



# BARGE "WEB 327"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	- 00-0/8	00-0/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8
2 PORT	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
2 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
4 CENTER	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-3/8	- 00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 238'-00"

September 20, 2012

PRECISION MEASUREMENT  
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 P.O. Box 2092  
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# BARGE "WEB 327"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07"

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	0	0	7,035.67	0	6,544.07	0	6,052.62	0	5,560.04	0	5,065.11	0	4,570.19	0	4,075.26		
1/4	1/4	1/4	1/4	1/4	1/4	7,025.43	1/4	6,533.83	1/4	6,042.38	1/4	5,549.73	1/4	5,054.80	1/4	4,559.88	1/4	4,064.95		
1/2	1/2	1/2	1/2	1/2	1/2	7,015.19	1/2	6,523.60	1/2	6,032.14	1/2	5,539.42	1/2	5,044.49	1/2	4,549.56	1/2	4,054.64		
3/4	3/4	3/4	3/4	3/4	3/4	7,004.95	3/4	6,513.36	3/4	6,021.90	3/4	5,529.11	3/4	5,034.18	3/4	4,539.25	3/4	4,044.33		
1	1	1	1	1	1	6,994.71	1	6,503.12	1	6,011.67	1	5,518.80	1	5,023.87	1	4,528.94	1	4,034.01		
1/4	1/4	1/4	1/4	1/4	1/4	6,984.46	1/4	6,492.88	1/4	6,001.43	1/4	5,508.49	1/4	5,013.56	1/4	4,518.63	1/4	4,023.70		
1/2	1/2	1/2	1/2	1/2	1/2	6,974.21	1/2	6,482.64	1/2	5,991.19	1/2	5,498.18	1/2	5,003.25	1/2	4,508.32	1/2	4,013.39		
3/4	3/4	3/4	3/4	3/4	3/4	6,963.95	3/4	6,472.40	3/4	5,980.95	3/4	5,487.87	3/4	4,992.94	3/4	4,498.01	3/4	4,003.08		
2	2	2	2	2	2	6,953.70	2	6,462.16	2	5,970.71	2	5,477.55	2	4,982.63	2	4,487.70	2	3,992.77		
1/4	1/4	1/4	1/4	1/4	1/4	6,943.44	1/4	6,451.93	1/4	5,960.47	1/4	5,467.24	1/4	4,972.32	1/4	4,477.39	1/4	3,982.46		
1/2	1/2	1/2	1/2	1/2	1/2	6,933.18	1/2	6,441.69	1/2	5,950.23	1/2	5,456.93	1/2	4,962.00	1/2	4,467.08	1/2	3,972.15		
3/4	3/4	3/4	3/4	3/4	3/4	6,922.92	3/4	6,431.45	3/4	5,940.00	3/4	5,446.62	3/4	4,951.69	3/4	4,456.77	3/4	3,961.84		
3	3	3	3	3	3	6,912.67	3	6,421.21	3	5,929.76	3	5,436.31	3	4,941.38	3	4,446.45	3	3,951.53		
1/4	1/4	1/4	1/4	1/4	1/4	6,902.43	1/4	6,410.97	1/4	5,919.52	1/4	5,426.00	1/4	4,931.07	1/4	4,436.14	1/4	3,941.22		
1/2	1/2	1/2	1/2	1/2	1/2	6,892.19	1/2	6,400.73	1/2	5,909.28	1/2	5,415.69	1/2	4,920.76	1/2	4,425.83	1/2	3,930.90		
3/4	3/4	3/4	3/4	3/4	3/4	6,881.95	3/4	6,390.49	3/4	5,899.04	3/4	5,405.38	3/4	4,910.45	3/4	4,415.52	3/4	3,920.59		
4	4	4	4	4	4	6,871.71	4	6,380.26	4	5,888.80	4	5,395.07	4	4,900.14	4	4,405.21	4	3,910.28		
1/4	1/4	1/4	1/4	1/4	1/4	6,861.47	1/4	6,370.02	1/4	5,878.56	1/4	5,384.76	1/4	4,889.83	1/4	4,394.90	1/4	3,899.97		
1/2	1/2	1/2	1/2	1/2	1/2	6,851.23	1/2	6,359.78	1/2	5,868.33	1/2	5,374.44	1/2	4,879.52	1/2	4,384.59	1/2	3,889.66		
3/4	3/4	3/4	3/4	3/4	3/4	6,840.99	3/4	6,349.54	3/4	5,858.09	3/4	5,364.13	3/4	4,869.21	3/4	4,374.28	3/4	3,879.35		
5	5	5	5	5	5	6,830.75	5	6,339.30	5	5,847.85	5	5,353.82	5	4,858.89	5	4,363.97	5	3,869.04		
1/4	1/4	1/4	1/4	1/4	1/4	6,820.51	1/4	6,329.06	1/4	5,837.61	1/4	5,343.51	1/4	4,848.58	1/4	4,353.66	1/4	3,858.73		
1/2	1/2	1/2	1/2	1/2	1/2	6,810.28	1/2	6,318.82	1/2	5,827.37	1/2	5,333.20	1/2	4,838.27	1/2	4,343.34	1/2	3,848.42		
3/4	3/4	3/4	3/4	3/4	3/4	6,800.04	3/4	6,308.58	3/4	5,817.13	3/4	5,322.89	3/4	4,827.96	3/4	4,333.03	3/4	3,838.11		
6	6	6	6	6	6	6,789.80	6	6,298.35	6	5,806.89	6	5,312.58	6	4,817.65	6	4,322.72	6	3,827.79		
1/4	1/4	1/4	1/4	1/4	1/4	6,779.56	1/4	6,288.11	1/4	5,796.65	1/4	5,302.27	1/4	4,807.34	1/4	4,312.41	1/4	3,817.48		
1/2	1/2	1/2	1/2	1/2	1/2	7,168.75	1/2	6,769.32	1/2	6,277.87	1/2	5,786.42	1/2	5,291.96	1/2	4,797.03	1/2	4,302.10	1/2	3,807.17
3/4	3/4	3/4	3/4	3/4	3/4	7,167.96	3/4	6,759.08	3/4	6,267.63	3/4	5,776.18	3/4	5,281.65	3/4	4,786.72	3/4	4,291.79	3/4	3,796.86
7	7	7	7	7	7	7,167.16	7	6,748.84	7	6,257.39	7	5,765.94	7	5,271.33	7	4,776.41	7	4,281.48	7	3,786.55
1/4	1/4	1/4	1/4	1/4	1/4	7,164.56	1/4	6,738.61	1/4	6,247.15	1/4	5,755.70	1/4	5,261.02	1/4	4,766.10	1/4	4,271.17	1/4	3,776.22
1/2	1/2	1/2	1/2	1/2	1/2	7,161.96	1/2	6,728.37	1/2	6,236.91	1/2	5,745.46	1/2	5,250.71	1/2	4,755.78	1/2	4,260.86	1/2	3,765.89
3/4	3/4	3/4	3/4	3/4	3/4	7,159.35	3/4	6,718.13	3/4	6,226.68	3/4	5,735.22	3/4	5,240.40	3/4	4,745.47	3/4	4,250.55	3/4	3,755.56
8	8	8	8	8	8	7,156.75	8	6,707.89	8	6,216.44	8	5,724.98	8	5,230.09	8	4,735.16	8	4,240.23	8	3,745.23
1/4	1/4	1/4	1/4	1/4	1/4	7,152.08	1/4	6,697.65	1/4	6,206.20	1/4	5,714.68	1/4	5,219.78	1/4	4,724.85	1/4	4,229.92	1/4	3,734.90
1/2	1/2	1/2	1/2	1/2	1/2	7,147.41	1/2	6,687.41	1/2	6,195.96	1/2	5,704.38	1/2	5,209.47	1/2	4,714.54	1/2	4,219.61	1/2	3,724.57
3/4	3/4	3/4	3/4	3/4	3/4	7,142.74	3/4	6,677.17	3/4	6,185.72	3/4	5,694.08	3/4	5,199.16	3/4	4,704.23	3/4	4,209.30	3/4	3,714.24
9	9	9	9	9	9	7,138.07	9	6,666.94	9	6,175.48	9	5,683.77	9	5,188.85	9	4,693.92	9	4,198.99	9	3,703.91
1/4	1/4	1/4	1/4	1/4	1/4	7,131.34	1/4	6,656.70	1/4	6,165.24	1/4	5,673.46	1/4	5,178.54	1/4	4,683.61	1/4	4,188.68	1/4	3,693.58
1/2	1/2	1/2	1/2	1/2	1/2	7,124.60	1/2	6,646.46	1/2	6,155.01	1/2	5,663.15	1/2	5,168.22	1/2	4,673.30	1/2	4,178.37	1/2	3,683.25
3/4	3/4	3/4	3/4	3/4	3/4	7,117.87	3/4	6,636.22	3/4	6,144.77	3/4	5,652.84	3/4	5,157.91	3/4	4,662.99	3/4	4,168.06	3/4	3,672.92
10	10	10	10	10	10	7,111.13	10	6,625.98	10	6,134.53	10	5,642.53	10	5,147.60	10	4,652.67	10	4,157.75	10	3,662.59
1/4	1/4	1/4	1/4	1/4	1/4	7,102.33	1/4	6,615.74	1/4	6,124.29	1/4	5,632.22	1/4	5,137.29	1/4	4,642.36	1/4	4,147.44	1/4	3,652.26
1/2	1/2	1/2	1/2	1/2	1/2	7,093.53	1/2	6,605.50	1/2	6,114.05	1/2	5,621.91	1/2	5,126.98	1/2	4,632.05	1/2	4,137.12	1/2	3,641.93
3/4	3/4	3/4	3/4	3/4	3/4	7,084.73	3/4	6,595.27	3/4	6,103.81	3/4	5,611.60	3/4	5,116.67	3/4	4,621.74	3/4	4,126.81	3/4	3,631.60
11	11	11	11	11	11	7,075.93	11	6,585.03	11	6,093.57	11	5,601.29	11	5,106.36	11	4,611.43	11	4,116.50	11	3,621.27
1/4	1/4	1/4	1/4	1/4	1/4	7,065.86	1/4	6,574.79	1/4	6,083.34	1/4	5,590.98	1/4	5,096.05	1/4	4,601.12	1/4	4,106.19	1/4	3,610.94
1/2	1/2	1/2	1/2	1/2	1/2	7,055.80	1/2	6,564.55	1/2	6,073.10	1/2	5,580.66	1/2	5,085.74	1/2	4,590.81	1/2	4,095.88	1/2	3,600.61
3/4	3/4	3/4	3/4	3/4	3/4	7,045.74	3/4	6,554.31	3/4	6,062.86	3/4	5,570.35	3/4	5,075.43	3/4	4,580.50	3/4	4,085.57	3/4	3,590.28

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 28'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "WEB 327"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07"

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	3,579.96	0	3,084.10	0	2,588.25	0	2,092.40	0	1,596.55	0	1,101.12	0	606.17	0	166.05	0		0	
1/4	3,569.62	1/4	3,073.77	1/4	2,577.92	1/4	2,082.07	1/4	1,586.22	1/4	1,090.81	1/4	596.07 <sup>1/4</sup>	1/4	168.00	1/4		1/4	
1/2	3,559.29	1/2	3,063.44	1/2	2,567.59	1/2	2,071.74	1/2	1,575.89	1/2	1,080.50	1/2	585.98 <sup>1/2</sup>	1/2	149.94	1/2		1/2	
3/4	3,548.96	3/4	3,053.11	3/4	2,557.26	3/4	2,061.41	3/4	1,565.56	3/4	1,070.19	3/4	575.88 <sup>3/4</sup>	3/4	141.89	3/4		3/4	
1	3,538.63	1	3,042.78	1	2,546.93	1	2,051.08	1	1,555.23	1	1,059.88	1	565.78	1	133.83	1		1	
1/4	3,528.30	1/4	3,032.45	1/4	2,536.60	1/4	2,040.75	1/4	1,544.90	1/4	1,049.57	1/4	555.85 <sup>1/4</sup>	1/4	125.96	1/4		1/4	
1/2	3,517.97	1/2	3,022.12	1/2	2,526.27	1/2	2,030.42	1/2	1,534.57	1/2	1,039.26	1/2	545.92 <sup>1/2</sup>	1/2	118.10	1/2		1/2	
3/4	3,507.64	3/4	3,011.79	3/4	2,515.94	3/4	2,020.09	3/4	1,524.24	3/4	1,028.95	3/4	535.99 <sup>3/4</sup>	3/4	110.23	3/4		3/4	
2	3,497.31	2	3,001.46	2	2,505.61	2	2,009.76	2	1,513.91	2	1,018.64	2	526.06	2	102.36	2		2	
1/4	3,486.98	1/4	2,991.13	1/4	2,495.28	1/4	1,999.43	1/4	1,503.58	1/4	1,008.33	1/4	516.30 <sup>1/4</sup>	1/4	94.70	1/4		1/4	
1/2	3,476.65	1/2	2,980.80	1/2	2,484.95	1/2	1,989.10	1/2	1,493.25	1/2	998.03	1/2	506.54 <sup>1/2</sup>	1/2	87.03	1/2		1/2	
3/4	3,466.32	3/4	2,970.47	3/4	2,474.62	3/4	1,978.77	3/4	1,482.92	3/4	987.72	3/4	496.78 <sup>3/4</sup>	3/4	79.36	3/4		3/4	
3	3,455.99	3	2,960.14	3	2,464.29	3	1,968.44	3	1,472.59	3	977.41	3	487.02	3	71.70	3		3	
1/4	3,445.66	1/4	2,949.81	1/4	2,453.96	1/4	1,958.11	1/4	1,462.26	1/4	967.10	1/4	477.43 <sup>1/4</sup>	1/4	64.25	1/4		1/4	
1/2	3,435.33	1/2	2,939.48	1/2	2,443.63	1/2	1,947.78	1/2	1,451.93	1/2	956.79	1/2	467.84 <sup>1/2</sup>	1/2	56.81	1/2		1/2	
3/4	3,425.00	3/4	2,929.15	3/4	2,433.30	3/4	1,937.45	3/4	1,441.60	3/4	946.48	3/4	458.25 <sup>3/4</sup>	3/4	49.37	3/4		3/4	
4	3,414.67	4	2,918.82	4	2,422.97	4	1,927.12	4	1,431.27	4	936.17	4	448.66	4	41.93	4		4	
1/4	3,404.34	1/4	2,908.49	1/4	2,412.64	1/4	1,916.79	1/4	1,420.94	1/4	925.86	1/4	439.23 <sup>1/4</sup>	1/4	36.06	1/4		1/4	
1/2	3,394.01	1/2	2,898.16	1/2	2,402.31	1/2	1,906.46	1/2	1,410.61	1/2	915.55	1/2	429.81 <sup>1/2</sup>	1/2	30.19	1/2		1/2	
3/4	3,383.68	3/4	2,887.83	3/4	2,391.98	3/4	1,896.13	3/4	1,400.28	3/4	905.24	3/4	420.39 <sup>3/4</sup>	3/4	24.32	3/4		3/4	
5	3,373.35	5	2,877.50	5	2,381.65	5	1,885.80	5	1,389.95	5	894.93	5	410.96	5	18.45	5		5	
1/4	3,363.02	1/4	2,867.17	1/4	2,371.32	1/4	1,875.47	1/4	1,379.62	1/4	884.63	1/4	401.71 <sup>1/4</sup>	1/4	15.95	1/4		1/4	
1/2	3,352.69	1/2	2,856.84	1/2	2,360.99	1/2	1,865.14	1/2	1,369.29	1/2	874.32	1/2	392.46 <sup>1/2</sup>	1/2	13.46	1/2		1/2	
3/4	3,342.36	3/4	2,846.51	3/4	2,350.66	3/4	1,854.81	3/4	1,358.96	3/4	864.01	3/4	383.20 <sup>3/4</sup>	3/4	10.96	3/4		3/4	
6	3,332.03	6	2,836.18	6	2,340.33	6	1,844.48	6	1,348.63	6	853.70	6	373.95	6	8.47	6		6	
1/4	3,321.70	1/4	2,825.85	1/4	2,330.00	1/4	1,834.15	1/4	1,338.30	1/4	843.39	1/4	364.86 <sup>1/4</sup>	1/4	6.71	1/4		1/4	
1/2	3,311.37	1/2	2,815.52	1/2	2,319.67	1/2	1,823.82	1/2	1,327.97	1/2	833.08	1/2	355.78 <sup>1/2</sup>	1/2	4.94	1/2		1/2	
3/4	3,301.03	3/4	2,805.19	3/4	2,309.34	3/4	1,813.49	3/4	1,317.64	3/4	822.77	3/4	346.69 <sup>3/4</sup>	3/4	3.18	3/4		3/4	
7	3,290.70	7	2,794.86	7	2,299.01	7	1,803.16	7	1,307.31	7	812.46	7	337.61	7	1.42	7		7	
1/4	3,280.37	1/4	2,784.52	1/4	2,288.68	1/4	1,792.83	1/4	1,297.00	1/4	802.13	1/4	328.69 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	3,270.04	1/2	2,774.19	1/2	2,278.35	1/2	1,782.50	1/2	1,286.68	1/2	791.81	1/2	319.77 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	3,259.71	3/4	2,763.86	3/4	2,268.01	3/4	1,772.17	3/4	1,276.37	3/4	781.48	3/4	310.86 <sup>3/4</sup>	3/4		3/4		3/4	
8	3,249.38	8	2,753.53	8	2,257.68	8	1,761.84	8	1,266.06	8	771.15	8	301.94	8		8		8	
1/4	3,239.05	1/4	2,743.20	1/4	2,247.35	1/4	1,751.50	1/4	1,255.75	1/4	760.82	1/4	293.19 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	3,228.72	1/2	2,732.87	1/2	2,237.02	1/2	1,741.17	1/2	1,245.44	1/2	750.49	1/2	284.44 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	3,218.39	3/4	2,722.54	3/4	2,226.69	3/4	1,730.84	3/4	1,235.13	3/4	740.16	3/4	275.70 <sup>3/4</sup>	3/4		3/4		3/4	
9	3,208.06	9	2,712.21	9	2,216.36	9	1,720.51	9	1,224.83	9	729.83	9	266.95	9		9		9	
1/4	3,197.73	1/4	2,701.88	1/4	2,206.03	1/4	1,710.18	1/4	1,214.52	1/4	719.50	1/4	258.37 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	3,187.40	1/2	2,691.55	1/2	2,195.70	1/2	1,699.85	1/2	1,204.21	1/2	709.17	1/2	249.79 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	3,177.07	3/4	2,681.22	3/4	2,185.37	3/4	1,689.52	3/4	1,193.90	3/4	698.84	3/4	241.21 <sup>3/4</sup>	3/4		3/4		3/4	
10	3,166.74	10	2,670.89	10	2,175.04	10	1,679.19	10	1,183.59	10	688.51	10	232.63	10		10		10	
1/4	3,156.41	1/4	2,660.56	1/4	2,164.71	1/4	1,668.86	1/4	1,173.28	1/4	678.18	1/4	224.22 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	3,146.08	1/2	2,650.23	1/2	2,154.38	1/2	1,658.53	1/2	1,162.97	1/2	667.85	1/2	215.81 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	3,135.75	3/4	2,639.90	3/4	2,144.05	3/4	1,648.20	3/4	1,152.66	3/4	657.52	3/4	207.40 <sup>3/4</sup>	3/4		3/4		3/4	
11	3,125.42	11	2,629.57	11	2,133.72	11	1,637.87	11	1,142.35	11	647.19	11	198.99	11		11		11	
1/4	3,115.09	1/4	2,619.24	1/4	2,123.39	1/4	1,627.54	1/4	1,132.04	1/4	636.94	1/4	190.76 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	3,104.76	1/2	2,608.91	1/2	2,113.06	1/2	1,617.21	1/2	1,121.73	1/2	626.68	1/2	182.52 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	3,094.43	3/4	2,598.58	3/4	2,102.73	3/4	1,606.88	3/4	1,111.43	3/4	616.43	3/4	174.29 <sup>3/4</sup>	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/20/2012 CL - SW  
CALCULATED: 09/20/2012 CL  
PRINTED: 09/20/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2012

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "WEB 327"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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	2,077.36	0	1,791.76	0	1,506.17	0	1,220.57	0	934.98	0	655.97	0	374.75	0	89.31	0			
1/4	2,071.41	1/4	1,785.81	1/4	1,500.22	1/4	1,214.62	1/4	929.03	1/4	650.25	1/4	368.80 <sup>1/4</sup>		83.39	1/4			
1/2	2,065.46	1/2	1,779.86	1/2	1,494.27	1/2	1,208.67	1/2	923.08	1/2	644.53	1/2	362.85 <sup>1/2</sup>		77.48	1/2			
3/4	2,059.51	3/4	1,773.91	3/4	1,488.32	3/4	1,202.72	3/4	917.13	3/4	638.81	3/4	356.90 <sup>3/4</sup>		71.56	3/4			
1	2,053.56	1	1,767.96	1	1,482.37	1	1,196.77	1	911.18	1	633.09	1	350.95	1	65.67	1			
1/4	2,047.61	1/4	1,762.01	1/4	1,476.42	1/4	1,190.82	1/4	905.23	1/4	627.37	1/4	345.00 <sup>1/4</sup>		59.78	1/4			
1/2	2,041.66	1/2	1,756.06	1/2	1,470.47	1/2	1,184.87	1/2	899.28	1/2	621.65	1/2	339.05 <sup>1/2</sup>		53.89	1/2			
3/4	2,035.71	3/4	1,750.11	3/4	1,464.52	3/4	1,178.92	3/4	893.33	3/4	615.93	3/4	333.10 <sup>3/4</sup>		47.99	3/4			
2	2,029.76	2	1,744.16	2	1,458.57	2	1,172.97	2	887.38	2	610.21	2	327.15	2	42.58	2			
1/4	2,023.81	1/4	1,738.21	1/4	1,452.62	1/4	1,167.02	1/4	881.43	1/4	604.49	1/4	321.20 <sup>1/4</sup>		37.17	1/4			
1/2	2,017.86	1/2	1,732.26	1/2	1,446.67	1/2	1,161.07	1/2	875.48	1/2	598.77	1/2	315.25 <sup>1/2</sup>		31.75	1/2			
3/4	2,011.91	3/4	1,726.31	3/4	1,440.72	3/4	1,155.12	3/4	869.53	3/4	593.05	3/4	309.30 <sup>3/4</sup>		26.34	3/4			
3	2,005.96	3	1,720.36	3	1,434.77	3	1,149.17	3	863.58	3	587.33	3	303.35	3	22.37	3			
1/4	2,000.01	1/4	1,714.41	1/4	1,428.82	1/4	1,143.22	1/4	857.63	1/4	581.61	1/4	297.40 <sup>1/4</sup>		18.41	1/4			
1/2	1,994.06	1/2	1,708.46	1/2	1,422.87	1/2	1,137.27	1/2	851.68	1/2	575.89	1/2	291.45 <sup>1/2</sup>		14.44	1/2			
3/4	1,988.11	3/4	1,702.51	3/4	1,416.92	3/4	1,131.32	3/4	845.73	3/4	570.17	3/4	285.50 <sup>3/4</sup>		10.48	3/4			
4	1,982.16	4	1,696.56	4	1,410.97	4	1,125.37	4	839.83	4	564.39	4	279.55	4		4			
1/4	1,976.21	1/4	1,690.61	1/4	1,405.02	1/4	1,119.42	1/4	833.94	1/4	558.61	1/4	273.60 <sup>1/4</sup>			1/4			
1/2	1,970.26	1/2	1,684.66	1/2	1,399.07	1/2	1,113.47	1/2	828.05	1/2	552.83	1/2	267.65 <sup>1/2</sup>			1/2			
3/4	1,964.31	3/4	1,678.71	3/4	1,393.12	3/4	1,107.52	3/4	822.15	3/4	547.06	3/4	261.71 <sup>3/4</sup>			3/4			
5	1,958.36	5	1,672.76	5	1,387.17	5	1,101.57	5	816.37	5	541.16	5	255.76	5		5			
1/4	1,952.41	1/4	1,666.81	1/4	1,381.22	1/4	1,095.62	1/4	810.59	1/4	535.27	1/4	249.81 <sup>1/4</sup>			1/4			
1/2	1,946.46	1/2	1,660.86	1/2	1,375.27	1/2	1,089.67	1/2	804.81	1/2	529.38	1/2	243.86 <sup>1/2</sup>			1/2			
3/4	1,940.51	3/4	1,654.91	3/4	1,369.32	3/4	1,083.72	3/4	799.03	3/4	523.48	3/4	237.91 <sup>3/4</sup>			3/4			
6	1,934.56	6	1,648.96	6	1,363.37	6	1,077.77	6	793.31	6	517.53	6	231.96	6		6			
1/4	1,928.61	1/4	1,643.02	1/4	1,357.42	1/4	1,071.82	1/4	787.58	1/4	511.58	1/4	226.01 <sup>1/4</sup>			1/4			
1/2	1,922.66	1/2	1,637.07	1/2	1,351.47	1/2	1,065.87	1/2	781.86	1/2	505.63	1/2	220.06 <sup>1/2</sup>			1/2			
3/4	1,916.71	3/4	1,631.12	3/4	1,345.52	3/4	1,059.92	3/4	776.13	3/4	499.69	3/4	214.11 <sup>3/4</sup>			3/4			
7	1,910.76	7	1,625.17	7	1,339.57	7	1,053.97	7	770.41	7	493.74	7	208.16	7		7			
1/4	1,904.81	1/4	1,619.22	1/4	1,333.62	1/4	1,048.03	1/4	764.68	1/4	487.79	1/4	202.21 <sup>1/4</sup>			1/4			
1/2	1,898.86	1/2	1,613.27	1/2	1,327.67	1/2	1,042.08	1/2	758.96	1/2	481.84	1/2	196.26 <sup>1/2</sup>			1/2			
3/4	1,892.91	3/4	1,607.32	3/4	1,321.72	3/4	1,036.13	3/4	753.23	3/4	475.89	3/4	190.31 <sup>3/4</sup>			3/4			
8	1,886.96	8	1,601.37	8	1,315.77	8	1,030.18	8	747.51	8	469.94	8	184.36	8		8			
1/4	1,881.01	1/4	1,595.42	1/4	1,309.82	1/4	1,024.23	1/4	741.79	1/4	463.99	1/4	178.41 <sup>1/4</sup>			1/4			
1/2	1,875.06	1/2	1,589.47	1/2	1,303.87	1/2	1,018.28	1/2	736.06	1/2	458.04	1/2	172.46 <sup>1/2</sup>			1/2			
3/4	1,869.11	3/4	1,583.52	3/4	1,297.92	3/4	1,012.33	3/4	730.34	3/4	452.09	3/4	166.51 <sup>3/4</sup>			3/4			
9	1,863.16	9	1,577.57	9	1,291.97	9	1,006.38	9	724.62	9	446.14	9	160.57	9		9			
1/4	1,857.21	1/4	1,571.62	1/4	1,286.02	1/4	1,000.43	1/4	718.90	1/4	440.19	1/4	154.62 <sup>1/4</sup>			1/4			
1/2	1,851.26	1/2	1,565.67	1/2	1,280.07	1/2	994.48	1/2	713.18	1/2	434.24	1/2	148.67 <sup>1/2</sup>			1/2			
3/4	1,845.31	3/4	1,559.72	3/4	1,274.12	3/4	988.53	3/4	707.45	3/4	428.29	3/4	142.72 <sup>3/4</sup>			3/4			
10	1,839.36	10	1,553.77	10	1,268.17	10	982.58	10	701.73	10	422.34	10	136.78	10		10			
1/4	1,833.41	1/4	1,547.82	1/4	1,262.22	1/4	976.63	1/4	696.01	1/4	416.39	1/4	130.84 <sup>1/4</sup>			1/4			
1/2	1,827.46	1/2	1,541.87	1/2	1,256.27	1/2	970.68	1/2	690.29	1/2	410.44	1/2	124.90 <sup>1/2</sup>			1/2			
3/4	1,821.51	3/4	1,535.92	3/4	1,250.32	3/4	964.73	3/4	684.57	3/4	404.49	3/4	118.96 <sup>3/4</sup>			3/4			
11	1,815.56	11	1,529.97	11	1,244.37	11	958.78	11	678.85	11	398.54	11	113.02	11		11			
1/4	1,809.61	1/4	1,524.02	1/4	1,238.42	1/4	952.83	1/4	673.13	1/4	392.59	1/4	107.09 <sup>1/4</sup>			1/4			
1/2	1,803.66	1/2	1,518.07	1/2	1,232.47	1/2	946.88	1/2	667.41	1/2	386.64	1/2	101.16 <sup>1/2</sup>			1/2			
3/4	1,797.71	3/4	1,512.12	3/4	1,226.52	3/4	940.93	3/4	661.69	3/4	380.70	3/4	95.23	3/4		3/4			

STRAPPED: 09/20/2012 CL - SW  
CALCULATED: 09/20/2012 CL  
PRINTED: 09/20/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/20/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "WEB 327"

## 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	0	0	0	4,066.97	0	3,783.76	0	3,500.60	0	3,216.60	0	2,931.52	0	2,646.43	0	2,361.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,061.06	1/4	3,777.86	1/4	3,494.70	1/4	3,210.66	1/4	2,925.58	1/4	2,640.49	1/4	2,355.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,055.15	1/2	3,771.96	1/2	3,488.80	1/2	3,204.72	1/2	2,919.64	1/2	2,634.55	1/2	2,349.47
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,049.25	3/4	3,766.06	3/4	3,482.90	3/4	3,198.79	3/4	2,913.70	3/4	2,628.61	3/4	2,343.53
1	1	1	1	1	1	1	4,043.34	1	3,760.16	1	3,477.00	1	3,192.85	1	2,907.76	1	2,622.67	1	2,337.59
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,037.43	1/4	3,754.27	1/4	3,471.10	1/4	3,186.91	1/4	2,901.82	1/4	2,616.73	1/4	2,331.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,031.53	1/2	3,748.37	1/2	3,465.20	1/2	3,180.97	1/2	2,895.88	1/2	2,610.79	1/2	2,325.71
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,025.63	3/4	3,742.47	3/4	3,459.30	3/4	3,175.03	3/4	2,889.94	3/4	2,604.86	3/4	2,319.77
2	2	2	2	2	2	2	4,019.73	2	3,736.57	2	3,453.40	2	3,169.09	2	2,884.00	2	2,598.92	2	2,313.83
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,013.83	1/4	3,730.67	1/4	3,447.50	1/4	3,163.15	1/4	2,878.06	1/4	2,592.98	1/4	2,307.89
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,007.94	1/2	3,724.77	1/2	3,441.60	1/2	3,157.21	1/2	2,872.12	1/2	2,587.04	1/2	2,301.95
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,002.04	3/4	3,718.87	3/4	3,435.70	3/4	3,151.27	3/4	2,866.18	3/4	2,581.10	3/4	2,296.01
3	3	3	3	3	3	3	3,996.14	3	3,712.97	3	3,429.80	3	3,145.33	3	2,860.25	3	2,575.16	3	2,290.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,990.24	1/4	3,707.07	1/4	3,423.90	1/4	3,139.39	1/4	2,854.31	1/4	2,569.22	1/4	2,284.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,984.34	1/2	3,701.17	1/2	3,418.01	1/2	3,133.45	1/2	2,848.37	1/2	2,563.28	1/2	2,278.19
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,978.44	3/4	3,695.27	3/4	3,412.11	3/4	3,127.51	3/4	2,842.43	3/4	2,557.34	3/4	2,272.25
4	4	4	4	4	4	4	3,972.54	4	3,689.37	4	3,406.21	4	3,121.57	4	2,836.49	4	2,551.40	4	2,266.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,966.64	1/4	3,683.47	1/4	3,400.31	1/4	3,115.64	1/4	2,830.55	1/4	2,545.46	1/4	2,260.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,960.74	1/2	3,677.57	1/2	3,394.41	1/2	3,109.70	1/2	2,824.61	1/2	2,539.52	1/2	2,254.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,954.84	3/4	3,671.68	3/4	3,388.51	3/4	3,103.76	3/4	2,818.67	3/4	2,533.58	3/4	2,248.49
5	5	5	5	5	5	5	3,948.94	5	3,665.78	5	3,382.61	5	3,097.82	5	2,812.73	5	2,527.64	5	2,242.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,943.04	1/4	3,659.88	1/4	3,376.71	1/4	3,091.88	1/4	2,806.79	1/4	2,521.71	1/4	2,236.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,937.14	1/2	3,653.98	1/2	3,370.81	1/2	3,085.94	1/2	2,800.85	1/2	2,515.77	1/2	2,230.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,931.24	3/4	3,648.08	3/4	3,364.91	3/4	3,080.00	3/4	2,794.91	3/4	2,509.83	3/4	2,224.70
6	6	6	6	6	6	6	3,925.35	6	3,642.18	6	3,359.01	6	3,074.06	6	2,788.97	6	2,503.89	6	2,218.75
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,919.45	1/4	3,636.28	1/4	3,353.11	1/4	3,068.12	1/4	2,783.03	1/4	2,497.95	1/4	2,212.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,913.55	1/2	3,630.38	1/2	3,347.20	1/2	3,062.18	1/2	2,777.10	1/2	2,492.01	1/2	2,206.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,173.77	3/4	3,907.65	3/4	3,624.48	3/4	3,341.28	3/4	3,056.24	3/4	2,771.16	3/4	2,486.07
7	7	7	7	7	7	7	4,170.92	7	3,901.75	7	3,618.58	7	3,335.37	7	3,050.30	7	2,765.22	7	2,480.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,168.08	1/4	3,895.85	1/4	3,612.68	1/4	3,329.45	1/4	3,044.36	1/4	2,759.28	1/4	2,474.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,164.04	1/2	3,889.95	1/2	3,606.78	1/2	3,323.51	1/2	3,038.42	1/2	2,753.34	1/2	2,468.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,160.01	3/4	3,884.05	3/4	3,600.88	3/4	3,317.57	3/4	3,032.49	3/4	2,747.40	3/4	2,462.31
8	8	8	8	8	8	8	4,155.97	8	3,878.15	8	3,594.98	8	3,311.63	8	3,026.55	8	2,741.46	8	2,456.37
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,151.94	1/4	3,872.25	1/4	3,589.08	1/4	3,305.69	1/4	3,020.61	1/4	2,735.52	1/4	2,450.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,146.80	1/2	3,866.35	1/2	3,583.19	1/2	3,299.75	1/2	3,014.67	1/2	2,729.58	1/2	2,444.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,141.66	3/4	3,860.45	3/4	3,577.29	3/4	3,293.81	3/4	3,008.73	3/4	2,723.64	3/4	2,438.56
9	9	9	9	9	9	9	4,136.52	9	3,854.55	9	3,571.39	9	3,287.87	9	3,002.79	9	2,717.70	9	2,432.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,131.38	1/4	3,848.65	1/4	3,565.49	1/4	3,281.94	1/4	2,996.85	1/4	2,711.76	1/4	2,426.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,125.60	1/2	3,842.75	1/2	3,559.59	1/2	3,276.00	1/2	2,990.91	1/2	2,705.82	1/2	2,420.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,119.83	3/4	3,836.86	3/4	3,553.69	3/4	3,270.06	3/4	2,984.97	3/4	2,699.88	3/4	2,414.80
10	10	10	10	10	10	10	4,114.06	10	3,830.96	10	3,547.79	10	3,264.12	10	2,979.03	10	2,693.94	10	2,408.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,108.29	1/4	3,825.06	1/4	3,541.89	1/4	3,258.18	1/4	2,973.09	1/4	2,688.01	1/4	2,402.92
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,102.39	1/2	3,819.16	1/2	3,535.99	1/2	3,252.24	1/2	2,967.15	1/2	2,682.07	1/2	2,396.98
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,096.49	3/4	3,813.26	3/4	3,530.09	3/4	3,246.30	3/4	2,961.21	3/4	2,676.13	3/4	2,391.04
11	11	11	11	11	11	11	4,090.59	11	3,807.36	11	3,524.19	11	3,240.36	11	2,955.27	11	2,670.19	11	2,385.10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,084.69	1/4	3,801.46	1/4	3,518.29	1/4	3,234.42	1/4	2,949.33	1/4	2,664.25	1/4	2,379.16
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,078.78	1/2	3,795.56	1/2	3,512.39	1/2	3,228.48	1/2	2,943.40	1/2	2,658.31	1/2	2,373.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,072.87	3/4	3,789.66	3/4	3,506.49	3/4	3,222.54	3/4	2,937.46	3/4	2,652.37	3/4	2,367.28

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'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "WEB 327"

**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	2,075.95	0	1,790.36	0	1,504.77	0	1,219.18	0	933.59	0	648.20	0	362.85	0	77.48	0			
1/4	2,070.00	1/4	1,784.41	1/4	1,498.82	1/4	1,213.23	1/4	927.64	1/4	642.27	1/4	356.90 <sup>1/4</sup>	1/4	71.56	1/4			
1/2	2,064.05	1/2	1,778.46	1/2	1,492.87	1/2	1,207.28	1/2	921.69	1/2	636.33	1/2	350.95 <sup>1/2</sup>	1/2	65.67	1/2			
3/4	2,058.10	3/4	1,772.51	3/4	1,486.92	3/4	1,201.33	3/4	915.74	3/4	630.40	3/4	345.00 <sup>3/4</sup>	3/4	59.78	3/4			
1	2,052.15	1	1,766.56	1	1,480.97	1	1,195.38	1	909.79	1	624.46	1	339.05	1	53.89	1			
1/4	2,046.20	1/4	1,760.61	1/4	1,475.02	1/4	1,189.43	1/4	903.84	1/4	618.52	1/4	333.10 <sup>1/4</sup>	1/4	48.00	1/4			
1/2	2,040.25	1/2	1,754.66	1/2	1,469.07	1/2	1,183.48	1/2	897.89	1/2	612.59	1/2	327.15 <sup>1/2</sup>	1/2	42.58	1/2			
3/4	2,034.30	3/4	1,748.71	3/4	1,463.12	3/4	1,177.53	3/4	891.94	3/4	606.65	3/4	321.20 <sup>3/4</sup>	3/4	37.17	3/4			
2	2,028.35	2	1,742.76	2	1,457.17	2	1,171.58	2	885.99	2	600.71	2	315.25	2	31.75	2			
1/4	2,022.40	1/4	1,736.81	1/4	1,451.22	1/4	1,165.63	1/4	880.04	1/4	594.78	1/4	309.30 <sup>1/4</sup>	1/4	26.34	1/4			
1/2	2,016.46	1/2	1,730.86	1/2	1,445.27	1/2	1,159.68	1/2	874.09	1/2	588.84	1/2	303.35 <sup>1/2</sup>	1/2	22.37	1/2			
3/4	2,010.51	3/4	1,724.91	3/4	1,439.32	3/4	1,153.73	3/4	868.14	3/4	582.90	3/4	297.40 <sup>3/4</sup>	3/4	18.41	3/4			
3	2,004.56	3	1,718.97	3	1,433.37	3	1,147.78	3	862.19	3	576.97	3	291.45	3	14.44	3			
1/4	1,998.61	1/4	1,713.02	1/4	1,427.42	1/4	1,141.83	1/4	856.24	1/4	571.03	1/4	285.51 <sup>1/4</sup>	1/4	10.48	1/4			
1/2	1,992.66	1/2	1,707.07	1/2	1,421.48	1/2	1,135.88	1/2	850.29	1/2	565.09	1/2	279.56 <sup>1/2</sup>	1/2		1/2			
3/4	1,986.71	3/4	1,701.12	3/4	1,415.53	3/4	1,129.93	3/4	844.34	3/4	559.15	3/4	273.61 <sup>3/4</sup>	3/4		3/4			
4	1,980.76	4	1,695.17	4	1,409.58	4	1,123.99	4	838.39	4	553.21	4	267.66	4	4	4			
1/4	1,974.81	1/4	1,689.22	1/4	1,403.63	1/4	1,118.04	1/4	832.44	1/4	547.27	1/4	261.71 <sup>1/4</sup>	1/4		1/4			
1/2	1,968.86	1/2	1,683.27	1/2	1,397.68	1/2	1,112.09	1/2	826.50	1/2	541.33	1/2	255.76 <sup>1/2</sup>	1/2		1/2			
3/4	1,962.91	3/4	1,677.32	3/4	1,391.73	3/4	1,106.14	3/4	820.55	3/4	535.38	3/4	249.81 <sup>3/4</sup>	3/4		3/4			
5	1,956.96	5	1,671.37	5	1,385.78	5	1,100.19	5	814.60	5	529.44	5	243.86	5		5			
1/4	1,951.01	1/4	1,665.42	1/4	1,379.83	1/4	1,094.24	1/4	808.65	1/4	523.49	1/4	237.91 <sup>1/4</sup>	1/4		1/4			
1/2	1,945.06	1/2	1,659.47	1/2	1,373.88	1/2	1,088.29	1/2	802.70	1/2	517.54	1/2	231.96 <sup>1/2</sup>	1/2		1/2			
3/4	1,939.11	3/4	1,653.52	3/4	1,367.93	3/4	1,082.34	3/4	796.75	3/4	511.59	3/4	226.01 <sup>3/4</sup>	3/4		3/4			
6	1,933.16	6	1,647.57	6	1,361.98	6	1,076.39	6	790.80	6	505.64	6	220.06	6		6			
1/4	1,927.21	1/4	1,641.62	1/4	1,356.03	1/4	1,070.44	1/4	784.85	1/4	499.69	1/4	214.11 <sup>1/4</sup>	1/4		1/4			
1/2	1,921.26	1/2	1,635.67	1/2	1,350.08	1/2	1,064.49	1/2	778.90	1/2	493.74	1/2	208.16 <sup>1/2</sup>	1/2		1/2			
3/4	1,915.31	3/4	1,629.72	3/4	1,344.13	3/4	1,058.54	3/4	772.95	3/4	487.79	3/4	202.21 <sup>3/4</sup>	3/4		3/4			
7	1,909.36	7	1,623.77	7	1,338.18	7	1,052.59	7	767.00	7	481.84	7	196.26	7		7			
1/4	1,903.41	1/4	1,617.82	1/4	1,332.23	1/4	1,046.64	1/4	761.05	1/4	475.89	1/4	190.31 <sup>1/4</sup>	1/4		1/4			
1/2	1,897.46	1/2	1,611.87	1/2	1,326.28	1/2	1,040.69	1/2	755.10	1/2	469.94	1/2	184.36 <sup>1/2</sup>	1/2		1/2			
3/4	1,891.51	3/4	1,605.92	3/4	1,320.33	3/4	1,034.74	3/4	749.15	3/4	463.99	3/4	178.41 <sup>3/4</sup>	3/4		3/4			
8	1,885.56	8	1,599.97	8	1,314.38	8	1,028.79	8	743.21	8	458.04	8	172.46	8		8			
1/4	1,879.61	1/4	1,594.02	1/4	1,308.43	1/4	1,022.84	1/4	737.26	1/4	452.09	1/4	166.51 <sup>1/4</sup>	1/4		1/4			
1/2	1,873.66	1/2	1,588.07	1/2	1,302.48	1/2	1,016.89	1/2	731.32	1/2	446.14	1/2	160.57 <sup>1/2</sup>	1/2		1/2			
3/4	1,867.71	3/4	1,582.12	3/4	1,296.53	3/4	1,010.94	3/4	725.38	3/4	440.19	3/4	154.62 <sup>3/4</sup>	3/4		3/4			
9	1,861.76	9	1,576.17	9	1,290.58	9	1,004.99	9	719.44	9	434.25	9	148.67	9		9			
1/4	1,855.81	1/4	1,570.22	1/4	1,284.63	1/4	999.04	1/4	713.50	1/4	428.30	1/4	142.72 <sup>1/4</sup>	1/4		1/4			
1/2	1,849.86	1/2	1,564.27	1/2	1,278.68	1/2	993.09	1/2	707.57	1/2	422.35	1/2	136.78 <sup>1/2</sup>	1/2		1/2			
3/4	1,843.91	3/4	1,558.32	3/4	1,272.73	3/4	987.14	3/4	701.63	3/4	416.40	3/4	130.84 <sup>3/4</sup>	3/4		3/4			
10	1,837.96	10	1,552.37	10	1,266.78	10	981.19	10	695.70	10	410.45	10	124.90	10		10			
1/4	1,832.01	1/4	1,546.42	1/4	1,260.83	1/4	975.24	1/4	689.76	1/4	404.50	1/4	118.96 <sup>1/4</sup>	1/4		1/4			
1/2	1,826.06	1/2	1,540.47	1/2	1,254.88	1/2	969.29	1/2	683.82	1/2	398.55	1/2	113.02 <sup>1/2</sup>	1/2		1/2			
3/4	1,820.11	3/4	1,534.52	3/4	1,248.93	3/4	963.34	3/4	677.89	3/4	392.60	3/4	107.09 <sup>3/4</sup>	3/4		3/4			
11	1,814.16	11	1,528.57	11	1,242.98	11	957.39	11	671.95	11	386.65	11	101.16	11		11			
1/4	1,808.21	1/4	1,522.62	1/4	1,237.03	1/4	951.44	1/4	666.01	1/4	380.70	1/4	95.23	1/4		1/4			
1/2	1,802.26	1/2	1,516.67	1/2	1,231.08	1/2	945.49	1/2	660.08	1/2	374.75	1/2	89.31	1/2		1/2			
3/4	1,796.31	3/4	1,510.72	3/4	1,225.13	3/4	939.54	3/4	654.14	3/4	368.80	3/4	83.39	3/4		3/4			

STRAPPED: 09/20/2012 CL - SW  
CALCULATED: 09/20/2012 CL  
PRINTED: 09/20/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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# BARGE "WEB 327"

## 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	4,395.49	0	4,088.53	0	3,781.60	0	3,473.82	0	3,164.98	0	2,856.14	0	2,547.30		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,389.09	1/4	4,082.14	1/4	3,775.20	1/4	3,467.39	1/4	3,158.54	1/4	2,849.70	1/4	2,540.86		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,382.69	1/2	4,075.74	1/2	3,768.81	1/2	3,460.95	1/2	3,152.11	1/2	2,843.27	1/2	2,534.43		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,376.29	3/4	4,069.35	3/4	3,762.42	3/4	3,454.52	3/4	3,145.68	3/4	2,836.83	3/4	2,527.99		
1		1		1		1	4,369.89	1	4,062.95	1	3,756.02	1	3,448.08	1	3,139.24	1	2,830.40	1	2,521.56		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,363.49	1/4	4,056.56	1/4	3,749.63	1/4	3,441.65	1/4	3,132.81	1/4	2,823.97	1/4	2,515.12		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,357.10	1/2	4,050.16	1/2	3,743.23	1/2	3,435.21	1/2	3,126.37	1/2	2,817.53	1/2	2,508.69		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,350.70	3/4	4,043.77	3/4	3,736.84	3/4	3,428.78	3/4	3,119.94	3/4	2,811.10	3/4	2,502.26		
2		2		2		2	4,344.31	2	4,037.38	2	3,730.44	2	3,422.35	2	3,113.50	2	2,804.66	2	2,495.82		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,337.91	1/4	4,030.98	1/4	3,724.05	1/4	3,415.91	1/4	3,107.07	1/4	2,798.23	1/4	2,489.39		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,331.52	1/2	4,024.59	1/2	3,717.66	1/2	3,409.48	1/2	3,100.64	1/2	2,791.79	1/2	2,482.95		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,325.12	3/4	4,018.19	3/4	3,711.26	3/4	3,403.04	3/4	3,094.20	3/4	2,785.36	3/4	2,476.52		
3		3		3		3	4,318.73	3	4,011.80	3	3,704.87	3	3,396.61	3	3,087.77	3	2,778.93	3	2,470.08		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,312.33	1/4	4,005.40	1/4	3,698.47	1/4	3,390.18	1/4	3,081.33	1/4	2,772.49	1/4	2,463.65		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,305.94	1/2	3,999.01	1/2	3,692.08	1/2	3,383.74	1/2	3,074.90	1/2	2,766.06	1/2	2,457.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,299.55	3/4	3,992.61	3/4	3,685.68	3/4	3,377.31	3/4	3,068.47	3/4	2,759.62	3/4	2,450.78		
4		4		4		4	4,293.15	4	3,986.22	4	3,679.29	4	3,370.87	4	3,062.03	4	2,753.19	4	2,444.35		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,286.76	1/4	3,979.83	1/4	3,672.89	1/4	3,364.44	1/4	3,055.60	1/4	2,746.76	1/4	2,437.91		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,280.36	1/2	3,973.43	1/2	3,666.50	1/2	3,358.00	1/2	3,049.16	1/2	2,740.32	1/2	2,431.47		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,273.97	3/4	3,967.04	3/4	3,660.11	3/4	3,351.57	3/4	3,042.73	3/4	2,733.89	3/4	2,425.03		
5		5		5		5	4,267.57	5	3,960.64	5	3,653.71	5	3,345.14	5	3,036.29	5	2,727.45	5	2,418.59		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,261.18	1/4	3,954.25	1/4	3,647.32	1/4	3,338.70	1/4	3,029.86	1/4	2,721.02	1/4	2,412.14		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,254.78	1/2	3,947.85	1/2	3,640.92	1/2	3,332.27	1/2	3,023.43	1/2	2,714.58	1/2	2,405.70		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,248.39	3/4	3,941.46	3/4	3,634.53	3/4	3,325.83	3/4	3,016.99	3/4	2,708.15	3/4	2,399.25		
6		6		6		6	4,242.00	6	3,935.06	6	3,628.13	6	3,319.40	6	3,010.56	6	2,701.72	6	2,392.81		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,235.60	1/4	3,928.67	1/4	3,621.74	1/4	3,312.97	1/4	3,004.12	1/4	2,695.28	1/4	2,386.36		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,229.21	1/2	3,922.28	1/2	3,615.32	1/2	3,306.53	1/2	2,997.69	1/2	2,688.85	1/2	2,379.92		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,222.81	3/4	3,915.88	3/4	3,608.90	3/4	3,300.10	3/4	2,991.26	3/4	2,682.41	3/4	2,373.48		
7		7		7		7	4,508.24	7	4,216.42	7	3,909.49	7	3,602.49	7	3,293.66	7	2,984.82	7	2,675.98	7	2,367.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,505.15	1/4	4,210.02	1/4	3,903.09	1/4	3,596.07	1/4	3,287.23	1/4	2,978.39	1/4	2,669.55	1/4	2,360.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,500.77	1/2	4,203.63	1/2	3,896.70	1/2	3,589.64	1/2	3,280.79	1/2	2,971.95	1/2	2,663.11	1/2	2,354.14
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,496.39	3/4	4,197.24	3/4	3,890.30	3/4	3,583.20	3/4	3,274.36	3/4	2,965.52	3/4	2,656.68	3/4	2,347.70
8		8		8		8	4,492.01	8	4,190.84	8	3,883.91	8	3,576.77	8	3,267.93	8	2,959.08	8	2,650.24	8	2,341.25
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,487.63	1/4	4,184.45	1/4	3,877.52	1/4	3,570.33	1/4	3,261.49	1/4	2,952.65	1/4	2,643.81	1/4	2,334.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,482.05	1/2	4,178.05	1/2	3,871.12	1/2	3,563.90	1/2	3,255.06	1/2	2,946.22	1/2	2,637.37	1/2	2,328.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,476.47	3/4	4,171.66	3/4	3,864.73	3/4	3,557.46	3/4	3,248.62	3/4	2,939.78	3/4	2,630.94	3/4	2,321.92
9		9		9		9	4,470.89	9	4,165.26	9	3,858.33	9	3,551.03	9	3,242.19	9	2,933.35	9	2,624.51	9	2,315.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,465.31	1/4	4,158.87	1/4	3,851.94	1/4	3,544.60	1/4	3,235.75	1/4	2,926.91	1/4	2,618.07	1/4	2,309.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,459.05	1/2	4,152.47	1/2	3,845.54	1/2	3,538.16	1/2	3,229.32	1/2	2,920.48	1/2	2,611.64	1/2	2,302.58
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,452.79	3/4	4,146.08	3/4	3,839.15	3/4	3,531.73	3/4	3,222.89	3/4	2,914.04	3/4	2,605.20	3/4	2,296.14
10		10		10		10	4,446.53	10	4,139.69	10	3,832.75	10	3,525.29	10	3,216.45	10	2,907.61	10	2,598.77	10	2,289.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,440.27	1/4	4,133.29	1/4	3,826.36	1/4	3,518.86	1/4	3,210.02	1/4	2,901.18	1/4	2,592.33	1/4	2,283.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,433.88	1/2	4,126.90	1/2	3,819.97	1/2	3,512.43	1/2	3,203.58	1/2	2,894.74	1/2	2,585.90	1/2	2,276.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,427.48	3/4	4,120.50	3/4	3,813.57	3/4	3,505.99	3/4	3,197.15	3/4	2,888.31	3/4	2,579.47	3/4	2,270.36
11		11		11		11	4,421.09	11	4,114.11	11	3,807.18	11	3,499.56	11	3,190.72	11	2,881.87	11	2,573.03	11	2,263.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,414.70	1/4	4,107.71	1/4	3,800.78	1/4	3,493.12	1/4	3,184.28	1/4	2,875.44	1/4	2,566.60	1/4	2,257.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,408.29	1/2	4,101.32	1/2	3,794.39	1/2	3,486.69	1/2	3,177.85	1/2	2,869.01	1/2	2,560.16	1/2	2,251.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,401.89	3/4	4,094.92	3/4	3,787.99	3/4	3,480.25	3/4	3,171.41	3/4	2,862.57	3/4	2,553.73	3/4	2,244.58

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'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77586  
<http://www.pmacorp.net>





# BARGE "WEB 327"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	2,231.69	1/4	1,922.34	1/4	1,612.99	1/4	1,303.64	1/4	994.29	1/4	692.22	1/4	386.55 <sup>1/4</sup>	1/4	77.47	1/4		1/4	
1/2	2,225.24	1/2	1,915.89	1/2	1,606.54	1/2	1,297.19	1/2	987.84	1/2	686.00	1/2	380.10 <sup>1/2</sup>	1/2	71.09	1/2		1/2	
3/4	2,218.80	3/4	1,909.45	3/4	1,600.10	3/4	1,290.75	3/4	981.40	3/4	679.79	3/4	373.66 <sup>3/4</sup>	3/4	64.70	3/4		3/4	
1	2,212.36	1	1,903.00	1	1,593.65	1	1,284.30	1	974.95	1	673.57	1	367.22	1	58.32	1		1	
1/4	2,205.91	1/4	1,896.56	1/4	1,587.21	1/4	1,277.86	1/4	968.51	1/4	667.36	1/4	360.77 <sup>1/4</sup>	1/4	51.94	1/4		1/4	
1/2	2,199.47	1/2	1,890.12	1/2	1,580.76	1/2	1,271.41	1/2	962.06	1/2	661.14	1/2	354.33 <sup>1/2</sup>	1/2	46.08	1/2		1/2	
3/4	2,193.02	3/4	1,883.67	3/4	1,574.32	3/4	1,264.97	3/4	955.62	3/4	654.93	3/4	347.88 <sup>3/4</sup>	3/4	40.21	3/4		3/4	
2	2,186.58	2	1,877.23	2	1,567.88	2	1,258.52	2	949.17	2	648.71	2	341.44	2	34.35	2		2	
1/4	2,180.13	1/4	1,870.78	1/4	1,561.43	1/4	1,252.08	1/4	942.73	1/4	642.50	1/4	334.99 <sup>1/4</sup>	1/4	28.48	1/4		1/4	
1/2	2,173.69	1/2	1,864.34	1/2	1,554.99	1/2	1,245.64	1/2	936.28	1/2	636.28	1/2	328.55 <sup>1/2</sup>	1/2	24.19	1/2		1/2	
3/4	2,167.24	3/4	1,857.89	3/4	1,548.54	3/4	1,239.19	3/4	929.84	3/4	630.07	3/4	322.10 <sup>3/4</sup>	3/4	19.89	3/4		3/4	
3	2,160.80	3	1,851.45	3	1,542.10	3	1,232.75	3	923.40	3	623.85	3	315.66	3	15.60	3		3	
1/4	2,154.35	1/4	1,845.00	1/4	1,535.65	1/4	1,226.30	1/4	916.95	1/4	617.64	1/4	309.21 <sup>1/4</sup>	1/4	11.30	1/4		1/4	
1/2	2,147.91	1/2	1,838.56	1/2	1,529.21	1/2	1,219.86	1/2	910.56	1/2	611.37	1/2	302.77 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	2,141.46	3/4	1,832.11	3/4	1,522.76	3/4	1,213.41	3/4	904.17	3/4	605.09	3/4	296.33 <sup>3/4</sup>	3/4		3/4		3/4	
4	2,135.02	4	1,825.67	4	1,516.32	4	1,206.97	4	897.78	4	598.82	4	289.88	4		4		4	
1/4	2,128.57	1/4	1,819.22	1/4	1,509.87	1/4	1,200.52	1/4	891.40	1/4	592.55	1/4	283.44 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	2,122.13	1/2	1,812.78	1/2	1,503.43	1/2	1,194.08	1/2	885.12	1/2	586.16	1/2	276.99 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	2,115.68	3/4	1,806.33	3/4	1,496.98	3/4	1,187.63	3/4	878.84	3/4	579.77	3/4	270.55 <sup>3/4</sup>	3/4		3/4		3/4	
5	2,109.24	5	1,799.89	5	1,490.54	5	1,181.19	5	872.57	5	573.39	5	264.10	5		5		5	
1/4	2,102.79	1/4	1,793.44	1/4	1,484.09	1/4	1,174.74	1/4	866.29	1/4	567.00	1/4	257.66 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	2,096.35	1/2	1,787.00	1/2	1,477.65	1/2	1,168.30	1/2	860.07	1/2	560.55	1/2	251.21 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	2,089.90	3/4	1,780.55	3/4	1,471.20	3/4	1,161.85	3/4	853.85	3/4	554.11	3/4	244.77 <sup>3/4</sup>	3/4		3/4		3/4	
6	2,083.46	6	1,774.11	6	1,464.76	6	1,155.41	6	847.63	6	547.66	6	238.32	6		6		6	
1/4	2,077.01	1/4	1,767.66	1/4	1,458.31	1/4	1,148.96	1/4	841.42	1/4	541.22	1/4	231.88 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	2,070.57	1/2	1,761.22	1/2	1,451.87	1/2	1,142.52	1/2	835.20	1/2	534.78	1/2	225.43 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	2,064.12	3/4	1,754.77	3/4	1,445.42	3/4	1,136.07	3/4	828.98	3/4	528.33	3/4	218.99 <sup>3/4</sup>	3/4		3/4		3/4	
7	2,057.68	7	1,748.33	7	1,438.98	7	1,129.63	7	822.76	7	521.89	7	212.55	7		7		7	
1/4	2,051.24	1/4	1,741.88	1/4	1,432.53	1/4	1,123.18	1/4	816.54	1/4	515.44	1/4	206.10 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	2,044.79	1/2	1,735.44	1/2	1,426.09	1/2	1,116.74	1/2	810.32	1/2	509.00	1/2	199.66 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	2,038.35	3/4	1,729.00	3/4	1,419.64	3/4	1,110.29	3/4	804.10	3/4	502.55	3/4	193.21 <sup>3/4</sup>	3/4		3/4		3/4	
8	2,031.90	8	1,722.55	8	1,413.20	8	1,103.85	8	797.88	8	496.11	8	186.77	8		8		8	
1/4	2,025.46	1/4	1,716.11	1/4	1,406.76	1/4	1,097.40	1/4	791.66	1/4	489.66	1/4	180.32 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	2,019.01	1/2	1,709.66	1/2	1,400.31	1/2	1,090.96	1/2	785.45	1/2	483.22	1/2	173.88 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	2,012.57	3/4	1,703.22	3/4	1,393.87	3/4	1,084.52	3/4	779.23	3/4	476.77	3/4	167.44 <sup>3/4</sup>	3/4		3/4		3/4	
9	2,006.12	9	1,696.77	9	1,387.42	9	1,078.07	9	773.02	9	470.33	9	161.00	9		9		9	
1/4	1,999.68	1/4	1,690.33	1/4	1,380.98	1/4	1,071.63	1/4	766.80	1/4	463.88	1/4	154.55 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	1,993.23	1/2	1,683.88	1/2	1,374.53	1/2	1,065.18	1/2	760.59	1/2	457.44	1/2	148.12 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	1,986.79	3/4	1,677.44	3/4	1,368.09	3/4	1,058.74	3/4	754.37	3/4	451.00	3/4	141.68 <sup>3/4</sup>	3/4		3/4		3/4	
10	1,980.34	10	1,670.99	10	1,361.64	10	1,052.29	10	748.16	10	444.55	10	135.24	10		10		10	
1/4	1,973.90	1/4	1,664.55	1/4	1,355.20	1/4	1,045.85	1/4	741.94	1/4	438.11	1/4	128.81 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	1,967.45	1/2	1,658.10	1/2	1,348.75	1/2	1,039.40	1/2	735.73	1/2	431.66	1/2	122.38 <sup>1/2</sup>	1/2		1/2		1/2	
3/4	1,961.01	3/4	1,651.66	3/4	1,342.31	3/4	1,032.96	3/4	729.51	3/4	425.22	3/4	115.96 <sup>3/4</sup>	3/4		3/4		3/4	
11	1,954.56	11	1,645.21	11	1,335.86	11	1,026.51	11	723.29	11	418.77	11	109.53	11		11		11	
1/4	1,948.12	1/4	1,638.77	1/4	1,329.42	1/4	1,020.07	1/4	717.08	1/4	412.33	1/4	103.10 <sup>1/4</sup>	1/4		1/4		1/4	
1/2	1,941.67	1/2	1,632.32	1/2	1,322.97	1/2	1,013.62	1/2	710.86	1/2	405.88	1/2	96.69	1/2		1/2		1/2	
3/4	1,935.23	3/4	1,625.88	3/4	1,316.53	3/4	1,007.18	3/4	704.65	3/4	399.44	3/4	90.28	3/4		3/4		3/4	

STRAPPED: 09/20/2012 CL - SW  
CALCULATED: 09/20/2012 CL  
PRINTED: 09/20/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "WEB 327"

**3 STBD**  
**ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,255.11	0	1,945.76	0	1,636.41	0	1,327.06	0	1,017.71	0	708.54	0	399.44	0	90.28	0		0	
1/4	2,248.66	1/4	1,939.31	1/4	1,629.96	1/4	1,320.61	1/4	1,011.26	1/4	702.11	1/4	392.99 <sup>1/4</sup>		83.88	1/4		1/4	
1/2	2,242.22	1/2	1,932.87	1/2	1,623.52	1/2	1,314.17	1/2	1,004.82	1/2	695.68	1/2	386.55 <sup>1/2</sup>		77.47	1/2		1/2	
3/4	2,235.77	3/4	1,926.42	3/4	1,617.07	3/4	1,307.72	3/4	998.37	3/4	689.25	3/4	380.10 <sup>3/4</sup>		71.08	3/4		3/4	
1	2,229.33	1	1,919.98	1	1,610.63	1	1,301.28	1	991.93	1	682.82	1	373.66	1	64.70	1		3/4	
1/4	2,222.88	1/4	1,913.53	1/4	1,604.18	1/4	1,294.83	1/4	985.48	1/4	676.39	1/4	367.22 <sup>1/4</sup>		58.32	1/4		1/4	
1/2	2,216.44	1/2	1,907.09	1/2	1,597.74	1/2	1,288.39	1/2	979.04	1/2	669.95	1/2	360.77 <sup>1/2</sup>		51.94	1/2		1/2	
3/4	2,209.99	3/4	1,900.64	3/4	1,591.29	3/4	1,281.94	3/4	972.59	3/4	663.52	3/4	354.33 <sup>3/4</sup>		46.08	3/4		3/4	
2	2,203.55	2	1,894.20	2	1,584.85	2	1,275.50	2	966.15	2	657.09	2	347.88	2	40.21	2		3/4	
1/4	2,197.10	1/4	1,887.75	1/4	1,578.40	1/4	1,269.05	1/4	959.70	1/4	650.66	1/4	341.44 <sup>1/4</sup>		34.35	1/4		1/4	
1/2	2,190.66	1/2	1,881.31	1/2	1,571.96	1/2	1,262.61	1/2	953.26	1/2	644.23	1/2	334.99 <sup>1/2</sup>		28.48	1/2		1/2	
3/4	2,184.21	3/4	1,874.86	3/4	1,565.51	3/4	1,256.16	3/4	946.81	3/4	637.80	3/4	328.55 <sup>3/4</sup>		24.19	3/4		3/4	
3	2,177.77	3	1,868.42	3	1,559.07	3	1,249.72	3	940.37	3	631.37	3	322.10	3	19.89	3		3/4	
1/4	2,171.32	1/4	1,861.97	1/4	1,552.62	1/4	1,243.27	1/4	933.92	1/4	624.93	1/4	315.66 <sup>1/4</sup>		15.60	1/4		1/4	
1/2	2,164.88	1/2	1,855.53	1/2	1,546.18	1/2	1,236.83	1/2	927.48	1/2	618.50	1/2	309.21 <sup>1/2</sup>		11.30	1/2		1/2	
3/4	2,158.43	3/4	1,849.08	3/4	1,539.73	3/4	1,230.38	3/4	921.03	3/4	612.07	3/4	302.77 <sup>3/4</sup>			3/4		3/4	
4	2,151.99	4	1,842.64	4	1,533.29	4	1,223.94	4	914.59	4	605.63	4	296.32	4		4		3/4	
1/4	2,145.55	1/4	1,836.19	1/4	1,526.84	1/4	1,217.49	1/4	908.14	1/4	599.20	1/4	289.88 <sup>1/4</sup>			1/4		1/4	
1/2	2,139.10	1/2	1,829.75	1/2	1,520.40	1/2	1,211.05	1/2	901.70	1/2	592.76	1/2	283.44 <sup>1/2</sup>			1/2		1/2	
3/4	2,132.66	3/4	1,823.31	3/4	1,513.95	3/4	1,204.60	3/4	895.25	3/4	586.32	3/4	276.99 <sup>3/4</sup>			3/4		3/4	
5	2,126.21	5	1,816.86	5	1,507.51	5	1,198.16	5	888.81	5	579.88	5	270.55	5		5		3/4	
1/4	2,119.77	1/4	1,810.42	1/4	1,501.07	1/4	1,191.71	1/4	882.36	1/4	573.44	1/4	264.10 <sup>1/4</sup>			1/4		1/4	
1/2	2,113.32	1/2	1,803.97	1/2	1,494.62	1/2	1,185.27	1/2	875.92	1/2	567.00	1/2	257.66 <sup>1/2</sup>			1/2		1/2	
3/4	2,106.88	3/4	1,797.53	3/4	1,488.18	3/4	1,178.83	3/4	869.47	3/4	560.55	3/4	251.21 <sup>3/4</sup>			3/4		3/4	
6	2,100.43	6	1,791.08	6	1,481.73	6	1,172.38	6	863.03	6	554.11	6	244.77	6		6		3/4	
1/4	2,093.99	1/4	1,784.64	1/4	1,475.29	1/4	1,165.94	1/4	856.59	1/4	547.66	1/4	238.32 <sup>1/4</sup>			1/4		1/4	
1/2	2,087.54	1/2	1,778.19	1/2	1,468.84	1/2	1,159.49	1/2	850.14	1/2	541.22	1/2	231.88 <sup>1/2</sup>			1/2		1/2	
3/4	2,081.10	3/4	1,771.75	3/4	1,462.40	3/4	1,153.05	3/4	843.70	3/4	534.77	3/4	225.43 <sup>3/4</sup>			3/4		3/4	
7	2,074.65	7	1,765.30	7	1,456.95	7	1,146.60	7	837.25	7	528.33	7	218.99	7		7		3/4	
1/4	2,068.21	1/4	1,758.86	1/4	1,449.51	1/4	1,140.16	1/4	830.81	1/4	521.89	1/4	212.54 <sup>1/4</sup>			1/4		1/4	
1/2	2,061.76	1/2	1,752.41	1/2	1,443.06	1/2	1,133.71	1/2	824.36	1/2	515.44	1/2	206.10 <sup>1/2</sup>			1/2		1/2	
3/4	2,055.32	3/4	1,745.97	3/4	1,436.62	3/4	1,127.27	3/4	817.92	3/4	509.00	3/4	199.66 <sup>3/4</sup>			3/4		3/4	
8	2,048.87	8	1,739.52	8	1,430.17	8	1,120.82	8	811.48	8	502.55	8	193.21	8		8		3/4	
1/4	2,042.43	1/4	1,733.08	1/4	1,423.73	1/4	1,114.38	1/4	805.04	1/4	496.11	1/4	186.77 <sup>1/4</sup>			1/4		1/4	
1/2	2,035.98	1/2	1,726.63	1/2	1,417.28	1/2	1,107.93	1/2	798.60	1/2	489.66	1/2	180.32 <sup>1/2</sup>			1/2		1/2	
3/4	2,029.54	3/4	1,720.19	3/4	1,410.84	3/4	1,101.49	3/4	792.16	3/4	483.22	3/4	173.88 <sup>3/4</sup>			3/4		3/4	
9	2,023.09	9	1,713.74	9	1,404.39	9	1,095.04	9	785.73	9	476.77	9	167.44	9		9		3/4	
1/4	2,016.65	1/4	1,707.30	1/4	1,397.95	1/4	1,088.60	1/4	779.29	1/4	470.33	1/4	161.00 <sup>1/4</sup>			1/4		1/4	
1/2	2,010.20	1/2	1,700.85	1/2	1,391.50	1/2	1,082.15	1/2	772.86	1/2	463.88	1/2	154.55 <sup>1/2</sup>			1/2		1/2	
3/4	2,003.76	3/4	1,694.41	3/4	1,385.06	3/4	1,075.71	3/4	766.43	3/4	457.44	3/4	148.12 <sup>3/4</sup>			3/4		3/4	
10	1,997.31	10	1,687.96	10	1,378.61	10	1,069.26	10	759.99	10	451.00	10	141.68	10		10		3/4	
1/4	1,990.87	1/4	1,681.52	1/4	1,372.17	1/4	1,062.82	1/4	753.56	1/4	444.55	1/4	135.24 <sup>1/4</sup>			1/4		1/4	
1/2	1,984.43	1/2	1,675.07	1/2	1,365.72	1/2	1,056.37	1/2	747.13	1/2	438.11	1/2	128.81 <sup>1/2</sup>			1/2		1/2	
3/4	1,977.98	3/4	1,668.63	3/4	1,359.28	3/4	1,049.93	3/4	740.70	3/4	431.66	3/4	122.38 <sup>3/4</sup>			3/4		3/4	
11	1,971.54	11	1,662.19	11	1,352.83	11	1,043.48	11	734.27	11	425.22	11	115.96	11		11		3/4	
1/4	1,965.09	1/4	1,655.74	1/4	1,346.39	1/4	1,037.04	1/4	727.84	1/4	418.77	1/4	109.53 <sup>1/4</sup>			1/4		1/4	
1/2	1,958.65	1/2	1,649.30	1/2	1,339.95	1/2	1,030.59	1/2	721.41	1/2	412.33	1/2	103.10 <sup>1/2</sup>			1/2		1/2	
3/4	1,952.20	3/4	1,642.85	3/4	1,333.50	3/4	1,024.15	3/4	714.97	3/4	405.88	3/4	96.69	3/4		3/4		3/4	

STRAPPED: 09/20/2012 CL - SW  
CALCULATED: 09/20/2012 CL  
PRINTED: 09/20/2012 CL

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# BARGE "WEB 327"

## 4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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		6,363.76	0		6,026.84	0		5,689.90	0		5,352.96	0		4,982.27	0		4,504.19	0		4,026.01	
1/4		1/4			1/4			1/4		1/4	6,356.75			1/4	6,019.82		1/4	5,682.88		1/4	5,345.94		1/4	4,972.36		1/4	4,494.23		1/4	4,016.05
1/2		1/2			1/2			1/2		1/2	6,349.74			1/2	6,012.80		1/2	5,675.86		1/2	5,338.92		1/2	4,962.45		1/2	4,484.27		1/2	4,006.09
3/4		3/4			3/4			3/4		3/4	6,342.72			3/4	6,005.78		3/4	5,668.84		3/4	5,331.90		3/4	4,952.49		3/4	4,474.30		3/4	3,996.13
1		1			1			1		1	6,335.70			1	5,998.76		1	5,661.82		1	5,324.88		1	4,942.53		1	4,464.34		1	3,986.17
1/4		1/4			1/4			1/4		1/4	6,328.68			1/4	5,991.74		1/4	5,654.80		1/4	5,317.86		1/4	4,932.58		1/4	4,454.38		1/4	3,976.21
1/2		1/2			1/2			1/2		1/2	6,321.66			1/2	5,984.72		1/2	5,647.78		1/2	5,310.84		1/2	4,922.62		1/2	4,444.41		1/2	3,966.25
3/4		3/4			3/4			3/4		3/4	6,314.64			3/4	5,977.70		3/4	5,640.76		3/4	5,303.82		3/4	4,912.66		3/4	4,434.45		3/4	3,956.29
2		2			2			2		2	6,307.62			2	5,970.68		2	5,633.74		2	5,296.80		2	4,902.70		2	4,424.49		2	3,946.33
1/4		1/4			1/4			1/4		1/4	6,300.60			1/4	5,963.66		1/4	5,626.73		1/4	5,289.78		1/4	4,892.74		1/4	4,414.53		1/4	3,936.37
1/2		1/2			1/2			1/2		1/2	6,293.58			1/2	5,956.64		1/2	5,619.71		1/2	5,282.76		1/2	4,882.78		1/2	4,404.56		1/2	3,926.41
3/4		3/4			3/4			3/4		3/4	6,286.56			3/4	5,949.62		3/4	5,612.69		3/4	5,275.74		3/4	4,872.82		3/4	4,394.60		3/4	3,916.45
3		3			3			3		3	6,279.54			3	5,942.60		3	5,605.67		3	5,268.72		3	4,862.86		3	4,384.64		3	3,906.50
1/4		1/4			1/4			1/4		1/4	6,272.52			1/4	5,935.58		1/4	5,598.65		1/4	5,261.70		1/4	4,852.90		1/4	4,374.67		1/4	3,896.54
1/2		1/2			1/2			1/2		1/2	6,265.50			1/2	5,928.56		1/2	5,591.63		1/2	5,254.68		1/2	4,842.93		1/2	4,364.71		1/2	3,886.58
3/4		3/4			3/4			3/4		3/4	6,258.48			3/4	5,921.54		3/4	5,584.61		3/4	5,247.66		3/4	4,832.97		3/4	4,354.75		3/4	3,876.62
4		4			4			4		4	6,251.46			4	5,914.52		4	5,577.59		4	5,240.64		4	4,823.01		4	4,344.78		4	3,866.66
1/4		1/4			1/4			1/4		1/4	6,244.44			1/4	5,907.51		1/4	5,570.57		1/4	5,233.62		1/4	4,813.05		1/4	4,334.82		1/4	3,856.70
1/2		1/2			1/2			1/2		1/2	6,237.42			1/2	5,900.49		1/2	5,563.55		1/2	5,226.60		1/2	4,803.08		1/2	4,324.86		1/2	3,846.74
3/4		3/4			3/4			3/4		3/4	6,230.40			3/4	5,893.47		3/4	5,556.53		3/4	5,219.58		3/4	4,793.12		3/4	4,314.90		3/4	3,836.78
5		5			5			5		5	6,223.38			5	5,886.45		5	5,549.51		5	5,212.56		5	4,783.16		5	4,304.93		5	3,826.82
1/4		1/4			1/4			1/4		1/4	6,216.36			1/4	5,879.43		1/4	5,542.49		1/4	5,205.54		1/4	4,773.19		1/4	4,294.97		1/4	3,816.86
1/2		1/2			1/2			1/2		1/2	6,209.34			1/2	5,872.41		1/2	5,535.47		1/2	5,198.52		1/2	4,763.23		1/2	4,285.01		1/2	3,806.90
3/4		3/4			3/4			3/4		3/4	6,202.32			3/4	5,865.39		3/4	5,528.45		3/4	5,191.50		3/4	4,753.27		3/4	4,275.04		3/4	3,796.94
6		6			6		6,471.34	6		6	6,195.30		6	5,858.37		6	5,521.43		6	5,184.48		6	4,743.30		6	4,265.08		6	3,786.98	
1/4		1/4			1/4		6,470.64	1/4		1/4	6,188.29		1/4	5,851.35		1/4	5,514.41		1/4	5,177.46		1/4	4,733.34		1/4	4,255.12		1/4	3,777.01	
1/2		1/2			1/2		6,469.94	1/2		1/2	6,181.27		1/2	5,844.33		1/2	5,507.39		1/2	5,170.44		1/2	4,723.38		1/2	4,245.15		1/2	3,767.05	
3/4		3/4			3/4		6,468.01	3/4		3/4	6,174.25		3/4	5,837.31		3/4	5,500.37		3/4	5,163.17		3/4	4,713.42		3/4	4,235.19		3/4	3,757.08	
7		7			7		6,466.08	7		7	6,167.23		7	5,830.29		7	5,493.35		7	5,155.91		7	4,703.45		7	4,225.23		7	3,747.12	
1/4		1/4			1/4		6,464.15	1/4		1/4	6,160.21		1/4	5,823.27		1/4	5,486.34		1/4	5,148.65		1/4	4,693.49		1/4	4,215.27		1/4	3,737.16	
1/2		1/2			1/2		6,462.22	1/2		1/2	6,153.19		1/2	5,816.25		1/2	5,479.32		1/2	5,141.38		1/2	4,683.53		1/2	4,205.30		1/2	3,727.19	
3/4		3/4			3/4		6,458.89	3/4		3/4	6,146.17		3/4	5,809.23		3/4	5,472.30		3/4	5,133.56		3/4	4,673.56		3/4	4,195.34		3/4	3,717.23	
8		8			8		6,455.56	8		8	6,139.15		8	5,802.21		8	5,465.28		8	5,125.75		8	4,663.60		8	4,185.38		8	3,707.26	
1/4		1/4			1/4		6,452.22	1/4		1/4	6,132.13		1/4	5,795.19		1/4	5,458.25		1/4	5,117.93		1/4	4,653.64		1/4	4,175.41		1/4	3,697.30	
1/2		1/2			1/2		6,448.89	1/2		1/2	6,125.11		1/2	5,788.17		1/2	5,451.23		1/2	5,110.11		1/2	4,643.67		1/2	4,165.45		1/2	3,687.33	
3/4		3/4			3/4		6,444.15	3/4		3/4	6,118.09		3/4	5,781.15		3/4	5,444.21		3/4	5,101.70		3/4	4,633.71		3/4	4,155.49		3/4	3,677.37	
9		9			9		6,439.42	9		9	6,111.07		9	5,774.13		9	5,437.19		9	5,093.29		9	4,623.75		9	4,145.52		9	3,667.41	
1/4		1/4			1/4		6,434.68	1/4		1/4	6,104.05		1/4	5,767.12		1/4	5,430.17		1/4	5,084.88		1/4	4,613.79		1/4	4,135.56		1/4	3,657.44	
1/2		1/2			1/2		6,429.94	1/2		1/2	6,097.03		1/2	5,760.10		1/2	5,423.15		1/2	5,076.47		1/2	4,603.82		1/2	4,125.60		1/2	3,647.48	
3/4		3/4			3/4		6,423.80	3/4		3/4	6,090.01		3/4	5,753.08		3/4	5,416.14		3/4	5,067.47		3/4	4,593.86		3/4	4,115.64		3/4	3,637.51	
10		10			10		6,417.66	10		10	6,082.99		10	5,746.06		10	5,409.12		10	5,058.47		10	4,583.90		10	4,105.68		10	3,627.55	
1/4		1/4			1/4		6,411.52	1/4		1/4	6,075.97		1/4	5,739.04		1/4	5,402.10		1/4	5,049.47		1/4	4,573.93		1/4	4,095.72		1/4	3,617.58	
1/2		1/2			1/2		6,405.38	1/2		1/2	6,068.95		1/2	5,732.02		1/2	5,395.08		1/2	5,040.47		1/2	4,563.97		1/2	4,085.76		1/2	3,607.62	
3/4		3/4			3/4		6,398.48	3/4		3/4	6,061.93		3/4	5,725.00		3/4	5,388.06		3/4	5,030.88		3/4	4,554.01		3/4	4,075.80		3/4	3,597.66	
11		11			11		6,391.57	11		11	6,054.91		11	5,717.98		11	5,381.04		11	5,021.29		11	4,544.04		11	4,065.84		11	3,587.69	
1/4		1/4			1/4		6,384.67	1/4		1/4	6,047.90		1/4	5,710.96		1/4	5,374.02		1/4	5,011.69		1/4	4,534.08		1/4	4,055.88		1/4	3,577.73	
1/2		1/2			1/2		6,377.77	1/2		1/2	6,040.88		1/2	5,703.94		1/2	5,367.00		1/2	5,002.10		1/2	4,524.12		1/2	4,045.92		1/2	3,567.76	
3/4		3/4			3/4		6,370.76	3/4		3/4	6,033.86		3/4	5,696.92		3/4	5,359.98		3/4	4,992.19		3/4	4,514.16		3/4	4,035.97		3/4	3,557.80	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 1'-00" OFF CENTERLINE AND 30'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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





# BARGE "WEB 327"

## 4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	3,547.83	0	3,069.53	0	2,591.90	0	2,114.51	0	1,636.36	0	1,159.87	0	682.99	0	204.11	0			
1/4	3,537.87	1/4	3,059.57	1/4	2,581.97	1/4	2,104.55	1/4	1,626.40	1/4	1,149.98	1/4	673.01 <sup>1/4</sup>		194.15	1/4			
1/2	3,527.90	1/2	3,049.60	1/2	2,572.04	1/2	2,094.58	1/2	1,616.44	1/2	1,140.09	1/2	663.03 <sup>1/2</sup>		184.19	1/2			
3/4	3,517.94	3/4	3,039.64	3/4	2,562.10	3/4	2,084.62	3/4	1,606.48	3/4	1,130.20	3/4	653.06 <sup>3/4</sup>		174.24	3/4			
1	3,507.97	1	3,029.67	1	2,552.17	1	2,074.66	1	1,596.52	1	1,120.32	1	643.08	1	164.30	1			
1/4	3,498.01	1/4	3,019.71	1/4	2,542.24	1/4	2,064.70	1/4	1,586.56	1/4	1,110.43	1/4	633.10 <sup>1/4</sup>		154.36	1/4			
1/2	3,488.04	1/2	3,009.74	1/2	2,532.30	1/2	2,054.74	1/2	1,576.60	1/2	1,100.54	1/2	623.12 <sup>1/2</sup>		144.42	1/2			
3/4	3,478.08	3/4	2,999.78	3/4	2,522.37	3/4	2,044.78	3/4	1,566.64	3/4	1,090.66	3/4	613.14 <sup>3/4</sup>		134.51	3/4			
2	3,468.12	2	2,989.81	2	2,512.44	2	2,034.82	2	1,556.67	2	1,080.77	2	603.16	2	124.59	2			
1/4	3,458.15	1/4	2,979.85	1/4	2,502.50	1/4	2,024.86	1/4	1,546.71	1/4	1,070.88	1/4	593.19 <sup>1/4</sup>		114.68	1/4			
1/2	3,448.19	1/2	2,969.89	1/2	2,492.57	1/2	2,014.89	1/2	1,536.75	1/2	1,060.99	1/2	583.21 <sup>1/2</sup>		104.77	1/2			
3/4	3,438.22	3/4	2,959.92	3/4	2,482.64	3/4	2,004.93	3/4	1,526.79	3/4	1,051.11	3/4	573.23 <sup>3/4</sup>		94.91	3/4			
3	3,428.26	3	2,949.96	3	2,472.70	3	1,994.97	3	1,516.83	3	1,041.22	3	563.25	3	85.05	3			
1/4	3,418.29	1/4	2,939.99	1/4	2,462.77	1/4	1,985.01	1/4	1,506.87	1/4	1,031.33	1/4	553.27 <sup>1/4</sup>		75.19	1/4			
1/2	3,408.33	1/2	2,930.03	1/2	2,452.84	1/2	1,975.05	1/2	1,496.91	1/2	1,021.45	1/2	543.30 <sup>1/2</sup>		65.34	1/2			
3/4	3,398.36	3/4	2,920.06	3/4	2,442.90	3/4	1,965.09	3/4	1,486.94	3/4	1,011.56	3/4	533.32 <sup>3/4</sup>		56.83	3/4			
4	3,388.40	4	2,910.10	4	2,432.97	4	1,955.13	4	1,476.98	4	1,001.67	4	523.34	4	48.33	4			
1/4	3,378.43	1/4	2,900.13	1/4	2,423.04	1/4	1,945.16	1/4	1,467.02	1/4	991.78	1/4	513.36 <sup>1/4</sup>		39.83	1/4			
1/2	3,368.47	1/2	2,890.17	1/2	2,413.10	1/2	1,935.20	1/2	1,457.06	1/2	981.90	1/2	503.38 <sup>1/2</sup>		31.33	1/2			
3/4	3,358.50	3/4	2,880.20	3/4	2,403.17	3/4	1,925.24	3/4	1,447.10	3/4	971.96	3/4	493.41 <sup>3/4</sup>		25.92	3/4			
5	3,348.54	5	2,870.24	5	2,393.24	5	1,915.28	5	1,437.14	5	962.03	5	483.43	5	20.52	5			
1/4	3,338.58	1/4	2,860.27	1/4	2,383.31	1/4	1,905.32	1/4	1,427.18	1/4	952.10	1/4	473.45 <sup>1/4</sup>		15.11	1/4			
1/2	3,328.61	1/2	2,850.31	1/2	2,373.37	1/2	1,895.36	1/2	1,417.22	1/2	942.16	1/2	463.48 <sup>1/2</sup>		9.71	1/2			
3/4	3,318.65	3/4	2,840.35	3/4	2,363.44	3/4	1,885.40	3/4	1,407.26	3/4	932.21	3/4	453.50 <sup>3/4</sup>		7.63	3/4			
6	3,308.68	6	2,830.38	6	2,353.51	6	1,875.44	6	1,397.31	6	922.26	6	443.52	6	5.55	6			
1/4	3,298.72	1/4	2,820.42	1/4	2,343.57	1/4	1,865.47	1/4	1,387.36	1/4	912.31	1/4	433.55 <sup>1/4</sup>		3.47	1/4			
1/2	3,288.75	1/2	2,810.45	1/2	2,333.64	1/2	1,855.51	1/2	1,377.41	1/2	902.36	1/2	423.57 <sup>1/2</sup>		1.39	1/2			
3/4	3,278.79	3/4	2,800.51	3/4	2,323.68	3/4	1,845.55	3/4	1,367.52	3/4	892.39	3/4	413.59 <sup>3/4</sup>			3/4			
7	3,268.82	7	2,790.58	7	2,313.72	7	1,835.59	7	1,357.62	7	882.43	7	403.61	7		7			
1/4	3,258.86	1/4	2,780.64	1/4	2,303.77	1/4	1,825.63	1/4	1,347.73	1/4	872.46	1/4	393.64 <sup>1/4</sup>			1/4			
1/2	3,248.89	1/2	2,770.70	1/2	2,293.81	1/2	1,815.67	1/2	1,337.83	1/2	862.50	1/2	383.66 <sup>1/2</sup>			1/2			
3/4	3,238.93	3/4	2,760.77	3/4	2,283.85	3/4	1,805.71	3/4	1,327.95	3/4	852.53	3/4	373.68 <sup>3/4</sup>			3/4			
8	3,228.96	8	2,750.84	8	2,273.89	8	1,795.75	8	1,318.06	8	842.57	8	363.70	8		8			
1/4	3,219.00	1/4	2,740.90	1/4	2,263.93	1/4	1,785.78	1/4	1,308.17	1/4	832.60	1/4	353.72 <sup>1/4</sup>			1/4			
1/2	3,209.04	1/2	2,730.97	1/2	2,253.96	1/2	1,775.82	1/2	1,298.28	1/2	822.63	1/2	343.74 <sup>1/2</sup>			1/2			
3/4	3,199.07	3/4	2,721.04	3/4	2,244.00	3/4	1,765.86	3/4	1,288.40	3/4	812.67	3/4	333.77 <sup>3/4</sup>			3/4			
9	3,189.11	9	2,711.10	9	2,234.04	9	1,755.90	9	1,278.51	9	802.70	9	323.79	9		9			
1/4	3,179.14	1/4	2,701.17	1/4	2,224.08	1/4	1,745.94	1/4	1,268.62	1/4	792.73	1/4	313.81 <sup>1/4</sup>			1/4			
1/2	3,169.18	1/2	2,691.24	1/2	2,214.12	1/2	1,735.98	1/2	1,258.74	1/2	782.77	1/2	303.83 <sup>1/2</sup>			1/2			
3/4	3,159.21	3/4	2,681.30	3/4	2,204.16	3/4	1,726.02	3/4	1,248.85	3/4	772.79	3/4	293.85 <sup>3/4</sup>			3/4			
10	3,149.25	10	2,671.37	10	2,194.20	10	1,716.05	10	1,238.96	10	762.81	10	283.88	10		10			
1/4	3,139.28	1/4	2,661.44	1/4	2,184.24	1/4	1,706.09	1/4	1,229.07	1/4	752.84	1/4	273.90 <sup>1/4</sup>			1/4			
1/2	3,129.32	1/2	2,651.50	1/2	2,174.27	1/2	1,696.13	1/2	1,219.19	1/2	742.86	1/2	263.92 <sup>1/2</sup>			1/2			
3/4	3,119.35	3/4	2,641.57	3/4	2,164.31	3/4	1,686.17	3/4	1,209.30	3/4	732.88	3/4	253.95 <sup>3/4</sup>			3/4			
11	3,109.39	11	2,631.64	11	2,154.35	11	1,676.21	11	1,199.41	11	722.90	11	243.98	11		11			
1/4	3,099.43	1/4	2,621.70	1/4	2,144.39	1/4	1,666.25	1/4	1,189.53	1/4	712.93	1/4	234.00 <sup>1/4</sup>			1/4			
1/2	3,089.46	1/2	2,611.77	1/2	2,134.43	1/2	1,656.29	1/2	1,179.64	1/2	702.95	1/2	224.03 <sup>1/2</sup>			1/2			
3/4	3,079.50	3/4	2,601.84	3/4	2,124.47	3/4	1,646.33	3/4	1,169.75	3/4	692.97	3/4	214.07 <sup>3/4</sup>			3/4			

STRAPPED: 09/20/2012 CL - SW  
CALCULATED: 09/20/2012 CL  
PRINTED: 09/20/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "WEB 327"

## PORT SLOP TANK

### INNAGE TABLE GAUGE HEIGHT 3'-11 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS

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	711	0	1,422	0	2,134	0		0		0		0		0		0	
1/4	15	1/4	726	1/4	1,437	1/4	2,148	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	30	1/2	741	1/2	1,452	1/2	2,163	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	756	3/4	1,467	3/4	2,178	3/4		3/4		3/4		3/4		3/4		3/4	
1	59	1	771	1	1,482	1	2,193	1		1		1		1		1		1	
1/4	74	1/4	785	1/4	1,497	1/4	2,208	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	89	1/2	800	1/2	1,511	1/2	2,223	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	104	3/4	815	3/4	1,526	3/4	2,237	3/4		3/4		3/4		3/4		3/4		3/4	
2	119	2	830	2	1,541	2	2,252	2		2		2		2		2		2	
1/4	133	1/4	845	1/4	1,556	1/4	2,267	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	148	1/2	859	1/2	1,571	1/2	2,282	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163	3/4	874	3/4	1,585	3/4	2,297	3/4		3/4		3/4		3/4		3/4		3/4	
3	178	3	889	3	1,600	3	2,311	3		3		3		3		3		3	
1/4	193	1/4	904	1/4	1,615	1/4	2,326	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	207	1/2	919	1/2	1,630	1/2	2,341	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	222	3/4	934	3/4	1,645	3/4	2,356	3/4		3/4		3/4		3/4		3/4		3/4	
4	237	4	948	4	1,660	4	2,371	4		4		4		4		4		4	
1/4	252	1/4	963	1/4	1,674	1/4	2,386	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	267	1/2	978	1/2	1,689	1/2	2,400	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	282	3/4	993	3/4	1,704	3/4	2,415	3/4		3/4		3/4		3/4		3/4		3/4	
5	296	5	1,008	5	1,719	5	2,430	5		5		5		5		5		5	
1/4	311	1/4	1,022	1/4	1,734	1/4	2,445	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	326	1/2	1,037	1/2	1,748	1/2	2,460	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	341	3/4	1,052	3/4	1,763	3/4	2,474	3/4		3/4		3/4		3/4		3/4		3/4	
6	356	6	1,067	6	1,778	6	2,489	6		6		6		6		6		6	
1/4	371	1/4	1,082	1/4	1,793	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	385	1/2	1,097	1/2	1,808	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	400	3/4	1,111	3/4	1,823	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	415	7	1,126	7	1,837	7		7		7		7		7		7		7	
1/4	430	1/4	1,141	1/4	1,852	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	445	1/2	1,156	1/2	1,867	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	459	3/4	1,171	3/4	1,882	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	474	8	1,185	8	1,897	8		8		8		8		8		8		8	
1/4	489	1/4	1,200	1/4	1,911	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	504	1/2	1,215	1/2	1,926	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	519	3/4	1,230	3/4	1,941	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	534	9	1,245	9	1,956	9		9		9		9		9		9		9	
1/4	548	1/4	1,260	1/4	1,971	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	563	1/2	1,274	1/2	1,985	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	578	3/4	1,289	3/4	2,000	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	593	10	1,304	10	2,015	10		10		10		10		10		10		10	
1/4	608	1/4	1,319	1/4	2,030	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	622	1/2	1,334	1/2	2,045	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	637	3/4	1,348	3/4	2,060	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	652	11	1,363	11	2,074	11		11		11		11		11		11		11	
1/4	667	1/4	1,378	1/4	2,089	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	682	1/2	1,393	1/2	2,104	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	697	3/4	1,408	3/4	2,119	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK  
GAUGE POINT: TOP LIP OPPOSITE HINGE OF MANWAY.

STRAPPED: 09/20/2012 CL - SW  
CALCULATED: 09/20/2012 CL  
PRINTED: 09/20/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2012

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# BARGE "WEB 327"

STBD  
SLOP TANK

INNAGE TABLE  
GAUGE HEIGHT 3'-11 1/4"

CAPACITIES GIVEN IN WHOLE GALLONS

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	711	0	1,422	0	2,134	0		0		0		0		0		0	
1/4	15	1/4	726	1/4	1,437	1/4	2,148	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	30	1/2	741	1/2	1,452	1/2	2,163	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	44	3/4	756	3/4	1,467	3/4	2,178	3/4		3/4		3/4		3/4		3/4		3/4	
1	59	1	771	1	1,482	1	2,193	1		1		1		1		1		1	
1/4	74	1/4	785	1/4	1,497	1/4	2,208	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	89	1/2	800	1/2	1,511	1/2	2,223	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	104	3/4	815	3/4	1,526	3/4	2,237	3/4		3/4		3/4		3/4		3/4		3/4	
2	119	2	830	2	1,541	2	2,252	2		2		2		2		2		2	
1/4	133	1/4	845	1/4	1,556	1/4	2,267	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	148	1/2	859	1/2	1,571	1/2	2,282	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	163	3/4	874	3/4	1,585	3/4	2,297	3/4		3/4		3/4		3/4		3/4		3/4	
3	178	3	889	3	1,600	3	2,311	3		3		3		3		3		3	
1/4	193	1/4	904	1/4	1,615	1/4	2,326	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	207	1/2	919	1/2	1,630	1/2	2,341	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	222	3/4	934	3/4	1,645	3/4	2,356	3/4		3/4		3/4		3/4		3/4		3/4	
4	237	4	948	4	1,660	4	2,371	4		4		4		4		4		4	
1/4	252	1/4	963	1/4	1,674	1/4	2,386	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	267	1/2	978	1/2	1,689	1/2	2,400	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	282	3/4	993	3/4	1,704	3/4	2,415	3/4		3/4		3/4		3/4		3/4		3/4	
5	296	5	1,008	5	1,719	5	2,430	5		5		5		5		5		5	
1/4	311	1/4	1,022	1/4	1,734	1/4	2,445	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	326	1/2	1,037	1/2	1,748	1/2	2,460	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	341	3/4	1,052	3/4	1,763	3/4	2,474	3/4		3/4		3/4		3/4		3/4		3/4	
6	356	6	1,067	6	1,778	6	2,489	6		6		6		6		6		6	
1/4	371	1/4	1,082	1/4	1,793	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	385	1/2	1,097	1/2	1,808	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	400	3/4	1,111	3/4	1,823	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	415	7	1,126	7	1,837	7		7		7		7		7		7		7	
1/4	430	1/4	1,141	1/4	1,852	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	445	1/2	1,156	1/2	1,867	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	459	3/4	1,171	3/4	1,882	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	474	8	1,185	8	1,897	8		8		8		8		8		8		8	
1/4	489	1/4	1,200	1/4	1,911	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	504	1/2	1,215	1/2	1,926	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	519	3/4	1,230	3/4	1,941	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	534	9	1,245	9	1,956	9		9		9		9		9		9		9	
1/4	548	1/4	1,260	1/4	1,971	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	563	1/2	1,274	1/2	1,985	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	578	3/4	1,289	3/4	2,000	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	593	10	1,304	10	2,015	10		10		10		10		10		10		10	
1/4	608	1/4	1,319	1/4	2,030	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	622	1/2	1,334	1/2	2,045	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	637	3/4	1,348	3/4	2,060	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	652	11	1,363	11	2,074	11		11		11		11		11		11		11	
1/4	667	1/4	1,378	1/4	2,089	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	682	1/2	1,393	1/2	2,104	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	697	3/4	1,408	3/4	2,119	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK  
GAUGE POINT: TOP LIP OPPOSITE HINGE OF MANWAY.

STRAPPED: 09/20/2012 CL - SW  
CALCULATED: 09/20/2012 CL  
PRINTED: 09/20/2012 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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P.O. Box 2092  
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<http://www.pmacorp.net>