



# BARGE "WEB 281"

## 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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
1 STBD	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
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"

November 7, 2019

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "WEB 281"

# 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	5,041.23	0	4,685.71	0	4,329.19	0	3,972.67	0	3,615.48	0	3,258.16	0	2,900.84	0	2,543.52	0	2,186.20		
1/4	1/4	5,033.90	1/4	4,678.29	1/4	4,321.77	1/4	3,965.25	1/4	3,608.04	1/4	3,250.72	1/4	2,893.40	1/4	2,536.08	1/4	2,178.75		
1/2	1/2	5,026.57	1/2	4,670.86	1/2	4,314.34	1/2	3,957.82	1/2	3,600.60	1/2	3,243.27	1/2	2,885.95	1/2	2,528.63	1/2	2,171.31		
3/4	3/4	5,019.24	3/4	4,663.43	3/4	4,306.91	3/4	3,950.39	3/4	3,593.15	3/4	3,235.83	3/4	2,878.51	3/4	2,521.19	3/4	2,163.87		
1	1	5,011.90	1	4,656.00	1	4,299.48	1	3,942.96	1	3,585.71	1	3,228.39	1	2,871.06	1	2,513.74	1	2,156.42		
1/4	1/4	5,004.55	1/4	4,648.58	1/4	4,292.06	1/4	3,935.54	1/4	3,578.26	1/4	3,220.94	1/4	2,863.62	1/4	2,506.30	1/4	2,148.98		
1/2	1/2	4,997.21	1/2	4,641.15	1/2	4,284.63	1/2	3,928.11	1/2	3,570.82	1/2	3,213.50	1/2	2,856.18	1/2	2,498.85	1/2	2,141.53		
3/4	3/4	4,989.87	3/4	4,633.72	3/4	4,277.20	3/4	3,920.68	3/4	3,563.37	3/4	3,206.05	3/4	2,848.73	3/4	2,491.41	3/4	2,134.09		
2	2	4,982.52	2	4,626.29	2	4,269.77	2	3,913.24	2	3,555.93	2	3,198.61	2	2,841.29	2	2,483.97	2	2,126.64		
1/4	1/4	4,975.17	1/4	4,618.87	1/4	4,262.35	1/4	3,905.80	1/4	3,548.49	1/4	3,191.16	1/4	2,833.84	1/4	2,476.52	1/4	2,119.20		
1/2	1/2	4,967.82	1/2	4,611.44	1/2	4,254.92	1/2	3,898.36	1/2	3,541.04	1/2	3,183.72	1/2	2,826.40	1/2	2,469.08	1/2	2,111.76		
3/4	3/4	4,960.47	3/4	4,604.01	3/4	4,247.49	3/4	3,890.92	3/4	3,533.60	3/4	3,176.28	3/4	2,818.95	3/4	2,461.63	3/4	2,104.31		
3	3	4,953.06	3	4,596.58	3	4,240.06	3	3,883.48	3	3,526.15	3	3,168.83	3	2,811.51	3	2,454.19	3	2,096.87		
1/4	1/4	4,945.65	1/4	4,589.16	1/4	4,232.64	1/4	3,876.03	1/4	3,518.71	1/4	3,161.39	1/4	2,804.07	1/4	2,446.74	1/4	2,089.42		
1/2	1/2	4,938.23	1/2	4,581.73	1/2	4,225.21	1/2	3,868.59	1/2	3,511.27	1/2	3,153.94	1/2	2,796.62	1/2	2,439.30	1/2	2,081.98		
3/4	3/4	4,930.82	3/4	4,574.30	3/4	4,217.78	3/4	3,861.14	3/4	3,503.82	3/4	3,146.50	3/4	2,789.18	3/4	2,431.86	3/4	2,074.53		
4	4	4,923.39	4	4,566.87	4	4,210.35	4	3,853.70	4	3,496.38	4	3,139.06	4	2,781.73	4	2,424.41	4	2,067.09		
1/4	1/4	4,915.97	1/4	4,559.45	1/4	4,202.93	1/4	3,846.25	1/4	3,488.93	1/4	3,131.61	1/4	2,774.29	1/4	2,416.97	1/4	2,059.65		
1/2	1/2	4,908.54	1/2	4,552.02	1/2	4,195.50	1/2	3,838.81	1/2	3,481.49	1/2	3,124.17	1/2	2,766.85	1/2	2,409.52	1/2	2,052.21		
3/4	3/4	4,901.11	3/4	4,544.59	3/4	4,188.07	3/4	3,831.37	3/4	3,474.04	3/4	3,116.72	3/4	2,759.40	3/4	2,402.08	3/4	2,044.77		
5	5	4,893.68	5	4,537.16	5	4,180.64	5	3,823.92	5	3,466.60	5	3,109.28	5	2,751.96	5	2,394.64	5	2,037.33		
1/4	1/4	4,886.26	1/4	4,529.74	1/4	4,173.22	1/4	3,816.48	1/4	3,459.16	1/4	3,101.83	1/4	2,744.51	1/4	2,387.19	1/4	2,029.89		
1/2	1/2	4,878.83	1/2	4,522.31	1/2	4,165.79	1/2	3,809.03	1/2	3,451.71	1/2	3,094.39	1/2	2,737.07	1/2	2,379.75	1/2	2,022.45		
3/4	3/4	5,194.12	3/4	4,871.40	3/4	4,514.88	3/4	4,158.36	3/4	3,801.59	3/4	3,444.27	3/4	3,086.95	3/4	2,729.62	3/4	2,372.30	3/4	2,015.01
6	6	5,190.22	6	4,863.97	6	4,507.45	6	4,150.93	6	3,794.15	6	3,436.82	6	3,079.50	6	2,722.18	6	2,364.86	6	2,007.57
1/4	1/4	5,186.33	1/4	4,856.55	1/4	4,500.03	1/4	4,143.51	1/4	3,786.70	1/4	3,429.38	1/4	3,072.06	1/4	2,714.74	1/4	2,357.41	1/4	2,000.13
1/2	1/2	5,182.43	1/2	4,849.12	1/2	4,492.60	1/2	4,136.08	1/2	3,779.26	1/2	3,421.94	1/2	3,064.61	1/2	2,707.29	1/2	2,349.97	1/2	1,992.69
3/4	3/4	5,178.53	3/4	4,841.69	3/4	4,485.17	3/4	4,128.65	3/4	3,771.81	3/4	3,414.49	3/4	3,057.17	3/4	2,699.85	3/4	2,342.53	3/4	1,985.25
7	7	5,173.57	7	4,834.26	7	4,477.74	7	4,121.22	7	3,764.37	7	3,407.05	7	3,049.73	7	2,692.40	7	2,335.08	7	1,977.80
1/4	1/4	5,168.61	1/4	4,826.84	1/4	4,470.32	1/4	4,113.80	1/4	3,756.92	1/4	3,399.60	1/4	3,042.28	1/4	2,684.96	1/4	2,327.64	1/4	1,970.36
1/2	1/2	5,163.65	1/2	4,819.41	1/2	4,462.89	1/2	4,106.37	1/2	3,749.48	1/2	3,392.16	1/2	3,034.84	1/2	2,677.52	1/2	2,320.19	1/2	1,962.91
3/4	3/4	5,158.69	3/4	4,811.98	3/4	4,455.46	3/4	4,098.94	3/4	3,742.04	3/4	3,384.71	3/4	3,027.39	3/4	2,670.07	3/4	2,312.75	3/4	1,955.47
8	8	5,152.67	8	4,804.55	8	4,448.03	8	4,091.51	8	3,734.59	8	3,377.27	8	3,019.95	8	2,662.63	8	2,305.31	8	1,948.03
1/4	1/4	5,146.64	1/4	4,797.13	1/4	4,440.61	1/4	4,084.09	1/4	3,727.15	1/4	3,369.83	1/4	3,012.50	1/4	2,655.18	1/4	2,297.86	1/4	1,940.58
1/2	1/2	5,140.62	1/2	4,789.70	1/2	4,433.18	1/2	4,076.66	1/2	3,719.70	1/2	3,362.38	1/2	3,005.06	1/2	2,647.74	1/2	2,290.42	1/2	1,933.14
3/4	3/4	5,134.60	3/4	4,782.27	3/4	4,425.75	3/4	4,069.23	3/4	3,712.26	3/4	3,354.94	3/4	2,997.62	3/4	2,640.29	3/4	2,282.97	3/4	1,925.69
9	9	5,127.65	9	4,774.84	9	4,418.32	9	4,061.80	9	3,704.81	9	3,347.49	9	2,990.17	9	2,632.85	9	2,275.53	9	1,918.25
1/4	1/4	5,120.71	1/4	4,767.42	1/4	4,410.90	1/4	4,054.38	1/4	3,697.37	1/4	3,340.05	1/4	2,982.73	1/4	2,625.41	1/4	2,268.08	1/4	1,910.81
1/2	1/2	5,113.77	1/2	4,759.99	1/2	4,403.47	1/2	4,046.95	1/2	3,689.93	1/2	3,332.60	1/2	2,975.28	1/2	2,617.96	1/2	2,260.64	1/2	1,903.36
3/4	3/4	5,106.82	3/4	4,752.56	3/4	4,396.04	3/4	4,039.52	3/4	3,682.48	3/4	3,325.16	3/4	2,967.84	3/4	2,610.52	3/4	2,253.20	3/4	1,895.92
10	10	5,099.57	10	4,745.13	10	4,388.61	10	4,032.09	10	3,675.04	10	3,317.72	10	2,960.39	10	2,603.07	10	2,245.75	10	1,888.47
1/4	1/4	5,092.31	1/4	4,737.71	1/4	4,381.19	1/4	4,024.67	1/4	3,667.59	1/4	3,310.27	1/4	2,952.95	1/4	2,595.63	1/4	2,238.31	1/4	1,881.03
1/2	1/2	5,085.05	1/2	4,730.28	1/2	4,373.76	1/2	4,017.24	1/2	3,660.15	1/2	3,302.83	1/2	2,945.51	1/2	2,588.18	1/2	2,230.86	1/2	1,873.59
3/4	3/4	5,077.80	3/4	4,722.85	3/4	4,366.33	3/4	4,009.81	3/4	3,652.71	3/4	3,295.38	3/4	2,938.06	3/4	2,580.74	3/4	2,223.42	3/4	1,866.14
11	11	5,070.49	11	4,715.42	11	4,358.90	11	4,002.38	11	3,645.26	11	3,287.94	11	2,930.62	11	2,573.30	11	2,215.97	11	1,858.70
1/4	1/4	5,063.18	1/4	4,708.00	1/4	4,351.48	1/4	3,994.96	1/4	3,637.82	1/4	3,280.50	1/4	2,923.17	1/4	2,565.85	1/4	2,208.53	1/4	1,851.25
1/2	1/2	5,055.87	1/2	4,700.57	1/2	4,344.05	1/2	3,987.53	1/2	3,630.37	1/2	3,273.05	1/2	2,915.73	1/2	2,558.41	1/2	2,201.09	1/2	1,843.81
3/4	3/4	5,048.56	3/4	4,693.14	3/4	4,336.62	3/4	3,980.10	3/4	3,622.93	3/4	3,265.61	3/4	2,908.29	3/4	2,550.96	3/4	2,193.64	3/4	1,836.36

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'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "WEB 281"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 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	1,828.92	0	1,472.52	0	1,115.08	0	762.84	0	415.93	0	104.63	0		0		0		0	
1/4	1,821.48	1/4	1,465.07	1/4	1,107.64	1/4	755.53	1/4	409.03	1/4	98.72	1/4		1/4		1/4		1/4	
1/2	1,814.03	1/2	1,457.63	1/2	1,100.19	1/2	748.22	1/2	402.14	1/2	92.82	1/2		1/2		1/2		1/2	
3/4	1,806.59	3/4	1,450.18	3/4	1,092.74	3/4	740.91	3/4	395.24	3/4	86.91	3/4		3/4		3/4		3/4	
1	1,799.14	1	1,442.73	1	1,085.30	1	733.61	1	388.38	1	81.12	1		1		1		1	
1/4	1,791.70	1/4	1,435.29	1/4	1,077.85	1/4	726.30	1/4	381.52	1/4	75.32	1/4		1/4		1/4		1/4	
1/2	1,784.25	1/2	1,427.84	1/2	1,070.40	1/2	718.99	1/2	374.65	1/2	69.53	1/2		1/2		1/2		1/2	
3/4	1,776.81	3/4	1,420.39	3/4	1,062.96	3/4	711.68	3/4	367.79	3/4	63.74	3/4		3/4		3/4		3/4	
2	1,769.37	2	1,412.95	2	1,055.59	2	704.37	2	361.01	2	58.46	2		2		2		2	
1/4	1,761.92	1/4	1,405.50	1/4	1,048.22	1/4	697.06	1/4	354.24	1/4	53.17	1/4		1/4		1/4		1/4	
1/2	1,754.48	1/2	1,398.06	1/2	1,040.86	1/2	689.75	1/2	347.46	1/2	47.89	1/2		1/2		1/2		1/2	
3/4	1,747.03	3/4	1,390.61	3/4	1,033.49	3/4	682.44	3/4	340.68	3/4	42.61	3/4		3/4		3/4		3/4	
3	1,739.59	3	1,383.16	3	1,026.16	3	675.12	3	333.99	3	38.59	3		3		3		3	
1/4	1,732.15	1/4	1,375.72	1/4	1,018.83	1/4	667.81	1/4	327.30	1/4	34.57	1/4		1/4		1/4		1/4	
1/2	1,724.70	1/2	1,368.27	1/2	1,011.50	1/2	660.49	1/2	320.61	1/2	30.55	1/2		1/2		1/2		1/2	
3/4	1,717.26	3/4	1,360.82	3/4	1,004.16	3/4	653.17	3/4	313.92	3/4	26.52	3/4		3/4		3/4		3/4	
4	1,709.84	4	1,353.38	4	996.84	4	645.75	4	307.30	4	23.73	4		4		4		4	
1/4	1,702.43	1/4	1,345.93	1/4	989.52	1/4	638.34	1/4	300.69	1/4	20.93	1/4		1/4		1/4		1/4	
1/2	1,695.01	1/2	1,338.48	1/2	982.20	1/2	630.92	1/2	294.08	1/2	18.14	1/2		1/2		1/2		1/2	
3/4	1,687.60	3/4	1,331.04	3/4	974.88	3/4	623.50	3/4	287.47	3/4	15.34	3/4		3/4		3/4		3/4	
5	1,680.19	5	1,323.59	5	967.56	5	616.21	5	280.93	5		5		5		5		5	
1/4	1,672.79	1/4	1,316.14	1/4	960.25	1/4	608.92	1/4	274.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,665.38	1/2	1,308.70	1/2	952.93	1/2	601.63	1/2	267.87	1/2		1/2		1/2		1/2		1/2	
3/4	1,657.98	3/4	1,301.25	3/4	945.61	3/4	594.34	3/4	261.34	3/4		3/4		3/4		3/4		3/4	
6	1,650.57	6	1,293.81	6	938.30	6	587.10	6	254.74	6		6		6		6		6	
1/4	1,643.17	1/4	1,286.36	1/4	930.99	1/4	579.86	1/4	248.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,635.76	1/2	1,278.91	1/2	923.68	1/2	572.62	1/2	241.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,628.35	3/4	1,271.47	3/4	916.36	3/4	565.39	3/4	234.95	3/4		3/4		3/4		3/4		3/4	
7	1,620.95	7	1,264.02	7	909.05	7	558.15	7	228.46	7		7		7		7		7	
1/4	1,613.54	1/4	1,256.57	1/4	901.74	1/4	550.91	1/4	221.97	1/4		1/4		1/4		1/4		1/4	
1/2	1,606.14	1/2	1,249.13	1/2	894.43	1/2	543.68	1/2	215.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,598.73	3/4	1,241.68	3/4	887.12	3/4	536.44	3/4	208.99	3/4		3/4		3/4		3/4		3/4	
8	1,591.33	8	1,234.23	8	879.80	8	529.21	8	202.68	8		8		8		8		8	
1/4	1,583.92	1/4	1,226.79	1/4	872.49	1/4	521.99	1/4	196.38	1/4		1/4		1/4		1/4		1/4	
1/2	1,576.52	1/2	1,219.34	1/2	865.18	1/2	514.76	1/2	190.07	1/2		1/2		1/2		1/2		1/2	
3/4	1,569.11	3/4	1,211.89	3/4	857.87	3/4	507.53	3/4	183.76	3/4		3/4		3/4		3/4		3/4	
9	1,561.71	9	1,204.45	9	850.56	9	500.34	9	177.57	9		9		9		9		9	
1/4	1,554.30	1/4	1,197.00	1/4	843.25	1/4	493.16	1/4	171.37	1/4		1/4		1/4		1/4		1/4	
1/2	1,546.90	1/2	1,189.55	1/2	835.93	1/2	485.97	1/2	165.18	1/2		1/2		1/2		1/2		1/2	
3/4	1,539.49	3/4	1,182.11	3/4	828.62	3/4	478.78	3/4	158.98	3/4		3/4		3/4		3/4		3/4	
10	1,532.06	10	1,174.66	10	821.31	10	471.67	10	152.88	10		10		10		10		10	
1/4	1,524.62	1/4	1,167.21	1/4	814.00	1/4	464.56	1/4	146.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,517.19	1/2	1,159.77	1/2	806.69	1/2	457.45	1/2	140.67	1/2		1/2		1/2		1/2		1/2	
3/4	1,509.75	3/4	1,152.32	3/4	799.38	3/4	450.34	3/4	134.57	3/4		3/4		3/4		3/4		3/4	
11	1,502.30	11	1,144.87	11	792.08	11	443.46	11	128.56	11		11		11		11		11	
1/4	1,494.86	1/4	1,137.43	1/4	784.77	1/4	436.58	1/4	122.55	1/4		1/4		1/4		1/4		1/4	
1/2	1,487.41	1/2	1,129.98	1/2	777.46	1/2	429.70	1/2	116.54	1/2		1/2		1/2		1/2		1/2	
3/4	1,479.97	3/4	1,122.53	3/4	770.15	3/4	422.82	3/4	110.54	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2019 CL  
CALCULATED: 11/07/2019 CL  
PRINTED: 11/07/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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



# BARGE "WEB 281"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

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	5,054.98	0	4,699.48	0	4,342.86	0	3,986.24	0	3,628.97	0	3,271.56	0	2,914.14	0	2,556.72	0	2,199.30		
1/4	1/4	5,047.65	1/4	4,692.05	1/4	4,335.43	1/4	3,978.81	1/4	3,621.53	1/4	3,264.11	1/4	2,906.69	1/4	2,549.27	1/4	2,191.86		
1/2	1/2	5,040.32	1/2	4,684.62	1/2	4,328.00	1/2	3,971.38	1/2	3,614.08	1/2	3,256.66	1/2	2,899.25	1/2	2,541.83	1/2	2,184.41		
3/4	3/4	5,032.99	3/4	4,677.19	3/4	4,320.57	3/4	3,963.95	3/4	3,606.63	3/4	3,249.22	3/4	2,891.80	3/4	2,534.38	3/4	2,176.96		
1	1	5,025.65	1	4,669.76	1	4,313.14	1	3,956.52	1	3,599.19	1	3,241.77	1	2,884.35	1	2,526.94	1	2,169.52		
1/4	1/4	5,018.31	1/4	4,662.33	1/4	4,305.71	1/4	3,949.09	1/4	3,591.74	1/4	3,234.32	1/4	2,876.91	1/4	2,519.49	1/4	2,162.07		
1/2	1/2	5,010.96	1/2	4,654.90	1/2	4,298.28	1/2	3,941.66	1/2	3,584.30	1/2	3,226.88	1/2	2,869.46	1/2	2,512.04	1/2	2,154.63		
3/4	3/4	5,003.62	3/4	4,647.47	3/4	4,290.85	3/4	3,934.23	3/4	3,576.85	3/4	3,219.43	3/4	2,862.01	3/4	2,504.60	3/4	2,147.18		
2	2	4,996.27	2	4,640.04	2	4,283.42	2	3,926.80	2	3,569.40	2	3,211.99	2	2,854.57	2	2,497.15	2	2,139.73		
1/4	1/4	4,988.92	1/4	4,632.61	1/4	4,275.99	1/4	3,919.36	1/4	3,561.96	1/4	3,204.54	1/4	2,847.12	1/4	2,489.70	1/4	2,132.29		
1/2	1/2	4,981.57	1/2	4,625.18	1/2	4,268.56	1/2	3,911.92	1/2	3,554.51	1/2	3,197.09	1/2	2,839.68	1/2	2,482.26	1/2	2,124.84		
3/4	3/4	4,974.22	3/4	4,617.75	3/4	4,261.13	3/4	3,904.48	3/4	3,547.06	3/4	3,189.65	3/4	2,832.23	3/4	2,474.81	3/4	2,117.39		
3	3	4,966.86	3	4,610.32	3	4,253.70	3	3,897.04	3	3,539.62	3	3,182.20	3	2,824.78	3	2,467.37	3	2,109.95		
1/4	1/4	4,959.45	1/4	4,602.89	1/4	4,246.27	1/4	3,889.59	1/4	3,532.17	1/4	3,174.75	1/4	2,817.34	1/4	2,459.92	1/4	2,102.50		
1/2	1/2	4,952.04	1/2	4,595.46	1/2	4,238.84	1/2	3,882.14	1/2	3,524.73	1/2	3,167.31	1/2	2,809.89	1/2	2,452.47	1/2	2,095.06		
3/4	3/4	4,944.63	3/4	4,588.03	3/4	4,231.41	3/4	3,874.70	3/4	3,517.28	3/4	3,159.86	3/4	2,802.44	3/4	2,445.03	3/4	2,087.61		
4	4	4,937.23	4	4,580.60	4	4,223.98	4	3,867.25	4	3,509.83	4	3,152.42	4	2,795.00	4	2,437.58	4	2,080.16		
1/4	1/4	4,929.80	1/4	4,573.17	1/4	4,216.55	1/4	3,859.81	1/4	3,502.39	1/4	3,144.97	1/4	2,787.55	1/4	2,430.13	1/4	2,072.72		
1/2	1/2	4,922.37	1/2	4,565.75	1/2	4,209.12	1/2	3,852.36	1/2	3,494.94	1/2	3,137.52	1/2	2,780.11	1/2	2,422.69	1/2	2,065.28		
3/4	3/4	4,914.94	3/4	4,558.32	3/4	4,201.69	3/4	3,844.91	3/4	3,487.50	3/4	3,130.08	3/4	2,772.66	3/4	2,415.24	3/4	2,057.83		
5	5	4,907.51	5	4,550.89	5	4,194.27	5	3,837.47	5	3,480.05	5	3,122.63	5	2,765.21	5	2,407.80	5	2,050.39		
1/4	1/4	4,900.08	1/4	4,543.46	1/4	4,186.84	1/4	3,830.02	1/4	3,472.60	1/4	3,115.19	1/4	2,757.77	1/4	2,400.35	1/4	2,042.95		
1/2	1/2	4,892.65	1/2	4,536.03	1/2	4,179.41	1/2	3,822.57	1/2	3,465.16	1/2	3,107.74	1/2	2,750.32	1/2	2,392.90	1/2	2,035.50		
3/4	3/4	4,885.22	3/4	4,528.60	3/4	4,171.98	3/4	3,815.13	3/4	3,457.71	3/4	3,100.29	3/4	2,742.88	3/4	2,385.46	3/4	2,028.06		
6	6	5,200.59	6	4,877.79	6	4,521.17	6	4,164.55	6	3,807.68	6	3,450.26	6	3,092.85	6	2,735.43	6	2,378.01	6	2,020.62
1/4	1/4	5,196.69	1/4	4,870.36	1/4	4,513.74	1/4	4,157.12	1/4	3,800.24	1/4	3,442.82	1/4	3,085.40	1/4	2,727.98	1/4	2,370.57	1/4	2,013.18
1/2	1/2	5,192.79	1/2	4,862.93	1/2	4,506.31	1/2	4,149.69	1/2	3,792.79	1/2	3,435.37	1/2	3,077.95	1/2	2,720.54	1/2	2,363.12	1/2	2,005.74
3/4	3/4	5,188.89	3/4	4,855.50	3/4	4,498.88	3/4	4,142.26	3/4	3,785.34	3/4	3,427.93	3/4	3,070.51	3/4	2,713.09	3/4	2,355.67	3/4	1,998.29
7	7	5,184.99	7	4,848.07	7	4,491.45	7	4,134.83	7	3,777.90	7	3,420.48	7	3,063.06	7	2,705.64	7	2,348.23	7	1,990.85
1/4	1/4	5,180.03	1/4	4,840.64	1/4	4,484.02	1/4	4,127.40	1/4	3,770.45	1/4	3,413.03	1/4	3,055.62	1/4	2,698.20	1/4	2,340.78	1/4	1,983.40
1/2	1/2	5,175.07	1/2	4,833.21	1/2	4,476.59	1/2	4,119.97	1/2	3,763.00	1/2	3,405.59	1/2	3,048.17	1/2	2,690.75	1/2	2,333.33	1/2	1,975.96
3/4	3/4	5,170.11	3/4	4,825.78	3/4	4,469.16	3/4	4,112.54	3/4	3,755.56	3/4	3,398.14	3/4	3,040.72	3/4	2,683.31	3/4	2,325.89	3/4	1,968.51
8	8	5,165.15	8	4,818.35	8	4,461.73	8	4,105.11	8	3,748.11	8	3,390.69	8	3,033.28	8	2,675.86	8	2,318.44	8	1,961.07
1/4	1/4	5,159.12	1/4	4,810.92	1/4	4,454.30	1/4	4,097.68	1/4	3,740.67	1/4	3,383.25	1/4	3,025.83	1/4	2,668.41	1/4	2,311.00	1/4	1,953.62
1/2	1/2	5,153.09	1/2	4,803.49	1/2	4,446.87	1/2	4,090.25	1/2	3,733.22	1/2	3,375.80	1/2	3,018.38	1/2	2,660.97	1/2	2,303.55	1/2	1,946.17
3/4	3/4	5,147.07	3/4	4,796.06	3/4	4,439.44	3/4	4,082.82	3/4	3,725.77	3/4	3,368.36	3/4	3,010.94	3/4	2,653.52	3/4	2,296.10	3/4	1,938.73
9	9	5,141.04	9	4,788.63	9	4,432.01	9	4,075.39	9	3,718.33	9	3,360.91	9	3,003.49	9	2,646.07	9	2,288.66	9	1,931.28
1/4	1/4	5,134.10	1/4	4,781.20	1/4	4,424.58	1/4	4,067.96	1/4	3,710.88	1/4	3,353.46	1/4	2,996.05	1/4	2,638.63	1/4	2,281.21	1/4	1,923.84
1/2	1/2	5,127.15	1/2	4,773.77	1/2	4,417.15	1/2	4,060.53	1/2	3,703.44	1/2	3,346.02	1/2	2,988.60	1/2	2,631.18	1/2	2,273.76	1/2	1,916.39
3/4	3/4	5,120.21	3/4	4,766.34	3/4	4,409.72	3/4	4,053.10	3/4	3,695.99	3/4	3,338.57	3/4	2,981.15	3/4	2,623.74	3/4	2,266.32	3/4	1,908.94
10	10	5,113.26	10	4,758.91	10	4,402.29	10	4,045.67	10	3,688.54	10	3,331.13	10	2,973.71	10	2,616.29	10	2,258.87	10	1,901.50
1/4	1/4	5,106.00	1/4	4,751.49	1/4	4,394.86	1/4	4,038.24	1/4	3,681.10	1/4	3,323.68	1/4	2,966.26	1/4	2,608.84	1/4	2,251.43	1/4	1,894.05
1/2	1/2	5,098.74	1/2	4,744.06	1/2	4,387.43	1/2	4,030.81	1/2	3,673.65	1/2	3,316.23	1/2	2,958.82	1/2	2,601.40	1/2	2,243.98	1/2	1,886.61
3/4	3/4	5,091.49	3/4	4,736.63	3/4	4,380.01	3/4	4,023.38	3/4	3,666.20	3/4	3,308.79	3/4	2,951.37	3/4	2,593.95	3/4	2,236.53	3/4	1,879.16
11	11	5,084.23	11	4,729.20	11	4,372.58	11	4,015.95	11	3,658.76	11	3,301.34	11	2,943.92	11	2,586.51	11	2,229.09	11	1,871.71
1/4	1/4	5,076.92	1/4	4,721.77	1/4	4,365.15	1/4	4,008.53	1/4	3,651.31	1/4	3,293.89	1/4	2,936.48	1/4	2,579.06	1/4	2,221.64	1/4	1,864.27
1/2	1/2	5,069.60	1/2	4,714.34	1/2	4,357.72	1/2	4,001.10	1/2	3,643.87	1/2	3,286.45	1/2	2,929.03	1/2	2,571.61	1/2	2,214.20	1/2	1,856.82
3/4	3/4	5,062.29	3/4	4,706.91	3/4	4,350.29	3/4	3,993.67	3/4	3,636.42	3/4	3,279.00	3/4	2,921.58	3/4	2,564.17	3/4	2,206.75	3/4	1,849.37

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'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "WEB 281"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

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	1,841.93	0	1,485.49	0	1,128.58	0	772.00	0	422.83	0	110.53	0		0		0		0	
1/4	1,834.48	1/4	1,478.05	1/4	1,121.13	1/4	764.58	1/4	415.94	1/4	104.63	1/4		1/4		1/4		1/4	
1/2	1,827.04	1/2	1,470.60	1/2	1,113.68	1/2	757.17	1/2	409.04	1/2	98.72	1/2		1/2		1/2		1/2	
3/4	1,819.59	3/4	1,463.15	3/4	1,106.23	3/4	749.75	3/4	402.14	3/4	92.81	3/4		3/4		3/4		3/4	
1	1,812.14	1	1,455.71	1	1,098.79	1	742.33	1	395.25	1	86.91	1		1		1		1	
1/4	1,804.70	1/4	1,448.26	1/4	1,091.34	1/4	734.92	1/4	388.38	1/4	81.11	1/4		1/4		1/4		1/4	
1/2	1,797.25	1/2	1,440.81	1/2	1,083.89	1/2	727.50	1/2	381.52	1/2	75.32	1/2		1/2		1/2		1/2	
3/4	1,789.81	3/4	1,433.37	3/4	1,076.44	3/4	720.08	3/4	374.66	3/4	69.53	3/4		3/4		3/4		3/4	
2	1,782.36	2	1,425.92	2	1,069.00	2	712.67	2	367.79	2	63.74	2		2		2		2	
1/4	1,774.91	1/4	1,418.47	1/4	1,061.55	1/4	705.25	1/4	361.02	1/4	58.45	1/4		1/4		1/4		1/4	
1/2	1,767.47	1/2	1,411.03	1/2	1,054.10	1/2	697.84	1/2	354.24	1/2	53.17	1/2		1/2		1/2		1/2	
3/4	1,760.02	3/4	1,403.58	3/4	1,046.65	3/4	690.42	3/4	347.46	3/4	47.89	3/4		3/4		3/4		3/4	
3	1,752.58	3	1,396.13	3	1,039.21	3	683.00	3	340.69	3	42.61	3		3		3		3	
1/4	1,745.13	1/4	1,388.69	1/4	1,031.77	1/4	675.58	1/4	333.99	1/4	38.59	1/4		1/4		1/4		1/4	
1/2	1,737.68	1/2	1,381.24	1/2	1,024.33	1/2	668.15	1/2	327.30	1/2	34.57	1/2		1/2		1/2		1/2	
3/4	1,730.24	3/4	1,373.79	3/4	1,016.89	3/4	660.72	3/4	320.61	3/4	30.55	3/4		3/4		3/4		3/4	
4	1,722.79	4	1,366.35	4	1,009.45	4	653.30	4	313.92	4	26.52	4		4		4		4	
1/4	1,715.38	1/4	1,358.90	1/4	1,002.02	1/4	645.85	1/4	307.30	1/4	23.73	1/4		1/4		1/4		1/4	
1/2	1,707.96	1/2	1,351.45	1/2	994.59	1/2	638.41	1/2	300.69	1/2	20.93	1/2		1/2		1/2		1/2	
3/4	1,700.54	3/4	1,344.01	3/4	987.16	3/4	630.97	3/4	294.08	3/4	18.14	3/4		3/4		3/4		3/4	
5	1,693.13	5	1,336.56	5	979.73	5	623.53	5	287.47	5	15.34	5		5		5		5	
1/4	1,685.72	1/4	1,329.14	1/4	972.31	1/4	616.23	1/4	280.94	1/4		1/4		1/4		1/4		1/4	
1/2	1,678.32	1/2	1,321.72	1/2	964.89	1/2	608.94	1/2	274.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,670.91	3/4	1,314.30	3/4	957.46	3/4	601.65	3/4	267.87	3/4		3/4		3/4		3/4		3/4	
6	1,663.51	6	1,306.87	6	950.04	6	594.35	6	261.34	6		6		6		6		6	
1/4	1,656.10	1/4	1,299.46	1/4	942.62	1/4	587.12	1/4	254.74	1/4		1/4		1/4		1/4		1/4	
1/2	1,648.70	1/2	1,292.05	1/2	935.20	1/2	579.88	1/2	248.15	1/2		1/2		1/2		1/2		1/2	
3/4	1,641.29	3/4	1,284.63	3/4	927.78	3/4	572.64	3/4	241.55	3/4		3/4		3/4		3/4		3/4	
7	1,633.89	7	1,277.22	7	920.36	7	565.40	7	234.95	7		7		7		7		7	
1/4	1,626.48	1/4	1,269.81	1/4	912.94	1/4	558.17	1/4	228.46	1/4		1/4		1/4		1/4		1/4	
1/2	1,619.07	1/2	1,262.39	1/2	905.52	1/2	550.93	1/2	221.97	1/2		1/2		1/2		1/2		1/2	
3/4	1,611.67	3/4	1,254.98	3/4	898.10	3/4	543.69	3/4	215.48	3/4		3/4		3/4		3/4		3/4	
8	1,604.26	8	1,247.57	8	890.68	8	536.46	8	208.99	8		8		8		8		8	
1/4	1,596.86	1/4	1,240.15	1/4	883.26	1/4	529.23	1/4	202.68	1/4		1/4		1/4		1/4		1/4	
1/2	1,589.45	1/2	1,232.74	1/2	875.85	1/2	522.00	1/2	196.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,582.05	3/4	1,225.32	3/4	868.43	3/4	514.77	3/4	190.07	3/4		3/4		3/4		3/4		3/4	
9	1,574.64	9	1,217.91	9	861.01	9	507.54	9	183.76	9		9		9		9		9	
1/4	1,567.24	1/4	1,210.47	1/4	853.59	1/4	500.35	1/4	177.57	1/4		1/4		1/4		1/4		1/4	
1/2	1,559.83	1/2	1,203.03	1/2	846.17	1/2	493.17	1/2	171.37	1/2		1/2		1/2		1/2		1/2	
3/4	1,552.43	3/4	1,195.59	3/4	838.75	3/4	485.98	3/4	165.18	3/4		3/4		3/4		3/4		3/4	
10	1,545.02	10	1,188.15	10	831.33	10	478.79	10	158.98	10		10		10		10		10	
1/4	1,537.58	1/4	1,180.71	1/4	823.91	1/4	471.68	1/4	152.88	1/4		1/4		1/4		1/4		1/4	
1/2	1,530.15	1/2	1,173.26	1/2	816.50	1/2	464.57	1/2	146.77	1/2		1/2		1/2		1/2		1/2	
3/4	1,522.71	3/4	1,165.81	3/4	809.08	3/4	457.46	3/4	140.67	3/4		3/4		3/4		3/4		3/4	
11	1,515.28	11	1,158.36	11	801.66	11	450.34	11	134.57	11		11		11		11		11	
1/4	1,507.83	1/4	1,150.92	1/4	794.25	1/4	443.47	1/4	128.56	1/4		1/4		1/4		1/4		1/4	
1/2	1,500.38	1/2	1,143.47	1/2	786.83	1/2	436.59	1/2	122.55	1/2		1/2		1/2		1/2		1/2	
3/4	1,492.94	3/4	1,136.02	3/4	779.41	3/4	429.71	3/4	116.54	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2019 CL  
CALCULATED: 11/07/2019 CL  
PRINTED: 11/07/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "WEB 281"

## 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	5,099.38	0	4,742.72	0	4,385.14	0	4,027.56	0	3,669.31	0	3,310.93	0	2,952.55	0	2,594.17	0	2,235.80		
1/4	1/4	5,092.03	1/4	4,735.28	1/4	4,377.69	1/4	4,020.11	1/4	3,661.84	1/4	3,303.46	1/4	2,945.09	1/4	2,586.71	1/4	2,228.33		
1/2	1/2	5,084.68	1/2	4,727.83	1/2	4,370.24	1/2	4,012.66	1/2	3,654.38	1/2	3,296.00	1/2	2,937.62	1/2	2,579.24	1/2	2,220.86		
3/4	3/4	5,077.31	3/4	4,720.38	3/4	4,362.80	3/4	4,005.21	3/4	3,646.91	3/4	3,288.53	3/4	2,930.15	3/4	2,571.78	3/4	2,213.40		
1	1	5,069.95	1	4,712.93	1	4,355.35	1	3,997.76	1	3,639.44	1	3,281.07	1	2,922.69	1	2,564.31	1	2,205.93		
1/4	1/4	5,062.58	1/4	4,705.48	1/4	4,347.90	1/4	3,990.32	1/4	3,631.98	1/4	3,273.60	1/4	2,915.22	1/4	2,556.84	1/4	2,198.47		
1/2	1/2	5,055.22	1/2	4,698.03	1/2	4,340.45	1/2	3,982.87	1/2	3,624.51	1/2	3,266.13	1/2	2,907.76	1/2	2,549.38	1/2	2,191.00		
3/4	3/4	5,047.84	3/4	4,690.58	3/4	4,333.00	3/4	3,975.41	3/4	3,617.04	3/4	3,258.67	3/4	2,900.29	3/4	2,541.91	3/4	2,183.53		
2	2	5,040.47	2	4,683.13	2	4,325.55	2	3,967.94	2	3,609.58	2	3,251.20	2	2,892.82	2	2,534.45	2	2,176.07		
1/4	1/4	5,033.10	1/4	4,675.68	1/4	4,318.10	1/4	3,960.48	1/4	3,602.11	1/4	3,243.73	1/4	2,885.36	1/4	2,526.98	1/4	2,168.60		
1/2	1/2	5,025.73	1/2	4,668.23	1/2	4,310.65	1/2	3,953.02	1/2	3,594.65	1/2	3,236.27	1/2	2,877.89	1/2	2,519.51	1/2	2,161.14		
3/4	3/4	5,018.30	3/4	4,660.78	3/4	4,303.20	3/4	3,945.56	3/4	3,587.18	3/4	3,228.80	3/4	2,870.42	3/4	2,512.05	3/4	2,153.67		
3	3	5,010.87	3	4,653.33	3	4,295.75	3	3,938.09	3	3,579.71	3	3,221.34	3	2,862.96	3	2,504.58	3	2,146.20		
1/4	1/4	5,003.44	1/4	4,645.88	1/4	4,288.30	1/4	3,930.62	1/4	3,572.25	1/4	3,213.87	1/4	2,855.49	1/4	2,497.11	1/4	2,138.74		
1/2	1/2	4,996.01	1/2	4,638.43	1/2	4,280.85	1/2	3,923.16	1/2	3,564.78	1/2	3,206.40	1/2	2,848.03	1/2	2,489.65	1/2	2,131.27		
3/4	3/4	4,988.56	3/4	4,630.98	3/4	4,273.40	3/4	3,915.69	3/4	3,557.31	3/4	3,198.94	3/4	2,840.56	3/4	2,482.18	3/4	2,123.81		
4	4	4,981.11	4	4,623.53	4	4,265.95	4	3,908.23	4	3,549.85	4	3,191.47	4	2,833.09	4	2,474.72	4	2,116.34		
1/4	1/4	4,973.66	1/4	4,616.08	1/4	4,258.50	1/4	3,900.76	1/4	3,542.38	1/4	3,184.00	1/4	2,825.63	1/4	2,467.25	1/4	2,108.88		
1/2	1/2	4,966.21	1/2	4,608.63	1/2	4,251.05	1/2	3,893.29	1/2	3,534.92	1/2	3,176.54	1/2	2,818.16	1/2	2,459.78	1/2	2,101.41		
3/4	3/4	4,958.76	3/4	4,601.18	3/4	4,243.60	3/4	3,885.83	3/4	3,527.45	3/4	3,169.07	3/4	2,810.69	3/4	2,452.32	3/4	2,093.95		
5	5	4,951.31	5	4,593.73	5	4,236.15	5	3,878.36	5	3,519.98	5	3,161.61	5	2,803.23	5	2,444.85	5	2,086.49		
1/4	1/4	4,943.86	1/4	4,586.28	1/4	4,228.70	1/4	3,870.90	1/4	3,512.52	1/4	3,154.14	1/4	2,795.76	1/4	2,437.38	1/4	2,079.03		
1/2	1/2	5,260.09	1/2	4,936.41	1/2	4,578.83	1/2	4,221.25	1/2	3,863.43	1/2	3,505.05	1/2	3,146.67	1/2	2,788.30	1/2	2,429.92	1/2	2,071.57
3/4	3/4	5,256.18	3/4	4,928.96	3/4	4,571.38	3/4	4,213.80	3/4	3,855.96	3/4	3,497.59	3/4	3,139.21	3/4	2,780.83	3/4	2,422.45	3/4	2,064.11
6	6	5,252.27	6	4,921.52	6	4,563.93	6	4,206.35	6	3,848.50	6	3,490.12	6	3,131.74	6	2,773.36	6	2,414.99	6	2,056.64
1/4	1/4	5,248.36	1/4	4,914.07	1/4	4,556.48	1/4	4,198.90	1/4	3,841.03	1/4	3,482.65	1/4	3,124.28	1/4	2,765.90	1/4	2,407.52	1/4	2,049.18
1/2	1/2	5,244.45	1/2	4,906.62	1/2	4,549.04	1/2	4,191.45	1/2	3,833.56	1/2	3,475.19	1/2	3,116.81	1/2	2,758.43	1/2	2,400.05	1/2	2,041.72
3/4	3/4	5,239.47	3/4	4,899.17	3/4	4,541.59	3/4	4,184.00	3/4	3,826.10	3/4	3,467.72	3/4	3,109.34	3/4	2,750.97	3/4	2,392.59	3/4	2,034.25
7	7	5,234.50	7	4,891.72	7	4,534.14	7	4,176.56	7	3,818.63	7	3,460.25	7	3,101.88	7	2,743.50	7	2,385.12	7	2,026.79
1/4	1/4	5,229.52	1/4	4,884.27	1/4	4,526.69	1/4	4,169.11	1/4	3,811.17	1/4	3,452.79	1/4	3,094.41	1/4	2,736.03	1/4	2,377.66	1/4	2,019.32
1/2	1/2	5,224.55	1/2	4,876.82	1/2	4,519.24	1/2	4,161.66	1/2	3,803.70	1/2	3,445.32	1/2	3,086.94	1/2	2,728.57	1/2	2,370.19	1/2	2,011.86
3/4	3/4	5,218.50	3/4	4,869.37	3/4	4,511.79	3/4	4,154.21	3/4	3,796.23	3/4	3,437.86	3/4	3,079.48	3/4	2,721.10	3/4	2,362.72	3/4	2,004.39
8	8	5,212.46	8	4,861.92	8	4,504.34	8	4,146.76	8	3,788.77	8	3,430.39	8	3,072.01	8	2,713.63	8	2,355.26	8	1,996.92
1/4	1/4	5,206.42	1/4	4,854.47	1/4	4,496.89	1/4	4,139.31	1/4	3,781.30	1/4	3,422.92	1/4	3,064.55	1/4	2,706.17	1/4	2,347.79	1/4	1,989.46
1/2	1/2	5,200.38	1/2	4,847.02	1/2	4,489.44	1/2	4,131.86	1/2	3,773.83	1/2	3,415.46	1/2	3,057.08	1/2	2,698.70	1/2	2,340.32	1/2	1,981.99
3/4	3/4	5,193.41	3/4	4,839.57	3/4	4,481.99	3/4	4,124.41	3/4	3,766.37	3/4	3,407.99	3/4	3,049.61	3/4	2,691.24	3/4	2,332.86	3/4	1,974.53
9	9	5,186.45	9	4,832.12	9	4,474.54	9	4,116.96	9	3,758.90	9	3,400.52	9	3,042.15	9	2,683.77	9	2,325.39	9	1,967.06
1/4	1/4	5,179.48	1/4	4,824.67	1/4	4,467.09	1/4	4,109.51	1/4	3,751.44	1/4	3,393.06	1/4	3,034.68	1/4	2,676.30	1/4	2,317.93	1/4	1,959.59
1/2	1/2	5,172.52	1/2	4,817.22	1/2	4,459.64	1/2	4,102.06	1/2	3,743.97	1/2	3,385.59	1/2	3,027.21	1/2	2,668.84	1/2	2,310.46	1/2	1,952.13
3/4	3/4	5,165.24	3/4	4,809.77	3/4	4,452.19	3/4	4,094.61	3/4	3,736.50	3/4	3,378.13	3/4	3,019.75	3/4	2,661.37	3/4	2,302.99	3/4	1,944.66
10	10	5,157.96	10	4,802.32	10	4,444.74	10	4,087.16	10	3,729.04	10	3,370.66	10	3,012.28	10	2,653.90	10	2,295.53	10	1,937.19
1/4	1/4	5,150.69	1/4	4,794.87	1/4	4,437.29	1/4	4,079.71	1/4	3,721.57	1/4	3,363.19	1/4	3,004.82	1/4	2,646.44	1/4	2,288.06	1/4	1,929.73
1/2	1/2	5,143.41	1/2	4,787.42	1/2	4,429.84	1/2	4,072.26	1/2	3,714.10	1/2	3,355.73	1/2	2,997.35	1/2	2,638.97	1/2	2,280.59	1/2	1,922.26
3/4	3/4	5,136.08	3/4	4,779.97	3/4	4,422.39	3/4	4,064.81	3/4	3,706.64	3/4	3,348.26	3/4	2,989.88	3/4	2,631.51	3/4	2,273.13	3/4	1,914.80
11	11	5,128.75	11	4,772.52	11	4,414.94	11	4,057.36	11	3,699.17	11	2,982.42	11	2,624.04	11	2,265.66	11	2,265.66	11	1,907.33
1/4	1/4	5,121.42	1/4	4,765.07	1/4	4,407.49	1/4	4,049.91	1/4	3,691.71	1/4	3,333.33	1/4	2,974.95	1/4	2,616.57	1/4	2,258.20	1/4	1,899.86
1/2	1/2	5,114.08	1/2	4,757.62	1/2	4,400.04	1/2	4,042.46	1/2	3,684.24	1/2	3,325.86	1/2	2,967.48	1/2	2,609.11	1/2	2,250.73	1/2	1,892.40
3/4	3/4	5,106.73	3/4	4,750.17	3/4	4,392.59	3/4	4,035.01	3/4	3,676.77	3/4	3,318.40	3/4	2,960.02	3/4	2,601.64	3/4	2,243.26	3/4	1,884.93

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'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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





# BARGE "WEB 281"

## 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	1,877.46	0	1,523.09	0	1,164.68	0	820.87	0	474.65	0	125.50	0		0		0		0	
1/4	1,870.00	1/4	1,515.62	1/4	1,157.22	1/4	813.76	1/4	467.45	1/4	118.29	1/4		1/4		1/4		1/4	
1/2	1,862.53	1/2	1,508.16	1/2	1,149.75	1/2	806.66	1/2	460.24	1/2	111.07	1/2		1/2		1/2		1/2	
3/4	1,855.07	3/4	1,500.69	3/4	1,142.28	3/4	799.56	3/4	452.98	3/4	103.89	3/4		3/4		3/4		3/4	
1	1,847.60	1	1,493.22	1	1,134.82	1	792.46	1	445.73	1	96.71	1		1		1		1	
1/4	1,840.13	1/4	1,485.76	1/4	1,127.35	1/4	785.35	1/4	438.47	1/4	89.52	1/4		1/4		1/4		1/4	
1/2	1,832.67	1/2	1,478.29	1/2	1,119.88	1/2	778.25	1/2	431.21	1/2	82.34	1/2		1/2		1/2		1/2	
3/4	1,825.20	3/4	1,470.82	3/4	1,112.67	3/4	771.15	3/4	423.96	3/4	75.59	3/4		3/4		3/4		3/4	
2	1,817.73	2	1,463.36	2	1,105.45	2	764.04	2	416.71	2	68.83	2		2		2		2	
1/4	1,810.27	1/4	1,455.89	1/4	1,098.23	1/4	756.94	1/4	409.45	1/4	62.08	1/4		1/4		1/4		1/4	
1/2	1,802.80	1/2	1,448.42	1/2	1,091.01	1/2	749.84	1/2	402.20	1/2	55.32	1/2		1/2		1/2		1/2	
3/4	1,795.34	3/4	1,440.96	3/4	1,083.89	3/4	742.72	3/4	394.95	3/4	49.75	3/4		3/4		3/4		3/4	
3	1,787.87	3	1,433.49	3	1,076.76	3	735.61	3	387.70	3	44.18	3		3		3		3	
1/4	1,780.40	1/4	1,426.02	1/4	1,069.63	1/4	728.50	1/4	380.44	1/4	38.60	1/4		1/4		1/4		1/4	
1/2	1,772.94	1/2	1,418.56	1/2	1,062.51	1/2	721.38	1/2	373.19	1/2	33.03	1/2		1/2		1/2		1/2	
3/4	1,765.47	3/4	1,411.09	3/4	1,055.39	3/4	714.00	3/4	365.94	3/4	28.92	3/4		3/4		3/4		3/4	
4	1,758.01	4	1,403.62	4	1,048.28	4	706.62	4	358.68	4	24.81	4		4		4		4	
1/4	1,750.54	1/4	1,396.16	1/4	1,041.16	1/4	699.24	1/4	351.42	1/4	20.71	1/4		1/4		1/4		1/4	
1/2	1,743.07	1/2	1,388.69	1/2	1,034.04	1/2	691.87	1/2	344.17	1/2	16.60	1/2		1/2		1/2		1/2	
3/4	1,735.73	3/4	1,381.22	3/4	1,026.93	3/4	684.55	3/4	336.91	3/4		3/4		3/4		3/4		3/4	
5	1,728.39	5	1,373.76	5	1,019.82	5	677.24	5	329.66	5		5		5		5		5	
1/4	1,721.05	1/4	1,366.29	1/4	1,012.71	1/4	669.93	1/4	322.40	1/4		1/4		1/4		1/4		1/4	
1/2	1,713.71	1/2	1,358.82	1/2	1,005.60	1/2	662.62	1/2	315.14	1/2		1/2		1/2		1/2		1/2	
3/4	1,706.41	3/4	1,351.36	3/4	998.50	3/4	655.36	3/4	307.73	3/4		3/4		3/4		3/4		3/4	
6	1,699.11	6	1,343.89	6	991.39	6	648.10	6	300.33	6		6		6		6		6	
1/4	1,691.81	1/4	1,336.42	1/4	984.28	1/4	640.84	1/4	292.92	1/4		1/4		1/4		1/4		1/4	
1/2	1,684.51	1/2	1,328.96	1/2	977.18	1/2	633.59	1/2	285.51	1/2		1/2		1/2		1/2		1/2	
3/4	1,677.21	3/4	1,321.49	3/4	970.07	3/4	626.33	3/4	278.13	3/4		3/4		3/4		3/4		3/4	
7	1,669.91	7	1,314.02	7	962.96	7	619.07	7	270.75	7		7		7		7		7	
1/4	1,662.61	1/4	1,306.56	1/4	955.86	1/4	611.82	1/4	263.36	1/4		1/4		1/4		1/4		1/4	
1/2	1,655.31	1/2	1,299.09	1/2	948.75	1/2	604.56	1/2	255.98	1/2		1/2		1/2		1/2		1/2	
3/4	1,648.01	3/4	1,291.62	3/4	941.65	3/4	597.31	3/4	248.70	3/4		3/4		3/4		3/4		3/4	
8	1,640.71	8	1,284.15	8	934.54	8	590.05	8	241.42	8		8		8		8		8	
1/4	1,633.41	1/4	1,276.69	1/4	927.43	1/4	582.79	1/4	234.14	1/4		1/4		1/4		1/4		1/4	
1/2	1,626.11	1/2	1,269.22	1/2	920.33	1/2	575.54	1/2	226.85	1/2		1/2		1/2		1/2		1/2	
3/4	1,618.82	3/4	1,261.75	3/4	913.22	3/4	568.28	3/4	219.60	3/4		3/4		3/4		3/4		3/4	
9	1,611.52	9	1,254.29	9	906.11	9	561.03	9	212.35	9		9		9		9		9	
1/4	1,604.22	1/4	1,246.82	1/4	899.01	1/4	553.77	1/4	205.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,596.92	1/2	1,239.35	1/2	891.90	1/2	546.51	1/2	197.84	1/2		1/2		1/2		1/2		1/2	
3/4	1,589.62	3/4	1,231.89	3/4	884.80	3/4	539.26	3/4	190.60	3/4		3/4		3/4		3/4		3/4	
10	1,582.32	10	1,224.42	10	877.69	10	532.00	10	183.35	10		10		10		10		10	
1/4	1,575.02	1/4	1,216.95	1/4	870.59	1/4	524.74	1/4	176.10	1/4		1/4		1/4		1/4		1/4	
1/2	1,567.72	1/2	1,209.49	1/2	863.49	1/2	517.49	1/2	168.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,560.30	3/4	1,202.02	3/4	856.38	3/4	510.38	3/4	161.63	3/4		3/4		3/4		3/4		3/4	
11	1,552.87	11	1,194.55	11	849.28	11	503.28	11	154.39	11		11		11		11		11	
1/4	1,545.45	1/4	1,187.08	1/4	842.18	1/4	496.17	1/4	147.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,538.02	1/2	1,179.62	1/2	835.07	1/2	489.07	1/2	139.93	1/2		1/2		1/2		1/2		1/2	
3/4	1,530.56	3/4	1,172.15	3/4	827.97	3/4	481.86	3/4	132.72	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2019 CL  
CALCULATED: 11/07/2019 CL  
PRINTED: 11/07/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "WEB 281"

## 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	5,120.31	0	4,763.35	0	4,405.48	0	4,047.62	0	3,689.07	0	3,330.40	0	2,971.73	0	2,613.07	0	2,254.40		
1/4	1/4	5,112.95	1/4	4,755.90	1/4	4,398.03	1/4	4,040.16	1/4	3,681.59	1/4	3,322.93	1/4	2,964.26	1/4	2,605.60	1/4	2,246.93		
1/2	1/2	5,105.59	1/2	4,748.44	1/2	4,390.57	1/2	4,032.70	1/2	3,674.12	1/2	3,315.46	1/2	2,956.79	1/2	2,598.12	1/2	2,239.46		
3/4	3/4	5,098.22	3/4	4,740.99	3/4	4,383.12	3/4	4,025.25	3/4	3,666.65	3/4	3,307.98	3/4	2,949.32	3/4	2,590.65	3/4	2,231.99		
1	1	5,090.85	1	4,733.53	1	4,375.66	1	4,017.79	1	3,659.18	1	3,300.51	1	2,941.85	1	2,583.18	1	2,224.51		
1/4	1/4	5,083.48	1/4	4,726.08	1/4	4,368.21	1/4	4,010.34	1/4	3,651.70	1/4	3,293.04	1/4	2,934.37	1/4	2,575.71	1/4	2,217.04		
1/2	1/2	5,076.10	1/2	4,718.62	1/2	4,360.75	1/2	4,002.88	1/2	3,644.23	1/2	3,285.57	1/2	2,926.90	1/2	2,568.24	1/2	2,209.57		
3/4	3/4	5,068.73	3/4	4,711.16	3/4	4,353.30	3/4	3,995.41	3/4	3,636.76	3/4	3,278.09	3/4	2,919.43	3/4	2,560.76	3/4	2,202.10		
2	2	5,061.35	2	4,703.71	2	4,345.84	2	3,987.95	2	3,629.29	2	3,270.62	2	2,911.96	2	2,553.29	2	2,194.63		
1/4	1/4	5,053.97	1/4	4,696.25	1/4	4,338.38	1/4	3,980.48	1/4	3,621.82	1/4	3,263.15	1/4	2,904.48	1/4	2,545.82	1/4	2,187.15		
1/2	1/2	5,046.59	1/2	4,688.80	1/2	4,330.93	1/2	3,973.01	1/2	3,614.34	1/2	3,255.68	1/2	2,897.01	1/2	2,538.35	1/2	2,179.68		
3/4	3/4	5,039.15	3/4	4,681.34	3/4	4,323.47	3/4	3,965.54	3/4	3,606.87	3/4	3,248.21	3/4	2,889.54	3/4	2,530.87	3/4	2,172.21		
3	3	5,031.72	3	4,673.89	3	4,316.02	3	3,958.07	3	3,599.40	3	3,240.73	3	2,882.07	3	2,523.40	3	2,164.74		
1/4	1/4	5,024.28	1/4	4,666.43	1/4	4,308.56	1/4	3,950.59	1/4	3,591.93	1/4	3,233.26	1/4	2,874.60	1/4	2,515.93	1/4	2,157.26		
1/2	1/2	5,016.84	1/2	4,658.97	1/2	4,301.11	1/2	3,943.12	1/2	3,584.46	1/2	3,225.79	1/2	2,867.12	1/2	2,508.46	1/2	2,149.79		
3/4	3/4	5,009.39	3/4	4,651.52	3/4	4,293.65	3/4	3,935.65	3/4	3,576.98	3/4	3,218.32	3/4	2,859.65	3/4	2,500.99	3/4	2,142.32		
4	4	5,001.93	4	4,644.06	4	4,286.19	4	3,928.18	4	3,569.51	4	3,210.85	4	2,852.18	4	2,493.51	4	2,134.85		
1/4	1/4	4,994.48	1/4	4,636.61	1/4	4,278.74	1/4	3,920.70	1/4	3,562.04	1/4	3,203.37	1/4	2,844.71	1/4	2,486.04	1/4	2,127.38		
1/2	1/2	4,987.02	1/2	4,629.15	1/2	4,271.28	1/2	3,913.23	1/2	3,554.57	1/2	3,195.90	1/2	2,837.24	1/2	2,478.57	1/2	2,119.91		
3/4	3/4	4,979.57	3/4	4,621.70	3/4	4,263.83	3/4	3,905.76	3/4	3,547.09	3/4	3,188.43	3/4	2,829.76	3/4	2,471.10	3/4	2,112.44		
5	5	4,972.11	5	4,614.24	5	4,256.37	5	3,898.29	5	3,539.62	5	3,180.96	5	2,822.29	5	2,463.63	5	2,104.98		
1/4	1/4	4,964.65	1/4	4,606.79	1/4	4,248.92	1/4	3,890.82	1/4	3,532.15	1/4	3,173.48	1/4	2,814.82	1/4	2,456.15	1/4	2,097.51		
1/2	1/2	5,281.14	1/2	4,957.20	1/2	4,599.33	1/2	4,241.46	1/2	3,883.34	1/2	3,524.68	1/2	3,166.01	1/2	2,807.35	1/2	2,448.68	1/2	2,090.04
3/4	3/4	5,277.23	3/4	4,949.74	3/4	4,591.87	3/4	4,234.01	3/4	3,875.87	3/4	3,517.21	3/4	3,158.54	3/4	2,799.87	3/4	2,441.21	3/4	2,082.57
6	6	5,273.32	6	4,942.29	6	4,584.42	6	4,226.55	6	3,868.40	6	3,509.73	6	3,151.07	6	2,792.40	6	2,433.74	6	2,075.10
1/4	1/4	5,269.40	1/4	4,934.83	1/4	4,576.96	1/4	4,219.09	1/4	3,860.93	1/4	3,502.26	1/4	3,143.60	1/4	2,784.93	1/4	2,426.26	1/4	2,067.64
1/2	1/2	5,265.49	1/2	4,927.38	1/2	4,569.51	1/2	4,211.64	1/2	3,853.45	1/2	3,494.79	1/2	3,136.12	1/2	2,777.46	1/2	2,418.79	1/2	2,060.17
3/4	3/4	5,260.51	3/4	4,919.92	3/4	4,562.05	3/4	4,204.18	3/4	3,845.98	3/4	3,487.32	3/4	3,128.65	3/4	2,769.99	3/4	2,411.32	3/4	2,052.70
7	7	5,255.53	7	4,912.47	7	4,554.60	7	4,196.73	7	3,838.51	7	3,479.84	7	3,121.18	7	2,762.51	7	2,403.85	7	2,045.22
1/4	1/4	5,250.55	1/4	4,905.01	1/4	4,547.14	1/4	4,189.27	1/4	3,831.04	1/4	3,472.37	1/4	3,113.71	1/4	2,755.04	1/4	2,396.38	1/4	2,037.75
1/2	1/2	5,245.57	1/2	4,897.55	1/2	4,539.69	1/2	4,181.82	1/2	3,823.57	1/2	3,464.90	1/2	3,106.23	1/2	2,747.57	1/2	2,388.90	1/2	2,030.28
3/4	3/4	5,239.53	3/4	4,890.10	3/4	4,532.23	3/4	4,174.36	3/4	3,816.09	3/4	3,457.43	3/4	3,098.76	3/4	2,740.10	3/4	2,381.43	3/4	2,022.81
8	8	5,233.48	8	4,882.64	8	4,524.77	8	4,166.91	8	3,808.62	8	3,449.96	8	3,091.29	8	2,732.62	8	2,373.96	8	2,015.34
1/4	1/4	5,227.43	1/4	4,875.19	1/4	4,517.32	1/4	4,159.45	1/4	3,801.15	1/4	3,442.48	1/4	3,083.82	1/4	2,725.15	1/4	2,366.49	1/4	2,007.86
1/2	1/2	5,221.38	1/2	4,867.73	1/2	4,509.86	1/2	4,151.99	1/2	3,793.68	1/2	3,435.01	1/2	3,076.35	1/2	2,717.68	1/2	2,359.01	1/2	2,000.39
3/4	3/4	5,214.41	3/4	4,860.28	3/4	4,502.41	3/4	4,144.54	3/4	3,786.20	3/4	3,427.54	3/4	3,068.87	3/4	2,710.21	3/4	2,351.54	3/4	1,992.92
9	9	5,207.44	9	4,852.82	9	4,494.95	9	4,137.08	9	3,778.73	9	3,420.07	9	3,061.40	9	2,702.74	9	2,344.07	9	1,985.45
1/4	1/4	5,200.47	1/4	4,845.36	1/4	4,487.50	1/4	4,129.63	1/4	3,771.26	1/4	3,412.59	1/4	3,053.93	1/4	2,695.26	1/4	2,336.60	1/4	1,977.98
1/2	1/2	5,193.50	1/2	4,837.91	1/2	4,480.04	1/2	4,122.17	1/2	3,763.79	1/2	3,405.12	1/2	3,046.46	1/2	2,687.79	1/2	2,329.13	1/2	1,970.50
3/4	3/4	5,186.22	3/4	4,830.45	3/4	4,472.58	3/4	4,114.72	3/4	3,756.32	3/4	3,397.65	3/4	3,038.98	3/4	2,680.32	3/4	2,321.65	3/4	1,963.03
10	10	5,178.94	10	4,823.00	10	4,465.13	10	4,107.26	10	3,748.84	10	3,390.18	10	3,031.51	10	2,672.85	10	2,314.18	10	1,955.56
1/4	1/4	5,171.65	1/4	4,815.54	1/4	4,457.67	1/4	4,099.80	1/4	3,741.37	1/4	3,382.71	1/4	3,024.04	1/4	2,665.37	1/4	2,306.71	1/4	1,948.09
1/2	1/2	5,164.37	1/2	4,808.09	1/2	4,450.22	1/2	4,092.35	1/2	3,733.90	1/2	3,375.23	1/2	3,016.57	1/2	2,657.90	1/2	2,299.24	1/2	1,940.61
3/4	3/4	5,157.03	3/4	4,800.63	3/4	4,442.76	3/4	4,084.89	3/4	3,726.43	3/4	3,367.76	3/4	3,009.10	3/4	2,650.43	3/4	2,291.76	3/4	1,933.14
11	11	5,149.70	11	4,793.18	11	4,435.31	11	4,077.44	11	3,718.95	11	3,360.29	11	3,001.62	11	2,642.96	11	2,284.29	11	1,925.67
1/4	1/4	5,142.36	1/4	4,785.72	1/4	4,427.85	1/4	4,069.98	1/4	3,711.48	1/4	3,352.82	1/4	2,994.15	1/4	2,635.49	1/4	2,276.82	1/4	1,918.20
1/2	1/2	5,135.02	1/2	4,778.26	1/2	4,420.40	1/2	4,062.53	1/2	3,704.01	1/2	3,345.34	1/2	2,986.68	1/2	2,628.01	1/2	2,269.35	1/2	1,910.73
3/4	3/4	5,127.66	3/4	4,770.81	3/4	4,412.94	3/4	4,055.07	3/4	3,696.54	3/4	3,337.87	3/4	2,979.21	3/4	2,620.54	3/4	2,261.88	3/4	1,903.25

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'-00" FORWARD OF AFT BULKHEAD

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





# BARGE "WEB 281"

## 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	1,895.78	0	1,541.08	0	1,184.27	0	826.53	0	475.04	0	125.60	0		0		0		0	
1/4	1,888.31	1/4	1,533.63	1/4	1,176.80	1/4	819.09	1/4	467.83	1/4	118.38	1/4		1/4		1/4		1/4	
1/2	1,880.84	1/2	1,526.17	1/2	1,169.33	1/2	811.65	1/2	460.61	1/2	111.16	1/2		1/2		1/2		1/2	
3/4	1,873.36	3/4	1,518.70	3/4	1,161.85	3/4	804.20	3/4	453.35	3/4	103.97	3/4		3/4		3/4		3/4	
1	1,865.89	1	1,511.23	1	1,154.38	1	796.76	1	446.09	1	96.78	1		1		1		1	
1/4	1,858.42	1/4	1,503.76	1/4	1,146.91	1/4	789.32	1/4	438.83	1/4	89.59	1/4		1/4		1/4		1/4	
1/2	1,850.95	1/2	1,496.28	1/2	1,139.43	1/2	781.88	1/2	431.56	1/2	82.41	1/2		1/2		1/2		1/2	
3/4	1,843.48	3/4	1,488.81	3/4	1,131.96	3/4	774.44	3/4	424.30	3/4	75.65	3/4		3/4		3/4		3/4	
2	1,836.00	2	1,481.34	2	1,124.49	2	766.99	2	417.05	2	68.89	2		2		2		2	
1/4	1,828.53	1/4	1,473.87	1/4	1,117.02	1/4	759.55	1/4	409.79	1/4	62.13	1/4		1/4		1/4		1/4	
1/2	1,821.06	1/2	1,466.39	1/2	1,109.54	1/2	752.11	1/2	402.53	1/2	55.37	1/2		1/2		1/2		1/2	
3/4	1,813.59	3/4	1,458.92	3/4	1,102.08	3/4	744.66	3/4	395.27	3/4	49.79	3/4		3/4		3/4		3/4	
3	1,806.12	3	1,451.45	3	1,094.61	3	737.21	3	388.01	3	44.21	3		3		3		3	
1/4	1,798.64	1/4	1,443.98	1/4	1,087.15	1/4	729.75	1/4	380.75	1/4	38.63	1/4		1/4		1/4		1/4	
1/2	1,791.17	1/2	1,436.50	1/2	1,079.68	1/2	722.30	1/2	373.49	1/2	33.06	1/2		1/2		1/2		1/2	
3/4	1,783.70	3/4	1,429.03	3/4	1,072.23	3/4	714.83	3/4	366.23	3/4	28.94	3/4		3/4		3/4		3/4	
4	1,776.23	4	1,421.56	4	1,064.77	4	707.36	4	358.97	4	24.83	4		4		4		4	
1/4	1,768.75	1/4	1,414.09	1/4	1,057.32	1/4	699.90	1/4	351.71	1/4	20.72	1/4		1/4		1/4		1/4	
1/2	1,761.28	1/2	1,406.61	1/2	1,049.87	1/2	692.43	1/2	344.45	1/2	16.61	1/2		1/2		1/2		1/2	
3/4	1,753.87	3/4	1,399.18	3/4	1,042.42	3/4	685.11	3/4	337.19	3/4		3/4		3/4		3/4		3/4	
5	1,746.46	5	1,391.75	5	1,034.97	5	677.79	5	329.92	5		5		5		5		5	
1/4	1,739.05	1/4	1,384.32	1/4	1,027.52	1/4	670.47	1/4	322.66	1/4		1/4		1/4		1/4		1/4	
1/2	1,731.64	1/2	1,376.90	1/2	1,020.07	1/2	663.15	1/2	315.40	1/2		1/2		1/2		1/2		1/2	
3/4	1,724.32	3/4	1,369.52	3/4	1,012.62	3/4	655.89	3/4	307.98	3/4		3/4		3/4		3/4		3/4	
6	1,716.99	6	1,362.15	6	1,005.18	6	648.63	6	300.57	6		6		6		6		6	
1/4	1,709.66	1/4	1,354.78	1/4	997.73	1/4	641.37	1/4	293.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,702.34	1/2	1,347.41	1/2	990.29	1/2	634.10	1/2	285.74	1/2		1/2		1/2		1/2		1/2	
3/4	1,695.03	3/4	1,340.05	3/4	982.84	3/4	626.84	3/4	278.35	3/4		3/4		3/4		3/4		3/4	
7	1,687.73	7	1,332.69	7	975.40	7	619.58	7	270.97	7		7		7		7		7	
1/4	1,680.42	1/4	1,325.34	1/4	967.95	1/4	612.32	1/4	263.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,673.12	1/2	1,317.98	1/2	960.51	1/2	605.05	1/2	256.19	1/2		1/2		1/2		1/2		1/2	
3/4	1,665.81	3/4	1,310.62	3/4	953.06	3/4	597.79	3/4	248.90	3/4		3/4		3/4		3/4		3/4	
8	1,658.51	8	1,303.26	8	945.62	8	590.53	8	241.61	8		8		8		8		8	
1/4	1,651.20	1/4	1,295.91	1/4	938.17	1/4	583.27	1/4	234.33	1/4		1/4		1/4		1/4		1/4	
1/2	1,643.90	1/2	1,288.55	1/2	930.73	1/2	576.01	1/2	227.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,636.59	3/4	1,281.15	3/4	923.28	3/4	568.74	3/4	219.78	3/4		3/4		3/4		3/4		3/4	
9	1,629.28	9	1,273.75	9	915.84	9	561.48	9	212.52	9		9		9		9		9	
1/4	1,621.98	1/4	1,266.35	1/4	908.39	1/4	554.22	1/4	205.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,614.67	1/2	1,258.95	1/2	900.95	1/2	546.96	1/2	198.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,607.37	3/4	1,251.49	3/4	893.51	3/4	539.70	3/4	190.75	3/4		3/4		3/4		3/4		3/4	
10	1,600.06	10	1,244.03	10	886.06	10	532.43	10	183.50	10		10		10		10		10	
1/4	1,592.76	1/4	1,236.57	1/4	878.62	1/4	525.17	1/4	176.25	1/4		1/4		1/4		1/4		1/4	
1/2	1,585.45	1/2	1,229.11	1/2	871.18	1/2	517.91	1/2	169.00	1/2		1/2		1/2		1/2		1/2	
3/4	1,578.08	3/4	1,221.64	3/4	863.74	3/4	510.80	3/4	161.76	3/4		3/4		3/4		3/4		3/4	
11	1,570.72	11	1,214.16	11	856.30	11	503.69	11	154.52	11		11		11		11		11	
1/4	1,563.35	1/4	1,206.69	1/4	848.85	1/4	496.57	1/4	147.28	1/4		1/4		1/4		1/4		1/4	
1/2	1,555.98	1/2	1,199.22	1/2	841.41	1/2	489.46	1/2	140.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,548.53	3/4	1,191.75	3/4	833.97	3/4	482.25	3/4	132.82	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2019 CL  
CALCULATED: 11/07/2019 CL  
PRINTED: 11/07/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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



# BARGE "WEB 281"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

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	4,288.18	0	4,152.62	0	4,016.34	0	3,880.07	0	3,666.63	0	3,310.98	0	2,954.66	0	2,598.46	0	2,241.71	
1/4	1/4	4,285.40	1/4	4,149.78	1/4	4,013.50	1/4	3,877.23	1/4	3,659.27	1/4	3,303.56	1/4	2,947.23	1/4	2,591.04	1/4	2,234.30	
1/2	1/2	4,282.62	1/2	4,146.94	1/2	4,010.66	1/2	3,874.39	1/2	3,651.90	1/2	3,296.13	1/2	2,939.81	1/2	2,583.61	1/2	2,226.88	
3/4	3/4	4,279.84	3/4	4,144.10	3/4	4,007.83	3/4	3,871.55	3/4	3,644.54	3/4	3,288.71	3/4	2,932.39	3/4	2,576.19	3/4	2,219.46	
1	1	4,277.06	1	4,141.26	1	4,004.99	1	3,868.71	1	3,637.18	1	3,281.29	1	2,924.96	1	2,568.76	1	2,212.04	
1/4	1/4	4,274.28	1/4	4,138.42	1/4	4,002.15	1/4	3,865.87	1/4	3,629.80	1/4	3,273.86	1/4	2,917.54	1/4	2,561.34	1/4	2,204.65	
1/2	1/2	4,271.49	1/2	4,135.59	1/2	3,999.31	1/2	3,863.03	1/2	3,622.41	1/2	3,266.44	1/2	2,910.12	1/2	2,553.91	1/2	2,197.26	
3/4	3/4	4,268.71	3/4	4,132.75	3/4	3,996.47	3/4	3,860.19	3/4	3,615.03	3/4	3,259.02	3/4	2,902.70	3/4	2,546.49	3/4	2,189.87	
2	2	4,265.93	2	4,129.91	2	3,993.63	2	3,857.35	2	3,607.65	2	3,251.59	2	2,895.28	2	2,539.06	2	2,182.48	
1/4	1/4	4,263.14	1/4	4,127.07	1/4	3,990.79	1/4	3,854.51	1/4	3,600.26	1/4	3,244.17	1/4	2,887.86	1/4	2,531.64	1/4	2,175.10	
1/2	1/2	4,260.35	1/2	4,124.23	1/2	3,987.95	1/2	3,851.67	1/2	3,592.87	1/2	3,236.74	1/2	2,880.44	1/2	2,524.21	1/2	2,167.71	
3/4	3/4	4,257.57	3/4	4,121.39	3/4	3,985.11	3/4	3,848.82	3/4	3,585.48	3/4	3,229.32	3/4	2,873.03	3/4	2,516.79	3/4	2,160.33	
3	3	4,254.78	3	4,118.55	3	3,982.27	3	3,845.98	3	3,578.09	3	3,221.90	3	2,865.61	3	2,509.36	3	2,152.95	
1/4	1/4	4,251.95	1/4	4,115.71	1/4	3,979.43	1/4	3,843.14	1/4	3,570.70	1/4	3,214.47	1/4	2,858.19	1/4	2,501.93	1/4	2,145.57	
1/2	1/2	4,249.13	1/2	4,112.87	1/2	3,976.60	1/2	3,840.29	1/2	3,563.30	1/2	3,207.05	1/2	2,850.77	1/2	2,494.50	1/2	2,138.19	
3/4	3/4	4,246.30	3/4	4,110.03	3/4	3,973.76	3/4	3,837.45	3/4	3,555.90	3/4	3,199.63	3/4	2,843.35	3/4	2,487.06	3/4	2,130.80	
4	4	4,243.47	4	4,107.19	4	3,970.92	4	3,834.60	4	3,548.51	4	3,192.20	4	2,835.93	4	2,479.63	4	2,123.42	
1/4	1/4	4,240.63	1/4	4,104.36	1/4	3,968.08	1/4	3,831.54	1/4	3,541.09	1/4	3,184.78	1/4	2,828.51	1/4	2,472.19	1/4	2,116.04	
1/2	1/2	4,237.79	1/2	4,101.52	1/2	3,965.24	1/2	3,828.47	1/2	3,533.67	1/2	3,177.36	1/2	2,821.09	1/2	2,464.76	1/2	2,108.66	
3/4	3/4	4,234.95	3/4	4,098.68	3/4	3,962.40	3/4	3,825.40	3/4	3,526.25	3/4	3,169.93	3/4	2,813.67	3/4	2,457.32	3/4	2,101.28	
5	5	4,232.11	5	4,095.84	5	3,959.56	5	3,822.34	5	3,518.84	5	3,162.51	5	2,806.26	5	2,449.88	5	2,093.90	
1/4	1/4	4,229.28	1/4	4,093.00	1/4	3,956.72	1/4	3,819.70	1/4	3,511.41	1/4	3,155.09	1/4	2,798.84	1/4	2,442.45	1/4	2,086.53	
1/2	1/2	4,226.44	1/2	4,090.16	1/2	3,953.88	1/2	3,815.07	1/2	3,503.99	1/2	3,147.66	1/2	2,791.42	1/2	2,435.02	1/2	2,079.15	
3/4	3/4	4,223.60	3/4	4,087.32	3/4	3,951.04	3/4	3,811.44	3/4	3,496.56	3/4	3,140.24	3/4	2,784.00	3/4	2,427.59	3/4	2,071.78	
6	4,343.27	6	4,220.76	6	4,084.48	6	3,948.20	6	3,807.80	6	3,489.14	6	3,132.82	6	2,776.58	6	2,420.16	6	2,064.40
1/4	4,341.81	1/4	4,217.92	1/4	4,081.64	1/4	3,945.37	1/4	3,803.51	1/4	3,481.72	1/4	3,125.39	1/4	2,769.16	1/4	2,412.72	1/4	2,057.02
1/2	4,340.34	1/2	4,215.08	1/2	4,078.80	1/2	3,942.53	1/2	3,799.22	1/2	3,474.29	1/2	3,117.97	1/2	2,761.74	1/2	2,405.29	1/2	2,049.64
3/4	4,338.87	3/4	4,212.24	3/4	4,075.96	3/4	3,939.69	3/4	3,794.93	3/4	3,466.87	3/4	3,110.55	3/4	2,754.32	3/4	2,397.86	3/4	2,042.26
7	4,337.41	7	4,209.40	7	4,073.13	7	3,936.85	7	3,790.64	7	3,459.45	7	3,103.12	7	2,746.90	7	2,390.43	7	2,034.89
1/4	4,335.53	1/4	4,206.56	1/4	4,070.29	1/4	3,934.01	1/4	3,785.69	1/4	3,452.02	1/4	3,095.70	1/4	2,739.49	1/4	2,383.00	1/4	2,027.51
1/2	4,333.66	1/2	4,203.72	1/2	4,067.45	1/2	3,931.17	1/2	3,780.74	1/2	3,444.60	1/2	3,088.28	1/2	2,732.07	1/2	2,375.56	1/2	2,020.12
3/4	4,331.79	3/4	4,200.88	3/4	4,064.61	3/4	3,928.33	3/4	3,775.79	3/4	3,437.18	3/4	3,080.85	3/4	2,724.65	3/4	2,368.13	3/4	2,012.74
8	4,329.91	8	4,198.05	8	4,061.77	8	3,925.49	8	3,770.84	8	3,429.75	8	3,073.43	8	2,717.23	8	2,360.69	8	2,005.36
1/4	4,327.63	1/4	4,195.21	1/4	4,058.93	1/4	3,922.65	1/4	3,765.23	1/4	3,422.33	1/4	3,066.01	1/4	2,709.81	1/4	2,353.26	1/4	1,997.98
1/2	4,325.35	1/2	4,192.37	1/2	4,056.09	1/2	3,919.81	1/2	3,759.63	1/2	3,414.91	1/2	3,058.58	1/2	2,702.39	1/2	2,345.82	1/2	1,990.60
3/4	4,323.07	3/4	4,189.53	3/4	4,053.25	3/4	3,916.97	3/4	3,754.02	3/4	3,407.48	3/4	3,051.16	3/4	2,694.97	3/4	2,338.38	3/4	1,983.22
9	4,320.79	9	4,186.69	9	4,050.41	9	3,914.14	9	3,748.41	9	3,400.06	9	3,043.74	9	2,687.55	9	2,330.95	9	1,975.84
1/4	4,318.16	1/4	4,183.85	1/4	4,047.57	1/4	3,911.30	1/4	3,742.15	1/4	3,392.64	1/4	3,036.31	1/4	2,680.13	1/4	2,323.51	1/4	1,968.46
1/2	4,315.53	1/2	4,181.01	1/2	4,044.73	1/2	3,908.46	1/2	3,735.89	1/2	3,385.21	1/2	3,028.89	1/2	2,672.71	1/2	2,316.07	1/2	1,961.09
3/4	4,312.90	3/4	4,178.17	3/4	4,041.89	3/4	3,905.62	3/4	3,729.63	3/4	3,377.79	3/4	3,021.47	3/4	2,665.28	3/4	2,308.64	3/4	1,953.72
10	4,310.27	10	4,175.33	10	4,039.06	10	3,902.78	10	3,723.36	10	3,370.37	10	3,014.04	10	2,657.86	10	2,301.20	10	1,946.35
1/4	4,307.52	1/4	4,172.49	1/4	4,036.22	1/4	3,899.94	1/4	3,716.46	1/4	3,362.94	1/4	3,006.62	1/4	2,650.43	1/4	2,293.77	1/4	1,938.98
1/2	4,304.77	1/2	4,169.65	1/2	4,033.38	1/2	3,897.10	1/2	3,709.55	1/2	3,355.52	1/2	2,999.20	1/2	2,643.01	1/2	2,286.33	1/2	1,931.61
3/4	4,302.01	3/4	4,166.82	3/4	4,030.54	3/4	3,894.26	3/4	3,702.64	3/4	3,348.10	3/4	2,991.77	3/4	2,635.59	3/4	2,278.89	3/4	1,924.24
11	4,299.26	11	4,163.98	11	4,027.70	11	3,891.42	11	3,695.74	11	3,340.67	11	2,984.35	11	2,628.16	11	2,271.46	11	1,916.87
1/4	4,296.49	1/4	4,161.14	1/4	4,024.86	1/4	3,888.58	1/4	3,688.46	1/4	3,333.25	1/4	2,976.93	1/4	2,620.74	1/4	2,264.02	1/4	1,909.49
1/2	4,293.72	1/2	4,158.30	1/2	4,022.02	1/2	3,885.74	1/2	3,681.18	1/2	3,325.83	1/2	2,969.50	1/2	2,613.31	1/2	2,256.58	1/2	1,902.11
3/4	4,290.95	3/4	4,155.46	3/4	4,019.18	3/4	3,882.91	3/4	3,673.91	3/4	3,318.40	3/4	2,962.08	3/4	2,605.89	3/4	2,249.15	3/4	1,894.73

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 58'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "WEB 281"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

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	1,887.36	0	1,534.97	0	1,177.98	0	833.94	0	487.31	0	139.54	0		0		0		0	
1/4	1,879.97	1/4	1,527.54	1/4	1,170.55	1/4	826.82	1/4	480.13	1/4	132.36	1/4		1/4		1/4		1/4	
1/2	1,872.59	1/2	1,520.10	1/2	1,163.11	1/2	819.69	1/2	472.95	1/2	125.17	1/2		1/2		1/2		1/2	
3/4	1,865.21	3/4	1,512.67	3/4	1,155.67	3/4	812.57	3/4	465.77	3/4	117.99	3/4		3/4		3/4		3/4	
1	1,857.83	1	1,505.23	1	1,148.23	1	805.44	1	458.59	1	110.80	1		1		1		1	
1/4	1,850.45	1/4	1,497.80	1/4	1,141.01	1/4	798.31	1/4	451.36	1/4	103.64	1/4		1/4		1/4		1/4	
1/2	1,843.07	1/2	1,490.36	1/2	1,133.78	1/2	791.19	1/2	444.13	1/2	96.49	1/2		1/2		1/2		1/2	
3/4	1,835.68	3/4	1,482.92	3/4	1,126.55	3/4	784.06	3/4	436.90	3/4	89.33	3/4		3/4		3/4		3/4	
2	1,828.30	2	1,475.48	2	1,119.33	2	776.94	2	429.67	2	82.17	2		2		2		2	
1/4	1,820.90	1/4	1,468.05	1/4	1,112.17	1/4	769.82	1/4	422.44	1/4	75.44	1/4		1/4		1/4		1/4	
1/2	1,813.50	1/2	1,460.61	1/2	1,105.01	1/2	762.70	1/2	415.22	1/2	68.70	1/2		1/2		1/2		1/2	
3/4	1,806.10	3/4	1,453.17	3/4	1,097.85	3/4	755.59	3/4	407.99	3/4	61.96	3/4		3/4		3/4		3/4	
3	1,798.70	3	1,445.74	3	1,090.70	3	748.47	3	400.76	3	55.22	3		3		3		3	
1/4	1,791.27	1/4	1,438.30	1/4	1,083.55	1/4	741.13	1/4	393.54	1/4	49.66	1/4		1/4		1/4		1/4	
1/2	1,783.84	1/2	1,430.86	1/2	1,076.40	1/2	733.79	1/2	386.31	1/2	44.10	1/2		1/2		1/2		1/2	
3/4	1,776.41	3/4	1,423.42	3/4	1,069.25	3/4	726.45	3/4	379.08	3/4	38.53	3/4		3/4		3/4		3/4	
4	1,768.98	4	1,415.99	4	1,062.10	4	719.12	4	371.86	4	32.97	4		4		4		4	
1/4	1,761.67	1/4	1,408.55	1/4	1,054.96	1/4	711.68	1/4	364.63	1/4	28.87	1/4		1/4		1/4		1/4	
1/2	1,754.35	1/2	1,401.11	1/2	1,047.82	1/2	704.25	1/2	357.40	1/2	24.77	1/2		1/2		1/2		1/2	
3/4	1,747.04	3/4	1,393.67	3/4	1,040.69	3/4	696.82	3/4	350.17	3/4	20.67	3/4		3/4		3/4		3/4	
5	1,739.72	5	1,386.24	5	1,033.55	5	689.38	5	342.94	5	16.57	5		5		5		5	
1/4	1,732.45	1/4	1,378.80	1/4	1,026.42	1/4	682.09	1/4	335.71	1/4		1/4		1/4		1/4		1/4	
1/2	1,725.18	1/2	1,371.36	1/2	1,019.28	1/2	674.81	1/2	328.48	1/2		1/2		1/2		1/2		1/2	
3/4	1,717.91	3/4	1,363.93	3/4	1,012.15	3/4	667.52	3/4	321.25	3/4		3/4		3/4		3/4		3/4	
6	1,710.64	6	1,356.49	6	1,005.02	6	660.24	6	314.02	6		6		6		6		6	
1/4	1,703.37	1/4	1,349.05	1/4	997.89	1/4	653.00	1/4	306.65	1/4		1/4		1/4		1/4		1/4	
1/2	1,696.10	1/2	1,341.61	1/2	990.76	1/2	645.77	1/2	299.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,688.83	3/4	1,334.18	3/4	983.63	3/4	638.54	3/4	291.89	3/4		3/4		3/4		3/4		3/4	
7	1,681.56	7	1,326.74	7	976.50	7	631.31	7	284.51	7		7		7		7		7	
1/4	1,674.28	1/4	1,319.30	1/4	969.37	1/4	624.08	1/4	277.16	1/4		1/4		1/4		1/4		1/4	
1/2	1,667.00	1/2	1,311.86	1/2	962.24	1/2	616.85	1/2	269.81	1/2		1/2		1/2		1/2		1/2	
3/4	1,659.73	3/4	1,304.43	3/4	955.11	3/4	609.62	3/4	262.46	3/4		3/4		3/4		3/4		3/4	
8	1,652.45	8	1,296.99	8	947.98	8	602.39	8	255.10	8		8		8		8		8	
1/4	1,645.18	1/4	1,289.55	1/4	940.85	1/4	595.16	1/4	247.85	1/4		1/4		1/4		1/4		1/4	
1/2	1,637.90	1/2	1,282.11	1/2	933.72	1/2	587.93	1/2	240.60	1/2		1/2		1/2		1/2		1/2	
3/4	1,630.62	3/4	1,274.68	3/4	926.60	3/4	580.70	3/4	233.35	3/4		3/4		3/4		3/4		3/4	
9	1,623.34	9	1,267.24	9	919.47	9	573.47	9	226.10	9		9		9		9		9	
1/4	1,616.07	1/4	1,259.80	1/4	912.34	1/4	566.24	1/4	218.88	1/4		1/4		1/4		1/4		1/4	
1/2	1,608.79	1/2	1,252.36	1/2	905.21	1/2	559.01	1/2	211.66	1/2		1/2		1/2		1/2		1/2	
3/4	1,601.51	3/4	1,244.92	3/4	898.08	3/4	551.78	3/4	204.43	3/4		3/4		3/4		3/4		3/4	
10	1,594.23	10	1,237.49	10	890.95	10	544.55	10	197.21	10		10		10		10		10	
1/4	1,586.85	1/4	1,230.05	1/4	883.83	1/4	537.32	1/4	190.00	1/4		1/4		1/4		1/4		1/4	
1/2	1,579.46	1/2	1,222.61	1/2	876.70	1/2	530.09	1/2	182.78	1/2		1/2		1/2		1/2		1/2	
3/4	1,572.07	3/4	1,215.17	3/4	869.57	3/4	522.86	3/4	175.57	3/4		3/4		3/4		3/4		3/4	
11	1,564.68	11	1,207.74	11	862.45	11	515.63	11	168.35	11		11		11		11		11	
1/4	1,557.25	1/4	1,200.30	1/4	855.32	1/4	508.55	1/4	161.15	1/4		1/4		1/4		1/4		1/4	
1/2	1,549.83	1/2	1,192.86	1/2	848.19	1/2	501.47	1/2	153.95	1/2		1/2		1/2		1/2		1/2	
3/4	1,542.40	3/4	1,185.42	3/4	841.07	3/4	494.39	3/4	146.75	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2019 CL  
CALCULATED: 11/07/2019 CL  
PRINTED: 11/07/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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



# BARGE "WEB 281"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

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	4,303.76	0	4,167.44	0	4,031.06	0	3,894.68	0	3,680.38	0	3,324.13	0	2,967.60	0	2,611.19	0	2,255.03	
1/4	1/4	4,300.93	1/4	4,164.60	1/4	4,028.22	1/4	3,891.84	1/4	3,672.99	1/4	3,316.70	1/4	2,960.17	1/4	2,603.76	1/4	2,247.61	
1/2	1/2	4,298.10	1/2	4,161.76	1/2	4,025.38	1/2	3,889.00	1/2	3,665.60	1/2	3,309.28	1/2	2,952.74	1/2	2,596.33	1/2	2,240.19	
3/4	3/4	4,295.26	3/4	4,158.91	3/4	4,022.54	3/4	3,886.16	3/4	3,658.21	3/4	3,301.85	3/4	2,945.31	3/4	2,588.91	3/4	2,232.77	
1	1	4,292.43	1	4,156.07	1	4,019.70	1	3,883.32	1	3,650.81	1	3,294.42	1	2,937.89	1	2,581.48	1	2,225.35	
1/4	1/4	4,289.59	1/4	4,153.23	1/4	4,016.85	1/4	3,880.48	1/4	3,643.41	1/4	3,286.99	1/4	2,930.46	1/4	2,574.05	1/4	2,217.93	
1/2	1/2	4,286.76	1/2	4,150.39	1/2	4,014.01	1/2	3,877.64	1/2	3,636.00	1/2	3,279.57	1/2	2,923.04	1/2	2,566.63	1/2	2,210.50	
3/4	3/4	4,283.92	3/4	4,147.55	3/4	4,011.17	3/4	3,874.79	3/4	3,628.59	3/4	3,272.14	3/4	2,915.61	3/4	2,559.20	3/4	2,203.08	
2	2	4,281.08	2	4,144.71	2	4,008.33	2	3,871.95	2	3,621.19	2	3,264.71	2	2,908.19	2	2,551.78	2	2,195.66	
1/4	1/4	4,278.24	1/4	4,141.87	1/4	4,005.49	1/4	3,869.11	1/4	3,613.77	1/4	3,257.28	1/4	2,900.76	1/4	2,544.35	1/4	2,188.24	
1/2	1/2	4,275.40	1/2	4,139.03	1/2	4,002.65	1/2	3,866.27	1/2	3,606.35	1/2	3,249.85	1/2	2,893.34	1/2	2,536.93	1/2	2,180.81	
3/4	3/4	4,272.56	3/4	4,136.18	3/4	3,999.81	3/4	3,863.43	3/4	3,598.93	3/4	3,242.43	3/4	2,885.92	3/4	2,529.51	3/4	2,173.39	
3	3	4,269.72	3	4,133.34	3	3,996.97	3	3,860.59	3	3,591.52	3	3,235.00	3	2,878.50	3	2,522.08	3	2,165.97	
1/4	1/4	4,266.88	1/4	4,130.50	1/4	3,994.12	1/4	3,857.75	1/4	3,584.09	1/4	3,227.57	1/4	2,871.07	1/4	2,514.66	1/4	2,158.57	
1/2	1/2	4,264.04	1/2	4,127.66	1/2	3,991.28	1/2	3,854.91	1/2	3,576.67	1/2	3,220.14	1/2	2,863.65	1/2	2,507.24	1/2	2,151.18	
3/4	3/4	4,261.20	3/4	4,124.82	3/4	3,988.44	3/4	3,852.06	3/4	3,569.24	3/4	3,212.72	3/4	2,856.23	3/4	2,499.82	3/4	2,143.79	
4	4	4,258.36	4	4,121.98	4	3,985.60	4	3,849.22	4	3,561.82	4	3,205.29	4	2,848.80	4	2,492.39	4	2,136.40	
1/4	1/4	4,255.52	1/4	4,119.14	1/4	3,982.76	1/4	3,846.14	1/4	3,554.39	1/4	3,197.86	1/4	2,841.38	1/4	2,484.97	1/4	2,129.02	
1/2	1/2	4,252.67	1/2	4,116.30	1/2	3,979.92	1/2	3,843.05	1/2	3,546.96	1/2	3,190.43	1/2	2,833.96	1/2	2,477.55	1/2	2,121.64	
3/4	3/4	4,249.83	3/4	4,113.46	3/4	3,977.08	3/4	3,839.96	3/4	3,539.54	3/4	3,183.00	3/4	2,826.53	3/4	2,470.12	3/4	2,114.27	
5	5	4,246.99	5	4,110.61	5	3,974.24	5	3,836.87	5	3,532.11	5	3,175.58	5	2,819.11	5	2,462.70	5	2,106.89	
1/4	1/4	4,244.15	1/4	4,107.77	1/4	3,971.40	1/4	3,833.21	1/4	3,524.68	1/4	3,168.15	1/4	2,811.69	1/4	2,455.28	1/4	2,099.51	
1/2	1/2	4,241.31	1/2	4,104.93	1/2	3,968.55	1/2	3,829.55	1/2	3,517.25	1/2	3,160.72	1/2	2,804.26	1/2	2,447.86	1/2	2,092.14	
3/4	3/4	4,238.47	3/4	4,102.09	3/4	3,965.71	3/4	3,825.88	3/4	3,509.83	3/4	3,153.29	3/4	2,796.84	3/4	2,440.44	3/4	2,084.76	
6	4,360.14	6	4,235.63	6	4,099.25	6	3,962.87	6	3,822.22	6	3,502.40	6	3,145.87	6	2,789.42	6	2,433.01	6	2,077.39
1/4	4,358.62	1/4	4,232.79	1/4	4,096.41	1/4	3,960.03	1/4	3,817.90	1/4	3,494.97	1/4	3,138.44	1/4	2,781.99	1/4	2,425.60	1/4	2,070.01
1/2	4,357.10	1/2	4,229.94	1/2	4,093.57	1/2	3,957.19	1/2	3,813.58	1/2	3,487.54	1/2	3,131.01	1/2	2,774.57	1/2	2,418.18	1/2	2,062.63
3/4	4,355.58	3/4	4,227.10	3/4	4,090.73	3/4	3,954.35	3/4	3,809.26	3/4	3,480.12	3/4	3,123.58	3/4	2,767.15	3/4	2,410.76	3/4	2,055.25
7	4,354.05	7	4,224.26	7	4,087.88	7	3,951.51	7	3,804.94	7	3,472.69	7	3,116.15	7	2,759.72	7	2,403.34	7	2,047.88
1/4	4,352.13	1/4	4,221.42	1/4	4,085.04	1/4	3,948.67	1/4	3,799.96	1/4	3,465.26	1/4	3,108.73	1/4	2,752.30	1/4	2,395.92	1/4	2,040.50
1/2	4,350.20	1/2	4,218.58	1/2	4,082.20	1/2	3,945.82	1/2	3,794.99	1/2	3,457.83	1/2	3,101.30	1/2	2,744.88	1/2	2,388.50	1/2	2,033.12
3/4	4,348.27	3/4	4,215.74	3/4	4,079.36	3/4	3,942.98	3/4	3,790.01	3/4	3,450.41	3/4	3,093.87	3/4	2,737.45	3/4	2,381.08	3/4	2,025.74
8	4,346.34	8	4,212.90	8	4,076.52	8	3,940.14	8	3,785.03	8	3,442.98	8	3,086.44	8	2,730.03	8	2,373.66	8	2,018.36
1/4	4,344.01	1/4	4,210.06	1/4	4,073.68	1/4	3,937.30	1/4	3,779.40	1/4	3,435.55	1/4	3,079.02	1/4	2,722.61	1/4	2,366.24	1/4	2,010.97
1/2	4,341.68	1/2	4,207.21	1/2	4,070.84	1/2	3,934.46	1/2	3,773.76	1/2	3,428.12	1/2	3,071.59	1/2	2,715.18	1/2	2,358.82	1/2	2,003.59
3/4	4,339.34	3/4	4,204.37	3/4	4,068.00	3/4	3,931.62	3/4	3,768.13	3/4	3,420.69	3/4	3,064.16	3/4	2,707.76	3/4	2,351.39	3/4	1,996.21
9	4,337.01	9	4,201.53	9	4,065.15	9	3,928.78	9	3,762.49	9	3,413.27	9	3,056.73	9	2,700.34	9	2,343.97	9	1,988.83
1/4	4,334.33	1/4	4,198.69	1/4	4,062.31	1/4	3,925.94	1/4	3,756.20	1/4	3,405.84	1/4	3,049.30	1/4	2,692.91	1/4	2,336.56	1/4	1,981.45
1/2	4,331.64	1/2	4,195.85	1/2	4,059.47	1/2	3,923.09	1/2	3,749.91	1/2	3,398.41	1/2	3,041.88	1/2	2,685.48	1/2	2,329.14	1/2	1,974.07
3/4	4,328.96	3/4	4,193.01	3/4	4,056.63	3/4	3,920.25	3/4	3,743.62	3/4	3,390.98	3/4	3,034.45	3/4	2,678.06	3/4	2,321.73	3/4	1,966.69
10	4,326.27	10	4,190.17	10	4,053.79	10	3,917.41	10	3,737.33	10	3,383.56	10	3,027.02	10	2,670.63	10	2,314.32	10	1,959.31
1/4	4,323.47	1/4	4,187.33	1/4	4,050.95	1/4	3,914.57	1/4	3,730.39	1/4	3,376.13	1/4	3,019.59	1/4	2,663.20	1/4	2,306.91	1/4	1,951.93
1/2	4,320.66	1/2	4,184.49	1/2	4,048.11	1/2	3,911.73	1/2	3,723.46	1/2	3,368.70	1/2	3,012.17	1/2	2,655.77	1/2	2,299.50	1/2	1,944.55
3/4	4,317.86	3/4	4,181.64	3/4	4,045.27	3/4	3,908.89	3/4	3,716.52	3/4	3,361.27	3/4	3,004.74	3/4	2,648.34	3/4	2,292.09	3/4	1,937.17
11	4,315.06	11	4,178.80	11	4,042.43	11	3,906.05	11	3,709.59	11	3,353.84	11	2,997.31	11	2,640.91	11	2,284.68	11	1,929.79
1/4	4,312.23	1/4	4,175.96	1/4	4,039.58	1/4	3,903.21	1/4	3,702.29	1/4	3,346.42	1/4	2,989.88	1/4	2,633.48	1/4	2,277.27	1/4	1,922.41
1/2	4,309.41	1/2	4,173.12	1/2	4,036.74	1/2	3,900.37	1/2	3,694.98	1/2	3,338.99	1/2	2,982.45	1/2	2,626.05	1/2	2,269.85	1/2	1,915.03
3/4	4,306.58	3/4	4,170.28	3/4	4,033.90	3/4	3,897.52	3/4	3,687.68	3/4	3,331.56	3/4	2,975.03	3/4	2,618.62	3/4	2,262.44	3/4	1,907.65

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'-00" FORWARD OF AFT BULKHEAD

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



# BARGE "WEB 281"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-05"

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	1,900.27	0	1,548.61	0	1,192.38	0	836.56	0	486.67	0	139.36	0		0		0		0	
1/4	1,892.89	1/4	1,541.18	1/4	1,184.95	1/4	829.16	1/4	479.49	1/4	132.18	1/4		1/4		1/4		1/4	
1/2	1,885.51	1/2	1,533.75	1/2	1,177.52	1/2	821.76	1/2	472.32	1/2	125.01	1/2		1/2		1/2		1/2	
3/4	1,878.13	3/4	1,526.32	3/4	1,170.09	3/4	814.36	3/4	465.15	3/4	117.83	3/4		3/4		3/4		3/4	
1	1,870.75	1	1,518.89	1	1,162.66	1	806.96	1	457.98	1	110.66	1		1		1		1	
1/4	1,863.37	1/4	1,511.45	1/4	1,155.23	1/4	799.56	1/4	450.76	1/4	103.51	1/4		1/4		1/4		1/4	
1/2	1,855.99	1/2	1,504.02	1/2	1,147.79	1/2	792.16	1/2	443.54	1/2	96.36	1/2		1/2		1/2		1/2	
3/4	1,848.61	3/4	1,496.59	3/4	1,140.36	3/4	784.76	3/4	436.32	3/4	89.22	3/4		3/4		3/4		3/4	
2	1,841.23	2	1,489.16	2	1,132.93	2	777.36	2	429.10	2	82.07	2		2		2		2	
1/4	1,833.85	1/4	1,481.73	1/4	1,125.50	1/4	769.96	1/4	421.88	1/4	75.34	1/4		1/4		1/4		1/4	
1/2	1,826.46	1/2	1,474.30	1/2	1,118.07	1/2	762.56	1/2	414.66	1/2	68.61	1/2		1/2		1/2		1/2	
3/4	1,819.08	3/4	1,466.87	3/4	1,110.64	3/4	755.16	3/4	407.44	3/4	61.88	3/4		3/4		3/4		3/4	
3	1,811.70	3	1,459.44	3	1,103.20	3	747.75	3	400.22	3	55.15	3		3		3		3	
1/4	1,804.32	1/4	1,452.01	1/4	1,095.78	1/4	740.35	1/4	393.01	1/4	49.60	1/4		1/4		1/4		1/4	
1/2	1,796.94	1/2	1,444.58	1/2	1,088.36	1/2	732.95	1/2	385.79	1/2	44.04	1/2		1/2		1/2		1/2	
3/4	1,789.56	3/4	1,437.14	3/4	1,080.93	3/4	725.54	3/4	378.57	3/4	38.48	3/4		3/4		3/4		3/4	
4	1,782.18	4	1,429.71	4	1,073.51	4	718.14	4	371.36	4	32.93	4		4		4		4	
1/4	1,774.80	1/4	1,422.28	1/4	1,066.10	1/4	710.72	1/4	364.14	1/4	28.83	1/4		1/4		1/4		1/4	
1/2	1,767.42	1/2	1,414.85	1/2	1,058.68	1/2	703.30	1/2	356.92	1/2	24.74	1/2		1/2		1/2		1/2	
3/4	1,760.04	3/4	1,407.42	3/4	1,051.27	3/4	695.88	3/4	349.70	3/4	20.65	3/4		3/4		3/4		3/4	
5	1,752.66	5	1,399.99	5	1,043.86	5	688.47	5	342.48	5	16.55	5		5		5		5	
1/4	1,745.37	1/4	1,392.58	1/4	1,036.45	1/4	681.19	1/4	335.26	1/4		1/4		1/4		1/4		1/4	
1/2	1,738.07	1/2	1,385.17	1/2	1,029.04	1/2	673.92	1/2	328.04	1/2		1/2		1/2		1/2		1/2	
3/4	1,730.78	3/4	1,377.76	3/4	1,021.63	3/4	666.64	3/4	320.82	3/4		3/4		3/4		3/4		3/4	
6	1,723.48	6	1,370.35	6	1,014.23	6	659.37	6	313.60	6		6		6		6		6	
1/4	1,716.22	1/4	1,362.95	1/4	1,006.82	1/4	652.15	1/4	306.23	1/4		1/4		1/4		1/4		1/4	
1/2	1,708.95	1/2	1,355.55	1/2	999.42	1/2	644.92	1/2	298.86	1/2		1/2		1/2		1/2		1/2	
3/4	1,701.68	3/4	1,348.15	3/4	992.01	3/4	637.70	3/4	291.49	3/4		3/4		3/4		3/4		3/4	
7	1,694.42	7	1,340.75	7	984.61	7	630.48	7	284.12	7		7		7		7		7	
1/4	1,687.15	1/4	1,333.35	1/4	977.20	1/4	623.26	1/4	276.78	1/4		1/4		1/4		1/4		1/4	
1/2	1,679.89	1/2	1,325.95	1/2	969.80	1/2	616.04	1/2	269.43	1/2		1/2		1/2		1/2		1/2	
3/4	1,672.62	3/4	1,318.54	3/4	962.40	3/4	608.82	3/4	262.09	3/4		3/4		3/4		3/4		3/4	
8	1,665.36	8	1,311.14	8	954.99	8	601.60	8	254.75	8		8		8		8		8	
1/4	1,658.09	1/4	1,303.74	1/4	947.59	1/4	594.38	1/4	247.51	1/4		1/4		1/4		1/4		1/4	
1/2	1,650.82	1/2	1,296.34	1/2	940.19	1/2	587.15	1/2	240.27	1/2		1/2		1/2		1/2		1/2	
3/4	1,643.56	3/4	1,288.94	3/4	932.78	3/4	579.93	3/4	233.03	3/4		3/4		3/4		3/4		3/4	
9	1,636.29	9	1,281.54	9	925.38	9	572.71	9	225.79	9		9		9		9		9	
1/4	1,629.03	1/4	1,274.11	1/4	917.98	1/4	565.49	1/4	218.58	1/4		1/4		1/4		1/4		1/4	
1/2	1,621.76	1/2	1,266.69	1/2	910.57	1/2	558.27	1/2	211.36	1/2		1/2		1/2		1/2		1/2	
3/4	1,614.49	3/4	1,259.26	3/4	903.17	3/4	551.05	3/4	204.15	3/4		3/4		3/4		3/4		3/4	
10	1,607.23	10	1,251.84	10	895.77	10	543.83	10	196.94	10		10		10		10		10	
1/4	1,599.96	1/4	1,244.41	1/4	888.37	1/4	536.61	1/4	189.73	1/4		1/4		1/4		1/4		1/4	
1/2	1,592.70	1/2	1,236.97	1/2	880.97	1/2	529.39	1/2	182.53	1/2		1/2		1/2		1/2		1/2	
3/4	1,585.43	3/4	1,229.54	3/4	873.56	3/4	522.17	3/4	175.33	3/4		3/4		3/4		3/4		3/4	
11	1,578.17	11	1,222.11	11	866.16	11	514.95	11	168.12	11		11		11		11		11	
1/4	1,570.78	1/4	1,214.68	1/4	858.76	1/4	507.88	1/4	160.93	1/4		1/4		1/4		1/4		1/4	
1/2	1,563.39	1/2	1,207.25	1/2	851.36	1/2	500.81	1/2	153.74	1/2		1/2		1/2		1/2		1/2	
3/4	1,556.00	3/4	1,199.82	3/4	843.96	3/4	493.74	3/4	146.55	3/4		3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/06/2019 CL  
CALCULATED: 11/07/2019 CL  
PRINTED: 11/07/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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



# BARGE "WEB 281"

## FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-04 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	3,085	0	6,170	0	9,255	0	12,340	0		0		0		0		0	
1/4	64	1/4	3,149	1/4	6,234	1/4	9,319	1/4	12,404	1/4		1/4		1/4		1/4		1/4	
1/2	129	1/2	3,214	1/2	6,299	1/2	9,384	1/2	12,469	1/2		1/2		1/2		1/2		1/2	
3/4	193	3/4	3,278	3/4	6,363	3/4	9,448	3/4	12,533	3/4		3/4		3/4		3/4		3/4	
1	257	1	3,342	1	6,427	1	9,512	1	12,597	1		1		1		1		1	
1/4	321	1/4	3,406	1/4	6,491	1/4	9,576	1/4	12,661	1/4		1/4		1/4		1/4		1/4	
1/2	386	1/2	3,471	1/2	6,556	1/2	9,641	1/2	12,726	1/2		1/2		1/2		1/2		1/2	
3/4	450	3/4	3,535	3/4	6,620	3/4	9,705	3/4	12,790	3/4		3/4		3/4		3/4		3/4	
2	514	2	3,599	2	6,684	2	9,769	2	12,854	2		2		2		2		2	
1/4	578	1/4	3,663	1/4	6,748	1/4	9,833	1/4	12,918	1/4		1/4		1/4		1/4		1/4	
1/2	643	1/2	3,728	1/2	6,813	1/2	9,898	1/2	12,983	1/2		1/2		1/2		1/2		1/2	
3/4	707	3/4	3,792	3/4	6,877	3/4	9,962	3/4	13,047	3/4		3/4		3/4		3/4		3/4	
3	771	3	3,856	3	6,941	3	10,026	3	13,111	3		3		3		3		3	
1/4	836	1/4	3,921	1/4	7,006	1/4	10,091	1/4	13,176	1/4		1/4		1/4		1/4		1/4	
1/2	900	1/2	3,985	1/2	7,070	1/2	10,155	1/2	13,240	1/2		1/2		1/2		1/2		1/2	
3/4	964	3/4	4,049	3/4	7,134	3/4	10,219	3/4	13,304	3/4		3/4		3/4		3/4		3/4	
4	1,028	4	4,113	4	7,198	4	10,283	4	13,368	4		4		4		4		4	
1/4	1,093	1/4	4,178	1/4	7,263	1/4	10,348	1/4	13,433	1/4		1/4		1/4		1/4		1/4	
1/2	1,157	1/2	4,242	1/2	7,327	1/2	10,412	1/2	13,497	1/2		1/2		1/2		1/2		1/2	
3/4	1,221	3/4	4,306	3/4	7,391	3/4	10,476	3/4	13,561	3/4		3/4		3/4		3/4		3/4	
5	1,285	5	4,370	5	7,455	5	10,540	5	13,625	5		5		5		5		5	
1/4	1,350	1/4	4,435	1/4	7,520	1/4	10,605	1/4	13,690	1/4		1/4		1/4		1/4		1/4	
1/2	1,414	1/2	4,499	1/2	7,584	1/2	10,669	1/2	13,754	1/2		1/2		1/2		1/2		1/2	
3/4	1,478	3/4	4,563	3/4	7,648	3/4	10,733	3/4	13,818	3/4		3/4		3/4		3/4		3/4	
6	1,543	6	4,628	6	7,713	6	10,798	6	13,883	6		6		6		6		6	
1/4	1,607	1/4	4,692	1/4	7,777	1/4	10,862	1/4	13,947	1/4		1/4		1/4		1/4		1/4	
1/2	1,671	1/2	4,756	1/2	7,841	1/2	10,926	1/2	14,011	1/2		1/2		1/2		1/2		1/2	
3/4	1,735	3/4	4,820	3/4	7,905	3/4	10,990	3/4	14,075	3/4		3/4		3/4		3/4		3/4	
7	1,800	7	4,885	7	7,970	7	11,055	7	14,140	7		7		7		7		7	
1/4	1,864	1/4	4,949	1/4	8,034	1/4	11,119	1/4	14,204	1/4		1/4		1/4		1/4		1/4	
1/2	1,928	1/2	5,013	1/2	8,098	1/2	11,183	1/2	14,268	1/2		1/2		1/2		1/2		1/2	
3/4	1,992	3/4	5,077	3/4	8,162	3/4	11,247	3/4	14,332	3/4		3/4		3/4		3/4		3/4	
8	2,057	8	5,142	8	8,227	8	11,312	8	14,397	8		8		8		8		8	
1/4	2,121	1/4	5,206	1/4	8,291	1/4	11,376	1/4	14,461	1/4		1/4		1/4		1/4		1/4	
1/2	2,185	1/2	5,270	1/2	8,355	1/2	11,440	1/2	14,525	1/2		1/2		1/2		1/2		1/2	
3/4	2,249	3/4	5,335	3/4	8,420	3/4	11,505	3/4		3/4		3/4		3/4		3/4		3/4	
9	2,314	9	5,399	9	8,484	9	11,569	9		9		9		9		9		9	
1/4	2,378	1/4	5,463	1/4	8,548	1/4	11,633	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,442	1/2	5,527	1/2	8,612	1/2	11,697	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,507	3/4	5,592	3/4	8,677	3/4	11,762	3/4		3/4		3/4		3/4		3/4		3/4	
10	2,571	10	5,656	10	8,741	10	11,826	10		10		10		10		10		10	
1/4	2,635	1/4	5,720	1/4	8,805	1/4	11,890	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,699	1/2	5,784	1/2	8,869	1/2	11,954	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	2,764	3/4	5,849	3/4	8,934	3/4	12,019	3/4		3/4		3/4		3/4		3/4		3/4	
11	2,828	11	5,913	11	8,998	11	12,083	11		11		11		11		11		11	
1/4	2,892	1/4	5,977	1/4	9,062	1/4	12,147	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2,956	1/2	6,041	1/2	9,126	1/2	12,212	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3,021	3/4	6,106	3/4	9,191	3/4	12,276	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 2" PIPE

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