4			
1/2	2,198.13	1/2	1,888.97	1/2	1,579.81	1/2	1,270.64	1/2	961.48	1/2	660.74	1/2	354.11	1/2	46.05	1/2			
3/4	2,191.69	3/4	1,882.53	3/4	1,573.37	3/4	1,264.20	3/4	955.04	3/4	654.53	3/4	347.67	3/4	40.19	3/4			
2	2,185.25	2	1,876.09	2	1,566.93	2	1,257.76	2	948.60	2	648.32	2	341.23	2	34.33	2			
1/4	2,178.81	1/4	1,869.65	1/4	1,560.49	1/4	1,251.32	1/4	942.16	1/4	642.11	1/4	334.79	1/4	28.47	1/4			
1/2	2,172.37	1/2	1,863.21	1/2	1,554.04	1/2	1,244.88	1/2	935.72	1/2	635.90	1/2	328.35	1/2	24.17	1/2			
3/4	2,166.93	3/4	1,856.77	3/4	1,547.60	3/4	1,238.44	3/4	929.28	3/4	629.69	3/4	321.91	3/4	19.88	3/4			
3	2,159.49	3	1,850.33	3	1,541.16	3	1,232.00	3	922.84	3	623.48	3	315.47	3	15.59	3			
1/4	2,153.05	1/4	1,843.88	1/4	1,534.72	1/4	1,225.56	1/4	916.40	1/4	617.26	1/4	309.03	1/4	11.30	1/4			
1/2	2,146.61	1/2	1,837.44	1/2	1,528.28	1/2	1,219.12	1/2	910.01	1/2	611.00	1/2	302.59	1/2		1/2			
3/4	2,140.17	3/4	1,831.00	3/4	1,521.84	3/4	1,212.68	3/4	903.63	3/4	604.73	3/4	296.15	3/4		3/4			
4	2,133.73	4	1,824.56	4	1,515.40	4	1,206.24	4	897.24	4	598.46	4	289.70	4		4			
1/4	2,127.28	1/4	1,818.12	1/4	1,508.96	1/4	1,199.79	1/4	890.86	1/4	592.19	1/4	283.26	1/4		1/4			
1/2	2,120.84	1/2	1,811.68	1/2	1,502.52	1/2	1,193.35	1/2	884.58	1/2	585.81	1/2	276.82	1/2		1/2			
3/4	2,114.40	3/4	1,805.24	3/4	1,496.08	3/4	1,186.91	3/4	878.31	3/4	579.42	3/4	270.38	3/4		3/4			
5	2,107.96	5	1,798.80	5	1,489.64	5	1,180.47	5	872.04	5	573.04	5	263.94	5		5			
1/4	2,101.52	1/4	1,792.36	1/4	1,483.19	1/4	1,174.03	1/4	865.77	1/4	566.66	1/4	257.50	1/4		1/4			
1/2	2,095.08	1/2	1,785.92	1/2	1,476.75	1/2	1,167.59	1/2	859.55	1/2	560.21	1/2	251.06	1/2		1/2			
3/4	2,088.64	3/4	1,779.48	3/4	1,470.31	3/4	1,161.15	3/4	853.34	3/4	553.77	3/4	244.62	3/4		3/4			
6	2,082.20	6	1,773.03	6	1,463.87	6	1,154.71	6	847.12	6	547.33	6	238.18	6		6			
1/4	2,075.76	1/4	1,766.59	1/4	1,457.43	1/4	1,148.27	1/4	840.91	1/4	540.89	1/4	231.74	1/4		1/4			
1/2	2,069.32	1/2	1,760.15	1/2	1,450.99	1/2	1,141.83	1/2	834.69	1/2	534.45	1/2	225.30	1/2		1/2			
3/4	2,062.88	3/4	1,753.71	3/4	1,444.55	3/4	1,135.39	3/4	828.47	3/4	528.01	3/4	218.86	3/4		3/4			
7	2,056.43	7	1,747.27	7	1,438.11	7	1,128.94	7	822.26	7	521.57	7	212.42	7		7			
1/4	2,049.99	1/4	1,740.83	1/4	1,431.67	1/4	1,122.50	1/4	816.04	1/4	515.13	1/4	205.98	1/4		1/4			
1/2	2,043.55	1/2	1,734.39	1/2	1,425.23	1/2	1,116.06	1/2	809.83	1/2	508.69	1/2	199.54	1/2		1/2			
3/4	2,037.11	3/4	1,727.95	3/4	1,418.79	3/4	1,109.62	3/4	803.61	3/4	502.25	3/4	193.09	3/4		3/4			
8	2,030.67	8	1,721.51	8	1,412.34	8	1,103.18	8	797.40	8	495.81	8	186.65	8		8			
1/4	2,024.23	1/4	1,715.07	1/4	1,405.90	1/4	1,096.74	1/4	791.18	1/4	489.37	1/4	180.21	1/4		1/4			
1/2	2,017.79	1/2	1,708.63	1/2	1,399.46	1/2	1,090.30	1/2	784.97	1/2	482.93	1/2	173.78	1/2		1/2			
3/4	2,011.35	3/4	1,702.18	3/4	1,393.02	3/4	1,083.86	3/4	778.76	3/4	476.49	3/4	167.34	3/4		3/4			
9	2,004.91	9	1,695.74	9	1,386.58	9	1,077.42	9	772.55	9	470.04	9	160.90	9		9			
1/4	1,998.47	1/4	1,689.30	1/4	1,380.14	1/4	1,070.98	1/4	766.34	1/4	463.60	1/4	154.46	1/4		1/4			
1/2	1,992.03	1/2	1,682.86	1/2	1,373.70	1/2	1,064.54	1/2	760.12	1/2	457.16	1/2	148.03	1/2		1/2			
3/4	1,985.58	3/4	1,676.42	3/4	1,367.26	3/4	1,058.09	3/4	753.91	3/4	450.72	3/4	141.60	3/4		3/4			
10	1,979.14	10	1,669.98	10	1,360.82	10	1,051.65	10	747.70	10	444.28	10	135.16	10		10			
1/4	1,972.70	1/4	1,663.54	1/4	1,354.38	1/4	1,045.21	1/4	741.49	1/4	437.84	1/4	128.73	1/4		1/4			
1/2	1,966.26	1/2	1,657.10	1/2	1,347.94	1/2	1,038.77	1/2	735.28	1/2	431.40	1/2	122.31	1/2		1/2			
3/4	1,959.82	3/4	1,650.66	3/4	1,341.49	3/4	1,032.33	3/4	729.07	3/4	424.96	3/4	115.89	3/4		3/4			
11	1,953.38	11	1,644.22	11	1,335.05	11	1,025.89	11	722.86	11	418.52	11	109.46	11		11			
1/4	1,946.94	1/4	1,637.78	1/4	1,328.61	1/4	1,019.45	1/4	716.65	1/4	412.08	1/4	103.04	1/4		1/4			
1/2	1,940.50	1/2	1,631.33	1/2	1,322.17	1/2	1,013.01	1/2	710.43	1/2	406.64	1/2	96.64	1/2		1/2			
3/4	1,934.06	3/4	1,624.89	3/4	1,315.73	3/4	1,006.57	3/4	704.22	3/4	399.20	3/4	90.23	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2014 CL
CALCULATED: 06/06/2014 CL
PRINTED: 06/06/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT
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<http://www.pmacorp.net>



BARGE "WEB 349"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 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		0		0	6,368.82	0	6,022.16	0	5,685.49	0	5,348.80	0	4,978.41	0	4,500.69	0	4,022.88
1/4		1/4		1/4		1/4	6,351.82	1/4	6,015.15	1/4	5,678.47	1/4	5,341.79	1/4	4,968.60	1/4	4,490.74	1/4	4,012.93
1/2		1/2		1/2		1/2	6,344.82	1/2	6,008.13	1/2	5,671.46	1/2	5,334.77	1/2	4,958.60	1/2	4,480.78	1/2	4,002.98
3/4		3/4		3/4		3/4	6,337.80	3/4	6,001.12	3/4	5,664.44	3/4	5,327.76	3/4	4,948.65	3/4	4,470.83	3/4	3,993.03
1		1		1		1	6,330.78	1	5,994.11	1	5,657.43	1	5,320.74	1	4,938.70	1	4,460.87	1	3,983.07
1/4		1/4		1/4		1/4	6,323.77	1/4	5,987.09	1/4	5,650.42	1/4	5,313.73	1/4	4,928.75	1/4	4,450.92	1/4	3,973.12
1/2		1/2		1/2		1/2	6,316.75	1/2	5,980.08	1/2	5,643.40	1/2	5,306.72	1/2	4,918.80	1/2	4,440.96	1/2	3,963.17
3/4		3/4		3/4		3/4	6,309.74	3/4	5,973.06	3/4	5,636.39	3/4	5,299.70	3/4	4,908.85	3/4	4,431.01	3/4	3,953.22
2		2		2		2	6,302.73	2	5,966.05	2	5,629.37	2	5,292.69	2	4,898.89	2	4,421.05	2	3,943.27
1/4		1/4		1/4		1/4	6,295.71	1/4	5,959.04	1/4	5,622.36	1/4	5,285.67	1/4	4,888.94	1/4	4,411.10	1/4	3,933.32
1/2		1/2		1/2		1/2	6,288.70	1/2	5,952.02	1/2	5,615.35	1/2	5,278.66	1/2	4,878.99	1/2	4,401.14	1/2	3,923.37
3/4		3/4		3/4		3/4	6,281.68	3/4	5,945.01	3/4	5,608.33	3/4	5,271.64	3/4	4,869.03	3/4	4,391.19	3/4	3,913.41
3		3		3		3	6,274.67	3	5,937.99	3	5,601.32	3	5,264.63	3	4,859.08	3	4,381.23	3	3,903.46
1/4		1/4		1/4		1/4	6,267.66	1/4	5,930.98	1/4	5,594.30	1/4	5,257.61	1/4	4,849.13	1/4	4,371.28	1/4	3,893.51
1/2		1/2		1/2		1/2	6,260.64	1/2	5,923.97	1/2	5,587.29	1/2	5,250.60	1/2	4,839.17	1/2	4,361.32	1/2	3,883.56
3/4		3/4		3/4		3/4	6,253.63	3/4	5,916.95	3/4	5,580.27	3/4	5,243.58	3/4	4,829.22	3/4	4,351.37	3/4	3,873.61
4		4		4		4	6,246.61	4	5,909.94	4	5,573.26	4	5,236.57	4	4,819.26	4	4,341.41	4	3,863.66
1/4		1/4		1/4		1/4	6,239.60	1/4	5,902.92	1/4	5,566.25	1/4	5,229.56	1/4	4,809.31	1/4	4,331.46	1/4	3,853.71
1/2		1/2		1/2		1/2	6,232.59	1/2	5,895.91	1/2	5,559.23	1/2	5,222.54	1/2	4,799.35	1/2	4,321.50	1/2	3,843.75
3/4		3/4		3/4		3/4	6,225.57	3/4	5,888.89	3/4	5,552.22	3/4	5,215.53	3/4	4,789.39	3/4	4,311.55	3/4	3,833.80
5		5		5		5	6,218.56	5	5,881.88	5	5,545.20	5	5,208.51	5	4,779.44	5	4,301.59	5	3,823.85
1/4		1/4		1/4		1/4	6,211.54	1/4	5,874.87	1/4	5,538.19	1/4	5,201.50	1/4	4,769.48	1/4	4,291.63	1/4	3,813.90
1/2		1/2		1/2		1/2	6,204.53	1/2	5,867.85	1/2	5,531.18	1/2	5,194.48	1/2	4,759.53	1/2	4,281.68	1/2	3,803.95
3/4		3/4		3/4		3/4	6,197.52	3/4	5,860.84	3/4	5,524.16	3/4	5,187.47	3/4	4,749.57	3/4	4,271.72	3/4	3,793.99
6		6		6	6,466.32	6	6,190.50	6	5,853.82	6	5,517.15	6	5,180.45	6	4,739.62	6	4,261.77	6	3,784.04
1/4		1/4		1/4	6,466.62	1/4	6,183.49	1/4	5,846.81	1/4	5,510.13	1/4	5,173.44	1/4	4,729.66	1/4	4,251.81	1/4	3,774.08
1/2		1/2		1/2	6,464.92	1/2	6,176.47	1/2	5,839.80	1/2	5,503.12	1/2	5,166.43	1/2	4,719.71	1/2	4,241.86	1/2	3,764.13
3/4		3/4		3/4	6,462.99	3/4	6,169.46	3/4	5,832.78	3/4	5,496.11	3/4	5,159.17	3/4	4,709.75	3/4	4,231.90	3/4	3,754.17
7		7		7	6,461.06	7	6,162.44	7	5,825.77	7	5,489.09	7	5,151.91	7	4,699.80	7	4,221.95	7	3,744.21
1/4		1/4		1/4	6,459.14	1/4	6,155.43	1/4	5,818.75	1/4	5,482.08	1/4	5,144.65	1/4	4,689.84	1/4	4,211.99	1/4	3,734.25
1/2		1/2		1/2	6,457.21	1/2	6,148.42	1/2	5,811.74	1/2	5,475.06	1/2	5,137.39	1/2	4,679.89	1/2	4,202.04	1/2	3,724.30
3/4		3/4		3/4	6,453.88	3/4	6,141.40	3/4	5,804.73	3/4	5,468.05	3/4	5,129.58	3/4	4,669.93	3/4	4,192.08	3/4	3,714.34
8		8		8	6,450.55	8	6,134.39	8	5,797.71	8	5,461.03	8	5,121.77	8	4,659.98	8	4,182.13	8	3,704.38
1/4		1/4		1/4	6,447.22	1/4	6,127.37	1/4	5,790.70	1/4	5,454.02	1/4	5,113.96	1/4	4,650.02	1/4	4,172.17	1/4	3,694.43
1/2		1/2		1/2	6,443.89	1/2	6,120.36	1/2	5,783.68	1/2	5,447.01	1/2	5,106.15	1/2	4,640.07	1/2	4,162.22	1/2	3,684.47
3/4		3/4		3/4	6,439.15	3/4	6,113.35	3/4	5,776.67	3/4	5,439.99	3/4	5,097.74	3/4	4,630.11	3/4	4,152.26	3/4	3,674.51
9		9		9	6,434.42	9	6,106.33	9	5,769.66	9	5,432.98	9	5,089.34	9	4,620.16	9	4,142.31	9	3,664.56
1/4		1/4		1/4	6,429.68	1/4	6,099.32	1/4	5,762.64	1/4	5,425.96	1/4	5,080.94	1/4	4,610.20	1/4	4,132.35	1/4	3,654.60
1/2		1/2		1/2	6,424.95	1/2	6,092.30	1/2	5,755.63	1/2	5,418.95	1/2	5,072.54	1/2	4,600.25	1/2	4,122.40	1/2	3,644.64
3/4		3/4		3/4	6,418.81	3/4	6,085.29	3/4	5,748.61	3/4	5,411.93	3/4	5,063.54	3/4	4,590.29	3/4	4,112.44	3/4	3,634.68
10		10		10	6,412.68	10	6,078.28	10	5,741.60	10	5,404.92	10	5,054.55	10	4,580.34	10	4,102.49	10	3,624.73
1/4		1/4		1/4	6,406.54	1/4	6,071.26	1/4	5,734.58	1/4	5,397.90	1/4	5,045.55	1/4	4,570.38	1/4	4,092.54	1/4	3,614.77
1/2		1/2		1/2	6,400.41	1/2	6,064.25	1/2	5,727.57	1/2	5,390.89	1/2	5,036.56	1/2	4,560.43	1/2	4,082.59	1/2	3,604.81
3/4		3/4		3/4	6,393.51	3/4	6,057.23	3/4	5,720.56	3/4	5,383.87	3/4	5,026.97	3/4	4,550.47	3/4	4,072.64	3/4	3,594.86
11		11		11	6,386.61	11	6,050.22	11	5,713.54	11	5,376.86	11	5,017.39	11	4,540.51	11	4,062.69	11	3,584.90
1/4		1/4		1/4	6,379.72	1/4	6,043.21	1/4	5,706.53	1/4	5,369.85	1/4	5,007.80	1/4	4,530.56	1/4	4,052.73	1/4	3,574.94
1/2		1/2		1/2	6,372.82	1/2	6,036.19	1/2	5,699.51	1/2	5,362.83	1/2	4,998.22	1/2	4,520.60	1/2	4,042.78	1/2	3,564.99
3/4		3/4		3/4	6,365.82	3/4	6,029.18	3/4	5,692.60	3/4	5,355.82	3/4	4,988.31	3/4	4,510.65	3/4	4,032.83	3/4	3,555.03

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 1'-00" OFF CENTERLINE AND 29'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 349"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,545.07	0	3,067.15	0	2,589.89	0	2,112.86	0	1,636.09	0	1,158.97	0	682.46	0	203.96	0		0	
1/4	3,535.12	1/4	3,057.19	1/4	2,579.96	1/4	2,102.91	1/4	1,625.14	1/4	1,149.09	1/4	672.49	1/4	194.00	1/4		1/4	
1/2	3,525.16	1/2	3,047.23	1/2	2,570.04	1/2	2,092.95	1/2	1,615.19	1/2	1,139.21	1/2	662.52	1/2	184.04	1/2		1/2	
3/4	3,515.20	3/4	3,037.28	3/4	2,560.11	3/4	2,083.00	3/4	1,605.23	3/4	1,129.33	3/4	652.55	3/4	174.11	3/4		3/4	
1	3,505.25	1	3,027.32	1	2,550.19	1	2,073.05	1	1,595.28	1	1,119.45	1	642.58	1	164.17	1		1	
1/4	3,495.29	1/4	3,017.36	1/4	2,540.26	1/4	2,063.09	1/4	1,585.32	1/4	1,109.57	1/4	632.61	1/4	154.24	1/4		1/4	
1/2	3,485.33	1/2	3,007.41	1/2	2,530.34	1/2	2,053.14	1/2	1,575.37	1/2	1,099.69	1/2	622.64	1/2	144.31	1/2		1/2	
3/4	3,475.38	3/4	2,997.45	3/4	2,520.41	3/4	2,043.19	3/4	1,565.42	3/4	1,089.81	3/4	612.67	3/4	134.40	3/4		3/4	
2	3,465.42	2	2,987.49	2	2,510.49	2	2,033.23	2	1,555.46	2	1,079.93	2	602.70	2	124.50	2		2	
1/4	3,455.46	1/4	2,977.54	1/4	2,500.56	1/4	2,023.28	1/4	1,545.51	1/4	1,070.05	1/4	592.73	1/4	114.59	1/4		1/4	
1/2	3,445.51	1/2	2,967.58	1/2	2,490.64	1/2	2,013.33	1/2	1,535.56	1/2	1,060.17	1/2	582.76	1/2	104.69	1/2		1/2	
3/4	3,435.55	3/4	2,957.62	3/4	2,480.71	3/4	2,003.37	3/4	1,525.60	3/4	1,050.29	3/4	572.79	3/4	94.84	3/4		3/4	
3	3,425.59	3	2,947.67	3	2,470.78	3	1,993.42	3	1,515.65	3	1,040.41	3	562.81	3	84.99	3		3	
1/4	3,415.64	1/4	2,937.71	1/4	2,460.86	1/4	1,983.46	1/4	1,505.70	1/4	1,030.53	1/4	552.84	1/4	75.14	1/4		1/4	
1/2	3,405.68	1/2	2,927.75	1/2	2,450.93	1/2	1,973.51	1/2	1,495.74	1/2	1,020.65	1/2	542.87	1/2	65.28	1/2		1/2	
3/4	3,395.72	3/4	2,917.80	3/4	2,441.01	3/4	1,963.56	3/4	1,485.79	3/4	1,010.77	3/4	532.90	3/4	55.79	3/4		3/4	
4	3,385.76	4	2,907.84	4	2,431.08	4	1,953.60	4	1,475.84	4	1,000.89	4	522.93	4	48.29	4		4	
1/4	3,375.81	1/4	2,897.88	1/4	2,421.16	1/4	1,943.65	1/4	1,465.88	1/4	991.01	1/4	512.96	1/4	39.80	1/4		1/4	
1/2	3,365.85	1/2	2,887.92	1/2	2,411.23	1/2	1,933.70	1/2	1,455.93	1/2	981.14	1/2	502.99	1/2	31.30	1/2		1/2	
3/4	3,355.89	3/4	2,877.97	3/4	2,401.31	3/4	1,923.74	3/4	1,445.98	3/4	971.21	3/4	493.02	3/4	25.90	3/4		3/4	
5	3,345.94	5	2,868.01	5	2,391.38	5	1,913.79	5	1,436.02	5	961.28	5	483.05	5	20.50	5		5	
1/4	3,335.98	1/4	2,858.05	1/4	2,381.45	1/4	1,903.84	1/4	1,426.07	1/4	951.36	1/4	473.09	1/4	15.10	1/4		1/4	
1/2	3,326.02	1/2	2,848.10	1/2	2,371.53	1/2	1,893.88	1/2	1,416.12	1/2	941.43	1/2	463.12	1/2	9.70	1/2		1/2	
3/4	3,316.07	3/4	2,838.14	3/4	2,361.60	3/4	1,883.93	3/4	1,406.17	3/4	931.49	3/4	453.15	3/4	7.62	3/4		3/4	
6	3,306.11	6	2,828.18	6	2,351.68	6	1,873.98	6	1,396.23	6	921.55	6	443.18	6	5.54	6		6	
1/4	3,296.15	1/4	2,818.23	1/4	2,341.75	1/4	1,864.02	1/4	1,386.29	1/4	911.60	1/4	433.21	1/4	3.47	1/4		1/4	
1/2	3,286.20	1/2	2,808.27	1/2	2,331.83	1/2	1,854.07	1/2	1,376.34	1/2	901.66	1/2	423.24	1/2	1.39	1/2		1/2	
3/4	3,276.24	3/4	2,798.34	3/4	2,321.88	3/4	1,844.12	3/4	1,366.46	3/4	891.70	3/4	413.27	3/4		3/4		3/4	
7	3,266.28	7	2,788.41	7	2,311.93	7	1,834.16	7	1,356.57	7	881.74	7	403.30	7		7		7	
1/4	3,256.33	1/4	2,778.48	1/4	2,301.97	1/4	1,824.21	1/4	1,346.68	1/4	871.79	1/4	393.33	1/4		1/4		1/4	
1/2	3,246.37	1/2	2,768.55	1/2	2,292.02	1/2	1,814.26	1/2	1,336.80	1/2	861.83	1/2	383.36	1/2		1/2		1/2	
3/4	3,236.41	3/4	2,758.62	3/4	2,282.07	3/4	1,804.30	3/4	1,326.92	3/4	851.87	3/4	373.39	3/4		3/4		3/4	
8	3,226.46	8	2,748.70	8	2,272.12	8	1,794.35	8	1,317.04	8	841.91	8	363.42	8		8		8	
1/4	3,216.50	1/4	2,738.77	1/4	2,262.16	1/4	1,784.39	1/4	1,307.16	1/4	831.95	1/4	353.45	1/4		1/4		1/4	
1/2	3,206.54	1/2	2,728.85	1/2	2,252.21	1/2	1,774.44	1/2	1,297.28	1/2	821.99	1/2	343.48	1/2		1/2		1/2	
3/4	3,196.59	3/4	2,718.92	3/4	2,242.26	3/4	1,764.49	3/4	1,287.40	3/4	812.03	3/4	333.51	3/4		3/4		3/4	
9	3,186.63	9	2,709.00	9	2,232.30	9	1,754.53	9	1,277.52	9	802.08	9	323.54	9		9		9	
1/4	3,176.67	1/4	2,699.07	1/4	2,222.35	1/4	1,744.58	1/4	1,267.64	1/4	792.12	1/4	313.57	1/4		1/4		1/4	
1/2	3,166.72	1/2	2,689.15	1/2	2,212.40	1/2	1,734.63	1/2	1,257.76	1/2	782.16	1/2	303.60	1/2		1/2		1/2	
3/4	3,156.76	3/4	2,679.22	3/4	2,202.44	3/4	1,724.67	3/4	1,247.88	3/4	772.19	3/4	293.63	3/4		3/4		3/4	
10	3,146.80	10	2,669.29	10	2,192.49	10	1,714.72	10	1,238.00	10	762.22	10	283.66	10		10		10	
1/4	3,136.84	1/4	2,659.37	1/4	2,182.53	1/4	1,704.77	1/4	1,228.12	1/4	752.25	1/4	273.69	1/4		1/4		1/4	
1/2	3,126.89	1/2	2,649.44	1/2	2,172.58	1/2	1,694.81	1/2	1,218.24	1/2	742.28	1/2	263.72	1/2		1/2		1/2	
3/4	3,116.93	3/4	2,639.52	3/4	2,162.63	3/4	1,684.86	3/4	1,208.36	3/4	732.31	3/4	253.75	3/4		3/4		3/4	
11	3,106.97	11	2,629.59	11	2,152.67	11	1,674.91	11	1,198.48	11	722.34	11	243.79	11		11		11	
1/4	3,097.02	1/4	2,619.67	1/4	2,142.72	1/4	1,664.95	1/4	1,188.60	1/4	712.37	1/4	233.82	1/4		1/4		1/4	
1/2	3,087.06	1/2	2,609.74	1/2	2,132.77	1/2	1,655.00	1/2	1,178.73	1/2	702.40	1/2	223.86	1/2		1/2		1/2	
3/4	3,077.10	3/4	2,599.82	3/4	2,122.81	3/4	1,645.05	3/4	1,168.85	3/4	692.43	3/4	213.90	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/06/2014 CL
CALCULATED: 06/06/2014 CL
PRINTED: 06/06/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

PRECISION MEASUREMENT
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