



# BARGE "WEB 347"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
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	00-1/8	-00-1/8	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	-01-1/8	01-1/8	-01-3/8	01-3/8
2 STBD	-00-1/4	00-1/4	-00-1/2	00-1/2	-00-3/4	00-3/4	-01-0/8	01-0/8	-01-1/8	01-1/8	-01-3/8	01-3/8
3 PORT	-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	-00-1/2	00-1/2
3 STBD	-00-1/8	00-1/8	-00-1/8	00-1/8	-00-1/4	00-1/4	-00-1/4	00-1/4	-00-3/8	00-3/8	-00-1/2	00-1/2
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"

April 4, 2014

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

<http://www.pmacorp.net>



# BARGE "WEB 347"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

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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



# BARGE "WEB 347"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

IN	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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	3,557.70	0	3,062.08	0	2,566.46	0	2,070.82	0	1,575.19	0	1,080.02	0	585.71	0	149.87	0				
1/4	3,547.38	1/4	3,051.75	1/4	2,556.12	1/4	2,060.49	1/4	1,564.86	1/4	1,069.71	1/4	575.62	1/4	141.82	1/4				
1/2	3,537.05	1/2	3,041.42	1/2	2,545.80	1/2	2,050.17	1/2	1,554.54	1/2	1,059.41	1/2	565.53	1/2	135.77	1/2				
3/4	3,526.73	3/4	3,031.10	3/4	2,535.47	3/4	2,039.84	3/4	1,544.21	3/4	1,049.10	3/4	555.60	3/4	125.91	3/4				
1	3,516.40	1	3,020.77	1	2,525.14	1	2,029.52	1	1,533.89	1	1,038.80	1	545.68	1	118.04	1				
1 1/4	3,506.08	1 1/4	3,010.45	1 1/4	2,514.82	1 1/4	2,019.19	1 1/4	1,523.56	1 1/4	1,028.49	1 1/4	535.75	1 1/4	110.18	1 1/4				
1 1/2	3,495.75	1 1/2	3,000.12	1 1/2	2,504.49	1 1/2	2,008.86	1 1/2	1,513.24	1 1/2	1,018.19	1 1/2	525.83	1 1/2	102.32	1 1/2				
3/4	3,485.43	3/4	2,989.80	3/4	2,494.17	3/4	1,998.54	3/4	1,502.91	3/4	1,007.89	3/4	516.07	3/4	94.66	3/4				
2	3,475.10	2	2,979.47	2	2,483.84	2	1,988.21	2	1,492.58	2	997.58	2	506.32	2	86.99	2				
1 1/4	3,464.77	1 1/4	2,969.15	1 1/4	2,473.52	1 1/4	1,977.89	1 1/4	1,482.26	1 1/4	987.28	1 1/4	496.56	1 1/4	79.33	1 1/4				
1 1/2	3,454.45	1 1/2	2,958.82	1 1/2	2,463.19	1 1/2	1,967.56	1 1/2	1,471.93	1 1/2	976.97	1 1/2	486.81	1 1/2	71.67	1 1/2				
3/4	3,444.12	3/4	2,948.49	3/4	2,452.87	3/4	1,957.24	3/4	1,461.61	3/4	966.67	3/4	477.22	3/4	64.23	3/4				
3	3,433.80	3	2,938.17	3	2,442.54	3	1,946.91	3	1,451.28	3	956.36	3	467.63	3	56.79	3				
1 1/4	3,423.47	1 1/4	2,927.84	1 1/4	2,432.21	1 1/4	1,936.59	1 1/4	1,440.96	1 1/4	946.06	1 1/4	458.04	1 1/4	49.35	1 1/4				
1 1/2	3,413.15	1 1/2	2,917.52	1 1/2	2,421.89	1 1/2	1,926.26	1 1/2	1,430.63	1 1/2	935.75	1 1/2	448.46	1 1/2	41.91	1 1/2				
3/4	3,402.82	3/4	2,907.19	3/4	2,411.56	3/4	1,915.93	3/4	1,420.31	3/4	925.45	3/4	439.04	3/4	36.04	3/4				
4	3,392.50	4	2,896.87	4	2,401.24	4	1,905.61	4	1,409.98	4	915.14	4	429.62	4	30.17	4				
1 1/4	3,382.17	1 1/4	2,886.54	1 1/4	2,390.91	1 1/4	1,895.28	1 1/4	1,399.65	1 1/4	904.84	1 1/4	420.20	1 1/4	24.31	1 1/4				
1 1/2	3,371.84	1 1/2	2,876.22	1 1/2	2,380.59	1 1/2	1,884.96	1 1/2	1,389.33	1 1/2	894.54	1 1/2	410.78	1 1/2	18.44	1 1/2				
3/4	3,361.52	3/4	2,865.89	3/4	2,370.26	3/4	1,874.63	3/4	1,379.00	3/4	884.23	3/4	401.53	3/4	15.95	3/4				
5	3,351.19	5	2,855.56	5	2,359.94	5	1,864.31	5	1,368.68	5	873.93	5	392.28	5	13.45	5				
1 1/4	3,340.87	1 1/4	2,845.24	1 1/4	2,349.61	1 1/4	1,853.99	1 1/4	1,358.35	1 1/4	863.62	1 1/4	383.03	1 1/4	10.96	1 1/4				
1 1/2	3,330.54	1 1/2	2,834.91	1 1/2	2,339.28	1 1/2	1,843.66	1 1/2	1,348.03	1 1/2	853.32	1 1/2	373.78	1 1/2	8.46	1 1/2				
3/4	3,320.22	3/4	2,824.59	3/4	2,328.96	3/4	1,833.33	3/4	1,337.70	3/4	843.01	3/4	364.70	3/4	6.70	3/4				
6	3,309.89	6	2,814.26	6	2,318.63	6	1,823.00	6	1,327.38	6	832.71	6	355.62	6	4.94	6				
1 1/4	3,299.56	1 1/4	2,803.94	1 1/4	2,308.31	1 1/4	1,812.68	1 1/4	1,317.05	1 1/4	822.40	1 1/4	346.54	1 1/4	3.18	1 1/4				
1 1/2	3,289.24	1 1/2	2,793.61	1 1/2	2,297.98	1 1/2	1,802.35	1 1/2	1,306.72	1 1/2	812.10	1 1/2	337.46	1 1/2	1.42	1 1/2				
3/4	3,278.91	3/4	2,783.28	3/4	2,287.66	3/4	1,792.03	3/4	1,296.42	3/4	801.78	3/4	328.54	3/4		3/4				
7	3,268.59	7	2,772.96	7	2,277.33	7	1,781.70	7	1,286.11	7	791.45	7	319.63	7		7				
1 1/4	3,258.26	1 1/4	2,762.63	1 1/4	2,267.00	1 1/4	1,771.38	1 1/4	1,275.80	1 1/4	781.13	1 1/4	310.72	1 1/4		1 1/4				
1 1/2	3,247.94	1 1/2	2,752.31	1 1/2	2,256.68	1 1/2	1,761.05	1 1/2	1,265.50	1 1/2	770.81	1 1/2	301.81	1 1/2		1 1/2				
3/4	3,237.61	3/4	2,741.98	3/4	2,246.35	3/4	1,750.72	3/4	1,255.19	3/4	760.48	3/4	293.06	3/4		3/4				
8	3,227.29	8	2,731.66	8	2,236.03	8	1,740.40	8	1,244.89	8	750.16	8	284.32	8		8				
1 1/4	3,216.96	1 1/4	2,721.33	1 1/4	2,225.70	1 1/4	1,730.07	1 1/4	1,234.58	1 1/4	739.83	1 1/4	275.57	1 1/4		1 1/4				
1 1/2	3,206.63	1 1/2	2,711.01	1 1/2	2,215.38	1 1/2	1,719.75	1 1/2	1,224.28	1 1/2	729.51	1 1/2	266.83	1 1/2		1 1/2				
3/4	3,196.31	3/4	2,700.68	3/4	2,205.05	3/4	1,709.42	3/4	1,213.98	3/4	719.18	3/4	258.25	3/4		3/4				
9	3,185.98	9	2,690.35	9	2,194.73	9	1,699.10	9	1,203.67	9	708.86	9	249.68	9		9				
1 1/4	3,175.66	1 1/4	2,680.03	1 1/4	2,184.40	1 1/4	1,688.77	1 1/4	1,193.37	1 1/4	698.53	1 1/4	241.10	1 1/4		1 1/4				
1 1/2	3,165.33	1 1/2	2,669.70	1 1/2	2,174.07	1 1/2	1,678.45	1 1/2	1,183.06	1 1/2	688.21	1 1/2	232.53	1 1/2		1 1/2				
3/4	3,155.01	3/4	2,659.38	3/4	2,163.75	3/4	1,668.12	3/4	1,172.76	3/4	677.88	3/4	224.12	3/4		3/4				
10	3,144.68	10	2,649.05	10	2,153.42	10	1,657.79	10	1,162.45	10	667.56	10	215.72	10		10				
1 1/4	3,134.36	1 1/4	2,638.73	1 1/4	2,143.10	1 1/4	1,647.47	1 1/4	1,152.15	1 1/4	657.23	1 1/4	207.31	1 1/4		1 1/4				
1 1/2	3,124.03	1 1/2	2,628.40	1 1/2	2,132.77	1 1/2	1,637.14	1 1/2	1,141.84	1 1/2	646.91	1 1/2	198.91	1 1/2		1 1/2				
3/4	3,113.70	3/4	2,618.08	3/4	2,122.45	3/4	1,626.82	3/4	1,131.54	3/4	636.65	3/4	190.67	3/4		3/4				
11	3,103.38	11	2,607.75	11	2,112.12	11	1,616.49	11	1,121.23	11	626.40	11	182.44	11		11				
1 1/4	3,093.05	1 1/4	2,597.42	1 1/4	2,101.80	1 1/4	1,606.17	1 1/4	1,110.93	1 1/4	616.15	1 1/4	174.21	1 1/4		1 1/4				
1 1/2	3,082.73	1 1/2	2,587.10	1 1/2	2,091.47	1 1/2	1,595.84	1 1/2	1,100.63	1 1/2	605.90	1 1/2	165.98	1 1/2		1 1/2				
3/4	3,072.40	3/4	2,576.77	3/4	2,081.14	3/4	1,585.52	3/4	1,090.32	3/4	595.61	3/4	157.93	3/4		3/4				

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2014 SW  
CALCULATED: 04/04/2014 CL  
PRINTED: 04/04/2014 CL

PRECISION MEASUREMENT  
& ANALYSIS, INC.

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "WEB 347"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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

GAUGE HEIGHT 17'-03 3/4"

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

http://www.pmacorp.net

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'-06" FORWARD OF AFT BULKHEAD



# BARGE "WEB 347"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
IN	0	0	0	0	0	0	0	0	0	0
1/4	2,074.29	1,789.12	1,503.94	1,218.77	933.60	655.00	374.20	89.18	0	0
1/2	2,068.35	1,783.17	1,498.00	1,212.83	927.66	649.29	368.25	83.27	1/4	1/4
3/4	2,062.41	1,777.23	1,492.06	1,206.89	921.72	643.58	362.31	77.36	1/2	1/2
IN	2,056.47	1,771.29	1,486.12	1,200.95	915.77	637.87	356.37	71.45	3/4	3/4
1/4	2,050.52	1,765.35	1,480.18	1,195.01	909.83	632.16	350.43	65.57	1	1
1/2	2,044.58	1,759.41	1,474.24	1,189.06	903.89	626.44	344.49	59.69	1/4	1/4
3/4	2,038.64	1,753.47	1,468.30	1,183.12	897.95	620.73	338.55	53.81	1/2	1/2
IN	2,032.70	1,747.53	1,462.36	1,177.18	892.01	615.02	332.61	47.92	3/4	3/4
1/4	2,026.76	1,741.59	1,456.41	1,171.24	886.07	609.31	326.67	42.52	1	1
1/2	2,020.82	1,735.65	1,450.47	1,165.30	880.13	603.60	320.73	37.11	1/4	1/4
3/4	2,014.88	1,729.70	1,444.53	1,159.36	874.19	597.88	314.79	31.70	1/2	1/2
IN	2,008.94	1,723.76	1,438.59	1,153.42	868.25	592.17	308.85	26.30	3/4	3/4
1/4	2,003.00	1,717.82	1,432.65	1,147.48	862.30	586.46	302.91	22.34	1	1
1/2	1,997.05	1,711.88	1,426.71	1,141.54	856.36	580.75	296.97	18.38	1/4	1/4
3/4	1,991.11	1,705.94	1,420.77	1,135.59	850.42	575.04	291.02	14.42	1/2	1/2
IN	1,985.17	1,700.00	1,414.83	1,129.65	844.48	569.33	285.08	10.46	3/4	3/4
1/4	1,979.23	1,694.06	1,408.89	1,123.71	838.60	563.56	279.14	6.50	1	1
1/2	1,973.29	1,688.12	1,402.94	1,117.77	832.71	557.79	273.20	2.54	1/4	1/4
3/4	1,967.35	1,682.18	1,397.00	1,111.83	826.83	552.02	267.26	0.58	1/2	1/2
IN	1,961.41	1,676.24	1,391.06	1,105.89	820.94	546.25	261.32	0.00	3/4	3/4
1/4	1,955.47	1,670.29	1,385.12	1,099.95	815.17	540.37	255.38	0.00	1	1
1/2	1,949.53	1,664.35	1,379.18	1,094.01	809.40	534.48	249.44	0.00	1/4	1/4
3/4	1,943.58	1,658.41	1,373.24	1,088.07	803.62	528.60	243.50	0.00	1/2	1/2
IN	1,937.64	1,652.47	1,367.30	1,082.13	797.85	522.72	237.56	0.00	3/4	3/4
1/4	1,931.70	1,646.53	1,361.36	1,076.18	792.14	516.77	231.62	0.00	1	1
1/2	1,925.76	1,640.59	1,355.42	1,070.24	786.42	510.83	225.68	0.00	1/4	1/4
3/4	1,919.82	1,634.65	1,349.47	1,064.30	780.70	504.89	219.73	0.00	1/2	1/2
IN	1,913.88	1,628.71	1,343.53	1,058.36	774.99	498.95	213.79	0.00	3/4	3/4
1/4	1,907.94	1,622.77	1,337.59	1,052.42	769.27	493.01	207.85	0.00	1	1
1/2	1,902.00	1,616.82	1,331.65	1,046.48	763.55	487.07	201.91	0.00	1/4	1/4
3/4	1,896.06	1,610.88	1,325.71	1,040.54	757.84	481.13	195.97	0.00	1/2	1/2
IN	1,890.11	1,604.94	1,319.77	1,034.60	752.12	475.19	190.03	0.00	3/4	3/4
1/4	1,884.17	1,599.00	1,313.83	1,028.66	746.41	469.25	184.09	0.00	1	1
1/2	1,878.23	1,593.06	1,307.89	1,022.71	740.69	463.31	178.15	0.00	1/4	1/4
3/4	1,872.29	1,587.12	1,301.95	1,016.77	734.98	457.37	172.21	0.00	1/2	1/2
IN	1,866.35	1,581.18	1,296.00	1,010.83	729.26	451.43	166.27	0.00	3/4	3/4
1/4	1,860.41	1,575.24	1,290.06	1,004.89	723.55	445.49	160.33	0.00	1	1
1/2	1,854.47	1,569.30	1,284.12	998.95	717.84	439.54	154.39	0.00	1/4	1/4
3/4	1,848.53	1,563.35	1,278.18	993.01	712.12	433.60	148.45	0.00	1/2	1/2
IN	1,842.59	1,557.41	1,272.24	987.07	706.41	427.66	142.51	0.00	3/4	3/4
1/4	1,836.64	1,551.47	1,266.30	981.13	700.70	421.72	136.58	0.00	1	1
1/2	1,830.70	1,545.53	1,260.36	975.19	694.99	415.78	130.65	0.00	1/4	1/4
3/4	1,824.76	1,539.59	1,254.42	969.24	689.27	409.84	124.71	0.00	1/2	1/2
IN	1,818.82	1,533.65	1,248.48	963.30	683.56	403.90	118.78	0.00	3/4	3/4
1/4	1,812.88	1,527.71	1,242.53	957.36	677.85	397.96	112.86	0.00	1	1
1/2	1,806.94	1,521.77	1,236.59	951.42	672.14	392.02	106.93	0.00	1/4	1/4
3/4	1,801.00	1,515.83	1,230.65	945.48	666.43	386.08	101.01	0.00	1/2	1/2
IN	1,795.06	1,509.88	1,224.71	939.54	660.71	380.14	95.09	0.00	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2014 SW  
CALCULATED: 04/04/2014 CL  
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ALL PRIOR TO 04/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
http://www.pimacorp.net



# BARGE "WEB 347"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

http://www.pmaacorp.net

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'-06" FORWARD OF AFT BULKHEAD



# BARGE "WEB 347"

2 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.
0	2,079.46	1,794.21	1,508.95	1,223.70	938.44	653.38	368.37	83.30		
1/4	2,073.52	1,788.26	1,503.01	1,217.75	932.50	647.45	362.42	77.39		
1/2	2,067.57	1,782.32	1,497.07	1,211.81	926.56	641.52	356.48	71.48		
3/4	2,061.63	1,776.38	1,491.12	1,205.87	920.61	635.59	350.54	65.59		
1	2,055.69	1,770.43	1,485.18	1,199.93	914.67	629.66	344.60	59.71		
1/4	2,049.75	1,764.49	1,479.24	1,193.98	908.73	623.73	338.65	53.82		
1/2	2,043.80	1,758.55	1,473.29	1,188.04	902.79	617.80	332.71	47.94		
3/4	2,037.86	1,752.61	1,467.35	1,182.10	896.84	611.87	326.77	42.03		
2	2,031.92	1,746.66	1,461.41	1,176.15	890.90	605.94	320.83	37.12		
1/4	2,025.97	1,740.72	1,455.47	1,170.21	884.96	600.01	314.88	31.72		
1/2	2,020.03	1,734.78	1,449.52	1,164.27	879.01	594.08	308.94	26.31		
3/4	2,014.09	1,728.83	1,443.58	1,158.33	873.07	588.15	303.00	22.35		
3	2,008.15	1,722.89	1,437.64	1,152.38	867.13	582.22	297.06	18.39		
1/4	2,002.20	1,716.95	1,431.69	1,146.44	861.19	576.29	291.11	14.43		
1/2	1,996.26	1,711.01	1,425.75	1,140.50	855.24	570.36	285.17	10.47		
3/4	1,990.32	1,705.06	1,419.81	1,134.55	849.30	564.43	279.23			
4	1,984.38	1,699.12	1,413.87	1,128.61	843.36	558.50	273.29			
1/4	1,978.43	1,693.18	1,407.92	1,122.67	837.41	552.57	267.34			
1/2	1,972.49	1,687.24	1,401.98	1,116.73	831.47	546.63	261.40			
3/4	1,966.55	1,681.29	1,396.04	1,110.78	825.53	540.69	255.46			
5	1,960.60	1,675.35	1,390.10	1,104.84	819.59	534.75	249.52			
1/4	1,954.66	1,669.41	1,384.15	1,098.90	813.64	528.81	243.57			
1/2	1,948.72	1,663.46	1,378.21	1,092.96	807.70	522.87	237.63			
3/4	1,942.78	1,657.52	1,372.27	1,087.01	801.76	516.93	231.69			
6	1,936.83	1,651.58	1,366.32	1,081.07	795.82	510.99	225.74			
1/4	1,930.89	1,645.64	1,360.38	1,075.13	789.87	505.05	219.80			
1/2	1,924.95	1,639.69	1,354.44	1,069.18	783.93	499.10	213.86			
3/4	1,919.00	1,633.75	1,348.50	1,063.24	777.99	493.16	207.92			
7	1,913.06	1,627.81	1,342.55	1,057.30	772.04	487.22	201.97			
1/4	1,907.12	1,621.86	1,336.61	1,051.36	766.10	481.28	196.03			
1/2	1,901.18	1,615.92	1,330.67	1,045.41	760.16	475.33	190.09			
3/4	1,895.23	1,609.98	1,324.72	1,039.47	754.22	469.39	184.15			
8	1,889.29	1,604.04	1,318.78	1,033.53	748.28	463.45	178.20			
1/4	1,883.35	1,598.09	1,312.84	1,027.58	742.34	457.51	172.26			
1/2	1,877.40	1,592.15	1,306.90	1,021.64	736.40	451.56	166.32			
3/4	1,871.46	1,586.21	1,300.95	1,015.70	730.47	445.62	160.38			
9	1,865.52	1,580.26	1,295.01	1,009.76	724.54	439.68	154.44			
1/4	1,859.58	1,574.32	1,289.07	1,003.81	718.60	433.74	148.50			
1/2	1,853.63	1,568.38	1,283.12	997.87	712.67	427.79	142.56			
3/4	1,847.69	1,562.44	1,277.18	991.93	706.74	421.85	136.62			
10	1,841.75	1,556.49	1,271.24	985.98	700.81	415.91	130.69			
1/4	1,835.81	1,550.55	1,265.30	980.04	694.88	409.97	124.75			
1/2	1,829.86	1,544.61	1,259.35	974.10	688.95	404.02	118.82			
3/4	1,823.92	1,538.67	1,253.41	968.16	683.02	398.08	112.89			
11	1,817.98	1,532.72	1,247.47	962.21	677.09	392.14	106.97			
1/4	1,812.03	1,526.78	1,241.53	956.27	671.16	386.19	101.04			
1/2	1,806.09	1,520.84	1,235.58	950.33	665.23	380.25	95.12			
3/4	1,800.15	1,514.89	1,229.64	944.39	659.30	374.31	89.21			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2014 SW  
CALCULATED: 04/04/2014 CL  
PRINTED: 04/04/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "WEB 347"

## 3 PORT

### ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT & ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
http://www.pmaacorp.net

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'-06" FORWARD OF AFT BULKHEAD





# BARGE "WEB 347"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,245.23	0	1,935.79	0	1,626.35	0	1,316.91	0	1,007.46	0	704.85	0	399.55	0	90.31	0			
1/4	2,238.78	1/4	1,929.34	1/4	1,619.90	1/4	1,310.46	1/4	1,001.02	1/4	698.63	1/4	393.10	1/4	83.90	1/4			
1/2	2,232.34	1/2	1,922.90	1/2	1,613.45	1/2	1,304.01	1/2	994.57	1/2	692.41	1/2	386.66	1/2	77.49	1/2			
3/4	2,225.89	3/4	1,916.45	3/4	1,607.01	3/4	1,297.57	3/4	988.12	3/4	686.20	3/4	380.21	3/4	71.11	3/4			
1	2,219.44	1	1,910.00	1	1,600.56	1	1,291.12	1	981.68	1	679.98	1	373.77	1	64.72	1			
1/4	2,213.00	1/4	1,903.55	1/4	1,594.11	1/4	1,284.67	1/4	975.23	1/4	673.76	1/4	367.32	1/4	58.34	1/4			
1/2	2,206.55	1/2	1,897.11	1/2	1,587.67	1/2	1,278.23	1/2	968.78	1/2	667.55	1/2	360.87	1/2	51.96	1/2			
3/4	2,200.10	3/4	1,890.66	3/4	1,581.22	3/4	1,271.78	3/4	962.34	3/4	661.33	3/4	354.43	3/4	46.09	3/4			
2	2,193.66	2	1,884.21	2	1,574.77	2	1,265.33	2	955.89	2	655.11	2	347.98	2	40.22	2			
1/4	2,187.21	1/4	1,877.77	1/4	1,568.33	1/4	1,258.88	1/4	949.44	1/4	648.90	1/4	341.53	1/4	34.36	1/4			
1/2	2,180.76	1/2	1,871.32	1/2	1,561.88	1/2	1,252.44	1/2	943.00	1/2	642.68	1/2	335.09	1/2	28.49	1/2			
3/4	2,174.32	3/4	1,864.87	3/4	1,555.43	3/4	1,245.99	3/4	936.55	3/4	636.46	3/4	328.64	3/4	24.19	3/4			
3	2,167.87	3	1,858.43	3	1,548.99	3	1,239.54	3	930.10	3	630.25	3	322.19	3	19.90	3			
1/4	2,161.42	1/4	1,851.98	1/4	1,542.54	1/4	1,233.10	1/4	923.66	1/4	624.03	1/4	315.75	1/4	15.60	1/4			
1/2	2,154.98	1/2	1,845.53	1/2	1,536.09	1/2	1,226.65	1/2	917.21	1/2	617.81	1/2	309.30	1/2	11.31	1/2			
3/4	2,148.53	3/4	1,839.09	3/4	1,529.65	3/4	1,220.20	3/4	910.82	3/4	611.54	3/4	302.86	3/4		3/4			
4	2,142.08	4	1,832.64	4	1,523.20	4	1,213.76	4	904.43	4	605.26	4	296.41	4		4			
1/4	2,135.64	1/4	1,826.19	1/4	1,516.75	1/4	1,207.31	1/4	898.04	1/4	598.99	1/4	289.96	1/4		1/4			
1/2	2,129.19	1/2	1,819.75	1/2	1,510.31	1/2	1,200.86	1/2	891.55	1/2	592.72	1/2	283.52	1/2		1/2			
3/4	2,122.74	3/4	1,813.30	3/4	1,503.86	3/4	1,194.42	3/4	885.37	3/4	586.33	3/4	277.07	3/4		3/4			
5	2,116.30	5	1,806.85	5	1,497.41	5	1,187.97	5	879.09	5	579.94	5	270.62	5		5			
1/4	2,109.85	1/4	1,800.41	1/4	1,490.97	1/4	1,181.52	1/4	872.82	1/4	573.55	1/4	264.18	1/4		1/4			
1/2	2,103.40	1/2	1,793.96	1/2	1,484.52	1/2	1,175.08	1/2	866.54	1/2	567.16	1/2	257.73	1/2		1/2			
3/4	2,096.96	3/4	1,787.51	3/4	1,478.07	3/4	1,168.53	3/4	860.32	3/4	560.71	3/4	251.28	3/4		3/4			
6	2,090.51	6	1,781.07	6	1,471.63	6	1,162.18	6	854.10	6	554.26	6	244.84	6		6			
1/4	2,084.06	1/4	1,774.62	1/4	1,465.18	1/4	1,155.74	1/4	847.87	1/4	547.82	1/4	238.39	1/4		1/4			
1/2	2,077.62	1/2	1,768.17	1/2	1,458.73	1/2	1,149.29	1/2	841.65	1/2	541.37	1/2	231.94	1/2		1/2			
3/4	2,071.17	3/4	1,761.73	3/4	1,452.29	3/4	1,142.84	3/4	835.43	3/4	534.93	3/4	225.50	3/4		3/4			
7	2,064.72	7	1,755.28	7	1,445.84	7	1,136.40	7	829.21	7	528.48	7	219.05	7		7			
1/4	2,058.28	1/4	1,748.83	1/4	1,439.39	1/4	1,129.95	1/4	822.99	1/4	522.03	1/4	212.61	1/4		1/4			
1/2	2,051.83	1/2	1,742.39	1/2	1,432.95	1/2	1,123.50	1/2	816.77	1/2	515.59	1/2	206.16	1/2		1/2			
3/4	2,045.38	3/4	1,735.94	3/4	1,426.50	3/4	1,117.06	3/4	810.55	3/4	509.14	3/4	199.71	3/4		3/4			
8	2,038.94	8	1,729.49	8	1,420.05	8	1,110.61	8	804.33	8	502.69	8	193.27	8		8			
1/4	2,032.49	1/4	1,723.05	1/4	1,413.61	1/4	1,104.16	1/4	798.11	1/4	496.25	1/4	186.82	1/4		1/4			
1/2	2,026.04	1/2	1,716.60	1/2	1,407.16	1/2	1,097.72	1/2	791.89	1/2	489.80	1/2	180.37	1/2		1/2			
3/4	2,019.60	3/4	1,710.15	3/4	1,400.71	3/4	1,091.27	3/4	785.67	3/4	483.35	3/4	173.93	3/4		3/4			
9	2,013.15	9	1,703.71	9	1,394.27	9	1,084.82	9	779.45	9	476.91	9	167.49	9		9			
1/4	2,006.70	1/4	1,697.26	1/4	1,387.82	1/4	1,078.38	1/4	773.23	1/4	470.46	1/4	161.04	1/4		1/4			
1/2	2,000.26	1/2	1,690.81	1/2	1,381.37	1/2	1,071.93	1/2	767.02	1/2	464.02	1/2	154.60	1/2		1/2			
3/4	1,993.81	3/4	1,684.37	3/4	1,374.93	3/4	1,065.48	3/4	760.80	3/4	457.57	3/4	148.16	3/4		3/4			
10	1,987.36	10	1,677.92	10	1,368.48	10	1,059.04	10	754.58	10	451.12	10	141.72	10		10			
1/4	1,980.92	1/4	1,671.47	1/4	1,362.03	1/4	1,052.59	1/4	748.37	1/4	444.68	1/4	135.28	1/4		1/4			
1/2	1,974.47	1/2	1,665.03	1/2	1,355.59	1/2	1,046.14	1/2	742.15	1/2	438.23	1/2	128.84	1/2		1/2			
3/4	1,968.02	3/4	1,658.58	3/4	1,349.14	3/4	1,039.70	3/4	735.93	3/4	431.78	3/4	122.42	3/4		3/4			
11	1,961.58	11	1,652.13	11	1,342.69	11	1,033.25	11	729.72	11	425.34	11	115.99	11		11			
1/4	1,955.13	1/4	1,645.69	1/4	1,336.25	1/4	1,026.80	1/4	723.50	1/4	418.89	1/4	109.56	1/4		1/4			
1/2	1,948.68	1/2	1,639.24	1/2	1,329.80	1/2	1,020.36	1/2	717.28	1/2	412.44	1/2	103.13	1/2		1/2			
3/4	1,942.24	3/4	1,632.79	3/4	1,323.35	3/4	1,013.91	3/4	711.07	3/4	406.00	3/4	96.72	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2014 SW  
CALCULATED: 04/04/2014 CL  
PRINTED: 04/04/2014 CL  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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http://www.pmacorp.net



# BARGE "WEB 347"

## 3 STBD

### ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

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

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'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT & ANALYSIS, INC.

Pearland, Texas 77588  
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# BARGE "WEB 347"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,255.11	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			
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	1/4	83.88	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	386.57	1/2	77.47	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	3/4	71.08	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			
1 1/4	2,222.88	1 1/4	1,913.53	1 1/4	1,604.18	1 1/4	1,294.83	1 1/4	985.49	1 1/4	676.39	1 1/4	367.22	1 1/4	58.32	1 1/4			
1 1/2	2,216.44	1 1/2	1,907.09	1 1/2	1,597.74	1 1/2	1,288.39	1 1/2	979.04	1 1/2	669.95	1 1/2	360.77	1 1/2	51.94	1 1/2			
1 3/4	2,209.99	1 3/4	1,900.64	1 3/4	1,591.29	1 3/4	1,281.94	1 3/4	972.59	1 3/4	663.52	1 3/4	354.33	1 3/4	46.08	1 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			
2 1/4	2,197.10	2 1/4	1,887.75	2 1/4	1,578.40	2 1/4	1,269.05	2 1/4	959.70	2 1/4	650.66	2 1/4	341.44	2 1/4	34.35	2 1/4			
2 1/2	2,190.66	2 1/2	1,881.31	2 1/2	1,571.96	2 1/2	1,262.61	2 1/2	953.26	2 1/2	644.23	2 1/2	334.99	2 1/2	28.48	2 1/2			
2 3/4	2,184.21	2 3/4	1,874.86	2 3/4	1,565.51	2 3/4	1,256.16	2 3/4	946.81	2 3/4	637.80	2 3/4	328.55	2 3/4	24.19	2 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 1/4	2,171.32	3 1/4	1,861.97	3 1/4	1,552.62	3 1/4	1,243.27	3 1/4	933.92	3 1/4	624.93	3 1/4	315.66	3 1/4	15.60	3 1/4			
3 1/2	2,164.88	3 1/2	1,855.53	3 1/2	1,546.18	3 1/2	1,236.83	3 1/2	927.48	3 1/2	618.50	3 1/2	309.21	3 1/2	11.30	3 1/2			
3 3/4	2,158.43	3 3/4	1,849.08	3 3/4	1,539.73	3 3/4	1,230.38	3 3/4	921.03	3 3/4	612.07	3 3/4	302.77	3 3/4		3 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			
4 1/4	2,145.55	4 1/4	1,836.19	4 1/4	1,526.84	4 1/4	1,217.49	4 1/4	908.14	4 1/4	599.20	4 1/4	289.88	4 1/4		4 1/4			
4 1/2	2,139.10	4 1/2	1,829.75	4 1/2	1,520.40	4 1/2	1,211.05	4 1/2	901.70	4 1/2	592.76	4 1/2	283.44	4 1/2		4 1/2			
4 3/4	2,132.66	4 3/4	1,823.31	4 3/4	1,513.95	4 3/4	1,204.60	4 3/4	895.25	4 3/4	586.32	4 3/4	276.99	4 3/4		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			
5 1/4	2,119.77	5 1/4	1,810.42	5 1/4	1,501.07	5 1/4	1,191.71	5 1/4	882.36	5 1/4	573.44	5 1/4	264.10	5 1/4		5 1/4			
5 1/2	2,113.32	5 1/2	1,803.97	5 1/2	1,494.62	5 1/2	1,185.27	5 1/2	875.92	5 1/2	567.00	5 1/2	257.66	5 1/2		5 1/2			
5 3/4	2,106.88	5 3/4	1,797.53	5 3/4	1,488.18	5 3/4	1,178.83	5 3/4	869.47	5 3/4	560.55	5 3/4	251.21	5 3/4		5 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			
6 1/4	2,093.99	6 1/4	1,784.64	6 1/4	1,475.29	6 1/4	1,165.94	6 1/4	856.59	6 1/4	547.66	6 1/4	238.32	6 1/4		6 1/4			
6 1/2	2,087.54	6 1/2	1,778.19	6 1/2	1,468.84	6 1/2	1,159.49	6 1/2	850.14	6 1/2	541.22	6 1/2	231.88	6 1/2		6 1/2			
6 3/4	2,081.10	6 3/4	1,771.75	6 3/4	1,462.40	6 3/4	1,153.05	6 3/4	843.70	6 3/4	534.77	6 3/4	225.43	6 3/4		6 3/4			
7	2,074.65	7	1,765.30	7	1,455.95	7	1,146.60	7	837.25	7	528.33	7	218.99	7		7			
7 1/4	2,068.21	7 1/4	1,758.86	7 1/4	1,449.51	7 1/4	1,140.16	7 1/4	830.81	7 1/4	521.89	7 1/4	212.54	7 1/4		7 1/4			
7 1/2	2,061.76	7 1/2	1,752.41	7 1/2	1,443.06	7 1/2	1,133.71	7 1/2	824.36	7 1/2	515.44	7 1/2	206.10	7 1/2		7 1/2			
7 3/4	2,055.32	7 3/4	1,745.97	7 3/4	1,436.62	7 3/4	1,127.27	7 3/4	817.92	7 3/4	509.00	7 3/4	199.66	7 3/4		7 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			
8 1/4	2,042.43	8 1/4	1,733.08	8 1/4	1,423.73	8 1/4	1,114.38	8 1/4	805.04	8 1/4	496.11	8 1/4	186.77	8 1/4		8 1/4			
8 1/2	2,035.98	8 1/2	1,726.63	8 1/2	1,417.28	8 1/2	1,107.93	8 1/2	798.60	8 1/2	489.66	8 1/2	180.32	8 1/2		8 1/2			
8 3/4	2,029.54	8 3/4	1,720.19	8 3/4	1,410.84	8 3/4	1,101.49	8 3/4	792.16	8 3/4	483.22	8 3/4	173.88	8 3/4		8 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			
9 1/4	2,016.65	9 1/4	1,707.30	9 1/4	1,397.95	9 1/4	1,088.60	9 1/4	779.29	9 1/4	470.33	9 1/4	161.00	9 1/4		9 1/4			
9 1/2	2,010.20	9 1/2	1,700.85	9 1/2	1,391.50	9 1/2	1,082.15	9 1/2	772.86	9 1/2	463.88	9 1/2	154.55	9 1/2		9 1/2			
9 3/4	2,003.76	9 3/4	1,694.41	9 3/4	1,385.06	9 3/4	1,075.71	9 3/4	766.43	9 3/4	457.44	9 3/4	148.12	9 3/4		9 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			
10 1/4	1,990.87	10 1/4	1,681.52	10 1/4	1,372.17	10 1/4	1,062.82	10 1/4	753.56	10 1/4	444.55	10 1/4	135.24	10 1/4		10 1/4			
10 1/2	1,984.43	10 1/2	1,675.07	10 1/2	1,365.72	10 1/2	1,056.37	10 1/2	747.13	10 1/2	438.11	10 1/2	128.81	10 1/2		10 1/2			
10 3/4	1,977.98	10 3/4	1,668.63	10 3/4	1,359.28	10 3/4	1,049.93	10 3/4	740.70	10 3/4	431.66	10 3/4	122.38	10 3/4		10 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			
11 1/4	1,965.09	11 1/4	1,655.74	11 1/4	1,346.39	11 1/4	1,037.04	11 1/4	727.84	11 1/4	418.77	11 1/4	109.53	11 1/4		11 1/4			
11 1/2	1,958.65	11 1/2	1,649.30	11 1/2	1,339.95	11 1/2	1,030.59	11 1/2	721.41	11 1/2	412.33	11 1/2	103.10	11 1/2		11 1/2			
11 3/4	1,952.20	11 3/4	1,642.85	11 3/4	1,333.50	11 3/4	1,024.15	11 3/4	714.97	11 3/4	405.88	11 3/4	96.69	11 3/4		11 3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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ALL PRIOR TO 04/2014



BARGE "WEB 347"

4 CENTER  
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07"

Table with columns for gauge height (0 FT. to 9 FT.) and rows for tank dimensions (IN, 0, 1 FT., 2 FT., 3 FT., 4 FT., 5 FT., 6 FT., 7 FT., 8 FT., 9 FT.).

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.

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# BARGE "WEB 347"

## 4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07"

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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	3,671.85	0	3,093.00	0	2,614.76	0	2,136.87	0	1,658.19	0	1,180.99	0	703.75	0	224.29	0		0	
1/4	3,561.87	1/4	3,083.03	1/4	2,604.82	1/4	2,126.90	1/4	1,648.21	1/4	1,171.09	1/4	693.76	1/4	214.31	1/4		1/4	
1/2	3,551.90	1/2	3,073.05	1/2	2,594.87	1/2	2,116.93	1/2	1,638.24	1/2	1,161.20	1/2	683.77	1/2	204.34	1/2		1/2	
3/4	3,541.92	3/4	3,063.07	3/4	2,584.93	3/4	2,106.96	3/4	1,628.27	3/4	1,151.30	3/4	673.78	3/4	194.37	3/4		3/4	
1	3,531.95	1	3,053.10	1	2,574.98	1	2,096.98	1	1,618.29	1	1,141.40	1	663.79	1	184.40	1		1	
1/4	3,521.97	1/4	3,043.12	1/4	2,565.04	1/4	2,087.01	1/4	1,608.32	1/4	1,131.50	1/4	653.80	1/4	174.44	1/4		1/4	
1/2	3,511.99	1/2	3,033.15	1/2	2,555.10	1/2	2,077.04	1/2	1,598.35	1/2	1,121.60	1/2	643.81	1/2	164.49	1/2		1/2	
3/4	3,502.02	3/4	3,023.17	3/4	2,545.15	3/4	2,067.07	3/4	1,588.38	3/4	1,111.70	3/4	633.82	3/4	154.54	3/4		3/4	
2	3,492.04	2	3,013.19	2	2,535.21	2	2,057.09	2	1,578.40	2	1,101.81	2	623.84	2	144.58	2		2	
1/4	3,482.07	1/4	3,003.22	1/4	2,525.26	1/4	2,047.12	1/4	1,568.43	1/4	1,091.91	1/4	613.85	1/4	134.66	1/4		1/4	
1/2	3,472.09	1/2	2,993.24	1/2	2,515.32	1/2	2,037.15	1/2	1,558.46	1/2	1,082.01	1/2	603.86	1/2	124.74	1/2		1/2	
3/4	3,462.11	3/4	2,983.27	3/4	2,505.37	3/4	2,027.18	3/4	1,548.49	3/4	1,072.11	3/4	593.87	3/4	114.81	3/4		3/4	
3	3,452.14	3	2,973.29	3	2,495.43	3	2,017.20	3	1,538.51	3	1,062.21	3	583.88	3	104.89	3		3	
1/4	3,442.16	1/4	2,963.31	1/4	2,485.48	1/4	2,007.23	1/4	1,528.54	1/4	1,052.31	1/4	573.89	1/4	95.02	1/4		1/4	
1/2	3,432.19	1/2	2,953.34	1/2	2,475.54	1/2	1,997.26	1/2	1,518.57	1/2	1,042.41	1/2	563.90	1/2	85.15	1/2		1/2	
3/4	3,422.21	3/4	2,943.36	3/4	2,465.59	3/4	1,987.28	3/4	1,508.59	3/4	1,032.52	3/4	553.91	3/4	75.28	3/4		3/4	
4	3,412.23	4	2,933.39	4	2,455.65	4	1,977.31	4	1,498.62	4	1,022.62	4	543.92	4	65.41	4		4	
1/4	3,402.26	1/4	2,923.41	1/4	2,445.70	1/4	1,967.34	1/4	1,488.65	1/4	1,012.72	1/4	533.93	1/4	56.90	1/4		1/4	
1/2	3,392.28	1/2	2,913.43	1/2	2,435.76	1/2	1,957.37	1/2	1,478.68	1/2	1,002.82	1/2	523.94	1/2	48.39	1/2		1/2	
3/4	3,382.31	3/4	2,903.46	3/4	2,425.82	3/4	1,947.40	3/4	1,468.70	3/4	992.92	3/4	513.95	3/4	39.87	3/4		3/4	
5	3,372.33	5	2,893.48	5	2,415.87	5	1,937.42	5	1,458.73	5	983.02	5	503.96	5	31.36	5		5	
1/4	3,362.35	1/4	2,883.51	1/4	2,405.93	1/4	1,927.45	1/4	1,448.76	1/4	973.08	1/4	493.97	1/4	25.95	1/4		1/4	
1/2	3,352.38	1/2	2,873.53	1/2	2,395.98	1/2	1,917.48	1/2	1,438.79	1/2	963.13	1/2	483.98	1/2	20.54	1/2		1/2	
3/4	3,342.40	3/4	2,863.55	3/4	2,386.04	3/4	1,907.50	3/4	1,428.81	3/4	953.19	3/4	474.00	3/4	15.13	3/4		3/4	
6	3,332.43	6	2,853.58	6	2,376.09	6	1,897.52	6	1,418.84	6	943.24	6	464.01	6	9.72	6		6	
1/4	3,322.45	1/4	2,843.60	1/4	2,366.15	1/4	1,887.56	1/4	1,408.88	1/4	933.28	1/4	454.02	1/4	7.64	1/4		1/4	
1/2	3,312.47	1/2	2,833.63	1/2	2,356.20	1/2	1,877.58	1/2	1,398.92	1/2	923.32	1/2	444.03	1/2	5.56	1/2		1/2	
3/4	3,302.50	3/4	2,823.65	3/4	2,346.26	3/4	1,867.61	3/4	1,388.95	3/4	913.36	3/4	434.04	3/4	3.47	3/4		3/4	
7	3,292.52	7	2,813.67	7	2,336.31	7	1,857.64	7	1,378.99	7	903.39	7	424.06	7	1.39	7		7	
1/4	3,282.55	1/4	2,803.72	1/4	2,326.35	1/4	1,847.67	1/4	1,369.09	1/4	893.42	1/4	414.07	1/4		1/4		1/4	
1/2	3,272.57	1/2	2,793.78	1/2	2,316.38	1/2	1,837.69	1/2	1,359.18	1/2	883.44	1/2	404.08	1/2		1/2		1/2	
3/4	3,262.59	3/4	2,783.83	3/4	2,306.41	3/4	1,827.72	3/4	1,349.27	3/4	873.46	3/4	394.09	3/4		3/4		3/4	
8	3,252.62	8	2,773.88	8	2,296.44	8	1,817.75	8	1,339.37	8	863.49	8	384.10	8		8		8	
1/4	3,242.64	1/4	2,763.93	1/4	2,286.47	1/4	1,807.78	1/4	1,329.47	1/4	853.51	1/4	374.11	1/4		1/4		1/4	
1/2	3,232.67	1/2	2,753.99	1/2	2,276.49	1/2	1,797.80	1/2	1,319.57	1/2	843.53	1/2	364.12	1/2		1/2		1/2	
3/4	3,222.69	3/4	2,744.04	3/4	2,266.52	3/4	1,787.83	3/4	1,309.67	3/4	833.55	3/4	354.13	3/4		3/4		3/4	
9	3,212.71	9	2,734.10	9	2,256.55	9	1,777.86	9	1,299.78	9	823.58	9	344.14	9		9		9	
1/4	3,202.74	1/4	2,724.15	1/4	2,246.57	1/4	1,767.89	1/4	1,289.88	1/4	813.60	1/4	334.15	1/4		1/4		1/4	
1/2	3,192.76	1/2	2,714.21	1/2	2,236.60	1/2	1,757.91	1/2	1,279.98	1/2	803.62	1/2	324.16	1/2		1/2		1/2	
3/4	3,182.79	3/4	2,704.26	3/4	2,226.63	3/4	1,747.94	3/4	1,270.08	3/4	793.64	3/4	314.17	3/4		3/4		3/4	
10	3,172.81	10	2,694.32	10	2,216.68	10	1,737.97	10	1,260.18	10	783.66	10	304.18	10		10		10	
1/4	3,162.83	1/4	2,684.38	1/4	2,206.68	1/4	1,727.99	1/4	1,250.28	1/4	773.68	1/4	294.19	1/4		1/4		1/4	
1/2	3,152.86	1/2	2,674.43	1/2	2,196.71	1/2	1,718.02	1/2	1,240.38	1/2	763.69	1/2	284.20	1/2		1/2		1/2	
3/4	3,142.88	3/4	2,664.49	3/4	2,186.74	3/4	1,708.05	3/4	1,230.49	3/4	753.70	3/4	274.21	3/4		3/4		3/4	
11	3,132.91	11	2,654.54	11	2,176.77	11	1,698.08	11	1,220.59	11	743.71	11	264.22	11		11		11	
1/4	3,122.93	1/4	2,644.60	1/4	2,166.79	1/4	1,688.10	1/4	1,210.69	1/4	733.72	1/4	254.24	1/4		1/4		1/4	
1/2	3,112.95	1/2	2,634.65	1/2	2,156.82	1/2	1,678.13	1/2	1,200.79	1/2	723.73	1/2	244.25	1/2		1/2		1/2	
3/4	3,102.98	3/4	2,624.71	3/4	2,146.85	3/4	1,668.16	3/4	1,190.89	3/4	713.74	3/4	234.27	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2014 SW  
 CALCULATED: 04/04/2014 CL  
 PRINTED: 04/04/2014 CL  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 04/2014

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77568  
 http://www.pma.com



# BARGE "WEB 347"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

N	0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W	N	W
0	0	0	144	0	368	0	590	0												
1/4	1	1/4	149	1/4	373	1/4	594	1/4												
1/2	2	1/2	153	1/2	378	1/2	598	1/2												
3/4	3	3/4	157	3/4	383	3/4	602	3/4												
1	4	1	162	1	388	1	606	1												
1/4	5	1/4	166	1/4	393	1/4	610	1/4												
1/2	7	1/2	170	1/2	397	1/2	614	1/2												
3/4	9	3/4	175	3/4	402	3/4	617	3/4												
2	11	2	179	2	407	2	621	2												
1/4	13	1/4	184	1/4	412	1/4	625	1/4												
1/2	15	1/2	188	1/2	417	1/2	629	1/2												
3/4	17	3/4	193	3/4	422	3/4	633	3/4												
3	19	3	197	3	426	3	636	3												
1/4	22	1/4	202	1/4	431	1/4	640	1/4												
1/2	24	1/2	206	1/2	436	1/2	643	1/2												
3/4	27	3/4	211	3/4	441	3/4	647	3/4												
4	29	4	215	4	446	4	650	4												
1/4	32	1/4	220	1/4	450	1/4	654	1/4												
1/2	35	1/2	225	1/2	455	1/2	657	1/2												
3/4	38	3/4	229	3/4	460	3/4	661	3/4												
5	41	5	234	5	465	5	664	5												
1/4	44	1/4	239	1/4	469	1/4	667	1/4												
1/2	47	1/2	243	1/2	474	1/2	670	1/2												
3/4	50	3/4	248	3/4	479	3/4	673	3/4												
6	53	6	253	6	483	6	676	6												
1/4	57	1/4	257	1/4	488	1/4	679	1/4												
1/2	60	1/2	262	1/2	493	1/2	682	1/2												
3/4	63	3/4	267	3/4	497	3/4	685	3/4												
7	67	7	272	7	502	7	688	7												
1/4	70	1/4	277	1/4	506	1/4	690	1/4												
1/2	74	1/2	281	1/2	511	1/2	693	1/2												
3/4	77	3/4	286	3/4	516	3/4	695	3/4												
8	81	8	291	8	520	8	698	8												
1/4	85	1/4	296	1/4	525	1/4	700	1/4												
1/2	88	1/2	301	1/2	529	1/2	702	1/2												
3/4	92	3/4	305	3/4	534	3/4	705	3/4												
9	96	9	310	9	538	9	707	9												
1/4	100	1/4	315	1/4	542	1/4	708	1/4												
1/2	104	1/2	320	1/2	547	1/2	710	1/2												
3/4	108	3/4	325	3/4	551	3/4	712	3/4												
10	112	10	330	10	556	10	714	10												
1/4	116	1/4	334	1/4	560	1/4	715	1/4												
1/2	120	1/2	339	1/2	564	1/2	716	1/2												
3/4	124	3/4	344	3/4	569	3/4	717	3/4												
11	128	11	349	11	573	11	717	11												
1/4	132	1/4	354	1/4	577	1/4	718	1/4												
1/2	136	1/2	359	1/2	581	1/2	719	1/2												
3/4	140	3/4	363	3/4	585	3/4	720	3/4												

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

SUBMITTED BY SWS  
REPRINTED: 04/04/2014 CL  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "WEB 347"

## PORT SLOP TANK

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

CAPACITIES GIVEN IN WHOLE GALLONS		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
N	0 FT.	N	1 FT.	N	2 FT.	N	3 FT.	N	4 FT.	N	5 FT.	N	6 FT.	N	7 FT.	N	8 FT.	N	9 FT.
0	0	0	711	0	1,422	0	2,134	0	2,846	0	3,558	0	4,270	0	4,982	0	5,694	0	6,406
1/4	15	1/4	726	1/4	1,437	1/4	2,148	1/4	2,859	1/4	3,570	1/4	4,281	1/4	4,992	1/4	5,703	1/4	6,414
1/2	30	1/2	741	1/2	1,452	1/2	2,163	1/2	2,874	1/2	3,585	1/2	4,296	1/2	5,007	1/2	5,718	1/2	6,429
3/4	44	3/4	756	3/4	1,467	3/4	2,178	3/4	2,889	3/4	3,600	3/4	4,311	3/4	5,022	3/4	5,733	3/4	6,444
1	59	1	771	1	1,482	1	2,193	1	2,904	1	3,615	1	4,326	1	5,037	1	5,748	1	6,455
1/4	74	1/4	785	1/4	1,497	1/4	2,208	1/4	2,919	1/4	3,630	1/4	4,341	1/4	5,052	1/4	5,763	1/4	6,466
1/2	89	1/2	800	1/2	1,511	1/2	2,223	1/2	2,934	1/2	3,645	1/2	4,356	1/2	5,067	1/2	5,778	1/2	6,477
3/4	104	3/4	815	3/4	1,526	3/4	2,237	3/4	2,949	3/4	3,660	3/4	4,371	3/4	5,081	3/4	5,789	3/4	6,488
1	119	1	830	1	1,541	1	2,252	1	2,964	1	3,675	1	4,386	1	5,096	1	5,804	1	6,499
1/4	133	1/4	845	1/4	1,556	1/4	2,267	1/4	2,979	1/4	3,690	1/4	4,401	1/4	5,111	1/4	5,819	1/4	6,510
1/2	148	1/2	859	1/2	1,571	1/2	2,282	1/2	2,994	1/2	3,705	1/2	4,416	1/2	5,126	1/2	5,834	1/2	6,524
3/4	163	3/4	874	3/4	1,585	3/4	2,297	3/4	3,009	3/4	3,720	3/4	4,431	3/4	5,141	3/4	5,848	3/4	6,538
1	178	1	889	1	1,600	1	2,311	1	3,024	1	3,735	1	4,446	1	5,156	1	5,862	1	6,552
1/4	193	1/4	904	1/4	1,615	1/4	2,326	1/4	3,039	1/4	3,750	1/4	4,461	1/4	5,171	1/4	5,876	1/4	6,566
1/2	207	1/2	919	1/2	1,630	1/2	2,341	1/2	3,054	1/2	3,765	1/2	4,476	1/2	5,186	1/2	5,890	1/2	6,580
3/4	222	3/4	934	3/4	1,645	3/4	2,356	3/4	3,069	3/4	3,780	3/4	4,491	3/4	5,201	3/4	5,904	3/4	6,594
1	237	1	948	1	1,660	1	2,371	1	3,084	1	3,795	1	4,506	1	5,216	1	5,918	1	6,608
1/4	252	1/4	963	1/4	1,674	1/4	2,386	1/4	3,100	1/4	3,810	1/4	4,521	1/4	5,231	1/4	5,932	1/4	6,622
1/2	267	1/2	978	1/2	1,689	1/2	2,400	1/2	3,115	1/2	3,825	1/2	4,536	1/2	5,246	1/2	5,946	1/2	6,636
3/4	282	3/4	993	3/4	1,704	3/4	2,415	3/4	3,130	3/4	3,840	3/4	4,551	3/4	5,261	3/4	5,960	3/4	6,650
1	296	1	1,008	1	1,719	1	2,430	1	3,145	1	3,855	1	4,566	1	5,276	1	5,974	1	6,664
1/4	311	1/4	1,022	1/4	1,734	1/4	2,445	1/4	3,160	1/4	3,870	1/4	4,581	1/4	5,291	1/4	5,989	1/4	6,678
1/2	326	1/2	1,037	1/2	1,748	1/2	2,460	1/2	3,175	1/2	3,885	1/2	4,596	1/2	5,306	1/2	5,994	1/2	6,692
3/4	341	3/4	1,052	3/4	1,763	3/4	2,474	3/4	3,190	3/4	3,900	3/4	4,611	3/4	5,321	3/4	6,008	3/4	6,706
1	356	1	1,067	1	1,778	1	2,489	1	3,205	1	3,915	1	4,626	1	5,336	1	6,022	1	6,720
1/4	371	1/4	1,082	1/4	1,793	1/4	2,504	1/4	3,220	1/4	3,930	1/4	4,641	1/4	5,351	1/4	6,037	1/4	6,734
1/2	385	1/2	1,097	1/2	1,808	1/2	2,519	1/2	3,235	1/2	3,945	1/2	4,656	1/2	5,366	1/2	6,052	1/2	6,748
3/4	400	3/4	1,111	3/4	1,823	3/4	2,534	3/4	3,250	3/4	3,960	3/4	4,671	3/4	5,381	3/4	6,067	3/4	6,762
1	415	1	1,126	1	1,837	1	2,549	1	3,265	1	3,975	1	4,686	1	5,396	1	6,082	1	6,776
1/4	430	1/4	1,141	1/4	1,852	1/4	2,564	1/4	3,280	1/4	3,990	1/4	4,701	1/4	5,411	1/4	6,097	1/4	6,790
1/2	445	1/2	1,156	1/2	1,867	1/2	2,579	1/2	3,295	1/2	4,005	1/2	4,716	1/2	5,426	1/2	6,112	1/2	6,804
3/4	459	3/4	1,171	3/4	1,882	3/4	2,594	3/4	3,310	3/4	4,020	3/4	4,731	3/4	5,441	3/4	6,127	3/4	6,818
1	474	1	1,185	1	1,897	1	2,609	1	3,325	1	4,035	1	4,746	1	5,456	1	6,142	1	6,832
1/4	489	1/4	1,200	1/4	1,911	1/4	2,624	1/4	3,340	1/4	4,050	1/4	4,761	1/4	5,471	1/4	6,157	1/4	6,846
1/2	504	1/2	1,215	1/2	1,926	1/2	2,639	1/2	3,355	1/2	4,065	1/2	4,776	1/2	5,486	1/2	6,172	1/2	6,860
3/4	519	3/4	1,230	3/4	1,941	3/4	2,654	3/4	3,370	3/4	4,080	3/4	4,791	3/4	5,501	3/4	6,187	3/4	6,874
1	534	1	1,245	1	1,956	1	2,669	1	3,385	1	4,095	1	4,806	1	5,516	1	6,202	1	6,888
1/4	548	1/4	1,260	1/4	1,971	1/4	2,684	1/4	3,400	1/4	4,110	1/4	4,821	1/4	5,531	1/4	6,217	1/4	6,902
1/2	563	1/2	1,274	1/2	1,985	1/2	2,699	1/2	3,415	1/2	4,125	1/2	4,836	1/2	5,546	1/2	6,232	1/2	6,916
3/4	578	3/4	1,289	3/4	2,000	3/4	2,714	3/4	3,430	3/4	4,140	3/4	4,851	3/4	5,561	3/4	6,247	3/4	6,930
1	593	1	1,304	1	2,015	1	2,729	1	3,445	1	4,155	1	4,866	1	5,576	1	6,262	1	6,944
1/4	608	1/4	1,319	1/4	2,030	1/4	2,744	1/4	3,460	1/4	4,170	1/4	4,881	1/4	5,591	1/4	6,277	1/4	6,958
1/2	622	1/2	1,334	1/2	2,045	1/2	2,759	1/2	3,475	1/2	4,185	1/2	4,896	1/2	5,606	1/2	6,292	1/2	6,972
3/4	637	3/4	1,348	3/4	2,060	3/4	2,774	3/4	3,490	3/4	4,200	3/4	4,911	3/4	5,621	3/4	6,307	3/4	6,986
1	652	1	1,363	1	2,074	1	2,789	1	3,505	1	4,215	1	4,926	1	5,636	1	6,322	1	7,000
1/4	667	1/4	1,378	1/4	2,089	1/4	2,804	1/4	3,520	1/4	4,230	1/4	4,941	1/4	5,651	1/4	6,337	1/4	7,014
1/2	682	1/2	1,393	1/2	2,104	1/2	2,819	1/2	3,535	1/2	4,245	1/2	4,956	1/2	5,666	1/2	6,352	1/2	7,028
3/4	697	3/4	1,408	3/4	2,119	3/4	2,834	3/4	3,550	3/4	4,260	3/4	4,971	3/4	5,681	3/4	6,367	3/4	7,042

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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: 04/02/2014 SW  
CALCULATED: 04/03/2014 CL  
PRINTED: 04/03/2014 CL  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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



# BARGE "WEB 347"

STBD  
SLOP TANK

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

CAPACITIES GIVEN IN WHOLE GALLONS

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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: 04/02/2014 SW  
CALCULATED: 04/03/2014 CL  
PRINTED: 04/03/2014 CL  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 04/2014

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