



BARGE "WEB 143"

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	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-0/8	01-0/8	- 01-1/4	01-1/4	- 01-3/8	01-3/8
2 CENTER	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	00-5/8	- 00-5/8
3 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 01-0/8	01-0/8

(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 1 CENTER IS 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2'

LENGTH BETWEEN DRAFT MARKS: 166'-06"

February 24, 2016

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 143"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02"

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	3,395.60	0	3,153.74	0	2,911.89	0	2,670.03	0	2,428.17	0	2,186.31	0	1,944.46
1/4		1/4		1/4		1/4	3,390.56	1/4	3,148.70	1/4	2,906.85	1/4	2,664.99	1/4	2,423.13	1/4	2,181.27	1/4	1,939.42
1/2		1/2		1/2		1/2	3,385.52	1/2	3,143.67	1/2	2,901.81	1/2	2,659.95	1/2	2,418.09	1/2	2,176.24	1/2	1,934.38
3/4		3/4		3/4		3/4	3,380.48	3/4	3,138.63	3/4	2,896.77	3/4	2,654.91	3/4	2,413.05	3/4	2,171.20	3/4	1,929.34
1		1		1		1	3,375.45	1	3,133.59	1	2,891.73	1	2,649.87	1	2,408.02	1	2,166.16	1	1,924.30
1/4		1/4		1/4		1/4	3,370.41	1/4	3,128.55	1/4	2,886.69	1/4	2,644.83	1/4	2,402.98	1/4	2,161.12	1/4	1,919.26
1/2		1/2		1/2		1/2	3,365.37	1/2	3,123.51	1/2	2,881.65	1/2	2,639.80	1/2	2,397.94	1/2	2,156.08	1/2	1,914.22
3/4		3/4		3/4		3/4	3,360.33	3/4	3,118.47	3/4	2,876.61	3/4	2,634.76	3/4	2,392.90	3/4	2,151.04	3/4	1,909.18
2		2		2		2	3,355.29	2	3,113.43	2	2,871.58	2	2,629.72	2	2,387.86	2	2,146.00	2	1,904.15
1/4		1/4		1/4		1/4	3,350.25	1/4	3,108.39	1/4	2,866.54	1/4	2,624.68	1/4	2,382.82	1/4	2,140.96	1/4	1,899.11
1/2		1/2		1/2		1/2	3,345.21	1/2	3,103.36	1/2	2,861.50	1/2	2,619.64	1/2	2,377.78	1/2	2,135.93	1/2	1,894.07
3/4		3/4		3/4		3/4	3,340.18	3/4	3,098.32	3/4	2,856.46	3/4	2,614.60	3/4	2,372.74	3/4	2,130.89	3/4	1,889.03
3		3		3		3	3,335.14	3	3,093.28	3	2,851.42	3	2,609.56	3	2,367.71	3	2,125.85	3	1,883.99
1/4		1/4		1/4		1/4	3,330.10	1/4	3,088.24	1/4	2,846.38	1/4	2,604.52	1/4	2,362.67	1/4	2,120.81	1/4	1,878.95
1/2		1/2		1/2		1/2	3,325.06	1/2	3,083.20	1/2	2,841.34	1/2	2,599.49	1/2	2,357.63	1/2	2,115.77	1/2	1,873.91
3/4		3/4		3/4		3/4	3,320.02	3/4	3,078.16	3/4	2,836.30	3/4	2,594.45	3/4	2,352.59	3/4	2,110.73	3/4	1,868.87
4		4		4		4	3,314.98	4	3,073.12	4	2,831.27	4	2,589.41	4	2,347.55	4	2,105.69	4	1,863.84
1/4		1/4		1/4		1/4	3,309.94	1/4	3,068.09	1/4	2,826.23	1/4	2,584.37	1/4	2,342.51	1/4	2,100.65	1/4	1,858.80
1/2		1/2		1/2		1/2	3,304.90	1/2	3,063.05	1/2	2,821.19	1/2	2,579.33	1/2	2,337.47	1/2	2,095.62	1/2	1,853.76
3/4		3/4		3/4		3/4	3,299.87	3/4	3,058.01	3/4	2,816.15	3/4	2,574.29	3/4	2,332.43	3/4	2,090.58	3/4	1,848.72
5		5		5		5	3,294.83	5	3,052.97	5	2,811.11	5	2,569.25	5	2,327.40	5	2,085.54	5	1,843.68
1/4		1/4		1/4		1/4	3,289.79	1/4	3,047.93	1/4	2,806.07	1/4	2,564.22	1/4	2,322.36	1/4	2,080.50	1/4	1,838.64
1/2		1/2		1/2		1/2	3,284.75	1/2	3,042.89	1/2	2,801.03	1/2	2,559.18	1/2	2,317.32	1/2	2,075.46	1/2	1,833.60
3/4		3/4		3/4		3/4	3,279.71	3/4	3,037.85	3/4	2,796.00	3/4	2,554.14	3/4	2,312.28	3/4	2,070.42	3/4	1,828.56
6		6		6	3,486.02	6	3,274.67	6	3,032.81	6	2,790.96	6	2,549.10	6	2,307.24	6	2,065.38	6	1,823.53
1/4		1/4		1/4	3,485.18	1/4	3,269.63	1/4	3,027.78	1/4	2,785.92	1/4	2,544.06	1/4	2,302.20	1/4	2,060.35	1/4	1,818.49
1/2		1/2		1/2	3,484.34	1/2	3,264.59	1/2	3,022.74	1/2	2,780.88	1/2	2,539.02	1/2	2,297.16	1/2	2,055.31	1/2	1,813.45
3/4		3/4		3/4	3,483.50	3/4	3,259.56	3/4	3,017.70	3/4	2,775.84	3/4	2,533.98	3/4	2,292.13	3/4	2,050.27	3/4	1,808.41
7		7		7	3,482.66	7	3,254.52	7	3,012.66	7	2,770.80	7	2,528.94	7	2,287.09	7	2,045.23	7	1,803.37
1/4		1/4		1/4	3,480.14	1/4	3,249.48	1/4	3,007.62	1/4	2,765.76	1/4	2,523.91	1/4	2,282.05	1/4	2,040.19	1/4	1,798.33
1/2		1/2		1/2	3,477.62	1/2	3,244.44	1/2	3,002.58	1/2	2,760.72	1/2	2,518.87	1/2	2,277.01	1/2	2,035.15	1/2	1,793.29
3/4		3/4		3/4	3,475.10	3/4	3,239.40	3/4	2,997.54	3/4	2,755.69	3/4	2,513.83	3/4	2,271.97	3/4	2,030.11	3/4	1,788.26
8		8		8	3,472.58	8	3,234.36	8	2,992.50	8	2,750.65	8	2,508.79	8	2,266.93	8	2,025.07	8	1,783.22
1/4		1/4		1/4	3,468.39	1/4	3,229.32	1/4	2,987.47	1/4	2,745.61	1/4	2,503.75	1/4	2,261.89	1/4	2,020.04	1/4	1,778.18
1/2		1/2		1/2	3,464.19	1/2	3,224.28	1/2	2,982.43	1/2	2,740.57	1/2	2,498.71	1/2	2,256.85	1/2	2,015.00	1/2	1,773.14
3/4		3/4		3/4	3,459.99	3/4	3,219.25	3/4	2,977.39	3/4	2,735.53	3/4	2,493.67	3/4	2,251.82	3/4	2,009.96	3/4	1,768.10
9		9		9	3,455.80	9	3,214.21	9	2,972.35	9	2,730.49	9	2,488.63	9	2,246.78	9	2,004.92	9	1,763.06
1/4		1/4		1/4	3,450.80	1/4	3,209.17	1/4	2,967.31	1/4	2,725.45	1/4	2,483.60	1/4	2,241.74	1/4	1,999.88	1/4	1,758.02
1/2		1/2		1/2	3,445.81	1/2	3,204.13	1/2	2,962.27	1/2	2,720.41	1/2	2,478.56	1/2	2,236.70	1/2	1,994.84	1/2	1,752.98
3/4		3/4		3/4	3,440.81	3/4	3,199.09	3/4	2,957.23	3/4	2,715.38	3/4	2,473.52	3/4	2,231.66	3/4	1,989.80	3/4	1,747.95
10		10		10	3,435.82	10	3,194.05	10	2,952.20	10	2,710.34	10	2,468.48	10	2,226.62	10	1,984.76	10	1,742.91
1/4		1/4		1/4	3,430.79	1/4	3,189.01	1/4	2,947.16	1/4	2,705.30	1/4	2,463.44	1/4	2,221.58	1/4	1,979.73	1/4	1,737.87
1/2		1/2		1/2	3,425.77	1/2	3,183.98	1/2	2,942.12	1/2	2,700.26	1/2	2,458.40	1/2	2,216.54	1/2	1,974.69	1/2	1,732.83
3/4		3/4		3/4	3,420.74	3/4	3,178.94	3/4	2,937.08	3/4	2,695.22	3/4	2,453.36	3/4	2,211.51	3/4	1,969.65	3/4	1,727.79
11		11		11	3,415.71	11	3,173.90	11	2,932.04	11	2,690.18	11	2,448.33	11	2,206.47	11	1,964.61	11	1,722.75
1/4		1/4		1/4	3,410.69	1/4	3,168.86	1/4	2,927.00	1/4	2,685.14	1/4	2,443.29	1/4	2,201.43	1/4	1,959.57	1/4	1,717.71
1/2		1/2		1/2	3,405.66	1/2	3,163.82	1/2	2,921.96	1/2	2,680.11	1/2	2,438.25	1/2	2,196.39	1/2	1,954.53	1/2	1,712.67
3/4		3/4		3/4	3,400.63	3/4	3,158.78	3/4	2,916.92	3/4	2,675.07	3/4	2,433.21	3/4	2,191.35	3/4	1,949.49	3/4	1,707.64

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
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BARGE "WEB 143"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 17'-02"

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	1,702.60	0	1,460.74	0	1,218.88	0	977.02	0	735.17	0	493.99	0	252.72	0	14.48	0			
1/4	1,697.56	1/4	1,455.70	1/4	1,213.84	1/4	971.99	1/4	730.13	1/4	488.98	1/4	247.68	1/4	11.96	1/4			
1/2	1,692.52	1/2	1,450.66	1/2	1,208.80	1/2	966.95	1/2	725.09	1/2	483.98	1/2	242.64	1/2	9.44	1/2			
3/4	1,687.48	3/4	1,445.62	3/4	1,203.77	3/4	961.91	3/4	720.05	3/4	478.97	3/4	237.61	3/4	6.92	3/4			
1	1,682.44	1	1,440.59	1	1,198.73	1	956.87	1	715.01	1	473.96	1	232.57	1	4.40	1			
1/4	1,677.40	1/4	1,435.55	1/4	1,193.69	1/4	951.83	1/4	709.97	1/4	468.96	1/4	227.53	1/4	3.56	1/4			
1/2	1,672.37	1/2	1,430.51	1/2	1,188.65	1/2	946.79	1/2	704.93	1/2	463.95	1/2	222.49	1/2	2.72	1/2			
3/4	1,667.33	3/4	1,425.47	3/4	1,183.61	3/4	941.75	3/4	699.90	3/4	458.94	3/4	217.45	3/4	1.88	3/4			
2	1,662.29	2	1,420.43	2	1,178.57	2	936.72	2	694.86	2	453.94	2	212.41	2	1.04	2			
1/4	1,657.25	1/4	1,415.39	1/4	1,173.53	1/4	931.68	1/4	689.82	1/4	448.93	1/4	207.38	1/4		1/4			
1/2	1,652.21	1/2	1,410.35	1/2	1,168.50	1/2	926.64	1/2	684.78	1/2	443.93	1/2	202.34	1/2		1/2			
3/4	1,647.17	3/4	1,405.31	3/4	1,163.46	3/4	921.60	3/4	679.74	3/4	438.92	3/4	197.30	3/4		3/4			
3	1,642.13	3	1,400.28	3	1,158.42	3	916.56	3	674.70	3	433.91	3	192.26	3		3			
1/4	1,637.09	1/4	1,395.24	1/4	1,153.38	1/4	911.52	1/4	669.66	1/4	428.91	1/4	187.22	1/4		1/4			
1/2	1,632.06	1/2	1,390.20	1/2	1,148.34	1/2	906.48	1/2	664.63	1/2	423.90	1/2	182.18	1/2		1/2			
3/4	1,627.02	3/4	1,385.16	3/4	1,143.30	3/4	901.44	3/4	659.59	3/4	418.89	3/4	177.15	3/4		3/4			
4	1,621.98	4	1,380.12	4	1,138.26	4	896.41	4	654.55	4	413.89	4	172.11	4		4			
1/4	1,616.94	1/4	1,375.08	1/4	1,133.22	1/4	891.37	1/4	649.51	1/4	408.86	1/4	167.07	1/4		1/4			
1/2	1,611.90	1/2	1,370.04	1/2	1,128.19	1/2	886.33	1/2	644.47	1/2	403.84	1/2	162.03	1/2		1/2			
3/4	1,606.86	3/4	1,365.00	3/4	1,123.15	3/4	881.29	3/4	639.43	3/4	398.82	3/4	156.99	3/4		3/4			
5	1,601.82	5	1,359.97	5	1,118.11	5	876.25	5	634.39	5	393.80	5	151.95	5		5			
1/4	1,596.78	1/4	1,354.93	1/4	1,113.07	1/4	871.21	1/4	629.35	1/4	388.76	1/4	146.92	1/4		1/4			
1/2	1,591.75	1/2	1,349.89	1/2	1,108.03	1/2	866.17	1/2	624.32	1/2	383.72	1/2	141.88	1/2		1/2			
3/4	1,586.71	3/4	1,344.85	3/4	1,102.99	3/4	861.13	3/4	619.28	3/4	378.68	3/4	136.84	3/4		3/4			
6	1,581.67	6	1,339.81	6	1,097.95	6	856.10	6	614.24	6	373.64	6	131.80	6		6			
1/4	1,576.63	1/4	1,334.77	1/4	1,092.91	1/4	851.06	1/4	609.21	1/4	368.60	1/4	126.76	1/4		1/4			
1/2	1,571.59	1/2	1,329.73	1/2	1,087.88	1/2	846.02	1/2	604.19	1/2	363.57	1/2	121.72	1/2		1/2			
3/4	1,566.55	3/4	1,324.69	3/4	1,082.84	3/4	840.98	3/4	599.16	3/4	358.53	3/4	116.68	3/4		3/4			
7	1,561.51	7	1,319.66	7	1,077.80	7	835.94	7	594.14	7	353.49	7	111.65	7		7			
1/4	1,556.48	1/4	1,314.62	1/4	1,072.76	1/4	830.90	1/4	589.13	1/4	348.45	1/4	106.61	1/4		1/4			
1/2	1,551.44	1/2	1,309.58	1/2	1,067.72	1/2	825.86	1/2	584.12	1/2	343.41	1/2	101.57	1/2		1/2			
3/4	1,546.40	3/4	1,304.54	3/4	1,062.68	3/4	820.82	3/4	579.11	3/4	338.37	3/4	96.53	3/4		3/4			
8	1,541.36	8	1,299.50	8	1,057.64	8	815.79	8	574.10	8	333.34	8	91.49	8		8			
1/4	1,536.32	1/4	1,294.46	1/4	1,052.61	1/4	810.75	1/4	569.09	1/4	328.30	1/4	86.46	1/4		1/4			
1/2	1,531.28	1/2	1,289.42	1/2	1,047.57	1/2	805.71	1/2	564.08	1/2	323.26	1/2	81.42	1/2		1/2			
3/4	1,526.24	3/4	1,284.39	3/4	1,042.53	3/4	800.67	3/4	559.07	3/4	318.22	3/4	76.38	3/4		3/4			
9	1,521.20	9	1,279.35	9	1,037.49	9	795.63	9	554.06	9	313.18	9	71.35	9		9			
1/4	1,516.17	1/4	1,274.31	1/4	1,032.45	1/4	790.59	1/4	549.06	1/4	308.14	1/4	66.32	1/4		1/4			
1/2	1,511.13	1/2	1,269.27	1/2	1,027.41	1/2	785.55	1/2	544.05	1/2	303.11	1/2	61.29	1/2		1/2			
3/4	1,506.09	3/4	1,264.23	3/4	1,022.37	3/4	780.52	3/4	539.04	3/4	298.07	3/4	56.27	3/4		3/4			
10	1,501.05	10	1,259.19	10	1,017.33	10	775.48	10	534.04	10	293.03	10	51.24	10		10			
1/4	1,496.01	1/4	1,254.15	1/4	1,012.30	1/4	770.44	1/4	529.03	1/4	287.99	1/4	46.25	1/4		1/4			
1/2	1,490.97	1/2	1,249.11	1/2	1,007.26	1/2	765.40	1/2	524.03	1/2	282.95	1/2	41.25	1/2		1/2			
3/4	1,485.93	3/4	1,244.08	3/4	1,002.22	3/4	760.36	3/4	519.02	3/4	277.91	3/4	36.26	3/4		3/4			
11	1,480.89	11	1,239.04	11	997.18	11	755.32	11	514.01	11	272.88	11	31.26	11		11			
1/4	1,475.86	1/4	1,234.00	1/4	992.14	1/4	750.28	1/4	509.01	1/4	267.84	1/4	27.07	1/4		1/4			
1/2	1,470.82	1/2	1,228.96	1/2	987.10	1/2	745.24	1/2	504.00	1/2	262.80	1/2	22.87	1/2		1/2			
3/4	1,465.78	3/4	1,223.92	3/4	982.06	3/4	740.21	3/4	498.99	3/4	257.76	3/4	18.67	3/4		3/4			

STRAPPED: 02/22/2016 CL
CALCULATED: 02/24/2016 CL
PRINTED: 02/24/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2016

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 143"

2 CENTER 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	3,881.16	0	3,606.75	0	3,332.32	0	3,057.90	0	2,783.47	0	2,509.04	0	2,234.62
1/4		1/4		1/4		1/4	3,875.46	1/4	3,601.03	1/4	3,326.60	1/4	3,052.18	1/4	2,777.75	1/4	2,503.33	1/4	2,228.90
1/2		1/2		1/2		1/2	3,869.75	1/2	3,595.31	1/2	3,320.89	1/2	3,046.46	1/2	2,772.04	1/2	2,497.61	1/2	2,223.18
3/4		3/4		3/4		3/4	3,864.03	3/4	3,589.60	3/4	3,315.17	3/4	3,040.74	3/4	2,766.32	3/4	2,491.89	3/4	2,217.47
1		1		1		1	3,858.31	1	3,583.88	1	3,309.46	1	3,035.03	1	2,760.60	1	2,486.18	1	2,211.75
1/4		1/4		1/4		1/4	3,852.59	1/4	3,578.16	1/4	3,303.74	1/4	3,029.31	1/4	2,754.88	1/4	2,480.46	1/4	2,206.03
1/2		1/2		1/2		1/2	3,846.87	1/2	3,572.44	1/2	3,298.02	1/2	3,023.59	1/2	2,749.17	1/2	2,474.74	1/2	2,200.32
3/4		3/4		3/4		3/4	3,841.15	3/4	3,566.73	3/4	3,292.30	3/4	3,017.88	3/4	2,743.45	3/4	2,469.02	3/4	2,194.60
2		2		2		2	3,835.44	2	3,561.01	2	3,286.58	2	3,012.16	2	2,737.73	2	2,463.31	2	2,188.88
1/4		1/4		1/4		1/4	3,829.72	1/4	3,555.29	1/4	3,280.87	1/4	3,006.44	1/4	2,732.02	1/4	2,457.59	1/4	2,183.16
1/2		1/2		1/2		1/2	3,824.00	1/2	3,549.58	1/2	3,275.15	1/2	3,000.72	1/2	2,726.30	1/2	2,451.87	1/2	2,177.45
3/4		3/4		3/4		3/4	3,818.28	3/4	3,543.86	3/4	3,269.43	3/4	2,995.01	3/4	2,720.58	3/4	2,446.16	3/4	2,171.73
3		3		3		3	3,812.57	3	3,538.14	3	3,263.72	3	2,989.29	3	2,714.86	3	2,440.44	3	2,166.01
1/4		1/4		1/4		1/4	3,806.85	1/4	3,532.42	1/4	3,258.00	1/4	2,983.57	1/4	2,709.15	1/4	2,434.72	1/4	2,160.30
1/2		1/2		1/2		1/2	3,801.13	1/2	3,526.71	1/2	3,252.28	1/2	2,977.86	1/2	2,703.43	1/2	2,429.00	1/2	2,154.58
3/4		3/4		3/4		3/4	3,795.41	3/4	3,520.99	3/4	3,246.56	3/4	2,972.14	3/4	2,697.71	3/4	2,423.29	3/4	2,148.86
4		4		4		4	3,789.70	4	3,515.27	4	3,240.85	4	2,966.42	4	2,692.00	4	2,417.57	4	2,143.14
1/4		1/4		1/4		1/4	3,783.98	1/4	3,509.55	1/4	3,235.13	1/4	2,960.70	1/4	2,686.28	1/4	2,411.85	1/4	2,137.43
1/2		1/2		1/2		1/2	3,778.26	1/2	3,503.84	1/2	3,229.41	1/2	2,954.99	1/2	2,680.56	1/2	2,406.14	1/2	2,131.71
3/4		3/4		3/4		3/4	3,772.55	3/4	3,498.12	3/4	3,223.69	3/4	2,949.27	3/4	2,674.84	3/4	2,400.42	3/4	2,125.99
5		5		5		5	3,766.83	5	3,492.40	5	3,217.98	5	2,943.55	5	2,669.13	5	2,394.70	5	2,120.28
1/4		1/4		1/4		1/4	3,761.11	1/4	3,486.69	1/4	3,212.26	1/4	2,937.83	1/4	2,663.41	1/4	2,388.98	1/4	2,114.56
1/2		1/2		1/2		1/2	3,755.39	1/2	3,480.97	1/2	3,206.54	1/2	2,932.12	1/2	2,657.69	1/2	2,383.27	1/2	2,108.84
3/4		3/4		3/4		3/4	3,749.68	3/4	3,475.25	3/4	3,200.83	3/4	2,926.40	3/4	2,651.97	3/4	2,377.55	3/4	2,103.12
6		6		6		6	3,743.96	6	3,469.53	6	3,195.11	6	2,920.68	6	2,646.26	6	2,371.83	6	2,097.41
1/4		1/4		1/4		1/4	3,738.24	1/4	3,463.82	1/4	3,189.39	1/4	2,914.97	1/4	2,640.54	1/4	2,366.11	1/4	2,091.69
1/2		1/2		1/2		1/2	3,732.53	1/2	3,458.10	1/2	3,183.67	1/2	2,909.25	1/2	2,634.82	1/2	2,360.40	1/2	2,085.97
3/4		3/4		3/4		3/4	3,726.81	3/4	3,452.38	3/4	3,177.96	3/4	2,903.53	3/4	2,629.11	3/4	2,354.68	3/4	2,080.25
7		7		7		7	3,721.09	7	3,446.67	7	3,172.24	7	2,897.81	7	2,623.39	7	2,348.96	7	2,074.54
1/4		1/4		1/4		1/4	3,715.37	1/4	3,440.95	1/4	3,166.52	1/4	2,892.10	1/4	2,617.67	1/4	2,343.25	1/4	2,068.82
1/2		1/2		1/2		1/2	3,949.53	1/2	3,709.66	1/2	3,435.23	1/2	3,160.81	1/2	2,886.38	1/2	2,611.95	1/2	2,063.10
3/4		3/4		3/4		3/4	3,948.68	3/4	3,703.94	3/4	3,429.51	3/4	3,155.09	3/4	2,880.66	3/4	2,606.24	3/4	2,057.39
8		8		8		8	3,947.62	8	3,698.22	8	3,423.80	8	3,149.37	8	2,874.95	8	2,600.52	8	2,051.67
1/4		1/4		1/4		1/4	3,946.67	1/4	3,692.51	1/4	3,418.08	1/4	3,143.66	1/4	2,869.23	1/4	2,594.80	1/4	2,045.95
1/2		1/2		1/2		1/2	3,945.72	1/2	3,686.79	1/2	3,412.36	1/2	3,137.94	1/2	2,863.51	1/2	2,589.09	1/2	2,040.23
3/4		3/4		3/4		3/4	3,942.86	3/4	3,681.07	3/4	3,406.65	3/4	3,132.22	3/4	2,857.79	3/4	2,583.37	3/4	2,034.52
9		9		9		9	3,940.00	9	3,675.35	9	3,400.93	9	3,126.50	9	2,852.08	9	2,577.65	9	2,028.80
1/4		1/4		1/4		1/4	3,937.14	1/4	3,669.64	1/4	3,395.21	1/4	3,120.79	1/4	2,846.36	1/4	2,571.93	1/4	2,023.08
1/2		1/2		1/2		1/2	3,934.28	1/2	3,663.92	1/2	3,389.49	1/2	3,115.07	1/2	2,840.64	1/2	2,566.22	1/2	2,017.37
3/4		3/4		3/4		3/4	3,929.52	3/4	3,658.20	3/4	3,383.78	3/4	3,109.36	3/4	2,834.93	3/4	2,560.50	3/4	2,011.65
10		10		10		10	3,924.76	10	3,652.48	10	3,378.06	10	3,103.63	10	2,829.21	10	2,554.78	10	2,005.93
1/4		1/4		1/4		1/4	3,920.00	1/4	3,646.77	1/4	3,372.34	1/4	3,097.92	1/4	2,823.49	1/4	2,549.07	1/4	2,000.21
1/2		1/2		1/2		1/2	3,915.24	1/2	3,641.05	1/2	3,366.62	1/2	3,092.20	1/2	2,817.77	1/2	2,543.35	1/2	1,994.50
3/4		3/4		3/4		3/4	3,909.57	3/4	3,635.33	3/4	3,360.91	3/4	3,086.48	3/4	2,812.06	3/4	2,537.63	3/4	1,988.78
11		11		11		11	3,903.90	11	3,629.62	11	3,355.19	11	3,080.76	11	2,806.34	11	2,531.91	11	1,983.06
1/4		1/4		1/4		1/4	3,898.23	1/4	3,623.90	1/4	3,349.47	1/4	3,075.05	1/4	2,800.62	1/4	2,526.20	1/4	1,977.35
1/2		1/2		1/2		1/2	3,892.56	1/2	3,618.18	1/2	3,343.76	1/2	3,069.33	1/2	2,794.90	1/2	2,520.48	1/2	1,971.63
3/4		3/4		3/4		3/4	3,886.86	3/4	3,612.46	3/4	3,338.04	3/4	3,063.61	3/4	2,789.19	3/4	2,514.76	3/4	1,965.91

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 ON CENTERLINE AND 31'-03" 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 143"

2 CENTER 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	1,960.19	0	1,685.77	0	1,411.34	0	1,136.92	0	862.49	0	590.93	0	320.92	0	46.67	0			
1/4	1,954.48	1/4	1,680.05	1/4	1,405.63	1/4	1,131.20	1/4	856.77	1/4	585.39	1/4	315.20	1/4	41.00	1/4			
1/2	1,948.76	1/2	1,674.33	1/2	1,399.91	1/2	1,125.48	1/2	851.06	1/2	579.86	1/2	309.49	1/2	35.33	1/2			
3/4	1,943.04	3/4	1,668.62	3/4	1,394.19	3/4	1,119.77	3/4	845.34	3/4	574.33	3/4	303.77	3/4	30.57	3/4			
1	1,937.32	1	1,662.90	1	1,388.47	1	1,114.05	1	839.62	1	568.79	1	298.05	1	25.81	1			
1/4	1,931.61	1/4	1,657.18	1/4	1,382.76	1/4	1,108.33	1/4	833.91	1/4	563.26	1/4	292.34	1/4	21.05	1/4			
1/2	1,925.89	1/2	1,651.46	1/2	1,377.04	1/2	1,102.61	1/2	828.19	1/2	557.73	1/2	286.62	1/2	16.29	1/2			
3/4	1,920.17	3/4	1,645.75	3/4	1,371.32	3/4	1,096.90	3/4	822.47	3/4	552.19	3/4	280.90	3/4	13.43	3/4			
2	1,914.46	2	1,640.03	2	1,365.60	2	1,091.18	2	816.75	2	546.66	2	275.18	2	10.57	2			
1/4	1,908.74	1/4	1,634.31	1/4	1,359.89	1/4	1,085.46	1/4	811.04	1/4	541.13	1/4	269.47	1/4	7.71	1/4			
1/2	1,903.02	1/2	1,628.60	1/2	1,354.17	1/2	1,079.74	1/2	805.32	1/2	535.59	1/2	263.75	1/2	4.85	1/2			
3/4	1,897.30	3/4	1,622.88	3/4	1,348.45	3/4	1,074.03	3/4	799.60	3/4	530.06	3/4	258.03	3/4	3.90	3/4			
3	1,891.59	3	1,617.16	3	1,342.74	3	1,068.31	3	793.88	3	524.53	3	252.32	3	2.95	3			
1/4	1,885.87	1/4	1,611.44	1/4	1,337.02	1/4	1,062.59	1/4	788.17	1/4	518.99	1/4	246.60	1/4	1.99	1/4			
1/2	1,880.15	1/2	1,605.73	1/2	1,331.30	1/2	1,056.88	1/2	782.45	1/2	513.46	1/2	240.88	1/2	1.04	1/2			
3/4	1,874.44	3/4	1,600.01	3/4	1,325.58	3/4	1,051.16	3/4	776.73	3/4	507.93	3/4	235.17	3/4		3/4			
4	1,868.72	4	1,594.29	4	1,319.87	4	1,045.44	4	771.02	4	502.39	4	229.45	4		4			
1/4	1,863.00	1/4	1,588.58	1/4	1,314.15	1/4	1,039.72	1/4	765.30	1/4	496.86	1/4	223.73	1/4		1/4			
1/2	1,857.28	1/2	1,582.86	1/2	1,308.43	1/2	1,034.01	1/2	759.58	1/2	491.33	1/2	218.01	1/2		1/2			
3/4	1,851.57	3/4	1,577.14	3/4	1,302.72	3/4	1,028.29	3/4	753.86	3/4	485.79	3/4	212.30	3/4		3/4			
5	1,845.85	5	1,571.42	5	1,297.00	5	1,022.57	5	748.15	5	480.26	5	206.58	5		5			
1/4	1,840.13	1/4	1,565.71	1/4	1,291.28	1/4	1,016.86	1/4	742.43	1/4	474.73	1/4	200.86	1/4		1/4			
1/2	1,834.42	1/2	1,559.99	1/2	1,285.56	1/2	1,011.14	1/2	736.71	1/2	469.20	1/2	195.15	1/2		1/2			
3/4	1,828.70	3/4	1,554.27	3/4	1,279.85	3/4	1,005.42	3/4	731.00	3/4	463.57	3/4	189.43	3/4		3/4			
6	1,822.98	6	1,548.56	6	1,274.13	6	999.70	6	725.28	6	457.94	6	183.71	6		6			
1/4	1,817.26	1/4	1,542.84	1/4	1,268.41	1/4	993.99	1/4	719.56	1/4	452.32	1/4	178.00	1/4		1/4			
1/2	1,811.55	1/2	1,537.12	1/2	1,262.70	1/2	988.27	1/2	713.84	1/2	446.69	1/2	172.28	1/2		1/2			
3/4	1,805.83	3/4	1,531.40	3/4	1,256.98	3/4	982.55	3/4	708.13	3/4	440.98	3/4	166.56	3/4		3/4			
7	1,800.11	7	1,525.69	7	1,251.26	7	976.84	7	702.41	7	435.26	7	160.84	7		7			
1/4	1,794.39	1/4	1,519.97	1/4	1,245.54	1/4	971.12	1/4	696.69	1/4	429.54	1/4	155.13	1/4		1/4			
1/2	1,788.68	1/2	1,514.25	1/2	1,239.83	1/2	965.40	1/2	690.98	1/2	423.83	1/2	149.41	1/2		1/2			
3/4	1,782.96	3/4	1,508.53	3/4	1,234.11	3/4	959.68	3/4	685.34	3/4	418.11	3/4	143.69	3/4		3/4			
8	1,777.24	8	1,502.82	8	1,228.39	8	953.97	8	679.71	8	412.39	8	137.98	8		8			
1/4	1,771.53	1/4	1,497.10	1/4	1,222.67	1/4	948.25	1/4	674.08	1/4	406.68	1/4	132.26	1/4		1/4			
1/2	1,765.81	1/2	1,491.38	1/2	1,216.96	1/2	942.53	1/2	668.45	1/2	400.96	1/2	126.54	1/2		1/2			
3/4	1,760.09	3/4	1,485.67	3/4	1,211.24	3/4	936.81	3/4	662.91	3/4	395.24	3/4	120.83	3/4		3/4			
9	1,754.37	9	1,479.95	9	1,205.52	9	931.10	9	657.37	9	389.52	9	115.11	9		9			
1/4	1,748.66	1/4	1,474.23	1/4	1,199.81	1/4	925.38	1/4	651.82	1/4	383.81	1/4	109.39	1/4		1/4			
1/2	1,742.94	1/2	1,468.51	1/2	1,194.09	1/2	919.66	1/2	646.28	1/2	378.09	1/2	103.67	1/2		1/2			
3/4	1,737.22	3/4	1,462.80	3/4	1,188.37	3/4	913.95	3/4	640.74	3/4	372.37	3/4	97.96	3/4		3/4			
10	1,731.51	10	1,457.08	10	1,182.65	10	908.23	10	635.20	10	366.66	10	92.24	10		10			
1/4	1,725.79	1/4	1,451.36	1/4	1,176.94	1/4	902.51	1/4	629.67	1/4	360.94	1/4	86.53	1/4		1/4			
1/2	1,720.07	1/2	1,445.65	1/2	1,171.22	1/2	896.79	1/2	624.13	1/2	355.22	1/2	80.81	1/2		1/2			
3/4	1,714.35	3/4	1,439.93	3/4	1,165.50	3/4	891.08	3/4	618.59	3/4	349.51	3/4	75.11	3/4		3/4			
11	1,708.64	11	1,434.21	11	1,159.79	11	885.36	11	613.06	11	343.79	11	69.41	11		11			
1/4	1,702.92	1/4	1,428.49	1/4	1,154.07	1/4	879.64	1/4	607.53	1/4	338.07	1/4	63.71	1/4		1/4			
1/2	1,697.20	1/2	1,422.78	1/2	1,148.35	1/2	873.93	1/2	601.99	1/2	332.35	1/2	58.00	1/2		1/2			
3/4	1,691.49	3/4	1,417.06	3/4	1,142.63	3/4	868.21	3/4	596.46	3/4	326.64	3/4	52.34	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/22/2016 CL
CALCULATED: 02/24/2016 CL
PRINTED: 02/24/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2016

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



BARGE "WEB 143"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-02 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	0	0	0	3,422.33	0	3,206.48	0	2,990.62	0	2,774.77	0	2,534.63	0	2,283.79	0	2,032.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,417.83	1/4	3,201.98	1/4	2,986.13	1/4	2,770.27	1/4	2,529.40	1/4	2,278.57	1/4	2,027.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,413.34	1/2	3,197.48	1/2	2,981.63	1/2	2,765.77	1/2	2,524.18	1/2	2,273.35	1/2	2,022.41
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,408.84	3/4	3,192.99	3/4	2,977.13	3/4	2,761.28	3/4	2,518.95	3/4	2,268.12	3/4	2,017.18
1	1	1	1	1	1	1	3,404.35	1	3,188.49	1	2,972.63	1	2,756.78	1	2,513.72	1	2,262.90	1	2,011.95
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,399.85	1/4	3,183.99	1/4	2,968.14	1/4	2,752.28	1/4	2,508.49	1/4	2,257.68	1/4	2,006.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,395.35	1/2	3,179.50	1/2	2,963.64	1/2	2,747.78	1/2	2,503.26	1/2	2,252.46	1/2	2,001.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,390.86	3/4	3,175.00	3/4	2,959.14	3/4	2,743.29	3/4	2,498.04	3/4	2,247.23	3/4	1,996.26
2	2	2	2	2	2	2	3,386.36	2	3,170.50	2	2,954.65	2	2,738.79	2	2,492.81	2	2,242.01	2	1,991.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,381.86	1/4	3,166.01	1/4	2,950.15	1/4	2,734.29	1/4	2,487.58	1/4	2,236.79	1/4	1,985.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,377.36	1/2	3,161.51	1/2	2,945.65	1/2	2,729.80	1/2	2,482.35	1/2	2,231.57	1/2	1,980.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,372.87	3/4	3,157.01	3/4	2,941.16	3/4	2,725.30	3/4	2,477.12	3/4	2,226.34	3/4	1,975.34
3	3	3	3	3	3	3	3,368.37	3	3,152.51	3	2,936.66	3	2,720.80	3	2,471.90	3	2,221.12	3	1,970.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,363.87	1/4	3,148.02	1/4	2,932.16	1/4	2,716.31	1/4	2,466.67	1/4	2,215.89	1/4	1,964.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,359.38	1/2	3,143.52	1/2	2,927.66	1/2	2,711.81	1/2	2,461.44	1/2	2,210.67	1/2	1,959.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,354.88	3/4	3,139.02	3/4	2,923.17	3/4	2,707.31	3/4	2,456.21	3/4	2,205.44	3/4	1,954.43
4	4	4	4	4	4	4	3,350.38	4	3,134.53	4	2,918.67	4	2,702.07	4	2,450.98	4	2,200.21	4	1,949.20
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,345.89	1/4	3,130.03	1/4	2,914.17	1/4	2,696.83	1/4	2,445.76	1/4	2,194.98	1/4	1,943.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,341.39	1/2	3,125.53	1/2	2,909.68	1/2	2,691.59	1/2	2,440.53	1/2	2,189.75	1/2	1,938.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,336.89	3/4	3,121.04	3/4	2,905.18	3/4	2,686.35	3/4	2,435.30	3/4	2,184.52	3/4	1,933.51
5	5	5	5	5	5	5	3,332.39	5	3,116.54	5	2,900.68	5	2,681.11	5	2,430.07	5	2,179.29	5	1,928.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,327.90	1/4	3,112.04	1/4	2,896.19	1/4	2,675.86	1/4	2,424.85	1/4	2,174.06	1/4	1,923.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,323.40	1/2	3,107.54	1/2	2,891.69	1/2	2,670.62	1/2	2,419.62	1/2	2,168.83	1/2	1,917.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,318.90	3/4	3,103.05	3/4	2,887.19	3/4	2,665.38	3/4	2,414.39	3/4	2,163.61	3/4	1,912.59
6	6	6	6	6	6	6	3,314.41	6	3,098.55	6	2,882.69	6	2,660.14	6	2,409.16	6	2,158.38	6	1,907.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,309.91	1/4	3,094.05	1/4	2,878.20	1/4	2,654.90	1/4	2,403.93	1/4	2,153.15	1/4	1,902.14
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,305.41	1/2	3,089.56	1/2	2,873.70	1/2	2,649.66	1/2	2,398.71	1/2	2,147.92	1/2	1,896.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,485.07	3/4	3,300.92	3/4	3,085.06	3/4	2,869.20	3/4	2,644.42	3/4	2,393.48	3/4	2,142.69
7	7	7	7	7	7	7	3,484.94	7	3,296.42	7	3,080.56	7	2,864.71	7	2,639.19	7	2,388.25	7	2,137.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,484.81	1/4	3,291.92	1/4	3,076.07	1/4	2,860.21	1/4	2,633.96	1/4	2,383.03	1/4	2,132.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,484.68	1/2	3,287.42	1/2	3,071.57	1/2	2,855.71	1/2	2,628.73	1/2	2,377.80	1/2	2,127.00
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,484.55	3/4	3,282.93	3/4	3,067.07	3/4	2,851.22	3/4	2,623.51	3/4	2,372.58	3/4	2,121.77
8	8	8	8	8	8	8	3,482.68	8	3,278.43	8	3,062.57	8	2,846.72	8	2,618.28	8	2,367.35	8	2,116.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,480.80	1/4	3,273.93	1/4	3,058.08	1/4	2,842.22	1/4	2,613.05	1/4	2,362.13	1/4	2,111.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,478.93	1/2	3,269.44	1/2	3,053.58	1/2	2,837.72	1/2	2,607.82	1/2	2,356.91	1/2	2,106.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,477.05	3/4	3,264.94	3/4	3,049.08	3/4	2,833.23	3/4	2,602.59	3/4	2,351.69	3/4	2,100.85
9	9	9	9	9	9	9	3,473.43	9	3,260.44	9	3,044.59	9	2,828.73	9	2,597.37	9	2,346.46	9	2,095.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,469.81	1/4	3,255.95	1/4	3,040.09	1/4	2,824.23	1/4	2,592.14	1/4	2,341.24	1/4	2,090.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,466.19	1/2	3,251.45	1/2	3,035.59	1/2	2,819.74	1/2	2,586.91	1/2	2,336.02	1/2	2,085.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,462.57	3/4	3,246.95	3/4	3,031.10	3/4	2,815.24	3/4	2,581.68	3/4	2,330.79	3/4	2,079.93
10	10	10	10	10	10	10	3,458.12	10	3,242.45	10	3,026.60	10	2,810.74	10	2,576.45	10	2,325.57	10	2,074.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,453.66	1/4	3,237.96	1/4	3,022.10	1/4	2,806.25	1/4	2,571.23	1/4	2,320.35	1/4	2,069.47
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,449.21	1/2	3,233.46	1/2	3,017.60	1/2	2,801.75	1/2	2,566.00	1/2	2,315.13	1/2	2,064.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,444.76	3/4	3,228.96	3/4	3,013.11	3/4	2,797.25	3/4	2,560.77	3/4	2,309.90	3/4	2,059.02
11	11	11	11	11	11	11	3,440.28	11	3,224.47	11	3,008.61	11	2,792.75	11	2,555.54	11	2,304.68	11	2,053.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,435.79	1/4	3,219.97	1/4	3,004.11	1/4	2,788.26	1/4	2,550.31	1/4	2,299.46	1/4	2,048.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,431.31	1/2	3,215.47	1/2	2,999.62	1/2	2,783.76	1/2	2,545.09	1/2	2,294.24	1/2	2,043.33
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,426.83	3/4	3,210.98	3/4	2,995.12	3/4	2,779.26	3/4	2,539.86	3/4	2,289.01	3/4	2,038.10

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 24'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "WEB 143"

1 CENTER 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	1,781.97	0	1,531.19	0	1,280.40	0	1,029.42	0	778.07	0	529.52	0	281.14	0	30.63	0			
1/4	1,776.75	1/4	1,525.96	1/4	1,275.18	1/4	1,024.18	1/4	772.83	1/4	524.43	1/4	275.90	1/4	26.27	1/4			
1/2	1,771.52	1/2	1,520.74	1/2	1,269.95	1/2	1,018.94	1/2	767.60	1/2	519.34	1/2	270.66	1/2	21.90	1/2			
3/4	1,766.30	3/4	1,515.51	3/4	1,264.73	3/4	1,013.71	3/4	762.36	3/4	514.26	3/4	265.42	3/4	17.53	3/4			
1	1,761.07	1	1,510.29	1	1,259.50	1	1,008.47	1	757.12	1	509.17	1	260.17	1	14.91	1			
1/4	1,755.85	1/4	1,505.06	1/4	1,254.28	1/4	1,003.23	1/4	751.89	1/4	504.08	1/4	254.93	1/4	12.29	1/4			
1/2	1,750.62	1/2	1,499.84	1/2	1,249.05	1/2	998.00	1/2	746.65	1/2	498.99	1/2	249.69	1/2	9.67	1/2			
3/4	1,745.40	3/4	1,494.61	3/4	1,243.83	3/4	992.76	3/4	741.41	3/4	493.91	3/4	244.45	3/4	7.05	3/4			
2	1,740.17	2	1,489.39	2	1,238.60	2	987.52	2	736.18	2	488.82	2	239.20	2	6.18	2			
1/4	1,734.95	1/4	1,484.16	1/4	1,233.38	1/4	982.29	1/4	730.94	1/4	483.73	1/4	233.96	1/4	5.30	1/4			
1/2	1,729.72	1/2	1,478.94	1/2	1,228.15	1/2	977.05	1/2	725.70	1/2	478.65	1/2	228.72	1/2	4.43	1/2			
3/4	1,724.50	3/4	1,473.71	3/4	1,222.93	3/4	971.82	3/4	720.47	3/4	473.56	3/4	223.48	3/4	3.56	3/4			
3	1,719.28	3	1,468.49	3	1,217.70	3	966.58	3	715.23	3	468.47	3	218.23	3		3			
1/4	1,714.05	1/4	1,463.26	1/4	1,212.48	1/4	961.34	1/4	710.00	1/4	463.38	1/4	212.99	1/4		1/4			
1/2	1,708.83	1/2	1,458.04	1/2	1,207.25	1/2	956.11	1/2	704.76	1/2	458.30	1/2	207.75	1/2		1/2			
3/4	1,703.60	3/4	1,452.82	3/4	1,202.03	3/4	950.87	3/4	699.52	3/4	453.21	3/4	202.51	3/4		3/4			
4	1,698.38	4	1,447.59	4	1,196.81	4	945.63	4	694.29	4	448.12	4	197.26	4		4			
1/4	1,693.15	1/4	1,442.37	1/4	1,191.58	1/4	940.40	1/4	689.05	1/4	443.03	1/4	192.02	1/4		1/4			
1/2	1,687.93	1/2	1,437.14	1/2	1,186.36	1/2	935.16	1/2	683.81	1/2	437.95	1/2	186.78	1/2		1/2			
3/4	1,682.70	3/4	1,431.92	3/4	1,181.13	3/4	929.92	3/4	678.58	3/4	432.86	3/4	181.54	3/4		3/4			
5	1,677.48	5	1,426.69	5	1,175.91	5	924.69	5	673.34	5	427.70	5	176.30	5		5			
1/4	1,672.25	1/4	1,421.47	1/4	1,170.68	1/4	919.45	1/4	668.10	1/4	422.53	1/4	171.05	1/4		1/4			
1/2	1,667.03	1/2	1,416.24	1/2	1,165.46	1/2	914.22	1/2	662.87	1/2	417.37	1/2	165.81	1/2		1/2			
3/4	1,661.80	3/4	1,411.02	3/4	1,160.23	3/4	908.98	3/4	657.63	3/4	412.20	3/4	160.57	3/4		3/4			
6	1,656.58	6	1,405.79	6	1,155.01	6	903.74	6	652.40	6	406.96	6	155.33	6		6			
1/4	1,651.35	1/4	1,400.57	1/4	1,149.78	1/4	898.51	1/4	647.16	1/4	401.72	1/4	150.08	1/4		1/4			
1/2	1,646.13	1/2	1,395.34	1/2	1,144.56	1/2	893.27	1/2	641.92	1/2	396.48	1/2	144.84	1/2		1/2			
3/4	1,640.90	3/4	1,390.12	3/4	1,139.33	3/4	888.03	3/4	636.69	3/4	391.23	3/4	139.60	3/4		3/4			
7	1,635.68	7	1,384.89	7	1,134.11	7	882.80	7	631.52	7	385.99	7	134.36	7		7			
1/4	1,630.46	1/4	1,379.67	1/4	1,128.88	1/4	877.56	1/4	626.36	1/4	380.75	1/4	129.11	1/4		1/4			
1/2	1,625.23	1/2	1,374.44	1/2	1,123.66	1/2	872.32	1/2	621.19	1/2	375.51	1/2	123.87	1/2		1/2			
3/4	1,620.01	3/4	1,369.22	3/4	1,118.43	3/4	867.09	3/4	616.03	3/4	370.26	3/4	118.63	3/4		3/4			
8	1,614.78	8	1,364.00	8	1,113.20	8	861.85	8	610.94	8	365.02	8	113.39	8		8			
1/4	1,609.56	1/4	1,358.77	1/4	1,107.96	1/4	856.61	1/4	605.85	1/4	359.78	1/4	108.14	1/4		1/4			
1/2	1,604.33	1/2	1,353.55	1/2	1,102.73	1/2	851.38	1/2	600.75	1/2	354.54	1/2	102.90	1/2		1/2			
3/4	1,599.11	3/4	1,348.32	3/4	1,097.49	3/4	846.14	3/4	595.66	3/4	349.29	3/4	97.66	3/4		3/4			
9	1,593.88	9	1,343.10	9	1,092.25	9	840.91	9	590.57	9	344.05	9	92.42	9		9			
1/4	1,588.66	1/4	1,337.87	1/4	1,087.02	1/4	835.67	1/4	585.48	1/4	338.81	1/4	87.18	1/4		1/4			
1/2	1,583.43	1/2	1,332.65	1/2	1,081.78	1/2	830.43	1/2	580.39	1/2	333.57	1/2	81.94	1/2		1/2			
3/4	1,578.21	3/4	1,327.42	3/4	1,076.54	3/4	825.20	3/4	575.30	3/4	328.32	3/4	76.70	3/4		3/4			
10	1,572.98	10	1,322.20	10	1,071.31	10	819.96	10	570.22	10	323.08	10	71.47	10		10			
1/4	1,567.76	1/4	1,316.97	1/4	1,066.07	1/4	814.72	1/4	565.13	1/4	317.84	1/4	66.24	1/4		1/4			
1/2	1,562.53	1/2	1,311.75	1/2	1,060.83	1/2	809.49	1/2	560.04	1/2	312.60	1/2	61.01	1/2		1/2			
3/4	1,557.31	3/4	1,306.52	3/4	1,055.60	3/4	804.25	3/4	554.95	3/4	307.36	3/4	55.78	3/4		3/4			
11	1,552.08	11	1,301.30	11	1,050.36	11	799.01	11	549.87	11	302.11	11	50.59	11		11			
1/4	1,546.86	1/4	1,296.07	1/4	1,045.13	1/4	793.78	1/4	544.78	1/4	296.87	1/4	45.39	1/4		1/4			
1/2	1,541.64	1/2	1,290.85	1/2	1,039.89	1/2	788.54	1/2	539.69	1/2	291.63	1/2	40.20	1/2		1/2			
3/4	1,536.41	3/4	1,285.63	3/4	1,034.65	3/4	783.31	3/4	534.61	3/4	286.39	3/4	35.00	3/4		3/4			

STRAPPED: 02/22/2016 CL
CALCULATED: 02/24/2016 CL
PRINTED: 02/24/2016 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2016

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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