



BARGE "WEB 345"

ULLAGE TRIM TABLE

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

January 25, 2019

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

<http://www.pmacorp.net>



BARGE "WEB 345"

1 CENTL ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

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		1/4		1/4		1/4	7,018.21	1/4		1/4	6,526.40	1/4		1/4	6,034.74	1/4		1/4	5,541.80
1/2		1/2		1/2		1/2	7,007.97	1/2		1/2	6,516.16	1/2		1/2	6,024.50	1/2		1/2	5,531.48
3/4		3/4		3/4		3/4	6,997.73	3/4		3/4	6,505.92	3/4		3/4	6,014.25	3/4		3/4	5,521.17
1		1		1		1	6,987.47	1		1	6,495.68	1		1	6,004.01	1		1	5,510.85
1/4		1/4		1/4		1/4	6,977.21	1/4		1/4	6,485.43	1/4		1/4	5,993.77	1/4		1/4	5,500.54
1/2		1/2		1/2		1/2	6,966.95	1/2		1/2	6,475.19	1/2		1/2	5,983.53	1/2		1/2	5,490.22
3/4		3/4		3/4		3/4	6,956.69	3/4		3/4	6,464.95	3/4		3/4	5,973.28	3/4		3/4	5,479.91
2		2		2		2	6,946.43	2		2	6,454.70	2		2	5,963.04	2		2	5,469.59
1/4		1/4		1/4		1/4	6,936.17	1/4		1/4	6,444.46	1/4		1/4	5,952.80	1/4		1/4	5,459.28
1/2		1/2		1/2		1/2	6,925.91	1/2		1/2	6,434.22	1/2		1/2	5,942.55	1/2		1/2	5,449.22
3/4		3/4		3/4		3/4	6,915.64	3/4		3/4	6,423.97	3/4		3/4	5,932.31	3/4		3/4	5,438.64
3		3		3		3	6,905.40	3		3	6,413.73	3		3	5,922.07	3		3	5,428.33
1/4		1/4		1/4		1/4	6,895.16	1/4		1/4	6,403.49	1/4		1/4	5,911.82	1/4		1/4	5,418.01
1/2		1/2		1/2		1/2	6,884.91	1/2		1/2	6,393.25	1/2		1/2	5,901.58	1/2		1/2	5,407.70
3/4		3/4		3/4		3/4	6,874.67	3/4		3/4	6,383.00	3/4		3/4	5,891.34	3/4		3/4	5,397.38
4		4		4		4	6,864.42	4		4	6,372.76	4		4	5,881.10	4		4	5,387.07
1/4		1/4		1/4		1/4	6,854.18	1/4		1/4	6,362.52	1/4		1/4	5,870.85	1/4		1/4	5,376.75
1/2		1/2		1/2		1/2	6,843.94	1/2		1/2	6,352.27	1/2		1/2	5,860.61	1/2		1/2	5,366.44
3/4		3/4		3/4		3/4	6,833.69	3/4		3/4	6,342.03	3/4		3/4	5,850.37	3/4		3/4	5,356.12
5		5		5		5	6,823.45	5		5	6,331.79	5		5	5,840.12	5		5	5,345.81
1/4		1/4		1/4		1/4	6,813.21	1/4		1/4	6,321.54	1/4		1/4	5,829.88	1/4		1/4	5,335.49
1/2		1/2		1/2		1/2	6,802.97	1/2		1/2	6,311.30	1/2		1/2	5,819.64	1/2		1/2	5,325.18
3/4		3/4		3/4		3/4	6,792.72	3/4		3/4	6,301.06	3/4		3/4	5,809.39	3/4		3/4	5,314.86
6		6		6		6	6,782.48	6		6	6,290.82	6		6	5,799.15	6		6	5,304.54
1/4		1/4		1/4		1/4	7,171.84	1/4		1/4	6,772.24	1/4		1/4	6,280.57	1/4		1/4	5,294.23
1/2		1/2		1/2		1/2	7,171.04	1/2		1/2	6,761.99	1/2		1/2	6,270.33	1/2		1/2	5,283.91
3/4		3/4		3/4		3/4	7,170.25	3/4		3/4	6,751.75	3/4		3/4	6,260.09	3/4		3/4	5,273.60
7		7		7		7	7,167.65	7		7	6,741.51	7		7	6,249.84	7		7	5,263.28
1/4		1/4		1/4		1/4	7,165.04	1/4		1/4	6,731.26	1/4		1/4	6,239.60	1/4		1/4	5,252.97
1/2		1/2		1/2		1/2	7,162.44	1/2		1/2	6,721.02	1/2		1/2	6,229.36	1/2		1/2	5,242.65
3/4		3/4		3/4		3/4	7,159.83	3/4		3/4	6,710.78	3/4		3/4	6,219.11	3/4		3/4	5,232.34
8		8		8		8	7,155.16	8		8	6,700.54	8		8	6,208.87	8		8	5,222.02
1/4		1/4		1/4		1/4	7,150.49	1/4		1/4	6,690.29	1/4		1/4	6,198.63	1/4		1/4	5,211.71
1/2		1/2		1/2		1/2	7,145.82	1/2		1/2	6,680.05	1/2		1/2	6,188.39	1/2		1/2	5,201.39
3/4		3/4		3/4		3/4	7,141.15	3/4		3/4	6,669.81	3/4		3/4	6,178.14	3/4		3/4	5,191.08
9		9		9		9	7,134.41	9		9	6,659.56	9		9	6,167.90	9		9	5,180.76
1/4		1/4		1/4		1/4	7,127.67	1/4		1/4	6,649.32	1/4		1/4	6,157.66	1/4		1/4	5,170.44
1/2		1/2		1/2		1/2	7,120.93	1/2		1/2	6,639.08	1/2		1/2	6,147.41	1/2		1/2	5,160.13
3/4		3/4		3/4		3/4	7,114.19	3/4		3/4	6,628.83	3/4		3/4	6,137.17	3/4		3/4	5,149.81
10		10		10		10	7,105.39	10		10	6,618.59	10		10	6,126.93	10		10	5,139.50
1/4		1/4		1/4		1/4	7,096.59	1/4		1/4	6,608.35	1/4		1/4	6,116.68	1/4		1/4	5,129.18
1/2		1/2		1/2		1/2	7,087.78	1/2		1/2	6,598.11	1/2		1/2	6,106.44	1/2		1/2	5,118.87
3/4		3/4		3/4		3/4	7,078.98	3/4		3/4	6,587.86	3/4		3/4	6,106.44	3/4		3/4	5,118.87
11		11		11		11	7,068.91	11		11	6,577.62	11		11	6,085.96	11		11	5,098.24
1/4		1/4		1/4		1/4	7,058.84	1/4		1/4	6,567.38	1/4		1/4	6,075.71	1/4		1/4	5,087.92
1/2		1/2		1/2		1/2	7,048.77	1/2		1/2	6,557.13	1/2		1/2	6,065.47	1/2		1/2	5,077.61
3/4		3/4		3/4		3/4	7,038.70	3/4		3/4	6,546.89	3/4		3/4	6,055.23	3/4		3/4	5,067.29
12		12		12		12	7,028.46	12		12	6,536.65	12		12	6,044.98	12		12	5,056.97

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE TANK TIEB 345"

1 CENTL
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,560.81	0	3,064.75	0	2,568.69	0	2,072.63	0	1,576.57	0	1,080.96	0	586.23	0	150.01	0			
1/4	3,550.48	1/4	3,054.42	1/4	2,558.36	1/4	2,062.29	1/4	1,566.23	1/4	1,070.65	1/4	576.13	1/4	141.95	1/4			
1/2	3,540.14	1/2	3,044.08	1/2	2,548.02	1/2	2,051.96	1/2	1,555.90	1/2	1,060.34	1/2	566.02	1/2	133.89	1/2			
3/4	3,529.81	3/4	3,033.75	3/4	2,537.69	3/4	2,041.63	3/4	1,545.56	3/4	1,050.02	3/4	556.09	3/4	126.02	3/4			
1	3,519.47	1	3,023.41	1	2,527.35	1	2,031.29	1	1,535.23	1	1,039.71	1	546.16	1	118.15	1			
1/4	3,509.14	1/4	3,013.08	1/4	2,517.02	1/4	2,020.96	1/4	1,524.90	1/4	1,029.39	1/4	536.22	1/4	110.28	1/4			
1/2	3,498.80	1/2	3,002.74	1/2	2,506.68	1/2	2,010.62	1/2	1,514.56	1/2	1,019.08	1/2	526.29	1/2	102.41	1/2			
3/4	3,488.47	3/4	2,992.41	3/4	2,496.35	3/4	2,000.29	3/4	1,504.23	3/4	1,008.77	3/4	516.53	3/4	94.74	3/4			
2	3,478.14	2	2,982.07	2	2,486.01	2	1,989.95	2	1,493.89	2	998.45	2	506.76	2	87.07	2			
1/4	3,467.80	1/4	2,971.74	1/4	2,475.68	1/4	1,979.62	1/4	1,483.56	1/4	988.14	1/4	497.00	1/4	79.40	1/4			
1/2	3,457.47	1/2	2,961.41	1/2	2,465.34	1/2	1,969.28	1/2	1,473.22	1/2	977.83	1/2	487.23	1/2	71.73	1/2			
3/4	3,447.13	3/4	2,951.07	3/4	2,455.01	3/4	1,958.95	3/4	1,462.89	3/4	967.51	3/4	477.64	3/4	64.28	3/4			
3	3,436.80	3	2,940.74	3	2,444.68	3	1,948.61	3	1,452.55	3	957.20	3	468.04	3	56.84	3			
1/4	3,426.46	1/4	2,930.40	1/4	2,434.34	1/4	1,938.28	1/4	1,442.22	1/4	946.89	1/4	458.44	1/4	49.39	1/4			
1/2	3,416.13	1/2	2,920.07	1/2	2,424.01	1/2	1,927.95	1/2	1,431.88	1/2	936.57	1/2	448.85	1/2	41.94	1/2			
3/4	3,405.79	3/4	2,909.73	3/4	2,413.67	3/4	1,917.61	3/4	1,421.55	3/4	926.26	3/4	439.42	3/4	36.07	3/4			
4	3,395.46	4	2,899.40	4	2,403.34	4	1,907.28	4	1,411.22	4	915.95	4	430.00	4	30.20	4			
1/4	3,385.12	1/4	2,889.06	1/4	2,393.00	1/4	1,896.94	1/4	1,400.88	1/4	905.63	1/4	420.57	1/4	24.33	1/4			
1/2	3,374.79	1/2	2,878.73	1/2	2,382.67	1/2	1,886.61	1/2	1,390.55	1/2	895.32	1/2	411.14	1/2	18.46	1/2			
3/4	3,364.45	3/4	2,868.39	3/4	2,372.33	3/4	1,876.27	3/4	1,380.21	3/4	885.01	3/4	401.88	3/4	15.96	3/4			
5	3,354.12	5	2,858.06	5	2,362.00	5	1,865.94	5	1,369.88	5	874.69	5	392.63	5	13.46	5			
1/4	3,343.79	1/4	2,847.72	1/4	2,351.66	1/4	1,855.60	1/4	1,359.54	1/4	864.38	1/4	383.37	1/4	10.97	1/4			
1/2	3,333.45	1/2	2,837.39	1/2	2,341.33	1/2	1,845.27	1/2	1,349.21	1/2	854.07	1/2	374.11	1/2	8.47	1/2			
3/4	3,323.12	3/4	2,827.06	3/4	2,330.99	3/4	1,834.93	3/4	1,338.87	3/4	843.75	3/4	365.02	3/4	6.71	3/4			
6	3,312.78	6	2,816.72	6	2,320.66	6	1,824.60	6	1,328.54	6	833.44	6	355.93	6	4.95	6			
1/4	3,302.45	1/4	2,806.39	1/4	2,310.33	1/4	1,814.26	1/4	1,318.20	1/4	823.12	1/4	346.84	1/4	3.18	1/4			
1/2	3,292.11	1/2	2,796.05	1/2	2,299.99	1/2	1,803.93	1/2	1,307.87	1/2	812.81	1/2	337.75	1/2	1.42	1/2			
3/4	3,281.78	3/4	2,785.72	3/4	2,289.66	3/4	1,793.60	3/4	1,297.55	3/4	802.48	3/4	328.83	3/4		3/4			
7	3,271.44	7	2,775.38	7	2,279.32	7	1,783.26	7	1,287.24	7	792.15	7	319.91	7		7			
1/4	3,261.11	1/4	2,765.05	1/4	2,268.99	1/4	1,772.93	1/4	1,276.92	1/4	781.82	1/4	310.99	1/4		1/4			
1/2	3,250.77	1/2	2,754.71	1/2	2,258.65	1/2	1,762.59	1/2	1,266.61	1/2	771.48	1/2	302.07	1/2		1/2			
3/4	3,240.44	3/4	2,744.38	3/4	2,248.32	3/4	1,752.26	3/4	1,256.29	3/4	761.15	3/4	293.32	3/4		3/4			
8	3,230.10	8	2,734.04	8	2,237.98	8	1,741.92	8	1,245.98	8	750.82	8	284.57	8		8			
1/4	3,219.77	1/4	2,723.71	1/4	2,227.65	1/4	1,731.59	1/4	1,235.66	1/4	740.48	1/4	275.82	1/4		1/4			
1/2	3,209.44	1/2	2,713.37	1/2	2,217.31	1/2	1,721.25	1/2	1,225.35	1/2	730.15	1/2	267.06	1/2		1/2			
3/4	3,199.10	3/4	2,703.04	3/4	2,206.98	3/4	1,710.92	3/4	1,215.04	3/4	719.81	3/4	258.48	3/4		3/4			
9	3,188.77	9	2,692.71	9	2,196.64	9	1,700.58	9	1,204.72	9	709.48	9	249.90	9		9			
1/4	3,178.43	1/4	2,682.37	1/4	2,186.31	1/4	1,690.25	1/4	1,194.41	1/4	699.14	1/4	241.32	1/4		1/4			
1/2	3,168.10	1/2	2,672.04	1/2	2,175.98	1/2	1,679.91	1/2	1,184.10	1/2	688.81	1/2	232.73	1/2		1/2			
3/4	3,157.76	3/4	2,661.70	3/4	2,165.64	3/4	1,669.58	3/4	1,173.78	3/4	678.48	3/4	224.32	3/4		3/4			
10	3,147.43	10	2,651.37	10	2,155.31	10	1,659.25	10	1,163.47	10	668.14	10	215.91	10		10			
1/4	3,137.09	1/4	2,641.03	1/4	2,144.97	1/4	1,648.91	1/4	1,153.16	1/4	657.81	1/4	207.49	1/4		1/4			
1/2	3,126.76	1/2	2,630.70	1/2	2,134.64	1/2	1,638.58	1/2	1,142.84	1/2	647.47	1/2	199.08	1/2		1/2			
3/4	3,116.42	3/4	2,620.36	3/4	2,124.30	3/4	1,628.24	3/4	1,132.53	3/4	637.21	3/4	190.84	3/4		3/4			
11	3,106.09	11	2,610.03	11	2,113.97	11	1,617.91	11	1,122.22	11	626.95	11	182.60	11		11			
1/4	3,095.75	1/4	2,599.69	1/4	2,103.63	1/4	1,607.57	1/4	1,111.90	1/4	616.69	1/4	174.36	1/4		1/4			
1/2	3,085.42	1/2	2,589.36	1/2	2,093.30	1/2	1,597.24	1/2	1,101.59	1/2	606.43	1/2	166.12	1/2		1/2			
3/4	3,075.09	3/4	2,579.02	3/4	2,082.96	3/4	1,586.90	3/4	1,091.28	3/4	596.33	3/4	158.06	3/4		3/4			

STRAPPED: 02/14/2014 SW
CALCULATED: 02/15/2014 CL
PRINTED: 02/17/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE WEB 345"

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	IN	IN	IN	IN	IN	IN	IN	IN	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	4,057.51	0	3,774.65	0	3,491.81	0	3,208.19	0	2,923.45	0	2,638.70	0	2,353.95												
1/4	1/4	1/4	1/4	1/4	4,051.61	1/4	3,768.75	1/4	3,485.92	1/4	3,202.26	1/4	2,917.51	1/4	2,632.77	1/4	2,348.02												
1/2	1/2	1/2	1/2	1/2	4,045.71	1/2	3,762.86	1/2	3,480.03	1/2	3,196.33	1/2	2,911.58	1/2	2,626.84	1/2	2,342.09												
3/4	3/4	3/4	3/4	3/4	4,039.82	3/4	3,756.97	3/4	3,474.13	3/4	3,190.39	3/4	2,905.65	3/4	2,620.90	3/4	2,336.16												
1	1	1	1	1	4,033.92	1	3,751.08	1	3,468.24	1	3,184.46	1	2,899.72	1	2,614.97	1	2,330.23												
1/4	1/4	1/4	1/4	1/4	4,028.02	1/4	3,745.18	1/4	3,462.35	1/4	3,178.53	1/4	2,893.78	1/4	2,609.04	1/4	2,324.29												
1/2	1/2	1/2	1/2	1/2	4,022.13	1/2	3,739.29	1/2	3,456.46	1/2	3,172.60	1/2	2,887.85	1/2	2,603.11	1/2	2,318.36												
3/4	3/4	3/4	3/4	3/4	4,016.24	3/4	3,733.40	3/4	3,450.56	3/4	3,166.67	3/4	2,881.92	3/4	2,597.17	3/4	2,312.43												
2	2	2	2	2	4,010.34	2	3,727.51	2	3,444.67	2	3,160.73	2	2,875.99	2	2,591.24	2	2,306.50												
1/4	1/4	1/4	1/4	1/4	4,004.45	1/4	3,721.62	1/4	3,438.78	1/4	3,154.80	1/4	2,870.06	1/4	2,585.31	1/4	2,300.56												
1/2	1/2	1/2	1/2	1/2	3,998.56	1/2	3,715.72	1/2	3,432.89	1/2	3,148.87	1/2	2,864.12	1/2	2,579.38	1/2	2,294.63												
3/4	3/4	3/4	3/4	3/4	3,992.67	3/4	3,709.83	3/4	3,427.00	3/4	3,142.94	3/4	2,858.19	3/4	2,573.45	3/4	2,288.70												
3	3	3	3	3	3,986.77	3	3,703.94	3	3,421.10	3	3,137.01	3	2,852.26	3	2,567.51	3	2,282.77												
1/4	1/4	1/4	1/4	1/4	3,980.88	1/4	3,698.05	1/4	3,415.21	1/4	3,131.07	1/4	2,846.33	1/4	2,561.58	1/4	2,276.84												
1/2	1/2	1/2	1/2	1/2	3,974.99	1/2	3,692.15	1/2	3,409.32	1/2	3,125.14	1/2	2,840.40	1/2	2,555.65	1/2	2,270.90												
3/4	3/4	3/4	3/4	3/4	3,969.10	3/4	3,686.26	3/4	3,403.43	3/4	3,119.21	3/4	2,834.46	3/4	2,549.72	3/4	2,264.97												
4	4	4	4	4	3,963.20	4	3,680.37	4	3,397.53	4	3,113.28	4	2,828.53	4	2,543.79	4	2,259.04												
1/4	1/4	1/4	1/4	1/4	3,957.31	1/4	3,674.48	1/4	3,391.64	1/4	3,107.34	1/4	2,822.60	1/4	2,537.85	1/4	2,253.11												
1/2	1/2	1/2	1/2	1/2	3,951.42	1/2	3,668.58	1/2	3,385.75	1/2	3,101.41	1/2	2,816.67	1/2	2,531.92	1/2	2,247.18												
3/4	3/4	3/4	3/4	3/4	3,945.53	3/4	3,662.69	3/4	3,379.86	3/4	3,095.48	3/4	2,810.73	3/4	2,525.99	3/4	2,241.24												
5	5	5	5	5	3,939.63	5	3,656.80	5	3,373.96	5	3,089.55	5	2,804.80	5	2,520.06	5	2,235.30												
1/4	1/4	1/4	1/4	1/4	3,933.74	1/4	3,650.91	1/4	3,368.07	1/4	3,083.62	1/4	2,798.87	1/4	2,514.12	1/4	2,229.36												
1/2	1/2	1/2	1/2	1/2	3,927.85	1/2	3,645.01	1/2	3,362.18	1/2	3,077.68	1/2	2,792.94	1/2	2,508.19	1/2	2,223.43												
3/4	3/4	3/4	3/4	3/4	3,921.96	3/4	3,639.12	3/4	3,356.29	3/4	3,071.75	3/4	2,787.01	3/4	2,502.26	3/4	2,217.48												
6	6	6	6	6	3,916.06	6	3,633.23	6	3,350.39	6	3,065.82	6	2,781.07	6	2,496.33	6	2,211.54												
1/4	1/4	1/4	1/4	1/4	3,910.17	1/4	3,627.34	1/4	3,344.50	1/4	3,059.89	1/4	2,775.14	1/4	2,490.40	1/4	2,205.60												
1/2	1/2	1/2	1/2	1/2	3,904.28	1/2	3,621.44	1/2	3,338.61	1/2	3,053.95	1/2	2,769.21	1/2	2,484.46	1/2	2,199.65												
3/4	3/4	3/4	3/4	3/4	3,898.39	3/4	3,615.55	3/4	3,332.70	3/4	3,048.02	3/4	2,763.28	3/4	2,478.63	3/4	2,193.71												
7	7	7	7	4,158.29	7	3,892.49	7	3,609.66	7	3,326.79	7	3,042.09	7	2,757.34	7	2,472.60	7	2,187.77											
1/4	1/4	1/4	1/4	1/4	4,155.45	1/4	3,886.60	1/4	3,603.77	1/4	3,320.88	1/4	3,036.16	1/4	2,751.41	1/4	2,181.83												
1/2	1/2	1/2	1/2	1/2	4,152.60	1/2	3,880.71	1/2	3,597.87	1/2	3,314.97	1/2	3,030.23	1/2	2,745.48	1/2	2,175.88												
3/4	3/4	3/4	3/4	3/4	4,148.57	3/4	3,874.82	3/4	3,591.98	3/4	3,309.04	3/4	3,024.29	3/4	2,739.55	3/4	2,169.94												
8	8	8	8	4,144.54	8	3,868.93	8	3,586.09	8	3,303.11	8	3,018.36	8	2,733.62	8	2,448.87	8	2,164.00											
1/4	1/4	1/4	1/4	1/4	4,140.51	1/4	3,863.03	1/4	3,580.20	1/4	3,297.17	1/4	3,012.43	1/4	2,727.68	1/4	2,158.06												
1/2	1/2	1/2	1/2	1/2	4,136.48	1/2	3,857.14	1/2	3,574.31	1/2	3,291.24	1/2	3,006.50	1/2	2,721.75	1/2	2,152.11												
3/4	3/4	3/4	3/4	3/4	4,131.35	3/4	3,851.25	3/4	3,568.41	3/4	3,285.31	3/4	3,000.56	3/4	2,715.82	3/4	2,146.17												
9	9	9	9	4,126.22	9	3,845.36	9	3,562.52	9	3,279.38	9	2,994.63	9	2,709.89	9	2,425.14	9	2,140.23											
1/4	1/4	1/4	1/4	1/4	4,121.08	1/4	3,839.46	1/4	3,556.63	1/4	3,273.45	1/4	2,988.70	1/4	2,703.95	1/4	2,134.29												
1/2	1/2	1/2	1/2	1/2	4,115.95	1/2	3,833.57	1/2	3,550.74	1/2	3,267.51	1/2	2,982.77	1/2	2,698.02	1/2	2,128.34												
3/4	3/4	3/4	3/4	3/4	4,110.18	3/4	3,827.68	3/4	3,544.84	3/4	3,261.58	3/4	2,976.84	3/4	2,692.09	3/4	2,122.40												
10	10	10	10	4,104.42	10	3,821.79	10	3,538.95	10	3,255.65	10	2,970.90	10	2,686.16	10	2,401.41	10	2,116.46											
1/4	1/4	1/4	1/4	1/4	4,098.65	1/4	3,815.89	1/4	3,533.06	1/4	3,249.72	1/4	2,964.97	1/4	2,680.23	1/4	2,110.51												
1/2	1/2	1/2	1/2	1/2	4,092.88	1/2	3,810.00	1/2	3,527.17	1/2	3,243.78	1/2	2,959.04	1/2	2,674.29	1/2	2,104.57												
3/4	3/4	3/4	3/4	3/4	4,086.99	3/4	3,804.11	3/4	3,521.27	3/4	3,237.85	3/4	2,953.11	3/4	2,668.36	3/4	2,098.63												
11	11	11	11	4,081.10	11	3,798.22	11	3,515.38	11	3,231.92	11	2,947.17	11	2,662.43	11	2,377.68	11	2,092.69											
1/4	1/4	1/4	1/4	1/4	4,075.21	1/4	3,792.32	1/4	3,509.49	1/4	3,225.99	1/4	2,941.24	1/4	2,656.50	1/4	2,086.74												
1/2	1/2	1/2	1/2	1/2	4,069.31	1/2	3,786.43	1/2	3,503.60	1/2	3,220.06	1/2	2,935.31	1/2	2,650.56	1/2	2,080.80												
3/4	3/4	3/4	3/4	3/4	4,063.41	3/4	3,780.54	3/4	3,497.70	3/4	3,214.12	3/4	2,929.38	3/4	2,644.63	3/4	2,074.86												

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE /IEB 345"

2 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	2,068.92	0	1,783.67	0	1,498.42	0	1,213.17	0	927.92	0	649.47	0	368.36	0	83.29	0		0	
1/4	2,062.97	1/4	1,777.72	1/4	1,492.47	1/4	1,207.22	1/4	921.97	1/4	643.76	1/4	362.42	1/4	77.38	1/4		1/4	
1/2	2,057.03	1/2	1,771.78	1/2	1,486.53	1/2	1,201.28	1/2	916.03	1/2	638.05	1/2	356.47	1/2	71.47	1/2		1/2	
3/4	2,051.09	3/4	1,765.84	3/4	1,480.59	3/4	1,195.34	3/4	910.09	3/4	632.33	3/4	350.53	3/4	65.59	3/4		3/4	
1	2,045.14	1	1,759.89	1	1,474.65	1	1,189.40	1	904.15	1	626.62	1	344.59	1	59.71	1		1	
1/4	2,039.20	1/4	1,753.95	1/4	1,468.70	1/4	1,183.45	1/4	898.20	1/4	620.91	1/4	338.65	1/4	53.82	1/4		1/4	
1/2	2,033.26	1/2	1,748.01	1/2	1,462.76	1/2	1,177.51	1/2	892.26	1/2	615.19	1/2	332.70	1/2	47.94	1/2		1/2	
3/4	2,027.32	3/4	1,742.07	3/4	1,456.82	3/4	1,171.57	3/4	886.32	3/4	609.48	3/4	326.76	3/4	42.53	3/4		3/4	
2	2,021.37	2	1,736.12	2	1,450.87	2	1,165.62	2	880.38	2	603.77	2	320.82	2	37.12	2		2	
1/4	2,015.43	1/4	1,730.18	1/4	1,444.93	1/4	1,159.68	1/4	874.43	1/4	598.05	1/4	314.88	1/4	31.71	1/4		1/4	
1/2	2,009.49	1/2	1,724.24	1/2	1,438.99	1/2	1,153.74	1/2	868.49	1/2	592.34	1/2	308.93	1/2	26.31	1/2		1/2	
3/4	2,003.55	3/4	1,718.30	3/4	1,433.05	3/4	1,147.80	3/4	862.55	3/4	586.63	3/4	302.99	3/4	22.35	3/4		3/4	
3	1,997.60	3	1,712.35	3	1,427.10	3	1,141.85	3	856.60	3	580.91	3	297.05	3	18.39	3		3	
1/4	1,991.66	1/4	1,706.41	1/4	1,421.16	1/4	1,135.91	1/4	850.66	1/4	575.20	1/4	291.11	1/4	14.43	1/4		1/4	
1/2	1,985.72	1/2	1,700.47	1/2	1,415.22	1/2	1,129.97	1/2	844.72	1/2	569.49	1/2	285.16	1/2	10.47	1/2		1/2	
3/4	1,979.77	3/4	1,694.53	3/4	1,409.28	3/4	1,124.03	3/4	838.83	3/4	563.72	3/4	279.22	3/4		3/4		3/4	
4	1,973.83	4	1,688.58	4	1,403.33	4	1,118.08	4	832.95	4	557.94	4	273.28	4		4		4	
1/4	1,967.89	1/4	1,682.64	1/4	1,397.39	1/4	1,112.14	1/4	827.06	1/4	552.17	1/4	267.34	1/4		1/4		1/4	
1/2	1,961.95	1/2	1,676.70	1/2	1,391.45	1/2	1,106.20	1/2	821.17	1/2	546.40	1/2	261.39	1/2		1/2		1/2	
3/4	1,956.00	3/4	1,670.75	3/4	1,385.50	3/4	1,100.26	3/4	815.40	3/4	540.52	3/4	255.45	3/4		3/4		3/4	
5	1,950.06	5	1,664.81	5	1,379.56	5	1,094.31	5	809.62	5	534.63	5	249.51	5		5		5	
1/4	1,944.12	1/4	1,658.87	1/4	1,373.62	1/4	1,088.37	1/4	803.85	1/4	528.75	1/4	243.57	1/4		1/4		1/4	
1/2	1,938.18	1/2	1,652.93	1/2	1,367.68	1/2	1,082.43	1/2	798.08	1/2	522.86	1/2	237.62	1/2		1/2		1/2	
3/4	1,932.23	3/4	1,646.98	3/4	1,361.73	3/4	1,076.48	3/4	792.36	3/4	516.92	3/4	231.68	3/4		3/4		3/4	
6	1,926.29	6	1,641.04	6	1,355.79	6	1,070.54	6	786.64	6	510.98	6	225.74	6		6		6	
1/4	1,920.35	1/4	1,635.10	1/4	1,349.85	1/4	1,064.60	1/4	780.92	1/4	505.04	1/4	219.80	1/4		1/4		1/4	
1/2	1,914.41	1/2	1,629.16	1/2	1,343.91	1/2	1,058.66	1/2	775.21	1/2	499.09	1/2	213.86	1/2		1/2		1/2	
3/4	1,908.46	3/4	1,623.21	3/4	1,337.96	3/4	1,052.71	3/4	769.49	3/4	493.15	3/4	207.91	3/4		3/4		3/4	
7	1,902.52	7	1,617.27	7	1,332.02	7	1,046.77	7	763.77	7	487.21	7	201.97	7		7		7	
1/4	1,896.58	1/4	1,611.33	1/4	1,326.08	1/4	1,040.83	1/4	758.05	1/4	481.27	1/4	196.03	1/4		1/4		1/4	
1/2	1,890.63	1/2	1,605.38	1/2	1,320.14	1/2	1,034.89	1/2	752.33	1/2	475.32	1/2	190.08	1/2		1/2		1/2	
3/4	1,884.69	3/4	1,599.44	3/4	1,314.19	3/4	1,028.94	3/4	746.62	3/4	469.38	3/4	184.14	3/4		3/4		3/4	
8	1,878.75	8	1,593.50	8	1,308.25	8	1,023.00	8	740.90	8	463.44	8	178.20	8		8		8	
1/4	1,872.81	1/4	1,587.56	1/4	1,302.31	1/4	1,017.06	1/4	735.18	1/4	457.50	1/4	172.26	1/4		1/4		1/4	
1/2	1,866.86	1/2	1,581.61	1/2	1,296.36	1/2	1,011.11	1/2	729.47	1/2	451.55	1/2	166.32	1/2		1/2		1/2	
3/4	1,860.92	3/4	1,575.67	3/4	1,290.42	3/4	1,005.17	3/4	723.75	3/4	445.61	3/4	160.37	3/4		3/4		3/4	
9	1,854.98	9	1,569.73	9	1,284.48	9	999.23	9	718.04	9	439.67	9	154.43	9		9		9	
1/4	1,849.04	1/4	1,563.79	1/4	1,278.54	1/4	993.29	1/4	712.32	1/4	433.73	1/4	148.49	1/4		1/4		1/4	
1/2	1,843.09	1/2	1,557.84	1/2	1,272.59	1/2	987.34	1/2	706.61	1/2	427.78	1/2	142.55	1/2		1/2		1/2	
3/4	1,837.15	3/4	1,551.90	3/4	1,266.65	3/4	981.40	3/4	700.89	3/4	421.84	3/4	136.62	3/4		3/4		3/4	
10	1,831.21	10	1,545.96	10	1,260.71	10	975.46	10	695.18	10	415.90	10	130.68	10		10		10	
1/4	1,825.26	1/4	1,540.02	1/4	1,254.77	1/4	969.52	1/4	689.47	1/4	409.96	1/4	124.75	1/4		1/4		1/4	
1/2	1,819.32	1/2	1,534.07	1/2	1,248.82	1/2	963.57	1/2	683.75	1/2	404.01	1/2	118.81	1/2		1/2		1/2	
3/4	1,813.38	3/4	1,528.13	3/4	1,242.88	3/4	957.63	3/4	678.04	3/4	398.07	3/4	112.89	3/4		3/4		3/4	
11	1,807.44	11	1,522.19	11	1,236.94	11	951.69	11	672.33	11	392.13	11	106.96	11		11		11	
1/4	1,801.49	1/4	1,516.24	1/4	1,230.99	1/4	945.75	1/4	666.61	1/4	386.19	1/4	101.04	1/4		1/4		1/4	
1/2	1,795.55	1/2	1,510.30	1/2	1,225.05	1/2	939.80	1/2	660.90	1/2	380.24	1/2	95.11	1/2		1/2		1/2	
3/4	1,789.61	3/4	1,504.36	3/4	1,219.11	3/4	933.86	3/4	655.19	3/4	374.30	3/4	89.20	3/4		3/4		3/4	

STRAPPED: 02/14/2014 SW
CALCULATED: 02/15/2014 CL
PRINTED: 02/17/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 345"

2 STBL 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	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
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
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	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

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE /VEB 345"

2 STBL 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	2,073.48	0	1,788.23	0	1,502.98	0	1,217.73	0	932.48	0	647.43	0	362.42	0	77.38	0		0	
1/4	2,067.63	1/4	1,782.28	1/4	1,497.03	1/4	1,211.78	1/4	926.53	1/4	641.50	1/4	356.47	1/4	71.47	1/4		1/4	
1/2	2,061.69	1/2	1,776.34	1/2	1,491.09	1/2	1,205.84	1/2	920.59	1/2	635.57	1/2	350.53	1/2	65.59	1/2		1/2	
3/4	2,055.65	3/4	1,770.40	3/4	1,485.15	3/4	1,199.90	3/4	914.65	3/4	629.64	3/4	344.59	3/4	59.71	3/4		3/4	
1	2,049.71	1	1,764.46	1	1,479.21	1	1,193.96	1	908.71	1	623.71	1	338.65	1	53.82	1		1	
1/4	2,043.76	1/4	1,758.51	1/4	1,473.26	1/4	1,188.01	1/4	902.76	1/4	617.78	1/4	332.70	1/4	47.94	1/4		1/4	
1/2	2,037.82	1/2	1,752.57	1/2	1,467.32	1/2	1,182.07	1/2	896.82	1/2	611.85	1/2	326.76	1/2	42.53	1/2		1/2	
3/4	2,031.88	3/4	1,746.63	3/4	1,461.38	3/4	1,176.13	3/4	890.88	3/4	605.93	3/4	320.82	3/4	37.12	3/4		3/4	
2	2,025.93	2	1,740.68	2	1,455.44	2	1,170.19	2	884.94	2	600.00	2	314.88	2	31.71	2		2	
1/4	2,019.99	1/4	1,734.74	1/4	1,449.49	1/4	1,164.24	1/4	878.99	1/4	594.07	1/4	308.93	1/4	26.31	1/4		1/4	
1/2	2,014.05	1/2	1,728.80	1/2	1,443.55	1/2	1,158.30	1/2	873.05	1/2	588.14	1/2	302.99	1/2	22.35	1/2		1/2	
3/4	2,008.11	3/4	1,722.86	3/4	1,437.61	3/4	1,152.36	3/4	867.11	3/4	582.21	3/4	297.05	3/4	18.39	3/4		3/4	
3	2,002.16	3	1,716.91	3	1,431.66	3	1,146.41	3	861.17	3	576.28	3	291.11	3	14.43	3		3	
1/4	1,996.22	1/4	1,710.97	1/4	1,425.72	1/4	1,140.47	1/4	855.22	1/4	570.35	1/4	285.16	1/4	10.47	1/4		1/4	
1/2	1,990.28	1/2	1,705.03	1/2	1,419.78	1/2	1,134.53	1/2	849.28	1/2	564.42	1/2	279.22	1/2		1/2		1/2	
3/4	1,984.34	3/4	1,699.09	3/4	1,413.84	3/4	1,128.59	3/4	843.34	3/4	558.48	3/4	273.28	3/4		3/4		3/4	
4	1,978.39	4	1,693.14	4	1,407.89	4	1,122.64	4	837.39	4	552.55	4	267.34	4		4		4	
1/4	1,972.45	1/4	1,687.20	1/4	1,401.95	1/4	1,116.70	1/4	831.45	1/4	546.62	1/4	261.39	1/4		1/4		1/4	
1/2	1,966.51	1/2	1,681.26	1/2	1,396.01	1/2	1,110.76	1/2	825.51	1/2	540.68	1/2	255.45	1/2		1/2		1/2	
3/4	1,960.56	3/4	1,675.31	3/4	1,390.07	3/4	1,104.82	3/4	819.57	3/4	534.74	3/4	249.51	3/4		3/4		3/4	
5	1,954.62	5	1,669.37	5	1,384.12	5	1,098.87	5	813.62	5	528.80	5	243.57	5		5		5	
1/4	1,948.68	1/4	1,663.43	1/4	1,378.18	1/4	1,092.93	1/4	807.68	1/4	522.86	1/4	237.62	1/4		1/4		1/4	
1/2	1,942.74	1/2	1,657.49	1/2	1,372.24	1/2	1,086.99	1/2	801.74	1/2	516.92	1/2	231.68	1/2		1/2		1/2	
3/4	1,936.79	3/4	1,651.54	3/4	1,366.29	3/4	1,081.04	3/4	795.80	3/4	510.98	3/4	225.74	3/4		3/4		3/4	
6	1,930.85	6	1,645.60	6	1,360.35	6	1,075.10	6	789.85	6	505.04	6	219.80	6		6		6	
1/4	1,924.91	1/4	1,639.66	1/4	1,354.41	1/4	1,069.16	1/4	783.91	1/4	499.09	1/4	213.85	1/4		1/4		1/4	
1/2	1,918.97	1/2	1,633.72	1/2	1,348.47	1/2	1,063.22	1/2	777.97	1/2	493.15	1/2	207.91	1/2		1/2		1/2	
3/4	1,913.02	3/4	1,627.77	3/4	1,342.52	3/4	1,057.27	3/4	772.02	3/4	487.21	3/4	201.97	3/4		3/4		3/4	
7	1,907.08	7	1,621.83	7	1,336.58	7	1,051.33	7	766.08	7	481.27	7	196.03	7		7		7	
1/4	1,901.14	1/4	1,615.89	1/4	1,330.64	1/4	1,045.39	1/4	760.14	1/4	475.32	1/4	190.08	1/4		1/4		1/4	
1/2	1,895.19	1/2	1,609.95	1/2	1,324.70	1/2	1,039.45	1/2	754.20	1/2	469.38	1/2	184.14	1/2		1/2		1/2	
3/4	1,889.25	3/4	1,604.00	3/4	1,318.75	3/4	1,033.50	3/4	748.26	3/4	463.44	3/4	178.20	3/4		3/4		3/4	
8	1,883.31	8	1,598.06	8	1,312.81	8	1,027.56	8	742.32	8	457.50	8	172.26	8		8		8	
1/4	1,877.37	1/4	1,592.12	1/4	1,306.87	1/4	1,021.62	1/4	736.38	1/4	451.55	1/4	166.32	1/4		1/4		1/4	
1/2	1,871.42	1/2	1,586.17	1/2	1,300.92	1/2	1,015.68	1/2	730.45	1/2	445.61	1/2	160.37	1/2		1/2		1/2	
3/4	1,865.48	3/4	1,580.23	3/4	1,294.98	3/4	1,009.73	3/4	724.52	3/4	439.67	3/4	154.43	3/4		3/4		3/4	
9	1,859.54	9	1,574.29	9	1,289.04	9	1,003.79	9	718.59	9	433.73	9	148.49	9		9		9	
1/4	1,853.60	1/4	1,568.35	1/4	1,283.10	1/4	997.85	1/4	712.65	1/4	427.78	1/4	142.55	1/4		1/4		1/4	
1/2	1,847.65	1/2	1,562.40	1/2	1,277.15	1/2	991.90	1/2	706.72	1/2	421.84	1/2	136.62	1/2		1/2		1/2	
3/4	1,841.71	3/4	1,556.46	3/4	1,271.21	3/4	985.96	3/4	700.79	3/4	415.90	3/4	130.68	3/4		3/4		3/4	
10	1,835.77	10	1,550.52	10	1,265.27	10	980.02	10	694.86	10	409.96	10	124.75	10		10		10	
1/4	1,829.83	1/4	1,544.58	1/4	1,259.33	1/4	974.08	1/4	688.94	1/4	404.01	1/4	118.81	1/4		1/4		1/4	
1/2	1,823.88	1/2	1,538.63	1/2	1,253.38	1/2	968.13	1/2	683.01	1/2	398.07	1/2	112.89	1/2		1/2		1/2	
3/4	1,817.94	3/4	1,532.69	3/4	1,247.44	3/4	962.19	3/4	677.08	3/4	392.13	3/4	106.96	3/4		3/4		3/4	
11	1,812.00	11	1,526.75	11	1,241.50	11	956.25	11	671.15	11	386.19	11	101.04	11		11		11	
1/4	1,806.05	1/4	1,520.80	1/4	1,235.56	1/4	950.31	1/4	665.22	1/4	380.24	1/4	95.11	1/4		1/4		1/4	
1/2	1,800.11	1/2	1,514.86	1/2	1,229.61	1/2	944.36	1/2	659.29	1/2	374.30	1/2	89.20	1/2		1/2		1/2	
3/4	1,794.17	3/4	1,508.92	3/4	1,223.67	3/4	938.42	3/4	653.36	3/4	368.36	3/4	83.29	3/4		3/4		3/4	

STRAPPED: 02/14/2014 SW
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PRINTED: 02/17/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE WEB 345"

**3 PORT
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.		
0		0		0		0	4,391.58	0	4,084.90	0	3,778.24	0	3,470.74	0	3,162.17	0	2,853.60	0	2,545.03		
1/4		1/4		1/4		1/4	4,385.19	1/4	4,078.51	1/4	3,771.85	1/4	3,464.31	1/4	3,155.74	1/4	2,847.17	1/4	2,538.60		
1/2		1/2		1/2		1/2	4,378.79	1/2	4,072.12	1/2	3,765.46	1/2	3,457.88	1/2	3,149.31	1/2	2,840.74	1/2	2,532.18		
3/4		3/4		3/4		3/4	4,372.40	3/4	4,065.73	3/4	3,759.07	3/4	3,451.45	3/4	3,142.88	3/4	2,834.32	3/4	2,525.75		
1		1		1		1	4,366.00	1	4,059.34	1	3,752.68	1	3,445.02	1	3,136.45	1	2,827.89	1	2,519.32		
1/4		1/4		1/4		1/4	4,359.61	1/4	4,052.95	1/4	3,746.30	1/4	3,438.59	1/4	3,130.03	1/4	2,821.46	1/4	2,512.89		
1/2		1/2		1/2		1/2	4,353.22	1/2	4,046.56	1/2	3,739.91	1/2	3,432.17	1/2	3,123.60	1/2	2,815.03	1/2	2,506.46		
3/4		3/4		3/4		3/4	4,346.83	3/4	4,040.18	3/4	3,733.52	3/4	3,425.74	3/4	3,117.17	3/4	2,808.60	3/4	2,500.03		
2		2		2		2	4,340.44	2	4,033.79	2	3,727.13	2	3,419.31	2	3,110.74	2	2,802.17	2	2,493.60		
1/4		1/4		1/4		1/4	4,334.06	1/4	4,027.40	1/4	3,720.74	1/4	3,412.88	1/4	3,104.31	1/4	2,795.74	1/4	2,487.18		
1/2		1/2		1/2		1/2	4,327.67	1/2	4,021.01	1/2	3,714.35	1/2	3,406.45	1/2	3,097.88	1/2	2,789.32	1/2	2,480.75		
3/4		3/4		3/4		3/4	4,321.28	3/4	4,014.62	3/4	3,707.96	3/4	3,400.02	3/4	3,091.46	3/4	2,782.89	3/4	2,474.32		
3		3		3		3	4,314.89	3	4,008.23	3	3,701.57	3	3,393.59	3	3,085.03	3	2,776.46	3	2,467.89		
1/4		1/4		1/4		1/4	4,308.50	1/4	4,001.84	1/4	3,695.19	1/4	3,387.17	1/4	3,078.60	1/4	2,770.03	1/4	2,461.46		
1/2		1/2		1/2		1/2	4,302.11	1/2	3,995.45	1/2	3,688.80	1/2	3,380.74	1/2	3,072.17	1/2	2,763.60	1/2	2,455.03		
3/4		3/4		3/4		3/4	4,295.72	3/4	3,989.07	3/4	3,682.41	3/4	3,374.31	3/4	3,066.74	3/4	2,757.17	3/4	2,448.61		
4		4		4		4	4,289.33	4	3,982.68	4	3,676.02	4	3,367.88	4	3,059.31	4	2,750.74	4	2,442.18		
1/4		1/4		1/4		1/4	4,282.95	1/4	3,976.29	1/4	3,669.63	1/4	3,361.45	1/4	3,052.88	1/4	2,744.32	1/4	2,435.75		
1/2		1/2		1/2		1/2	4,276.56	1/2	3,969.90	1/2	3,663.24	1/2	3,355.02	1/2	3,046.46	1/2	2,737.89	1/2	2,429.31		
3/4		3/4		3/4		3/4	4,270.17	3/4	3,963.51	3/4	3,656.85	3/4	3,348.60	3/4	3,040.03	3/4	2,731.46	3/4	2,422.88		
5		5		5		5	4,263.78	5	3,957.12	5	3,650.46	5	3,342.17	5	3,033.60	5	2,725.03	5	2,416.44		
1/4		1/4		1/4		1/4	4,257.39	1/4	3,950.73	1/4	3,644.08	1/4	3,335.74	1/4	3,027.17	1/4	2,718.60	1/4	2,410.01		
1/2		1/2		1/2		1/2	4,251.00	1/2	3,944.34	1/2	3,637.69	1/2	3,329.31	1/2	3,020.74	1/2	2,712.17	1/2	2,403.57		
3/4		3/4		3/4		3/4	4,244.61	3/4	3,937.96	3/4	3,631.30	3/4	3,322.88	3/4	3,014.31	3/4	2,705.75	3/4	2,397.13		
6		6		6		6	4,238.22	6	3,931.57	6	3,624.91	6	3,316.45	6	3,007.88	6	2,699.32	6	2,390.69		
1/4		1/4		1/4		1/4	4,231.84	1/4	3,925.18	1/4	3,618.52	1/4	3,310.02	1/4	3,001.46	1/4	2,692.89	1/4	2,384.25		
1/2		1/2		1/2		1/2	4,225.45	1/2	3,918.79	1/2	3,612.11	1/2	3,303.60	1/2	2,995.03	1/2	2,686.46	1/2	2,377.81		
3/4		3/4		3/4		3/4	4,507.33	3/4	4,219.06	3/4	3,912.40	3/4	3,605.70	3/4	3,297.17	3/4	2,988.60	3/4	2,371.37		
7		7		7		7	4,504.24	7	4,212.67	7	3,906.01	7	3,599.29	7	3,290.74	7	2,982.17	7	2,673.60	7	2,364.93
1/4		1/4		1/4		1/4	4,501.15	1/4	4,206.28	1/4	3,899.62	1/4	3,592.88	1/4	3,284.31	1/4	2,975.74	1/4	2,667.17	1/4	2,358.49
1/2		1/2		1/2		1/2	4,496.77	1/2	4,199.89	1/2	3,893.24	1/2	3,586.45	1/2	3,277.88	1/2	2,969.31	1/2	2,660.75	1/2	2,352.05
3/4		3/4		3/4		3/4	4,492.39	3/4	4,193.50	3/4	3,886.85	3/4	3,580.02	3/4	3,271.45	3/4	2,962.89	3/4	2,654.32	3/4	2,345.62
8		8		8		8	4,488.02	8	4,187.12	8	3,880.46	8	3,573.59	8	3,265.02	8	2,956.46	8	2,647.89	8	2,339.18
1/4		1/4		1/4		1/4	4,483.64	1/4	4,180.73	1/4	3,874.07	1/4	3,567.16	1/4	3,258.60	1/4	2,950.03	1/4	2,641.46	1/4	2,332.74
1/2		1/2		1/2		1/2	4,478.06	1/2	4,174.34	1/2	3,867.68	1/2	3,560.74	1/2	3,252.17	1/2	2,943.60	1/2	2,635.03	1/2	2,326.30
3/4		3/4		3/4		3/4	4,472.49	3/4	4,167.95	3/4	3,861.29	3/4	3,554.31	3/4	3,245.74	3/4	2,937.17	3/4	2,628.60	3/4	2,319.86
9		9		9		9	4,466.92	9	4,161.56	9	3,854.90	9	3,547.88	9	3,239.31	9	2,930.74	9	2,622.17	9	2,313.42
1/4		1/4		1/4		1/4	4,461.34	1/4	4,155.17	1/4	3,848.51	1/4	3,541.45	1/4	3,232.88	1/4	2,924.31	1/4	2,615.75	1/4	2,306.98
1/2		1/2		1/2		1/2	4,455.09	1/2	4,148.78	1/2	3,842.13	1/2	3,535.02	1/2	3,226.45	1/2	2,917.89	1/2	2,609.32	1/2	2,300.54
3/4		3/4		3/4		3/4	4,448.83	3/4	4,142.39	3/4	3,835.74	3/4	3,528.59	3/4	3,220.03	3/4	2,911.46	3/4	2,602.89	3/4	2,294.10
10		10		10		10	4,442.58	10	4,136.01	10	3,829.35	10	3,522.16	10	3,213.60	10	2,905.03	10	2,596.46	10	2,287.66
1/4		1/4		1/4		1/4	4,436.33	1/4	4,129.62	1/4	3,822.96	1/4	3,515.74	1/4	3,207.17	1/4	2,898.60	1/4	2,590.03	1/4	2,281.22
1/2		1/2		1/2		1/2	4,429.94	1/2	4,123.23	1/2	3,816.57	1/2	3,509.31	1/2	3,200.74	1/2	2,892.17	1/2	2,583.60	1/2	2,274.79
3/4		3/4		3/4		3/4	4,423.55	3/4	4,116.84	3/4	3,810.18	3/4	3,502.88	3/4	3,194.31	3/4	2,885.74	3/4	2,577.18	3/4	2,268.35
11		11		11		11	4,417.16	11	4,110.45	11	3,803.79	11	3,496.45	11	3,187.88	11	2,879.31	11	2,570.75	11	2,261.91
1/4		1/4		1/4		1/4	4,410.77	1/4	4,104.06	1/4	3,797.40	1/4	3,490.02	1/4	3,181.45	1/4	2,872.89	1/4	2,564.32	1/4	2,255.47
1/2		1/2		1/2		1/2	4,404.38	1/2	4,097.67	1/2	3,791.02	1/2	3,483.59	1/2	3,175.03	1/2	2,866.46	1/2	2,557.89	1/2	2,249.03
3/4		3/4		3/4		3/4	4,397.98	3/4	4,091.28	3/4	3,784.63	3/4	3,477.17	3/4	3,168.60	3/4	2,860.03	3/4	2,551.46	3/4	2,242.59

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "WEB 345"

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	2,236.15	0	1,927.07	0	1,618.00	0	1,308.92	0	999.84	0	697.81	0	392.65	0	83.80	0		0	
1/4	2,229.71	1/4	1,920.64	1/4	1,611.56	1/4	1,302.48	1/4	993.40	1/4	691.60	1/4	386.21	1/4	77.40	1/4		1/4	
1/2	2,223.27	1/2	1,914.20	1/2	1,605.12	1/2	1,296.04	1/2	986.97	1/2	685.39	1/2	379.77	1/2	71.02	1/2		1/2	
3/4	2,216.83	3/4	1,907.76	3/4	1,598.68	3/4	1,289.60	3/4	980.53	3/4	679.18	3/4	373.33	3/4	64.65	3/4		3/4	
1	2,210.39	1	1,901.32	1	1,592.24	1	1,283.16	1	974.09	1	672.97	1	366.89	1	58.27	1		1	
1/4	2,203.96	1/4	1,894.88	1/4	1,585.80	1/4	1,276.73	1/4	967.65	1/4	666.77	1/4	360.45	1/4	51.90	1/4		1/4	
1/2	2,197.52	1/2	1,888.44	1/2	1,579.36	1/2	1,270.29	1/2	961.21	1/2	660.56	1/2	354.01	1/2	46.04	1/2		1/2	
3/4	2,191.08	3/4	1,882.00	3/4	1,572.92	3/4	1,263.85	3/4	954.77	3/4	654.35	3/4	347.57	3/4	40.18	3/4		3/4	
2	2,184.64	2	1,875.56	2	1,566.48	2	1,257.41	2	948.33	2	648.14	2	341.13	2	34.32	2		2	
1/4	2,178.20	1/4	1,869.12	1/4	1,560.05	1/4	1,250.97	1/4	941.89	1/4	641.93	1/4	334.70	1/4	28.46	1/4		1/4	
1/2	2,171.76	1/2	1,862.68	1/2	1,553.61	1/2	1,244.53	1/2	935.45	1/2	635.72	1/2	328.26	1/2	24.17	1/2		1/2	
3/4	2,165.32	3/4	1,856.24	3/4	1,547.17	3/4	1,238.09	3/4	929.01	3/4	629.51	3/4	321.82	3/4	19.88	3/4		3/4	
3	2,158.88	3	1,849.80	3	1,540.73	3	1,231.65	3	922.57	3	623.30	3	315.38	3	15.59	3		3	
1/4	2,152.44	1/4	1,843.37	1/4	1,534.29	1/4	1,225.21	1/4	916.14	1/4	617.09	1/4	308.94	1/4	11.29	1/4		1/4	
1/2	2,146.00	1/2	1,836.93	1/2	1,527.85	1/2	1,218.77	1/2	909.75	1/2	610.82	1/2	302.50	1/2		1/2		1/2	
3/4	2,139.56	3/4	1,830.49	3/4	1,521.41	3/4	1,212.33	3/4	903.37	3/4	604.56	3/4	296.06	3/4		3/4		3/4	
4	2,133.13	4	1,824.05	4	1,514.97	4	1,205.89	4	896.99	4	598.29	4	289.62	4		4		4	
1/4	2,126.69	1/4	1,817.61	1/4	1,508.53	1/4	1,199.46	1/4	890.60	1/4	592.02	1/4	283.18	1/4		1/4		1/4	
1/2	2,120.25	1/2	1,811.17	1/2	1,502.09	1/2	1,193.02	1/2	884.33	1/2	585.64	1/2	276.75	1/2		1/2		1/2	
3/4	2,113.81	3/4	1,804.73	3/4	1,495.65	3/4	1,186.58	3/4	878.06	3/4	579.26	3/4	270.31	3/4		3/4		3/4	
5	2,107.37	5	1,798.29	5	1,489.22	5	1,180.14	5	871.79	5	572.88	5	263.87	5		5		5	
1/4	2,100.93	1/4	1,791.85	1/4	1,482.78	1/4	1,173.70	1/4	865.52	1/4	566.50	1/4	257.43	1/4		1/4		1/4	
1/2	2,094.49	1/2	1,785.41	1/2	1,476.34	1/2	1,167.26	1/2	859.31	1/2	560.06	1/2	250.99	1/2		1/2		1/2	
3/4	2,088.05	3/4	1,778.97	3/4	1,469.90	3/4	1,160.82	3/4	853.10	3/4	553.62	3/4	244.55	3/4		3/4		3/4	
6	2,081.61	6	1,772.54	6	1,463.46	6	1,154.38	6	846.88	6	547.18	6	238.11	6		6		6	
1/4	2,075.17	1/4	1,766.10	1/4	1,457.02	1/4	1,147.94	1/4	840.67	1/4	540.74	1/4	231.67	1/4		1/4		1/4	
1/2	2,068.73	1/2	1,759.66	1/2	1,450.58	1/2	1,141.50	1/2	834.45	1/2	534.30	1/2	225.23	1/2		1/2		1/2	
3/4	2,062.30	3/4	1,753.22	3/4	1,444.14	3/4	1,135.06	3/4	828.24	3/4	527.86	3/4	218.80	3/4		3/4		3/4	
7	2,055.86	7	1,746.78	7	1,437.70	7	1,128.63	7	822.03	7	521.42	7	212.36	7		7		7	
1/4	2,049.42	1/4	1,740.34	1/4	1,431.26	1/4	1,122.19	1/4	815.81	1/4	514.98	1/4	205.92	1/4		1/4		1/4	
1/2	2,042.98	1/2	1,733.90	1/2	1,424.82	1/2	1,115.75	1/2	809.60	1/2	508.55	1/2	199.48	1/2		1/2		1/2	
3/4	2,036.54	3/4	1,727.46	3/4	1,418.39	3/4	1,109.31	3/4	803.39	3/4	502.11	3/4	193.04	3/4		3/4		3/4	
8	2,030.10	8	1,721.02	8	1,411.95	8	1,102.87	8	797.17	8	495.67	8	186.60	8		8		8	
1/4	2,023.66	1/4	1,714.58	1/4	1,405.51	1/4	1,096.43	1/4	790.96	1/4	489.23	1/4	180.16	1/4		1/4		1/4	
1/2	2,017.22	1/2	1,708.14	1/2	1,399.07	1/2	1,089.99	1/2	784.75	1/2	482.79	1/2	173.73	1/2		1/2		1/2	
3/4	2,010.78	3/4	1,701.71	3/4	1,392.63	3/4	1,083.55	3/4	778.54	3/4	476.35	3/4	167.29	3/4		3/4		3/4	
9	2,004.34	9	1,695.27	9	1,386.19	9	1,077.11	9	772.33	9	469.91	9	160.85	9		9		9	
1/4	1,997.90	1/4	1,688.83	1/4	1,379.75	1/4	1,070.67	1/4	766.12	1/4	463.47	1/4	154.42	1/4		1/4		1/4	
1/2	1,991.47	1/2	1,682.39	1/2	1,373.31	1/2	1,064.23	1/2	759.91	1/2	457.03	1/2	147.99	1/2		1/2		1/2	
3/4	1,985.03	3/4	1,675.95	3/4	1,366.87	3/4	1,057.80	3/4	753.70	3/4	450.60	3/4	141.56	3/4		3/4		3/4	
10	1,978.59	10	1,669.51	10	1,360.43	10	1,051.36	10	747.49	10	444.16	10	135.12	10		10		10	
1/4	1,972.15	1/4	1,663.07	1/4	1,353.99	1/4	1,044.92	1/4	741.28	1/4	437.72	1/4	128.69	1/4		1/4		1/4	
1/2	1,965.71	1/2	1,656.63	1/2	1,347.56	1/2	1,038.48	1/2	735.07	1/2	431.28	1/2	122.27	1/2		1/2		1/2	
3/4	1,959.27	3/4	1,650.19	3/4	1,341.12	3/4	1,032.04	3/4	728.86	3/4	424.84	3/4	115.85	3/4		3/4		3/4	
11	1,952.83	11	1,643.75	11	1,334.68	11	1,025.60	11	722.65	11	418.40	11	109.43	11		11		11	
1/4	1,946.39	1/4	1,637.31	1/4	1,328.24	1/4	1,019.16	1/4	716.44	1/4	411.96	1/4	103.01	1/4		1/4		1/4	
1/2	1,939.95	1/2	1,630.88	1/2	1,321.80	1/2	1,012.72	1/2	710.23	1/2	405.52	1/2	96.61	1/2		1/2		1/2	
3/4	1,933.51	3/4	1,624.44	3/4	1,315.36	3/4	1,006.28	3/4	704.02	3/4	399.08	3/4	90.20	3/4		3/4		3/4	

STRAPPED: 02/14/2014 SW
CALCULATED: 02/15/2014 CL
PRINTED: 02/17/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2014

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE WEB 345"

3 STBL ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	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

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.

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PRECISION MEASUREMENT
& ANALYSIS, INC.

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 Pearland, Texas 77588
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BARGE "WEB 345"

3 STBL ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,233.79	0	1,924.71	0	1,615.64	0	1,306.56	0	997.48	0	688.64	0	379.77	0	71.02	0		0	
1/4	2,227.35	1/4	1,918.28	1/4	1,609.20	1/4	1,300.12	1/4	991.05	1/4	682.21	1/4	373.33	1/4	64.65	1/4		1/4	
1/2	2,220.91	1/2	1,911.84	1/2	1,602.76	1/2	1,293.68	1/2	984.61	1/2	675.78	1/2	366.89	1/2	58.27	1/2		1/2	
3/4	2,214.47	3/4	1,905.40	3/4	1,596.32	3/4	1,287.24	3/4	978.17	3/4	669.36	3/4	360.45	3/4	51.90	3/4		3/4	
1	2,208.04	1	1,898.96	1	1,589.88	1	1,280.80	1	971.73	1	662.93	1	354.01	1	46.04	1		1	
1/4	2,201.60	1/4	1,892.52	1/4	1,583.44	1/4	1,274.37	1/4	965.29	1/4	656.51	1/4	347.67	1/4	40.18	1/4		1/4	
1/2	2,195.16	1/2	1,886.08	1/2	1,577.00	1/2	1,267.93	1/2	958.85	1/2	650.08	1/2	341.13	1/2	34.32	1/2		1/2	
3/4	2,188.72	3/4	1,879.64	3/4	1,570.56	3/4	1,261.49	3/4	952.41	3/4	643.66	3/4	334.70	3/4	28.46	3/4		3/4	
2	2,182.28	2	1,873.20	2	1,564.13	2	1,255.05	2	945.97	2	637.23	2	328.26	2	24.17	2		2	
1/4	2,175.84	1/4	1,866.76	1/4	1,557.69	1/4	1,248.61	1/4	939.53	1/4	630.80	1/4	321.82	1/4	19.88	1/4		1/4	
1/2	2,169.40	1/2	1,860.32	1/2	1,551.25	1/2	1,242.17	1/2	933.09	1/2	624.38	1/2	315.38	1/2	15.59	1/2		1/2	
3/4	2,162.96	3/4	1,853.88	3/4	1,544.81	3/4	1,235.73	3/4	926.65	3/4	617.95	3/4	308.94	3/4	11.29	3/4		3/4	
3	2,156.52	3	1,847.45	3	1,538.37	3	1,229.29	3	920.22	3	611.52	3	302.50	3		3		3	
1/4	2,150.08	1/4	1,841.01	1/4	1,531.93	1/4	1,222.85	1/4	913.78	1/4	605.10	1/4	296.06	1/4		1/4		1/4	
1/2	2,143.64	1/2	1,834.57	1/2	1,525.49	1/2	1,216.41	1/2	907.34	1/2	598.67	1/2	289.62	1/2		1/2		1/2	
3/4	2,137.21	3/4	1,828.13	3/4	1,519.05	3/4	1,209.97	3/4	900.90	3/4	592.24	3/4	283.18	3/4		3/4		3/4	
4	2,130.77	4	1,821.69	4	1,512.61	4	1,203.54	4	894.46	4	585.80	4	276.74	4		4		4	
1/4	2,124.33	1/4	1,815.25	1/4	1,506.17	1/4	1,197.10	1/4	888.02	1/4	579.37	1/4	270.31	1/4		1/4		1/4	
1/2	2,117.89	1/2	1,808.81	1/2	1,499.73	1/2	1,190.66	1/2	881.58	1/2	572.93	1/2	263.87	1/2		1/2		1/2	
3/4	2,111.45	3/4	1,802.37	3/4	1,493.30	3/4	1,184.22	3/4	875.14	3/4	566.50	3/4	257.43	3/4		3/4		3/4	
5	2,105.01	5	1,795.93	5	1,486.86	5	1,177.78	5	868.70	5	560.06	5	250.99	5		5		5	
1/4	2,098.57	1/4	1,789.49	1/4	1,480.42	1/4	1,171.34	1/4	862.26	1/4	553.62	1/4	244.55	1/4		1/4		1/4	
1/2	2,092.13	1/2	1,783.05	1/2	1,473.98	1/2	1,164.90	1/2	855.82	1/2	547.18	1/2	238.11	1/2		1/2		1/2	
3/4	2,085.69	3/4	1,776.62	3/4	1,467.54	3/4	1,158.46	3/4	849.39	3/4	540.74	3/4	231.67	3/4		3/4		3/4	
6	2,079.25	6	1,770.18	6	1,461.10	6	1,152.02	6	842.95	6	534.30	6	225.23	6		6		6	
1/4	2,072.81	1/4	1,763.74	1/4	1,454.66	1/4	1,145.58	1/4	836.51	1/4	527.86	1/4	218.79	1/4		1/4		1/4	
1/2	2,066.37	1/2	1,757.30	1/2	1,448.22	1/2	1,139.14	1/2	830.07	1/2	521.42	1/2	212.36	1/2		1/2		1/2	
3/4	2,059.94	3/4	1,750.86	3/4	1,441.78	3/4	1,132.71	3/4	823.63	3/4	514.98	3/4	205.92	3/4		3/4		3/4	
7	2,053.50	7	1,744.42	7	1,435.34	7	1,126.27	7	817.19	7	508.55	7	199.48	7		7		7	
1/4	2,047.06	1/4	1,737.98	1/4	1,428.90	1/4	1,119.83	1/4	810.76	1/4	502.11	1/4	193.04	1/4		1/4		1/4	
1/2	2,040.62	1/2	1,731.54	1/2	1,422.46	1/2	1,113.39	1/2	804.32	1/2	495.67	1/2	186.60	1/2		1/2		1/2	
3/4	2,034.18	3/4	1,725.10	3/4	1,416.03	3/4	1,106.95	3/4	797.89	3/4	489.23	3/4	180.16	3/4		3/4		3/4	
8	2,027.74	8	1,718.66	8	1,409.59	8	1,100.51	8	791.46	8	482.79	8	173.73	8		8		8	
1/4	2,021.30	1/4	1,712.22	1/4	1,403.15	1/4	1,094.07	1/4	785.03	1/4	476.35	1/4	167.29	1/4		1/4		1/4	
1/2	2,014.86	1/2	1,705.79	1/2	1,396.71	1/2	1,087.63	1/2	778.60	1/2	469.91	1/2	160.85	1/2		1/2		1/2	
3/4	2,008.42	3/4	1,699.35	3/4	1,390.27	3/4	1,081.19	3/4	772.17	3/4	463.47	3/4	154.42	3/4		3/4		3/4	
9	2,001.98	9	1,692.91	9	1,383.83	9	1,074.75	9	766.74	9	457.03	9	147.99	9		9		9	
1/4	1,995.54	1/4	1,686.47	1/4	1,377.39	1/4	1,068.31	1/4	760.30	1/4	450.60	1/4	141.55	1/4		1/4		1/4	
1/2	1,989.11	1/2	1,680.03	1/2	1,370.95	1/2	1,061.88	1/2	753.87	1/2	444.16	1/2	135.12	1/2		1/2		1/2	
3/4	1,982.67	3/4	1,673.59	3/4	1,364.51	3/4	1,055.44	3/4	747.44	3/4	437.72	3/4	128.69	3/4		3/4		3/4	
10	1,976.23	10	1,667.15	10	1,358.07	10	1,049.00	10	740.04	10	431.28	10	122.27	10		10		10	
1/4	1,969.79	1/4	1,660.71	1/4	1,351.63	1/4	1,042.56	1/4	733.62	1/4	424.84	1/4	115.85	1/4		1/4		1/4	
1/2	1,963.35	1/2	1,654.27	1/2	1,345.20	1/2	1,036.12	1/2	727.19	1/2	418.40	1/2	109.43	1/2		1/2		1/2	
3/4	1,956.91	3/4	1,647.83	3/4	1,338.76	3/4	1,029.68	3/4	720.76	3/4	411.96	3/4	103.01	3/4		3/4		3/4	
11	1,950.47	11	1,641.39	11	1,332.32	11	1,023.24	11	714.34	11	405.52	11	96.61	11		11		11	
1/4	1,944.03	1/4	1,634.96	1/4	1,325.88	1/4	1,016.80	1/4	707.91	1/4	399.08	1/4	90.20	1/4		1/4		1/4	
1/2	1,937.59	1/2	1,628.52	1/2	1,319.44	1/2	1,010.36	1/2	701.49	1/2	392.65	1/2	83.80	1/2		1/2		1/2	
3/4	1,931.15	3/4	1,622.08	3/4	1,313.00	3/4	1,003.92	3/4	695.06	3/4	386.21	3/4	77.40	3/4		3/4		3/4	

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Pearland, Texas 77588
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BARGE "JEB 345"

4 CENT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,549.90	0	3,071.32	0	2,593.42	0	2,116.74	0	1,637.32	0	1,160.54	0	683.39	0	204.23	0			
1/4	3,539.93	1/4	3,061.35	1/4	2,583.48	1/4	2,105.77	1/4	1,627.35	1/4	1,150.65	1/4	673.40	1/4	194.26	1/4			
1/2	3,529.96	1/2	3,051.38	1/2	2,573.54	1/2	2,095.81	1/2	1,617.39	1/2	1,140.76	1/2	663.42	1/2	184.29	1/2			
3/4	3,519.99	3/4	3,041.41	3/4	2,563.60	3/4	2,085.84	3/4	1,607.42	3/4	1,130.86	3/4	653.44	3/4	174.35	3/4			
1	3,510.02	1	3,031.44	1	2,553.66	1	2,075.87	1	1,597.45	1	1,120.97	1	643.45	1	164.40	1			
1/4	3,500.05	1/4	3,021.47	1/4	2,543.72	1/4	2,065.90	1/4	1,587.48	1/4	1,111.08	1/4	633.47	1/4	154.45	1/4			
1/2	3,490.08	1/2	3,011.50	1/2	2,533.78	1/2	2,055.94	1/2	1,577.52	1/2	1,101.19	1/2	623.48	1/2	144.50	1/2			
3/4	3,480.11	3/4	3,001.53	3/4	2,523.84	3/4	2,045.97	3/4	1,567.55	3/4	1,091.29	3/4	613.50	3/4	134.58	3/4			
2	3,470.14	2	2,991.56	2	2,513.91	2	2,036.00	2	1,557.58	2	1,081.40	2	603.52	2	124.67	2			
1/4	3,460.17	1/4	2,981.59	1/4	2,503.97	1/4	2,026.04	1/4	1,547.62	1/4	1,071.51	1/4	593.53	1/4	114.75	1/4			
1/2	3,450.20	1/2	2,971.62	1/2	2,494.03	1/2	2,016.07	1/2	1,537.65	1/2	1,061.61	1/2	583.55	1/2	104.83	1/2			
3/4	3,440.23	3/4	2,961.65	3/4	2,484.09	3/4	2,006.10	3/4	1,527.68	3/4	1,051.72	3/4	573.56	3/4	94.97	3/4			
3	3,430.26	3	2,951.68	3	2,474.15	3	1,996.14	3	1,517.71	3	1,041.83	3	563.58	3	85.10	3			
1/4	3,420.29	1/4	2,941.71	1/4	2,464.21	1/4	1,986.17	1/4	1,507.75	1/4	1,031.94	1/4	553.60	1/4	75.24	1/4			
1/2	3,410.32	1/2	2,931.74	1/2	2,454.27	1/2	1,976.20	1/2	1,497.78	1/2	1,022.04	1/2	543.61	1/2	65.37	1/2			
3/4	3,400.35	3/4	2,921.77	3/4	2,444.33	3/4	1,966.23	3/4	1,487.81	3/4	1,012.15	3/4	533.63	3/4	56.87	3/4			
4	3,390.38	4	2,911.80	4	2,434.39	4	1,956.27	4	1,477.85	4	1,002.26	4	523.64	4	48.36	4			
1/4	3,380.41	1/4	2,901.83	1/4	2,424.45	1/4	1,946.30	1/4	1,467.88	1/4	992.36	1/4	513.66	1/4	39.85	1/4			
1/2	3,370.44	1/2	2,891.86	1/2	2,414.51	1/2	1,936.33	1/2	1,457.91	1/2	982.47	1/2	503.68	1/2	31.34	1/2			
3/4	3,360.46	3/4	2,881.89	3/4	2,404.58	3/4	1,926.37	3/4	1,447.94	3/4	972.53	3/4	493.69	3/4	25.94	3/4			
5	3,350.49	5	2,871.92	5	2,394.64	5	1,916.40	5	1,437.98	5	962.59	5	483.71	5	20.53	5			
1/4	3,340.52	1/4	2,861.94	1/4	2,384.70	1/4	1,906.43	1/4	1,428.01	1/4	952.65	1/4	473.73	1/4	15.12	1/4			
1/2	3,330.55	1/2	2,851.97	1/2	2,374.76	1/2	1,896.46	1/2	1,418.04	1/2	942.71	1/2	463.75	1/2	9.71	1/2			
3/4	3,320.58	3/4	2,842.00	3/4	2,364.82	3/4	1,886.50	3/4	1,408.09	3/4	932.76	3/4	453.76	3/4	7.63	3/4			
6	3,310.61	6	2,832.03	6	2,354.88	6	1,876.53	6	1,398.13	6	922.80	6	443.78	6	5.55	6			
1/4	3,300.64	1/4	2,822.06	1/4	2,344.94	1/4	1,866.56	1/4	1,388.17	1/4	912.84	1/4	433.80	1/4	3.47	1/4			
1/2	3,290.67	1/2	2,812.09	1/2	2,335.00	1/2	1,856.60	1/2	1,378.22	1/2	902.88	1/2	423.82	1/2	1.39	1/2			
3/4	3,280.70	3/4	2,802.15	3/4	2,325.04	3/4	1,846.63	3/4	1,368.32	3/4	892.91	3/4	413.83	3/4		3/4			
7	3,270.73	7	2,792.21	7	2,315.07	7	1,836.66	7	1,358.42	7	882.94	7	403.85	7		7			
1/4	3,260.76	1/4	2,782.26	1/4	2,305.11	1/4	1,826.69	1/4	1,348.52	1/4	872.97	1/4	393.87	1/4		1/4			
1/2	3,250.79	1/2	2,772.32	1/2	2,295.15	1/2	1,816.73	1/2	1,338.62	1/2	863.00	1/2	383.88	1/2		1/2			
3/4	3,240.82	3/4	2,762.38	3/4	2,285.18	3/4	1,806.76	3/4	1,328.72	3/4	853.03	3/4	373.90	3/4		3/4			
8	3,230.85	8	2,752.44	8	2,275.21	8	1,796.79	8	1,318.83	8	843.06	8	363.91	8		8			
1/4	3,220.88	1/4	2,742.50	1/4	2,265.25	1/4	1,786.83	1/4	1,308.94	1/4	833.08	1/4	353.93	1/4		1/4			
1/2	3,210.91	1/2	2,732.57	1/2	2,255.28	1/2	1,776.86	1/2	1,299.04	1/2	823.11	1/2	343.94	1/2		1/2			
3/4	3,200.94	3/4	2,722.63	3/4	2,245.31	3/4	1,766.89	3/4	1,289.15	3/4	813.14	3/4	333.96	3/4		3/4			
9	3,190.97	9	2,712.69	9	2,235.35	9	1,756.92	9	1,279.26	9	803.17	9	323.98	9		9			
1/4	3,181.00	1/4	2,702.75	1/4	2,225.38	1/4	1,746.96	1/4	1,269.37	1/4	793.20	1/4	313.99	1/4		1/4			
1/2	3,171.03	1/2	2,692.81	1/2	2,215.41	1/2	1,736.99	1/2	1,259.47	1/2	783.22	1/2	304.01	1/2		1/2			
3/4	3,161.06	3/4	2,682.87	3/4	2,205.44	3/4	1,727.02	3/4	1,249.58	3/4	773.24	3/4	294.03	3/4		3/4			
10	3,151.09	10	2,672.93	10	2,195.48	10	1,717.06	10	1,239.69	10	763.26	10	284.04	10		10			
1/4	3,141.12	1/4	2,662.99	1/4	2,185.51	1/4	1,707.09	1/4	1,229.79	1/4	753.28	1/4	274.06	1/4		1/4			
1/2	3,131.15	1/2	2,653.05	1/2	2,175.54	1/2	1,697.12	1/2	1,219.90	1/2	743.29	1/2	264.07	1/2		1/2			
3/4	3,121.18	3/4	2,643.11	3/4	2,165.58	3/4	1,687.16	3/4	1,210.01	3/4	733.31	3/4	254.10	3/4		3/4			
11	3,111.20	11	2,633.17	11	2,155.61	11	1,677.19	11	1,200.11	11	723.32	11	244.12	11		11			
1/4	3,101.23	1/4	2,623.24	1/4	2,145.64	1/4	1,667.22	1/4	1,190.22	1/4	713.34	1/4	234.14	1/4		1/4			
1/2	3,091.26	1/2	2,613.30	1/2	2,135.67	1/2	1,657.25	1/2	1,180.33	1/2	703.36	1/2	224.16	1/2		1/2			
3/4	3,081.29	3/4	2,603.36	3/4	2,125.71	3/4	1,647.29	3/4	1,170.44	3/4	693.37	3/4	214.19	3/4		3/4			

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