



# BARGE "WEB 339"

## ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8
2 PORT	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-1/8	01-1/8	- 01-1/4	01-1/4
2 STBD	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-7/8	00-7/8	- 01-0/8	01-0/8	- 01-1/4	01-1/4
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 00-3/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 238'-00"

October 26, 2013

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

<http://www.pmacorp.net>



# BARGE "WEB 339"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0	7,027.88	0	6,536.11	0	6,044.48	0	5,551.67	0	5,056.67	0	4,561.46	0	4,066.36		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,017.64	1/4	6,525.86	1/4	6,034.24	1/4	5,541.35	1/4	5,046.25	1/4	4,551.15	1/4	4,056.05		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,007.40	1/2	6,515.62	1/2	6,024.00	1/2	5,531.04	1/2	5,036.94	1/2	4,540.84	1/2	4,045.73		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,997.15	3/4	6,505.38	3/4	6,013.76	3/4	5,520.72	3/4	5,025.62	3/4	4,530.52	3/4	4,035.42		
1		1		1		1	6,986.89	1	6,495.14	1	6,003.52	1	5,510.41	1	5,015.31	1	4,520.21	1	4,025.11		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,976.64	1/4	6,484.90	1/4	5,993.27	1/4	5,500.09	1/4	5,004.99	1/4	4,509.89	1/4	4,014.79		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,966.38	1/2	6,474.65	1/2	5,983.03	1/2	5,489.78	1/2	4,994.68	1/2	4,499.58	1/2	4,004.48		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,956.12	3/4	6,464.41	3/4	5,972.79	3/4	5,479.46	3/4	4,984.36	3/4	4,489.26	3/4	3,994.16		
2		2		2		2	6,945.86	2	6,454.17	2	5,962.55	2	5,469.15	2	4,974.05	2	4,478.95	2	3,983.85		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,935.60	1/4	6,443.93	1/4	5,952.31	1/4	5,458.84	1/4	4,963.73	1/4	4,468.63	1/4	3,973.53		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,925.34	1/2	6,433.68	1/2	5,942.06	1/2	5,448.52	1/2	4,953.42	1/2	4,458.32	1/2	3,963.22		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,915.08	3/4	6,423.44	3/4	5,931.82	3/4	5,438.21	3/4	4,943.11	3/4	4,448.00	3/4	3,952.90		
3		3		3		3	6,904.83	3	6,413.20	3	5,921.58	3	5,427.89	3	4,932.79	3	4,437.69	3	3,942.59		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,894.59	1/4	6,402.96	1/4	5,911.34	1/4	5,417.58	1/4	4,922.48	1/4	4,427.38	1/4	3,932.27		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,884.34	1/2	6,392.72	1/2	5,901.10	1/2	5,407.26	1/2	4,912.16	1/2	4,417.06	1/2	3,921.96		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,874.10	3/4	6,382.47	3/4	5,890.85	3/4	5,396.95	3/4	4,901.85	3/4	4,406.76	3/4	3,911.65		
4		4		4		4	6,863.85	4	6,372.23	4	5,880.61	4	5,386.63	4	4,891.53	4	4,396.43	4	3,901.33		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,853.61	1/4	6,361.99	1/4	5,870.37	1/4	5,376.32	1/4	4,881.22	1/4	4,386.12	1/4	3,891.02		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,843.37	1/2	6,351.75	1/2	5,860.13	1/2	5,366.00	1/2	4,870.90	1/2	4,375.80	1/2	3,880.70		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,833.13	3/4	6,341.51	3/4	5,849.89	3/4	5,355.69	3/4	4,860.59	3/4	4,365.49	3/4	3,870.39		
5		5		5		5	6,822.88	5	6,331.26	5	5,839.64	5	5,345.37	5	4,850.27	5	4,355.17	5	3,860.07		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,812.64	1/4	6,321.02	1/4	5,829.40	1/4	5,335.06	1/4	4,839.96	1/4	4,344.86	1/4	3,849.76		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,802.40	1/2	6,310.78	1/2	5,819.16	1/2	5,324.75	1/2	4,829.64	1/2	4,334.54	1/2	3,839.44		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,792.16	3/4	6,300.54	3/4	5,808.92	3/4	5,314.43	3/4	4,819.33	3/4	4,324.23	3/4	3,829.13		
6		6		6		6	6,781.92	6	6,290.30	6	5,798.67	6	5,304.12	6	4,809.02	6	4,313.91	6	3,818.81		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,171.25	1/4	6,771.67	1/4	6,280.05	1/4	5,788.43	1/4	5,293.80	1/4	4,798.70	1/4	4,303.60	1/4	3,808.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,170.45	1/2	6,761.43	1/2	6,269.81	1/2	5,778.19	1/2	5,283.49	1/2	4,788.39	1/2	4,293.29	1/2	3,798.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,169.66	3/4	6,751.19	3/4	6,259.57	3/4	5,767.95	3/4	5,273.17	3/4	4,778.07	3/4	4,282.97	3/4	3,787.87
7		7		7		7	7,167.06	7	6,740.95	7	6,249.33	7	5,757.71	7	5,262.86	7	4,767.76	7	4,272.66	7	3,777.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,164.46	1/4	6,730.71	1/4	6,239.08	1/4	5,747.46	1/4	5,252.54	1/4	4,757.44	1/4	4,262.34	1/4	3,767.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,161.85	1/2	6,720.46	1/2	6,228.84	1/2	5,737.22	1/2	5,242.23	1/2	4,747.13	1/2	4,252.03	1/2	3,756.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,159.25	3/4	6,710.22	3/4	6,218.60	3/4	5,726.98	3/4	5,231.91	3/4	4,736.81	3/4	4,241.71	3/4	3,746.54
8		8		8		8	7,154.57	8	6,699.98	8	6,208.36	8	5,716.67	8	5,221.60	8	4,726.50	8	4,231.40	8	3,736.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,149.90	1/4	6,689.74	1/4	6,198.12	1/4	5,706.37	1/4	5,211.28	1/4	4,716.18	1/4	4,221.08	1/4	3,725.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,145.23	1/2	6,679.50	1/2	6,187.87	1/2	5,696.06	1/2	5,200.97	1/2	4,705.87	1/2	4,210.77	1/2	3,715.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,140.56	3/4	6,669.25	3/4	6,177.63	3/4	5,685.76	3/4	5,190.66	3/4	4,695.65	3/4	4,200.45	3/4	3,705.20
9		9		9		9	7,133.82	9	6,659.01	9	6,167.39	9	5,675.44	9	5,180.34	9	4,685.24	9	4,190.14	9	3,694.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,127.09	1/4	6,648.77	1/4	6,157.15	1/4	5,665.13	1/4	5,170.03	1/4	4,674.93	1/4	4,179.82	1/4	3,684.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,120.35	1/2	6,638.53	1/2	6,146.91	1/2	5,654.81	1/2	5,159.71	1/2	4,664.61	1/2	4,169.51	1/2	3,674.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,113.61	3/4	6,628.28	3/4	6,136.66	3/4	5,644.50	3/4	5,149.40	3/4	4,654.30	3/4	4,159.20	3/4	3,663.87
10		10		10		10	7,104.81	10	6,618.04	10	6,126.42	10	5,634.18	10	5,139.08	10	4,643.98	10	4,148.88	10	3,653.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,096.00	1/4	6,607.80	1/4	6,116.18	1/4	5,623.87	1/4	5,128.77	1/4	4,633.67	1/4	4,138.57	1/4	3,643.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,087.20	1/2	6,597.56	1/2	6,105.94	1/2	5,613.55	1/2	5,118.45	1/2	4,623.35	1/2	4,128.25	1/2	3,632.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,078.40	3/4	6,587.32	3/4	6,095.70	3/4	5,603.24	3/4	5,108.14	3/4	4,613.04	3/4	4,117.94	3/4	3,622.53
11		11		11		11	7,068.33	11	6,577.07	11	6,085.45	11	5,592.92	11	5,097.82	11	4,602.72	11	4,107.62	11	3,612.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,058.26	1/4	6,566.83	1/4	6,075.21	1/4	5,582.61	1/4	5,087.51	1/4	4,592.41	1/4	4,097.31	1/4	3,601.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,048.19	1/2	6,556.59	1/2	6,064.97	1/2	5,572.30	1/2	5,077.19	1/2	4,582.09	1/2	4,086.99	1/2	3,591.53
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,038.12	3/4	6,546.35	3/4	6,054.73	3/4	5,561.98	3/4	5,066.88	3/4	4,571.78	3/4	4,076.68	3/4	3,581.20

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 30'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "WEB 339"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 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	3,570.86	0	3,074.84	0	2,578.82	0	2,082.80	0	1,586.77	0	1,091.19	0	596.28	0	168.05	0		0	
1/4	3,560.53	1/4	3,064.51	1/4	2,568.49	1/4	2,072.46	1/4	1,576.44	1/4	1,080.87	1/4	586.18	1/4	149.99	1/4		1/4	
1/2	3,550.20	1/2	3,054.17	1/2	2,558.15	1/2	2,062.13	1/2	1,566.11	1/2	1,070.56	1/2	576.08	1/2	141.94	1/2		1/2	
3/4	3,539.86	3/4	3,043.84	3/4	2,547.82	3/4	2,051.80	3/4	1,555.77	3/4	1,060.25	3/4	565.98	3/4	133.88	3/4		3/4	
1	3,529.53	1	3,033.51	1	2,537.48	1	2,041.46	1	1,545.44	1	1,049.94	1	555.04	1	126.01	1		1	
1/4	3,519.19	1/4	3,023.17	1/4	2,527.15	1/4	2,031.13	1/4	1,535.11	1/4	1,039.62	1/4	546.11	1/4	118.14	1/4		1/4	
1/2	3,508.86	1/2	3,012.84	1/2	2,516.82	1/2	2,020.79	1/2	1,524.77	1/2	1,029.31	1/2	536.18	1/2	110.27	1/2		1/2	
3/4	3,498.53	3/4	3,002.50	3/4	2,506.48	3/4	2,010.46	3/4	1,514.44	3/4	1,019.00	3/4	526.25	3/4	102.40	3/4		3/4	
2	3,488.19	2	2,992.17	2	2,496.15	2	2,000.13	2	1,504.10	2	1,008.69	2	516.48	2	94.73	2		2	
1/4	3,477.86	1/4	2,981.84	1/4	2,485.81	1/4	1,989.79	1/4	1,493.77	1/4	998.37	1/4	506.72	1/4	87.06	1/4		1/4	
1/2	3,467.53	1/2	2,971.50	1/2	2,475.48	1/2	1,979.46	1/2	1,483.44	1/2	988.06	1/2	496.96	1/2	79.39	1/2		1/2	
3/4	3,457.19	3/4	2,961.17	3/4	2,465.15	3/4	1,969.12	3/4	1,473.10	3/4	977.75	3/4	487.19	3/4	71.72	3/4		3/4	
3	3,446.86	3	2,950.84	3	2,454.81	3	1,958.79	3	1,462.77	3	967.43	3	477.60	3	64.28	3		3	
1/4	3,436.52	1/4	2,940.50	1/4	2,444.48	1/4	1,948.46	1/4	1,452.43	1/4	957.12	1/4	468.00	1/4	56.83	1/4		1/4	
1/2	3,426.19	1/2	2,930.17	1/2	2,434.15	1/2	1,938.12	1/2	1,442.10	1/2	946.81	1/2	458.41	1/2	49.39	1/2		1/2	
3/4	3,415.86	3/4	2,919.83	3/4	2,423.81	3/4	1,927.79	3/4	1,431.77	3/4	936.50	3/4	448.81	3/4	41.94	3/4		3/4	
4	3,405.52	4	2,909.50	4	2,413.48	4	1,917.46	4	1,421.43	4	926.18	4	439.39	4	36.07	4		4	
1/4	3,395.19	1/4	2,899.17	1/4	2,403.14	1/4	1,907.12	1/4	1,411.10	1/4	915.87	1/4	429.96	1/4	30.20	1/4		1/4	
1/2	3,384.86	1/2	2,888.83	1/2	2,392.81	1/2	1,896.79	1/2	1,400.77	1/2	905.56	1/2	420.53	1/2	24.33	1/2		1/2	
3/4	3,374.52	3/4	2,878.50	3/4	2,382.48	3/4	1,886.45	3/4	1,390.43	3/4	895.25	3/4	411.11	3/4	18.45	3/4		3/4	
5	3,364.19	5	2,868.17	5	2,372.14	5	1,876.12	5	1,380.10	5	884.93	5	401.85	5	15.96	5		5	
1/4	3,353.85	1/4	2,857.83	1/4	2,361.81	1/4	1,865.79	1/4	1,369.76	1/4	874.62	1/4	392.59	1/4	13.46	1/4		1/4	
1/2	3,343.52	1/2	2,847.50	1/2	2,351.48	1/2	1,855.45	1/2	1,359.43	1/2	864.31	1/2	383.34	1/2	10.97	1/2		1/2	
3/4	3,333.19	3/4	2,837.16	3/4	2,341.14	3/4	1,845.12	3/4	1,349.10	3/4	854.00	3/4	374.08	3/4	8.47	3/4		3/4	
6	3,322.85	6	2,826.83	6	2,330.81	6	1,834.79	6	1,338.76	6	843.68	6	364.99	6	6.71	6		6	
1/4	3,312.52	1/4	2,816.50	1/4	2,320.47	1/4	1,824.45	1/4	1,328.43	1/4	833.37	1/4	355.90	1/4	4.95	1/4		1/4	
1/2	3,302.19	1/2	2,806.16	1/2	2,310.14	1/2	1,814.12	1/2	1,318.10	1/2	823.06	1/2	346.81	1/2	3.18	1/2		1/2	
3/4	3,291.85	3/4	2,795.83	3/4	2,299.81	3/4	1,803.78	3/4	1,307.76	3/4	812.74	3/4	337.72	3/4	1.42	3/4		3/4	
7	3,281.52	7	2,785.49	7	2,289.47	7	1,793.45	7	1,297.45	7	802.41	7	328.80	7		7		7	
1/4	3,271.18	1/4	2,775.16	1/4	2,279.14	1/4	1,783.12	1/4	1,287.13	1/4	792.08	1/4	319.88	1/4		1/4		1/4	
1/2	3,260.85	1/2	2,764.83	1/2	2,268.80	1/2	1,772.78	1/2	1,276.82	1/2	781.75	1/2	310.96	1/2		1/2		1/2	
3/4	3,250.52	3/4	2,754.49	3/4	2,258.47	3/4	1,762.45	3/4	1,266.50	3/4	771.42	3/4	302.05	3/4		3/4		3/4	
8	3,240.18	8	2,744.16	8	2,248.14	8	1,752.11	8	1,256.19	8	761.09	8	293.29	8		8		8	
1/4	3,229.85	1/4	2,733.83	1/4	2,237.80	1/4	1,741.78	1/4	1,245.88	1/4	750.75	1/4	284.54	1/4		1/4		1/4	
1/2	3,219.51	1/2	2,723.49	1/2	2,227.47	1/2	1,731.45	1/2	1,235.57	1/2	740.42	1/2	275.79	1/2		1/2		1/2	
3/4	3,209.18	3/4	2,713.16	3/4	2,217.14	3/4	1,721.11	3/4	1,225.25	3/4	730.09	3/4	267.04	3/4		3/4		3/4	
9	3,198.85	9	2,702.82	9	2,206.80	9	1,710.78	9	1,214.94	9	719.75	9	258.46	9		9		9	
1/4	3,188.51	1/4	2,692.49	1/4	2,196.47	1/4	1,700.45	1/4	1,204.63	1/4	709.42	1/4	249.88	1/4		1/4		1/4	
1/2	3,178.18	1/2	2,682.16	1/2	2,186.13	1/2	1,690.11	1/2	1,194.31	1/2	699.09	1/2	241.30	1/2		1/2		1/2	
3/4	3,167.85	3/4	2,671.82	3/4	2,175.80	3/4	1,679.78	3/4	1,184.00	3/4	688.75	3/4	232.71	3/4		3/4		3/4	
10	3,157.51	10	2,661.49	10	2,165.47	10	1,669.44	10	1,173.69	10	678.42	10	224.30	10		10		10	
1/4	3,147.18	1/4	2,651.16	1/4	2,155.13	1/4	1,659.11	1/4	1,163.38	1/4	668.09	1/4	215.89	1/4		1/4		1/4	
1/2	3,136.84	1/2	2,640.82	1/2	2,144.80	1/2	1,648.78	1/2	1,153.06	1/2	657.75	1/2	207.48	1/2		1/2		1/2	
3/4	3,126.51	3/4	2,630.49	3/4	2,134.47	3/4	1,638.44	3/4	1,142.75	3/4	647.42	3/4	199.06	3/4		3/4		3/4	
11	3,116.18	11	2,620.15	11	2,124.13	11	1,628.11	11	1,132.44	11	637.16	11	190.82	11		11		11	
1/4	3,105.84	1/4	2,609.82	1/4	2,113.80	1/4	1,617.78	1/4	1,122.13	1/4	626.90	1/4	182.59	1/4		1/4		1/4	
1/2	3,095.51	1/2	2,599.49	1/2	2,103.46	1/2	1,607.44	1/2	1,111.81	1/2	616.64	1/2	174.35	1/2		1/2		1/2	
3/4	3,085.18	3/4	2,589.15	3/4	2,093.13	3/4	1,597.11	3/4	1,101.50	3/4	606.38	3/4	166.11	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/25/2013 SW  
CALCULATED: 10/26/2013 CL  
PRINTED: 10/26/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

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



# BARGE "WEB 339"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03"

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

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 30'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "WEB 339"

## 2 PORT ULLAGE TABLE

GAUGE HEIGHT 17'-03"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	2,060.17	0	1,774.49	0	1,488.80	0	1,203.11	0	917.43	0	639.02	0	357.02	0	71.58	0		0	
1/4	2,054.22	1/4	1,768.53	1/4	1,482.85	1/4	1,197.16	1/4	911.48	1/4	633.30	1/4	351.06	1/4	65.69	1/4		1/4	
1/2	2,048.27	1/2	1,762.58	1/2	1,476.90	1/2	1,191.21	1/2	905.52	1/2	627.57	1/2	345.11	1/2	59.80	1/2		1/2	
3/4	2,042.32	3/4	1,756.63	3/4	1,470.94	3/4	1,185.26	3/4	899.57	3/4	621.85	3/4	339.16	3/4	53.90	3/4		3/4	
1	2,036.37	1	1,750.68	1	1,464.99	1	1,179.31	1	893.62	1	616.13	1	333.21	1	48.01	1		1	
1/4	2,030.41	1/4	1,744.73	1/4	1,459.04	1/4	1,173.35	1/4	887.67	1/4	610.41	1/4	327.26	1/4	42.59	1/4		1/4	
1/2	2,024.46	1/2	1,738.78	1/2	1,453.09	1/2	1,167.40	1/2	881.72	1/2	604.69	1/2	321.31	1/2	37.18	1/2		1/2	
3/4	2,018.51	3/4	1,732.82	3/4	1,447.14	3/4	1,161.45	3/4	875.76	3/4	598.96	3/4	315.36	3/4	31.76	3/4		3/4	
2	2,012.56	2	1,726.87	2	1,441.19	2	1,155.50	2	869.81	2	593.24	2	309.40	2	26.35	2		2	
1/4	2,006.61	1/4	1,720.92	1/4	1,435.23	1/4	1,149.55	1/4	863.86	1/4	587.52	1/4	303.45	1/4	22.38	1/4		1/4	
1/2	2,000.65	1/2	1,714.97	1/2	1,429.28	1/2	1,143.60	1/2	857.91	1/2	581.80	1/2	297.50	1/2	18.41	1/2		1/2	
3/4	1,994.70	3/4	1,709.02	3/4	1,423.33	3/4	1,137.64	3/4	851.96	3/4	576.08	3/4	291.55	3/4	14.45	3/4		3/4	
3	1,988.75	3	1,703.06	3	1,417.38	3	1,131.69	3	846.01	3	570.36	3	285.60	3	10.48	3		3	
1/4	1,982.80	1/4	1,697.11	1/4	1,411.43	1/4	1,125.74	1/4	840.11	1/4	564.57	1/4	279.65	1/4		1/4		1/4	
1/2	1,976.85	1/2	1,691.16	1/2	1,405.47	1/2	1,119.79	1/2	834.21	1/2	558.79	1/2	273.69	1/2		1/2		1/2	
3/4	1,970.90	3/4	1,685.21	3/4	1,399.52	3/4	1,113.84	3/4	828.32	3/4	553.02	3/4	267.74	3/4		3/4		3/4	
4	1,964.94	4	1,679.26	4	1,393.57	4	1,107.88	4	822.42	4	547.24	4	261.79	4		4		4	
1/4	1,958.99	1/4	1,673.31	1/4	1,387.62	1/4	1,101.93	1/4	816.64	1/4	541.34	1/4	255.84	1/4		1/4		1/4	
1/2	1,953.04	1/2	1,667.35	1/2	1,381.67	1/2	1,095.98	1/2	810.86	1/2	535.45	1/2	249.89	1/2		1/2		1/2	
3/4	1,947.09	3/4	1,661.40	3/4	1,375.72	3/4	1,090.03	3/4	805.08	3/4	529.55	3/4	243.94	3/4		3/4		3/4	
5	1,941.14	5	1,655.45	5	1,369.76	5	1,084.08	5	799.29	5	523.66	5	237.99	5		5		5	
1/4	1,935.18	1/4	1,649.50	1/4	1,363.81	1/4	1,078.13	1/4	793.67	1/4	517.71	1/4	232.03	1/4		1/4		1/4	
1/2	1,929.23	1/2	1,643.55	1/2	1,357.86	1/2	1,072.17	1/2	787.84	1/2	511.75	1/2	226.08	1/2		1/2		1/2	
3/4	1,923.28	3/4	1,637.60	3/4	1,351.91	3/4	1,066.22	3/4	782.11	3/4	505.80	3/4	220.13	3/4		3/4		3/4	
6	1,917.33	6	1,631.64	6	1,345.96	6	1,060.27	6	776.39	6	499.85	6	214.18	6		6		6	
1/4	1,911.38	1/4	1,625.69	1/4	1,340.00	1/4	1,054.32	1/4	770.66	1/4	493.90	1/4	208.23	1/4		1/4		1/4	
1/2	1,905.43	1/2	1,619.74	1/2	1,334.05	1/2	1,048.37	1/2	764.93	1/2	487.95	1/2	202.28	1/2		1/2		1/2	
3/4	1,899.47	3/4	1,613.79	3/4	1,328.10	3/4	1,042.41	3/4	759.21	3/4	482.00	3/4	196.33	3/4		3/4		3/4	
7	1,893.52	7	1,607.84	7	1,322.15	7	1,036.46	7	753.48	7	476.05	7	190.37	7		7		7	
1/4	1,887.57	1/4	1,601.88	1/4	1,316.20	1/4	1,030.51	1/4	747.75	1/4	470.09	1/4	184.42	1/4		1/4		1/4	
1/2	1,881.62	1/2	1,595.93	1/2	1,310.25	1/2	1,024.56	1/2	742.03	1/2	464.14	1/2	178.47	1/2		1/2		1/2	
3/4	1,875.67	3/4	1,589.98	3/4	1,304.29	3/4	1,018.61	3/4	736.30	3/4	458.19	3/4	172.52	3/4		3/4		3/4	
8	1,869.72	8	1,584.03	8	1,298.34	8	1,012.66	8	730.58	8	452.24	8	166.57	8		8		8	
1/4	1,863.76	1/4	1,578.08	1/4	1,292.39	1/4	1,006.70	1/4	724.85	1/4	446.29	1/4	160.62	1/4		1/4		1/4	
1/2	1,857.81	1/2	1,572.13	1/2	1,286.44	1/2	1,000.75	1/2	719.13	1/2	440.34	1/2	154.67	1/2		1/2		1/2	
3/4	1,851.86	3/4	1,566.17	3/4	1,280.49	3/4	994.80	3/4	713.41	3/4	434.39	3/4	148.72	3/4		3/4		3/4	
9	1,845.91	9	1,560.22	9	1,274.54	9	988.85	9	707.68	9	428.43	9	142.77	9		9		9	
1/4	1,839.96	1/4	1,554.27	1/4	1,268.58	1/4	982.90	1/4	701.96	1/4	422.48	1/4	136.83	1/4		1/4		1/4	
1/2	1,834.00	1/2	1,548.32	1/2	1,262.63	1/2	976.95	1/2	696.24	1/2	416.53	1/2	130.88	1/2		1/2		1/2	
3/4	1,828.05	3/4	1,542.37	3/4	1,256.68	3/4	970.99	3/4	690.52	3/4	410.58	3/4	124.94	3/4		3/4		3/4	
10	1,822.10	10	1,536.41	10	1,250.73	10	965.04	10	684.80	10	404.63	10	118.99	10		10		10	
1/4	1,816.15	1/4	1,530.46	1/4	1,244.78	1/4	959.09	1/4	679.07	1/4	398.68	1/4	113.06	1/4		1/4		1/4	
1/2	1,810.20	1/2	1,524.51	1/2	1,238.82	1/2	953.14	1/2	673.35	1/2	392.72	1/2	107.13	1/2		1/2		1/2	
3/4	1,804.25	3/4	1,518.56	3/4	1,232.87	3/4	947.19	3/4	667.63	3/4	386.77	3/4	101.19	3/4		3/4		3/4	
11	1,798.29	11	1,512.61	11	1,226.92	11	941.23	11	661.91	11	380.82	11	95.26	11		11		11	
1/4	1,792.34	1/4	1,506.66	1/4	1,220.97	1/4	935.28	1/4	656.19	1/4	374.87	1/4	89.34	1/4		1/4		1/4	
1/2	1,786.39	1/2	1,500.70	1/2	1,215.02	1/2	929.33	1/2	650.46	1/2	368.92	1/2	83.42	1/2		1/2		1/2	
3/4	1,780.44	3/4	1,494.75	3/4	1,209.07	3/4	923.38	3/4	644.74	3/4	362.97	3/4	77.50	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/25/2013 SW  
CALCULATED: 10/26/2013 CL  
PRINTED: 10/26/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

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



# BARGE "WEB 339"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		
0	0	0	0	0	0	4,064.59	0	3,781.55	0	3,498.55	0	3,214.72	0	2,929.80	0	2,644.88	0	2,359.96		
1/4	1/4	1/4	1/4	1/4	1/4	4,058.69	1/4	3,775.66	1/4	3,492.66	1/4	3,208.78	1/4	2,923.87	1/4	2,638.95	1/4	2,354.03		
1/2	1/2	1/2	1/2	1/2	1/2	4,052.78	1/2	3,769.76	1/2	3,486.76	1/2	3,202.85	1/2	2,917.93	1/2	2,633.01	1/2	2,348.09		
3/4	3/4	3/4	3/4	3/4	3/4	4,046.88	3/4	3,763.87	3/4	3,480.86	3/4	3,196.91	3/4	2,911.99	3/4	2,627.08	3/4	2,342.16		
1	1	1	1	1	1	4,040.98	1	3,757.97	1	3,474.97	1	3,190.98	1	2,906.06	1	2,621.14	1	2,336.22		
1/4	1/4	1/4	1/4	1/4	1/4	4,035.08	1/4	3,752.08	1/4	3,469.07	1/4	3,185.04	1/4	2,900.12	1/4	2,615.20	1/4	2,330.29		
1/2	1/2	1/2	1/2	1/2	1/2	4,029.18	1/2	3,746.18	1/2	3,463.18	1/2	3,179.10	1/2	2,894.19	1/2	2,609.27	1/2	2,324.35		
3/4	3/4	3/4	3/4	3/4	3/4	4,023.29	3/4	3,740.28	3/4	3,457.28	3/4	3,173.17	3/4	2,888.25	3/4	2,603.33	3/4	2,318.41		
2	2	2	2	2	2	4,017.39	2	3,734.39	2	3,451.38	2	3,167.23	2	2,882.31	2	2,597.40	2	2,312.48		
1/4	1/4	1/4	1/4	1/4	1/4	4,011.49	1/4	3,728.49	1/4	3,445.49	1/4	3,161.30	1/4	2,876.38	1/4	2,591.46	1/4	2,306.54		
1/2	1/2	1/2	1/2	1/2	1/2	4,005.60	1/2	3,722.60	1/2	3,439.59	1/2	3,155.36	1/2	2,870.44	1/2	2,585.52	1/2	2,300.61		
3/4	3/4	3/4	3/4	3/4	3/4	3,999.70	3/4	3,716.70	3/4	3,433.70	3/4	3,149.43	3/4	2,864.51	3/4	2,579.59	3/4	2,294.67		
3	3	3	3	3	3	3,993.81	3	3,710.80	3	3,427.80	3	3,143.49	3	2,858.57	3	2,573.65	3	2,288.73		
1/4	1/4	1/4	1/4	1/4	1/4	3,987.91	1/4	3,704.91	1/4	3,421.90	1/4	3,137.55	1/4	2,852.64	1/4	2,567.72	1/4	2,282.80		
1/2	1/2	1/2	1/2	1/2	1/2	3,982.02	1/2	3,699.01	1/2	3,416.01	1/2	3,131.62	1/2	2,846.70	1/2	2,561.78	1/2	2,276.86		
3/4	3/4	3/4	3/4	3/4	3/4	3,976.12	3/4	3,693.12	3/4	3,410.11	3/4	3,125.68	3/4	2,840.76	3/4	2,555.85	3/4	2,270.93		
4	4	4	4	4	4	3,970.22	4	3,687.22	4	3,404.22	4	3,119.75	4	2,834.83	4	2,549.91	4	2,264.99		
1/4	1/4	1/4	1/4	1/4	1/4	3,964.33	1/4	3,681.32	1/4	3,398.32	1/4	3,113.81	1/4	2,828.89	1/4	2,543.97	1/4	2,259.06		
1/2	1/2	1/2	1/2	1/2	1/2	3,958.43	1/2	3,675.43	1/2	3,392.43	1/2	3,107.88	1/2	2,822.96	1/2	2,538.04	1/2	2,253.11		
3/4	3/4	3/4	3/4	3/4	3/4	3,952.54	3/4	3,669.53	3/4	3,386.53	3/4	3,101.94	3/4	2,817.02	3/4	2,532.10	3/4	2,247.17		
5	5	5	5	5	5	3,946.64	5	3,663.64	5	3,380.63	5	3,096.00	5	2,811.08	5	2,526.17	5	2,241.23		
1/4	1/4	1/4	1/4	1/4	1/4	3,940.74	1/4	3,657.74	1/4	3,374.74	1/4	3,090.07	1/4	2,805.15	1/4	2,520.23	1/4	2,235.29		
1/2	1/2	1/2	1/2	1/2	1/2	3,934.85	1/2	3,651.84	1/2	3,368.84	1/2	3,084.13	1/2	2,799.21	1/2	2,514.29	1/2	2,229.34		
3/4	3/4	3/4	3/4	3/4	3/4	3,928.95	3/4	3,645.95	3/4	3,362.95	3/4	3,078.20	3/4	2,793.28	3/4	2,508.36	3/4	2,223.39		
6	6	6	6	6	6	3,923.06	6	3,640.05	6	3,357.05	6	3,072.26	6	2,787.34	6	2,502.42	6	2,217.45		
1/4	1/4	1/4	1/4	1/4	1/4	3,917.16	1/4	3,634.16	1/4	3,351.15	1/4	3,066.32	1/4	2,781.41	1/4	2,496.49	1/4	2,211.50		
1/2	1/2	1/2	1/2	1/2	1/2	3,911.26	1/2	3,628.26	1/2	3,345.24	1/2	3,060.39	1/2	2,775.47	1/2	2,490.55	1/2	2,205.55		
3/4	3/4	3/4	3/4	3/4	3/4	4,171.33	3/4	3,905.37	3/4	3,622.37	3/4	3,339.33	3/4	3,054.45	3/4	2,769.53	3/4	2,484.62	3/4	2,199.61
7	7	7	7	7	7	4,168.49	7	3,899.47	7	3,616.47	7	3,333.41	7	3,048.52	7	2,763.60	7	2,478.68	7	2,193.66
1/4	1/4	1/4	1/4	1/4	1/4	4,166.64	1/4	3,893.58	1/4	3,610.57	1/4	3,327.50	1/4	3,042.58	1/4	2,757.66	1/4	2,472.74	1/4	2,187.71
1/2	1/2	1/2	1/2	1/2	1/2	4,161.61	1/2	3,887.68	1/2	3,604.68	1/2	3,321.56	1/2	3,036.66	1/2	2,751.73	1/2	2,466.81	1/2	2,181.77
3/4	3/4	3/4	3/4	3/4	3/4	4,157.56	3/4	3,881.79	3/4	3,598.78	3/4	3,315.63	3/4	3,030.71	3/4	2,745.79	3/4	2,460.87	3/4	2,175.82
8	8	8	8	8	8	4,153.55	8	3,875.89	8	3,592.89	8	3,309.69	8	3,024.77	8	2,739.86	8	2,454.94	8	2,169.88
1/4	1/4	1/4	1/4	1/4	1/4	4,149.51	1/4	3,869.99	1/4	3,586.99	1/4	3,303.76	1/4	3,018.84	1/4	2,733.92	1/4	2,449.00	1/4	2,163.93
1/2	1/2	1/2	1/2	1/2	1/2	4,144.38	1/2	3,864.10	1/2	3,581.09	1/2	3,297.82	1/2	3,012.90	1/2	2,727.98	1/2	2,443.07	1/2	2,157.98
3/4	3/4	3/4	3/4	3/4	3/4	4,139.24	3/4	3,858.20	3/4	3,575.20	3/4	3,291.88	3/4	3,006.97	3/4	2,722.05	3/4	2,437.13	3/4	2,152.04
9	9	9	9	9	9	4,134.10	9	3,852.31	9	3,569.30	9	3,285.95	9	3,001.03	9	2,716.11	9	2,431.19	9	2,146.09
1/4	1/4	1/4	1/4	1/4	1/4	4,128.96	1/4	3,846.41	1/4	3,563.41	1/4	3,280.01	1/4	2,995.09	1/4	2,710.18	1/4	2,425.26	1/4	2,140.14
1/2	1/2	1/2	1/2	1/2	1/2	4,123.19	1/2	3,840.51	1/2	3,557.51	1/2	3,274.08	1/2	2,989.16	1/2	2,704.24	1/2	2,419.32	1/2	2,134.20
3/4	3/4	3/4	3/4	3/4	3/4	4,117.42	3/4	3,834.62	3/4	3,551.61	3/4	3,268.14	3/4	2,983.22	3/4	2,698.30	3/4	2,413.39	3/4	2,128.25
10	10	10	10	10	10	4,111.66	10	3,828.72	10	3,545.72	10	3,262.21	10	2,977.29	10	2,692.37	10	2,407.45	10	2,122.31
1/4	1/4	1/4	1/4	1/4	1/4	4,105.89	1/4	3,822.83	1/4	3,539.82	1/4	3,256.27	1/4	2,971.36	1/4	2,686.43	1/4	2,401.51	1/4	2,116.36
1/2	1/2	1/2	1/2	1/2	1/2	4,099.99	1/2	3,816.93	1/2	3,533.93	1/2	3,250.33	1/2	2,965.42	1/2	2,680.50	1/2	2,395.58	1/2	2,110.41
3/4	3/4	3/4	3/4	3/4	3/4	4,094.09	3/4	3,811.03	3/4	3,528.03	3/4	3,244.40	3/4	2,959.48	3/4	2,674.56	3/4	2,389.64	3/4	2,104.47
11	11	11	11	11	11	4,088.20	11	3,805.14	11	3,522.14	11	3,238.46	11	2,953.54	11	2,668.63	11	2,383.71	11	2,098.52
1/4	1/4	1/4	1/4	1/4	1/4	4,082.30	1/4	3,799.24	1/4	3,516.24	1/4	3,232.53	1/4	2,947.61	1/4	2,662.69	1/4	2,377.77	1/4	2,092.57
1/2	1/2	1/2	1/2	1/2	1/2	4,076.40	1/2	3,793.35	1/2	3,510.34	1/2	3,226.59	1/2	2,941.67	1/2	2,656.75	1/2	2,371.84	1/2	2,086.63
3/4	3/4	3/4	3/4	3/4	3/4	4,070.49	3/4	3,787.45	3/4	3,504.45	3/4	3,220.66	3/4	2,935.74	3/4	2,650.82	3/4	2,365.90	3/4	2,080.68

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 30'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "WEB 339"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,074.74	0	1,789.31	0	1,503.89	0	1,218.47	0	933.05	0	647.83	0	362.64	0	77.43	0		0	
1/4	2,068.79	1/4	1,783.37	1/4	1,497.94	1/4	1,212.52	1/4	927.10	1/4	641.89	1/4	356.69	1/4	71.52	1/4		1/4	
1/2	2,062.84	1/2	1,777.42	1/2	1,492.00	1/2	1,206.58	1/2	921.16	1/2	635.96	1/2	350.75	1/2	65.63	1/2		1/2	
3/4	2,056.90	3/4	1,771.47	3/4	1,486.05	3/4	1,200.63	3/4	915.21	3/4	630.03	3/4	344.80	3/4	59.74	3/4		3/4	
1	2,050.95	1	1,765.53	1	1,480.11	1	1,194.68	1	909.26	1	624.09	1	338.85	1	53.86	1		1	
1/4	2,045.00	1/4	1,759.58	1/4	1,474.16	1/4	1,188.74	1/4	903.31	1/4	618.16	1/4	332.91	1/4	47.97	1/4		1/4	
1/2	2,039.06	1/2	1,753.63	1/2	1,468.21	1/2	1,182.79	1/2	897.37	1/2	612.23	1/2	326.96	1/2	42.56	1/2		1/2	
3/4	2,033.11	3/4	1,747.69	3/4	1,462.27	3/4	1,176.84	3/4	891.42	3/4	606.29	3/4	321.01	3/4	37.14	3/4		3/4	
2	2,027.16	2	1,741.74	2	1,456.32	2	1,170.90	2	885.48	2	600.36	2	315.07	2	31.73	2		2	
1/4	2,021.22	1/4	1,735.80	1/4	1,450.37	1/4	1,164.95	1/4	879.53	1/4	594.43	1/4	309.12	1/4	26.32	1/4		1/4	
1/2	2,015.27	1/2	1,729.85	1/2	1,444.43	1/2	1,159.00	1/2	873.58	1/2	588.50	1/2	303.18	1/2	22.36	1/2		1/2	
3/4	2,009.33	3/4	1,723.90	3/4	1,438.48	3/4	1,153.06	3/4	867.64	3/4	582.56	3/4	297.23	3/4	18.40	3/4		3/4	
3	2,003.38	3	1,717.96	3	1,432.53	3	1,147.11	3	861.69	3	576.63	3	291.28	3	14.44	3		3	
1/4	1,997.43	1/4	1,712.01	1/4	1,426.59	1/4	1,141.17	1/4	855.74	1/4	570.70	1/4	285.34	1/4	10.47	1/4		1/4	
1/2	1,991.49	1/2	1,706.06	1/2	1,420.64	1/2	1,135.22	1/2	849.80	1/2	564.76	1/2	279.39	1/2		1/2		1/2	
3/4	1,985.54	3/4	1,700.12	3/4	1,414.70	3/4	1,129.27	3/4	843.85	3/4	558.83	3/4	273.45	3/4		3/4		3/4	
4	1,979.59	4	1,694.17	4	1,408.75	4	1,123.33	4	837.90	4	552.89	4	267.50	4		4		4	
1/4	1,973.65	1/4	1,688.23	1/4	1,402.80	1/4	1,117.38	1/4	831.96	1/4	546.95	1/4	261.55	1/4		1/4		1/4	
1/2	1,967.70	1/2	1,682.28	1/2	1,396.86	1/2	1,111.43	1/2	826.01	1/2	541.01	1/2	255.61	1/2		1/2		1/2	
3/4	1,961.76	3/4	1,676.33	3/4	1,390.91	3/4	1,105.49	3/4	820.07	3/4	535.07	3/4	249.66	3/4		3/4		3/4	
5	1,955.81	5	1,670.39	5	1,384.96	5	1,099.54	5	814.12	5	529.12	5	243.72	5		5		5	
1/4	1,949.86	1/4	1,664.44	1/4	1,379.02	1/4	1,093.60	1/4	808.17	1/4	523.18	1/4	237.77	1/4		1/4		1/4	
1/2	1,943.92	1/2	1,658.49	1/2	1,373.07	1/2	1,087.65	1/2	802.23	1/2	517.24	1/2	231.82	1/2		1/2		1/2	
3/4	1,937.97	3/4	1,652.55	3/4	1,367.13	3/4	1,081.70	3/4	796.28	3/4	511.29	3/4	225.88	3/4		3/4		3/4	
6	1,932.02	6	1,646.60	6	1,361.18	6	1,075.76	6	790.33	6	505.34	6	219.93	6		6		6	
1/4	1,926.08	1/4	1,640.66	1/4	1,355.23	1/4	1,069.81	1/4	784.39	1/4	499.40	1/4	213.98	1/4		1/4		1/4	
1/2	1,920.13	1/2	1,634.71	1/2	1,349.29	1/2	1,063.86	1/2	778.44	1/2	493.45	1/2	208.04	1/2		1/2		1/2	
3/4	1,914.18	3/4	1,628.76	3/4	1,343.34	3/4	1,057.92	3/4	772.50	3/4	487.51	3/4	202.09	3/4		3/4		3/4	
7	1,908.24	7	1,622.82	7	1,337.39	7	1,051.97	7	766.55	7	481.56	7	196.15	7		7		7	
1/4	1,902.29	1/4	1,616.87	1/4	1,331.45	1/4	1,046.03	1/4	760.60	1/4	475.61	1/4	190.20	1/4		1/4		1/4	
1/2	1,896.35	1/2	1,610.92	1/2	1,325.50	1/2	1,040.08	1/2	754.66	1/2	469.67	1/2	184.25	1/2		1/2		1/2	
3/4	1,890.40	3/4	1,604.98	3/4	1,319.55	3/4	1,034.13	3/4	748.72	3/4	463.72	3/4	178.31	3/4		3/4		3/4	
8	1,884.45	8	1,599.03	8	1,313.61	8	1,028.19	8	742.77	8	457.77	8	172.36	8		8		8	
1/4	1,878.51	1/4	1,593.08	1/4	1,307.66	1/4	1,022.24	1/4	736.83	1/4	451.83	1/4	166.42	1/4		1/4		1/4	
1/2	1,872.56	1/2	1,587.14	1/2	1,301.72	1/2	1,016.29	1/2	730.90	1/2	445.88	1/2	160.47	1/2		1/2		1/2	
3/4	1,866.61	3/4	1,581.19	3/4	1,295.77	3/4	1,010.35	3/4	724.96	3/4	439.94	3/4	154.53	3/4		3/4		3/4	
9	1,860.67	9	1,575.25	9	1,289.82	9	1,004.40	9	719.02	9	433.99	9	148.59	9		9		9	
1/4	1,854.72	1/4	1,569.30	1/4	1,283.88	1/4	998.45	1/4	713.09	1/4	428.04	1/4	142.64	1/4		1/4		1/4	
1/2	1,848.78	1/2	1,563.35	1/2	1,277.93	1/2	992.51	1/2	707.15	1/2	422.10	1/2	136.70	1/2		1/2		1/2	
3/4	1,842.83	3/4	1,557.41	3/4	1,271.98	3/4	986.56	3/4	701.22	3/4	416.15	3/4	130.76	3/4		3/4		3/4	
10	1,836.88	10	1,551.46	10	1,266.04	10	980.62	10	695.29	10	410.21	10	124.83	10		10		10	
1/4	1,830.94	1/4	1,545.51	1/4	1,260.09	1/4	974.67	1/4	689.36	1/4	404.26	1/4	118.89	1/4		1/4		1/4	
1/2	1,824.99	1/2	1,539.57	1/2	1,254.15	1/2	968.72	1/2	683.42	1/2	398.31	1/2	112.96	1/2		1/2		1/2	
3/4	1,819.04	3/4	1,533.62	3/4	1,248.20	3/4	962.78	3/4	677.49	3/4	392.37	3/4	107.03	3/4		3/4		3/4	
11	1,813.10	11	1,527.68	11	1,242.25	11	956.83	11	671.56	11	386.42	11	101.10	11		11		11	
1/4	1,807.15	1/4	1,521.73	1/4	1,236.31	1/4	950.88	1/4	665.62	1/4	380.48	1/4	95.17	1/4		1/4		1/4	
1/2	1,801.21	1/2	1,515.78	1/2	1,230.36	1/2	944.94	1/2	659.69	1/2	374.53	1/2	89.26	1/2		1/2		1/2	
3/4	1,795.26	3/4	1,509.84	3/4	1,224.41	3/4	938.99	3/4	653.76	3/4	368.58	3/4	83.34	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/25/2013 SW  
CALCULATED: 10/26/2013 CL  
PRINTED: 10/26/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

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



# BARGE "WEB 339"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0		0		0	4,390.36	0	4,083.75	0	3,777.18	0	3,469.77	0	3,161.28	0	2,852.80	0	2,544.32		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,383.96	1/4	4,077.37	1/4	3,770.80	1/4	3,463.34	1/4	3,154.86	1/4	2,846.38	1/4	2,537.89		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,377.57	1/2	4,070.98	1/2	3,764.41	1/2	3,456.91	1/2	3,148.43	1/2	2,839.95	1/2	2,531.47		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,371.18	3/4	4,064.59	3/4	3,758.02	3/4	3,450.49	3/4	3,142.00	3/4	2,833.52	3/4	2,525.04		
1		1		1		1	4,364.78	1	4,058.21	1	3,751.63	1	3,444.06	1	3,135.58	1	2,827.10	1	2,518.61		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,358.39	1/4	4,051.82	1/4	3,745.25	1/4	3,437.63	1/4	3,129.15	1/4	2,820.67	1/4	2,512.19		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,352.00	1/2	4,045.43	1/2	3,738.86	1/2	3,431.21	1/2	3,122.72	1/2	2,814.24	1/2	2,505.76		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,345.62	3/4	4,039.04	3/4	3,732.47	3/4	3,424.78	3/4	3,116.30	3/4	2,807.82	3/4	2,499.33		
2		2		2		2	4,339.23	2	4,032.66	2	3,726.09	2	3,418.35	2	3,109.87	2	2,801.39	2	2,492.91		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,332.84	1/4	4,026.27	1/4	3,719.70	1/4	3,411.93	1/4	3,103.44	1/4	2,794.96	1/4	2,486.48		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,326.46	1/2	4,019.88	1/2	3,713.31	1/2	3,405.50	1/2	3,097.02	1/2	2,788.54	1/2	2,480.05		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,320.07	3/4	4,013.50	3/4	3,706.93	3/4	3,399.07	3/4	3,090.59	3/4	2,782.11	3/4	2,473.63		
3		3		3		3	4,313.68	3	4,007.11	3	3,700.54	3	3,392.65	3	3,084.16	3	2,775.68	3	2,467.20		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,307.29	1/4	4,000.72	1/4	3,694.15	1/4	3,386.22	1/4	3,077.74	1/4	2,769.26	1/4	2,460.77		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,300.91	1/2	3,994.34	1/2	3,687.77	1/2	3,379.79	1/2	3,071.31	1/2	2,762.83	1/2	2,454.35		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,294.52	3/4	3,987.96	3/4	3,681.38	3/4	3,373.37	3/4	3,064.88	3/4	2,756.40	3/4	2,447.92		
4		4		4		4	4,288.13	4	3,981.56	4	3,674.99	4	3,366.94	4	3,058.46	4	2,749.98	4	2,441.49		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,281.75	1/4	3,975.18	1/4	3,668.60	1/4	3,360.51	1/4	3,052.03	1/4	2,743.55	1/4	2,435.07		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,275.36	1/2	3,968.79	1/2	3,662.22	1/2	3,354.09	1/2	3,045.60	1/2	2,737.12	1/2	2,428.63		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,268.97	3/4	3,962.40	3/4	3,655.83	3/4	3,347.66	3/4	3,039.18	3/4	2,730.70	3/4	2,422.20		
5		5		5		5	4,262.59	5	3,956.02	5	3,649.44	5	3,341.23	5	3,032.75	5	2,724.27	5	2,415.77		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,256.20	1/4	3,949.63	1/4	3,643.06	1/4	3,334.81	1/4	3,026.32	1/4	2,717.84	1/4	2,409.33		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,249.81	1/2	3,943.24	1/2	3,636.67	1/2	3,328.38	1/2	3,019.90	1/2	2,711.42	1/2	2,402.90		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,243.43	3/4	3,936.86	3/4	3,630.28	3/4	3,321.95	3/4	3,013.47	3/4	2,704.99	3/4	2,396.46		
6		6		6		6	4,237.04	6	3,930.47	6	3,623.90	6	3,315.52	6	3,007.04	6	2,698.56	6	2,390.02		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,230.65	1/4	3,924.08	1/4	3,617.51	1/4	3,309.10	1/4	3,000.62	1/4	2,692.14	1/4	2,383.58		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,224.26	1/2	3,917.69	1/2	3,611.10	1/2	3,302.67	1/2	2,994.19	1/2	2,685.71	1/2	2,377.15		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,217.88	3/4	3,911.31	3/4	3,604.69	3/4	3,296.24	3/4	2,987.76	3/4	2,679.28	3/4	2,370.71		
7		7		7		7	4,502.98	7	4,211.49	7	3,904.92	7	3,598.28	7	3,289.82	7	2,981.34	7	2,672.85	7	2,364.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,499.89	1/4	4,205.10	1/4	3,898.53	1/4	3,591.87	1/4	3,283.39	1/4	2,974.91	1/4	2,666.43	1/4	2,357.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,495.51	1/2	4,198.72	1/2	3,892.15	1/2	3,585.45	1/2	3,276.96	1/2	2,968.48	1/2	2,660.00	1/2	2,351.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,491.14	3/4	4,192.33	3/4	3,885.76	3/4	3,579.02	3/4	3,270.54	3/4	2,962.06	3/4	2,653.57	3/4	2,344.96
8		8		8		8	4,486.76	8	4,185.94	8	3,879.37	8	3,572.59	8	3,264.11	8	2,955.63	8	2,647.15	8	2,338.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,482.39	1/4	4,179.56	1/4	3,872.99	1/4	3,566.17	1/4	3,257.68	1/4	2,949.20	1/4	2,640.72	1/4	2,332.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,477.99	1/2	4,173.17	1/2	3,866.60	1/2	3,559.74	1/2	3,251.26	1/2	2,942.78	1/2	2,634.29	1/2	2,325.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,473.59	3/4	4,166.78	3/4	3,860.21	3/4	3,553.31	3/4	3,244.83	3/4	2,936.35	3/4	2,627.87	3/4	2,319.21
9		9		9		9	4,469.19	9	4,160.39	9	3,853.82	9	3,546.89	9	3,238.40	9	2,929.92	9	2,621.44	9	2,312.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,464.79	1/4	4,154.01	1/4	3,847.44	1/4	3,540.46	1/4	3,231.98	1/4	2,923.50	1/4	2,615.01	1/4	2,306.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,460.39	1/2	4,147.62	1/2	3,841.05	1/2	3,534.03	1/2	3,225.55	1/2	2,917.07	1/2	2,608.59	1/2	2,299.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,455.99	3/4	4,141.24	3/4	3,834.66	3/4	3,527.61	3/4	3,219.12	3/4	2,910.64	3/4	2,602.16	3/4	2,293.46
10		10		10		10	4,451.59	10	4,134.85	10	3,828.28	10	3,521.18	10	3,212.70	10	2,904.22	10	2,595.73	10	2,287.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,447.19	1/4	4,128.46	1/4	3,821.89	1/4	3,514.75	1/4	3,206.27	1/4	2,897.79	1/4	2,589.31	1/4	2,280.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,442.79	1/2	4,122.07	1/2	3,815.50	1/2	3,508.33	1/2	3,199.84	1/2	2,891.36	1/2	2,582.88	1/2	2,274.15
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,438.39	3/4	4,115.69	3/4	3,809.12	3/4	3,501.90	3/4	3,193.42	3/4	2,884.94	3/4	2,576.45	3/4	2,267.71
11		11		11		11	4,433.99	11	4,109.30	11	3,802.73	11	3,495.47	11	3,186.99	11	2,878.51	11	2,570.03	11	2,261.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,429.59	1/4	4,102.91	1/4	3,796.34	1/4	3,489.05	1/4	3,180.56	1/4	2,872.08	1/4	2,563.60	1/4	2,254.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,425.19	1/2	4,096.53	1/2	3,789.96	1/2	3,482.62	1/2	3,174.14	1/2	2,865.66	1/2	2,557.17	1/2	2,248.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,420.79	3/4	4,090.14	3/4	3,783.57	3/4	3,476.19	3/4	3,167.71	3/4	2,859.23	3/4	2,550.75	3/4	2,241.96

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'-00" FORWARD OF AFT BULKHEAD.

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





# BARGE "WEB 339"

## 3 PORT 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	2,235.53	0	1,926.54	0	1,617.55	0	1,308.55	0	999.56	0	697.62	0	392.54	0	83.78	0		0	
1/4	2,229.09	1/4	1,920.10	1/4	1,611.11	1/4	1,302.12	1/4	993.13	1/4	691.41	1/4	386.10	1/4	77.38	1/4		1/4	
1/2	2,222.65	1/2	1,913.66	1/2	1,604.67	1/2	1,295.68	1/2	986.69	1/2	685.20	1/2	379.66	1/2	71.00	1/2		1/2	
3/4	2,216.21	3/4	1,907.22	3/4	1,598.23	3/4	1,289.24	3/4	980.25	3/4	679.00	3/4	373.22	3/4	64.63	3/4		3/4	
1	2,209.78	1	1,900.79	1	1,591.80	1	1,282.81	1	973.82	1	672.79	1	366.79	1	58.26	1		1	
1/4	2,203.34	1/4	1,894.35	1/4	1,585.36	1/4	1,276.37	1/4	967.38	1/4	666.58	1/4	360.35	1/4	51.88	1/4		1/4	
1/2	2,196.90	1/2	1,887.91	1/2	1,578.92	1/2	1,269.93	1/2	960.94	1/2	660.37	1/2	353.91	1/2	46.02	1/2		1/2	
3/4	2,190.46	3/4	1,881.47	3/4	1,572.48	3/4	1,263.49	3/4	954.50	3/4	654.16	3/4	347.48	3/4	40.17	3/4		3/4	
2	2,184.03	2	1,875.04	2	1,566.05	2	1,257.06	2	948.07	2	647.96	2	341.04	2	34.31	2		2	
1/4	2,177.59	1/4	1,868.60	1/4	1,559.61	1/4	1,250.62	1/4	941.63	1/4	641.75	1/4	334.60	1/4	28.45	1/4		1/4	
1/2	2,171.15	1/2	1,862.16	1/2	1,553.17	1/2	1,244.18	1/2	935.19	1/2	635.54	1/2	328.16	1/2	24.16	1/2		1/2	
3/4	2,164.72	3/4	1,855.73	3/4	1,546.73	3/4	1,237.74	3/4	928.75	3/4	629.33	3/4	321.73	3/4	19.87	3/4		3/4	
3	2,158.28	3	1,849.29	3	1,540.30	3	1,231.31	3	922.32	3	623.12	3	315.29	3	15.58	3		3	
1/4	2,151.84	1/4	1,842.85	1/4	1,533.86	1/4	1,224.87	1/4	915.88	1/4	616.92	1/4	308.85	1/4	11.29	1/4		1/4	
1/2	2,145.40	1/2	1,836.41	1/2	1,527.42	1/2	1,218.43	1/2	909.50	1/2	610.65	1/2	302.42	1/2		1/2		1/2	
3/4	2,138.97	3/4	1,829.98	3/4	1,520.99	3/4	1,212.00	3/4	903.12	3/4	604.39	3/4	295.98	3/4		3/4		3/4	
4	2,132.53	4	1,823.54	4	1,514.55	4	1,205.56	4	896.74	4	598.12	4	289.54	4		4		4	
1/4	2,126.09	1/4	1,817.10	1/4	1,508.11	1/4	1,199.12	1/4	890.36	1/4	591.86	1/4	283.11	1/4		1/4		1/4	
1/2	2,119.65	1/2	1,810.66	1/2	1,501.67	1/2	1,192.68	1/2	884.09	1/2	585.48	1/2	276.67	1/2		1/2		1/2	
3/4	2,113.22	3/4	1,804.23	3/4	1,495.24	3/4	1,186.25	3/4	877.82	3/4	579.10	3/4	270.23	3/4		3/4		3/4	
5	2,106.78	5	1,797.79	5	1,488.80	5	1,179.81	5	871.55	5	572.72	5	263.79	5		5		5	
1/4	2,100.34	1/4	1,791.35	1/4	1,482.36	1/4	1,173.37	1/4	865.28	1/4	566.34	1/4	257.36	1/4		1/4		1/4	
1/2	2,093.91	1/2	1,784.91	1/2	1,475.92	1/2	1,166.93	1/2	859.07	1/2	559.90	1/2	250.92	1/2		1/2		1/2	
3/4	2,087.47	3/4	1,778.48	3/4	1,469.49	3/4	1,160.50	3/4	852.86	3/4	553.46	3/4	244.48	3/4		3/4		3/4	
6	2,081.03	6	1,772.04	6	1,463.05	6	1,154.06	6	846.64	6	547.03	6	238.05	6		6		6	
1/4	2,074.59	1/4	1,765.60	1/4	1,456.61	1/4	1,147.62	1/4	840.43	1/4	540.59	1/4	231.61	1/4		1/4		1/4	
1/2	2,068.16	1/2	1,759.17	1/2	1,450.18	1/2	1,141.18	1/2	834.22	1/2	534.15	1/2	225.17	1/2		1/2		1/2	
3/4	2,061.72	3/4	1,752.73	3/4	1,443.74	3/4	1,134.75	3/4	828.01	3/4	527.71	3/4	218.73	3/4		3/4		3/4	
7	2,055.28	7	1,746.29	7	1,437.30	7	1,128.31	7	821.80	7	521.28	7	212.30	7		7		7	
1/4	2,048.84	1/4	1,739.85	1/4	1,430.86	1/4	1,121.87	1/4	815.58	1/4	514.84	1/4	205.86	1/4		1/4		1/4	
1/2	2,042.41	1/2	1,733.42	1/2	1,424.43	1/2	1,115.44	1/2	809.37	1/2	508.40	1/2	199.42	1/2		1/2		1/2	
3/4	2,035.97	3/4	1,726.98	3/4	1,417.99	3/4	1,109.00	3/4	803.16	3/4	501.97	3/4	192.99	3/4		3/4		3/4	
8	2,029.53	8	1,720.54	8	1,411.55	8	1,102.66	8	796.95	8	495.53	8	186.55	8		8		8	
1/4	2,023.10	1/4	1,714.10	1/4	1,405.11	1/4	1,096.12	1/4	790.74	1/4	489.09	1/4	180.11	1/4		1/4		1/4	
1/2	2,016.66	1/2	1,707.67	1/2	1,398.68	1/2	1,089.69	1/2	784.53	1/2	482.66	1/2	173.68	1/2		1/2		1/2	
3/4	2,010.22	3/4	1,701.23	3/4	1,392.24	3/4	1,083.25	3/4	778.32	3/4	476.22	3/4	167.24	3/4		3/4		3/4	
9	2,003.78	9	1,694.79	9	1,385.80	9	1,076.81	9	772.11	9	469.78	9	160.81	9		9		9	
1/4	1,997.35	1/4	1,688.36	1/4	1,379.37	1/4	1,070.37	1/4	765.90	1/4	463.34	1/4	154.37	1/4		1/4		1/4	
1/2	1,990.91	1/2	1,681.92	1/2	1,372.93	1/2	1,063.94	1/2	759.70	1/2	456.91	1/2	147.94	1/2		1/2		1/2	
3/4	1,984.47	3/4	1,675.48	3/4	1,366.49	3/4	1,057.50	3/4	753.49	3/4	450.47	3/4	141.52	3/4		3/4		3/4	
10	1,978.03	10	1,669.04	10	1,360.05	10	1,051.06	10	747.28	10	444.03	10	135.09	10		10		10	
1/4	1,971.60	1/4	1,662.61	1/4	1,353.62	1/4	1,044.63	1/4	741.07	1/4	437.60	1/4	128.66	1/4		1/4		1/4	
1/2	1,965.16	1/2	1,656.17	1/2	1,347.18	1/2	1,038.19	1/2	734.87	1/2	431.16	1/2	122.24	1/2		1/2		1/2	
3/4	1,958.72	3/4	1,649.73	3/4	1,340.74	3/4	1,031.75	3/4	728.66	3/4	424.72	3/4	115.82	3/4		3/4		3/4	
11	1,952.28	11	1,643.29	11	1,334.30	11	1,025.31	11	722.45	11	418.28	11	109.40	11		11		11	
1/4	1,945.85	1/4	1,636.86	1/4	1,327.87	1/4	1,018.88	1/4	716.24	1/4	411.85	1/4	102.98	1/4		1/4		1/4	
1/2	1,939.41	1/2	1,630.42	1/2	1,321.43	1/2	1,012.44	1/2	710.03	1/2	405.41	1/2	96.58	1/2		1/2		1/2	
3/4	1,932.97	3/4	1,623.98	3/4	1,314.99	3/4	1,006.00	3/4	703.83	3/4	398.97	3/4	90.18	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/25/2013 SW  
CALCULATED: 10/26/2013 CL  
PRINTED: 10/26/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

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



# BARGE "WEB 339"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

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	4,410.99	0	4,104.11	0	3,797.28	0	3,489.66	0	3,180.92	0	2,872.17	0	2,563.42
1/4		1/4		1/4		1/4	4,404.59	1/4	4,097.72	1/4	3,790.89	1/4	3,483.23	1/4	3,174.48	1/4	2,865.74	1/4	2,556.99
1/2		1/2		1/2		1/2	4,398.19	1/2	4,091.33	1/2	3,784.50	1/2	3,476.80	1/2	3,166.05	1/2	2,859.31	1/2	2,550.56
3/4		3/4		3/4		3/4	4,391.79	3/4	4,084.94	3/4	3,778.11	3/4	3,470.36	3/4	3,157.62	3/4	2,852.87	3/4	2,544.13
1		1		1		1	4,385.39	1	4,078.55	1	3,771.71	1	3,463.93	1	3,150.19	1	2,846.44	1	2,537.70
1/4		1/4		1/4		1/4	4,378.99	1/4	4,072.15	1/4	3,765.32	1/4	3,457.50	1/4	3,142.75	1/4	2,840.01	1/4	2,531.26
1/2		1/2		1/2		1/2	4,372.59	1/2	4,065.76	1/2	3,758.93	1/2	3,451.07	1/2	3,132.32	1/2	2,833.58	1/2	2,524.83
3/4		3/4		3/4		3/4	4,366.20	3/4	4,059.37	3/4	3,752.54	3/4	3,444.64	3/4	3,123.89	3/4	2,827.14	3/4	2,518.40
2		2		2		2	4,359.81	2	4,052.98	2	3,746.15	2	3,438.20	2	3,115.46	2	2,820.71	2	2,511.97
1/4		1/4		1/4		1/4	4,353.41	1/4	4,046.58	1/4	3,739.75	1/4	3,431.77	1/4	3,107.03	1/4	2,814.28	1/4	2,505.53
1/2		1/2		1/2		1/2	4,347.02	1/2	4,040.19	1/2	3,733.36	1/2	3,425.34	1/2	3,116.59	1/2	2,807.85	1/2	2,499.10
3/4		3/4		3/4		3/4	4,340.63	3/4	4,033.80	3/4	3,726.97	3/4	3,418.91	3/4	3,110.16	3/4	2,801.42	3/4	2,492.67
3		3		3		3	4,334.24	3	4,027.41	3	3,720.58	3	3,412.47	3	3,103.73	3	2,794.98	3	2,486.24
1/4		1/4		1/4		1/4	4,327.85	1/4	4,021.01	1/4	3,714.18	1/4	3,406.04	1/4	3,097.30	1/4	2,788.55	1/4	2,479.81
1/2		1/2		1/2		1/2	4,321.45	1/2	4,014.62	1/2	3,707.79	1/2	3,399.61	1/2	3,090.86	1/2	2,782.12	1/2	2,473.37
3/4		3/4		3/4		3/4	4,315.06	3/4	4,008.23	3/4	3,701.40	3/4	3,393.18	3/4	3,084.43	3/4	2,775.69	3/4	2,466.94
4		4		4		4	4,308.67	4	4,001.84	4	3,695.01	4	3,386.75	4	3,078.00	4	2,769.25	4	2,460.51
1/4		1/4		1/4		1/4	4,302.28	1/4	3,995.45	1/4	3,688.61	1/4	3,380.31	1/4	3,071.57	1/4	2,762.82	1/4	2,454.08
1/2		1/2		1/2		1/2	4,295.88	1/2	3,989.05	1/2	3,682.22	1/2	3,373.88	1/2	3,065.14	1/2	2,756.39	1/2	2,447.64
3/4		3/4		3/4		3/4	4,289.49	3/4	3,982.66	3/4	3,675.83	3/4	3,367.45	3/4	3,058.70	3/4	2,749.96	3/4	2,441.20
5		5		5		5	4,283.10	5	3,976.27	5	3,669.44	5	3,361.02	5	3,052.27	5	2,743.53	5	2,434.76
1/4		1/4		1/4		1/4	4,276.71	1/4	3,969.88	1/4	3,663.05	1/4	3,354.58	1/4	3,045.84	1/4	2,737.09	1/4	2,428.32
1/2		1/2		1/2		1/2	4,270.31	1/2	3,963.48	1/2	3,656.65	1/2	3,348.15	1/2	3,039.41	1/2	2,730.66	1/2	2,421.88
3/4		3/4		3/4		3/4	4,263.92	3/4	3,957.09	3/4	3,650.26	3/4	3,341.72	3/4	3,032.97	3/4	2,724.23	3/4	2,415.44
6		6		6		6	4,257.53	6	3,950.70	6	3,643.87	6	3,335.29	6	3,026.54	6	2,717.80	6	2,409.00
1/4		1/4		1/4		1/4	4,251.14	1/4	3,944.31	1/4	3,637.48	1/4	3,328.86	1/4	3,020.11	1/4	2,711.36	1/4	2,402.55
1/2		1/2		1/2		1/2	4,244.75	1/2	3,937.91	1/2	3,631.08	1/2	3,322.42	1/2	3,013.68	1/2	2,704.93	1/2	2,396.11
3/4		3/4		3/4		3/4	4,238.35	3/4	3,931.52	3/4	3,624.67	3/4	3,315.99	3/4	3,007.25	3/4	2,698.50	3/4	2,389.67
7		7		7	4,520.39	7	4,231.96	7	3,925.13	7	3,618.28	7	3,309.58	7	3,000.81	7	2,692.07	7	2,383.23
1/4		1/4		1/4	4,514.21	1/4	4,225.57	1/4	3,918.74	1/4	3,611.85	1/4	3,303.13	1/4	2,994.38	1/4	2,685.54	1/4	2,376.78
1/2		1/2		1/2	4,509.83	1/2	4,219.18	1/2	3,912.35	1/2	3,605.44	1/2	3,296.69	1/2	2,987.95	1/2	2,679.20	1/2	2,370.34
3/4		3/4		3/4	4,505.45	3/4	4,212.78	3/4	3,905.95	3/4	3,599.01	3/4	3,290.26	3/4	2,981.52	3/4	2,672.77	3/4	2,363.90
8		8		8	4,501.07	8	4,206.39	8	3,899.56	8	3,592.58	8	3,283.83	8	2,975.08	8	2,666.34	8	2,357.45
1/4		1/4		1/4	4,496.69	1/4	4,200.00	1/4	3,893.17	1/4	3,586.14	1/4	3,277.40	1/4	2,968.65	1/4	2,659.91	1/4	2,351.01
1/2		1/2		1/2	4,491.12	1/2	4,193.61	1/2	3,886.78	1/2	3,579.71	1/2	3,270.97	1/2	2,962.22	1/2	2,653.47	1/2	2,344.57
3/4		3/4		3/4	4,485.54	3/4	4,187.21	3/4	3,880.38	3/4	3,573.28	3/4	3,264.53	3/4	2,955.79	3/4	2,647.04	3/4	2,338.13
9		9		9	4,479.96	9	4,180.82	9	3,873.99	9	3,566.85	9	3,258.10	9	2,949.36	9	2,640.61	9	2,331.68
1/4		1/4		1/4	4,474.38	1/4	4,174.43	1/4	3,867.60	1/4	3,560.41	1/4	3,251.67	1/4	2,942.92	1/4	2,634.18	1/4	2,325.24
1/2		1/2		1/2	4,468.13	1/2	4,168.04	1/2	3,861.21	1/2	3,553.98	1/2	3,245.24	1/2	2,936.49	1/2	2,627.75	1/2	2,318.80
3/4		3/4		3/4	4,461.87	3/4	4,161.65	3/4	3,854.81	3/4	3,547.55	3/4	3,238.80	3/4	2,930.06	3/4	2,621.31	3/4	2,312.36
10		10		10	4,455.61	10	4,155.25	10	3,848.42	10	3,541.12	10	3,232.37	10	2,923.63	10	2,614.88	10	2,305.91
1/4		1/4		1/4	4,449.35	1/4	4,148.86	1/4	3,842.03	1/4	3,534.69	1/4	3,225.94	1/4	2,917.19	1/4	2,608.45	1/4	2,299.47
1/2		1/2		1/2	4,442.96	1/2	4,142.47	1/2	3,835.64	1/2	3,528.25	1/2	3,219.51	1/2	2,910.76	1/2	2,602.02	1/2	2,293.03
3/4		3/4		3/4	4,436.57	3/4	4,136.08	3/4	3,829.25	3/4	3,521.82	3/4	3,213.08	3/4	2,904.33	3/4	2,595.58	3/4	2,286.59
11		11		11	4,430.18	11	4,129.68	11	3,822.85	11	3,515.39	11	3,206.64	11	2,897.90	11	2,589.15	11	2,280.14
1/4		1/4		1/4	4,423.79	1/4	4,123.29	1/4	3,816.46	1/4	3,508.96	1/4	3,200.21	1/4	2,891.47	1/4	2,582.72	1/4	2,273.70
1/2		1/2		1/2	4,417.39	1/2	4,116.90	1/2	3,810.07	1/2	3,502.53	1/2	3,193.78	1/2	2,885.03	1/2	2,576.29	1/2	2,267.26
3/4		3/4		3/4	4,410.51	3/4	4,110.51	3/4	3,803.68	3/4	3,496.09	3/4	3,187.35	3/4	2,878.60	3/4	2,569.86	3/4	2,260.81

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

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



# BARGE "WEB 339"

## 3 STBD ULLAGE TABLE

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,254.37	0	1,945.12	0	1,635.87	0	1,326.62	0	1,017.37	0	708.31	0	399.31	0	90.26	0		0	
1/4	2,247.93	1/4	1,938.68	1/4	1,629.43	1/4	1,320.18	1/4	1,010.93	1/4	701.88	1/4	392.87	1/4	83.85	1/4		1/4	
1/2	2,241.49	1/2	1,932.24	1/2	1,622.99	1/2	1,313.74	1/2	1,004.49	1/2	695.45	1/2	386.42	1/2	77.44	1/2		1/2	
3/4	2,235.04	3/4	1,925.79	3/4	1,616.54	3/4	1,307.29	3/4	998.05	3/4	689.02	3/4	379.98	3/4	71.06	3/4		3/4	
1	2,228.60	1	1,919.35	1	1,610.10	1	1,300.85	1	991.60	1	682.59	1	373.54	1	64.68	1		1	
1/4	2,222.16	1/4	1,912.91	1/4	1,603.66	1/4	1,294.41	1/4	985.16	1/4	676.17	1/4	367.10	1/4	58.30	1/4		1/4	
1/2	2,215.72	1/2	1,906.47	1/2	1,597.22	1/2	1,287.97	1/2	978.72	1/2	669.74	1/2	360.65	1/2	51.93	1/2		1/2	
3/4	2,209.27	3/4	1,900.02	3/4	1,590.77	3/4	1,281.52	3/4	972.27	3/4	663.31	3/4	354.21	3/4	46.06	3/4		3/4	
2	2,202.83	2	1,893.58	2	1,584.33	2	1,275.08	2	965.83	2	656.88	2	347.77	2	40.20	2		2	
1/4	2,196.39	1/4	1,887.14	1/4	1,577.89	1/4	1,268.64	1/4	959.39	1/4	650.45	1/4	341.33	1/4	34.34	1/4		1/4	
1/2	2,189.94	1/2	1,880.70	1/2	1,571.45	1/2	1,262.20	1/2	952.95	1/2	644.02	1/2	334.88	1/2	28.47	1/2		1/2	
3/4	2,183.50	3/4	1,874.25	3/4	1,565.00	3/4	1,255.75	3/4	946.50	3/4	637.59	3/4	328.44	3/4	24.18	3/4		3/4	
3	2,177.06	3	1,867.81	3	1,558.56	3	1,249.31	3	940.06	3	631.16	3	322.00	3	19.89	3		3	
1/4	2,170.62	1/4	1,861.37	1/4	1,552.12	1/4	1,242.87	1/4	933.62	1/4	624.73	1/4	315.56	1/4	15.59	1/4		1/4	
1/2	2,164.17	1/2	1,854.92	1/2	1,545.67	1/2	1,236.43	1/2	927.18	1/2	618.30	1/2	309.11	1/2	11.30	1/2		1/2	
3/4	2,157.73	3/4	1,848.48	3/4	1,539.23	3/4	1,229.98	3/4	920.73	3/4	611.87	3/4	302.67	3/4		3/4		3/4	
4	2,151.29	4	1,842.04	4	1,532.79	4	1,223.54	4	914.29	4	605.44	4	296.23	4		4		4	
1/4	2,144.85	1/4	1,835.60	1/4	1,526.35	1/4	1,217.10	1/4	907.85	1/4	599.00	1/4	289.79	1/4		1/4		1/4	
1/2	2,138.40	1/2	1,829.15	1/2	1,519.90	1/2	1,210.65	1/2	901.40	1/2	592.57	1/2	283.34	1/2		1/2		1/2	
3/4	2,131.96	3/4	1,822.71	3/4	1,513.46	3/4	1,204.21	3/4	894.96	3/4	586.13	3/4	276.90	3/4		3/4		3/4	
5	2,125.52	5	1,816.27	5	1,507.02	5	1,197.77	5	888.52	5	579.69	5	270.46	5		5		5	
1/4	2,119.07	1/4	1,809.83	1/4	1,500.58	1/4	1,191.33	1/4	882.08	1/4	573.25	1/4	264.02	1/4		1/4		1/4	
1/2	2,112.63	1/2	1,803.38	1/2	1,494.13	1/2	1,184.88	1/2	875.63	1/2	566.81	1/2	257.57	1/2		1/2		1/2	
3/4	2,106.19	3/4	1,796.94	3/4	1,487.69	3/4	1,178.44	3/4	869.19	3/4	560.37	3/4	251.13	3/4		3/4		3/4	
6	2,099.75	6	1,790.50	6	1,481.25	6	1,172.00	6	862.75	6	553.93	6	244.69	6		6		6	
1/4	2,093.30	1/4	1,784.05	1/4	1,474.80	1/4	1,165.56	1/4	856.31	1/4	547.49	1/4	238.25	1/4		1/4		1/4	
1/2	2,086.86	1/2	1,777.61	1/2	1,468.36	1/2	1,159.11	1/2	849.86	1/2	541.04	1/2	231.80	1/2		1/2		1/2	
3/4	2,080.42	3/4	1,771.17	3/4	1,461.92	3/4	1,152.67	3/4	843.42	3/4	534.60	3/4	225.36	3/4		3/4		3/4	
7	2,073.98	7	1,764.73	7	1,455.48	7	1,146.23	7	836.98	7	528.16	7	218.92	7		7		7	
1/4	2,067.53	1/4	1,758.28	1/4	1,449.03	1/4	1,139.78	1/4	830.53	1/4	521.72	1/4	212.48	1/4		1/4		1/4	
1/2	2,061.09	1/2	1,751.84	1/2	1,442.59	1/2	1,133.34	1/2	824.09	1/2	515.27	1/2	206.03	1/2		1/2		1/2	
3/4	2,054.65	3/4	1,745.40	3/4	1,436.15	3/4	1,126.90	3/4	817.65	3/4	508.83	3/4	199.59	3/4		3/4		3/4	
8	2,048.21	8	1,738.96	8	1,429.71	8	1,120.46	8	811.21	8	502.39	8	193.15	8		8		8	
1/4	2,041.76	1/4	1,732.51	1/4	1,423.26	1/4	1,114.01	1/4	804.77	1/4	495.95	1/4	186.71	1/4		1/4		1/4	
1/2	2,035.32	1/2	1,726.07	1/2	1,416.82	1/2	1,107.57	1/2	798.33	1/2	489.50	1/2	180.26	1/2		1/2		1/2	
3/4	2,028.88	3/4	1,719.63	3/4	1,410.38	3/4	1,101.13	3/4	791.90	3/4	483.06	3/4	173.82	3/4		3/4		3/4	
9	2,022.43	9	1,713.18	9	1,403.94	9	1,094.69	9	785.47	9	476.62	9	167.38	9		9		9	
1/4	2,015.99	1/4	1,706.74	1/4	1,397.49	1/4	1,088.24	1/4	779.04	1/4	470.18	1/4	160.94	1/4		1/4		1/4	
1/2	2,009.55	1/2	1,700.30	1/2	1,391.05	1/2	1,081.80	1/2	772.60	1/2	463.73	1/2	154.50	1/2		1/2		1/2	
3/4	2,003.11	3/4	1,693.86	3/4	1,384.61	3/4	1,075.36	3/4	766.18	3/4	457.29	3/4	148.07	3/4		3/4		3/4	
10	1,996.66	10	1,687.41	10	1,378.16	10	1,068.91	10	759.75	10	450.85	10	141.63	10		10		10	
1/4	1,990.22	1/4	1,680.97	1/4	1,371.72	1/4	1,062.47	1/4	753.32	1/4	444.41	1/4	135.20	1/4		1/4		1/4	
1/2	1,983.78	1/2	1,674.53	1/2	1,365.28	1/2	1,056.03	1/2	746.89	1/2	437.96	1/2	128.77	1/2		1/2		1/2	
3/4	1,977.34	3/4	1,668.09	3/4	1,358.84	3/4	1,049.59	3/4	740.46	3/4	431.52	3/4	122.34	3/4		3/4		3/4	
11	1,970.89	11	1,661.64	11	1,352.39	11	1,043.14	11	734.03	11	425.08	11	115.92	11		11		11	
1/4	1,964.45	1/4	1,655.20	1/4	1,345.95	1/4	1,036.70	1/4	727.60	1/4	418.64	1/4	109.49	1/4		1/4		1/4	
1/2	1,958.01	1/2	1,648.76	1/2	1,339.51	1/2	1,030.26	1/2	721.17	1/2	412.19	1/2	103.07	1/2		1/2		1/2	
3/4	1,951.56	3/4	1,642.32	3/4	1,333.07	3/4	1,023.82	3/4	714.74	3/4	405.75	3/4	96.66	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/25/2013 SW  
CALCULATED: 10/28/2013 CL  
PRINTED: 10/26/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "WEB 339"

## 4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07 1/2"

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	6,380.92	0	6,044.83	0	5,708.45	0	5,372.07	0	5,012.92	0	4,536.47	0	4,059.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,374.03	1/4	6,037.83	1/4	5,701.45	1/4	5,365.06	1/4	5,003.34	1/4	4,526.53	1/4	4,049.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,367.14	1/2	6,030.82	1/2	5,694.44	1/2	5,358.06	1/2	4,993.77	1/2	4,516.58	1/2	4,039.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,360.16	3/4	6,023.81	3/4	5,687.43	3/4	5,351.05	3/4	4,983.87	3/4	4,506.63	3/4	4,029.24
1		1		1		1	6,353.15	1	6,016.80	1	5,680.42	1	5,344.04	1	4,973.97	1	4,496.89	1	4,019.30
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,346.16	1/4	6,009.79	1/4	5,673.42	1/4	5,337.03	1/4	4,964.08	1/4	4,486.74	1/4	4,009.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,339.16	1/2	6,002.79	1/2	5,666.41	1/2	5,330.02	1/2	4,954.18	1/2	4,476.79	1/2	3,999.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,332.15	3/4	5,995.78	3/4	5,659.40	3/4	5,323.01	3/4	4,944.24	3/4	4,466.85	3/4	3,989.47
2		2		2		2	6,325.14	2	5,988.77	2	5,652.39	2	5,316.01	2	4,934.30	2	4,456.90	2	3,979.53
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,318.14	1/4	5,981.76	1/4	5,645.38	1/4	5,309.00	1/4	4,924.36	1/4	4,446.95	1/4	3,969.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,311.13	1/2	5,974.75	1/2	5,638.38	1/2	5,301.99	1/2	4,914.42	1/2	4,437.01	1/2	3,959.64
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,304.12	3/4	5,967.75	3/4	5,631.37	3/4	5,294.98	3/4	4,904.47	3/4	4,427.06	3/4	3,949.70
3		3		3		3	6,297.11	3	5,960.74	3	5,624.36	3	5,287.97	3	4,894.53	3	4,417.12	3	3,939.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,290.11	1/4	5,953.73	1/4	5,617.35	1/4	5,280.96	1/4	4,884.59	1/4	4,407.17	1/4	3,929.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,283.10	1/2	5,946.72	1/2	5,610.34	1/2	5,273.96	1/2	4,874.64	1/2	4,397.22	1/2	3,919.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,276.09	3/4	5,939.72	3/4	5,603.34	3/4	5,266.95	3/4	4,864.70	3/4	4,387.28	3/4	3,909.93
4		4		4		4	6,269.09	4	5,932.71	4	5,596.33	4	5,259.94	4	4,854.75	4	4,377.33	4	3,899.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,262.08	1/4	5,925.70	1/4	5,589.32	1/4	5,252.93	1/4	4,844.81	1/4	4,367.38	1/4	3,890.04
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,255.07	1/2	5,918.69	1/2	5,582.31	1/2	5,245.92	1/2	4,834.86	1/2	4,357.44	1/2	3,880.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,248.06	3/4	5,911.68	3/4	5,575.30	3/4	5,238.91	3/4	4,824.92	3/4	4,347.49	3/4	3,870.16
5		5		5		5	6,241.05	5	5,904.68	5	5,568.30	5	5,231.91	5	4,814.97	5	4,337.54	5	3,860.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,234.05	1/4	5,897.67	1/4	5,561.29	1/4	5,224.90	1/4	4,805.03	1/4	4,327.60	1/4	3,850.27
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,227.04	1/2	5,890.66	1/2	5,554.28	1/2	5,217.89	1/2	4,795.08	1/2	4,317.65	1/2	3,840.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,220.03	3/4	5,883.65	3/4	5,547.27	3/4	5,210.88	3/4	4,785.13	3/4	4,307.71	3/4	3,830.39
6		6		6		6	6,213.02	6	5,876.64	6	5,540.26	6	5,203.87	6	4,775.19	6	4,297.76	6	3,820.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	6,206.02	1/4	5,869.64	1/4	5,533.26	1/4	5,196.86	1/4	4,765.24	1/4	4,287.81	1/4	3,810.50
1/2	1/2	1/2	1/2	1/2	1/2	1/2	6,199.01	1/2	5,862.63	1/2	5,526.25	1/2	5,189.86	1/2	4,755.29	1/2	4,277.87	1/2	3,800.56
3/4	3/4	3/4	3/4	3/4	3/4	3/4	6,192.00	3/4	5,855.62	3/4	5,519.24	3/4	5,182.85	3/4	4,745.35	3/4	4,267.92	3/4	3,790.61
7		7	6,460.56	7	6,184.99	7	5,848.61	7	5,512.23	7	5,175.84	7	4,735.40	7	4,257.97	7	3,780.67		
1/4	1/4	1/4	6,459.86	1/4	6,177.98	1/4	5,841.60	1/4	5,505.23	1/4	5,168.83	1/4	4,725.45	1/4	4,248.03	1/4	3,770.72		
1/2	1/2	1/2	6,459.16	1/2	6,170.98	1/2	5,834.60	1/2	5,498.22	1/2	5,161.82	1/2	4,715.51	1/2	4,238.08	1/2	3,760.77		
3/4	3/4	3/4	6,457.23	3/4	6,163.97	3/4	5,827.59	3/4	5,491.21	3/4	5,154.57	3/4	4,705.56	3/4	4,228.13	3/4	3,750.82		
8		8	6,455.31	8	6,156.96	8	5,820.58	8	5,484.20	8	5,147.32	8	4,695.62	8	4,218.19	8	3,740.88		
1/4	1/4	1/4	6,453.38	1/4	6,149.95	1/4	5,813.57	1/4	5,477.19	1/4	5,140.07	1/4	4,685.67	1/4	4,208.24	1/4	3,730.93		
1/2	1/2	1/2	6,451.46	1/2	6,142.94	1/2	5,806.57	1/2	5,470.19	1/2	5,132.81	1/2	4,675.72	1/2	4,198.30	1/2	3,720.98		
3/4	3/4	3/4	6,448.13	3/4	6,135.94	3/4	5,799.56	3/4	5,463.18	3/4	5,125.01	3/4	4,665.78	3/4	4,188.35	3/4	3,711.03		
9		9	6,444.80	9	6,128.93	9	5,792.55	9	5,456.17	9	5,117.21	9	4,655.83	9	4,178.40	9	3,701.09		
1/4	1/4	1/4	6,441.47	1/4	6,121.92	1/4	5,785.54	1/4	5,449.16	1/4	5,109.40	1/4	4,645.88	1/4	4,168.46	1/4	3,691.14		
1/2	1/2	1/2	6,438.15	1/2	6,114.91	1/2	5,778.53	1/2	5,442.16	1/2	5,101.60	1/2	4,635.94	1/2	4,158.51	1/2	3,681.19		
3/4	3/4	3/4	6,433.42	3/4	6,107.90	3/4	5,771.53	3/4	5,435.15	3/4	5,093.20	3/4	4,625.99	3/4	4,148.56	3/4	3,671.24		
10		10	6,428.69	10	6,100.90	10	5,764.52	10	5,428.14	10	5,084.81	10	4,616.04	10	4,138.62	10	3,661.30		
1/4	1/4	1/4	6,423.96	1/4	6,093.89	1/4	5,757.51	1/4	5,421.13	1/4	5,076.41	1/4	4,606.10	1/4	4,128.67	1/4	3,651.35		
1/2	1/2	1/2	6,419.23	1/2	6,086.88	1/2	5,750.50	1/2	5,414.12	1/2	5,068.02	1/2	4,596.15	1/2	4,118.72	1/2	3,641.40		
3/4	3/4	3/4	6,413.10	3/4	6,079.87	3/4	5,743.49	3/4	5,407.11	3/4	5,059.03	3/4	4,586.20	3/4	4,108.76	3/4	3,631.45		
11		11	6,406.97	11	6,072.87	11	5,736.49	11	5,400.11	11	5,050.04	11	4,576.26	11	4,098.84	11	3,621.50		
1/4	1/4	1/4	6,400.84	1/4	6,065.86	1/4	5,729.48	1/4	5,393.10	1/4	5,041.06	1/4	4,566.31	1/4	4,088.90	1/4	3,611.56		
1/2	1/2	1/2	6,394.71	1/2	6,058.85	1/2	5,722.47	1/2	5,386.09	1/2	5,032.07	1/2	4,556.37	1/2	4,078.95	1/2	3,601.61		
3/4	3/4	3/4	6,387.82	3/4	6,051.84	3/4	5,715.46	3/4	5,379.08	3/4	5,022.50	3/4	4,546.42	3/4	4,069.01	3/4	3,591.66		

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 30'-00" FORWARD OF AFT BULKHEAD.

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



# BARGE "WEB 339"

## 4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07 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	3,581.71	0	3,104.21	0	2,627.25	0	2,150.76	0	1,673.42	0	1,197.42	0	721.70	0	243.57	0		0	
1/4	3,571.76	1/4	3,094.26	1/4	2,617.33	1/4	2,140.82	1/4	1,663.47	1/4	1,187.55	1/4	711.74	1/4	233.61	1/4		1/4	
1/2	3,561.82	1/2	3,084.31	1/2	2,607.42	1/2	2,130.87	1/2	1,653.53	1/2	1,177.68	1/2	701.77	1/2	223.66	1/2		1/2	
3/4	3,551.87	3/4	3,074.36	3/4	2,597.50	3/4	2,120.93	3/4	1,643.58	3/4	1,167.80	3/4	691.81	3/4	213.71	3/4		3/4	
1	3,541.92	1	3,064.42	1	2,587.58	1	2,110.98	1	1,633.64	1	1,157.93	1	681.85	1	203.77	1		1	
1/4	3,531.97	1/4	3,054.47	1/4	2,577.67	1/4	2,101.04	1/4	1,623.69	1/4	1,148.06	1/4	671.89	1/4	193.82	1/4		1/4	
1/2	3,522.02	1/2	3,044.52	1/2	2,567.75	1/2	2,091.09	1/2	1,613.75	1/2	1,138.19	1/2	661.93	1/2	183.88	1/2		1/2	
3/4	3,512.08	3/4	3,034.57	3/4	2,557.83	3/4	2,081.15	3/4	1,603.80	3/4	1,128.32	3/4	651.97	3/4	173.95	3/4		3/4	
2	3,502.13	2	3,024.62	2	2,547.92	2	2,071.20	2	1,593.86	2	1,118.45	2	642.01	2	164.03	2		2	
1/4	3,492.18	1/4	3,014.68	1/4	2,538.00	1/4	2,061.26	1/4	1,583.91	1/4	1,108.58	1/4	632.04	1/4	154.10	1/4		1/4	
1/2	3,482.23	1/2	3,004.73	1/2	2,528.08	1/2	2,051.32	1/2	1,573.97	1/2	1,098.71	1/2	622.08	1/2	144.18	1/2		1/2	
3/4	3,472.28	3/4	2,994.78	3/4	2,518.17	3/4	2,041.37	3/4	1,564.02	3/4	1,088.84	3/4	612.12	3/4	134.28	3/4		3/4	
3	3,462.34	3	2,984.83	3	2,508.25	3	2,031.43	3	1,554.08	3	1,078.97	3	602.16	3	124.39	3		3	
1/4	3,452.39	1/4	2,974.88	1/4	2,498.33	1/4	2,021.48	1/4	1,544.14	1/4	1,069.10	1/4	592.20	1/4	114.49	1/4		1/4	
1/2	3,442.44	1/2	2,964.94	1/2	2,488.42	1/2	2,011.54	1/2	1,534.19	1/2	1,059.23	1/2	582.24	1/2	104.60	1/2		1/2	
3/4	3,432.49	3/4	2,954.99	3/4	2,478.50	3/4	2,001.59	3/4	1,524.25	3/4	1,049.36	3/4	572.27	3/4	94.75	3/4		3/4	
4	3,422.54	4	2,945.04	4	2,468.58	4	1,991.65	4	1,514.30	4	1,039.49	4	562.31	4	84.91	4		4	
1/4	3,412.60	1/4	2,935.09	1/4	2,458.67	1/4	1,981.70	1/4	1,504.36	1/4	1,029.62	1/4	552.35	1/4	75.07	1/4		1/4	
1/2	3,402.65	1/2	2,925.14	1/2	2,448.75	1/2	1,971.76	1/2	1,494.41	1/2	1,019.74	1/2	542.39	1/2	65.23	1/2		1/2	
3/4	3,392.70	3/4	2,915.20	3/4	2,438.83	3/4	1,961.81	3/4	1,484.47	3/4	1,009.87	3/4	532.43	3/4	55.74	3/4		3/4	
5	3,382.75	5	2,905.25	5	2,428.92	5	1,951.87	5	1,474.52	5	1,000.00	5	522.47	5	48.25	5		5	
1/4	3,372.80	1/4	2,895.30	1/4	2,419.00	1/4	1,941.92	1/4	1,464.58	1/4	990.13	1/4	512.51	1/4	39.76	1/4		1/4	
1/2	3,362.86	1/2	2,885.35	1/2	2,409.08	1/2	1,931.98	1/2	1,454.63	1/2	980.26	1/2	502.54	1/2	31.27	1/2		1/2	
3/4	3,352.91	3/4	2,875.40	3/4	2,399.17	3/4	1,922.03	3/4	1,444.69	3/4	970.34	3/4	492.58	3/4	25.88	3/4		3/4	
6	3,342.96	6	2,865.46	6	2,389.25	6	1,912.09	6	1,434.74	6	960.43	6	482.62	6	20.48	6		6	
1/4	3,333.01	1/4	2,855.51	1/4	2,379.33	1/4	1,902.14	1/4	1,424.80	1/4	950.51	1/4	472.66	1/4	15.09	1/4		1/4	
1/2	3,323.06	1/2	2,845.56	1/2	2,369.42	1/2	1,892.20	1/2	1,414.85	1/2	940.59	1/2	462.70	1/2	9.69	1/2		1/2	
3/4	3,313.12	3/4	2,835.61	3/4	2,359.50	3/4	1,882.26	3/4	1,404.92	3/4	930.66	3/4	452.74	3/4	7.62	3/4		3/4	
7	3,303.17	7	2,825.66	7	2,349.58	7	1,872.31	7	1,394.99	7	920.72	7	442.78	7	5.54	7		7	
1/4	3,293.22	1/4	2,815.72	1/4	2,339.67	1/4	1,862.37	1/4	1,385.05	1/4	910.79	1/4	432.82	1/4	3.46	1/4		1/4	
1/2	3,283.27	1/2	2,805.77	1/2	2,329.75	1/2	1,852.42	1/2	1,375.12	1/2	900.85	1/2	422.86	1/2	1.39	1/2		1/2	
3/4	3,273.32	3/4	2,795.85	3/4	2,319.81	3/4	1,842.48	3/4	1,365.24	3/4	890.91	3/4	412.90	3/4		3/4		3/4	
8	3,263.38	8	2,785.93	8	2,309.87	8	1,832.53	8	1,355.36	8	880.96	8	402.94	8		8		8	
1/4	3,253.43	1/4	2,776.01	1/4	2,299.93	1/4	1,822.59	1/4	1,345.48	1/4	871.01	1/4	392.98	1/4		1/4		1/4	
1/2	3,243.48	1/2	2,766.09	1/2	2,289.99	1/2	1,812.64	1/2	1,335.61	1/2	861.06	1/2	383.02	1/2		1/2		1/2	
3/4	3,233.53	3/4	2,756.17	3/4	2,280.04	3/4	1,802.70	3/4	1,325.74	3/4	851.11	3/4	373.06	3/4		3/4		3/4	
9	3,223.58	9	2,746.25	9	2,270.10	9	1,792.75	9	1,315.87	9	841.16	9	363.09	9		9		9	
1/4	3,213.64	1/4	2,736.34	1/4	2,260.15	1/4	1,782.81	1/4	1,305.99	1/4	831.21	1/4	353.13	1/4		1/4		1/4	
1/2	3,203.69	1/2	2,726.42	1/2	2,250.21	1/2	1,772.86	1/2	1,296.12	1/2	821.26	1/2	343.17	1/2		1/2		1/2	
3/4	3,193.74	3/4	2,716.50	3/4	2,240.26	3/4	1,762.92	3/4	1,286.25	3/4	811.31	3/4	333.21	3/4		3/4		3/4	
10	3,183.79	10	2,706.58	10	2,230.32	10	1,752.97	10	1,276.38	10	801.36	10	323.25	10		10		10	
1/4	3,173.84	1/4	2,696.67	1/4	2,220.38	1/4	1,743.03	1/4	1,266.51	1/4	791.41	1/4	313.29	1/4		1/4		1/4	
1/2	3,163.90	1/2	2,686.75	1/2	2,210.43	1/2	1,733.08	1/2	1,256.64	1/2	781.46	1/2	303.32	1/2		1/2		1/2	
3/4	3,153.95	3/4	2,676.83	3/4	2,200.49	3/4	1,723.14	3/4	1,246.77	3/4	771.50	3/4	293.36	3/4		3/4		3/4	
11	3,144.00	11	2,666.92	11	2,190.54	11	1,713.20	11	1,236.90	11	761.54	11	283.40	11		11		11	
1/4	3,134.05	1/4	2,657.00	1/4	2,180.60	1/4	1,703.25	1/4	1,227.03	1/4	751.58	1/4	273.44	1/4		1/4		1/4	
1/2	3,124.10	1/2	2,647.08	1/2	2,170.65	1/2	1,693.31	1/2	1,217.16	1/2	741.62	1/2	263.48	1/2		1/2		1/2	
3/4	3,114.16	3/4	2,637.17	3/4	2,160.71	3/4	1,683.36	3/4	1,207.29	3/4	731.66	3/4	253.52	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/25/2013 SW  
CALCULATED: 10/28/2013 CL  
PRINTED: 10/28/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

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



# BARGE "WEB 339"

## 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 1/4	74	1 1/4	785	1 1/4	1,497	1 1/4	2,208	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	89	1 1/2	800	1 1/2	1,511	1 1/2	2,223	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 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 1/4	133	1 1/4	845	1 1/4	1,556	1 1/4	2,267	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	148	1 1/2	859	1 1/2	1,571	1 1/2	2,282	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 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 1/4	193	1 1/4	904	1 1/4	1,615	1 1/4	2,326	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	207	1 1/2	919	1 1/2	1,630	1 1/2	2,341	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 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 1/4	252	1 1/4	963	1 1/4	1,674	1 1/4	2,386	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	267	1 1/2	978	1 1/2	1,689	1 1/2	2,400	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 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 1/4	311	1 1/4	1,022	1 1/4	1,734	1 1/4	2,445	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	326	1 1/2	1,037	1 1/2	1,748	1 1/2	2,460	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 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 1/4	371	1 1/4	1,082	1 1/4	1,793	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	385	1 1/2	1,097	1 1/2	1,808	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 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 1/4	430	1 1/4	1,141	1 1/4	1,852	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	445	1 1/2	1,156	1 1/2	1,867	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 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	1,186	8	1,897	8		8		8		8		8		8		8	
1 1/4	489	1 1/4	1,200	1 1/4	1,911	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	504	1 1/2	1,215	1 1/2	1,926	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 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 1/4	548	1 1/4	1,260	1 1/4	1,971	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	563	1 1/2	1,274	1 1/2	1,985	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 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 1/4	608	1 1/4	1,319	1 1/4	2,030	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	622	1 1/2	1,334	1 1/2	2,045	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 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 1/4	667	1 1/4	1,378	1 1/4	2,089	1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4		1 1/4	
1 1/2	682	1 1/2	1,393	1 1/2	2,104	1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 1/2		1 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	

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: 10/25/2013 SW  
CALCULATED: 10/26/2013 CL  
PRINTED: 10/26/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

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



# BARGE "WEB 339"

## 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	386	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	

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: 10/25/2013 SW  
CALCULATED: 10/26/2013 CL  
PRINTED: 10/26/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2013

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