



BARGE "WEB 278"

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 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 PORT	00-3/4	- 00-3/4	01-1/2	- 01-1/2	02-3/8	- 02-3/8	03-1/8	- 03-1/8	03-7/8	- 03-7/8	04-5/8	- 04-5/8
3 STBD	00-3/4	- 00-3/4	01-1/2	- 01-1/2	02-3/8	- 02-3/8	03-1/8	- 03-1/8	03-7/8	- 03-7/8	04-5/8	- 04-5/8

(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 PORT IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 241'-09"

October 9, 2014

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
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<http://www.pmacorp.net>



BARGE "WEB 278"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 5'-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	3,063	0	6,127	0	9,190	0	12,254	0		0		0		0		0	
1/4	64	1/4	3,127	1/4	6,191	1/4	9,254	1/4	12,318	1/4		1/4		1/4		1/4		1/4	
1/2	128	1/2	3,191	1/2	6,255	1/2	9,318	1/2	12,381	1/2		1/2		1/2		1/2		1/2	
3/4	191	3/4	3,255	3/4	6,318	3/4	9,382	3/4	12,445	3/4		3/4		3/4		3/4		3/4	
1	255	1	3,319	1	6,382	1	9,446	1	12,509	1		1		1		1		1	
1/4	319	1/4	3,383	1/4	6,446	1/4	9,509	1/4	12,573	1/4		1/4		1/4		1/4		1/4	
1/2	383	1/2	3,446	1/2	6,510	1/2	9,573	1/2	12,637	1/2		1/2		1/2		1/2		1/2	
3/4	447	3/4	3,510	3/4	6,574	3/4	9,637	3/4	12,701	3/4		3/4		3/4		3/4		3/4	
2	511	2	3,574	2	6,637	2	9,701	2	12,764	2		2		2		2		2	
1/4	574	1/4	3,638	1/4	6,701	1/4	9,765	1/4	12,828	1/4		1/4		1/4		1/4		1/4	
1/2	638	1/2	3,702	1/2	6,765	1/2	9,829	1/2	12,892	1/2		1/2		1/2		1/2		1/2	
3/4	702	3/4	3,765	3/4	6,829	3/4	9,892	3/4	12,956	3/4		3/4		3/4		3/4		3/4	
3	766	3	3,829	3	6,893	3	9,956	3	13,020	3		3		3		3		3	
1/4	830	1/4	3,893	1/4	6,957	1/4	10,020	1/4	13,083	1/4		1/4		1/4		1/4		1/4	
1/2	894	1/2	3,957	1/2	7,020	1/2	10,084	1/2	13,147	1/2		1/2		1/2		1/2		1/2	
3/4	957	3/4	4,021	3/4	7,084	3/4	10,148	3/4	13,211	3/4		3/4		3/4		3/4		3/4	
4	1,021	4	4,085	4	7,148	4	10,211	4	13,275	4		4		4		4		4	
1/4	1,085	1/4	4,148	1/4	7,212	1/4	10,275	1/4	13,339	1/4		1/4		1/4		1/4		1/4	
1/2	1,149	1/2	4,212	1/2	7,276	1/2	10,339	1/2	13,403	1/2		1/2		1/2		1/2		1/2	
3/4	1,213	3/4	4,276	3/4	7,339	3/4	10,403	3/4	13,466	3/4		3/4		3/4		3/4		3/4	
5	1,276	5	4,340	5	7,403	5	10,467	5	13,530	5		5		5		5		5	
1/4	1,340	1/4	4,404	1/4	7,467	1/4	10,531	1/4	13,594	1/4		1/4		1/4		1/4		1/4	
1/2	1,404	1/2	4,468	1/2	7,531	1/2	10,594	1/2	13,658	1/2		1/2		1/2		1/2		1/2	
3/4	1,468	3/4	4,531	3/4	7,595	3/4	10,658	3/4	13,722	3/4		3/4		3/4		3/4		3/4	
6	1,532	6	4,595	6	7,659	6	10,722	6	13,785	6		6		6		6		6	
1/4	1,596	1/4	4,659	1/4	7,722	1/4	10,786	1/4	13,849	1/4		1/4		1/4		1/4		1/4	
1/2	1,659	1/2	4,723	1/2	7,786	1/2	10,850	1/2	13,913	1/2		1/2		1/2		1/2		1/2	
3/4	1,723	3/4	4,787	3/4	7,850	3/4	10,914	3/4	13,977	3/4		3/4		3/4		3/4		3/4	
7	1,787	7	4,850	7	7,914	7	10,977	7	14,041	7		7		7		7		7	
1/4	1,851	1/4	4,914	1/4	7,978	1/4	11,041	1/4	14,105	1/4		1/4		1/4		1/4		1/4	
1/2	1,915	1/2	4,978	1/2	8,042	1/2	11,105	1/2	14,168	1/2		1/2		1/2		1/2		1/2	
3/4	1,978	3/4	5,042	3/4	8,105	3/4	11,169	3/4	14,232	3/4		3/4		3/4		3/4		3/4	
8	2,042	8	5,106	8	8,169	8	11,233	8	14,296	8		8		8		8		8	
1/4	2,106	1/4	5,170	1/4	8,233	1/4	11,296	1/4	14,360	1/4		1/4		1/4		1/4		1/4	
1/2	2,170	1/2	5,233	1/2	8,297	1/2	11,360	1/2	14,424	1/2		1/2		1/2		1/2		1/2	
3/4	2,234	3/4	5,297	3/4	8,361	3/4	11,424	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,298	9	5,361	9	8,424	9	11,488	9		9		9		9		9		9	
1/4	2,361	1/4	5,425	1/4	8,488	1/4	11,552	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,425	1/2	5,489	1/2	8,552	1/2	11,616	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,489	3/4	5,552	3/4	8,616	3/4	11,679	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,553	10	5,616	10	8,680	10	11,743	10		10		10		10		10		10	
1/4	2,617	1/4	5,680	1/4	8,744	1/4	11,807	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,681	1/2	5,744	1/2	8,807	1/2	11,871	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,744	3/4	5,808	3/4	8,871	3/4	11,935	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,808	11	5,872	11	8,935	11	11,998	11		11		11		11		11		11	
1/4	2,872	1/4	5,935	1/4	8,999	1/4	12,062	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,936	1/2	5,999	1/2	9,063	1/2	12,126	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,000	3/4	6,063	3/4	9,127	3/4	12,190	3/4		3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT MANWAY

STRAPPED: 10/09/2014 CL
CALCULATED: 10/09/2014 CL
PRINTED: 10/09/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2014

PRECISION MEASUREMENT
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BARGE "WEB 278"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	4,295.07	0	4,158.83	0	4,022.55	0	3,886.27	0	3,663.02	0	3,306.95	0	2,950.67	0	2,594.51	0	2,238.61		
1/4	1/4	4,292.24	1/4	4,155.99	1/4	4,019.71	1/4	3,883.43	1/4	3,653.63	1/4	3,299.53	1/4	2,943.24	1/4	2,587.08	1/4	2,231.20		
1/2	1/2	4,289.41	1/2	4,153.15	1/2	4,016.87	1/2	3,880.59	1/2	3,648.25	1/2	3,292.11	1/2	2,935.82	1/2	2,579.66	1/2	2,223.78		
3/4	3/4	4,286.58	3/4	4,150.31	3/4	4,014.03	3/4	3,877.75	3/4	3,640.85	3/4	3,284.68	3/4	2,928.40	3/4	2,572.24	3/4	2,216.37		
1	1	4,283.74	1	4,147.47	1	4,011.19	1	3,874.91	1	3,633.44	1	3,277.26	1	2,920.98	1	2,564.82	1	2,208.95		
1/4	1/4	4,280.91	1/4	4,144.63	1/4	4,008.35	1/4	3,872.07	1/4	3,626.04	1/4	3,269.84	1/4	2,913.56	1/4	2,557.40	1/4	2,201.53		
1/2	1/2	4,278.07	1/2	4,141.79	1/2	4,005.51	1/2	3,869.23	1/2	3,618.64	1/2	3,262.42	1/2	2,906.14	1/2	2,549.98	1/2	2,194.12		
3/4	3/4	4,275.23	3/4	4,138.95	3/4	4,002.67	3/4	3,866.39	3/4	3,611.23	3/4	3,254.99	3/4	2,898.73	3/4	2,542.57	3/4	2,186.70		
2	2	4,272.40	2	4,136.11	2	3,999.83	2	3,863.55	2	3,603.81	2	3,247.57	2	2,891.31	2	2,535.15	2	2,179.28		
1/4	1/4	4,269.56	1/4	4,133.28	1/4	3,996.99	1/4	3,860.71	1/4	3,596.40	1/4	3,240.15	1/4	2,883.89	1/4	2,527.73	1/4	2,171.86		
1/2	1/2	4,266.72	1/2	4,130.44	1/2	3,994.15	1/2	3,857.87	1/2	3,588.99	1/2	3,232.72	1/2	2,876.47	1/2	2,520.31	1/2	2,164.44		
3/4	3/4	4,263.88	3/4	4,127.60	3/4	3,991.32	3/4	3,855.03	3/4	3,581.57	3/4	3,225.30	3/4	2,869.05	3/4	2,512.89	3/4	2,157.06		
3	3	4,261.04	3	4,124.76	3	3,988.48	3	3,852.19	3	3,574.15	3	3,217.88	3	2,861.64	3	2,505.48	3	2,149.67		
1/4	1/4	4,258.20	1/4	4,121.92	1/4	3,985.64	1/4	3,849.36	1/4	3,566.73	1/4	3,210.46	1/4	2,854.22	1/4	2,498.06	1/4	2,142.28		
1/2	1/2	4,255.36	1/2	4,119.08	1/2	3,982.80	1/2	3,846.52	1/2	3,559.31	1/2	3,203.03	1/2	2,846.80	1/2	2,490.64	1/2	2,134.90		
3/4	3/4	4,252.52	3/4	4,116.24	3/4	3,979.96	3/4	3,843.43	3/4	3,551.89	3/4	3,195.61	3/4	2,839.38	3/4	2,483.22	3/4	2,127.53		
4	4	4,249.68	4	4,113.40	4	3,977.12	4	3,840.35	4	3,544.47	4	3,188.19	4	2,831.96	4	2,475.80	4	2,120.15		
1/4	1/4	4,246.84	1/4	4,110.56	1/4	3,974.28	1/4	3,837.26	1/4	3,537.05	1/4	3,180.77	1/4	2,824.55	1/4	2,468.39	1/4	2,112.78		
1/2	1/2	4,244.00	1/2	4,107.72	1/2	3,971.44	1/2	3,834.17	1/2	3,529.63	1/2	3,173.34	1/2	2,817.13	1/2	2,460.97	1/2	2,105.41		
3/4	3/4	4,241.17	3/4	4,104.88	3/4	3,968.60	3/4	3,830.51	3/4	3,522.20	3/4	3,165.92	3/4	2,809.71	3/4	2,453.55	3/4	2,098.04		
5	5	4,238.33	5	4,102.04	5	3,965.76	5	3,826.85	5	3,514.78	5	3,158.50	5	2,802.29	5	2,446.14	5	2,090.67		
1/4	1/4	4,235.49	1/4	4,099.21	1/4	3,962.92	1/4	3,823.19	1/4	3,507.36	1/4	3,151.08	1/4	2,794.87	1/4	2,438.72	1/4	2,083.29		
1/2	1/2	4,357.07	1/2	4,232.65	1/2	4,096.37	1/2	3,960.08	1/2	3,819.53	1/2	3,499.94	1/2	3,143.65	1/2	2,787.46	1/2	2,431.30	1/2	2,075.92
3/4	3/4	4,355.55	3/4	4,229.81	3/4	4,093.53	3/4	3,957.25	3/4	3,815.22	3/4	3,492.52	3/4	3,136.23	3/4	2,780.04	3/4	2,423.89	3/4	2,068.55
6	6	4,354.03	6	4,226.97	6	4,090.69	6	3,954.41	6	3,810.90	6	3,485.09	6	3,128.81	6	2,772.62	6	2,416.48	6	2,061.18
1/4	1/4	4,352.51	1/4	4,224.13	1/4	4,087.85	1/4	3,951.57	1/4	3,806.58	1/4	3,477.67	1/4	3,121.39	1/4	2,765.20	1/4	2,409.06	1/4	2,053.81
1/2	1/2	4,350.99	1/2	4,221.29	1/2	4,085.01	1/2	3,948.73	1/2	3,802.26	1/2	3,470.25	1/2	3,113.96	1/2	2,757.78	1/2	2,401.65	1/2	2,046.44
3/4	3/4	4,349.07	3/4	4,218.45	3/4	4,082.17	3/4	3,945.89	3/4	3,797.29	3/4	3,462.83	3/4	3,106.54	3/4	2,750.37	3/4	2,394.24	3/4	2,039.06
7	7	4,347.14	7	4,215.61	7	4,079.33	7	3,943.05	7	3,792.32	7	3,455.40	7	3,099.12	7	2,742.95	7	2,386.82	7	2,031.69
1/4	1/4	4,345.21	1/4	4,212.77	1/4	4,076.49	1/4	3,940.21	1/4	3,787.34	1/4	3,447.98	1/4	3,091.70	1/4	2,735.53	1/4	2,379.41	1/4	2,024.31
1/2	1/2	4,343.29	1/2	4,209.93	1/2	4,073.65	1/2	3,937.37	1/2	3,782.37	1/2	3,440.56	1/2	3,084.27	1/2	2,728.11	1/2	2,371.99	1/2	2,016.94
3/4	3/4	4,340.96	3/4	4,207.09	3/4	4,070.81	3/4	3,934.53	3/4	3,776.74	3/4	3,433.14	3/4	3,076.85	3/4	2,720.69	3/4	2,364.57	3/4	2,009.56
8	8	4,338.62	8	4,204.26	8	4,067.97	8	3,931.69	8	3,771.11	8	3,425.71	8	3,069.43	8	2,713.28	8	2,357.16	8	2,002.19
1/4	1/4	4,336.29	1/4	4,201.42	1/4	4,065.13	1/4	3,928.85	1/4	3,765.48	1/4	3,418.29	1/4	3,062.01	1/4	2,705.86	1/4	2,349.74	1/4	1,994.81
1/2	1/2	4,333.96	1/2	4,198.58	1/2	4,062.30	1/2	3,926.01	1/2	3,759.85	1/2	3,410.87	1/2	3,054.58	1/2	2,698.44	1/2	2,342.32	1/2	1,987.44
3/4	3/4	4,331.28	3/4	4,195.74	3/4	4,059.46	3/4	3,923.17	3/4	3,753.56	3/4	3,403.44	3/4	3,047.16	3/4	2,691.02	3/4	2,334.91	3/4	1,980.06
9	9	4,328.60	9	4,192.90	9	4,056.62	9	3,920.34	9	3,747.27	9	3,396.02	9	3,039.74	9	2,683.59	9	2,327.51	9	1,972.69
1/4	1/4	4,325.91	1/4	4,190.06	1/4	4,053.78	1/4	3,917.50	1/4	3,740.99	1/4	3,388.60	1/4	3,032.31	1/4	2,676.17	1/4	2,320.10	1/4	1,965.31
1/2	1/2	4,323.23	1/2	4,187.22	1/2	4,050.94	1/2	3,914.66	1/2	3,734.70	1/2	3,381.18	1/2	3,024.89	1/2	2,668.75	1/2	2,312.69	1/2	1,957.94
3/4	3/4	4,320.43	3/4	4,184.38	3/4	4,048.10	3/4	3,911.82	3/4	3,727.77	3/4	3,373.75	3/4	3,017.47	3/4	2,661.33	3/4	2,305.28	3/4	1,950.56
10	10	4,317.63	10	4,181.54	10	4,045.26	10	3,908.98	10	3,720.84	10	3,366.33	10	3,010.05	10	2,653.90	10	2,297.88	10	1,943.19
1/4	1/4	4,314.82	1/4	4,178.70	1/4	4,042.42	1/4	3,906.14	1/4	3,713.91	1/4	3,358.91	1/4	3,002.62	1/4	2,646.48	1/4	2,290.48	1/4	1,935.81
1/2	1/2	4,312.02	1/2	4,175.86	1/2	4,039.58	1/2	3,903.30	1/2	3,706.98	1/2	3,351.49	1/2	2,995.20	1/2	2,639.05	1/2	2,283.08	1/2	1,928.44
3/4	3/4	4,309.20	3/4	4,173.02	3/4	4,036.74	3/4	3,900.46	3/4	3,699.68	3/4	3,344.06	3/4	2,987.78	3/4	2,631.63	3/4	2,275.67	3/4	1,921.06
11	11	4,306.38	11	4,170.19	11	4,033.90	11	3,897.62	11	3,692.39	11	3,336.64	11	2,980.36	11	2,624.21	11	2,268.26	11	1,913.68
1/4	1/4	4,303.56	1/4	4,167.35	1/4	4,031.06	1/4	3,894.78	1/4	3,685.09	1/4	3,329.22	1/4	2,972.93	1/4	2,616.78	1/4	2,260.85	1/4	1,906.31
1/2	1/2	4,300.73	1/2	4,164.51	1/2	4,028.23	1/2	3,891.94	1/2	3,677.79	1/2	3,321.80	1/2	2,965.51	1/2	2,609.36	1/2	2,253.44	1/2	1,898.93
3/4	3/4	4,297.90	3/4	4,161.67	3/4	4,025.39	3/4	3,889.10	3/4	3,670.40	3/4	3,314.37	3/4	2,958.09	3/4	2,601.93	3/4	2,246.03	3/4	1,891.56

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 AT 10" DIAMETER HATCH
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 58'-06" FORWARD OF AFT BULKHEAD

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



BARGE "WEB 278"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	1,884.18	0	1,532.67	0	1,176.69	0	821.18	0	471.99	0	124.92	0		0		0		0	
1/4	1,876.81	1/4	1,525.24	1/4	1,169.27	1/4	813.79	1/4	464.83	1/4	117.75	1/4		1/4		1/4		1/4	
1/2	1,869.43	1/2	1,517.82	1/2	1,161.84	1/2	806.39	1/2	457.66	1/2	110.58	1/2		1/2		1/2		1/2	
3/4	1,862.06	3/4	1,510.39	3/4	1,154.41	3/4	799.00	3/4	450.44	3/4	103.44	3/4		3/4		3/4		3/4	
1	1,854.68	1	1,502.97	1	1,146.99	1	791.60	1	443.23	1	96.30	1		1		1		1	
1/4	1,847.31	1/4	1,495.54	1/4	1,139.56	1/4	784.21	1/4	436.01	1/4	89.15	1/4		1/4		1/4		1/4	
1/2	1,839.93	1/2	1,488.11	1/2	1,132.13	1/2	776.81	1/2	428.79	1/2	82.01	1/2		1/2		1/2		1/2	
3/4	1,832.56	3/4	1,480.69	3/4	1,124.71	3/4	769.41	3/4	421.58	3/4	75.29	3/4		3/4		3/4		3/4	
2	1,825.18	2	1,473.26	2	1,117.28	2	762.02	2	414.37	2	68.56	2		2		2		2	
1/4	1,817.81	1/4	1,465.84	1/4	1,109.85	1/4	754.62	1/4	407.15	1/4	61.84	1/4		1/4		1/4		1/4	
1/2	1,810.43	1/2	1,458.41	1/2	1,102.43	1/2	747.23	1/2	399.94	1/2	55.11	1/2		1/2		1/2		1/2	
3/4	1,803.06	3/4	1,450.99	3/4	1,095.01	3/4	739.83	3/4	392.73	3/4	49.56	3/4		3/4		3/4		3/4	
3	1,795.68	3	1,443.56	3	1,087.59	3	732.43	3	385.52	3	44.01	3		3		3		3	
1/4	1,788.30	1/4	1,436.13	1/4	1,080.17	1/4	725.03	1/4	378.31	1/4	38.46	1/4		1/4		1/4		1/4	
1/2	1,780.93	1/2	1,428.71	1/2	1,072.75	1/2	717.63	1/2	371.09	1/2	32.91	1/2		1/2		1/2		1/2	
3/4	1,773.55	3/4	1,421.28	3/4	1,065.35	3/4	710.22	3/4	363.88	3/4	28.81	3/4		3/4		3/4		3/4	
4	1,766.18	4	1,413.86	4	1,057.94	4	702.81	4	356.67	4	24.72	4		4		4		4	
1/4	1,758.80	1/4	1,406.43	1/4	1,050.53	1/4	695.39	1/4	349.45	1/4	20.63	1/4		1/4		1/4		1/4	
1/2	1,751.43	1/2	1,399.01	1/2	1,043.12	1/2	687.98	1/2	342.24	1/2	16.54	1/2		1/2		1/2		1/2	
3/4	1,744.14	3/4	1,391.60	3/4	1,035.72	3/4	680.71	3/4	335.02	3/4		3/4		3/4		3/4		3/4	
5	1,736.85	5	1,384.20	5	1,028.32	5	673.44	5	327.81	5		5		5		5		5	
1/4	1,729.56	1/4	1,376.79	1/4	1,020.92	1/4	666.17	1/4	320.59	1/4		1/4		1/4		1/4		1/4	
1/2	1,722.27	1/2	1,369.39	1/2	1,013.51	1/2	658.90	1/2	313.38	1/2		1/2		1/2		1/2		1/2	
3/4	1,715.01	3/4	1,361.99	3/4	1,006.11	3/4	651.69	3/4	306.01	3/4		3/4		3/4		3/4		3/4	
6	1,707.75	6	1,354.60	6	998.71	6	644.47	6	298.65	6		6		6		6		6	
1/4	1,700.49	1/4	1,347.20	1/4	991.32	1/4	637.25	1/4	291.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,693.23	1/2	1,339.81	1/2	983.92	1/2	630.04	1/2	283.92	1/2		1/2		1/2		1/2		1/2	
3/4	1,685.97	3/4	1,332.41	3/4	976.52	3/4	622.82	3/4	276.58	3/4		3/4		3/4		3/4		3/4	
7	1,678.71	7	1,325.01	7	969.12	7	615.60	7	269.24	7		7		7		7		7	
1/4	1,671.44	1/4	1,317.62	1/4	961.72	1/4	608.39	1/4	261.91	1/4		1/4		1/4		1/4		1/4	
1/2	1,664.18	1/2	1,310.22	1/2	954.32	1/2	601.17	1/2	254.57	1/2		1/2		1/2		1/2		1/2	
3/4	1,656.92	3/4	1,302.82	3/4	946.93	3/4	593.96	3/4	247.34	3/4		3/4		3/4		3/4		3/4	
8	1,649.66	8	1,295.43	8	939.53	8	586.74	8	240.10	8		8		8		8		8	
1/4	1,642.40	1/4	1,288.03	1/4	932.13	1/4	579.53	1/4	232.86	1/4		1/4		1/4		1/4		1/4	
1/2	1,635.14	1/2	1,280.63	1/2	924.73	1/2	572.31	1/2	225.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,627.88	3/4	1,273.21	3/4	917.33	3/4	565.09	3/4	218.42	3/4		3/4		3/4		3/4		3/4	
9	1,620.62	9	1,265.80	9	909.93	9	557.88	9	211.21	9		9		9		9		9	
1/4	1,613.36	1/4	1,258.38	1/4	902.54	1/4	550.66	1/4	204.01	1/4		1/4		1/4		1/4		1/4	
1/2	1,606.10	1/2	1,250.96	1/2	895.14	1/2	543.45	1/2	196.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,598.84	3/4	1,243.53	3/4	887.74	3/4	536.23	3/4	189.60	3/4		3/4		3/4		3/4		3/4	
10	1,591.58	10	1,236.10	10	880.35	10	529.02	10	182.40	10		10		10		10		10	
1/4	1,584.32	1/4	1,228.68	1/4	872.95	1/4	521.80	1/4	175.20	1/4		1/4		1/4		1/4		1/4	
1/2	1,577.06	1/2	1,221.25	1/2	865.55	1/2	514.58	1/2	168.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,569.67	3/4	1,213.83	3/4	858.16	3/4	507.52	3/4	160.82	3/4		3/4		3/4		3/4		3/4	
11	1,562.29	11	1,206.40	11	850.76	11	500.45	11	153.63	11		11		11		11		11	
1/4	1,554.90	1/4	1,198.97	1/4	843.37	1/4	493.39	1/4	146.44	1/4		1/4		1/4		1/4		1/4	
1/2	1,547.52	1/2	1,191.55	1/2	835.97	1/2	486.32	1/2	139.26	1/2		1/2		1/2		1/2		1/2	
3/4	1,540.09	3/4	1,184.12	3/4	828.58	3/4	479.16	3/4	132.09	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2014 CL
CALCULATED: 10/09/2014 CL
PRINTED: 10/09/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2014

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



BARGE "WEB 278"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	4,274.99	0	4,139.55	0	4,003.52	0	3,867.48	0	3,645.39	0	3,290.25	0	2,934.57	0	2,579.00	0	2,222.91		
1/4	1/4	4,272.21	1/4	4,136.72	1/4	4,000.68	1/4	3,864.65	1/4	3,638.04	1/4	3,282.84	1/4	2,927.16	1/4	2,571.59	1/4	2,215.50		
1/2	1/2	4,269.44	1/2	4,133.89	1/2	3,997.85	1/2	3,861.81	1/2	3,630.69	1/2	3,275.43	1/2	2,919.75	1/2	2,564.18	1/2	2,208.10		
3/4	3/4	4,266.66	3/4	4,131.05	3/4	3,995.02	3/4	3,858.98	3/4	3,623.32	3/4	3,268.02	3/4	2,912.34	3/4	2,556.77	3/4	2,200.72		
1	1	4,263.88	1	4,128.22	1	3,992.18	1	3,856.14	1	3,615.96	1	3,260.61	1	2,904.93	1	2,549.36	1	2,193.34		
1/4	1/4	4,261.10	1/4	4,125.38	1/4	3,989.35	1/4	3,853.31	1/4	3,608.59	1/4	3,253.20	1/4	2,897.53	1/4	2,541.95	1/4	2,185.97		
1/2	1/2	4,258.32	1/2	4,122.55	1/2	3,986.51	1/2	3,850.48	1/2	3,601.22	1/2	3,245.79	1/2	2,890.12	1/2	2,534.53	1/2	2,178.59		
3/4	3/4	4,255.54	3/4	4,119.72	3/4	3,983.68	3/4	3,847.64	3/4	3,593.84	3/4	3,238.38	3/4	2,882.72	3/4	2,527.12	3/4	2,171.22		
2	2	4,252.76	2	4,116.88	2	3,980.84	2	3,844.80	2	3,586.47	2	3,230.97	2	2,875.31	2	2,519.71	2	2,163.85		
1/4	1/4	4,249.98	1/4	4,114.05	1/4	3,978.01	1/4	3,841.96	1/4	3,579.09	1/4	3,223.56	1/4	2,867.90	1/4	2,512.30	1/4	2,156.48		
1/2	1/2	4,247.20	1/2	4,111.21	1/2	3,975.18	1/2	3,839.12	1/2	3,571.71	1/2	3,216.15	1/2	2,860.50	1/2	2,504.89	1/2	2,149.11		
3/4	3/4	4,244.38	3/4	4,108.38	3/4	3,972.34	3/4	3,836.28	3/4	3,564.33	3/4	3,208.74	3/4	2,853.09	3/4	2,497.47	3/4	2,141.74		
3	3	4,241.55	3	4,105.54	3	3,969.51	3	3,833.44	3	3,556.95	3	3,201.33	3	2,845.69	3	2,490.05	3	2,134.37		
1/4	1/4	4,238.73	1/4	4,102.71	1/4	3,966.67	1/4	3,830.60	1/4	3,549.56	1/4	3,193.92	1/4	2,838.28	1/4	2,482.63	1/4	2,127.01		
1/2	1/2	4,235.91	1/2	4,099.88	1/2	3,963.84	1/2	3,827.76	1/2	3,542.18	1/2	3,186.51	1/2	2,830.88	1/2	2,475.21	1/2	2,119.64		
3/4	3/4	4,233.08	3/4	4,097.04	3/4	3,961.01	3/4	3,824.70	3/4	3,534.77	3/4	3,179.10	3/4	2,823.47	3/4	2,467.79	3/4	2,112.27		
4	4	4,230.25	4	4,094.21	4	3,958.17	4	3,821.64	4	3,527.37	4	3,171.69	4	2,816.06	4	2,460.36	4	2,104.90		
1/4	1/4	4,227.41	1/4	4,091.37	1/4	3,955.34	1/4	3,818.58	1/4	3,519.97	1/4	3,164.28	1/4	2,808.66	1/4	2,452.94	1/4	2,097.54		
1/2	1/2	4,224.58	1/2	4,088.54	1/2	3,952.50	1/2	3,815.52	1/2	3,512.56	1/2	3,156.87	1/2	2,801.25	1/2	2,445.52	1/2	2,090.17		
3/4	3/4	4,221.74	3/4	4,085.71	3/4	3,949.67	3/4	3,811.90	3/4	3,505.15	3/4	3,149.46	3/4	2,793.85	3/4	2,438.10	3/4	2,082.81		
5	5	4,218.91	5	4,082.87	5	3,946.84	5	3,808.27	5	3,497.74	5	3,142.05	5	2,786.44	5	2,430.68	5	2,075.44		
1/4	1/4	4,216.07	1/4	4,080.04	1/4	3,944.00	1/4	3,804.64	1/4	3,490.33	1/4	3,134.64	1/4	2,779.04	1/4	2,423.26	1/4	2,068.08		
1/2	1/2	4,335.53	1/2	4,213.24	1/2	4,077.20	1/2	3,941.17	1/2	3,801.01	1/2	3,482.91	1/2	3,127.23	1/2	2,771.63	1/2	2,415.84	1/2	2,060.72
3/4	3/4	4,334.06	3/4	4,210.41	3/4	4,074.37	3/4	3,938.33	3/4	3,796.73	3/4	3,475.50	3/4	3,119.82	3/4	2,764.22	3/4	2,408.42	3/4	2,053.35
6	6	4,332.60	6	4,207.57	6	4,071.54	6	3,935.50	6	3,792.45	6	3,468.09	6	3,112.41	6	2,756.82	6	2,401.00	6	2,045.99
1/4	1/4	4,331.14	1/4	4,204.74	1/4	4,068.70	1/4	3,932.66	1/4	3,788.16	1/4	3,460.68	1/4	3,105.00	1/4	2,749.41	1/4	2,393.59	1/4	2,038.62
1/2	1/2	4,329.67	1/2	4,201.90	1/2	4,065.87	1/2	3,929.83	1/2	3,783.88	1/2	3,453.27	1/2	3,097.59	1/2	2,742.01	1/2	2,386.17	1/2	2,031.26
3/4	3/4	4,327.80	3/4	4,199.07	3/4	4,063.03	3/4	3,927.00	3/4	3,778.94	3/4	3,445.86	3/4	3,090.18	3/4	2,734.60	3/4	2,378.75	3/4	2,023.89
7	7	4,325.93	7	4,196.24	7	4,060.20	7	3,924.16	7	3,774.00	7	3,438.45	7	3,082.77	7	2,727.20	7	2,371.33	7	2,016.52
1/4	1/4	4,324.06	1/4	4,193.40	1/4	4,057.37	1/4	3,921.33	1/4	3,769.06	1/4	3,431.04	1/4	3,075.36	1/4	2,719.79	1/4	2,363.90	1/4	2,009.16
1/2	1/2	4,322.19	1/2	4,190.57	1/2	4,054.53	1/2	3,918.49	1/2	3,764.12	1/2	3,423.63	1/2	3,067.95	1/2	2,712.38	1/2	2,356.48	1/2	2,001.79
3/4	3/4	4,319.92	3/4	4,187.73	3/4	4,051.70	3/4	3,915.66	3/4	3,758.52	3/4	3,416.22	3/4	3,060.54	3/4	2,704.98	3/4	2,349.06	3/4	1,994.42
8	8	4,317.64	8	4,184.90	8	4,048.86	8	3,912.83	8	3,752.92	8	3,408.81	8	3,053.13	8	2,697.57	8	2,341.64	8	1,987.05
1/4	1/4	4,315.36	1/4	4,182.07	1/4	4,046.03	1/4	3,909.99	1/4	3,747.33	1/4	3,401.40	1/4	3,045.72	1/4	2,690.17	1/4	2,334.21	1/4	1,979.68
1/2	1/2	4,313.09	1/2	4,179.23	1/2	4,043.19	1/2	3,907.16	1/2	3,741.73	1/2	3,393.99	1/2	3,038.31	1/2	2,682.76	1/2	2,326.79	1/2	1,972.31
3/4	3/4	4,310.46	3/4	4,176.40	3/4	4,040.36	3/4	3,904.32	3/4	3,735.48	3/4	3,386.58	3/4	3,030.90	3/4	2,675.35	3/4	2,319.37	3/4	1,964.96
9	9	4,307.84	9	4,173.56	9	4,037.53	9	3,901.49	9	3,729.23	9	3,379.17	9	3,023.49	9	2,667.94	9	2,311.94	9	1,957.60
1/4	1/4	4,305.21	1/4	4,170.73	1/4	4,034.69	1/4	3,898.66	1/4	3,722.98	1/4	3,371.76	1/4	3,016.08	1/4	2,660.53	1/4	2,304.52	1/4	1,950.24
1/2	1/2	4,302.58	1/2	4,167.90	1/2	4,031.86	1/2	3,895.82	1/2	3,716.72	1/2	3,364.35	1/2	3,008.67	1/2	2,653.12	1/2	2,297.10	1/2	1,942.88
3/4	3/4	4,299.84	3/4	4,165.06	3/4	4,029.02	3/4	3,892.99	3/4	3,709.83	3/4	3,356.94	3/4	3,001.26	3/4	2,645.71	3/4	2,289.68	3/4	1,935.52
10	10	4,297.09	10	4,162.23	10	4,026.19	10	3,890.15	10	3,702.94	10	3,349.53	10	2,993.85	10	2,638.30	10	2,282.25	10	1,928.16
1/4	1/4	4,294.34	1/4	4,159.39	1/4	4,023.36	1/4	3,887.32	1/4	3,696.04	1/4	3,342.12	1/4	2,986.44	1/4	2,630.89	1/4	2,274.83	1/4	1,920.81
1/2	1/2	4,291.60	1/2	4,156.56	1/2	4,020.52	1/2	3,884.49	1/2	3,689.15	1/2	3,334.71	1/2	2,979.03	1/2	2,623.47	1/2	2,267.41	1/2	1,913.45
3/4	3/4	4,288.83	3/4	4,153.72	3/4	4,017.69	3/4	3,881.65	3/4	3,681.88	3/4	3,327.30	3/4	2,971.62	3/4	2,616.06	3/4	2,259.98	3/4	1,906.09
11	11	4,286.07	11	4,150.89	11	4,014.85	11	3,878.82	11	3,674.62	11	3,319.89	11	2,964.21	11	2,608.65	11	2,252.56	11	1,898.72
1/4	1/4	4,283.30	1/4	4,148.06	1/4	4,012.02	1/4	3,875.98	1/4	3,667.36	1/4	3,312.48	1/4	2,956.80	1/4	2,601.24	1/4	2,245.14	1/4	1,891.36
1/2	1/2	4,280.53	1/2	4,145.22	1/2	4,009.19	1/2	3,873.15	1/2	3,660.10	1/2	3,305.07	1/2	2,949.39	1/2	2,593.83	1/2	2,237.72	1/2	1,883.99
3/4	3/4	4,277.76	3/4	4,142.39	3/4	4,006.35	3/4	3,870.31	3/4	3,652.74	3/4	3,297.66	3/4	2,941.98	3/4	2,586.42	3/4	2,230.31	3/4	1,876.62

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 AT 10" DIAMETER HATCH
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 58'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "WEB 278"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	1,869.25	0	1,517.39	0	1,161.04	0	818.23	0	472.11	0	124.95	0		0		0		0	
1/4	1,861.89	1/4	1,509.97	1/4	1,153.61	1/4	811.12	1/4	464.94	1/4	117.78	1/4		1/4		1/4		1/4	
1/2	1,854.52	1/2	1,502.55	1/2	1,146.19	1/2	804.00	1/2	457.78	1/2	110.60	1/2		1/2		1/2		1/2	
3/4	1,847.15	3/4	1,495.13	3/4	1,138.97	3/4	796.89	3/4	450.56	3/4	103.46	3/4		3/4		3/4		3/4	
1	1,839.78	1	1,487.70	1	1,131.76	1	789.78	1	443.34	1	96.32	1		1		1		1	
1/4	1,832.41	1/4	1,480.28	1/4	1,124.54	1/4	782.66	1/4	436.12	1/4	89.17	1/4		1/4		1/4		1/4	
1/2	1,825.04	1/2	1,472.85	1/2	1,117.33	1/2	775.55	1/2	428.90	1/2	82.03	1/2		1/2		1/2		1/2	
3/4	1,817.66	3/4	1,465.43	3/4	1,110.19	3/4	768.45	3/4	421.69	3/4	75.30	3/4		3/4		3/4		3/4	
2	1,810.27	2	1,458.01	2	1,103.04	2	761.34	2	414.48	2	68.58	2		2		2		2	
1/4	1,802.88	1/4	1,450.58	1/4	1,095.90	1/4	754.24	1/4	407.26	1/4	61.85	1/4		1/4		1/4		1/4	
1/2	1,795.49	1/2	1,443.16	1/2	1,088.75	1/2	747.13	1/2	400.05	1/2	55.13	1/2		1/2		1/2		1/2	
3/4	1,788.08	3/4	1,435.73	3/4	1,081.62	3/4	739.81	3/4	392.83	3/4	49.57	3/4		3/4		3/4		3/4	
3	1,780.66	3	1,428.31	3	1,074.48	3	732.48	3	385.62	3	44.02	3		3		3		3	
1/4	1,773.25	1/4	1,420.89	1/4	1,067.34	1/4	725.16	1/4	378.41	1/4	38.47	1/4		1/4		1/4		1/4	
1/2	1,765.83	1/2	1,413.46	1/2	1,060.21	1/2	717.83	1/2	371.19	1/2	32.91	1/2		1/2		1/2		1/2	
3/4	1,758.53	3/4	1,406.04	3/4	1,053.08	3/4	710.41	3/4	363.98	3/4	28.82	3/4		3/4		3/4		3/4	
4	1,751.23	4	1,398.61	4	1,045.96	4	702.99	4	356.76	4	24.73	4		4		4		4	
1/4	1,743.92	1/4	1,391.19	1/4	1,038.83	1/4	695.57	1/4	349.54	1/4	20.64	1/4		1/4		1/4		1/4	
1/2	1,736.62	1/2	1,383.77	1/2	1,031.71	1/2	688.15	1/2	342.33	1/2	16.54	1/2		1/2		1/2		1/2	
3/4	1,729.36	3/4	1,376.34	3/4	1,024.59	3/4	680.88	3/4	335.11	3/4		3/4		3/4		3/4		3/4	
5	1,722.11	5	1,368.92	5	1,017.46	5	673.61	5	327.90	5		5		5		5		5	
1/4	1,714.85	1/4	1,361.49	1/4	1,010.34	1/4	666.33	1/4	320.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,707.59	1/2	1,354.07	1/2	1,003.22	1/2	659.06	1/2	313.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,700.33	3/4	1,346.65	3/4	996.11	3/4	651.84	3/4	306.10	3/4		3/4		3/4		3/4		3/4	
6	1,693.07	6	1,339.22	6	988.99	6	644.62	6	298.73	6		6		6		6		6	
1/4	1,685.82	1/4	1,331.80	1/4	981.87	1/4	637.40	1/4	291.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,678.56	1/2	1,324.37	1/2	974.76	1/2	630.19	1/2	284.01	1/2		1/2		1/2		1/2		1/2	
3/4	1,671.30	3/4	1,316.95	3/4	967.64	3/4	622.97	3/4	276.67	3/4		3/4		3/4		3/4		3/4	
7	1,664.03	7	1,309.52	7	960.52	7	615.75	7	269.33	7		7		7		7		7	
1/4	1,656.77	1/4	1,302.10	1/4	953.41	1/4	608.53	1/4	261.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,649.51	1/2	1,294.68	1/2	946.29	1/2	601.32	1/2	254.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,642.24	3/4	1,287.25	3/4	939.18	3/4	594.10	3/4	247.41	3/4		3/4		3/4		3/4		3/4	
8	1,634.98	8	1,279.83	8	932.06	8	586.88	8	240.17	8		8		8		8		8	
1/4	1,627.71	1/4	1,272.40	1/4	924.94	1/4	579.67	1/4	232.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,620.45	1/2	1,264.98	1/2	917.83	1/2	572.45	1/2	225.70	1/2		1/2		1/2		1/2		1/2	
3/4	1,613.19	3/4	1,257.55	3/4	910.71	3/4	565.23	3/4	218.49	3/4		3/4		3/4		3/4		3/4	
9	1,605.92	9	1,250.13	9	903.60	9	558.01	9	211.28	9		9		9		9		9	
1/4	1,598.66	1/4	1,242.70	1/4	896.48	1/4	550.80	1/4	204.07	1/4		1/4		1/4		1/4		1/4	
1/2	1,591.39	1/2	1,235.28	1/2	889.36	1/2	543.58	1/2	196.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,584.02	3/4	1,227.86	3/4	882.25	3/4	536.36	3/4	189.66	3/4		3/4		3/4		3/4		3/4	
10	1,576.64	10	1,220.43	10	875.14	10	529.15	10	182.45	10		10		10		10		10	
1/4	1,569.26	1/4	1,213.01	1/4	868.02	1/4	521.93	1/4	175.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,561.89	1/2	1,205.58	1/2	860.91	1/2	514.71	1/2	168.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,554.48	3/4	1,198.16	3/4	853.80	3/4	507.64	3/4	160.86	3/4		3/4		3/4		3/4		3/4	
11	1,547.06	11	1,190.73	11	846.68	11	500.58	11	153.67	11		11		11		11		11	
1/4	1,539.65	1/4	1,183.31	1/4	839.57	1/4	493.51	1/4	146.48	1/4		1/4		1/4		1/4		1/4	
1/2	1,532.24	1/2	1,175.88	1/2	832.46	1/2	486.45	1/2	139.30	1/2		1/2		1/2		1/2		1/2	
3/4	1,524.81	3/4	1,168.46	3/4	825.34	3/4	479.28	3/4	132.12	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2014 CL
CALCULATED: 10/09/2014 CL
PRINTED: 10/09/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 278"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	5,124.45	0	4,767.21	0	4,409.05	0	4,050.89	0	3,692.04	0	3,333.09	0	2,974.14	0	2,615.18	0	2,256.23	
1/4	1/4	5,117.09	1/4	4,759.74	1/4	4,401.59	1/4	4,043.43	1/4	3,684.56	1/4	3,325.61	1/4	2,966.66	1/4	2,607.70	1/4	2,248.75	
1/2	1/2	5,109.72	1/2	4,752.28	1/2	4,394.13	1/2	4,035.97	1/2	3,677.09	1/2	3,318.13	1/2	2,959.18	1/2	2,600.23	1/2	2,241.27	
3/4	3/4	5,102.35	3/4	4,744.82	3/4	4,386.66	3/4	4,028.51	3/4	3,669.61	3/4	3,310.65	3/4	2,951.70	3/4	2,592.75	3/4	2,233.79	
1	1	5,094.97	1	4,737.36	1	4,379.20	1	4,021.05	1	3,662.13	1	3,303.18	1	2,944.22	1	2,585.27	1	2,226.32	
1/4	1/4	5,087.59	1/4	4,729.90	1/4	4,371.74	1/4	4,013.58	1/4	3,654.65	1/4	3,295.70	1/4	2,936.74	1/4	2,577.79	1/4	2,218.84	
1/2	1/2	5,080.21	1/2	4,722.44	1/2	4,364.28	1/2	4,006.12	1/2	3,647.17	1/2	3,288.22	1/2	2,929.27	1/2	2,570.31	1/2	2,211.36	
3/4	3/4	5,072.83	3/4	4,714.97	3/4	4,356.82	3/4	3,998.65	3/4	3,639.69	3/4	3,280.74	3/4	2,921.79	3/4	2,562.83	3/4	2,203.88	
2	2	5,065.44	2	4,707.51	2	4,349.36	2	3,991.17	2	3,632.22	2	3,273.26	2	2,914.31	2	2,555.36	2	2,196.40	
1/4	1/4	5,058.06	1/4	4,700.05	1/4	4,341.89	1/4	3,983.69	1/4	3,624.74	1/4	3,265.78	1/4	2,906.83	1/4	2,547.88	1/4	2,188.92	
1/2	1/2	5,050.67	1/2	4,692.59	1/2	4,334.43	1/2	3,976.21	1/2	3,617.26	1/2	3,258.31	1/2	2,899.35	1/2	2,540.40	1/2	2,181.45	
3/4	3/4	5,043.23	3/4	4,685.13	3/4	4,326.97	3/4	3,968.74	3/4	3,609.78	3/4	3,250.83	3/4	2,891.87	3/4	2,532.92	3/4	2,173.97	
3	3	5,035.79	3	4,677.67	3	4,319.51	3	3,961.26	3	3,602.30	3	3,243.35	3	2,884.40	3	2,525.44	3	2,166.49	
1/4	1/4	5,028.34	1/4	4,670.20	1/4	4,312.05	1/4	3,953.78	1/4	3,594.83	1/4	3,235.87	1/4	2,876.92	1/4	2,517.96	1/4	2,159.01	
1/2	1/2	5,020.90	1/2	4,662.74	1/2	4,304.59	1/2	3,946.30	1/2	3,587.35	1/2	3,228.39	1/2	2,869.44	1/2	2,510.49	1/2	2,151.53	
3/4	3/4	5,013.44	3/4	4,655.28	3/4	4,297.12	3/4	3,938.82	3/4	3,579.87	3/4	3,220.92	3/4	2,861.96	3/4	2,503.01	3/4	2,144.06	
4	4	5,005.98	4	4,647.82	4	4,289.66	4	3,931.34	4	3,572.39	4	3,213.44	4	2,854.48	4	2,495.53	4	2,136.58	
1/4	1/4	4,998.52	1/4	4,640.36	1/4	4,282.20	1/4	3,923.87	1/4	3,564.91	1/4	3,205.96	1/4	2,847.01	1/4	2,488.05	1/4	2,129.10	
1/2	1/2	4,991.05	1/2	4,632.90	1/2	4,274.74	1/2	3,916.39	1/2	3,557.43	1/2	3,198.48	1/2	2,839.53	1/2	2,480.57	1/2	2,121.63	
3/4	3/4	4,983.59	3/4	4,625.44	3/4	4,267.28	3/4	3,908.91	3/4	3,549.96	3/4	3,191.00	3/4	2,832.05	3/4	2,473.10	3/4	2,114.15	
5	5	4,976.13	5	4,617.97	5	4,259.82	5	3,901.43	5	3,542.48	5	3,183.52	5	2,824.57	5	2,465.62	5	2,106.68	
1/4	1/4	4,968.67	1/4	4,610.51	1/4	4,252.36	1/4	3,893.95	1/4	3,535.00	1/4	3,176.05	1/4	2,817.09	1/4	2,458.14	1/4	2,099.21	
1/2	5,285.42	4,961.21	1/2	4,603.05	1/2	4,244.89	1/2	3,886.48	1/2	3,527.52	1/2	3,168.57	1/2	2,809.61	1/2	2,450.66	1/2	2,091.73	
3/4	5,281.50	4,953.75	3/4	4,595.59	3/4	4,237.43	3/4	3,879.00	3/4	3,520.04	3/4	3,161.09	3/4	2,802.14	3/4	2,443.18	3/4	2,084.26	
6	5,277.59	4,946.28	6	4,588.13	6	4,229.97	6	3,871.52	6	3,512.57	6	3,153.61	6	2,794.66	6	2,435.70	6	2,076.78	
1/4	5,273.67	4,938.82	1/4	4,580.67	1/4	4,222.51	1/4	3,864.04	1/4	3,505.09	1/4	3,146.13	1/4	2,787.18	1/4	2,428.23	1/4	2,069.31	
1/2	5,269.76	4,931.36	1/2	4,573.20	1/2	4,215.05	1/2	3,856.56	1/2	3,497.61	1/2	3,138.66	1/2	2,779.70	1/2	2,420.75	1/2	2,061.84	
3/4	5,264.77	4,923.90	3/4	4,565.74	3/4	4,207.59	3/4	3,849.08	3/4	3,490.13	3/4	3,131.18	3/4	2,772.22	3/4	2,413.27	3/4	2,054.36	
7	5,259.79	4,916.44	7	4,558.28	7	4,200.12	7	3,841.61	7	3,482.65	7	3,123.70	7	2,764.75	7	2,405.79	7	2,046.88	
1/4	5,254.80	4,908.98	1/4	4,550.82	1/4	4,192.66	1/4	3,834.13	1/4	3,475.17	1/4	3,116.22	1/4	2,757.27	1/4	2,398.31	1/4	2,039.40	
1/2	5,249.82	4,901.51	1/2	4,543.36	1/2	4,185.20	1/2	3,826.65	1/2	3,467.70	1/2	3,108.74	1/2	2,749.79	1/2	2,390.84	1/2	2,031.92	
3/4	5,243.77	4,894.05	3/4	4,535.90	3/4	4,177.74	3/4	3,819.17	3/4	3,460.22	3/4	3,101.26	3/4	2,742.31	3/4	2,383.36	3/4	2,024.44	
8	5,237.72	4,886.59	8	4,528.43	8	4,170.28	8	3,811.69	8	3,452.74	8	3,093.79	8	2,734.83	8	2,375.88	8	2,016.97	
1/4	5,231.66	4,879.13	1/4	4,520.97	1/4	4,162.82	1/4	3,804.22	1/4	3,445.26	1/4	3,086.31	1/4	2,727.35	1/4	2,368.40	1/4	2,009.49	
1/2	5,225.61	4,871.67	1/2	4,513.51	1/2	4,155.35	1/2	3,796.74	1/2	3,437.78	1/2	3,078.83	1/2	2,719.88	1/2	2,360.92	1/2	2,002.01	
3/4	5,218.64	4,864.21	3/4	4,506.05	3/4	4,147.89	3/4	3,789.26	3/4	3,430.31	3/4	3,071.35	3/4	2,712.40	3/4	2,353.44	3/4	1,994.53	
9	5,211.66	4,856.74	9	4,498.59	9	4,140.43	9	3,781.78	9	3,422.83	9	3,063.87	9	2,704.92	9	2,345.97	9	1,987.05	
1/4	5,204.68	4,849.28	1/4	4,491.13	1/4	4,132.97	1/4	3,774.30	1/4	3,415.35	1/4	3,056.40	1/4	2,697.44	1/4	2,338.49	1/4	1,979.58	
1/2	5,197.71	4,841.82	1/2	4,483.66	1/2	4,125.51	1/2	3,766.82	1/2	3,407.87	1/2	3,048.92	1/2	2,689.96	1/2	2,331.01	1/2	1,972.10	
3/4	5,190.42	4,834.36	3/4	4,476.20	3/4	4,118.05	3/4	3,759.35	3/4	3,400.39	3/4	3,041.44	3/4	2,682.49	3/4	2,323.53	3/4	1,964.62	
10	5,183.13	4,826.90	10	4,468.74	10	4,110.58	10	3,751.87	10	3,392.91	10	3,033.96	10	2,675.01	10	2,316.05	10	1,957.14	
1/4	5,175.84	4,819.44	1/4	4,461.28	1/4	4,103.12	1/4	3,744.39	1/4	3,385.44	1/4	3,026.48	1/4	2,667.53	1/4	2,308.58	1/4	1,949.66	
1/2	5,168.55	4,811.98	1/2	4,453.82	1/2	4,095.66	1/2	3,736.91	1/2	3,377.96	1/2	3,019.00	1/2	2,660.05	1/2	2,301.10	1/2	1,942.18	
3/4	5,161.21	4,804.51	3/4	4,446.36	3/4	4,088.20	3/4	3,729.43	3/4	3,370.48	3/4	3,011.53	3/4	2,652.57	3/4	2,293.62	3/4	1,934.71	
11	5,153.86	4,797.05	11	4,438.90	11	4,080.74	11	3,721.96	11	3,363.00	11	3,004.05	11	2,645.09	11	2,286.14	11	1,927.23	
1/4	5,146.52	4,789.59	1/4	4,431.43	1/4	4,073.28	1/4	3,714.48	1/4	3,355.52	1/4	2,996.57	1/4	2,637.62	1/4	2,278.66	1/4	1,919.75	
1/2	5,139.18	4,782.13	1/2	4,423.97	1/2	4,065.82	1/2	3,707.00	1/2	3,348.05	1/2	2,989.09	1/2	2,630.14	1/2	2,271.18	1/2	1,912.27	
3/4	5,131.81	4,774.67	3/4	4,416.51	3/4	4,058.35	3/4	3,699.52	3/4	3,340.57	3/4	2,981.61	3/4	2,622.66	3/4	2,263.71	3/4	1,904.79	

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 AT 10" DIAMETER HATCH
GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "WEB 278"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	1,897.32	0	1,542.33	0	1,185.23	0	827.20	0	475.42	0	125.70	0		0		0		0	
1/4	1,889.84	1/4	1,534.87	1/4	1,177.75	1/4	819.75	1/4	468.21	1/4	118.48	1/4		1/4		1/4		1/4	
1/2	1,882.36	1/2	1,527.41	1/2	1,170.27	1/2	812.30	1/2	460.99	1/2	111.25	1/2		1/2		1/2		1/2	
3/4	1,874.88	3/4	1,519.93	3/4	1,162.79	3/4	804.85	3/4	453.72	3/4	104.06	3/4		3/4		3/4		3/4	
1	1,867.40	1	1,512.45	1	1,155.32	1	797.41	1	446.45	1	96.86	1		1		1		1	
1/4	1,859.92	1/4	1,504.97	1/4	1,147.84	1/4	789.96	1/4	439.18	1/4	89.67	1/4		1/4		1/4		1/4	
1/2	1,852.45	1/2	1,497.50	1/2	1,140.36	1/2	782.51	1/2	431.91	1/2	82.47	1/2		1/2		1/2		1/2	
3/4	1,844.97	3/4	1,490.02	3/4	1,132.88	3/4	775.06	3/4	424.65	3/4	75.71	3/4		3/4		3/4		3/4	
2	1,837.49	2	1,482.54	2	1,125.40	2	767.62	2	417.38	2	68.94	2		2		2		2	
1/4	1,830.01	1/4	1,475.06	1/4	1,117.92	1/4	760.17	1/4	410.12	1/4	62.18	1/4		1/4		1/4		1/4	
1/2	1,822.53	1/2	1,467.58	1/2	1,110.44	1/2	752.72	1/2	402.85	1/2	55.41	1/2		1/2		1/2		1/2	
3/4	1,815.06	3/4	1,460.10	3/4	1,102.97	3/4	745.26	3/4	395.59	3/4	49.83	3/4		3/4		3/4		3/4	
3	1,807.58	3	1,452.62	3	1,095.50	3	737.80	3	388.33	3	44.25	3		3		3		3	
1/4	1,800.10	1/4	1,445.15	1/4	1,088.03	1/4	730.35	1/4	381.06	1/4	38.66	1/4		1/4		1/4		1/4	
1/2	1,792.62	1/2	1,437.67	1/2	1,080.56	1/2	722.89	1/2	373.80	1/2	33.08	1/2		1/2		1/2		1/2	
3/4	1,785.14	3/4	1,430.19	3/4	1,073.10	3/4	715.41	3/4	366.53	3/4	28.97	3/4		3/4		3/4		3/4	
4	1,777.66	4	1,422.71	4	1,065.64	4	707.94	4	359.26	4	24.85	4		4		4		4	
1/4	1,770.19	1/4	1,415.23	1/4	1,058.18	1/4	700.46	1/4	351.99	1/4	20.74	1/4		1/4		1/4		1/4	
1/2	1,762.71	1/2	1,407.75	1/2	1,050.72	1/2	692.99	1/2	344.73	1/2	16.63	1/2		1/2		1/2		1/2	
3/4	1,755.29	3/4	1,400.32	3/4	1,043.26	3/4	685.66	3/4	337.46	3/4		3/4		3/4		3/4		3/4	
5	1,747.88	5	1,392.88	5	1,035.81	5	678.34	5	330.19	5		5		5		5		5	
1/4	1,740.46	1/4	1,385.45	1/4	1,028.35	1/4	671.02	1/4	322.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,733.05	1/2	1,378.01	1/2	1,020.90	1/2	663.69	1/2	315.65	1/2		1/2		1/2		1/2		1/2	
3/4	1,725.71	3/4	1,370.63	3/4	1,013.44	3/4	656.42	3/4	308.23	3/4		3/4		3/4		3/4		3/4	
6	1,718.38	6	1,363.25	6	1,005.99	6	649.15	6	300.81	6		6		6		6		6	
1/4	1,711.05	1/4	1,355.88	1/4	998.54	1/4	641.88	1/4	293.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,703.72	1/2	1,348.50	1/2	991.09	1/2	634.62	1/2	285.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,696.41	3/4	1,341.14	3/4	983.64	3/4	627.35	3/4	278.58	3/4		3/4		3/4		3/4		3/4	
7	1,689.09	7	1,333.77	7	976.19	7	620.08	7	271.19	7		7		7		7		7	
1/4	1,681.78	1/4	1,326.41	1/4	968.74	1/4	612.81	1/4	263.79	1/4		1/4		1/4		1/4		1/4	
1/2	1,674.47	1/2	1,319.05	1/2	961.29	1/2	605.54	1/2	256.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,667.16	3/4	1,311.68	3/4	953.83	3/4	598.28	3/4	249.10	3/4		3/4		3/4		3/4		3/4	
8	1,659.85	8	1,304.32	8	946.38	8	591.01	8	241.81	8		8		8		8		8	
1/4	1,652.54	1/4	1,296.96	1/4	938.93	1/4	583.74	1/4	234.52	1/4		1/4		1/4		1/4		1/4	
1/2	1,645.23	1/2	1,289.59	1/2	931.48	1/2	576.47	1/2	227.22	1/2		1/2		1/2		1/2		1/2	
3/4	1,637.92	3/4	1,282.19	3/4	924.03	3/4	569.20	3/4	219.96	3/4		3/4		3/4		3/4		3/4	
9	1,630.60	9	1,274.78	9	916.58	9	561.94	9	212.69	9		9		9		9		9	
1/4	1,623.29	1/4	1,267.37	1/4	909.13	1/4	554.67	1/4	205.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,615.98	1/2	1,259.96	1/2	901.68	1/2	547.40	1/2	198.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,608.67	3/4	1,252.50	3/4	894.23	3/4	540.13	3/4	190.91	3/4		3/4		3/4		3/4		3/4	
10	1,601.36	10	1,245.04	10	886.78	10	532.86	10	183.65	10		10		10		10		10	
1/4	1,594.05	1/4	1,237.57	1/4	879.33	1/4	525.60	1/4	176.39	1/4		1/4		1/4		1/4		1/4	
1/2	1,586.74	1/2	1,230.11	1/2	871.88	1/2	518.33	1/2	169.13	1/2		1/2		1/2		1/2		1/2	
3/4	1,579.36	3/4	1,222.63	3/4	864.44	3/4	511.21	3/4	161.89	3/4		3/4		3/4		3/4		3/4	
11	1,571.99	11	1,215.15	11	856.99	11	504.09	11	154.65	11		11		11		11		11	
1/4	1,564.61	1/4	1,207.67	1/4	849.54	1/4	496.98	1/4	147.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,557.24	1/2	1,200.19	1/2	842.09	1/2	489.86	1/2	140.16	1/2		1/2		1/2		1/2		1/2	
3/4	1,549.78	3/4	1,192.71	3/4	834.65	3/4	482.64	3/4	132.93	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2014 CL
CALCULATED: 10/09/2014 CL
PRINTED: 10/09/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2014

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



BARGE "WEB 278"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	5,104.54	0	4,747.52	0	4,389.58	0	4,031.64	0	3,673.03	0	3,314.29	0	2,955.54	0	2,596.80	0	2,238.06		
1/4	1/4	5,097.18	1/4	4,740.06	1/4	4,382.12	1/4	4,024.18	1/4	3,665.55	1/4	3,306.81	1/4	2,948.07	1/4	2,589.33	1/4	2,230.58		
1/2	1/2	5,089.82	1/2	4,732.60	1/2	4,374.66	1/2	4,016.72	1/2	3,658.08	1/2	3,299.34	1/2	2,940.60	1/2	2,581.85	1/2	2,223.11		
3/4	3/4	5,082.45	3/4	4,725.15	3/4	4,367.21	3/4	4,009.26	3/4	3,650.61	3/4	3,291.86	3/4	2,933.12	3/4	2,574.38	3/4	2,215.64		
1	1	5,075.07	1	4,717.69	1	4,359.75	1	4,001.81	1	3,643.13	1	3,284.39	1	2,925.65	1	2,566.91	1	2,208.16		
1/4	1/4	5,067.70	1/4	4,710.23	1/4	4,352.29	1/4	3,994.35	1/4	3,635.66	1/4	3,276.92	1/4	2,918.17	1/4	2,559.43	1/4	2,200.69		
1/2	1/2	5,060.33	1/2	4,702.77	1/2	4,344.83	1/2	3,986.89	1/2	3,628.19	1/2	3,269.44	1/2	2,910.70	1/2	2,551.96	1/2	2,193.22		
3/4	3/4	5,052.95	3/4	4,695.32	3/4	4,337.38	3/4	3,979.43	3/4	3,620.71	3/4	3,261.97	3/4	2,903.23	3/4	2,544.48	3/4	2,185.74		
2	2	5,045.57	2	4,687.86	2	4,329.92	2	3,971.96	2	3,613.24	2	3,254.50	2	2,895.75	2	2,537.01	2	2,178.27		
1/4	1/4	5,038.19	1/4	4,680.40	1/4	4,322.46	1/4	3,964.50	1/4	3,605.76	1/4	3,247.02	1/4	2,888.28	1/4	2,529.54	1/4	2,170.79		
1/2	1/2	5,030.81	1/2	4,672.95	1/2	4,315.01	1/2	3,957.03	1/2	3,598.29	1/2	3,239.55	1/2	2,880.81	1/2	2,522.06	1/2	2,163.32		
3/4	3/4	5,023.37	3/4	4,665.49	3/4	4,307.55	3/4	3,949.56	3/4	3,590.82	3/4	3,232.07	3/4	2,873.33	3/4	2,514.59	3/4	2,155.85		
3	3	5,015.93	3	4,658.03	3	4,300.09	3	3,942.09	3	3,583.34	3	3,224.60	3	2,865.86	3	2,507.12	3	2,148.37		
1/4	1/4	5,008.50	1/4	4,650.58	1/4	4,292.63	1/4	3,934.61	1/4	3,575.87	1/4	3,217.13	1/4	2,858.38	1/4	2,499.64	1/4	2,140.90		
1/2	1/2	5,001.06	1/2	4,643.12	1/2	4,285.18	1/2	3,927.14	1/2	3,568.40	1/2	3,209.65	1/2	2,850.91	1/2	2,492.17	1/2	2,133.43		
3/4	3/4	4,993.60	3/4	4,635.66	3/4	4,277.72	3/4	3,919.66	3/4	3,560.92	3/4	3,202.18	3/4	2,843.44	3/4	2,484.69	3/4	2,125.95		
4	4	4,986.14	4	4,628.20	4	4,270.26	4	3,912.19	4	3,553.45	4	3,194.71	4	2,835.96	4	2,477.22	4	2,118.48		
1/4	1/4	4,978.69	1/4	4,620.75	1/4	4,262.81	1/4	3,904.72	1/4	3,545.97	1/4	3,187.23	1/4	2,828.49	1/4	2,469.75	1/4	2,111.01		
1/2	1/2	4,971.23	1/2	4,613.29	1/2	4,255.35	1/2	3,897.24	1/2	3,538.50	1/2	3,179.76	1/2	2,821.02	1/2	2,462.27	1/2	2,103.54		
3/4	3/4	4,963.77	3/4	4,605.83	3/4	4,247.89	3/4	3,889.77	3/4	3,531.03	3/4	3,172.28	3/4	2,813.54	3/4	2,454.80	3/4	2,096.07		
5	5	4,956.32	5	4,598.38	5	4,240.43	5	3,882.29	5	3,523.55	5	3,164.81	5	2,806.07	5	2,447.33	5	2,088.60		
1/4	1/4	4,948.86	1/4	4,590.92	1/4	4,232.98	1/4	3,874.82	1/4	3,516.08	1/4	3,157.34	1/4	2,798.59	1/4	2,439.85	1/4	2,081.13		
1/2	1/2	5,265.40	1/2	4,941.40	1/2	4,583.46	1/2	4,225.52	1/2	3,867.35	1/2	3,508.60	1/2	3,149.86	1/2	2,791.12	1/2	2,432.38	1/2	2,073.66
3/4	3/4	5,261.49	3/4	4,933.94	3/4	4,576.00	3/4	4,218.06	3/4	3,859.87	3/4	3,501.13	3/4	3,142.39	3/4	2,783.65	3/4	2,424.90	3/4	2,066.19
6	6	5,257.58	6	4,926.49	6	4,568.55	6	4,210.61	6	3,852.40	6	3,493.66	6	3,134.91	6	2,776.17	6	2,417.43	6	2,058.72
1/4	1/4	5,253.67	1/4	4,919.03	1/4	4,561.09	1/4	4,203.15	1/4	3,844.93	1/4	3,486.18	1/4	3,127.44	1/4	2,768.70	1/4	2,409.96	1/4	2,051.25
1/2	1/2	5,249.75	1/2	4,911.57	1/2	4,553.63	1/2	4,195.69	1/2	3,837.45	1/2	3,478.71	1/2	3,119.97	1/2	2,761.22	1/2	2,402.48	1/2	2,043.78
3/4	3/4	5,244.77	3/4	4,904.12	3/4	4,546.18	3/4	4,188.23	3/4	3,829.98	3/4	3,471.24	3/4	3,112.49	3/4	2,753.75	3/4	2,395.01	3/4	2,036.31
7	7	5,239.79	7	4,896.66	7	4,538.72	7	4,180.78	7	3,822.50	7	3,463.76	7	3,105.02	7	2,746.28	7	2,387.53	7	2,028.84
1/4	1/4	5,234.81	1/4	4,889.20	1/4	4,531.26	1/4	4,173.32	1/4	3,815.03	1/4	3,456.29	1/4	3,097.55	1/4	2,738.80	1/4	2,380.06	1/4	2,021.36
1/2	1/2	5,229.83	1/2	4,881.75	1/2	4,523.80	1/2	4,165.86	1/2	3,807.56	1/2	3,448.81	1/2	3,090.07	1/2	2,731.33	1/2	2,372.59	1/2	2,013.89
3/4	3/4	5,223.78	3/4	4,874.29	3/4	4,516.35	3/4	4,158.41	3/4	3,800.08	3/4	3,441.34	3/4	3,082.60	3/4	2,723.86	3/4	2,365.11	3/4	2,006.42
8	8	5,217.73	8	4,866.83	8	4,508.89	8	4,150.95	8	3,792.61	8	3,433.87	8	3,075.12	8	2,716.38	8	2,357.64	8	1,998.94
1/4	1/4	5,211.68	1/4	4,859.37	1/4	4,501.43	1/4	4,143.49	1/4	3,785.14	1/4	3,426.39	1/4	3,067.65	1/4	2,708.91	1/4	2,350.17	1/4	1,991.47
1/2	1/2	5,205.64	1/2	4,851.92	1/2	4,493.98	1/2	4,136.04	1/2	3,777.66	1/2	3,418.92	1/2	3,060.18	1/2	2,701.43	1/2	2,342.69	1/2	1,984.00
3/4	3/4	5,198.66	3/4	4,844.46	3/4	4,486.52	3/4	4,128.58	3/4	3,770.19	3/4	3,411.45	3/4	3,052.70	3/4	2,693.96	3/4	2,335.22	3/4	1,976.52
9	9	5,191.69	9	4,837.00	9	4,479.06	9	4,121.12	9	3,762.71	9	3,403.97	9	3,045.23	9	2,686.49	9	2,327.74	9	1,969.05
1/4	1/4	5,184.72	1/4	4,829.55	1/4	4,471.60	1/4	4,113.66	1/4	3,755.24	1/4	3,396.50	1/4	3,037.76	1/4	2,679.01	1/4	2,320.27	1/4	1,961.58
1/2	1/2	5,177.75	1/2	4,822.09	1/2	4,464.15	1/2	4,106.21	1/2	3,747.77	1/2	3,389.02	1/2	3,030.28	1/2	2,671.54	1/2	2,312.80	1/2	1,954.10
3/4	3/4	5,170.47	3/4	4,814.63	3/4	4,456.69	3/4	4,098.75	3/4	3,740.29	3/4	3,381.55	3/4	3,022.81	3/4	2,664.07	3/4	2,305.32	3/4	1,946.63
10	10	5,163.18	10	4,807.17	10	4,449.23	10	4,091.29	10	3,732.82	10	3,374.08	10	3,015.33	10	2,656.59	10	2,297.85	10	1,939.15
1/4	1/4	5,155.90	1/4	4,799.72	1/4	4,441.78	1/4	4,083.84	1/4	3,725.35	1/4	3,366.60	1/4	3,007.86	1/4	2,649.12	1/4	2,290.38	1/4	1,931.68
1/2	1/2	5,148.61	1/2	4,792.26	1/2	4,434.32	1/2	4,076.38	1/2	3,717.87	1/2	3,359.13	1/2	3,000.39	1/2	2,641.64	1/2	2,282.90	1/2	1,924.21
3/4	3/4	5,141.27	3/4	4,784.80	3/4	4,426.86	3/4	4,068.92	3/4	3,710.40	3/4	3,351.66	3/4	2,992.91	3/4	2,634.17	3/4	2,275.43	3/4	1,916.73
11	11	5,133.93	11	4,777.35	11	4,419.41	11	4,061.46	11	3,702.92	11	3,344.18	11	2,985.44	11	2,626.70	11	2,267.95	11	1,909.26
1/4	1/4	5,126.59	1/4	4,769.89	1/4	4,411.95	1/4	4,054.01	1/4	3,695.45	1/4	3,336.71	1/4	2,977.97	1/4	2,619.22	1/4	2,260.48	1/4	1,901.79
1/2	1/2	5,119.26	1/2	4,762.43	1/2	4,404.49	1/2	4,046.55	1/2	3,687.98	1/2	3,329.23	1/2	2,970.49	1/2	2,611.75	1/2	2,253.01	1/2	1,894.31
3/4	3/4	5,111.90	3/4	4,754.97	3/4	4,397.03	3/4	4,039.09	3/4	3,680.50	3/4	3,321.76	3/4	2,963.02	3/4	2,604.28	3/4	2,245.53	3/4	1,886.84

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 AT 10" DIAMETER HATCH
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD

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



BARGE "WEB 278"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	1,879.36	0	1,524.63	0	1,165.86	0	821.70	0	475.13	0	125.63	0		0		0		0	
1/4	1,871.89	1/4	1,517.16	1/4	1,158.39	1/4	814.59	1/4	467.92	1/4	118.41	1/4		1/4		1/4		1/4	
1/2	1,864.42	1/2	1,509.68	1/2	1,150.91	1/2	807.48	1/2	460.71	1/2	111.18	1/2		1/2		1/2		1/2	
3/4	1,856.94	3/4	1,502.21	3/4	1,143.44	3/4	800.37	3/4	453.44	3/4	103.99	3/4		3/4		3/4		3/4	
1	1,849.47	1	1,494.73	1	1,135.96	1	793.26	1	446.18	1	96.80	1		1		1		1	
1/4	1,841.99	1/4	1,487.26	1/4	1,128.49	1/4	786.15	1/4	438.91	1/4	89.61	1/4		1/4		1/4		1/4	
1/2	1,834.52	1/2	1,479.79	1/2	1,121.02	1/2	779.04	1/2	431.65	1/2	82.42	1/2		1/2		1/2		1/2	
3/4	1,827.05	3/4	1,472.31	3/4	1,113.79	3/4	771.93	3/4	424.39	3/4	75.66	3/4		3/4		3/4		3/4	
2	1,819.57	2	1,464.84	2	1,106.57	2	764.82	2	417.13	2	68.90	2		2		2		2	
1/4	1,812.10	1/4	1,457.36	1/4	1,099.34	1/4	757.71	1/4	409.87	1/4	62.14	1/4		1/4		1/4		1/4	
1/2	1,804.63	1/2	1,449.89	1/2	1,092.12	1/2	750.59	1/2	402.61	1/2	55.38	1/2		1/2		1/2		1/2	
3/4	1,797.15	3/4	1,442.41	3/4	1,084.98	3/4	743.47	3/4	395.35	3/4	49.80	3/4		3/4		3/4		3/4	
3	1,789.68	3	1,434.94	3	1,077.85	3	736.35	3	388.09	3	44.22	3		3		3		3	
1/4	1,782.20	1/4	1,427.47	1/4	1,070.72	1/4	729.23	1/4	380.83	1/4	38.64	1/4		1/4		1/4		1/4	
1/2	1,774.73	1/2	1,419.99	1/2	1,063.58	1/2	722.11	1/2	373.57	1/2	33.06	1/2		1/2		1/2		1/2	
3/4	1,767.26	3/4	1,412.52	3/4	1,056.46	3/4	714.72	3/4	366.31	3/4	28.95	3/4		3/4		3/4		3/4	
4	1,759.78	4	1,405.04	4	1,049.34	4	707.34	4	359.04	4	24.84	4		4		4		4	
1/4	1,752.31	1/4	1,397.57	1/4	1,042.21	1/4	699.95	1/4	351.78	1/4	20.73	1/4		1/4		1/4		1/4	
1/2	1,744.84	1/2	1,390.09	1/2	1,035.09	1/2	692.56	1/2	344.52	1/2	16.62	1/2		1/2		1/2		1/2	
3/4	1,737.49	3/4	1,382.62	3/4	1,027.97	3/4	685.24	3/4	337.25	3/4		3/4		3/4		3/4		3/4	
5	1,730.14	5	1,375.15	5	1,020.86	5	677.93	5	329.99	5		5		5		5		5	
1/4	1,722.79	1/4	1,367.67	1/4	1,013.74	1/4	670.61	1/4	322.72	1/4		1/4		1/4		1/4		1/4	
1/2	1,715.44	1/2	1,360.20	1/2	1,006.62	1/2	663.29	1/2	315.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,708.13	3/4	1,352.72	3/4	999.51	3/4	656.02	3/4	308.05	3/4		3/4		3/4		3/4		3/4	
6	1,700.83	6	1,345.25	6	992.39	6	648.76	6	300.63	6		6		6		6		6	
1/4	1,693.52	1/4	1,337.78	1/4	985.28	1/4	641.49	1/4	293.22	1/4		1/4		1/4		1/4		1/4	
1/2	1,686.21	1/2	1,330.30	1/2	978.16	1/2	634.23	1/2	285.80	1/2		1/2		1/2		1/2		1/2	
3/4	1,678.91	3/4	1,322.83	3/4	971.05	3/4	626.96	3/4	278.41	3/4		3/4		3/4		3/4		3/4	
7	1,671.60	7	1,315.35	7	963.94	7	619.70	7	271.02	7		7		7		7		7	
1/4	1,664.29	1/4	1,307.88	1/4	956.82	1/4	612.44	1/4	263.63	1/4		1/4		1/4		1/4		1/4	
1/2	1,656.99	1/2	1,300.40	1/2	949.71	1/2	605.17	1/2	256.24	1/2		1/2		1/2		1/2		1/2	
3/4	1,649.68	3/4	1,292.93	3/4	942.60	3/4	597.91	3/4	248.95	3/4		3/4		3/4		3/4		3/4	
8	1,642.37	8	1,285.45	8	935.48	8	590.65	8	241.66	8		8		8		8		8	
1/4	1,635.07	1/4	1,277.98	1/4	928.37	1/4	583.38	1/4	234.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,627.76	1/2	1,270.51	1/2	921.26	1/2	576.12	1/2	227.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,620.45	3/4	1,263.03	3/4	914.14	3/4	568.86	3/4	219.82	3/4		3/4		3/4		3/4		3/4	
9	1,613.15	9	1,255.56	9	907.03	9	561.59	9	212.56	9		9		9		9		9	
1/4	1,605.84	1/4	1,248.08	1/4	899.92	1/4	554.33	1/4	205.30	1/4		1/4		1/4		1/4		1/4	
1/2	1,598.53	1/2	1,240.61	1/2	892.80	1/2	547.07	1/2	198.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,591.23	3/4	1,233.13	3/4	885.69	3/4	539.80	3/4	190.79	3/4		3/4		3/4		3/4		3/4	
10	1,583.92	10	1,225.66	10	878.58	10	532.54	10	183.54	10		10		10		10		10	
1/4	1,576.61	1/4	1,218.18	1/4	871.47	1/4	525.27	1/4	176.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,569.30	1/2	1,210.71	1/2	864.36	1/2	518.01	1/2	169.03	1/2		1/2		1/2		1/2		1/2	
3/4	1,561.87	3/4	1,203.23	3/4	857.25	3/4	510.90	3/4	161.79	3/4		3/4		3/4		3/4		3/4	
11	1,554.44	11	1,195.76	11	850.14	11	503.79	11	154.55	11		11		11		11		11	
1/4	1,547.01	1/4	1,188.29	1/4	843.03	1/4	496.67	1/4	147.31	1/4		1/4		1/4		1/4		1/4	
1/2	1,539.58	1/2	1,180.81	1/2	835.92	1/2	489.56	1/2	140.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,532.10	3/4	1,173.34	3/4	828.81	3/4	482.35	3/4	132.85	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2014 CL
CALCULATED: 10/09/2014 CL
PRINTED: 10/09/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 278"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	5,039.08	0	4,683.46	0	4,326.93	0	3,970.40	0	3,613.20	0	3,255.87	0	2,898.54	0	2,541.21	0	2,183.88	
1/4	1/4	5,031.75	1/4	4,676.04	1/4	4,319.51	1/4	3,962.98	1/4	3,605.76	1/4	3,248.43	1/4	2,891.09	1/4	2,533.76	1/4	2,176.43	
1/2	1/2	5,024.42	1/2	4,668.61	1/2	4,312.08	1/2	3,955.55	1/2	3,598.31	1/2	3,240.98	1/2	2,883.65	1/2	2,526.32	1/2	2,168.99	
3/4	3/4	5,017.08	3/4	4,661.18	3/4	4,304.65	3/4	3,948.12	3/4	3,590.87	3/4	3,233.54	3/4	2,876.21	3/4	2,518.87	3/4	2,161.54	
1	1	5,009.74	1	4,653.75	1	4,297.22	1	3,940.69	1	3,583.42	1	3,226.09	1	2,868.76	1	2,511.43	1	2,154.10	
1/4	1/4	5,002.39	1/4	4,646.32	1/4	4,289.80	1/4	3,933.27	1/4	3,575.98	1/4	3,218.65	1/4	2,861.32	1/4	2,503.99	1/4	2,146.65	
1/2	1/2	4,995.05	1/2	4,638.90	1/2	4,282.37	1/2	3,925.84	1/2	3,568.53	1/2	3,211.20	1/2	2,853.87	1/2	2,496.54	1/2	2,139.21	
3/4	3/4	4,987.70	3/4	4,631.47	3/4	4,274.94	3/4	3,918.40	3/4	3,561.09	3/4	3,203.76	3/4	2,846.43	3/4	2,489.10	3/4	2,131.77	
2	2	4,980.35	2	4,624.04	2	4,267.51	2	3,910.96	2	3,553.65	2	3,196.31	2	2,838.98	2	2,481.65	2	2,124.32	
1/4	1/4	4,973.00	1/4	4,616.61	1/4	4,260.08	1/4	3,903.53	1/4	3,546.20	1/4	3,188.87	1/4	2,831.54	1/4	2,474.21	1/4	2,116.88	
1/2	1/2	4,965.65	1/2	4,609.19	1/2	4,252.66	1/2	3,896.09	1/2	3,538.76	1/2	3,181.43	1/2	2,824.09	1/2	2,466.76	1/2	2,109.43	
3/4	3/4	4,958.24	3/4	4,601.76	3/4	4,245.23	3/4	3,888.64	3/4	3,531.31	3/4	3,173.98	3/4	2,816.65	3/4	2,459.32	3/4	2,101.99	
3	3	4,950.83	3	4,594.33	3	4,237.80	3	3,881.20	3	3,523.87	3	3,166.54	3	2,809.21	3	2,451.87	3	2,094.54	
1/4	1/4	4,943.42	1/4	4,586.90	1/4	4,230.37	1/4	3,873.75	1/4	3,516.42	1/4	3,159.09	1/4	2,801.76	1/4	2,444.43	1/4	2,087.10	
1/2	1/2	4,936.01	1/2	4,579.48	1/2	4,222.95	1/2	3,866.31	1/2	3,508.98	1/2	3,151.65	1/2	2,794.32	1/2	2,436.99	1/2	2,079.65	
3/4	3/4	4,928.58	3/4	4,572.05	3/4	4,215.52	3/4	3,858.87	3/4	3,501.53	3/4	3,144.20	3/4	2,786.87	3/4	2,429.54	3/4	2,072.21	
4	4	4,921.15	4	4,564.62	4	4,208.09	4	3,851.42	4	3,494.09	4	3,136.76	4	2,779.43	4	2,422.10	4	2,064.77	
1/4	1/4	4,913.72	1/4	4,557.19	1/4	4,200.66	1/4	3,843.98	1/4	3,486.65	1/4	3,129.31	1/4	2,771.98	1/4	2,414.65	1/4	2,057.33	
1/2	1/2	4,906.29	1/2	4,549.76	1/2	4,193.23	1/2	3,836.53	1/2	3,479.20	1/2	3,121.87	1/2	2,764.54	1/2	2,407.21	1/2	2,049.89	
3/4	3/4	4,898.87	3/4	4,542.34	3/4	4,185.81	3/4	3,829.09	3/4	3,471.76	3/4	3,114.43	3/4	2,757.09	3/4	2,399.76	3/4	2,042.45	
5	5	4,891.44	5	4,534.91	5	4,178.38	5	3,821.64	5	3,464.31	5	3,106.98	5	2,749.65	5	2,392.32	5	2,035.01	
1/4	1/4	4,884.01	1/4	4,527.48	1/4	4,170.95	1/4	3,814.20	1/4	3,456.87	1/4	3,099.54	1/4	2,742.21	1/4	2,384.87	1/4	2,027.57	
1/2	5,199.31	4,876.58	1/2	4,520.05	1/2	4,163.52	1/2	3,806.75	1/2	3,449.42	1/2	3,092.09	1/2	2,734.76	1/2	2,377.43	1/2	2,020.13	
3/4	5,195.42	4,869.16	3/4	4,512.63	3/4	4,156.10	3/4	3,799.31	3/4	3,441.98	3/4	3,084.65	3/4	2,727.32	3/4	2,369.99	3/4	2,012.69	
6	5,191.52	4,861.73	6	4,505.20	6	4,148.67	6	3,791.87	6	3,434.53	6	3,077.20	6	2,719.87	6	2,362.54	6	2,005.25	
1/4	5,187.62	4,854.30	1/4	4,497.77	1/4	4,141.24	1/4	3,784.42	1/4	3,427.09	1/4	3,069.76	1/4	2,712.43	1/4	2,355.10	1/4	1,997.80	
1/2	5,183.72	4,846.87	1/2	4,490.34	1/2	4,133.81	1/2	3,776.98	1/2	3,419.65	1/2	3,062.32	1/2	2,704.98	1/2	2,347.65	1/2	1,990.36	
3/4	5,178.76	4,839.44	3/4	4,482.92	3/4	4,126.39	3/4	3,769.53	3/4	3,412.20	3/4	3,054.87	3/4	2,697.54	3/4	2,340.21	3/4	1,982.92	
7	5,173.80	4,832.02	7	4,475.49	7	4,118.96	7	3,762.09	7	3,404.76	7	3,047.43	7	2,690.10	7	2,332.76	7	1,975.48	
1/4	5,168.84	4,824.59	1/4	4,468.06	1/4	4,111.53	1/4	3,754.64	1/4	3,397.31	1/4	3,039.98	1/4	2,682.65	1/4	2,325.32	1/4	1,968.03	
1/2	5,163.88	4,817.16	1/2	4,460.63	1/2	4,104.10	1/2	3,747.20	1/2	3,389.87	1/2	3,032.54	1/2	2,675.21	1/2	2,317.88	1/2	1,960.59	
3/4	5,157.86	4,809.73	3/4	4,453.20	3/4	4,096.67	3/4	3,739.76	3/4	3,382.42	3/4	3,025.09	3/4	2,667.76	3/4	2,310.43	3/4	1,953.14	
8	5,151.83	4,802.31	8	4,445.78	8	4,089.25	8	3,732.31	8	3,374.98	8	3,017.65	8	2,660.32	8	2,302.99	8	1,945.70	
1/4	5,145.81	4,794.88	1/4	4,438.35	1/4	4,081.82	1/4	3,724.87	1/4	3,367.54	1/4	3,010.20	1/4	2,652.87	1/4	2,295.54	1/4	1,938.25	
1/2	5,139.78	4,787.45	1/2	4,430.92	1/2	4,074.39	1/2	3,717.42	1/2	3,360.09	1/2	3,002.76	1/2	2,645.43	1/2	2,288.10	1/2	1,930.81	
3/4	5,132.84	4,780.02	3/4	4,423.49	3/4	4,066.96	3/4	3,709.98	3/4	3,352.65	3/4	2,995.32	3/4	2,637.98	3/4	2,280.65	3/4	1,923.37	
9	5,125.89	4,772.60	9	4,416.07	9	4,059.54	9	3,702.53	9	3,345.20	9	2,987.87	9	2,630.54	9	2,273.21	9	1,915.92	
1/4	5,118.95	4,765.17	1/4	4,408.64	1/4	4,052.11	1/4	3,695.09	1/4	3,337.76	1/4	2,980.43	1/4	2,623.10	1/4	2,265.76	1/4	1,908.48	
1/2	5,112.01	4,757.74	1/2	4,401.21	1/2	4,044.68	1/2	3,687.64	1/2	3,330.31	1/2	2,972.98	1/2	2,615.65	1/2	2,258.32	1/2	1,901.03	
3/4	5,104.75	4,750.31	3/4	4,393.78	3/4	4,037.25	3/4	3,680.20	3/4	3,322.87	3/4	2,965.54	3/4	2,608.21	3/4	2,250.88	3/4	1,893.59	
10	5,097.49	4,742.88	10	4,386.36	10	4,029.83	10	3,672.76	10	3,315.42	10	2,958.09	10	2,600.76	10	2,243.43	10	1,886.14	
1/4	5,090.24	4,735.46	1/4	4,378.93	1/4	4,022.40	1/4	3,665.31	1/4	3,307.98	1/4	2,950.65	1/4	2,593.32	1/4	2,235.99	1/4	1,878.70	
1/2	5,082.98	4,728.03	1/2	4,371.50	1/2	4,014.97	1/2	3,657.87	1/2	3,300.54	1/2	2,943.20	1/2	2,585.87	1/2	2,228.54	1/2	1,871.26	
3/4	5,075.67	4,720.60	3/4	4,364.07	3/4	4,007.54	3/4	3,650.42	3/4	3,293.09	3/4	2,935.76	3/4	2,578.43	3/4	2,221.10	3/4	1,863.81	
11	5,068.36	4,713.17	11	4,356.64	11	4,000.11	11	3,642.98	11	3,285.65	11	2,928.32	11	2,570.98	11	2,213.65	11	1,856.37	
1/4	5,061.05	4,705.75	1/4	4,349.22	1/4	3,992.69	1/4	3,635.53	1/4	3,278.20	1/4	2,920.87	1/4	2,563.54	1/4	2,206.21	1/4	1,848.92	
1/2	5,053.74	4,698.32	1/2	4,341.79	1/2	3,985.26	1/2	3,628.09	1/2	3,270.76	1/2	2,913.43	1/2	2,556.10	1/2	2,198.76	1/2	1,841.48	
3/4	5,046.41	4,690.89	3/4	4,334.36	3/4	3,977.83	3/4	3,620.64	3/4	3,263.31	3/4	2,905.98	3/4	2,548.65	3/4	2,191.32	3/4	1,834.03	

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 AT 10" DIAMETER HATCH
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD

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



BARGE "WEB 278"

**1 STBD
ULLAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	1,826.59	0	1,470.24	0	1,113.41	0	756.98	0	408.94	0	98.70	0		0		0		0	
1/4	1,819.14	1/4	1,462.79	1/4	1,105.96	1/4	749.57	1/4	402.04	1/4	92.79	1/4		1/4		1/4		1/4	
1/2	1,811.70	1/2	1,455.35	1/2	1,098.52	1/2	742.15	1/2	395.15	1/2	86.89	1/2		1/2		1/2		1/2	
3/4	1,804.26	3/4	1,447.91	3/4	1,091.07	3/4	734.74	3/4	388.29	3/4	81.09	3/4		3/4		3/4		3/4	
1	1,796.81	1	1,440.46	1	1,083.63	1	727.32	1	381.43	1	75.30	1		1		1		1	
1/4	1,789.37	1/4	1,433.02	1/4	1,076.18	1/4	719.91	1/4	374.57	1/4	69.51	1/4		1/4		1/4		1/4	
1/2	1,781.92	1/2	1,425.57	1/2	1,068.73	1/2	712.49	1/2	367.70	1/2	63.72	1/2		1/2		1/2		1/2	
3/4	1,774.48	3/4	1,418.13	3/4	1,061.29	3/4	705.08	3/4	360.93	3/4	58.44	3/4		3/4		3/4		3/4	
2	1,767.03	2	1,410.68	2	1,053.84	2	697.66	2	354.15	2	53.16	2		2		2		2	
1/4	1,759.59	1/4	1,403.24	1/4	1,046.40	1/4	690.25	1/4	347.38	1/4	47.88	1/4		1/4		1/4		1/4	
1/2	1,752.15	1/2	1,395.79	1/2	1,038.95	1/2	682.84	1/2	340.60	1/2	42.60	1/2		1/2		1/2		1/2	
3/4	1,744.70	3/4	1,388.35	3/4	1,031.51	3/4	675.41	3/4	333.91	3/4	38.58	3/4		3/4		3/4		3/4	
3	1,737.26	3	1,380.90	3	1,024.08	3	667.99	3	327.22	3	34.56	3		3		3		3	
1/4	1,729.81	1/4	1,373.46	1/4	1,016.64	1/4	660.56	1/4	320.53	1/4	30.54	1/4		1/4		1/4		1/4	
1/2	1,722.37	1/2	1,366.01	1/2	1,009.20	1/2	653.14	1/2	313.84	1/2	26.52	1/2		1/2		1/2		1/2	
3/4	1,714.96	3/4	1,358.57	3/4	1,001.77	3/4	645.70	3/4	307.23	3/4	23.72	3/4		3/4		3/4		3/4	
4	1,707.54	4	1,351.12	4	994.35	4	638.25	4	300.62	4	20.93	4		4		4		4	
1/4	1,700.13	1/4	1,343.68	1/4	986.92	1/4	630.81	1/4	294.01	1/4	18.13	1/4		1/4		1/4		1/4	
1/2	1,692.71	1/2	1,336.23	1/2	979.49	1/2	623.37	1/2	287.40	1/2	15.34	1/2		1/2		1/2		1/2	
3/4	1,685.31	3/4	1,328.81	3/4	972.07	3/4	616.08	3/4	280.87	3/4		3/4		3/4		3/4		3/4	
5	1,677.91	5	1,321.39	5	964.65	5	608.79	5	274.34	5		5		5		5		5	
1/4	1,670.50	1/4	1,313.97	1/4	957.23	1/4	601.50	1/4	267.81	1/4		1/4		1/4		1/4		1/4	
1/2	1,663.10	1/2	1,306.55	1/2	949.81	1/2	594.21	1/2	261.28	1/2		1/2		1/2		1/2		1/2	
3/4	1,655.70	3/4	1,299.14	3/4	942.39	3/4	586.97	3/4	254.68	3/4		3/4		3/4		3/4		3/4	
6	1,648.29	6	1,291.73	6	934.97	6	579.74	6	248.09	6		6		6		6		6	
1/4	1,640.89	1/4	1,284.32	1/4	927.55	1/4	572.50	1/4	241.49	1/4		1/4		1/4		1/4		1/4	
1/2	1,633.49	1/2	1,276.91	1/2	920.14	1/2	565.26	1/2	234.89	1/2		1/2		1/2		1/2		1/2	
3/4	1,626.08	3/4	1,269.50	3/4	912.72	3/4	558.03	3/4	228.40	3/4		3/4		3/4		3/4		3/4	
7	1,618.68	7	1,262.08	7	905.30	7	550.79	7	221.91	7		7		7		7		7	
1/4	1,611.27	1/4	1,254.67	1/4	897.88	1/4	543.56	1/4	215.43	1/4		1/4		1/4		1/4		1/4	
1/2	1,603.87	1/2	1,247.26	1/2	890.47	1/2	536.33	1/2	208.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,596.47	3/4	1,239.85	3/4	883.05	3/4	529.10	3/4	202.63	3/4		3/4		3/4		3/4		3/4	
8	1,589.06	8	1,232.44	8	875.63	8	521.87	8	196.33	8		8		8		8		8	
1/4	1,581.66	1/4	1,225.02	1/4	868.21	1/4	514.64	1/4	190.02	1/4		1/4		1/4		1/4		1/4	
1/2	1,574.26	1/2	1,217.61	1/2	860.80	1/2	507.42	1/2	183.72	1/2		1/2		1/2		1/2		1/2	
3/4	1,566.85	3/4	1,210.17	3/4	853.38	3/4	500.23	3/4	177.52	3/4		3/4		3/4		3/4		3/4	
9	1,559.45	9	1,202.74	9	845.96	9	493.05	9	171.33	9		9		9		9		9	
1/4	1,552.05	1/4	1,195.30	1/4	838.54	1/4	485.86	1/4	165.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,544.64	1/2	1,187.86	1/2	831.13	1/2	478.67	1/2	158.94	1/2		1/2		1/2		1/2		1/2	
3/4	1,537.21	3/4	1,180.42	3/4	823.71	3/4	471.56	3/4	152.84	3/4		3/4		3/4		3/4		3/4	
10	1,529.77	10	1,172.97	10	816.30	10	464.45	10	146.74	10		10		10		10		10	
1/4	1,522.34	1/4	1,165.53	1/4	808.88	1/4	457.34	1/4	140.64	1/4		1/4		1/4		1/4		1/4	
1/2	1,514.91	1/2	1,158.08	1/2	801.47	1/2	450.23	1/2	134.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,507.46	3/4	1,150.64	3/4	794.05	3/4	443.36	3/4	128.53	3/4		3/4		3/4		3/4		3/4	
11	1,500.02	11	1,143.19	11	786.64	11	436.48	11	122.52	11		11		11		11		11	
1/4	1,492.57	1/4	1,135.74	1/4	779.22	1/4	429.60	1/4	116.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,485.13	1/2	1,128.30	1/2	771.81	1/2	422.73	1/2	110.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,477.68	3/4	1,120.85	3/4	764.39	3/4	415.83	3/4	104.60	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2014 CL
CALCULATED: 10/09/2014 CL
PRINTED: 10/09/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2014

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "WEB 278"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	5,036.13	0	4,680.36	0	4,323.68	0	3,967.00	0	3,609.64	0	3,252.16	0	2,894.68	0	2,537.20	0	2,179.72		
1/4	1/4	5,028.80	1/4	4,672.93	1/4	4,316.25	1/4	3,959.57	1/4	3,602.19	1/4	3,244.71	1/4	2,887.23	1/4	2,529.75	1/4	2,172.27		
1/2	1/2	5,021.46	1/2	4,665.50	1/2	4,308.82	1/2	3,952.14	1/2	3,594.74	1/2	3,237.26	1/2	2,879.78	1/2	2,522.30	1/2	2,164.82		
3/4	3/4	5,014.12	3/4	4,658.07	3/4	4,301.39	3/4	3,944.71	3/4	3,587.30	3/4	3,229.82	3/4	2,872.34	3/4	2,514.86	3/4	2,157.38		
1	1	5,006.77	1	4,650.64	1	4,293.96	1	3,937.28	1	3,579.85	1	3,222.37	1	2,864.89	1	2,507.41	1	2,149.93		
1/4	1/4	4,999.42	1/4	4,643.21	1/4	4,286.53	1/4	3,929.85	1/4	3,572.40	1/4	3,214.92	1/4	2,857.44	1/4	2,499.96	1/4	2,142.48		
1/2	1/2	4,992.08	1/2	4,635.78	1/2	4,279.10	1/2	3,922.42	1/2	3,564.95	1/2	3,207.47	1/2	2,849.99	1/2	2,492.51	1/2	2,135.03		
3/4	3/4	4,984.72	3/4	4,628.35	3/4	4,271.67	3/4	3,914.98	3/4	3,557.51	3/4	3,200.03	3/4	2,842.55	3/4	2,485.07	3/4	2,127.59		
2	2	4,977.37	2	4,620.91	2	4,264.24	2	3,907.53	2	3,550.06	2	3,192.58	2	2,835.10	2	2,477.62	2	2,120.14		
1/4	1/4	4,970.02	1/4	4,613.48	1/4	4,256.81	1/4	3,900.09	1/4	3,542.61	1/4	3,185.13	1/4	2,827.65	1/4	2,470.17	1/4	2,112.69		
1/2	1/2	4,962.67	1/2	4,606.05	1/2	4,249.37	1/2	3,892.64	1/2	3,535.16	1/2	3,177.68	1/2	2,820.20	1/2	2,462.72	1/2	2,105.24		
3/4	3/4	4,955.25	3/4	4,598.62	3/4	4,241.94	3/4	3,885.20	3/4	3,527.72	3/4	3,170.24	3/4	2,812.76	3/4	2,455.28	3/4	2,097.80		
3	3	4,947.84	3	4,591.19	3	4,234.51	3	3,877.75	3	3,520.27	3	3,162.79	3	2,805.31	3	2,447.83	3	2,090.35		
1/4	1/4	4,940.42	1/4	4,583.76	1/4	4,227.08	1/4	3,870.30	1/4	3,512.82	1/4	3,155.34	1/4	2,797.86	1/4	2,440.38	1/4	2,082.90		
1/2	1/2	4,933.01	1/2	4,576.33	1/2	4,219.65	1/2	3,862.85	1/2	3,505.37	1/2	3,147.89	1/2	2,790.41	1/2	2,432.93	1/2	2,075.45		
3/4	3/4	4,925.58	3/4	4,568.90	3/4	4,212.22	3/4	3,855.41	3/4	3,497.93	3/4	3,140.45	3/4	2,782.97	3/4	2,425.49	3/4	2,068.01		
4	4	4,918.15	4	4,561.47	4	4,204.79	4	3,847.96	4	3,490.48	4	3,133.00	4	2,775.52	4	2,418.04	4	2,060.56		
1/4	1/4	4,910.72	1/4	4,554.04	1/4	4,197.36	1/4	3,840.51	1/4	3,483.03	1/4	3,125.55	1/4	2,768.07	1/4	2,410.59	1/4	2,053.12		
1/2	1/2	4,903.29	1/2	4,546.61	1/2	4,189.93	1/2	3,833.06	1/2	3,475.58	1/2	3,118.10	1/2	2,760.62	1/2	2,403.14	1/2	2,045.67		
3/4	3/4	4,895.85	3/4	4,539.18	3/4	4,182.50	3/4	3,825.62	3/4	3,468.14	3/4	3,110.66	3/4	2,753.18	3/4	2,395.70	3/4	2,038.23		
5	5	4,888.42	5	4,531.75	5	4,175.07	5	3,818.17	5	3,460.69	5	3,103.21	5	2,745.73	5	2,388.25	5	2,030.79		
1/4	1/4	4,880.99	1/4	4,524.31	1/4	4,167.64	1/4	3,810.72	1/4	3,453.24	1/4	3,095.76	1/4	2,738.28	1/4	2,380.80	1/4	2,023.34		
1/2	1/2	5,196.42	1/2	4,873.56	1/2	4,516.88	1/2	4,160.21	1/2	3,803.27	1/2	3,445.79	1/2	3,088.31	1/2	2,730.83	1/2	2,373.35	1/2	2,015.90
3/4	3/4	5,192.52	3/4	4,866.13	3/4	4,509.45	3/4	4,152.77	3/4	3,795.83	3/4	3,438.35	3/4	3,080.87	3/4	2,723.39	3/4	2,365.91	3/4	2,008.46
6	6	5,188.63	6	4,858.70	6	4,502.02	6	4,145.34	6	3,788.38	6	3,430.90	6	3,073.42	6	2,715.94	6	2,358.46	6	2,001.01
1/4	1/4	5,184.73	1/4	4,851.27	1/4	4,494.59	1/4	4,137.91	1/4	3,780.93	1/4	3,423.45	1/4	3,065.97	1/4	2,708.49	1/4	2,351.01	1/4	1,993.57
1/2	1/2	5,180.83	1/2	4,843.84	1/2	4,487.16	1/2	4,130.48	1/2	3,773.48	1/2	3,416.00	1/2	3,058.52	1/2	2,701.04	1/2	2,343.56	1/2	1,986.13
3/4	3/4	5,175.87	3/4	4,836.41	3/4	4,479.73	3/4	4,123.05	3/4	3,766.04	3/4	3,408.56	3/4	3,051.08	3/4	2,693.60	3/4	2,336.12	3/4	1,978.68
7	7	5,170.90	7	4,828.98	7	4,472.30	7	4,115.62	7	3,758.59	7	3,401.11	7	3,043.63	7	2,686.15	7	2,328.67	7	1,971.23
1/4	1/4	5,165.94	1/4	4,821.55	1/4	4,464.87	1/4	4,108.19	1/4	3,751.14	1/4	3,393.66	1/4	3,036.18	1/4	2,678.70	1/4	2,321.22	1/4	1,963.78
1/2	1/2	5,160.98	1/2	4,814.12	1/2	4,457.44	1/2	4,100.76	1/2	3,743.69	1/2	3,386.21	1/2	3,028.73	1/2	2,671.25	1/2	2,313.77	1/2	1,956.34
3/4	3/4	5,154.95	3/4	4,806.68	3/4	4,450.01	3/4	4,093.33	3/4	3,736.25	3/4	3,378.77	3/4	3,021.29	3/4	2,663.81	3/4	2,306.33	3/4	1,948.89
8	8	5,148.93	8	4,799.25	8	4,442.58	8	4,085.90	8	3,728.80	8	3,371.32	8	3,013.84	8	2,656.36	8	2,298.88	8	1,941.44
1/4	1/4	5,142.90	1/4	4,791.82	1/4	4,435.14	1/4	4,078.47	1/4	3,721.35	1/4	3,363.87	1/4	3,006.39	1/4	2,648.91	1/4	2,291.43	1/4	1,934.00
1/2	1/2	5,136.87	1/2	4,784.39	1/2	4,427.71	1/2	4,071.04	1/2	3,713.90	1/2	3,356.42	1/2	2,998.94	1/2	2,641.46	1/2	2,283.98	1/2	1,926.55
3/4	3/4	5,129.93	3/4	4,776.96	3/4	4,420.28	3/4	4,063.60	3/4	3,706.46	3/4	3,348.98	3/4	2,991.50	3/4	2,634.02	3/4	2,276.54	3/4	1,919.10
9	9	5,122.98	9	4,769.53	9	4,412.85	9	4,056.17	9	3,699.01	9	3,341.53	9	2,984.05	9	2,626.57	9	2,269.09	9	1,911.65
1/4	1/4	5,116.03	1/4	4,762.10	1/4	4,405.42	1/4	4,048.74	1/4	3,691.56	1/4	3,334.08	1/4	2,976.60	1/4	2,619.12	1/4	2,261.64	1/4	1,904.21
1/2	1/2	5,109.09	1/2	4,754.67	1/2	4,397.99	1/2	4,041.31	1/2	3,684.11	1/2	3,326.63	1/2	2,969.15	1/2	2,611.67	1/2	2,254.19	1/2	1,896.76
3/4	3/4	5,101.83	3/4	4,747.24	3/4	4,390.56	3/4	4,033.88	3/4	3,676.67	3/4	3,319.19	3/4	2,961.71	3/4	2,604.23	3/4	2,246.75	3/4	1,889.31
10	10	5,094.57	10	4,739.81	10	4,383.13	10	4,026.45	10	3,669.22	10	3,311.74	10	2,954.26	10	2,596.78	10	2,239.30	10	1,881.86
1/4	1/4	5,087.31	1/4	4,732.38	1/4	4,375.70	1/4	4,019.02	1/4	3,661.77	1/4	3,304.29	1/4	2,946.81	1/4	2,589.33	1/4	2,231.85	1/4	1,874.42
1/2	1/2	5,080.05	1/2	4,724.95	1/2	4,368.27	1/2	4,011.59	1/2	3,654.32	1/2	3,296.84	1/2	2,939.36	1/2	2,581.88	1/2	2,224.40	1/2	1,866.97
3/4	3/4	5,072.74	3/4	4,717.52	3/4	4,360.84	3/4	4,004.16	3/4	3,646.88	3/4	3,289.40	3/4	2,931.92	3/4	2,574.44	3/4	2,216.96	3/4	1,859.52
11	11	5,065.42	11	4,710.08	11	4,353.41	11	3,996.73	11	3,639.43	11	3,281.95	11	2,924.47	11	2,566.99	11	2,209.51	11	1,852.07
1/4	1/4	5,058.11	1/4	4,702.65	1/4	4,345.98	1/4	3,989.30	1/4	3,631.98	1/4	3,274.50	1/4	2,917.02	1/4	2,559.54	1/4	2,202.06	1/4	1,844.63
1/2	1/2	5,050.80	1/2	4,695.22	1/2	4,338.54	1/2	3,981.87	1/2	3,624.53	1/2	3,267.05	1/2	2,909.57	1/2	2,552.09	1/2	2,194.61	1/2	1,837.18
3/4	3/4	5,043.46	3/4	4,687.79	3/4	4,331.11	3/4	3,974.44	3/4	3,617.09	3/4	3,259.61	3/4	2,902.13	3/4	2,544.65	3/4	2,187.17	3/4	1,829.73

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 AT 10" DIAMETER HATCH
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "WEB 278"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	1,822.28	0	1,465.72	0	1,108.13	0	755.87	0	409.21	0	98.77	0		0		0		0	
1/4	1,814.84	1/4	1,458.27	1/4	1,100.68	1/4	748.56	1/4	402.32	1/4	92.86	1/4		1/4		1/4		1/4	
1/2	1,807.39	1/2	1,450.82	1/2	1,093.23	1/2	741.24	1/2	395.42	1/2	86.95	1/2		1/2		1/2		1/2	
3/4	1,799.94	3/4	1,443.37	3/4	1,085.78	3/4	733.93	3/4	388.55	3/4	81.15	3/4		3/4		3/4		3/4	
1	1,792.49	1	1,435.92	1	1,078.33	1	726.62	1	381.68	1	75.36	1		1		1		1	
1/4	1,785.05	1/4	1,428.47	1/4	1,070.88	1/4	719.31	1/4	374.82	1/4	69.56	1/4		1/4		1/4		1/4	
1/2	1,777.60	1/2	1,421.02	1/2	1,063.43	1/2	711.99	1/2	367.95	1/2	63.77	1/2		1/2		1/2		1/2	
3/4	1,770.15	3/4	1,413.57	3/4	1,056.06	3/4	704.68	3/4	361.17	3/4	58.48	3/4		3/4		3/4		3/4	
2	1,762.70	2	1,406.12	2	1,048.69	2	697.37	2	354.39	2	53.20	2		2		2		2	
1/4	1,755.26	1/4	1,398.67	1/4	1,041.32	1/4	690.06	1/4	347.61	1/4	47.91	1/4		1/4		1/4		1/4	
1/2	1,747.81	1/2	1,391.23	1/2	1,033.95	1/2	682.75	1/2	340.84	1/2	42.63	1/2		1/2		1/2		1/2	
3/4	1,740.36	3/4	1,383.78	3/4	1,026.61	3/4	675.42	3/4	334.14	3/4	38.61	3/4		3/4		3/4		3/4	
3	1,732.91	3	1,376.33	3	1,019.28	3	668.10	3	327.44	3	34.58	3		3		3		3	
1/4	1,725.47	1/4	1,368.88	1/4	1,011.94	1/4	660.78	1/4	320.75	1/4	30.56	1/4		1/4		1/4		1/4	
1/2	1,718.02	1/2	1,361.43	1/2	1,004.61	1/2	653.46	1/2	314.05	1/2	26.54	1/2		1/2		1/2		1/2	
3/4	1,710.60	3/4	1,353.98	3/4	997.28	3/4	646.04	3/4	307.44	3/4	23.74	3/4		3/4		3/4		3/4	
4	1,703.18	4	1,346.53	4	989.96	4	638.62	4	300.82	4	20.94	4		4		4		4	
1/4	1,695.76	1/4	1,339.08	1/4	982.63	1/4	631.20	1/4	294.21	1/4	18.15	1/4		1/4		1/4		1/4	
1/2	1,688.34	1/2	1,331.63	1/2	975.31	1/2	623.78	1/2	287.59	1/2	15.35	1/2		1/2		1/2		1/2	
3/4	1,680.94	3/4	1,324.18	3/4	967.99	3/4	616.49	3/4	281.06	3/4		3/4		3/4		3/4		3/4	
5	1,673.53	5	1,316.73	5	960.67	5	609.19	5	274.53	5		5		5		5		5	
1/4	1,666.12	1/4	1,309.28	1/4	953.35	1/4	601.89	1/4	267.99	1/4		1/4		1/4		1/4		1/4	
1/2	1,658.71	1/2	1,301.83	1/2	946.03	1/2	594.60	1/2	261.46	1/2		1/2		1/2		1/2		1/2	
3/4	1,651.30	3/4	1,294.38	3/4	938.72	3/4	587.36	3/4	254.86	3/4		3/4		3/4		3/4		3/4	
6	1,643.89	6	1,286.93	6	931.40	6	580.12	6	248.26	6		6		6		6		6	
1/4	1,636.49	1/4	1,279.48	1/4	924.09	1/4	572.88	1/4	241.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,629.08	1/2	1,272.03	1/2	916.77	1/2	565.64	1/2	235.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,621.67	3/4	1,264.58	3/4	909.45	3/4	558.40	3/4	228.56	3/4		3/4		3/4		3/4		3/4	
7	1,614.26	7	1,257.13	7	902.14	7	551.16	7	222.07	7		7		7		7		7	
1/4	1,606.85	1/4	1,249.68	1/4	894.82	1/4	543.92	1/4	215.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,599.44	1/2	1,242.23	1/2	887.51	1/2	536.68	1/2	209.08	1/2		1/2		1/2		1/2		1/2	
3/4	1,592.03	3/4	1,234.78	3/4	880.19	3/4	529.45	3/4	202.77	3/4		3/4		3/4		3/4		3/4	
8	1,584.63	8	1,227.33	8	872.88	8	522.22	8	196.46	8		8		8		8		8	
1/4	1,577.22	1/4	1,219.88	1/4	865.56	1/4	514.99	1/4	190.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,569.81	1/2	1,212.43	1/2	858.25	1/2	507.75	1/2	183.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,562.40	3/4	1,204.98	3/4	850.93	3/4	500.56	3/4	177.65	3/4		3/4		3/4		3/4		3/4	
9	1,554.99	9	1,197.53	9	843.62	9	493.37	9	171.45	9		9		9		9		9	
1/4	1,547.58	1/4	1,190.08	1/4	836.30	1/4	486.18	1/4	165.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,540.17	1/2	1,182.63	1/2	828.99	1/2	478.99	1/2	159.05	1/2		1/2		1/2		1/2		1/2	
3/4	1,532.74	3/4	1,175.18	3/4	821.68	3/4	471.88	3/4	152.95	3/4		3/4		3/4		3/4		3/4	
10	1,525.30	10	1,167.73	10	814.36	10	464.76	10	146.84	10		10		10		10		10	
1/4	1,517.86	1/4	1,160.28	1/4	807.05	1/4	457.65	1/4	140.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,510.42	1/2	1,152.83	1/2	799.74	1/2	450.54	1/2	134.63	1/2		1/2		1/2		1/2		1/2	
3/4	1,502.97	3/4	1,145.38	3/4	792.43	3/4	443.65	3/4	128.62	3/4		3/4		3/4		3/4		3/4	
11	1,495.52	11	1,137.93	11	785.12	11	436.77	11	122.61	11		11		11		11		11	
1/4	1,488.07	1/4	1,130.48	1/4	777.80	1/4	429.89	1/4	116.60	1/4		1/4		1/4		1/4		1/4	
1/2	1,480.62	1/2	1,123.03	1/2	770.49	1/2	423.01	1/2	110.59	1/2		1/2		1/2		1/2		1/2	
3/4	1,473.17	3/4	1,115.58	3/4	763.18	3/4	416.11	3/4	104.68	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/09/2014 CL
CALCULATED: 10/09/2014 CL
PRINTED: 10/09/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 10/2014

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