



BARGE "WEB 356"

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	- 00-1/8	00-1/8	- 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	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
2 STBD	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/8	01-1/8	- 01-3/8	01-3/8
3 PORT	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 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	- 00-3/8	00-3/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2
4 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 3 STBD IS 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 3 STBD, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 238'-00"

March 9, 2016

PRECISION MEASUREMENT
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BARGE "WEB 356"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	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	6,367.14	1/4	6,030.82	1/4	5,694.44	1/4	5,358.06	1/4	4,993.77	1/4	4,516.58	1/4	4,039.18
1/2		1/2		1/2		1/2	6,360.15	1/2	6,023.81	1/2	5,687.43	1/2	5,351.05	1/2	4,983.87	1/2	4,506.63	1/2	4,029.24
3/4		3/4		3/4		3/4	6,353.15	3/4	6,016.80	3/4	5,680.42	3/4	5,344.04	3/4	4,973.97	3/4	4,496.69	3/4	4,019.30
1		1		1		1	6,346.16	1	6,009.79	1	5,673.42	1	5,337.03	1	4,964.08	1	4,486.74	1	4,009.35
1/4		1/4		1/4		1/4	6,339.16	1/4	6,002.79	1/4	5,666.41	1/4	5,330.02	1/4	4,954.18	1/4	4,476.79	1/4	3,999.41
1/2		1/2		1/2		1/2	6,332.15	1/2	5,995.78	1/2	5,659.40	1/2	5,323.01	1/2	4,944.24	1/2	4,466.85	1/2	3,989.47
3/4		3/4		3/4		3/4	6,325.14	3/4	5,988.77	3/4	5,652.39	3/4	5,316.01	3/4	4,934.30	3/4	4,456.90	3/4	3,979.53
1		1		1		1	6,318.14	1	5,981.76	1	5,645.38	1	5,309.00	1	4,924.36	1	4,446.96	1	3,969.58
1/4		1/4		1/4		1/4	6,311.13	1/4	5,974.75	1/4	5,638.38	1/4	5,301.99	1/4	4,914.42	1/4	4,437.01	1/4	3,959.64
1/2		1/2		1/2		1/2	6,304.12	1/2	5,967.75	1/2	5,631.37	1/2	5,294.98	1/2	4,904.47	1/2	4,427.06	1/2	3,949.70
3/4		3/4		3/4		3/4	6,297.11	3/4	5,960.74	3/4	5,624.36	3/4	5,287.97	3/4	4,894.53	3/4	4,417.12	3/4	3,939.76
1		1		1		1	6,290.11	1	5,953.73	1	5,617.35	1	5,280.96	1	4,884.59	1	4,407.17	1	3,929.81
1/4		1/4		1/4		1/4	6,283.10	1/4	5,946.72	1/4	5,610.34	1/4	5,273.96	1/4	4,874.64	1/4	4,397.22	1/4	3,919.87
1/2		1/2		1/2		1/2	6,276.09	1/2	5,939.72	1/2	5,603.34	1/2	5,266.95	1/2	4,864.70	1/2	4,387.28	1/2	3,909.93
3/4		3/4		3/4		3/4	6,269.09	3/4	5,932.71	3/4	5,596.33	3/4	5,259.94	3/4	4,854.75	3/4	4,377.33	3/4	3,899.99
1		1		1		1	6,262.08	1	5,925.70	1	5,589.32	1	5,252.93	1	4,844.81	1	4,367.38	1	3,890.04
1/4		1/4		1/4		1/4	6,255.07	1/4	5,918.69	1/4	5,582.31	1/4	5,245.92	1/4	4,834.86	1/4	4,357.44	1/4	3,880.10
1/2		1/2		1/2		1/2	6,248.06	1/2	5,911.68	1/2	5,575.30	1/2	5,238.91	1/2	4,824.92	1/2	4,347.49	1/2	3,870.16
3/4		3/4		3/4		3/4	6,241.05	3/4	5,904.68	3/4	5,568.30	3/4	5,231.91	3/4	4,814.97	3/4	4,337.54	3/4	3,860.22
1		1		1		1	6,234.05	1	5,897.67	1	5,561.29	1	5,224.90	1	4,805.03	1	4,327.60	1	3,850.27
1/4		1/4		1/4		1/4	6,227.04	1/4	5,890.66	1/4	5,554.28	1/4	5,217.89	1/4	4,795.08	1/4	4,317.65	1/4	3,840.33
1/2		1/2		1/2		1/2	6,220.03	1/2	5,883.65	1/2	5,547.27	1/2	5,210.88	1/2	4,785.13	1/2	4,307.71	1/2	3,830.39
3/4		3/4		3/4		3/4	6,213.02	3/4	5,876.64	3/4	5,540.26	3/4	5,203.87	3/4	4,775.19	3/4	4,297.76	3/4	3,820.45
1		1		1		1	6,206.02	1	5,869.64	1	5,533.26	1	5,196.86	1	4,765.24	1	4,287.81	1	3,810.50
1/4		1/4		1/4		1/4	6,199.01	1/4	5,862.63	1/4	5,526.25	1/4	5,189.86	1/4	4,755.29	1/4	4,277.87	1/4	3,800.56
1/2		1/2		1/2		1/2	6,192.00	1/2	5,855.62	1/2	5,519.24	1/2	5,182.85	1/2	4,745.35	1/2	4,267.92	1/2	3,790.61
3/4		3/4		3/4	6,460.56	3/4	6,184.99	3/4	5,848.61	3/4	5,512.23	3/4	5,175.84	3/4	4,735.40	3/4	4,257.97	3/4	3,780.67
1		1		1	6,459.86	1	6,177.98	1	5,841.60	1	5,505.23	1	5,168.83	1	4,725.45	1	4,248.03	1	3,770.72
1/4		1/4		1/4	6,459.16	1/4	6,170.98	1/4	5,834.60	1/4	5,498.22	1/4	5,161.82	1/4	4,715.51	1/4	4,238.08	1/4	3,760.77
1/2		1/2		1/2	6,457.23	1/2	6,163.97	1/2	5,827.59	1/2	5,491.21	1/2	5,154.57	1/2	4,705.56	1/2	4,228.13	1/2	3,750.82
3/4		3/4		3/4	6,455.31	3/4	6,156.96	3/4	5,820.58	3/4	5,484.20	3/4	5,147.32	3/4	4,695.62	3/4	4,218.19	3/4	3,740.88
1		1		1	6,453.38	1	6,149.95	1	5,813.57	1	5,477.19	1	5,140.07	1	4,685.67	1	4,208.24	1	3,730.93
1/4		1/4		1/4	6,451.46	1/4	6,142.94	1/4	5,806.57	1/4	5,470.19	1/4	5,132.81	1/4	4,675.72	1/4	4,198.30	1/4	3,720.98
1/2		1/2		1/2	6,448.13	1/2	6,135.94	1/2	5,799.56	1/2	5,463.18	1/2	5,125.01	1/2	4,665.78	1/2	4,188.35	1/2	3,711.03
3/4		3/4		3/4	6,444.80	3/4	6,128.93	3/4	5,792.55	3/4	5,456.17	3/4	5,117.21	3/4	4,655.83	3/4	4,178.40	3/4	3,701.09
1		1		1	6,441.47	1	6,121.92	1	5,785.54	1	5,449.16	1	5,109.40	1	4,645.88	1	4,168.46	1	3,691.14
1/4		1/4		1/4	6,438.15	1/4	6,114.91	1/4	5,778.53	1/4	5,442.16	1/4	5,101.60	1/4	4,635.94	1/4	4,158.51	1/4	3,681.19
1/2		1/2		1/2	6,433.42	1/2	6,107.90	1/2	5,771.53	1/2	5,435.15	1/2	5,093.20	1/2	4,625.99	1/2	4,148.56	1/2	3,671.24
3/4		3/4		3/4	6,428.69	3/4	6,100.90	3/4	5,764.52	3/4	5,428.14	3/4	5,084.81	3/4	4,616.04	3/4	4,138.62	3/4	3,661.30
1		1		1	6,423.96	1	6,093.89	1	5,757.51	1	5,421.13	1	5,076.41	1	4,606.10	1	4,128.67	1	3,651.35
1/4		1/4		1/4	6,419.23	1/4	6,086.88	1/4	5,750.50	1/4	5,414.12	1/4	5,068.02	1/4	4,596.15	1/4	4,118.72	1/4	3,641.40
1/2		1/2		1/2	6,413.10	1/2	6,079.87	1/2	5,743.49	1/2	5,407.11	1/2	5,059.03	1/2	4,586.20	1/2	4,108.78	1/2	3,631.45
3/4		3/4		3/4	6,406.97	3/4	6,072.87	3/4	5,736.49	3/4	5,400.11	3/4	5,050.04	3/4	4,576.26	3/4	4,098.84	3/4	3,621.50
1		1		1	6,400.84	1	6,065.86	1	5,729.48	1	5,393.10	1	5,041.06	1	4,566.31	1	4,088.90	1	3,611.56
1/4		1/4		1/4	6,394.71	1/4	6,058.85	1/4	5,722.47	1/4	5,386.09	1/4	5,032.07	1/4	4,556.37	1/4	4,078.95	1/4	3,601.61
1/2		1/2		1/2	6,387.82	1/2	6,051.84	1/2	5,715.46	1/2	5,379.08	1/2	5,022.50	1/2	4,546.42	1/2	4,069.01	1/2	3,591.66
3/4		3/4		3/4	6,380.92	3/4	6,044.83	3/4	5,708.45	3/4	5,372.07	3/4	5,012.92	3/4	4,536.47	3/4	4,059.07	3/4	3,581.71
1		1		1	6,374.03	1	6,037.83	1	5,701.45	1	5,365.06	1	5,003.34	1	4,526.53	1	4,049.13	1	3,571.76

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "WEB 356"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	3,561.82	0	3,084.31	0	2,607.42	0	2,130.87	0	1,653.53	0	1,177.68	0	701.77	0	223.66	0			
1/4	3,551.87	1/4	3,074.36	1/4	2,597.50	1/4	2,120.93	1/4	1,643.58	1/4	1,167.80	1/4	691.81	1/4	213.71	1/4			1/4
1/2	3,541.92	1/2	3,064.42	1/2	2,587.58	1/2	2,110.98	1/2	1,633.64	1/2	1,157.93	1/2	681.85	1/2	203.77	1/2			1/2
3/4	3,531.97	3/4	3,054.47	3/4	2,577.67	3/4	2,101.04	3/4	1,623.69	3/4	1,148.06	3/4	671.89	3/4	193.82	3/4			3/4
1	3,522.02	1	3,044.52	1	2,567.75	1	2,091.09	1	1,613.75	1	1,138.19	1	661.93	1	183.88	1			1
1/4	3,512.08	1/4	3,034.57	1/4	2,557.83	1/4	2,081.15	1/4	1,603.80	1/4	1,128.32	1/4	651.97	1/4	173.95	1/4			1/4
1/2	3,502.13	1/2	3,024.62	1/2	2,547.92	1/2	2,071.20	1/2	1,593.86	1/2	1,118.45	1/2	642.01	1/2	164.03	1/2			1/2
3/4	3,492.18	3/4	3,014.68	3/4	2,538.00	3/4	2,061.26	3/4	1,583.91	3/4	1,108.58	3/4	632.04	3/4	154.10	3/4			3/4
2	3,482.23	2	3,004.73	2	2,528.08	2	2,051.32	2	1,573.97	2	1,098.71	2	622.08	2	144.18	2			2
1/4	3,472.28	1/4	2,994.78	1/4	2,518.17	1/4	2,041.37	1/4	1,564.02	1/4	1,088.84	1/4	612.12	1/4	134.28	1/4			1/4
1/2	3,462.34	1/2	2,984.83	1/2	2,508.25	1/2	2,031.43	1/2	1,554.08	1/2	1,078.97	1/2	602.16	1/2	124.39	1/2			1/2
3/4	3,452.39	3/4	2,974.88	3/4	2,498.33	3/4	2,021.48	3/4	1,544.14	3/4	1,069.10	3/4	592.20	3/4	114.49	3/4			3/4
3	3,442.44	3	2,964.94	3	2,488.42	3	2,011.54	3	1,534.19	3	1,059.23	3	582.24	3	104.60	3			3
1/4	3,432.49	1/4	2,954.99	1/4	2,478.50	1/4	2,001.59	1/4	1,524.25	1/4	1,049.36	1/4	572.27	1/4	94.75	1/4			1/4
1/2	3,422.54	1/2	2,945.04	1/2	2,468.58	1/2	1,991.65	1/2	1,514.30	1/2	1,039.49	1/2	562.31	1/2	84.91	1/2			1/2
3/4	3,412.60	3/4	2,935.09	3/4	2,458.67	3/4	1,981.70	3/4	1,504.36	3/4	1,029.62	3/4	552.35	3/4	75.07	3/4			3/4
4	3,402.65	4	2,925.14	4	2,448.75	4	1,971.76	4	1,494.41	4	1,019.74	4	542.39	4	65.23	4			4
1/4	3,392.70	1/4	2,915.20	1/4	2,438.83	1/4	1,961.81	1/4	1,484.47	1/4	1,009.87	1/4	532.43	1/4	56.74	1/4			1/4
1/2	3,382.75	1/2	2,905.25	1/2	2,428.92	1/2	1,951.87	1/2	1,474.52	1/2	1,000.00	1/2	522.47	1/2	48.25	1/2			1/2
3/4	3,372.80	3/4	2,895.30	3/4	2,419.00	3/4	1,941.92	3/4	1,464.58	3/4	990.13	3/4	512.51	3/4	39.76	3/4			3/4
5	3,362.86	5	2,885.35	5	2,409.08	5	1,931.98	5	1,454.63	5	980.26	5	502.54	5	31.27	5			5
1/4	3,352.91	1/4	2,875.40	1/4	2,399.17	1/4	1,922.03	1/4	1,444.69	1/4	970.34	1/4	492.58	1/4	25.88	1/4			1/4
1/2	3,342.96	1/2	2,865.46	1/2	2,389.25	1/2	1,912.09	1/2	1,434.74	1/2	960.43	1/2	482.62	1/2	20.48	1/2			1/2
3/4	3,333.01	3/4	2,855.51	3/4	2,379.33	3/4	1,902.14	3/4	1,424.80	3/4	950.51	3/4	472.66	3/4	15.09	3/4			3/4
6	3,323.06	6	2,845.56	6	2,369.42	6	1,892.20	6	1,414.85	6	940.59	6	462.70	6	9.69	6			6
1/4	3,313.12	1/4	2,835.61	1/4	2,359.50	1/4	1,882.26	1/4	1,404.92	1/4	930.66	1/4	452.74	1/4	7.62	1/4			1/4
1/2	3,303.17	1/2	2,825.66	1/2	2,349.58	1/2	1,872.31	1/2	1,394.99	1/2	920.72	1/2	442.78	1/2	5.54	1/2			1/2
3/4	3,293.22	3/4	2,815.72	3/4	2,339.67	3/4	1,862.37	3/4	1,385.05	3/4	910.79	3/4	432.82	3/4	3.46	3/4			3/4
7	3,283.27	7	2,805.77	7	2,329.75	7	1,852.42	7	1,375.12	7	900.85	7	422.86	7	1.39	7			7
1/4	3,273.32	1/4	2,795.85	1/4	2,319.81	1/4	1,842.48	1/4	1,365.24	1/4	890.91	1/4	412.90	1/4		1/4			1/4
1/2	3,263.38	1/2	2,785.93	1/2	2,309.87	1/2	1,832.53	1/2	1,355.36	1/2	880.96	1/2	402.94	1/2		1/2			1/2
3/4	3,253.43	3/4	2,776.01	3/4	2,299.93	3/4	1,822.59	3/4	1,345.48	3/4	871.01	3/4	392.98	3/4		3/4			3/4
8	3,243.48	8	2,766.09	8	2,289.99	8	1,812.64	8	1,335.61	8	861.06	8	383.02	8		8			8
1/4	3,233.53	1/4	2,756.17	1/4	2,280.04	1/4	1,802.70	1/4	1,325.74	1/4	851.11	1/4	373.06	1/4		1/4			1/4
1/2	3,223.58	1/2	2,746.25	1/2	2,270.10	1/2	1,792.75	1/2	1,315.87	1/2	841.16	1/2	363.09	1/2		1/2			1/2
3/4	3,213.64	3/4	2,736.34	3/4	2,260.15	3/4	1,782.81	3/4	1,305.99	3/4	831.21	3/4	353.13	3/4		3/4			3/4
9	3,203.69	9	2,726.42	9	2,250.21	9	1,772.86	9	1,296.12	9	821.26	9	343.17	9		9			9
1/4	3,193.74	1/4	2,716.50	1/4	2,240.26	1/4	1,762.92	1/4	1,286.25	1/4	811.31	1/4	333.21	1/4		1/4			1/4
1/2	3,183.79	1/2	2,706.58	1/2	2,230.32	1/2	1,752.97	1/2	1,276.38	1/2	801.36	1/2	323.25	1/2		1/2			1/2
3/4	3,173.84	3/4	2,696.67	3/4	2,220.38	3/4	1,743.03	3/4	1,266.51	3/4	791.41	3/4	313.29	3/4		3/4			3/4
10	3,163.90	10	2,686.75	10	2,210.43	10	1,733.08	10	1,256.64	10	781.46	10	303.32	10		10			10
1/4	3,153.95	1/4	2,676.83	1/4	2,200.49	1/4	1,723.14	1/4	1,246.77	1/4	771.50	1/4	293.36	1/4		1/4			1/4
1/2	3,144.00	1/2	2,666.92	1/2	2,190.54	1/2	1,713.20	1/2	1,236.90	1/2	761.54	1/2	283.40	1/2		1/2			1/2
3/4	3,134.05	3/4	2,657.00	3/4	2,180.60	3/4	1,703.25	3/4	1,227.03	3/4	751.58	3/4	273.44	3/4		3/4			3/4
11	3,124.10	11	2,647.08	11	2,170.65	11	1,693.31	11	1,217.16	11	741.62	11	263.48	11		11			11
1/4	3,114.16	1/4	2,637.17	1/4	2,160.71	1/4	1,683.36	1/4	1,207.29	1/4	731.66	1/4	253.52	1/4		1/4			1/4
1/2	3,104.21	1/2	2,627.25	1/2	2,150.76	1/2	1,673.42	1/2	1,197.42	1/2	721.70	1/2	243.57	1/2		1/2			1/2
3/4	3,094.26	3/4	2,617.33	3/4	2,140.82	3/4	1,663.47	3/4	1,187.55	3/4	711.74	3/4	233.61	3/4		3/4			3/4

STRAPPED: 03/09/2016 SW
CALCULATED: 03/09/2016 CL
PRINTED: 03/09/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

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 356"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-04"

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	4,421.09	0	4,114.39	0	3,807.75	0	3,500.39	0	3,191.84	0	2,883.28	0	2,574.72
1/4		1/4		1/4		1/4	4,414.69	1/4	4,108.00	1/4	3,801.36	1/4	3,493.97	1/4	3,185.41	1/4	2,876.85	1/4	2,568.29
1/2		1/2		1/2		1/2	4,408.30	1/2	4,101.61	1/2	3,794.97	1/2	3,487.54	1/2	3,178.98	1/2	2,870.42	1/2	2,561.86
3/4		3/4		3/4		3/4	4,401.90	3/4	4,095.23	3/4	3,788.58	3/4	3,481.11	3/4	3,172.55	3/4	2,863.99	3/4	2,555.43
1		1		1		1	4,395.51	1	4,088.84	1	3,782.19	1	3,474.68	1	3,166.12	1	2,857.56	1	2,549.01
1/4		1/4		1/4		1/4	4,389.11	1/4	4,082.45	1/4	3,775.81	1/4	3,468.25	1/4	3,159.69	1/4	2,851.14	1/4	2,542.58
1/2		1/2		1/2		1/2	4,382.72	1/2	4,075.06	1/2	3,769.42	1/2	3,461.82	1/2	3,153.27	1/2	2,844.71	1/2	2,536.15
3/4		3/4		3/4		3/4	4,376.32	3/4	4,069.67	3/4	3,763.03	3/4	3,455.40	3/4	3,146.84	3/4	2,838.28	3/4	2,529.72
2		2		2		2	4,369.93	2	4,063.28	2	3,756.64	2	3,448.97	2	3,140.41	2	2,831.85	2	2,523.29
1/4		1/4		1/4		1/4	4,363.54	1/4	4,056.89	1/4	3,750.25	1/4	3,442.54	1/4	3,133.98	1/4	2,825.42	1/4	2,516.86
1/2		1/2		1/2		1/2	4,357.15	1/2	4,050.51	1/2	3,743.86	1/2	3,436.11	1/2	3,127.55	1/2	2,818.99	1/2	2,510.44
3/4		3/4		3/4		3/4	4,350.76	3/4	4,044.12	3/4	3,737.47	3/4	3,429.68	3/4	3,121.12	3/4	2,812.57	3/4	2,504.01
3		3		3		3	4,344.37	3	4,037.73	3	3,731.09	3	3,423.25	3	3,114.70	3	2,806.14	3	2,497.58
1/4		1/4		1/4		1/4	4,337.98	1/4	4,031.34	1/4	3,724.70	1/4	3,416.83	1/4	3,108.27	1/4	2,799.71	1/4	2,491.15
1/2		1/2		1/2		1/2	4,331.60	1/2	4,024.95	1/2	3,718.31	1/2	3,410.40	1/2	3,101.84	1/2	2,793.28	1/2	2,484.72
3/4		3/4		3/4		3/4	4,325.21	3/4	4,018.56	3/4	3,711.92	3/4	3,403.97	3/4	3,095.41	3/4	2,786.85	3/4	2,478.29
4		4		4		4	4,318.82	4	4,012.18	4	3,705.53	4	3,397.54	4	3,088.98	4	2,780.42	4	2,471.87
1/4		1/4		1/4		1/4	4,312.43	1/4	4,005.79	1/4	3,699.14	1/4	3,391.11	1/4	3,082.55	1/4	2,774.00	1/4	2,465.44
1/2		1/2		1/2		1/2	4,306.04	1/2	3,999.40	1/2	3,692.76	1/2	3,384.68	1/2	3,076.13	1/2	2,767.57	1/2	2,459.01
3/4		3/4		3/4		3/4	4,299.65	3/4	3,993.01	3/4	3,686.37	3/4	3,378.26	3/4	3,069.70	3/4	2,761.14	3/4	2,452.58
5		5		5		5	4,293.27	5	3,986.62	5	3,679.98	5	3,371.83	5	3,063.27	5	2,754.71	5	2,446.15
1/4		1/4		1/4		1/4	4,286.88	1/4	3,980.23	1/4	3,673.59	1/4	3,365.40	1/4	3,056.84	1/4	2,748.28	1/4	2,439.72
1/2		1/2		1/2		1/2	4,280.49	1/2	3,973.85	1/2	3,667.20	1/2	3,358.97	1/2	3,050.41	1/2	2,741.85	1/2	2,433.28
3/4		3/4		3/4		3/4	4,274.10	3/4	3,967.46	3/4	3,660.81	3/4	3,352.54	3/4	3,043.98	3/4	2,735.43	3/4	2,426.85
6		6		6		6	4,267.71	6	3,961.07	6	3,654.43	6	3,346.12	6	3,037.56	6	2,729.00	6	2,420.41
1/4		1/4		1/4		1/4	4,261.32	1/4	3,954.68	1/4	3,648.04	1/4	3,339.69	1/4	3,031.13	1/4	2,722.57	1/4	2,413.97
1/2		1/2		1/2		1/2	4,254.94	1/2	3,948.29	1/2	3,641.65	1/2	3,333.26	1/2	3,024.70	1/2	2,716.14	1/2	2,407.54
3/4		3/4		3/4		3/4	4,248.55	3/4	3,941.90	3/4	3,635.26	3/4	3,326.83	3/4	3,018.27	3/4	2,709.71	3/4	2,401.10
7		7		7		7	4,242.16	7	3,935.52	7	3,628.87	7	3,320.40	7	3,011.84	7	2,703.29	7	2,394.66
1/4		1/4		1/4		1/4	4,235.77	1/4	3,929.13	1/4	3,622.47	1/4	3,313.97	1/4	3,005.42	1/4	2,696.86	1/4	2,388.22
1/2		1/2		1/2		1/2	4,517.64	1/2	4,229.38	1/2	3,922.74	1/2	3,616.06	1/2	3,307.55	1/2	2,998.99	1/2	2,690.43
3/4		3/4		3/4		3/4	4,514.55	3/4	4,222.99	3/4	3,916.35	3/4	3,609.65	3/4	3,301.12	3/4	2,992.56	3/4	2,684.00
8		8		8		8	4,511.46	8	4,216.60	8	3,909.96	8	3,603.25	8	3,294.69	8	2,986.13	8	2,677.57
1/4		1/4		1/4		1/4	4,507.08	1/4	4,210.22	1/4	3,903.57	1/4	3,596.82	1/4	3,288.26	1/4	2,979.70	1/4	2,671.14
1/2		1/2		1/2		1/2	4,502.71	1/2	4,203.83	1/2	3,897.18	1/2	3,590.39	1/2	3,281.83	1/2	2,973.27	1/2	2,664.72
3/4		3/4		3/4		3/4	4,498.33	3/4	4,197.44	3/4	3,890.80	3/4	3,583.96	3/4	3,275.40	3/4	2,966.85	3/4	2,658.29
9		9		9		9	4,493.95	9	4,191.05	9	3,884.41	9	3,577.53	9	3,268.98	9	2,960.42	9	2,651.86
1/4		1/4		1/4		1/4	4,488.38	1/4	4,184.66	1/4	3,878.02	1/4	3,571.11	1/4	3,262.55	1/4	2,953.99	1/4	2,645.43
1/2		1/2		1/2		1/2	4,482.80	1/2	4,178.27	1/2	3,871.63	1/2	3,564.68	1/2	3,256.12	1/2	2,947.56	1/2	2,639.00
3/4		3/4		3/4		3/4	4,477.23	3/4	4,171.89	3/4	3,865.24	3/4	3,558.25	3/4	3,249.69	3/4	2,941.13	3/4	2,632.57
10		10		10		10	4,471.66	10	4,165.50	10	3,858.85	10	3,551.82	10	3,243.26	10	2,934.70	10	2,626.15
1/4		1/4		1/4		1/4	4,465.40	1/4	4,159.11	1/4	3,852.47	1/4	3,545.39	1/4	3,236.83	1/4	2,928.28	1/4	2,619.72
1/2		1/2		1/2		1/2	4,459.15	1/2	4,152.72	1/2	3,846.08	1/2	3,538.96	1/2	3,230.41	1/2	2,921.85	1/2	2,613.29
3/4		3/4		3/4		3/4	4,452.90	3/4	4,146.33	3/4	3,839.69	3/4	3,532.54	3/4	3,223.98	3/4	2,915.42	3/4	2,606.86
11		11		11		11	4,446.64	11	4,139.94	11	3,833.30	11	3,526.11	11	3,217.55	11	2,908.99	11	2,600.43
1/4		1/4		1/4		1/4	4,440.25	1/4	4,133.56	1/4	3,826.91	1/4	3,519.68	1/4	3,211.12	1/4	2,902.56	1/4	2,594.00
1/2		1/2		1/2		1/2	4,433.87	1/2	4,127.17	1/2	3,820.52	1/2	3,513.25	1/2	3,204.69	1/2	2,896.13	1/2	2,587.58
3/4		3/4		3/4		3/4	4,427.48	3/4	4,120.78	3/4	3,814.14	3/4	3,506.82	3/4	3,198.26	3/4	2,889.71	3/4	2,581.15

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



BARGE "WEB 356"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-04"

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	2,266.88	0	1,956.82	0	1,647.76	0	1,338.69	0	1,029.63	0	720.73	0	411.94	0	103.01	0		0	
1/4	2,259.44	1/4	1,950.38	1/4	1,641.32	1/4	1,332.26	1/4	1,023.19	1/4	714.31	1/4	405.50	1/4	96.60	1/4		1/4	
1/2	2,253.00	1/2	1,943.94	1/2	1,634.88	1/2	1,325.82	1/2	1,016.75	1/2	707.88	1/2	399.07	1/2	90.20	1/2		1/2	
3/4	2,246.57	3/4	1,937.50	3/4	1,628.44	3/4	1,319.38	3/4	1,010.32	3/4	701.45	3/4	392.63	3/4	83.80	3/4		3/4	
1	2,240.13	1	1,931.06	1	1,622.00	1	1,312.94	1	1,003.88	1	695.03	1	386.19	1	77.39	1		1	
1/4	2,233.69	1/4	1,924.63	1/4	1,615.56	1/4	1,306.50	1/4	997.44	1/4	688.60	1/4	379.75	1/4	71.02	1/4		1/4	
1/2	2,227.25	1/2	1,918.19	1/2	1,609.12	1/2	1,300.06	1/2	991.00	1/2	682.18	1/2	373.31	1/2	64.64	1/2		1/2	
3/4	2,220.81	3/4	1,911.75	3/4	1,602.69	3/4	1,293.62	3/4	984.56	3/4	675.75	3/4	366.87	3/4	58.27	3/4		3/4	
2	2,214.37	2	1,905.31	2	1,596.25	2	1,287.18	2	978.12	2	669.33	2	360.43	2	51.89	2		2	
1/4	2,207.93	1/4	1,898.87	1/4	1,589.81	1/4	1,280.75	1/4	971.68	1/4	662.90	1/4	354.00	1/4	46.03	1/4		1/4	
1/2	2,201.49	1/2	1,892.43	1/2	1,583.37	1/2	1,274.31	1/2	965.24	1/2	656.48	1/2	347.56	1/2	40.17	1/2		1/2	
3/4	2,195.05	3/4	1,885.99	3/4	1,576.93	3/4	1,267.87	3/4	958.81	3/4	650.05	3/4	341.12	3/4	34.32	3/4		3/4	
3	2,188.62	3	1,879.55	3	1,570.49	3	1,261.43	3	952.37	3	643.63	3	334.68	3	28.46	3		3	
1/4	2,182.18	1/4	1,873.11	1/4	1,564.05	1/4	1,254.99	1/4	945.93	1/4	637.20	1/4	328.24	1/4	24.17	1/4		1/4	
1/2	2,175.74	1/2	1,866.68	1/2	1,557.61	1/2	1,248.55	1/2	939.49	1/2	630.78	1/2	321.80	1/2	19.88	1/2		1/2	
3/4	2,169.30	3/4	1,860.24	3/4	1,551.17	3/4	1,242.11	3/4	933.05	3/4	624.35	3/4	315.36	3/4	15.58	3/4		3/4	
4	2,162.86	4	1,853.80	4	1,544.74	4	1,235.67	4	926.61	4	617.92	4	308.93	4	11.29	4		4	
1/4	2,156.42	1/4	1,847.36	1/4	1,538.30	1/4	1,229.23	1/4	920.17	1/4	611.50	1/4	302.49	1/4		1/4		1/4	
1/2	2,149.98	1/2	1,840.92	1/2	1,531.86	1/2	1,222.80	1/2	913.73	1/2	605.07	1/2	296.05	1/2		1/2		1/2	
3/4	2,143.54	3/4	1,834.48	3/4	1,525.42	3/4	1,216.36	3/4	907.29	3/4	598.64	3/4	289.61	3/4		3/4		3/4	
5	2,137.11	5	1,828.04	5	1,518.98	5	1,209.92	5	900.86	5	592.21	5	283.17	5		5		5	
1/4	2,130.67	1/4	1,821.60	1/4	1,512.54	1/4	1,203.48	1/4	894.42	1/4	585.77	1/4	276.73	1/4		1/4		1/4	
1/2	2,124.23	1/2	1,815.17	1/2	1,506.10	1/2	1,197.04	1/2	887.98	1/2	579.34	1/2	270.29	1/2		1/2		1/2	
3/4	2,117.79	3/4	1,808.73	3/4	1,499.66	3/4	1,190.60	3/4	881.54	3/4	572.90	3/4	263.85	3/4		3/4		3/4	
6	2,111.35	6	1,802.29	6	1,493.23	6	1,184.16	6	875.10	6	566.47	6	257.42	6		6		6	
1/4	2,104.91	1/4	1,795.85	1/4	1,486.79	1/4	1,177.72	1/4	868.66	1/4	560.03	1/4	250.98	1/4		1/4		1/4	
1/2	2,098.47	1/2	1,789.41	1/2	1,480.35	1/2	1,171.29	1/2	862.22	1/2	553.59	1/2	244.54	1/2		1/2		1/2	
3/4	2,092.03	3/4	1,782.97	3/4	1,473.91	3/4	1,164.85	3/4	855.78	3/4	547.15	3/4	238.10	3/4		3/4		3/4	
7	2,085.60	7	1,776.53	7	1,467.47	7	1,158.41	7	849.35	7	540.71	7	231.66	7		7		7	
1/4	2,079.16	1/4	1,770.09	1/4	1,461.03	1/4	1,151.97	1/4	842.91	1/4	534.28	1/4	225.22	1/4		1/4		1/4	
1/2	2,072.72	1/2	1,763.66	1/2	1,454.59	1/2	1,145.53	1/2	836.47	1/2	527.84	1/2	218.78	1/2		1/2		1/2	
3/4	2,066.28	3/4	1,757.22	3/4	1,448.15	3/4	1,139.09	3/4	830.03	3/4	521.40	3/4	212.35	3/4		3/4		3/4	
8	2,059.84	8	1,750.78	8	1,441.72	8	1,132.65	8	823.59	8	514.96	8	205.91	8		8		8	
1/4	2,053.40	1/4	1,744.34	1/4	1,435.28	1/4	1,126.21	1/4	817.15	1/4	508.52	1/4	199.47	1/4		1/4		1/4	
1/2	2,046.96	1/2	1,737.90	1/2	1,428.84	1/2	1,119.78	1/2	810.72	1/2	502.08	1/2	193.03	1/2		1/2		1/2	
3/4	2,040.52	3/4	1,731.46	3/4	1,422.40	3/4	1,113.34	3/4	804.28	3/4	495.64	3/4	186.59	3/4		3/4		3/4	
9	2,034.08	9	1,725.02	9	1,415.96	9	1,106.90	9	797.85	9	489.21	9	180.15	9		9		9	
1/4	2,027.65	1/4	1,718.58	1/4	1,409.52	1/4	1,100.46	1/4	791.42	1/4	482.77	1/4	173.72	1/4		1/4		1/4	
1/2	2,021.21	1/2	1,712.14	1/2	1,403.08	1/2	1,094.02	1/2	784.99	1/2	476.33	1/2	167.28	1/2		1/2		1/2	
3/4	2,014.77	3/4	1,705.71	3/4	1,396.64	3/4	1,087.58	3/4	778.56	3/4	469.89	3/4	160.85	3/4		3/4		3/4	
10	2,008.33	10	1,699.27	10	1,390.20	10	1,081.14	10	772.13	10	463.45	10	154.41	10		10		10	
1/4	2,001.89	1/4	1,692.83	1/4	1,383.77	1/4	1,074.70	1/4	765.71	1/4	457.01	1/4	147.98	1/4		1/4		1/4	
1/2	1,995.45	1/2	1,686.39	1/2	1,377.33	1/2	1,068.26	1/2	759.28	1/2	450.57	1/2	141.55	1/2		1/2		1/2	
3/4	1,989.01	3/4	1,679.95	3/4	1,370.89	3/4	1,061.83	3/4	752.86	3/4	444.14	3/4	135.12	3/4		3/4		3/4	
11	1,982.57	11	1,673.51	11	1,364.45	11	1,055.39	11	746.43	11	437.70	11	128.69	11		11		11	
1/4	1,976.14	1/4	1,667.07	1/4	1,358.01	1/4	1,048.95	1/4	740.01	1/4	431.26	1/4	122.27	1/4		1/4		1/4	
1/2	1,969.70	1/2	1,660.63	1/2	1,351.57	1/2	1,042.51	1/2	733.58	1/2	424.82	1/2	115.85	1/2		1/2		1/2	
3/4	1,963.26	3/4	1,654.20	3/4	1,345.13	3/4	1,036.07	3/4	727.16	3/4	418.38	3/4	109.43	3/4		3/4		3/4	

STRAPPED: 03/09/2016 SW
CALCULATED: 03/09/2016 CL
PRINTED: 03/09/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

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 356"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

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		
0		1/4		1/4		1/4	4,404.17	1/4	4,097.48	1/4	3,790.84	1/4	3,483.43	1/4	3,174.88	1/4	2,866.32	1/4	2,557.77		
1/4		1/2		1/2		1/2	4,397.78	1/2	4,091.09	1/2	3,784.45	1/2	3,477.00	1/2	3,168.45	1/2	2,859.90	1/2	2,551.34		
1/2		3/4		3/4		3/4	4,391.38	3/4	4,084.71	3/4	3,778.06	3/4	3,470.57	3/4	3,162.02	3/4	2,853.47	3/4	2,544.91		
3/4		1		1		1	4,384.98	1	4,078.32	1	3,771.67	1	3,464.15	1	3,155.59	1	2,847.04	1	2,538.49		
1		1/4		1/4		1/4	4,378.59	1/4	4,071.93	1/4	3,765.29	1/4	3,457.72	1/4	3,149.16	1/4	2,840.61	1/4	2,532.06		
1/4		1/2		1/2		1/2	4,372.19	1/2	4,065.54	1/2	3,758.90	1/2	3,451.29	1/2	3,142.74	1/2	2,834.18	1/2	2,525.63		
1/2		3/4		3/4		3/4	4,365.80	3/4	4,059.15	3/4	3,752.51	3/4	3,444.86	3/4	3,136.31	3/4	2,827.75	3/4	2,519.20		
3/4		2		2		2	4,359.41	2	4,052.76	2	3,746.12	2	3,438.43	2	3,129.88	2	2,821.33	2	2,512.77		
2		1/4		1/4		1/4	4,353.02	1/4	4,046.38	1/4	3,739.73	1/4	3,432.01	1/4	3,123.45	1/4	2,814.90	1/4	2,506.34		
1/4		1/2		1/2		1/2	4,346.63	1/2	4,039.99	1/2	3,733.34	1/2	3,425.58	1/2	3,117.02	1/2	2,808.47	1/2	2,499.92		
1/2		3/4		3/4		3/4	4,340.24	3/4	4,033.60	3/4	3,726.96	3/4	3,419.15	3/4	3,110.60	3/4	2,802.04	3/4	2,493.49		
3/4		3		3		3	4,333.85	3	4,027.21	3	3,720.57	3	3,412.72	3	3,104.17	3	2,795.61	3	2,487.06		
3		1/4		1/4		1/4	4,327.46	1/4	4,020.82	1/4	3,714.18	1/4	3,406.29	1/4	3,097.74	1/4	2,789.19	1/4	2,480.63		
1/4		1/2		1/2		1/2	4,321.08	1/2	4,014.43	1/2	3,707.79	1/2	3,399.86	1/2	3,091.31	1/2	2,782.76	1/2	2,474.20		
1/2		3/4		3/4		3/4	4,314.69	3/4	4,008.04	3/4	3,701.40	3/4	3,393.44	3/4	3,084.88	3/4	2,776.33	3/4	2,467.78		
3/4		4		4		4	4,308.30	4	4,001.66	4	3,695.01	4	3,387.01	4	3,078.45	4	2,769.90	4	2,461.35		
4		1/4		1/4		1/4	4,301.91	1/4	3,995.27	1/4	3,688.62	1/4	3,380.58	1/4	3,072.03	1/4	2,763.47	1/4	2,454.92		
1/4		1/2		1/2		1/2	4,295.52	1/2	3,988.88	1/2	3,682.24	1/2	3,374.15	1/2	3,065.60	1/2	2,757.04	1/2	2,448.49		
1/2		3/4		3/4		3/4	4,289.13	3/4	3,982.49	3/4	3,675.85	3/4	3,367.72	3/4	3,059.17	3/4	2,750.62	3/4	2,442.06		
3/4		5		5		5	4,282.75	5	3,976.10	5	3,669.46	5	3,361.30	5	3,052.74	5	2,744.19	5	2,435.63		
5		1/4		1/4		1/4	4,276.36	1/4	3,969.71	1/4	3,663.07	1/4	3,354.87	1/4	3,046.31	1/4	2,737.76	1/4	2,429.20		
1/4		1/2		1/2		1/2	4,269.97	1/2	3,963.33	1/2	3,656.68	1/2	3,348.44	1/2	3,039.89	1/2	2,731.33	1/2	2,422.76		
1/2		3/4		3/4		3/4	4,263.58	3/4	3,956.94	3/4	3,650.29	3/4	3,342.01	3/4	3,033.46	3/4	2,724.90	3/4	2,416.33		
3/4		6		6		6	4,257.19	6	3,950.55	6	3,643.91	6	3,335.58	6	3,027.03	6	2,718.48	6	2,409.89		
6		1/4		1/4		1/4	4,250.80	1/4	3,944.16	1/4	3,637.52	1/4	3,329.15	1/4	3,020.60	1/4	2,712.05	1/4	2,403.46		
1/4		1/2		1/2		1/2	4,244.42	1/2	3,937.77	1/2	3,631.13	1/2	3,322.73	1/2	3,014.17	1/2	2,705.62	1/2	2,397.02		
1/2		3/4		3/4		3/4	4,238.03	3/4	3,931.38	3/4	3,624.74	3/4	3,316.30	3/4	3,007.74	3/4	2,699.19	3/4	2,390.58		
3/4		7		7		7	4,231.64	7	3,925.00	7	3,618.35	7	3,309.87	7	3,001.32	7	2,692.76	7	2,384.14		
7		1/4		1/4		1/4	4,225.25	1/4	3,918.61	1/4	3,611.94	1/4	3,303.44	1/4	2,994.89	1/4	2,686.33	1/4	2,377.70		
1/4		1/2		1/2		1/2	4,507.12	1/2	4,218.86	1/2	3,912.22	1/2	3,605.53	1/2	3,297.01	1/2	2,988.46	1/2	2,679.91	1/2	2,371.26
1/2		3/4		3/4		3/4	4,504.03	3/4	4,212.47	3/4	3,906.83	3/4	3,599.12	3/4	3,290.59	3/4	2,982.03	3/4	2,673.48	3/4	2,364.82
3/4		8		8		8	4,500.94	8	4,206.09	8	3,899.44	8	3,592.71	8	3,284.16	8	2,975.60	8	2,667.05	8	2,358.38
8		1/4		1/4		1/4	4,496.56	1/4	4,199.70	1/4	3,893.05	1/4	3,586.28	1/4	3,277.73	1/4	2,969.18	1/4	2,660.62	1/4	2,351.95
1/4		1/2		1/2		1/2	4,492.18	1/2	4,193.31	1/2	3,886.67	1/2	3,579.85	1/2	3,271.30	1/2	2,962.75	1/2	2,654.19	1/2	2,345.51
1/2		3/4		3/4		3/4	4,487.81	3/4	4,186.92	3/4	3,880.28	3/4	3,573.43	3/4	3,264.87	3/4	2,956.32	3/4	2,647.77	3/4	2,339.07
3/4		9		9		9	4,483.43	9	4,180.53	9	3,873.89	9	3,567.00	9	3,258.44	9	2,949.89	9	2,641.34	9	2,332.63
9		1/4		1/4		1/4	4,477.86	1/4	4,174.14	1/4	3,867.50	1/4	3,560.57	1/4	3,252.02	1/4	2,943.46	1/4	2,634.91	1/4	2,326.19
1/4		1/2		1/2		1/2	4,472.28	1/2	4,167.75	1/2	3,861.11	1/2	3,554.14	1/2	3,245.59	1/2	2,937.03	1/2	2,628.48	1/2	2,319.75
1/2		3/4		3/4		3/4	4,466.71	3/4	4,161.37	3/4	3,854.72	3/4	3,547.71	3/4	3,239.16	3/4	2,930.61	3/4	2,622.05	3/4	2,313.31
3/4		10		10		10	4,461.14	10	4,154.98	10	3,848.33	10	3,541.28	10	3,232.73	10	2,924.18	10	2,615.62	10	2,306.87
10		1/4		1/4		1/4	4,454.88	1/4	4,148.59	1/4	3,841.95	1/4	3,534.86	1/4	3,226.30	1/4	2,917.75	1/4	2,609.20	1/4	2,300.43
1/4		1/2		1/2		1/2	4,448.63	1/2	4,142.20	1/2	3,835.56	1/2	3,528.43	1/2	3,219.87	1/2	2,911.32	1/2	2,602.77	1/2	2,294.00
1/2		3/4		3/4		3/4	4,442.37	3/4	4,135.81	3/4	3,829.17	3/4	3,522.00	3/4	3,213.45	3/4	2,904.89	3/4	2,596.34	3/4	2,287.56
3/4		11		11		11	4,436.12	11	4,129.42	11	3,822.78	11	3,515.57	11	3,207.02	11	2,898.46	11	2,589.91	11	2,281.12
11		1/4		1/4		1/4	4,429.73	1/4	4,123.04	1/4	3,816.39	1/4	3,509.14	1/4	3,200.59	1/4	2,892.04	1/4	2,583.48	1/4	2,274.68
1/4		1/2		1/2		1/2	4,423.34	1/2	4,116.65	1/2	3,810.00	1/2	3,502.72	1/2	3,194.16	1/2	2,885.61	1/2	2,577.05	1/2	2,268.24
1/2		3/4		3/4		3/4	4,416.96	3/4	4,110.26	3/4	3,803.62	3/4	3,496.29	3/4	3,187.73	3/4	2,879.18	3/4	2,570.63	3/4	2,261.80
3/4		12		12		12	4,410.57	12	4,103.87	12	3,797.23	12	3,489.86	12	3,181.31	12	2,872.75	12	2,564.20	12	2,255.36

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.
 P.O. Box 2082
 Pearland, Texas 77588
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BARGE "WEB 356"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,248.92	0	1,939.86	0	1,630.80	0	1,321.74	0	1,012.67	0	710.20	0	406.50	0	96.60	0		0	
1/4	2,242.49	1/4	1,933.42	1/4	1,624.36	1/4	1,315.30	1/4	1,006.24	1/4	703.99	1/4	399.07	1/4	90.20	1/4		1/4	
1/2	2,236.05	1/2	1,926.98	1/2	1,617.92	1/2	1,308.86	1/2	999.80	1/2	697.78	1/2	392.63	1/2	83.80	1/2		1/2	
3/4	2,229.61	3/4	1,920.55	3/4	1,611.48	3/4	1,302.42	3/4	993.36	3/4	691.57	3/4	386.19	3/4	77.39	3/4		3/4	
1	2,223.17	1	1,914.11	1	1,605.04	1	1,295.98	1	986.92	1	685.36	1	379.75	1	71.02	1		1	
1/4	2,216.73	1/4	1,907.67	1/4	1,598.61	1/4	1,289.54	1/4	980.48	1/4	679.15	1/4	373.31	1/4	64.64	1/4		1/4	
1/2	2,210.29	1/2	1,901.23	1/2	1,592.17	1/2	1,283.10	1/2	974.04	1/2	672.94	1/2	366.87	1/2	58.27	1/2		1/2	
3/4	2,203.85	3/4	1,894.79	3/4	1,585.73	3/4	1,276.67	3/4	967.60	3/4	666.73	3/4	360.43	3/4	51.89	3/4		3/4	
2	2,197.41	2	1,888.35	2	1,579.29	2	1,270.23	2	961.16	2	660.53	2	354.00	2	46.03	2		2	
1/4	2,190.98	1/4	1,881.91	1/4	1,572.85	1/4	1,263.79	1/4	954.73	1/4	654.32	1/4	347.56	1/4	40.17	1/4		1/4	
1/2	2,184.54	1/2	1,875.47	1/2	1,566.41	1/2	1,257.35	1/2	948.29	1/2	648.11	1/2	341.12	1/2	34.32	1/2		1/2	
3/4	2,178.10	3/4	1,869.04	3/4	1,559.97	3/4	1,250.91	3/4	941.85	3/4	641.90	3/4	334.68	3/4	28.46	3/4		3/4	
3	2,171.66	3	1,862.60	3	1,553.53	3	1,244.47	3	935.41	3	635.69	3	328.24	3	24.17	3		3	
1/4	2,165.22	1/4	1,856.16	1/4	1,547.10	1/4	1,238.03	1/4	928.97	1/4	629.48	1/4	321.80	1/4	19.88	1/4		1/4	
1/2	2,158.78	1/2	1,849.72	1/2	1,540.66	1/2	1,231.59	1/2	922.53	1/2	623.27	1/2	315.36	1/2	15.58	1/2		1/2	
3/4	2,152.34	3/4	1,843.28	3/4	1,534.22	3/4	1,225.16	3/4	916.09	3/4	617.06	3/4	308.93	3/4	11.29	3/4		3/4	
4	2,145.90	4	1,836.84	4	1,527.78	4	1,218.72	4	909.71	4	610.79	4	302.49	4		4		4	
1/4	2,139.46	1/4	1,830.40	1/4	1,521.34	1/4	1,212.28	1/4	903.33	1/4	604.53	1/4	296.05	1/4		1/4		1/4	
1/2	2,133.03	1/2	1,823.96	1/2	1,514.90	1/2	1,205.84	1/2	896.95	1/2	598.26	1/2	289.61	1/2		1/2		1/2	
3/4	2,126.59	3/4	1,817.52	3/4	1,508.46	3/4	1,199.40	3/4	890.56	3/4	591.99	3/4	283.17	3/4		3/4		3/4	
5	2,120.15	5	1,811.09	5	1,502.02	5	1,192.96	5	884.29	5	585.61	5	276.73	5		5		5	
1/4	2,113.71	1/4	1,804.65	1/4	1,495.58	1/4	1,186.52	1/4	878.02	1/4	579.23	1/4	270.29	1/4		1/4		1/4	
1/2	2,107.27	1/2	1,798.21	1/2	1,489.15	1/2	1,180.08	1/2	871.75	1/2	572.85	1/2	263.86	1/2		1/2		1/2	
3/4	2,100.83	3/4	1,791.77	3/4	1,482.71	3/4	1,173.64	3/4	865.48	3/4	566.47	3/4	257.42	3/4		3/4		3/4	
6	2,094.39	6	1,785.33	6	1,476.27	6	1,167.21	6	859.27	6	560.03	6	250.98	6		6		6	
1/4	2,087.95	1/4	1,778.89	1/4	1,469.83	1/4	1,160.77	1/4	853.06	1/4	553.59	1/4	244.54	1/4		1/4		1/4	
1/2	2,081.52	1/2	1,772.45	1/2	1,463.39	1/2	1,154.33	1/2	846.84	1/2	547.15	1/2	238.10	1/2		1/2		1/2	
3/4	2,075.08	3/4	1,766.01	3/4	1,456.95	3/4	1,147.89	3/4	840.63	3/4	540.71	3/4	231.66	3/4		3/4		3/4	
7	2,068.64	7	1,759.58	7	1,450.51	7	1,141.45	7	834.41	7	534.28	7	225.22	7		7		7	
1/4	2,062.20	1/4	1,753.14	1/4	1,444.07	1/4	1,135.01	1/4	828.20	1/4	527.84	1/4	218.78	1/4		1/4		1/4	
1/2	2,055.76	1/2	1,746.70	1/2	1,437.64	1/2	1,128.57	1/2	821.99	1/2	521.40	1/2	212.35	1/2		1/2		1/2	
3/4	2,049.32	3/4	1,740.26	3/4	1,431.20	3/4	1,122.13	3/4	815.77	3/4	514.96	3/4	205.91	3/4		3/4		3/4	
8	2,042.88	8	1,733.82	8	1,424.76	8	1,115.70	8	809.56	8	508.52	8	199.47	8		8		8	
1/4	2,036.44	1/4	1,727.38	1/4	1,418.32	1/4	1,109.26	1/4	803.35	1/4	502.08	1/4	193.03	1/4		1/4		1/4	
1/2	2,030.01	1/2	1,720.94	1/2	1,411.88	1/2	1,102.82	1/2	797.14	1/2	495.64	1/2	186.59	1/2		1/2		1/2	
3/4	2,023.57	3/4	1,714.50	3/4	1,405.44	3/4	1,096.38	3/4	790.92	3/4	489.21	3/4	180.15	3/4		3/4		3/4	
9	2,017.13	9	1,708.07	9	1,399.00	9	1,089.94	9	784.71	9	482.77	9	173.72	9		9		9	
1/4	2,010.69	1/4	1,701.63	1/4	1,392.56	1/4	1,083.50	1/4	778.50	1/4	476.33	1/4	167.28	1/4		1/4		1/4	
1/2	2,004.25	1/2	1,695.19	1/2	1,386.13	1/2	1,077.06	1/2	772.29	1/2	469.89	1/2	160.85	1/2		1/2		1/2	
3/4	1,997.81	3/4	1,688.75	3/4	1,379.69	3/4	1,070.62	3/4	766.08	3/4	463.45	3/4	154.41	3/4		3/4		3/4	
10	1,991.37	10	1,682.31	10	1,373.25	10	1,064.19	10	759.87	10	457.01	10	147.98	10		10		10	
1/4	1,984.93	1/4	1,675.87	1/4	1,366.81	1/4	1,057.75	1/4	753.66	1/4	450.57	1/4	141.55	1/4		1/4		1/4	
1/2	1,978.49	1/2	1,669.43	1/2	1,360.37	1/2	1,051.31	1/2	747.45	1/2	444.14	1/2	135.12	1/2		1/2		1/2	
3/4	1,972.06	3/4	1,662.99	3/4	1,353.93	3/4	1,044.87	3/4	741.24	3/4	437.70	3/4	128.69	3/4		3/4		3/4	
11	1,965.62	11	1,656.55	11	1,347.49	11	1,038.43	11	735.04	11	431.26	11	122.27	11		11		11	
1/4	1,959.18	1/4	1,650.12	1/4	1,341.05	1/4	1,031.99	1/4	728.83	1/4	424.82	1/4	115.85	1/4		1/4		1/4	
1/2	1,952.74	1/2	1,643.68	1/2	1,334.61	1/2	1,025.55	1/2	722.62	1/2	418.38	1/2	109.43	1/2		1/2		1/2	
3/4	1,946.30	3/4	1,637.24	3/4	1,328.18	3/4	1,019.11	3/4	716.41	3/4	411.94	3/4	103.01	3/4		3/4		3/4	

STRAPPED: 03/09/2016 SW
CALCULATED: 03/09/2016 CL
PRINTED: 03/09/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "WEB 356"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,065.63	0	3,782.93	0	3,500.26	0	3,216.81	0	2,932.23	0	2,647.65	0	2,363.07
1/4		1/4		1/4		1/4	4,059.74	1/4	3,777.04	1/4	3,494.37	1/4	3,210.88	1/4	2,926.30	1/4	2,641.72	1/4	2,357.15
1/2		1/2		1/2		1/2	4,053.84	1/2	3,771.15	1/2	3,488.49	1/2	3,204.95	1/2	2,920.37	1/2	2,635.79	1/2	2,351.22
3/4		3/4		3/4		3/4	4,047.95	3/4	3,765.26	3/4	3,482.60	3/4	3,199.02	3/4	2,914.44	3/4	2,629.87	3/4	2,345.29
1		1		1		1	4,042.05	1	3,759.38	1	3,476.71	1	3,193.09	1	2,908.51	1	2,623.94	1	2,339.36
1/4		1/4		1/4		1/4	4,036.16	1/4	3,753.49	1/4	3,470.82	1/4	3,187.16	1/4	2,902.59	1/4	2,618.01	1/4	2,333.43
1/2		1/2		1/2		1/2	4,030.26	1/2	3,747.60	1/2	3,464.93	1/2	3,181.24	1/2	2,896.66	1/2	2,612.08	1/2	2,327.50
3/4		3/4		3/4		3/4	4,024.38	3/4	3,741.71	3/4	3,469.04	3/4	3,175.31	3/4	2,890.73	3/4	2,606.15	3/4	2,321.57
2		2		2		2	4,018.49	2	3,735.82	2	3,453.15	2	3,169.38	2	2,884.80	2	2,600.22	2	2,315.64
1/4		1/4		1/4		1/4	4,012.60	1/4	3,729.93	1/4	3,447.26	1/4	3,163.45	1/4	2,878.87	1/4	2,594.29	1/4	2,309.72
1/2		1/2		1/2		1/2	4,006.71	1/2	3,724.04	1/2	3,441.37	1/2	3,157.52	1/2	2,872.94	1/2	2,588.37	1/2	2,303.79
3/4		3/4		3/4		3/4	4,000.82	3/4	3,718.15	3/4	3,435.49	3/4	3,151.59	3/4	2,867.01	3/4	2,582.44	3/4	2,297.86
3		3		3		3	3,994.93	3	3,712.26	3	3,429.60	3	3,145.66	3	2,861.09	3	2,576.51	3	2,291.93
1/4		1/4		1/4		1/4	3,989.04	1/4	3,706.38	1/4	3,423.71	1/4	3,139.73	1/4	2,855.16	1/4	2,570.58	1/4	2,286.00
1/2		1/2		1/2		1/2	3,983.15	1/2	3,700.49	1/2	3,417.82	1/2	3,133.81	1/2	2,849.23	1/2	2,564.65	1/2	2,280.07
3/4		3/4		3/4		3/4	3,977.26	3/4	3,694.60	3/4	3,411.93	3/4	3,127.88	3/4	2,843.30	3/4	2,558.72	3/4	2,274.14
4		4		4		4	3,971.38	4	3,688.71	4	3,406.04	4	3,121.95	4	2,837.37	4	2,552.79	4	2,268.22
1/4		1/4		1/4		1/4	3,965.49	1/4	3,682.82	1/4	3,400.15	1/4	3,116.02	1/4	2,831.44	1/4	2,546.86	1/4	2,262.29
1/2		1/2		1/2		1/2	3,959.60	1/2	3,676.93	1/2	3,394.26	1/2	3,110.09	1/2	2,825.51	1/2	2,540.94	1/2	2,256.36
3/4		3/4		3/4		3/4	3,953.71	3/4	3,671.04	3/4	3,388.37	3/4	3,104.16	3/4	2,819.58	3/4	2,535.01	3/4	2,250.42
5		5		5		5	3,947.82	5	3,665.15	5	3,382.49	5	3,098.23	5	2,813.66	5	2,529.08	5	2,244.49
1/4		1/4		1/4		1/4	3,941.93	1/4	3,659.26	1/4	3,376.60	1/4	3,092.30	1/4	2,807.73	1/4	2,523.15	1/4	2,238.55
1/2		1/2		1/2		1/2	3,936.04	1/2	3,653.38	1/2	3,370.71	1/2	3,086.38	1/2	2,801.80	1/2	2,517.22	1/2	2,232.62
3/4		3/4		3/4		3/4	3,930.15	3/4	3,647.49	3/4	3,364.82	3/4	3,080.45	3/4	2,795.87	3/4	2,511.29	3/4	2,226.68
6		6		6		6	3,924.26	6	3,641.60	6	3,358.93	6	3,074.52	6	2,789.94	6	2,505.36	6	2,220.74
1/4		1/4		1/4		1/4	3,918.38	1/4	3,635.71	1/4	3,353.04	1/4	3,068.59	1/4	2,784.01	1/4	2,499.43	1/4	2,214.80
1/2		1/2		1/2		1/2	3,912.49	1/2	3,629.82	1/2	3,347.15	1/2	3,062.66	1/2	2,778.08	1/2	2,493.51	1/2	2,208.86
3/4		3/4		3/4		3/4	3,906.60	3/4	3,623.93	3/4	3,341.25	3/4	3,056.73	3/4	2,772.15	3/4	2,487.58	3/4	2,202.92
7		7		7	4,166.35	7	3,900.71	7	3,618.04	7	3,335.34	7	3,050.80	7	2,766.23	7	2,481.65	7	2,196.98
1/4		1/4		1/4	4,163.51	1/4	3,894.82	1/4	3,612.15	1/4	3,329.43	1/4	3,044.88	1/4	2,760.30	1/4	2,475.72	1/4	2,191.04
1/2		1/2		1/2	4,160.67	1/2	3,888.93	1/2	3,606.26	1/2	3,323.52	1/2	3,038.95	1/2	2,754.37	1/2	2,469.79	1/2	2,185.10
3/4		3/4		3/4	4,156.64	3/4	3,883.04	3/4	3,600.38	3/4	3,317.60	3/4	3,033.02	3/4	2,748.44	3/4	2,463.86	3/4	2,179.16
8		8		8	4,152.61	8	3,877.15	8	3,594.49	8	3,311.67	8	3,027.09	8	2,742.51	8	2,457.93	8	2,173.22
1/4		1/4		1/4	4,148.59	1/4	3,871.26	1/4	3,588.60	1/4	3,305.74	1/4	3,021.16	1/4	2,736.58	1/4	2,452.01	1/4	2,167.29
1/2		1/2		1/2	4,144.56	1/2	3,865.38	1/2	3,582.71	1/2	3,299.81	1/2	3,015.23	1/2	2,730.65	1/2	2,446.08	1/2	2,161.35
3/4		3/4		3/4	4,139.43	3/4	3,859.49	3/4	3,576.82	3/4	3,293.88	3/4	3,009.30	3/4	2,724.73	3/4	2,440.15	3/4	2,155.41
9		9		9	4,134.30	9	3,853.60	9	3,570.93	9	3,287.95	9	3,003.37	9	2,718.80	9	2,434.22	9	2,149.47
1/4		1/4		1/4	4,129.16	1/4	3,847.71	1/4	3,565.04	1/4	3,282.02	1/4	2,997.45	1/4	2,712.87	1/4	2,428.29	1/4	2,143.53
1/2		1/2		1/2	4,124.03	1/2	3,841.82	1/2	3,559.15	1/2	3,276.09	1/2	2,991.52	1/2	2,706.94	1/2	2,422.36	1/2	2,137.59
3/4		3/4		3/4	4,118.27	3/4	3,835.93	3/4	3,553.26	3/4	3,270.17	3/4	2,985.59	3/4	2,701.01	3/4	2,416.43	3/4	2,131.65
10		10		10	4,112.51	10	3,830.04	10	3,547.37	10	3,264.24	10	2,979.66	10	2,695.08	10	2,410.50	10	2,125.71
1/4		1/4		1/4	4,106.75	1/4	3,824.15	1/4	3,541.49	1/4	3,258.31	1/4	2,973.73	1/4	2,689.15	1/4	2,404.58	1/4	2,119.77
1/2		1/2		1/2	4,100.98	1/2	3,818.26	1/2	3,535.60	1/2	3,252.38	1/2	2,967.80	1/2	2,683.22	1/2	2,398.65	1/2	2,113.83
3/4		3/4		3/4	4,095.09	3/4	3,812.38	3/4	3,529.71	3/4	3,246.45	3/4	2,961.87	3/4	2,677.30	3/4	2,392.72	3/4	2,107.89
11		11		11	4,089.21	11	3,806.49	11	3,523.82	11	3,240.52	11	2,955.94	11	2,671.37	11	2,386.79	11	2,101.95
1/4		1/4		1/4	4,083.32	1/4	3,800.60	1/4	3,517.93	1/4	3,234.59	1/4	2,950.02	1/4	2,665.44	1/4	2,380.86	1/4	2,096.01
1/2		1/2		1/2	4,077.43	1/2	3,794.71	1/2	3,512.04	1/2	3,228.66	1/2	2,944.09	1/2	2,659.51	1/2	2,374.93	1/2	2,090.08
3/4		3/4		3/4	4,071.53	3/4	3,788.82	3/4	3,506.15	3/4	3,222.74	3/4	2,938.16	3/4	2,653.58	3/4	2,369.00	3/4	2,084.14

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD

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 356"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,078.20	0	1,793.12	0	1,508.03	0	1,222.95	0	937.87	0	652.98	0	368.14	0	83.24	0		0	
1/4	2,072.26	1/4	1,787.18	1/4	1,502.09	1/4	1,217.01	1/4	931.93	1/4	647.05	1/4	362.20	1/4	77.34	1/4		1/4	
1/2	2,066.32	1/2	1,781.24	1/2	1,496.16	1/2	1,211.07	1/2	925.99	1/2	641.13	1/2	356.27	1/2	71.43	1/2		1/2	
3/4	2,060.38	3/4	1,775.30	3/4	1,490.22	3/4	1,205.13	3/4	920.05	3/4	635.20	3/4	350.33	3/4	65.55	3/4		3/4	
1	2,054.44	1	1,769.36	1	1,484.28	1	1,199.20	1	914.11	1	629.27	1	344.39	1	59.67	1		1	
1/4	2,048.50	1/4	1,763.42	1/4	1,478.34	1/4	1,193.26	1/4	908.17	1/4	623.35	1/4	338.46	1/4	53.79	1/4		1/4	
1/2	2,042.56	1/2	1,757.48	1/2	1,472.40	1/2	1,187.32	1/2	902.24	1/2	617.42	1/2	332.51	1/2	47.91	1/2		1/2	
3/4	2,036.62	3/4	1,751.54	3/4	1,466.46	3/4	1,181.38	3/4	896.30	3/4	611.50	3/4	326.57	3/4	42.51	3/4		3/4	
2	2,030.68	2	1,745.60	2	1,460.52	2	1,175.44	2	890.36	2	605.57	2	320.63	2	37.10	2		2	
1/4	2,024.74	1/4	1,739.66	1/4	1,454.58	1/4	1,169.50	1/4	884.42	1/4	599.65	1/4	314.69	1/4	31.70	1/4		1/4	
1/2	2,018.81	1/2	1,733.72	1/2	1,448.64	1/2	1,163.56	1/2	878.48	1/2	593.72	1/2	308.75	1/2	26.29	1/2		1/2	
3/4	2,012.87	3/4	1,727.78	3/4	1,442.70	3/4	1,157.62	3/4	872.54	3/4	587.79	3/4	302.81	3/4	22.33	3/4		3/4	
3	2,006.93	3	1,721.85	3	1,436.76	3	1,151.68	3	866.60	3	581.87	3	296.88	3	18.38	3		3	
1/4	2,000.99	1/4	1,715.91	1/4	1,430.82	1/4	1,145.74	1/4	860.66	1/4	575.94	1/4	290.94	1/4	14.42	1/4		1/4	
1/2	1,995.05	1/2	1,709.97	1/2	1,424.89	1/2	1,139.80	1/2	854.72	1/2	570.02	1/2	285.00	1/2	10.46	1/2		1/2	
3/4	1,989.11	3/4	1,704.03	3/4	1,418.95	3/4	1,133.86	3/4	848.78	3/4	564.09	3/4	279.06	3/4		3/4		3/4	
4	1,983.17	4	1,698.09	4	1,413.01	4	1,127.93	4	842.84	4	558.16	4	273.12	4		4		4	
1/4	1,977.23	1/4	1,692.15	1/4	1,407.07	1/4	1,121.99	1/4	836.90	1/4	552.23	1/4	267.18	1/4		1/4		1/4	
1/2	1,971.29	1/2	1,686.21	1/2	1,401.13	1/2	1,116.05	1/2	830.97	1/2	546.30	1/2	261.24	1/2		1/2		1/2	
3/4	1,965.35	3/4	1,680.27	3/4	1,395.19	3/4	1,110.11	3/4	825.03	3/4	540.36	3/4	255.30	3/4		3/4		3/4	
5	1,959.41	5	1,674.33	5	1,389.25	5	1,104.17	5	819.09	5	534.43	5	249.36	5		5		5	
1/4	1,953.47	1/4	1,668.39	1/4	1,383.31	1/4	1,098.23	1/4	813.15	1/4	528.49	1/4	243.42	1/4		1/4		1/4	
1/2	1,947.53	1/2	1,662.45	1/2	1,377.37	1/2	1,092.29	1/2	807.21	1/2	522.56	1/2	237.49	1/2		1/2		1/2	
3/4	1,941.60	3/4	1,656.51	3/4	1,371.43	3/4	1,086.35	3/4	801.27	3/4	516.62	3/4	231.55	3/4		3/4		3/4	
6	1,935.66	6	1,650.57	6	1,365.49	6	1,080.41	6	795.33	6	510.68	6	225.61	6		6		6	
1/4	1,929.72	1/4	1,644.64	1/4	1,359.55	1/4	1,074.47	1/4	789.39	1/4	504.74	1/4	219.67	1/4		1/4		1/4	
1/2	1,923.78	1/2	1,638.70	1/2	1,353.61	1/2	1,068.53	1/2	783.45	1/2	498.80	1/2	213.73	1/2		1/2		1/2	
3/4	1,917.84	3/4	1,632.76	3/4	1,347.68	3/4	1,062.59	3/4	777.51	3/4	492.86	3/4	207.79	3/4		3/4		3/4	
7	1,911.90	7	1,626.82	7	1,341.74	7	1,056.65	7	771.57	7	486.92	7	201.85	7		7		7	
1/4	1,905.96	1/4	1,620.88	1/4	1,335.80	1/4	1,050.72	1/4	765.63	1/4	480.98	1/4	195.91	1/4		1/4		1/4	
1/2	1,900.02	1/2	1,614.94	1/2	1,329.86	1/2	1,044.78	1/2	759.69	1/2	475.05	1/2	189.97	1/2		1/2		1/2	
3/4	1,894.08	3/4	1,609.00	3/4	1,323.92	3/4	1,038.84	3/4	753.76	3/4	469.11	3/4	184.03	3/4		3/4		3/4	
8	1,888.14	8	1,603.06	8	1,317.98	8	1,032.90	8	747.82	8	463.17	8	178.10	8		8		8	
1/4	1,882.20	1/4	1,597.12	1/4	1,312.04	1/4	1,026.96	1/4	741.89	1/4	457.23	1/4	172.16	1/4		1/4		1/4	
1/2	1,876.26	1/2	1,591.18	1/2	1,306.10	1/2	1,021.02	1/2	735.95	1/2	451.29	1/2	166.22	1/2		1/2		1/2	
3/4	1,870.33	3/4	1,585.24	3/4	1,300.16	3/4	1,015.08	3/4	730.02	3/4	445.35	3/4	160.28	3/4		3/4		3/4	
9	1,864.39	9	1,579.30	9	1,294.22	9	1,009.14	9	724.09	9	439.41	9	154.34	9		9		9	
1/4	1,858.45	1/4	1,573.37	1/4	1,288.28	1/4	1,003.20	1/4	718.16	1/4	433.47	1/4	148.41	1/4		1/4		1/4	
1/2	1,852.51	1/2	1,567.43	1/2	1,282.34	1/2	997.26	1/2	712.24	1/2	427.53	1/2	142.47	1/2		1/2		1/2	
3/4	1,846.57	3/4	1,561.49	3/4	1,276.41	3/4	991.32	3/4	706.31	3/4	421.59	3/4	136.54	3/4		3/4		3/4	
10	1,840.63	10	1,555.55	10	1,270.47	10	985.38	10	700.38	10	415.66	10	130.61	10		10		10	
1/4	1,834.69	1/4	1,549.61	1/4	1,264.53	1/4	979.45	1/4	694.46	1/4	409.72	1/4	124.68	1/4		1/4		1/4	
1/2	1,828.75	1/2	1,543.67	1/2	1,258.59	1/2	973.51	1/2	688.53	1/2	403.78	1/2	118.74	1/2		1/2		1/2	
3/4	1,822.81	3/4	1,537.73	3/4	1,252.65	3/4	967.57	3/4	682.61	3/4	397.84	3/4	112.82	3/4		3/4		3/4	
11	1,816.87	11	1,531.79	11	1,246.71	11	961.63	11	676.68	11	391.90	11	106.90	11		11		11	
1/4	1,810.93	1/4	1,525.85	1/4	1,240.77	1/4	955.69	1/4	670.75	1/4	385.96	1/4	100.98	1/4		1/4		1/4	
1/2	1,804.99	1/2	1,519.91	1/2	1,234.83	1/2	949.75	1/2	664.83	1/2	380.02	1/2	95.06	1/2		1/2		1/2	
3/4	1,799.05	3/4	1,513.97	3/4	1,228.89	3/4	943.81	3/4	658.90	3/4	374.08	3/4	89.15	3/4		3/4		3/4	

STRAPPED: 03/09/2016 SW
CALCULATED: 03/09/2016 CL
PRINTED: 03/09/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "WEB 356"

2 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	4,061.86	0	3,778.28	0	3,494.73	0	3,210.36	0	2,924.89	0	2,639.43	0	2,353.96
1/4		1/4		1/4		1/4	4,055.94	1/4	3,772.38	1/4	3,488.83	1/4	3,204.41	1/4	2,918.94	1/4	2,633.48	1/4	2,348.01
1/2		1/2		1/2		1/2	4,050.03	1/2	3,766.47	1/2	3,482.92	1/2	3,198.46	1/2	2,913.00	1/2	2,627.53	1/2	2,342.07
3/4		3/4		3/4		3/4	4,044.12	3/4	3,760.56	3/4	3,477.01	3/4	3,192.52	3/4	2,907.05	3/4	2,621.58	3/4	2,336.12
1		1		1		1	4,038.21	1	3,754.65	1	3,471.10	1	3,186.57	1	2,901.10	1	2,615.64	1	2,330.17
1/4		1/4		1/4		1/4	4,032.30	1/4	3,748.75	1/4	3,465.20	1/4	3,180.62	1/4	2,895.16	1/4	2,609.69	1/4	2,324.22
1/2		1/2		1/2		1/2	4,026.39	1/2	3,742.84	1/2	3,459.29	1/2	3,174.67	1/2	2,889.21	1/2	2,603.74	1/2	2,318.28
3/4		3/4		3/4		3/4	4,020.48	3/4	3,736.93	3/4	3,453.38	3/4	3,168.73	3/4	2,883.26	3/4	2,597.80	3/4	2,312.33
2		2		2		2	4,014.58	2	3,731.03	2	3,447.48	2	3,162.78	2	2,877.31	2	2,591.85	2	2,306.38
1/4		1/4		1/4		1/4	4,008.67	1/4	3,725.12	1/4	3,441.57	1/4	3,156.83	1/4	2,871.37	1/4	2,585.90	1/4	2,300.44
1/2		1/2		1/2		1/2	4,002.76	1/2	3,719.21	1/2	3,435.66	1/2	3,150.88	1/2	2,865.42	1/2	2,579.95	1/2	2,294.49
3/4		3/4		3/4		3/4	3,996.85	3/4	3,713.30	3/4	3,429.75	3/4	3,144.94	3/4	2,859.47	3/4	2,574.01	3/4	2,288.54
3		3		3		3	3,990.95	3	3,707.40	3	3,423.85	3	3,138.99	3	2,853.52	3	2,568.06	3	2,282.59
1/4		1/4		1/4		1/4	3,985.04	1/4	3,701.49	1/4	3,417.94	1/4	3,133.04	1/4	2,847.58	1/4	2,562.11	1/4	2,276.65
1/2		1/2		1/2		1/2	3,979.13	1/2	3,695.58	1/2	3,412.03	1/2	3,127.10	1/2	2,841.63	1/2	2,556.16	1/2	2,270.70
3/4		3/4		3/4		3/4	3,973.22	3/4	3,689.67	3/4	3,406.12	3/4	3,121.15	3/4	2,835.68	3/4	2,550.22	3/4	2,264.75
4		4		4		4	3,967.32	4	3,683.77	4	3,400.22	4	3,115.20	4	2,829.74	4	2,544.27	4	2,258.80
1/4		1/4		1/4		1/4	3,961.41	1/4	3,677.86	1/4	3,394.31	1/4	3,109.25	1/4	2,823.79	1/4	2,538.32	1/4	2,252.86
1/2		1/2		1/2		1/2	3,955.50	1/2	3,671.95	1/2	3,388.40	1/2	3,103.31	1/2	2,817.84	1/2	2,532.38	1/2	2,246.91
3/4		3/4		3/4		3/4	3,949.60	3/4	3,666.05	3/4	3,382.49	3/4	3,097.36	3/4	2,811.89	3/4	2,526.43	3/4	2,240.96
5		5		5		5	3,943.69	5	3,660.14	5	3,376.59	5	3,091.41	5	2,805.95	5	2,520.48	5	2,235.01
1/4		1/4		1/4		1/4	3,937.78	1/4	3,654.23	1/4	3,370.68	1/4	3,085.47	1/4	2,800.00	1/4	2,514.53	1/4	2,229.06
1/2		1/2		1/2		1/2	3,931.87	1/2	3,648.32	1/2	3,364.77	1/2	3,079.52	1/2	2,794.05	1/2	2,508.59	1/2	2,223.11
3/4		3/4		3/4		3/4	3,925.97	3/4	3,642.42	3/4	3,358.87	3/4	3,073.57	3/4	2,788.11	3/4	2,502.64	3/4	2,217.15
6		6		6		6	3,920.06	6	3,636.51	6	3,352.96	6	3,067.62	6	2,782.16	6	2,496.69	6	2,211.19
1/4		1/4		1/4		1/4	3,914.15	1/4	3,630.60	1/4	3,347.05	1/4	3,061.68	1/4	2,776.21	1/4	2,490.75	1/4	2,205.23
1/2		1/2		1/2		1/2	3,908.24	1/2	3,624.69	1/2	3,341.13	1/2	3,055.73	1/2	2,770.26	1/2	2,484.80	1/2	2,199.28
3/4		3/4		3/4	4,168.80	3/4	3,902.34	3/4	3,618.79	3/4	3,335.20	3/4	3,049.78	3/4	2,764.32	3/4	2,478.85	3/4	2,193.32
7		7		7	4,165.95	7	3,896.43	7	3,612.88	7	3,329.28	7	3,043.84	7	2,758.37	7	2,472.90	7	2,187.36
1/4		1/4		1/4	4,163.10	1/4	3,890.52	1/4	3,606.97	1/4	3,323.35	1/4	3,037.89	1/4	2,752.42	1/4	2,466.96	1/4	2,181.40
1/2		1/2		1/2	4,159.06	1/2	3,884.62	1/2	3,601.06	1/2	3,317.41	1/2	3,031.94	1/2	2,746.48	1/2	2,461.01	1/2	2,175.44
3/4		3/4		3/4	4,155.02	3/4	3,878.71	3/4	3,595.16	3/4	3,311.46	3/4	3,025.99	3/4	2,740.53	3/4	2,455.06	3/4	2,169.49
8		8		8	4,150.98	8	3,872.80	8	3,589.25	8	3,305.51	8	3,020.05	8	2,734.58	8	2,449.12	8	2,163.53
1/4		1/4		1/4	4,146.94	1/4	3,866.89	1/4	3,583.34	1/4	3,299.56	1/4	3,014.10	1/4	2,728.63	1/4	2,443.17	1/4	2,157.57
1/2		1/2		1/2	4,141.80	1/2	3,860.99	1/2	3,577.44	1/2	3,293.62	1/2	3,008.15	1/2	2,722.69	1/2	2,437.22	1/2	2,151.61
3/4		3/4		3/4	4,136.65	3/4	3,855.08	3/4	3,571.53	3/4	3,287.67	3/4	3,002.20	3/4	2,716.74	3/4	2,431.27	3/4	2,145.66
9		9		9	4,131.50	9	3,849.17	9	3,565.62	9	3,281.72	9	2,996.26	9	2,710.79	9	2,425.33	9	2,139.70
1/4		1/4		1/4	4,126.36	1/4	3,843.26	1/4	3,559.71	1/4	3,275.78	1/4	2,990.31	1/4	2,704.84	1/4	2,419.38	1/4	2,133.74
1/2		1/2		1/2	4,120.57	1/2	3,837.36	1/2	3,553.81	1/2	3,269.83	1/2	2,984.36	1/2	2,698.90	1/2	2,413.43	1/2	2,127.78
3/4		3/4		3/4	4,114.79	3/4	3,831.45	3/4	3,547.90	3/4	3,263.88	3/4	2,978.42	3/4	2,692.95	3/4	2,407.48	3/4	2,121.82
10		10		10	4,109.01	10	3,825.54	10	3,541.99	10	3,257.93	10	2,972.47	10	2,687.00	10	2,401.54	10	2,115.87
1/4		1/4		1/4	4,103.23	1/4	3,819.63	1/4	3,536.08	1/4	3,251.99	1/4	2,966.52	1/4	2,681.06	1/4	2,395.59	1/4	2,109.91
1/2		1/2		1/2	4,097.33	1/2	3,813.73	1/2	3,530.18	1/2	3,246.04	1/2	2,960.57	1/2	2,675.11	1/2	2,389.64	1/2	2,103.95
3/4		3/4		3/4	4,091.42	3/4	3,807.82	3/4	3,524.27	3/4	3,240.09	3/4	2,954.63	3/4	2,669.16	3/4	2,383.70	3/4	2,097.99
11		11		11	4,085.51	11	3,801.91	11	3,518.36	11	3,234.15	11	2,948.68	11	2,663.21	11	2,377.75	11	2,092.04
1/4		1/4		1/4	4,079.60	1/4	3,796.01	1/4	3,512.46	1/4	3,228.20	1/4	2,942.73	1/4	2,657.27	1/4	2,371.80	1/4	2,086.08
1/2		1/2		1/2	4,073.69	1/2	3,790.10	1/2	3,506.55	1/2	3,222.25	1/2	2,936.79	1/2	2,651.32	1/2	2,365.85	1/2	2,080.12
3/4		3/4		3/4	4,067.77	3/4	3,784.19	3/4	3,500.64	3/4	3,216.30	3/4	2,930.84	3/4	2,645.37	3/4	2,359.91	3/4	2,074.16

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED 11'-00" OFF CENTERLINE AND 29'-06" FORWARD OF AFT BULKHEAD

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 356"

2 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	2,068.20	0	1,782.23	0	1,496.26	0	1,210.28	0	924.31	0	645.39	0	363.33	0	77.58	0		0	
1/4	2,062.25	1/4	1,776.27	1/4	1,490.30	1/4	1,204.32	1/4	918.35	1/4	639.66	1/4	357.37	1/4	71.65	1/4		1/4	
1/2	2,056.29	1/2	1,770.31	1/2	1,484.34	1/2	1,198.37	1/2	912.39	1/2	633.93	1/2	351.42	1/2	65.76	1/2		1/2	
3/4	2,050.33	3/4	1,764.36	3/4	1,478.38	3/4	1,192.41	3/4	906.43	3/4	628.21	3/4	345.46	3/4	59.86	3/4		3/4	
1	2,044.37	1	1,758.40	1	1,472.42	1	1,186.45	1	900.48	1	622.48	1	339.50	1	53.96	1		1	
1/4	2,038.41	1/4	1,752.44	1/4	1,466.47	1/4	1,180.49	1/4	894.52	1/4	616.75	1/4	333.54	1/4	48.06	1/4		1/4	
1/2	2,032.46	1/2	1,746.48	1/2	1,460.51	1/2	1,174.53	1/2	888.56	1/2	611.02	1/2	327.59	1/2	42.64	1/2		1/2	
3/4	2,026.50	3/4	1,740.52	3/4	1,454.55	3/4	1,168.58	3/4	882.60	3/4	605.29	3/4	321.63	3/4	37.22	3/4		3/4	
2	2,020.54	2	1,734.57	2	1,448.59	2	1,162.62	2	876.64	2	599.57	2	315.67	2	31.79	2		2	
1/4	2,014.58	1/4	1,728.61	1/4	1,442.63	1/4	1,156.66	1/4	870.69	1/4	593.84	1/4	309.71	1/4	26.37	1/4		1/4	
1/2	2,008.63	1/2	1,722.65	1/2	1,436.68	1/2	1,150.70	1/2	864.73	1/2	588.11	1/2	303.76	1/2	22.40	1/2		1/2	
3/4	2,002.67	3/4	1,716.69	3/4	1,430.72	3/4	1,144.74	3/4	858.77	3/4	582.38	3/4	297.80	3/4	18.43	3/4		3/4	
3	1,996.71	3	1,710.74	3	1,424.76	3	1,138.79	3	852.81	3	576.65	3	291.84	3	14.46	3		3	
1/4	1,990.75	1/4	1,704.78	1/4	1,418.80	1/4	1,132.83	1/4	846.85	1/4	570.93	1/4	285.88	1/4	10.49	1/4		1/4	
1/2	1,984.79	1/2	1,698.82	1/2	1,412.85	1/2	1,126.87	1/2	840.95	1/2	565.14	1/2	279.93	1/2	7.93	1/2		1/2	
3/4	1,978.84	3/4	1,692.86	3/4	1,406.89	3/4	1,120.91	3/4	835.05	3/4	559.36	3/4	273.97	3/4	6.37	3/4		3/4	
4	1,972.88	4	1,686.90	4	1,400.93	4	1,114.96	4	829.15	4	553.57	4	268.01	4	5.81	4		4	
1/4	1,966.92	1/4	1,680.95	1/4	1,394.97	1/4	1,109.00	1/4	823.25	1/4	547.78	1/4	262.05	1/4	5.25	1/4		1/4	
1/2	1,960.96	1/2	1,674.99	1/2	1,389.01	1/2	1,103.04	1/2	817.46	1/2	541.86	1/2	256.10	1/2	4.69	1/2		1/2	
3/4	1,955.01	3/4	1,669.03	3/4	1,383.06	3/4	1,097.08	3/4	811.67	3/4	535.98	3/4	250.14	3/4	4.13	3/4		3/4	
5	1,949.05	5	1,663.07	5	1,377.10	5	1,091.12	5	805.88	5	530.08	5	244.18	5	3.57	5		5	
1/4	1,943.09	1/4	1,657.12	1/4	1,371.14	1/4	1,085.17	1/4	800.10	1/4	524.18	1/4	238.22	1/4	3.01	1/4		1/4	
1/2	1,937.13	1/2	1,651.16	1/2	1,365.18	1/2	1,079.21	1/2	794.36	1/2	518.23	1/2	232.27	1/2	2.45	1/2		1/2	
3/4	1,931.17	3/4	1,645.20	3/4	1,359.23	3/4	1,073.25	3/4	788.63	3/4	512.27	3/4	226.31	3/4	1.89	3/4		3/4	
6	1,925.22	6	1,639.24	6	1,353.27	6	1,067.29	6	782.90	6	506.31	6	220.35	6	1.33	6		6	
1/4	1,919.26	1/4	1,633.28	1/4	1,347.31	1/4	1,061.34	1/4	777.17	1/4	500.35	1/4	214.39	1/4	0.77	1/4		1/4	
1/2	1,913.30	1/2	1,627.33	1/2	1,341.35	1/2	1,055.38	1/2	771.43	1/2	494.40	1/2	208.44	1/2	0.21	1/2		1/2	
3/4	1,907.34	3/4	1,621.37	3/4	1,335.39	3/4	1,049.42	3/4	765.70	3/4	488.44	3/4	202.48	3/4	0.65	3/4		3/4	
7	1,901.39	7	1,615.41	7	1,329.44	7	1,043.46	7	759.97	7	482.48	7	196.52	7	0.09	7		7	
1/4	1,895.43	1/4	1,609.45	1/4	1,323.48	1/4	1,037.50	1/4	754.24	1/4	476.52	1/4	190.56	1/4	0.53	1/4		1/4	
1/2	1,889.47	1/2	1,603.50	1/2	1,317.52	1/2	1,031.55	1/2	748.50	1/2	470.57	1/2	184.61	1/2	0.09	1/2		1/2	
3/4	1,883.51	3/4	1,597.54	3/4	1,311.56	3/4	1,025.59	3/4	742.77	3/4	464.61	3/4	178.65	3/4	0.53	3/4		3/4	
8	1,877.55	8	1,591.58	8	1,305.61	8	1,019.63	8	737.04	8	458.65	8	172.69	8	0.09	8		8	
1/4	1,871.60	1/4	1,585.62	1/4	1,299.65	1/4	1,013.67	1/4	731.31	1/4	452.69	1/4	166.74	1/4	0.53	1/4		1/4	
1/2	1,865.64	1/2	1,579.66	1/2	1,293.69	1/2	1,007.72	1/2	725.58	1/2	446.74	1/2	160.78	1/2	0.09	1/2		1/2	
3/4	1,859.68	3/4	1,573.71	3/4	1,287.73	3/4	1,001.76	3/4	719.85	3/4	440.78	3/4	154.83	3/4	0.53	3/4		3/4	
9	1,853.72	9	1,567.75	9	1,281.77	9	995.80	9	714.12	9	434.82	9	148.87	9	0.09	9		9	
1/4	1,847.77	1/4	1,561.79	1/4	1,275.82	1/4	989.84	1/4	708.40	1/4	428.86	1/4	142.91	1/4	0.53	1/4		1/4	
1/2	1,841.81	1/2	1,555.83	1/2	1,269.86	1/2	983.88	1/2	702.67	1/2	422.91	1/2	136.96	1/2	0.09	1/2		1/2	
3/4	1,835.85	3/4	1,549.88	3/4	1,263.90	3/4	977.93	3/4	696.94	3/4	416.95	3/4	131.01	3/4	0.53	3/4		3/4	
10	1,829.89	10	1,543.92	10	1,257.94	10	971.97	10	691.21	10	410.99	10	125.06	10	0.09	10		10	
1/4	1,823.93	1/4	1,537.96	1/4	1,251.99	1/4	966.01	1/4	685.48	1/4	405.03	1/4	119.11	1/4	0.53	1/4		1/4	
1/2	1,817.98	1/2	1,532.00	1/2	1,246.03	1/2	960.05	1/2	679.76	1/2	399.08	1/2	113.17	1/2	0.09	1/2		1/2	
3/4	1,812.02	3/4	1,526.04	3/4	1,240.07	3/4	954.10	3/4	674.03	3/4	393.12	3/4	107.23	3/4	0.53	3/4		3/4	
11	1,806.06	11	1,520.09	11	1,234.11	11	948.14	11	668.30	11	387.16	11	101.29	11	0.09	11		11	
1/4	1,800.10	1/4	1,514.13	1/4	1,228.15	1/4	942.18	1/4	662.57	1/4	381.20	1/4	95.35	1/4	0.53	1/4		1/4	
1/2	1,794.15	1/2	1,508.17	1/2	1,222.20	1/2	936.22	1/2	656.85	1/2	375.25	1/2	89.43	1/2	0.09	1/2		1/2	
3/4	1,788.19	3/4	1,502.21	3/4	1,216.24	3/4	930.26	3/4	651.12	3/4	369.29	3/4	83.50	3/4	0.53	3/4		3/4	

STRAPPED: 03/09/2016 SW
CALCULATED: 03/09/2016 CL
PRINTED: 03/09/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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P.O. Box 2092
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BARGE "WEB 356"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-06 3/4"

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	7,013.43	0	6,522.67	0	6,032.06	0	5,540.25	0	5,046.17	0	4,552.09	0	4,058.00
1/4		1/4		1/4		1/4	7,003.21	1/4	6,512.45	1/4	6,021.84	1/4	5,529.96	1/4	5,035.88	1/4	4,541.79	1/4	4,047.71
1/2		1/2		1/2		1/2	6,992.99	1/2	6,502.23	1/2	6,011.62	1/2	5,519.67	1/2	5,025.58	1/2	4,531.50	1/2	4,037.42
3/4		3/4		3/4		3/4	6,982.77	3/4	6,492.01	3/4	6,001.40	3/4	5,509.37	3/4	5,015.29	3/4	4,521.21	3/4	4,027.12
1		1		1		1	6,972.53	1	6,481.79	1	5,991.18	1	5,499.08	1	5,005.00	1	4,510.91	1	4,016.83
1/4		1/4		1/4		1/4	6,962.29	1/4	6,471.57	1/4	5,980.95	1/4	5,488.79	1/4	4,994.70	1/4	4,500.62	1/4	4,006.54
1/2		1/2		1/2		1/2	6,952.06	1/2	6,461.35	1/2	5,970.73	1/2	5,478.49	1/2	4,984.41	1/2	4,490.33	1/2	3,996.24
3/4		3/4		3/4		3/4	6,941.82	3/4	6,451.13	3/4	5,960.51	3/4	5,468.20	3/4	4,974.12	3/4	4,480.03	3/4	3,985.95
2		2		2		2	6,931.58	2	6,440.90	2	5,950.29	2	5,457.91	2	4,963.82	2	4,469.74	2	3,975.66
1/4		1/4		1/4		1/4	6,921.34	1/4	6,430.68	1/4	5,940.07	1/4	5,447.61	1/4	4,953.53	1/4	4,459.45	1/4	3,965.36
1/2		1/2		1/2		1/2	6,911.10	1/2	6,420.46	1/2	5,929.85	1/2	5,437.32	1/2	4,943.24	1/2	4,449.15	1/2	3,955.07
3/4		3/4		3/4		3/4	6,900.86	3/4	6,410.24	3/4	5,919.63	3/4	5,427.03	3/4	4,932.94	3/4	4,438.86	3/4	3,944.78
3		3		3		3	6,890.64	3	6,400.02	3	5,909.41	3	5,416.73	3	4,922.65	3	4,428.57	3	3,934.48
1/4		1/4		1/4		1/4	6,880.41	1/4	6,389.80	1/4	5,899.19	1/4	5,406.44	1/4	4,912.36	1/4	4,418.27	1/4	3,924.19
1/2		1/2		1/2		1/2	6,870.19	1/2	6,379.58	1/2	5,888.96	1/2	5,396.15	1/2	4,902.06	1/2	4,407.98	1/2	3,913.90
3/4		3/4		3/4		3/4	6,859.97	3/4	6,369.36	3/4	5,878.74	3/4	5,385.85	3/4	4,891.77	3/4	4,397.69	3/4	3,903.60
4		4		4		4	6,849.75	4	6,359.14	4	5,868.52	4	5,375.56	4	4,881.48	4	4,387.39	4	3,893.31
1/4		1/4		1/4		1/4	6,839.53	1/4	6,348.91	1/4	5,858.30	1/4	5,365.27	1/4	4,871.18	1/4	4,377.10	1/4	3,883.02
1/2		1/2		1/2		1/2	6,829.31	1/2	6,338.69	1/2	5,848.08	1/2	5,354.97	1/2	4,860.89	1/2	4,366.81	1/2	3,872.72
3/4		3/4		3/4		3/4	6,819.08	3/4	6,328.47	3/4	5,837.86	3/4	5,344.68	3/4	4,850.60	3/4	4,356.51	3/4	3,862.43
5		5		5		5	6,808.86	5	6,318.25	5	5,827.64	5	5,334.39	5	4,840.30	5	4,346.22	5	3,852.14
1/4		1/4		1/4		1/4	6,798.64	1/4	6,308.03	1/4	5,817.42	1/4	5,324.09	1/4	4,830.01	1/4	4,335.93	1/4	3,841.84
1/2		1/2		1/2		1/2	6,788.42	1/2	6,297.81	1/2	5,807.20	1/2	5,313.80	1/2	4,819.72	1/2	4,325.63	1/2	3,831.55
3/4		3/4		3/4		3/4	6,778.20	3/4	6,287.69	3/4	5,796.97	3/4	5,303.51	3/4	4,809.42	3/4	4,315.34	3/4	3,821.26
6		6		6		6	6,767.98	6	6,277.37	6	5,786.75	6	5,293.21	6	4,799.13	6	4,305.05	6	3,810.96
1/4		1/4		1/4		1/4	7,156.51	1/4	6,757.76	1/4	6,267.15	1/4	5,776.53	1/4	5,282.92	1/4	4,788.84	1/4	4,294.75
1/2		1/2		1/2		1/2	7,155.71	1/2	6,747.54	1/2	6,256.92	1/2	5,766.31	1/2	5,272.63	1/2	4,778.54	1/2	4,284.46
3/4		3/4		3/4		3/4	7,154.92	3/4	6,737.32	3/4	6,246.70	3/4	5,756.09	3/4	5,262.33	3/4	4,768.25	3/4	4,274.17
7		7		7		7	7,152.32	7	6,727.09	7	6,236.48	7	5,745.87	7	5,252.04	7	4,757.96	7	4,263.87
1/4		1/4		1/4		1/4	7,149.72	1/4	6,716.87	1/4	6,226.26	1/4	5,735.65	1/4	5,241.75	1/4	4,747.66	1/4	4,253.58
1/2		1/2		1/2		1/2	7,147.12	1/2	6,706.65	1/2	6,216.04	1/2	5,725.43	1/2	5,231.45	1/2	4,737.37	1/2	4,243.29
3/4		3/4		3/4		3/4	7,144.53	3/4	6,696.43	3/4	6,205.82	3/4	5,715.21	3/4	5,221.16	3/4	4,727.08	3/4	4,232.99
8		8		8		8	7,139.87	8	6,686.21	8	6,195.60	8	5,704.92	8	5,210.86	8	4,716.78	8	4,222.70
1/4		1/4		1/4		1/4	7,135.20	1/4	6,675.99	1/4	6,185.38	1/4	5,694.64	1/4	5,200.57	1/4	4,706.49	1/4	4,212.41
1/2		1/2		1/2		1/2	7,130.54	1/2	6,665.77	1/2	6,175.16	1/2	5,684.35	1/2	5,190.28	1/2	4,696.19	1/2	4,202.11
3/4		3/4		3/4		3/4	7,125.88	3/4	6,655.55	3/4	6,164.93	3/4	5,674.07	3/4	5,179.98	3/4	4,685.90	3/4	4,191.82
9		9		9		9	7,119.16	9	6,645.33	9	6,154.71	9	5,663.77	9	5,169.69	9	4,675.61	9	4,181.52
1/4		1/4		1/4		1/4	7,112.43	1/4	6,635.10	1/4	6,144.49	1/4	5,653.48	1/4	5,159.40	1/4	4,665.31	1/4	4,171.23
1/2		1/2		1/2		1/2	7,105.71	1/2	6,624.88	1/2	6,134.27	1/2	5,643.19	1/2	5,149.10	1/2	4,655.02	1/2	4,160.94
3/4		3/4		3/4		3/4	7,098.98	3/4	6,614.66	3/4	6,124.05	3/4	5,632.89	3/4	5,138.81	3/4	4,644.73	3/4	4,150.64
10		10		10		10	7,090.20	10	6,604.44	10	6,113.83	10	5,622.60	10	5,128.52	10	4,634.43	10	4,140.35
1/4		1/4		1/4		1/4	7,081.41	1/4	6,594.22	1/4	6,103.61	1/4	5,612.31	1/4	5,118.22	1/4	4,624.14	1/4	4,130.06
1/2		1/2		1/2		1/2	7,072.63	1/2	6,584.00	1/2	6,093.39	1/2	5,602.01	1/2	5,107.93	1/2	4,613.85	1/2	4,119.76
3/4		3/4		3/4		3/4	7,063.84	3/4	6,573.78	3/4	6,083.17	3/4	5,591.72	3/4	5,097.64	3/4	4,603.55	3/4	4,109.47
11		11		11		11	7,053.79	11	6,563.56	11	6,072.94	11	5,581.43	11	5,087.34	11	4,593.26	11	4,099.18
1/4		1/4		1/4		1/4	7,043.75	1/4	6,553.34	1/4	6,062.72	1/4	5,571.13	1/4	5,077.05	1/4	4,582.97	1/4	4,088.88
1/2		1/2		1/2		1/2	7,033.70	1/2	6,543.11	1/2	6,052.50	1/2	5,560.84	1/2	5,066.76	1/2	4,572.67	1/2	4,078.59
3/4		3/4		3/4		3/4	7,023.65	3/4	6,532.89	3/4	6,042.28	3/4	5,550.55	3/4	5,056.46	3/4	4,562.38	3/4	4,068.30

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 356"

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	3,563.53	0	3,068.53	0	2,573.52	0	2,078.52	0	1,583.51	0	1,088.94	0	595.05	0	157.73	0		0	
1/4	3,563.22	1/4	3,068.22	1/4	2,563.21	1/4	2,068.21	1/4	1,573.20	1/4	1,078.65	1/4	584.97	1/4	149.68	1/4		1/4	
1/2	3,542.91	1/2	3,047.90	1/2	2,552.90	1/2	2,057.89	1/2	1,562.89	1/2	1,068.36	1/2	574.89	1/2	141.64	1/2		1/2	
3/4	3,532.59	3/4	3,037.59	3/4	2,542.59	3/4	2,047.58	3/4	1,552.58	3/4	1,058.07	3/4	564.81	3/4	133.60	3/4		3/4	
1	3,522.28	1	3,027.28	1	2,532.27	1	2,037.27	1	1,542.26	1	1,047.78	1	554.90	1	125.75	1		1	
1/4	3,511.97	1/4	3,016.96	1/4	2,521.96	1/4	2,026.96	1/4	1,531.95	1/4	1,037.49	1/4	544.99	1/4	117.90	1/4		1/4	
1/2	3,501.66	1/2	3,006.65	1/2	2,511.65	1/2	2,016.64	1/2	1,521.64	1/2	1,027.19	1/2	535.08	1/2	110.04	1/2		1/2	
3/4	3,491.34	3/4	2,996.34	3/4	2,501.33	3/4	2,006.33	3/4	1,511.33	3/4	1,016.90	3/4	525.16	3/4	102.19	3/4		3/4	
2	3,481.03	2	2,986.03	2	2,491.02	2	1,996.02	2	1,501.01	2	1,006.61	2	515.42	2	94.54	2		2	
1/4	3,470.72	1/4	2,975.71	1/4	2,480.71	1/4	1,985.70	1/4	1,490.70	1/4	996.32	1/4	505.68	1/4	86.88	1/4		1/4	
1/2	3,460.41	1/2	2,965.40	1/2	2,470.40	1/2	1,975.39	1/2	1,480.39	1/2	986.03	1/2	495.93	1/2	79.23	1/2		1/2	
3/4	3,450.09	3/4	2,955.09	3/4	2,460.08	3/4	1,965.08	3/4	1,470.07	3/4	975.74	3/4	486.19	3/4	71.58	3/4		3/4	
3	3,439.78	3	2,944.78	3	2,449.77	3	1,954.77	3	1,459.76	3	965.45	3	476.62	3	64.14	3		3	
1/4	3,429.47	1/4	2,934.46	1/4	2,439.46	1/4	1,944.45	1/4	1,449.45	1/4	955.15	1/4	467.04	1/4	56.71	1/4		1/4	
1/2	3,419.16	1/2	2,924.15	1/2	2,429.15	1/2	1,934.14	1/2	1,439.14	1/2	944.86	1/2	457.46	1/2	49.28	1/2		1/2	
3/4	3,408.84	3/4	2,913.84	3/4	2,418.83	3/4	1,923.83	3/4	1,428.82	3/4	934.57	3/4	447.89	3/4	41.85	3/4		3/4	
4	3,398.53	4	2,903.53	4	2,408.52	4	1,913.52	4	1,418.51	4	924.28	4	438.48	4	36.00	4		4	
1/4	3,388.22	1/4	2,893.21	1/4	2,398.21	1/4	1,903.20	1/4	1,408.20	1/4	913.99	1/4	429.08	1/4	30.14	1/4		1/4	
1/2	3,377.91	1/2	2,882.90	1/2	2,387.90	1/2	1,892.89	1/2	1,397.89	1/2	903.70	1/2	419.67	1/2	24.28	1/2		1/2	
3/4	3,367.59	3/4	2,872.59	3/4	2,377.58	3/4	1,882.58	3/4	1,387.57	3/4	893.41	3/4	410.26	3/4	18.42	3/4		3/4	
5	3,357.28	5	2,862.28	5	2,367.27	5	1,872.27	5	1,377.26	5	883.11	5	401.02	5	15.93	5		5	
1/4	3,346.97	1/4	2,851.96	1/4	2,356.96	1/4	1,861.95	1/4	1,366.95	1/4	872.82	1/4	391.79	1/4	13.44	1/4		1/4	
1/2	3,336.66	1/2	2,841.65	1/2	2,346.65	1/2	1,851.64	1/2	1,356.64	1/2	862.53	1/2	382.55	1/2	10.94	1/2		1/2	
3/4	3,326.34	3/4	2,831.34	3/4	2,336.33	3/4	1,841.33	3/4	1,346.32	3/4	852.24	3/4	373.31	3/4	8.45	3/4		3/4	
6	3,316.03	6	2,821.03	6	2,326.02	6	1,831.02	6	1,336.01	6	841.95	6	364.24	6	6.69	6		6	
1/4	3,305.72	1/4	2,810.71	1/4	2,315.71	1/4	1,820.70	1/4	1,325.70	1/4	831.66	1/4	355.17	1/4	4.94	1/4		1/4	
1/2	3,295.40	1/2	2,800.40	1/2	2,305.40	1/2	1,810.39	1/2	1,315.39	1/2	821.36	1/2	346.10	1/2	3.18	1/2		1/2	
3/4	3,285.09	3/4	2,790.09	3/4	2,295.08	3/4	1,800.08	3/4	1,305.07	3/4	811.07	3/4	337.03	3/4	1.42	3/4		3/4	
7	3,274.78	7	2,779.77	7	2,284.77	7	1,789.77	7	1,294.78	7	800.76	7	328.13	7		7		7	
1/4	3,264.47	1/4	2,769.46	1/4	2,274.46	1/4	1,779.45	1/4	1,284.49	1/4	790.45	1/4	319.23	1/4		1/4		1/4	
1/2	3,254.15	1/2	2,759.15	1/2	2,264.14	1/2	1,769.14	1/2	1,274.19	1/2	780.14	1/2	310.33	1/2		1/2		1/2	
3/4	3,243.84	3/4	2,748.84	3/4	2,253.83	3/4	1,758.83	3/4	1,263.90	3/4	769.84	3/4	301.42	3/4		3/4		3/4	
8	3,233.53	8	2,738.52	8	2,243.52	8	1,748.51	8	1,253.61	8	759.52	8	292.69	8		8		8	
1/4	3,223.22	1/4	2,728.21	1/4	2,233.21	1/4	1,738.20	1/4	1,243.32	1/4	749.21	1/4	283.96	1/4		1/4		1/4	
1/2	3,212.90	1/2	2,717.90	1/2	2,222.89	1/2	1,727.89	1/2	1,233.02	1/2	738.90	1/2	275.23	1/2		1/2		1/2	
3/4	3,202.59	3/4	2,707.59	3/4	2,212.58	3/4	1,717.58	3/4	1,222.73	3/4	728.59	3/4	266.49	3/4		3/4		3/4	
9	3,192.28	9	2,697.27	9	2,202.27	9	1,707.26	9	1,212.44	9	718.27	9	257.93	9		9		9	
1/4	3,181.97	1/4	2,686.96	1/4	2,191.96	1/4	1,696.95	1/4	1,202.15	1/4	707.96	1/4	249.36	1/4		1/4		1/4	
1/2	3,171.65	1/2	2,676.65	1/2	2,181.64	1/2	1,686.64	1/2	1,191.86	1/2	697.65	1/2	240.80	1/2		1/2		1/2	
3/4	3,161.34	3/4	2,666.34	3/4	2,171.33	3/4	1,676.33	3/4	1,181.57	3/4	687.34	3/4	232.24	3/4		3/4		3/4	
10	3,151.03	10	2,656.02	10	2,161.02	10	1,666.01	10	1,171.28	10	677.03	10	223.84	10		10		10	
1/4	3,140.72	1/4	2,645.71	1/4	2,150.71	1/4	1,655.70	1/4	1,160.98	1/4	666.71	1/4	215.44	1/4		1/4		1/4	
1/2	3,130.40	1/2	2,635.40	1/2	2,140.39	1/2	1,645.39	1/2	1,150.69	1/2	656.40	1/2	207.05	1/2		1/2		1/2	
3/4	3,120.09	3/4	2,625.09	3/4	2,130.08	3/4	1,635.08	3/4	1,140.40	3/4	646.09	3/4	198.65	3/4		3/4		3/4	
11	3,109.78	11	2,614.77	11	2,119.77	11	1,624.76	11	1,130.11	11	635.85	11	190.43	11		11		11	
1/4	3,099.47	1/4	2,604.46	1/4	2,109.46	1/4	1,614.45	1/4	1,119.82	1/4	625.61	1/4	182.21	1/4		1/4		1/4	
1/2	3,089.15	1/2	2,594.15	1/2	2,099.14	1/2	1,604.14	1/2	1,109.53	1/2	615.37	1/2	173.99	1/2		1/2		1/2	
3/4	3,078.84	3/4	2,583.84	3/4	2,088.83	3/4	1,593.83	3/4	1,099.24	3/4	605.14	3/4	165.77	3/4		3/4		3/4	

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