



BARGE "WEB 311"

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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-1/2	- 00-1/2
1 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-1/2	- 00-1/2
2 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8

(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 - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 238'-00"

June 8, 2016

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

<http://www.pmacorp.net>



BARGE "WEB 311"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,804.83	0	3,621.74	0	3,239.76	0	2,957.76	0	2,674.64	0	2,391.57	0	2,108.47
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,798.93	1/4	3,615.84	1/4	3,233.91	1/4	2,951.86	1/4	2,668.75	1/4	2,385.67	1/4	2,102.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,793.03	1/2	3,609.94	1/2	3,228.06	1/2	2,946.96	1/2	2,662.85	1/2	2,379.77	1/2	2,096.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,787.13	3/4	3,604.04	3/4	3,222.21	3/4	2,940.06	3/4	2,656.96	3/4	2,373.87	3/4	2,090.78
1		1		1		1	3,781.24	1	3,498.14	1	3,216.35	1	2,934.16	1	2,651.07	1	2,367.97	1	2,084.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,775.34	1/4	3,492.24	1/4	3,210.50	1/4	2,928.26	1/4	2,645.17	1/4	2,362.07	1/4	2,078.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,769.44	1/2	3,486.34	1/2	3,204.65	1/2	2,922.37	1/2	2,639.27	1/2	2,356.18	1/2	2,073.08
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,763.54	3/4	3,480.44	3/4	3,198.80	3/4	2,916.47	3/4	2,633.37	3/4	2,350.28	3/4	2,067.18
2		2		2		2	3,757.64	2	3,474.54	2	3,192.95	2	2,910.57	2	2,627.47	2	2,344.38	2	2,061.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,751.74	1/4	3,468.65	1/4	3,187.10	1/4	2,904.67	1/4	2,621.57	1/4	2,338.48	1/4	2,055.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,745.84	1/2	3,462.75	1/2	3,181.25	1/2	2,898.77	1/2	2,615.68	1/2	2,332.58	1/2	2,049.49
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,739.94	3/4	3,456.85	3/4	3,175.40	3/4	2,892.87	3/4	2,609.78	3/4	2,326.68	3/4	2,043.59
3		3		3		3	3,734.06	3	3,450.95	3	3,169.54	3	2,886.97	3	2,603.88	3	2,320.78	3	2,037.69
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,728.16	1/4	3,445.06	1/4	3,163.69	1/4	2,881.08	1/4	2,597.98	1/4	2,314.88	1/4	2,031.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,722.26	1/2	3,439.16	1/2	3,157.84	1/2	2,875.19	1/2	2,592.08	1/2	2,308.99	1/2	2,025.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,716.37	3/4	3,433.27	3/4	3,151.99	3/4	2,869.29	3/4	2,586.18	3/4	2,303.09	3/4	2,020.01
4		4		4		4	3,710.47	4	3,427.38	4	3,146.14	4	2,863.40	4	2,580.28	4	2,297.19	4	2,014.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,704.57	1/4	3,421.48	1/4	3,140.28	1/4	2,857.50	1/4	2,574.38	1/4	2,291.29	1/4	2,008.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,698.68	1/2	3,415.58	1/2	3,134.43	1/2	2,851.59	1/2	2,568.49	1/2	2,285.40	1/2	2,002.32
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,692.78	3/4	3,409.68	3/4	3,128.57	3/4	2,845.69	3/4	2,562.59	3/4	2,279.51	3/4	1,996.42
5		5		5		5	3,686.88	5	3,403.78	5	3,122.71	5	2,839.78	5	2,556.69	5	2,273.61	5	1,990.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,680.98	1/4	3,397.88	1/4	3,116.85	1/4	2,833.88	1/4	2,550.79	1/4	2,267.72	1/4	1,984.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,675.08	1/2	3,391.99	1/2	3,110.99	1/2	2,827.99	1/2	2,544.89	1/2	2,261.82	1/2	1,978.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,669.18	3/4	3,386.09	3/4	3,105.12	3/4	2,822.09	3/4	2,538.99	3/4	2,255.92	3/4	1,972.82
6		6		6		6	3,663.28	6	3,380.19	6	3,099.25	6	2,816.19	6	2,533.09	6	2,250.02	6	1,966.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,657.38	1/4	3,374.31	1/4	3,093.37	1/4	2,810.29	1/4	2,527.20	1/4	2,244.12	1/4	1,961.03
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,651.49	1/2	3,368.43	1/2	3,087.47	1/2	2,804.39	1/2	2,521.31	1/2	2,238.22	1/2	1,955.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,645.59	3/4	3,362.54	3/4	3,081.58	3/4	2,798.49	3/4	2,515.41	3/4	2,232.32	3/4	1,949.23
7		7	3,908.14	7	3,639.69	7	3,356.67	7	3,075.69	7	2,792.59	7	2,509.52	7	2,226.43	7	1,943.33		
1/4	1/4	1/4	3,901.89	1/4	3,633.79	1/4	3,350.81	1/4	3,069.79	1/4	2,786.70	1/4	2,503.62	1/4	2,220.53	1/4	1,937.43		
1/2	1/2	1/2	3,898.33	1/2	3,627.89	1/2	3,344.96	1/2	3,063.90	1/2	2,780.81	1/2	2,497.72	1/2	2,214.63	1/2	1,931.53		
3/4	3/4	3/4	3,894.77	3/4	3,621.99	3/4	3,339.11	3/4	3,058.01	3/4	2,774.91	3/4	2,491.82	3/4	2,208.73	3/4	1,925.63		
8		8	3,890.96	8	3,616.09	8	3,333.26	8	3,052.11	8	2,769.02	8	2,485.93	8	2,202.83	8	1,919.74		
1/4	1/4	1/4	3,886.66	1/4	3,610.19	1/4	3,327.42	1/4	3,046.22	1/4	2,763.12	1/4	2,480.03	1/4	2,196.93	1/4	1,913.84		
1/2	1/2	1/2	3,882.12	1/2	3,604.29	1/2	3,321.58	1/2	3,040.32	1/2	2,757.22	1/2	2,474.13	1/2	2,191.03	1/2	1,907.94		
3/4	3/4	3/4	3,877.57	3/4	3,598.40	3/4	3,315.74	3/4	3,034.42	3/4	2,751.32	3/4	2,468.23	3/4	2,185.13	3/4	1,902.04		
9		9	3,872.62	9	3,592.50	9	3,309.90	9	3,028.52	9	2,745.43	9	2,462.33	9	2,179.24	9	1,896.14		
1/4	1/4	1/4	3,867.65	1/4	3,586.60	1/4	3,304.07	1/4	3,022.62	1/4	2,739.53	1/4	2,456.43	1/4	2,173.34	1/4	1,890.25		
1/2	1/2	1/2	3,862.28	1/2	3,580.71	1/2	3,298.24	1/2	3,016.72	1/2	2,733.63	1/2	2,450.53	1/2	2,167.44	1/2	1,884.35		
3/4	3/4	3/4	3,856.91	3/4	3,574.82	3/4	3,292.40	3/4	3,010.82	3/4	2,727.73	3/4	2,444.63	3/4	2,161.54	3/4	1,878.46		
10		10	3,851.44	10	3,568.92	10	3,286.56	10	3,004.93	10	2,721.83	10	2,438.74	10	2,155.64	10	1,872.57		
1/4	1/4	1/4	3,845.75	1/4	3,563.03	1/4	3,280.72	1/4	2,999.03	1/4	2,715.93	1/4	2,432.84	1/4	2,149.75	1/4	1,866.67		
1/2	1/2	1/2	3,839.96	1/2	3,557.13	1/2	3,274.87	1/2	2,993.13	1/2	2,710.03	1/2	2,426.94	1/2	2,143.85	1/2	1,860.77		
3/4	3/4	3/4	3,834.17	3/4	3,551.23	3/4	3,269.02	3/4	2,987.23	3/4	2,704.13	3/4	2,421.04	3/4	2,137.96	3/4	1,854.87		
11		11	3,828.35	11	3,545.33	11	3,263.16	11	2,981.33	11	2,698.24	11	2,415.14	11	2,132.07	11	1,848.97		
1/4	1/4	1/4	3,822.49	1/4	3,539.43	1/4	3,257.31	1/4	2,975.44	1/4	2,692.34	1/4	2,409.25	1/4	2,126.17	1/4	1,843.07		
1/2	1/2	1/2	3,816.60	1/2	3,533.53	1/2	3,251.46	1/2	2,969.54	1/2	2,686.44	1/2	2,403.35	1/2	2,120.27	1/2	1,837.18		
3/4	3/4	3/4	3,810.72	3/4	3,527.63	3/4	3,245.61	3/4	2,963.65	3/4	2,680.54	3/4	2,397.46	3/4	2,114.37	3/4	1,831.28		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-04" OFF CENTERLINE AND 37'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "WEB 311"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,825.38	0	1,542.28	0	1,259.21	0	976.12	0	693.02	0	410.82	0	153.44	0		0		0	
1/4	1,819.48	1/4	1,536.38	1/4	1,253.31	1/4	970.22	1/4	687.12	1/4	405.10	1/4	148.54 ^{1/4}	1/4		1/4		1/4	
1/2	1,813.58	1/2	1,530.49	1/2	1,247.41	1/2	964.32	1/2	681.22	1/2	399.40	1/2	143.68 ^{1/2}	1/2		1/2		1/2	
3/4	1,807.68	3/4	1,524.59	3/4	1,241.51	3/4	958.42	3/4	675.32	3/4	393.70	3/4	138.81 ^{3/4}	3/4		3/4		3/4	
1	1,801.78	1	1,518.69	1	1,235.62	1	952.52	1	669.43	1	388.01	1	133.98	1		1		1	
1/4	1,795.88	1/4	1,512.79	1/4	1,229.72	1/4	946.62	1/4	663.53	1/4	382.36	1/4	129.19 ^{1/4}	1/4		1/4		1/4	
1/2	1,789.99	1/2	1,506.90	1/2	1,223.82	1/2	940.72	1/2	657.63	1/2	376.71	1/2	124.44 ^{1/2}	1/2		1/2		1/2	
3/4	1,784.09	3/4	1,501.01	3/4	1,217.92	3/4	934.82	3/4	651.73	3/4	371.07	3/4	119.68 ^{3/4}	3/4		3/4		3/4	
2	1,778.19	2	1,495.11	2	1,212.02	2	928.93	2	645.83	2	365.44	2	114.94	2		2		2	
1/4	1,772.29	1/4	1,489.22	1/4	1,206.12	1/4	923.03	1/4	639.94	1/4	359.86	1/4	110.24 ^{1/4}	1/4		1/4		1/4	
1/2	1,766.40	1/2	1,483.32	1/2	1,200.22	1/2	917.13	1/2	634.04	1/2	354.27	1/2	105.56 ^{1/2}	1/2		1/2		1/2	
3/4	1,760.51	3/4	1,477.42	3/4	1,194.32	3/4	911.23	3/4	628.15	3/4	348.69	3/4	100.87 ^{3/4}	3/4		3/4		3/4	
3	1,754.61	3	1,471.52	3	1,188.43	3	905.33	3	622.26	3	343.13	3	96.20	3		3		3	
1/4	1,748.72	1/4	1,465.62	1/4	1,182.53	1/4	899.44	1/4	616.36	1/4	337.60	1/4	91.66	1/4		1/4		1/4	
1/2	1,742.82	1/2	1,469.72	1/2	1,176.63	1/2	893.54	1/2	610.46	1/2	332.08	1/2	86.94	1/2		1/2		1/2	
3/4	1,736.92	3/4	1,463.82	3/4	1,170.73	3/4	887.65	3/4	604.56	3/4	326.56	3/4	82.31	3/4		3/4		3/4	
4	1,731.02	4	1,447.93	4	1,164.83	4	881.76	4	598.66	4	321.06	4	77.70	4		4		4	
1/4	1,725.12	1/4	1,442.03	1/4	1,158.93	1/4	875.86	1/4	592.76	1/4	315.59	1/4	73.12	1/4		1/4		1/4	
1/2	1,719.22	1/2	1,436.13	1/2	1,153.03	1/2	869.96	1/2	586.87	1/2	310.14	1/2	68.56	1/2		1/2		1/2	
3/4	1,713.32	3/4	1,430.23	3/4	1,147.13	3/4	864.06	3/4	580.97	3/4	304.69	3/4	63.99	3/4		3/4		3/4	
5	1,707.43	5	1,424.33	5	1,141.24	5	858.16	5	575.07	5	299.26	5	59.44	5		5		5	
1/4	1,701.53	1/4	1,418.43	1/4	1,135.34	1/4	852.26	1/4	569.17	1/4	293.84	1/4	54.93	1/4		1/4		1/4	
1/2	1,695.63	1/2	1,412.53	1/2	1,129.45	1/2	846.37	1/2	563.27	1/2	288.46	1/2	50.43	1/2		1/2		1/2	
3/4	1,689.73	3/4	1,406.63	3/4	1,123.56	3/4	840.47	3/4	557.37	3/4	283.06	3/4	45.93	3/4		3/4		3/4	
6	1,683.83	6	1,400.74	6	1,117.66	6	834.57	6	551.47	6	277.68	6	41.53	6		6		6	
1/4	1,677.93	1/4	1,394.84	1/4	1,111.76	1/4	828.67	1/4	545.57	1/4	272.33	1/4	37.34	1/4		1/4		1/4	
1/2	1,672.03	1/2	1,388.95	1/2	1,105.87	1/2	822.77	1/2	539.68	1/2	267.00	1/2	33.26	1/2		1/2		1/2	
3/4	1,666.13	3/4	1,383.06	3/4	1,099.97	3/4	816.87	3/4	533.78	3/4	261.66	3/4	29.18	3/4		3/4		3/4	
7	1,660.24	7	1,377.16	7	1,094.07	7	810.97	7	527.88	7	256.36	7	25.33	7		7		7	
1/4	1,654.34	1/4	1,371.26	1/4	1,088.17	1/4	805.07	1/4	521.98	1/4	251.06	1/4	21.97	1/4		1/4		1/4	
1/2	1,648.45	1/2	1,365.37	1/2	1,082.27	1/2	799.18	1/2	516.08	1/2	246.79	1/2	18.85	1/2		1/2		1/2	
3/4	1,642.56	3/4	1,359.47	3/4	1,076.37	3/4	793.28	3/4	510.18	3/4	240.53	3/4	15.73	3/4		3/4		3/4	
8	1,636.66	8	1,353.57	8	1,070.47	8	787.38	8	504.28	8	236.27	8	12.61	8		8		8	
1/4	1,630.76	1/4	1,347.67	1/4	1,064.57	1/4	781.48	1/4	498.39	1/4	230.05	1/4		1/4		1/4		1/4	
1/2	1,624.87	1/2	1,341.77	1/2	1,058.68	1/2	775.58	1/2	492.50	1/2	224.84	1/2		1/2		1/2		1/2	
3/4	1,618.97	3/4	1,335.87	3/4	1,052.78	3/4	769.68	3/4	486.60	3/4	219.63	3/4		3/4		3/4		3/4	
9	1,613.07	9	1,329.97	9	1,046.88	9	763.78	9	480.71	9	214.44	9		9		9		9	
1/4	1,607.17	1/4	1,324.07	1/4	1,040.98	1/4	757.89	1/4	474.83	1/4	209.28	1/4		1/4		1/4		1/4	
1/2	1,601.27	1/2	1,318.18	1/2	1,035.08	1/2	752.00	1/2	468.95	1/2	204.13	1/2		1/2		1/2		1/2	
3/4	1,595.37	3/4	1,312.28	3/4	1,029.18	3/4	746.10	3/4	463.07	3/4	198.98	3/4		3/4		3/4		3/4	
10	1,589.47	10	1,306.38	10	1,023.28	10	740.21	10	457.20	10	193.85	10		10		10		10	
1/4	1,583.57	1/4	1,300.48	1/4	1,017.39	1/4	734.31	1/4	451.36	1/4	188.75	1/4		1/4		1/4		1/4	
1/2	1,577.68	1/2	1,294.58	1/2	1,011.50	1/2	728.41	1/2	445.53	1/2	183.66	1/2		1/2		1/2		1/2	
3/4	1,571.78	3/4	1,288.68	3/4	1,005.60	3/4	722.51	3/4	439.71	3/4	178.58	3/4		3/4		3/4		3/4	
11	1,565.88	11	1,282.78	11	999.71	11	716.62	11	433.89	11	173.51	11		11		11		11	
1/4	1,559.98	1/4	1,276.89	1/4	993.81	1/4	710.72	1/4	428.11	1/4	168.47	1/4		1/4		1/4		1/4	
1/2	1,554.08	1/2	1,271.00	1/2	987.91	1/2	704.82	1/2	422.34	1/2	163.45	1/2		1/2		1/2		1/2	
3/4	1,548.18	3/4	1,265.10	3/4	982.01	3/4	698.92	3/4	416.57	3/4	158.43	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2001 ITS
CALCULATED: 06/07/2016 SW
PRINTED: 06/08/2016 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "WEB 311"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	3,822.10	0	3,638.17	0	3,255.32	0	2,972.51	0	2,688.61	0	2,404.68	0	2,120.76
1/4		1/4		1/4		1/4	3,816.19	1/4	3,632.26	1/4	3,249.45	1/4	2,966.60	1/4	2,682.69	1/4	2,398.76	1/4	2,114.84
1/2		1/2		1/2		1/2	3,810.28	1/2	3,626.35	1/2	3,243.58	1/2	2,960.69	1/2	2,676.78	1/2	2,392.85	1/2	2,108.92
3/4		3/4		3/4		3/4	3,804.36	3/4	3,620.43	3/4	3,237.72	3/4	2,954.78	3/4	2,670.86	3/4	2,386.93	3/4	2,103.00
1		1		1		1	3,798.44	1	3,614.51	1	3,231.85	1	2,948.86	1	2,664.94	1	2,381.01	1	2,097.09
1/4		1/4		1/4		1/4	3,792.53	1/4	3,608.60	1/4	3,225.98	1/4	2,942.95	1/4	2,669.03	1/4	2,375.10	1/4	2,091.17
1/2		1/2		1/2		1/2	3,786.61	1/2	3,602.68	1/2	3,220.11	1/2	2,937.04	1/2	2,663.11	1/2	2,369.18	1/2	2,085.25
3/4		3/4		3/4		3/4	3,780.69	3/4	3,496.76	3/4	3,214.24	3/4	2,931.12	3/4	2,647.19	3/4	2,363.26	3/4	2,079.34
2		2		2		2	3,774.78	2	3,490.85	2	3,208.37	2	2,925.20	2	2,641.28	2	2,357.35	2	2,073.42
1/4		1/4		1/4		1/4	3,768.86	1/4	3,484.93	1/4	3,202.50	1/4	2,919.29	1/4	2,635.36	1/4	2,351.43	1/4	2,067.50
1/2		1/2		1/2		1/2	3,762.94	1/2	3,479.01	1/2	3,196.63	1/2	2,913.37	1/2	2,629.45	1/2	2,345.52	1/2	2,061.59
3/4		3/4		3/4		3/4	3,757.03	3/4	3,473.10	3/4	3,190.76	3/4	2,907.45	3/4	2,623.54	3/4	2,339.61	3/4	2,055.68
3		3		3		3	3,751.11	3	3,467.18	3	3,184.89	3	2,901.54	3	2,617.63	3	2,333.70	3	2,049.77
1/4		1/4		1/4		1/4	3,745.19	1/4	3,461.27	1/4	3,179.02	1/4	2,895.62	1/4	2,611.71	1/4	2,327.79	1/4	2,043.86
1/2		1/2		1/2		1/2	3,739.28	1/2	3,455.36	1/2	3,173.15	1/2	2,889.70	1/2	2,605.80	1/2	2,321.87	1/2	2,037.94
3/4		3/4		3/4		3/4	3,733.37	3/4	3,449.44	3/4	3,167.28	3/4	2,883.79	3/4	2,599.88	3/4	2,315.95	3/4	2,032.03
4		4		4		4	3,727.46	4	3,443.53	4	3,161.40	4	2,877.87	4	2,593.97	4	2,310.04	4	2,026.11
1/4		1/4		1/4		1/4	3,721.55	1/4	3,437.62	1/4	3,155.53	1/4	2,871.96	1/4	2,588.06	1/4	2,304.12	1/4	2,020.19
1/2		1/2		1/2		1/2	3,715.63	1/2	3,431.70	1/2	3,149.66	1/2	2,866.04	1/2	2,582.13	1/2	2,298.20	1/2	2,014.28
3/4		3/4		3/4		3/4	3,709.72	3/4	3,425.79	3/4	3,143.79	3/4	2,860.13	3/4	2,576.22	3/4	2,292.29	3/4	2,008.36
5		5		5		5	3,703.80	5	3,419.87	5	3,137.92	5	2,854.22	5	2,570.30	5	2,286.37	5	2,002.44
1/4		1/4		1/4		1/4	3,697.88	1/4	3,413.95	1/4	3,132.05	1/4	2,848.31	1/4	2,564.38	1/4	2,280.45	1/4	1,996.53
1/2		1/2		1/2		1/2	3,691.97	1/2	3,408.04	1/2	3,126.17	1/2	2,842.40	1/2	2,558.47	1/2	2,274.54	1/2	1,990.61
3/4		3/4		3/4		3/4	3,686.06	3/4	3,402.12	3/4	3,120.29	3/4	2,836.49	3/4	2,552.55	3/4	2,268.62	3/4	1,984.69
6		6		6		6	3,680.13	6	3,396.20	6	3,114.41	6	2,830.58	6	2,546.63	6	2,262.70	6	1,978.78
1/4		1/4		1/4		1/4	3,674.22	1/4	3,390.29	1/4	3,108.52	1/4	2,824.67	1/4	2,540.72	1/4	2,256.79	1/4	1,972.86
1/2		1/2		1/2	3,925.24	1/2	3,668.30	1/2	3,384.39	1/2	3,102.61	1/2	2,818.75	1/2	2,534.81	1/2	2,250.88	1/2	1,966.95
3/4		3/4		3/4	3,922.53	3/4	3,662.38	3/4	3,378.49	3/4	3,096.70	3/4	2,812.84	3/4	2,528.89	3/4	2,244.97	3/4	1,961.04
7		7		7	3,919.81	7	3,666.47	7	3,372.59	7	3,090.79	7	2,806.92	7	2,522.98	7	2,239.06	7	1,955.13
1/4		1/4		1/4	3,916.88	1/4	3,660.56	1/4	3,366.70	1/4	3,084.88	1/4	2,801.00	1/4	2,517.07	1/4	2,233.14	1/4	1,949.21
1/2		1/2		1/2	3,913.53	1/2	3,644.64	1/2	3,360.82	1/2	3,078.97	1/2	2,795.09	1/2	2,511.16	1/2	2,227.23	1/2	1,943.30
3/4		3/4		3/4	3,909.95	3/4	3,638.73	3/4	3,354.95	3/4	3,073.06	3/4	2,789.17	3/4	2,505.24	3/4	2,221.31	3/4	1,937.38
8		8		8	3,906.38	8	3,632.82	8	3,349.09	8	3,067.15	8	2,783.25	8	2,499.32	8	2,215.39	8	1,931.47
1/4		1/4		1/4	3,902.56	1/4	3,626.91	1/4	3,343.22	1/4	3,061.24	1/4	2,777.34	1/4	2,493.41	1/4	2,209.48	1/4	1,925.55
1/2		1/2		1/2	3,898.25	1/2	3,620.99	1/2	3,337.36	1/2	3,055.32	1/2	2,771.42	1/2	2,487.49	1/2	2,203.56	1/2	1,919.63
3/4		3/4		3/4	3,893.69	3/4	3,615.07	3/4	3,331.50	3/4	3,049.41	3/4	2,765.50	3/4	2,481.57	3/4	2,197.64	3/4	1,913.72
9		9		9	3,889.13	9	3,609.16	9	3,325.64	9	3,043.49	9	2,759.59	9	2,475.66	9	2,191.73	9	1,907.80
1/4		1/4		1/4	3,884.37	1/4	3,603.24	1/4	3,319.79	1/4	3,037.57	1/4	2,753.67	1/4	2,469.74	1/4	2,185.81	1/4	1,901.88
1/2		1/2		1/2	3,879.19	1/2	3,597.32	1/2	3,313.94	1/2	3,031.66	1/2	2,747.75	1/2	2,463.82	1/2	2,179.89	1/2	1,895.97
3/4		3/4		3/4	3,873.81	3/4	3,591.41	3/4	3,308.09	3/4	3,025.75	3/4	2,741.84	3/4	2,457.91	3/4	2,173.98	3/4	1,890.05
10		10		10	3,868.43	10	3,585.49	10	3,302.23	10	3,019.84	10	2,735.92	10	2,451.99	10	2,168.06	10	1,884.13
1/4		1/4		1/4	3,862.94	1/4	3,579.57	1/4	3,296.38	1/4	3,013.93	1/4	2,730.00	1/4	2,446.07	1/4	2,162.15	1/4	1,878.22
1/2		1/2		1/2	3,857.24	1/2	3,573.66	1/2	3,290.52	1/2	3,008.01	1/2	2,724.09	1/2	2,440.16	1/2	2,156.23	1/2	1,872.31
3/4		3/4		3/4	3,851.43	3/4	3,567.74	3/4	3,284.66	3/4	3,002.10	3/4	2,718.18	3/4	2,434.25	3/4	2,150.32	3/4	1,866.39
11		11		11	3,845.62	11	3,561.82	11	3,278.79	11	2,996.18	11	2,712.27	11	2,428.34	11	2,144.41	11	1,860.48
1/4		1/4		1/4	3,839.79	1/4	3,555.91	1/4	3,272.93	1/4	2,990.26	1/4	2,706.36	1/4	2,422.43	1/4	2,138.50	1/4	1,854.57
1/2		1/2		1/2	3,833.91	1/2	3,550.00	1/2	3,267.06	1/2	2,984.35	1/2	2,700.44	1/2	2,416.51	1/2	2,132.59	1/2	1,848.66
3/4		3/4		3/4	3,828.00	3/4	3,544.09	3/4	3,261.19	3/4	2,978.43	3/4	2,694.53	3/4	2,410.60	3/4	2,126.67	3/4	1,842.74

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 37'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 311"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	1,836.82	0	1,562.89	0	1,268.97	0	986.03	0	701.10	0	417.93	0	158.92	0		0		0	
1/4	1,830.91	1/4	1,546.98	1/4	1,263.05	1/4	979.12	1/4	695.19	1/4	412.16	1/4	153.92 ^{1/4}		1/4		1/4		1/4
1/2	1,824.99	1/2	1,541.06	1/2	1,257.13	1/2	973.20	1/2	689.28	1/2	406.42	1/2	149.00 ^{1/2}		1/2		1/2		1/2
3/4	1,819.07	3/4	1,535.14	3/4	1,251.22	3/4	967.29	3/4	683.36	3/4	400.70	3/4	144.12 ^{3/4}		3/4		3/4		3/4
1	1,813.16	1	1,529.23	1	1,245.30	1	961.37	1	677.44	1	394.98	1	139.24	1		1		1	
1/4	1,807.24	1/4	1,523.31	1/4	1,239.38	1/4	955.46	1/4	671.53	1/4	389.28	1/4	134.39 ^{1/4}		1/4		1/4		1/4
1/2	1,801.32	1/2	1,517.39	1/2	1,233.47	1/2	949.54	1/2	665.61	1/2	383.60	1/2	129.59 ^{1/2}		1/2		1/2		1/2
3/4	1,795.41	3/4	1,511.48	3/4	1,227.55	3/4	943.62	3/4	659.69	3/4	377.94	3/4	124.82 ^{3/4}		3/4		3/4		3/4
2	1,789.49	2	1,505.56	2	1,221.63	2	937.70	2	653.78	2	372.28	2	120.06	2		2		2	
1/4	1,783.57	1/4	1,499.65	1/4	1,215.72	1/4	931.79	1/4	647.86	1/4	366.64	1/4	115.30 ^{1/4}		1/4		1/4		1/4
1/2	1,777.66	1/2	1,493.73	1/2	1,209.81	1/2	925.87	1/2	641.94	1/2	361.03	1/2	110.59 ^{1/2}		1/2		1/2		1/2
3/4	1,771.75	3/4	1,487.82	3/4	1,203.89	3/4	919.95	3/4	636.03	3/4	355.43	3/4	105.88 ^{3/4}		3/4		3/4		3/4
3	1,766.84	3	1,481.91	3	1,197.98	3	914.04	3	630.11	3	349.84	3	101.18	3		3		3	
1/4	1,759.93	1/4	1,476.00	1/4	1,192.07	1/4	908.12	1/4	624.19	1/4	344.25	1/4	96.49	1/4		1/4		1/4	
1/2	1,754.01	1/2	1,470.09	1/2	1,186.16	1/2	902.21	1/2	618.28	1/2	338.70	1/2	91.84	1/2		1/2		1/2	
3/4	1,748.10	3/4	1,464.17	3/4	1,180.24	3/4	896.30	3/4	612.37	3/4	333.17	3/4	87.20	3/4		3/4		3/4	
4	1,742.18	4	1,458.25	4	1,174.32	4	890.39	4	606.46	4	327.63	4	82.57	4		4		4	
1/4	1,736.26	1/4	1,452.34	1/4	1,168.41	1/4	884.48	1/4	600.55	1/4	322.11	1/4	77.95	1/4		1/4		1/4	
1/2	1,730.35	1/2	1,446.42	1/2	1,162.49	1/2	878.56	1/2	594.63	1/2	316.62	1/2	73.35	1/2		1/2		1/2	
3/4	1,724.43	3/4	1,440.50	3/4	1,156.57	3/4	872.64	3/4	588.72	3/4	311.14	3/4	68.78	3/4		3/4		3/4	
5	1,718.51	5	1,434.59	5	1,150.66	5	866.73	5	582.80	5	305.67	5	64.20	5		5		5	
1/4	1,712.60	1/4	1,428.67	1/4	1,144.74	1/4	860.81	1/4	576.88	1/4	300.21	1/4	59.64	1/4		1/4		1/4	
1/2	1,706.68	1/2	1,422.75	1/2	1,138.82	1/2	854.89	1/2	570.97	1/2	294.78	1/2	55.10	1/2		1/2		1/2	
3/4	1,700.76	3/4	1,416.84	3/4	1,132.91	3/4	848.98	3/4	565.05	3/4	289.37	3/4	50.59	3/4		3/4		3/4	
6	1,694.85	6	1,410.92	6	1,126.99	6	843.06	6	559.13	6	283.96	6	46.07	6		6		6	
1/4	1,688.93	1/4	1,405.00	1/4	1,121.07	1/4	837.14	1/4	553.22	1/4	278.56	1/4	41.66	1/4		1/4		1/4	
1/2	1,683.02	1/2	1,399.09	1/2	1,115.16	1/2	831.23	1/2	547.30	1/2	273.20	1/2	37.45	1/2		1/2		1/2	
3/4	1,677.11	3/4	1,393.18	3/4	1,109.24	3/4	825.31	3/4	541.38	3/4	267.85	3/4	33.36	3/4		3/4		3/4	
7	1,671.20	7	1,387.27	7	1,103.32	7	819.39	7	535.47	7	262.50	7	29.26	7		7		7	
1/4	1,665.29	1/4	1,381.36	1/4	1,097.41	1/4	813.48	1/4	529.55	1/4	257.16	1/4	25.41	1/4		1/4		1/4	
1/2	1,659.37	1/2	1,375.44	1/2	1,091.50	1/2	807.57	1/2	523.64	1/2	251.86	1/2	22.04	1/2		1/2		1/2	
3/4	1,653.45	3/4	1,369.53	3/4	1,085.59	3/4	801.66	3/4	517.73	3/4	246.57	3/4	18.90	3/4		3/4		3/4	
8	1,647.54	8	1,363.61	8	1,079.67	8	796.75	8	511.82	8	241.29	8	15.77	8		8		8	
1/4	1,641.62	1/4	1,357.69	1/4	1,073.76	1/4	789.83	1/4	505.91	1/4	236.02	1/4	12.64	1/4		1/4		1/4	
1/2	1,635.70	1/2	1,351.78	1/2	1,067.85	1/2	783.92	1/2	499.99	1/2	230.78	1/2		1/2		1/2		1/2	
3/4	1,629.79	3/4	1,345.86	3/4	1,061.93	3/4	778.00	3/4	494.07	3/4	225.55	3/4		3/4		3/4		3/4	
9	1,623.87	9	1,339.94	9	1,056.01	9	772.09	9	488.16	9	220.32	9		9		9		9	
1/4	1,617.95	1/4	1,334.03	1/4	1,050.10	1/4	766.17	1/4	482.25	1/4	215.11	1/4		1/4		1/4		1/4	
1/2	1,612.04	1/2	1,328.11	1/2	1,044.18	1/2	760.25	1/2	476.35	1/2	209.94	1/2		1/2		1/2		1/2	
3/4	1,606.12	3/4	1,322.19	3/4	1,038.26	3/4	754.34	3/4	470.45	3/4	204.78	3/4		3/4		3/4		3/4	
10	1,600.20	10	1,316.28	10	1,032.35	10	748.42	10	464.56	10	199.61	10		10		10		10	
1/4	1,594.29	1/4	1,310.36	1/4	1,026.43	1/4	742.50	1/4	458.68	1/4	194.47	1/4		1/4		1/4		1/4	
1/2	1,588.38	1/2	1,304.45	1/2	1,020.51	1/2	736.59	1/2	452.82	1/2	189.35	1/2		1/2		1/2		1/2	
3/4	1,582.47	3/4	1,298.54	3/4	1,014.60	3/4	730.67	3/4	446.98	3/4	184.25	3/4		3/4		3/4		3/4	
11	1,576.56	11	1,292.63	11	1,008.68	11	724.75	11	441.13	11	179.15	11		11		11		11	
1/4	1,570.64	1/4	1,286.71	1/4	1,002.77	1/4	718.84	1/4	435.30	1/4	174.06	1/4		1/4		1/4		1/4	
1/2	1,564.73	1/2	1,280.80	1/2	996.85	1/2	712.92	1/2	429.50	1/2	169.01	1/2		1/2		1/2		1/2	
3/4	1,558.81	3/4	1,274.88	3/4	990.94	3/4	707.01	3/4	423.72	3/4	163.97	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2001 ITS
CALCULATED: 06/07/2016 SW
PRINTED: 06/08/2016 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

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



BARGE "WEB 311"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	5,103.74	0	4,730.70	0	4,358.83	0	3,988.79	0	3,616.30	0	3,243.26	0	2,870.18
1/4		1/4		1/4		1/4	5,095.98	1/4	4,722.93	1/4	4,351.13	1/4	3,981.05	1/4	3,608.53	1/4	3,235.48	1/4	2,862.41
1/2		1/2		1/2		1/2	5,088.21	1/2	4,715.16	1/2	4,343.44	1/2	3,973.31	1/2	3,600.76	1/2	3,227.71	1/2	2,854.63
3/4		3/4		3/4		3/4	5,080.44	3/4	4,707.38	3/4	4,335.75	3/4	3,965.58	3/4	3,592.99	3/4	3,219.93	3/4	2,846.86
1		1		1		1	5,072.68	1	4,699.61	1	4,328.07	1	3,957.84	1	3,585.22	1	3,212.16	1	2,839.09
1/4		1/4		1/4		1/4	5,064.91	1/4	4,691.84	1/4	4,320.39	1/4	3,950.10	1/4	3,577.45	1/4	3,204.38	1/4	2,831.31
1/2		1/2		1/2		1/2	5,057.13	1/2	4,684.06	1/2	4,312.71	1/2	3,942.36	1/2	3,569.68	1/2	3,196.61	1/2	2,823.54
3/4		3/4		3/4		3/4	5,049.36	3/4	4,676.29	3/4	4,305.03	3/4	3,934.62	3/4	3,561.91	3/4	3,188.84	3/4	2,815.77
2		2		2		2	5,041.59	2	4,668.52	2	4,297.35	2	3,926.88	2	3,554.13	2	3,181.06	2	2,807.99
1/4		1/4		1/4		1/4	5,033.81	1/4	4,660.74	1/4	4,289.67	1/4	3,919.15	1/4	3,546.36	1/4	3,173.29	1/4	2,800.22
1/2		1/2		1/2		1/2	5,026.04	1/2	4,652.97	1/2	4,281.99	1/2	3,911.41	1/2	3,538.59	1/2	3,165.52	1/2	2,792.45
3/4		3/4		3/4		3/4	5,018.27	3/4	4,645.19	3/4	4,274.31	3/4	3,903.67	3/4	3,530.81	3/4	3,157.74	3/4	2,784.68
3		3		3		3	5,010.49	3	4,637.42	3	4,266.64	3	3,895.93	3	3,523.04	3	3,149.97	3	2,776.91
1/4		1/4		1/4		1/4	5,002.72	1/4	4,629.65	1/4	4,258.96	1/4	3,888.19	1/4	3,515.27	1/4	3,142.20	1/4	2,769.15
1/2		1/2		1/2		1/2	4,994.94	1/2	4,621.88	1/2	4,251.28	1/2	3,880.46	1/2	3,507.49	1/2	3,134.43	1/2	2,761.37
3/4		3/4		3/4		3/4	4,987.17	3/4	4,614.11	3/4	4,243.60	3/4	3,872.71	3/4	3,499.72	3/4	3,126.66	3/4	2,753.60
4		4		4		4	4,979.40	4	4,606.34	4	4,235.92	4	3,864.96	4	3,491.94	4	3,118.89	4	2,745.83
1/4		1/4		1/4		1/4	4,971.62	1/4	4,598.57	1/4	4,228.24	1/4	3,857.21	1/4	3,484.17	1/4	3,111.12	1/4	2,738.06
1/2		1/2		1/2		1/2	4,963.86	1/2	4,590.80	1/2	4,220.56	1/2	3,849.45	1/2	3,476.40	1/2	3,103.35	1/2	2,730.28
3/4		3/4		3/4		3/4	4,956.09	3/4	4,583.03	3/4	4,212.88	3/4	3,841.68	3/4	3,468.63	3/4	3,095.58	3/4	2,722.50
5		5		5		5	4,948.32	5	4,575.26	5	4,205.21	5	3,833.91	5	3,460.87	5	3,087.80	5	2,714.73
1/4		1/4		1/4		1/4	4,940.55	1/4	4,567.48	1/4	4,197.52	1/4	3,826.15	1/4	3,453.10	1/4	3,080.03	1/4	2,706.96
1/2		1/2		1/2		1/2	4,932.78	1/2	4,559.71	1/2	4,189.83	1/2	3,818.38	1/2	3,445.33	1/2	3,072.25	1/2	2,699.18
3/4		3/4		3/4		3/4	4,925.00	3/4	4,551.93	3/4	4,182.12	3/4	3,810.61	3/4	3,437.55	3/4	3,064.48	3/4	2,691.41
6		6		6		6	4,917.23	6	4,544.16	6	4,174.42	6	3,802.84	6	3,429.78	6	3,056.71	6	2,683.63
1/4		1/4		1/4		1/4	4,909.46	1/4	4,536.39	1/4	4,166.71	1/4	3,795.07	1/4	3,422.00	1/4	3,048.93	1/4	2,675.86
1/2		1/2		1/2		1/2	4,901.68	1/2	4,528.63	1/2	4,158.99	1/2	3,787.30	1/2	3,414.23	1/2	3,041.16	1/2	2,668.09
3/4		3/4		3/4		3/4	4,893.91	3/4	4,520.88	3/4	4,151.27	3/4	3,779.53	3/4	3,406.46	3/4	3,033.38	3/4	2,660.33
7		7		7		7	4,886.13	7	4,513.13	7	4,143.54	7	3,771.75	7	3,398.68	7	3,025.61	7	2,652.56
1/4		1/4		1/4		1/4	4,878.36	1/4	4,505.39	1/4	4,135.81	1/4	3,763.98	1/4	3,390.91	1/4	3,017.84	1/4	2,644.79
1/2		1/2		1/2	5,221.98	1/2	4,870.59	1/2	4,497.66	1/2	4,128.08	1/2	3,756.21	1/2	3,383.13	1/2	3,010.07	1/2	2,637.02
3/4		3/4		3/4	5,219.55	3/4	4,862.83	3/4	4,489.93	3/4	4,120.34	3/4	3,748.43	3/4	3,375.36	3/4	3,002.30	3/4	2,629.24
8		8		8	5,214.68	8	4,855.06	8	4,482.21	8	4,112.60	8	3,740.66	8	3,367.59	8	2,994.53	8	2,621.47
1/4		1/4		1/4	5,209.53	1/4	4,847.29	1/4	4,474.48	1/4	4,104.86	1/4	3,732.88	1/4	3,359.81	1/4	2,986.76	1/4	2,613.69
1/2		1/2		1/2	5,203.83	1/2	4,839.52	1/2	4,466.77	1/2	4,097.12	1/2	3,725.11	1/2	3,352.05	1/2	2,978.99	1/2	2,605.92
3/4		3/4		3/4	5,197.84	3/4	4,831.74	3/4	4,459.05	3/4	4,089.38	3/4	3,717.34	3/4	3,344.28	3/4	2,971.22	3/4	2,598.15
9		9		9	5,191.85	9	4,823.97	9	4,451.34	9	4,081.65	9	3,709.56	9	3,336.51	9	2,963.44	9	2,590.37
1/4		1/4		1/4	5,185.59	1/4	4,816.19	1/4	4,443.62	1/4	4,073.91	1/4	3,701.79	1/4	3,328.74	1/4	2,955.67	1/4	2,582.60
1/2		1/2		1/2	5,178.78	1/2	4,808.42	1/2	4,435.91	1/2	4,066.17	1/2	3,694.02	1/2	3,320.97	1/2	2,947.90	1/2	2,574.83
3/4		3/4		3/4	5,171.71	3/4	4,800.65	3/4	4,428.21	3/4	4,058.43	3/4	3,686.25	3/4	3,313.19	3/4	2,940.12	3/4	2,567.06
10		10		10	5,164.63	10	4,792.87	10	4,420.50	10	4,050.69	10	3,678.49	10	3,305.42	10	2,932.35	10	2,559.28
1/4		1/4		1/4	5,157.41	1/4	4,785.10	1/4	4,412.79	1/4	4,042.96	1/4	3,670.72	1/4	3,297.65	1/4	2,924.58	1/4	2,551.51
1/2		1/2		1/2	5,149.92	1/2	4,777.33	1/2	4,405.08	1/2	4,035.22	1/2	3,662.94	1/2	3,289.87	1/2	2,916.80	1/2	2,543.74
3/4		3/4		3/4	5,142.29	3/4	4,769.55	3/4	4,397.36	3/4	4,027.48	3/4	3,655.17	3/4	3,282.10	3/4	2,909.03	3/4	2,535.97
11		11		11	5,134.66	11	4,761.78	11	4,389.65	11	4,019.74	11	3,647.40	11	3,274.33	11	2,901.25	11	2,528.20
1/4		1/4		1/4	5,126.99	1/4	4,754.01	1/4	4,381.94	1/4	4,012.00	1/4	3,639.62	1/4	3,266.55	1/4	2,893.48	1/4	2,520.43
1/2		1/2		1/2	5,119.27	1/2	4,746.24	1/2	4,374.23	1/2	4,004.27	1/2	3,631.86	1/2	3,258.78	1/2	2,885.71	1/2	2,512.66
3/4		3/4		3/4	5,111.50	3/4	4,738.47	3/4	4,366.53	3/4	3,996.53	3/4	3,624.08	3/4	3,251.02	3/4	2,877.94	3/4	2,504.88

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-04" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 311"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0	2,497.11	0	2,124.04	0	1,750.99	0	1,377.91	0	1,004.85	0	631.80	0	259.84	0		0		0	
1/4	2,489.34	1/4	2,116.27	1/4	1,743.22	1/4	1,370.15	1/4	997.08	1/4	624.03	1/4	262.11 ^{1/4}			1/4		1/4	
1/2	2,481.56	1/2	2,108.50	1/2	1,735.44	1/2	1,362.37	1/2	989.30	1/2	616.26	1/2	244.44 ^{1/2}			1/2		1/2	
3/4	2,473.79	3/4	2,100.73	3/4	1,727.67	3/4	1,354.60	3/4	981.53	3/4	608.49	3/4	236.81 ^{3/4}			3/4		3/4	
1	2,466.02	1	2,092.96	1	1,719.90	1	1,346.83	1	973.75	1	600.72	1	229.18	1		1		1	
1/4	2,458.24	1/4	2,085.19	1/4	1,712.12	1/4	1,339.05	1/4	965.98	1/4	592.96	1/4	221.57 ^{1/4}			1/4		1/4	
1/2	2,450.47	1/2	2,077.42	1/2	1,704.35	1/2	1,331.28	1/2	958.21	1/2	585.21	1/2	213.99 ^{1/2}			1/2		1/2	
3/4	2,442.71	3/4	2,069.65	3/4	1,696.58	3/4	1,323.50	3/4	950.44	3/4	577.46	3/4	206.43 ^{3/4}			3/4		3/4	
2	2,434.94	2	2,061.87	2	1,688.80	2	1,315.73	2	942.68	2	569.71	2	198.87	2		2		2	
1/4	2,427.17	1/4	2,054.10	1/4	1,681.03	1/4	1,307.96	1/4	934.91	1/4	561.96	1/4	191.31 ^{1/4}			1/4		1/4	
1/2	2,419.40	1/2	2,046.33	1/2	1,673.25	1/2	1,300.19	1/2	927.13	1/2	554.21	1/2	183.75 ^{1/2}			1/2		1/2	
3/4	2,411.62	3/4	2,038.55	3/4	1,665.48	3/4	1,292.42	3/4	919.36	3/4	546.47	3/4	176.19 ^{3/4}			3/4		3/4	
3	2,403.85	3	2,030.78	3	1,657.71	3	1,284.65	3	911.59	3	538.72	3	168.63	3		3		3	
1/4	2,396.08	1/4	2,023.00	1/4	1,649.93	1/4	1,276.88	1/4	903.81	1/4	530.98	1/4	161.08 ^{1/4}			1/4		1/4	
1/2	2,388.30	1/2	2,015.23	1/2	1,642.16	1/2	1,269.11	1/2	896.04	1/2	523.23	1/2	153.52 ^{1/2}			1/2		1/2	
3/4	2,380.53	3/4	2,007.46	3/4	1,634.40	3/4	1,261.34	3/4	888.27	3/4	515.48	3/4	145.97 ^{3/4}			3/4		3/4	
4	2,372.75	4	1,999.68	4	1,626.63	4	1,253.56	4	880.49	4	507.73	4	138.41	4		4		4	
1/4	2,364.98	1/4	1,991.91	1/4	1,618.86	1/4	1,245.79	1/4	872.72	1/4	499.98	1/4	130.86 ^{1/4}			1/4		1/4	
1/2	2,357.21	1/2	1,984.14	1/2	1,611.09	1/2	1,238.02	1/2	864.94	1/2	492.24	1/2	123.30 ^{1/2}			1/2		1/2	
3/4	2,349.43	3/4	1,976.37	3/4	1,603.31	3/4	1,230.24	3/4	857.17	3/4	484.49	3/4	115.74 ^{3/4}			3/4		3/4	
5	2,341.66	5	1,968.61	5	1,595.54	5	1,222.47	5	849.40	5	476.75	5	108.18	5		5		5	
1/4	2,333.89	1/4	1,960.84	1/4	1,587.77	1/4	1,214.69	1/4	841.62	1/4	469.00	1/4	100.62 ^{1/4}			1/4		1/4	
1/2	2,326.12	1/2	1,953.06	1/2	1,579.99	1/2	1,206.92	1/2	833.85	1/2	461.26	1/2	93.07	1/2		1/2		1/2	
3/4	2,318.35	3/4	1,945.29	3/4	1,572.22	3/4	1,199.15	3/4	826.09	3/4	453.52	3/4	85.52	3/4		3/4		3/4	
6	2,310.58	6	1,937.52	6	1,564.44	6	1,191.37	6	818.32	6	445.77	6	77.96	6		6		6	
1/4	2,302.81	1/4	1,929.74	1/4	1,556.67	1/4	1,183.60	1/4	810.55	1/4	438.03	1/4	70.67	1/4		1/4		1/4	
1/2	2,295.04	1/2	1,921.97	1/2	1,548.90	1/2	1,175.83	1/2	802.78	1/2	430.28	1/2	63.49	1/2		1/2		1/2	
3/4	2,287.27	3/4	1,914.19	3/4	1,541.12	3/4	1,168.06	3/4	795.00	3/4	422.54	3/4	56.58	3/4		3/4		3/4	
7	2,279.49	7	1,906.42	7	1,533.35	7	1,160.30	7	787.23	7	414.80	7	49.66	7		7		7	
1/4	2,271.72	1/4	1,898.65	1/4	1,525.58	1/4	1,152.53	1/4	779.46	1/4	407.05	1/4	43.14	1/4		1/4		1/4	
1/2	2,263.94	1/2	1,890.87	1/2	1,517.81	1/2	1,144.75	1/2	771.68	1/2	399.31	1/2	37.42	1/2		1/2		1/2	
3/4	2,256.17	3/4	1,883.10	3/4	1,510.04	3/4	1,136.98	3/4	763.91	3/4	391.56	3/4	32.11	3/4		3/4		3/4	
8	2,248.40	8	1,875.33	8	1,502.27	8	1,129.21	8	756.13	8	383.82	8	26.79	8		8		8	
1/4	2,240.62	1/4	1,867.55	1/4	1,494.50	1/4	1,121.43	1/4	748.36	1/4	376.07	1/4	21.47	1/4		1/4		1/4	
1/2	2,232.85	1/2	1,859.78	1/2	1,486.73	1/2	1,113.66	1/2	740.59	1/2	368.33	1/2		1/2		1/2		1/2	
3/4	2,225.08	3/4	1,852.02	3/4	1,478.96	3/4	1,105.88	3/4	732.81	3/4	360.58	3/4		3/4		3/4		3/4	
9	2,217.30	9	1,844.25	9	1,471.18	9	1,098.11	9	725.04	9	352.83	9		9		9		9	
1/4	2,209.53	1/4	1,836.48	1/4	1,463.41	1/4	1,090.34	1/4	717.27	1/4	345.08	1/4		1/4		1/4		1/4	
1/2	2,201.76	1/2	1,828.71	1/2	1,455.63	1/2	1,082.56	1/2	709.50	1/2	337.33	1/2		1/2		1/2		1/2	
3/4	2,193.99	3/4	1,820.93	3/4	1,447.86	3/4	1,074.79	3/4	701.73	3/4	329.59	3/4		3/4		3/4		3/4	
10	2,186.22	10	1,813.16	10	1,440.09	10	1,067.02	10	693.96	10	321.84	10		10		10		10	
1/4	2,178.45	1/4	1,805.38	1/4	1,432.31	1/4	1,059.24	1/4	686.19	1/4	314.10	1/4		1/4		1/4		1/4	
1/2	2,170.68	1/2	1,797.61	1/2	1,424.54	1/2	1,051.47	1/2	678.42	1/2	306.36	1/2		1/2		1/2		1/2	
3/4	2,162.91	3/4	1,789.84	3/4	1,416.77	3/4	1,043.71	3/4	670.65	3/4	298.61	3/4		3/4		3/4		3/4	
11	2,155.13	11	1,782.06	11	1,408.99	11	1,035.94	11	662.87	11	290.87	11		11		11		11	
1/4	2,147.36	1/4	1,774.29	1/4	1,401.22	1/4	1,028.17	1/4	655.10	1/4	283.12	1/4		1/4		1/4		1/4	
1/2	2,139.59	1/2	1,766.52	1/2	1,393.45	1/2	1,020.40	1/2	647.33	1/2	275.36	1/2		1/2		1/2		1/2	
3/4	2,131.81	3/4	1,758.75	3/4	1,385.68	3/4	1,012.62	3/4	639.56	3/4	267.60	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2001 ITS
CALCULATED: 06/07/2016 SW
PRINTED: 06/08/2016 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

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



BARGE "WEB 311"

2 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	5,094.47	0	4,721.72	0	4,350.16	0	3,980.44	0	3,608.24	0	3,235.50	0	2,862.74
1/4		1/4		1/4		1/4	5,086.71	1/4	4,713.95	1/4	4,342.48	1/4	3,972.71	1/4	3,600.47	1/4	3,227.73	1/4	2,854.98
1/2		1/2		1/2		1/2	5,078.94	1/2	4,706.18	1/2	4,334.80	1/2	3,964.98	1/2	3,592.71	1/2	3,219.97	1/2	2,847.21
3/4		3/4		3/4		3/4	5,071.18	3/4	4,698.41	3/4	4,327.12	3/4	3,957.26	3/4	3,584.94	3/4	3,212.20	3/4	2,839.45
1		1		1		1	5,063.41	1	4,690.65	1	4,319.44	1	3,949.52	1	3,577.17	1	3,204.43	1	2,831.69
1/4		1/4		1/4		1/4	5,055.64	1/4	4,682.88	1/4	4,311.76	1/4	3,941.78	1/4	3,569.40	1/4	3,196.66	1/4	2,823.93
1/2		1/2		1/2		1/2	5,047.87	1/2	4,675.12	1/2	4,304.09	1/2	3,934.06	1/2	3,561.64	1/2	3,188.90	1/2	2,816.16
3/4		3/4		3/4		3/4	5,040.11	3/4	4,667.36	3/4	4,296.41	3/4	3,926.32	3/4	3,553.88	3/4	3,181.13	3/4	2,808.39
2		2		2		2	5,032.34	2	4,659.69	2	4,288.74	2	3,918.59	2	3,546.12	2	3,173.36	2	2,800.62
1/4		1/4		1/4		1/4	5,024.57	1/4	4,651.83	1/4	4,281.07	1/4	3,910.86	1/4	3,538.35	1/4	3,165.59	1/4	2,792.86
1/2		1/2		1/2		1/2	5,016.81	1/2	4,644.06	1/2	4,273.40	1/2	3,903.12	1/2	3,530.59	1/2	3,157.83	1/2	2,785.09
3/4		3/4		3/4		3/4	5,009.05	3/4	4,636.30	3/4	4,265.72	3/4	3,895.39	3/4	3,522.82	3/4	3,150.07	3/4	2,777.32
3		3		3		3	5,001.28	3	4,628.63	3	4,258.05	3	3,887.66	3	3,515.05	3	3,142.31	3	2,769.55
1/4		1/4		1/4		1/4	4,993.52	1/4	4,620.76	1/4	4,250.38	1/4	3,879.93	1/4	3,507.29	1/4	3,134.54	1/4	2,761.79
1/2		1/2		1/2		1/2	4,985.75	1/2	4,613.00	1/2	4,242.71	1/2	3,872.19	1/2	3,499.52	1/2	3,126.78	1/2	2,754.02
3/4		3/4		3/4		3/4	4,977.99	3/4	4,605.24	3/4	4,235.03	3/4	3,864.45	3/4	3,491.76	3/4	3,119.01	3/4	2,746.26
4		4		4		4	4,970.22	4	4,597.47	4	4,227.36	4	3,856.71	4	3,484.00	4	3,111.24	4	2,738.50
1/4		1/4		1/4		1/4	4,962.45	1/4	4,589.71	1/4	4,219.69	1/4	3,848.97	1/4	3,476.23	1/4	3,103.47	1/4	2,730.73
1/2		1/2		1/2		1/2	4,954.69	1/2	4,581.94	1/2	4,212.02	1/2	3,841.21	1/2	3,468.47	1/2	3,095.71	1/2	2,722.97
3/4		3/4		3/4		3/4	4,946.93	3/4	4,574.18	3/4	4,204.34	3/4	3,833.45	3/4	3,460.70	3/4	3,087.94	3/4	2,715.20
5		5		5		5	4,939.16	5	4,566.41	5	4,196.67	5	3,825.69	5	3,452.93	5	3,080.17	5	2,707.43
1/4		1/4		1/4		1/4	4,931.40	1/4	4,558.64	1/4	4,188.99	1/4	3,817.93	1/4	3,445.16	1/4	3,072.40	1/4	2,699.66
1/2		1/2		1/2		1/2	4,923.64	1/2	4,550.87	1/2	4,181.31	1/2	3,810.16	1/2	3,437.40	1/2	3,064.64	1/2	2,691.90
3/4		3/4		3/4		3/4	4,915.87	3/4	4,543.11	3/4	4,173.62	3/4	3,802.39	3/4	3,429.63	3/4	3,056.88	3/4	2,684.13
6		6		6		6	4,908.10	6	4,535.34	6	4,165.93	6	3,794.62	6	3,421.86	6	3,049.12	6	2,676.36
1/4		1/4		1/4		1/4	4,900.33	1/4	4,527.58	1/4	4,158.23	1/4	3,786.86	1/4	3,414.09	1/4	3,041.35	1/4	2,668.59
1/2		1/2		1/2		1/2	4,892.56	1/2	4,519.83	1/2	4,150.52	1/2	3,779.09	1/2	3,406.33	1/2	3,033.59	1/2	2,660.83
3/4		3/4		3/4		3/4	4,884.80	3/4	4,512.08	3/4	4,142.80	3/4	3,771.32	3/4	3,398.57	3/4	3,025.82	3/4	2,653.07
7		7		7	5,222.76	7	4,877.03	7	4,504.34	7	4,135.08	7	3,763.55	7	3,390.81	7	3,018.05	7	2,645.31
1/4		1/4		1/4	5,218.91	1/4	4,869.26	1/4	4,496.60	1/4	4,127.35	1/4	3,755.79	1/4	3,383.04	1/4	3,010.29	1/4	2,637.54
1/2		1/2		1/2	5,214.50	1/2	4,861.50	1/2	4,488.87	1/2	4,119.62	1/2	3,748.02	1/2	3,375.28	1/2	3,002.52	1/2	2,629.78
3/4		3/4		3/4	5,209.81	3/4	4,853.74	3/4	4,481.15	3/4	4,111.89	3/4	3,740.26	3/4	3,367.51	3/4	2,994.76	3/4	2,622.01
8		8		8	5,205.12	8	4,845.97	8	4,473.43	8	4,104.16	8	3,732.50	8	3,359.74	8	2,987.00	8	2,614.24
1/4		1/4		1/4	5,200.10	1/4	4,838.21	1/4	4,465.72	1/4	4,096.43	1/4	3,724.73	1/4	3,351.97	1/4	2,979.23	1/4	2,606.48
1/2		1/2		1/2	5,194.44	1/2	4,830.44	1/2	4,458.01	1/2	4,088.69	1/2	3,716.97	1/2	3,344.21	1/2	2,971.47	1/2	2,598.71
3/4		3/4		3/4	5,188.66	3/4	4,822.68	3/4	4,450.31	3/4	4,080.96	3/4	3,709.20	3/4	3,336.44	3/4	2,963.70	3/4	2,590.95
9		9		9	5,182.48	9	4,814.91	9	4,442.61	9	4,073.23	9	3,701.43	9	3,328.67	9	2,955.93	9	2,583.19
1/4		1/4		1/4	5,176.23	1/4	4,807.14	1/4	4,434.90	1/4	4,065.50	1/4	3,693.66	1/4	3,320.90	1/4	2,948.16	1/4	2,575.43
1/2		1/2		1/2	5,169.43	1/2	4,799.37	1/2	4,427.19	1/2	4,057.77	1/2	3,685.90	1/2	3,313.14	1/2	2,940.40	1/2	2,567.66
3/4		3/4		3/4	5,162.36	3/4	4,791.61	3/4	4,419.49	3/4	4,050.03	3/4	3,678.13	3/4	3,305.38	3/4	2,932.63	3/4	2,559.89
10		10		10	5,155.28	10	4,783.84	10	4,411.78	10	4,042.30	10	3,670.36	10	3,297.62	10	2,924.86	10	2,552.12
1/4		1/4		1/4	5,148.08	1/4	4,776.07	1/4	4,404.07	1/4	4,034.57	1/4	3,662.59	1/4	3,289.86	1/4	2,917.09	1/4	2,544.36
1/2		1/2		1/2	5,140.59	1/2	4,768.31	1/2	4,396.36	1/2	4,026.84	1/2	3,654.83	1/2	3,282.09	1/2	2,909.33	1/2	2,536.59
3/4		3/4		3/4	5,132.97	3/4	4,760.55	3/4	4,388.65	3/4	4,019.10	3/4	3,647.07	3/4	3,274.32	3/4	2,901.57	3/4	2,528.82
11		11		11	5,125.36	11	4,752.78	11	4,380.94	11	4,011.37	11	3,639.31	11	3,266.55	11	2,893.81	11	2,521.05
1/4		1/4		1/4	5,117.70	1/4	4,745.02	1/4	4,373.24	1/4	4,003.64	1/4	3,631.54	1/4	3,258.79	1/4	2,886.04	1/4	2,513.29
1/2		1/2		1/2	5,109.98	1/2	4,737.25	1/2	4,365.55	1/2	3,995.91	1/2	3,623.78	1/2	3,251.02	1/2	2,878.28	1/2	2,505.52
3/4		3/4		3/4	5,102.22	3/4	4,729.49	3/4	4,357.86	3/4	3,988.18	3/4	3,616.01	3/4	3,243.26	3/4	2,870.51	3/4	2,497.76

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77668
<http://www.pmacorp.net>



BARGE "WEB 311"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,490.00	0	2,117.24	0	1,744.50	0	1,371.74	0	999.00	0	626.24	0	259.07	0		0		0	
1/4	2,482.23	1/4	2,109.48	1/4	1,736.73	1/4	1,363.98	1/4	991.23	1/4	618.48	1/4	251.52 ^{1/4}		1/4		1/4		1/4
1/2	2,474.47	1/2	2,101.71	1/2	1,728.97	1/2	1,356.21	1/2	983.47	1/2	610.71	1/2	243.97 ^{1/2}		1/2		1/2		1/2
3/4	2,466.70	3/4	2,093.95	3/4	1,721.20	3/4	1,348.45	3/4	975.70	3/4	602.96	3/4	236.43 ^{3/4}		3/4		3/4		3/4
1	2,458.93	1	2,086.19	1	1,713.43	1	1,340.69	1	967.93	1	595.19	1	228.88	1		1		1	
1/4	2,451.16	1/4	2,078.43	1/4	1,705.67	1/4	1,332.93	1/4	960.17	1/4	587.43	1/4	221.33 ^{1/4}		1/4		1/4		1/4
1/2	2,443.40	1/2	2,070.66	1/2	1,697.90	1/2	1,325.16	1/2	952.40	1/2	579.66	1/2	213.78 ^{1/2}		1/2		1/2		1/2
3/4	2,435.63	3/4	2,062.89	3/4	1,690.14	3/4	1,317.39	3/4	944.64	3/4	571.89	3/4	206.24 ^{3/4}		3/4		3/4		3/4
2	2,427.86	2	2,055.12	2	1,682.38	2	1,309.62	2	936.88	2	564.12	2	198.69	2		2		2	
1/4	2,420.09	1/4	2,047.36	1/4	1,674.62	1/4	1,301.86	1/4	929.12	1/4	556.36	1/4	191.14 ^{1/4}		1/4		1/4		1/4
1/2	2,412.33	1/2	2,039.59	1/2	1,666.85	1/2	1,294.09	1/2	921.35	1/2	548.59	1/2	183.59 ^{1/2}		1/2		1/2		1/2
3/4	2,404.57	3/4	2,031.82	3/4	1,659.08	3/4	1,286.32	3/4	913.58	3/4	540.83	3/4	176.03 ^{3/4}		3/4		3/4		3/4
3	2,396.81	3	2,024.06	3	1,651.31	3	1,278.55	3	905.81	3	533.07	3	168.48	3		3		3	
1/4	2,389.04	1/4	2,016.29	1/4	1,643.55	1/4	1,270.79	1/4	898.05	1/4	525.31	1/4	160.93 ^{1/4}		1/4		1/4		1/4
1/2	2,381.28	1/2	2,008.52	1/2	1,635.78	1/2	1,263.02	1/2	890.28	1/2	517.55	1/2	153.38 ^{1/2}		1/2		1/2		1/2
3/4	2,373.51	3/4	2,000.76	3/4	1,628.01	3/4	1,255.26	3/4	882.51	3/4	509.78	3/4	145.83 ^{3/4}		3/4		3/4		3/4
4	2,365.74	4	1,993.00	4	1,620.24	4	1,247.50	4	874.74	4	502.02	4	138.28	4		4		4	
1/4	2,357.98	1/4	1,985.23	1/4	1,612.48	1/4	1,239.73	1/4	866.98	1/4	494.26	1/4	130.74 ^{1/4}		1/4		1/4		1/4
1/2	2,350.21	1/2	1,977.47	1/2	1,604.71	1/2	1,231.97	1/2	859.21	1/2	486.49	1/2	123.19 ^{1/2}		1/2		1/2		1/2
3/4	2,342.45	3/4	1,969.70	3/4	1,596.95	3/4	1,224.20	3/4	851.45	3/4	478.72	3/4	115.64 ^{3/4}		3/4		3/4		3/4
5	2,334.69	5	1,961.93	5	1,589.19	5	1,216.43	5	843.69	5	470.96	5	108.09	5		5		5	
1/4	2,326.93	1/4	1,954.17	1/4	1,581.43	1/4	1,208.67	1/4	835.93	1/4	463.23	1/4	100.54 ^{1/4}		1/4		1/4		1/4
1/2	2,319.16	1/2	1,946.40	1/2	1,573.66	1/2	1,200.90	1/2	828.16	1/2	455.57	1/2	92.99	1/2		1/2		1/2	
3/4	2,311.39	3/4	1,938.64	3/4	1,565.89	3/4	1,193.14	3/4	820.39	3/4	447.95	3/4	85.44	3/4		3/4		3/4	
6	2,303.62	6	1,930.88	6	1,558.12	6	1,185.38	6	812.62	6	440.33	6	77.89	6		6		6	
1/4	2,295.86	1/4	1,923.12	1/4	1,550.36	1/4	1,177.62	1/4	804.86	1/4	432.73	1/4	70.49	1/4		1/4		1/4	
1/2	2,288.09	1/2	1,915.35	1/2	1,542.59	1/2	1,169.85	1/2	797.09	1/2	425.16	1/2	63.42	1/2		1/2		1/2	
3/4	2,280.32	3/4	1,907.58	3/4	1,534.82	3/4	1,162.08	3/4	789.33	3/4	417.61	3/4	56.51	3/4		3/4		3/4	
7	2,272.56	7	1,899.81	7	1,527.05	7	1,154.31	7	781.57	7	410.05	7	49.60	7		7		7	
1/4	2,264.79	1/4	1,892.05	1/4	1,519.29	1/4	1,146.55	1/4	773.81	1/4	402.50	1/4	43.09	1/4		1/4		1/4	
1/2	2,257.02	1/2	1,884.28	1/2	1,511.52	1/2	1,138.78	1/2	766.04	1/2	394.94	1/2	37.38	1/2		1/2		1/2	
3/4	2,249.26	3/4	1,876.51	3/4	1,503.76	3/4	1,131.01	3/4	758.27	3/4	387.39	3/4	32.06	3/4		3/4		3/4	
8	2,241.50	8	1,868.74	8	1,496.00	8	1,123.24	8	750.50	8	379.84	8	26.76	8		8		8	
1/4	2,233.73	1/4	1,860.98	1/4	1,488.23	1/4	1,115.48	1/4	742.74	1/4	372.29	1/4	21.44	1/4		1/4		1/4	
1/2	2,225.97	1/2	1,853.21	1/2	1,480.47	1/2	1,107.71	1/2	734.97	1/2	364.74	1/2		1/2		1/2		1/2	
3/4	2,218.20	3/4	1,845.45	3/4	1,472.70	3/4	1,099.95	3/4	727.20	3/4	357.19	3/4		3/4		3/4		3/4	
9	2,210.43	9	1,837.69	9	1,464.93	9	1,092.19	9	719.43	9	349.64	9		9		9		9	
1/4	2,202.66	1/4	1,829.93	1/4	1,457.17	1/4	1,084.43	1/4	711.67	1/4	342.09	1/4		1/4		1/4		1/4	
1/2	2,194.90	1/2	1,822.16	1/2	1,449.40	1/2	1,076.66	1/2	703.90	1/2	334.55	1/2		1/2		1/2		1/2	
3/4	2,187.13	3/4	1,814.39	3/4	1,441.64	3/4	1,068.89	3/4	696.14	3/4	327.00	3/4		3/4		3/4		3/4	
10	2,179.36	10	1,806.62	10	1,433.88	10	1,061.12	10	688.38	10	319.46	10		10		10		10	
1/4	2,171.59	1/4	1,798.86	1/4	1,426.12	1/4	1,053.36	1/4	680.62	1/4	311.90	1/4		1/4		1/4		1/4	
1/2	2,163.83	1/2	1,791.09	1/2	1,418.35	1/2	1,045.59	1/2	672.85	1/2	304.36	1/2		1/2		1/2		1/2	
3/4	2,156.07	3/4	1,783.32	3/4	1,410.58	3/4	1,037.82	3/4	665.08	3/4	296.81	3/4		3/4		3/4		3/4	
11	2,148.31	11	1,775.55	11	1,402.81	11	1,030.06	11	657.31	11	289.26	11		11		11		11	
1/4	2,140.54	1/4	1,767.79	1/4	1,395.05	1/4	1,022.29	1/4	649.55	1/4	281.71	1/4		1/4		1/4		1/4	
1/2	2,132.78	1/2	1,760.02	1/2	1,387.28	1/2	1,014.52	1/2	641.78	1/2	274.16	1/2		1/2		1/2		1/2	
3/4	2,125.01	3/4	1,752.26	3/4	1,379.51	3/4	1,006.76	3/4	634.01	3/4	266.62	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2001 ITS
CALCULATED: 06/07/2016 SW
PRINTED: 06/08/2016 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

PRECISION MEASUREMENT
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Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "WEB 311"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,839.72	0	4,548.09	0	4,256.84	0	3,963.97	0	3,600.09	0	3,229.12	0	2,858.12
1/4		1/4		1/4		1/4	4,833.65	1/4	4,542.02	1/4	4,250.78	1/4	3,957.39	1/4	3,592.37	1/4	3,221.39	1/4	2,850.39
1/2		1/2		1/2		1/2	4,827.57	1/2	4,535.95	1/2	4,244.71	1/2	3,950.81	1/2	3,584.64	1/2	3,213.67	1/2	2,842.67
3/4		3/4		3/4		3/4	4,821.50	3/4	4,529.87	3/4	4,238.65	3/4	3,943.82	3/4	3,576.91	3/4	3,205.93	3/4	2,834.93
1		1		1		1	4,815.43	1	4,523.80	1	4,232.59	1	3,936.83	1	3,569.18	1	3,198.20	1	2,827.20
1/4		1/4		1/4		1/4	4,809.36	1/4	4,517.72	1/4	4,226.53	1/4	3,929.84	1/4	3,561.45	1/4	3,190.47	1/4	2,819.47
1/2		1/2		1/2		1/2	4,803.28	1/2	4,511.64	1/2	4,220.48	1/2	3,922.86	1/2	3,553.71	1/2	3,182.74	1/2	2,811.74
3/4		3/4		3/4		3/4	4,797.21	3/4	4,505.56	3/4	4,214.41	3/4	3,915.46	3/4	3,545.99	3/4	3,175.01	3/4	2,804.01
2		2		2		2	4,791.13	2	4,499.49	2	4,208.34	2	3,908.06	2	3,538.26	2	3,167.28	2	2,796.28
1/4		1/4		1/4		1/4	4,785.05	1/4	4,493.41	1/4	4,202.28	1/4	3,900.66	1/4	3,530.53	1/4	3,159.56	1/4	2,788.56
1/2		1/2		1/2		1/2	4,778.98	1/2	4,487.33	1/2	4,196.21	1/2	3,893.26	1/2	3,522.81	1/2	3,151.83	1/2	2,780.83
3/4		3/4		3/4		3/4	4,772.90	3/4	4,481.25	3/4	4,190.15	3/4	3,885.59	3/4	3,515.08	3/4	3,144.10	3/4	2,773.10
3		3		3		3	4,766.82	3	4,475.18	3	4,184.08	3	3,877.93	3	3,507.36	3	3,136.37	3	2,765.37
1/4		1/4		1/4		1/4	4,760.74	1/4	4,469.10	1/4	4,178.02	1/4	3,870.26	1/4	3,499.63	1/4	3,128.64	1/4	2,757.64
1/2		1/2		1/2		1/2	4,754.67	1/2	4,463.02	1/2	4,171.95	1/2	3,862.59	1/2	3,491.90	1/2	3,120.90	1/2	2,749.90
3/4		3/4		3/4		3/4	4,748.59	3/4	4,456.95	3/4	4,165.89	3/4	3,854.88	3/4	3,484.17	3/4	3,113.18	3/4	2,742.18
4		4		4		4	4,742.51	4	4,450.88	4	4,159.83	4	3,847.17	4	3,476.44	4	3,105.46	4	2,734.45
1/4		1/4		1/4		1/4	4,736.43	1/4	4,444.81	1/4	4,153.77	1/4	3,839.45	1/4	3,468.71	1/4	3,097.72	1/4	2,726.72
1/2		1/2		1/2		1/2	4,730.36	1/2	4,438.74	1/2	4,147.71	1/2	3,831.74	1/2	3,460.97	1/2	3,090.00	1/2	2,719.00
3/4		3/4		3/4		3/4	4,724.28	3/4	4,432.66	3/4	4,141.65	3/4	3,824.03	3/4	3,453.25	3/4	3,082.27	3/4	2,711.27
5		5		5		5	4,718.21	5	4,426.58	5	4,135.58	5	3,816.32	5	3,445.52	5	3,074.53	5	2,703.53
1/4		1/4		1/4		1/4	4,712.14	1/4	4,420.50	1/4	4,129.52	1/4	3,808.61	1/4	3,437.80	1/4	3,066.80	1/4	2,695.80
1/2		1/2		1/2		1/2	4,706.07	1/2	4,414.43	1/2	4,123.45	1/2	3,800.90	1/2	3,430.07	1/2	3,059.07	1/2	2,688.07
3/4		3/4		3/4		3/4	4,699.99	3/4	4,408.35	3/4	4,117.39	3/4	3,793.19	3/4	3,422.34	3/4	3,051.34	3/4	2,680.34
6		6		6		6	4,693.92	6	4,402.27	6	4,111.33	6	3,785.47	6	3,414.62	6	3,043.62	6	2,672.62
1/4		1/4		1/4		1/4	4,687.84	1/4	4,396.19	1/4	4,105.27	1/4	3,777.76	1/4	3,406.89	1/4	3,035.89	1/4	2,664.89
1/2		1/2		1/2		1/2	4,681.76	1/2	4,390.12	1/2	4,099.21	1/2	3,770.05	1/2	3,399.17	1/2	3,028.17	1/2	2,657.17
3/4		3/4		3/4		3/4	4,675.68	3/4	4,384.05	3/4	4,093.14	3/4	3,762.33	3/4	3,391.43	3/4	3,020.43	3/4	2,649.43
7		7		7	4,937.07	7	4,669.61	7	4,377.97	7	4,087.07	7	3,754.62	7	3,383.70	7	3,012.70	7	2,641.70
1/4		1/4		1/4	4,935.67	1/4	4,663.53	1/4	4,371.90	1/4	4,081.00	1/4	3,746.90	1/4	3,375.97	1/4	3,004.97	1/4	2,633.97
1/2		1/2		1/2	4,932.88	1/2	4,657.45	1/2	4,365.83	1/2	4,074.93	1/2	3,739.19	1/2	3,368.24	1/2	2,997.24	1/2	2,626.24
3/4		3/4		3/4	4,929.08	3/4	4,651.37	3/4	4,359.78	3/4	4,068.85	3/4	3,731.46	3/4	3,360.51	3/4	2,989.51	3/4	2,618.51
8		8		8	4,925.28	8	4,645.30	8	4,353.73	8	4,062.77	8	3,723.74	8	3,352.78	8	2,981.78	8	2,610.78
1/4		1/4		1/4	4,921.49	1/4	4,639.22	1/4	4,347.67	1/4	4,056.70	1/4	3,716.01	1/4	3,345.06	1/4	2,974.06	1/4	2,603.06
1/2		1/2		1/2	4,917.69	1/2	4,633.14	1/2	4,341.62	1/2	4,050.62	1/2	3,708.28	1/2	3,337.33	1/2	2,966.33	1/2	2,595.33
3/4		3/4		3/4	4,912.88	3/4	4,627.07	3/4	4,335.56	3/4	4,044.54	3/4	3,700.56	3/4	3,329.60	3/4	2,958.60	3/4	2,587.60
9		9		9	4,908.07	9	4,621.00	9	4,329.51	9	4,038.46	9	3,692.83	9	3,321.87	9	2,950.87	9	2,579.87
1/4		1/4		1/4	4,903.26	1/4	4,614.93	1/4	4,323.46	1/4	4,032.39	1/4	3,685.11	1/4	3,314.14	1/4	2,943.14	1/4	2,572.14
1/2		1/2		1/2	4,898.45	1/2	4,608.86	1/2	4,317.40	1/2	4,026.31	1/2	3,677.38	1/2	3,306.40	1/2	2,935.40	1/2	2,564.40
3/4		3/4		3/4	4,892.82	3/4	4,602.78	3/4	4,311.36	3/4	4,020.24	3/4	3,669.65	3/4	3,298.68	3/4	2,927.68	3/4	2,556.68
10		10		10	4,887.19	10	4,596.70	10	4,305.31	10	4,014.17	10	3,661.92	10	3,290.95	10	2,919.95	10	2,548.95
1/4		1/4		1/4	4,881.56	1/4	4,590.62	1/4	4,299.26	1/4	4,008.09	1/4	3,654.18	1/4	3,283.22	1/4	2,912.22	1/4	2,541.22
1/2		1/2		1/2	4,875.93	1/2	4,584.55	1/2	4,293.21	1/2	4,002.02	1/2	3,646.45	1/2	3,275.50	1/2	2,904.50	1/2	2,533.50
3/4		3/4		3/4	4,869.92	3/4	4,578.47	3/4	4,287.15	3/4	3,995.80	3/4	3,638.72	3/4	3,267.77	3/4	2,896.77	3/4	2,525.77
11		11		11	4,863.90	11	4,572.39	11	4,281.09	11	3,989.58	11	3,631.00	11	3,260.03	11	2,889.03	11	2,518.03
1/4		1/4		1/4	4,857.89	1/4	4,566.31	1/4	4,275.03	1/4	3,983.36	1/4	3,623.27	1/4	3,252.30	1/4	2,881.30	1/4	2,510.30
1/2		1/2		1/2	4,851.88	1/2	4,560.24	1/2	4,268.97	1/2	3,977.14	1/2	3,615.55	1/2	3,244.57	1/2	2,873.67	1/2	2,502.57
3/4		3/4		3/4	4,845.80	3/4	4,554.17	3/4	4,262.91	3/4	3,970.66	3/4	3,607.82	3/4	3,236.84	3/4	2,865.84	3/4	2,494.84

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-04" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 311"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,487.12	0	2,116.11	0	1,745.11	0	1,374.12	0	1,003.13	0	632.18	0	262.47	0		0		0	
1/4	2,479.39	1/4	2,108.37	1/4	1,737.37	1/4	1,366.39	1/4	995.40	1/4	624.47	1/4	254.75 ^{1/4}			1/4		1/4	
1/2	2,471.67	1/2	2,100.64	1/2	1,729.64	1/2	1,358.67	1/2	987.67	1/2	616.76	1/2	247.02 ^{1/2}			1/2		1/2	
3/4	2,463.93	3/4	2,092.92	3/4	1,721.92	3/4	1,350.93	3/4	979.94	3/4	609.06	3/4	239.46 ^{3/4}			3/4		3/4	
1	2,456.20	1	2,085.19	1	1,714.19	1	1,343.20	1	972.21	1	601.36	1	231.89	1		1		1	
1/4	2,448.47	1/4	2,077.46	1/4	1,706.46	1/4	1,335.47	1/4	964.49	1/4	593.65	1/4	224.33 ^{1/4}			1/4		1/4	
1/2	2,440.74	1/2	2,069.74	1/2	1,698.74	1/2	1,327.74	1/2	956.76	1/2	585.95	1/2	216.76 ^{1/2}			1/2		1/2	
3/4	2,433.01	3/4	2,062.00	3/4	1,691.00	3/4	1,320.01	3/4	949.03	3/4	578.25	3/4	209.25 ^{3/4}			3/4		3/4	
2	2,425.28	2	2,054.27	2	1,683.27	2	1,312.28	2	941.30	2	570.55	2	201.74	2		2		2	
1/4	2,417.56	1/4	2,046.54	1/4	1,675.54	1/4	1,304.56	1/4	933.56	1/4	562.84	1/4	194.22 ^{1/4}			1/4		1/4	
1/2	2,409.83	1/2	2,038.81	1/2	1,667.81	1/2	1,296.83	1/2	925.83	1/2	555.14	1/2	186.71 ^{1/2}			1/2		1/2	
3/4	2,402.10	3/4	2,031.08	3/4	1,660.08	3/4	1,289.11	3/4	918.11	3/4	547.44	3/4	179.20 ^{3/4}			3/4		3/4	
3	2,394.37	3	2,023.36	3	1,652.36	3	1,281.38	3	910.38	3	539.74	3	171.68	3		3		3	
1/4	2,386.64	1/4	2,015.63	1/4	1,644.63	1/4	1,273.65	1/4	902.66	1/4	532.03	1/4	164.16 ^{1/4}			1/4		1/4	
1/2	2,378.90	1/2	2,007.90	1/2	1,636.90	1/2	1,265.93	1/2	894.93	1/2	524.33	1/2	156.64 ^{1/2}			1/2		1/2	
3/4	2,371.17	3/4	2,000.17	3/4	1,629.17	3/4	1,258.19	3/4	887.19	3/4	516.64	3/4	149.12 ^{3/4}			3/4		3/4	
4	2,363.44	4	1,992.44	4	1,621.44	4	1,250.46	4	879.46	4	508.94	4	141.61	4		4		4	
1/4	2,355.71	1/4	1,984.71	1/4	1,613.71	1/4	1,242.73	1/4	871.73	1/4	501.24	1/4	134.09 ^{1/4}			1/4		1/4	
1/2	2,347.97	1/2	1,976.97	1/2	1,605.97	1/2	1,235.00	1/2	864.00	1/2	493.55	1/2	126.57 ^{1/2}			1/2		1/2	
3/4	2,340.25	3/4	1,969.25	3/4	1,598.25	3/4	1,227.27	3/4	856.27	3/4	485.84	3/4	119.04 ^{3/4}			3/4		3/4	
5	2,332.52	5	1,961.52	5	1,590.52	5	1,219.55	5	848.55	5	478.14	5	111.51	5		5		5	
1/4	2,324.80	1/4	1,953.80	1/4	1,582.80	1/4	1,211.82	1/4	840.82	1/4	470.44	1/4	103.98 ^{1/4}			1/4		1/4	
1/2	2,317.07	1/2	1,946.07	1/2	1,575.07	1/2	1,204.09	1/2	833.09	1/2	462.74	1/2	96.45	1/2		1/2		1/2	
3/4	2,309.34	3/4	1,938.34	3/4	1,567.34	3/4	1,196.36	3/4	825.36	3/4	455.03	3/4	88.93	3/4		3/4		3/4	
6	2,301.61	6	1,930.61	6	1,559.61	6	1,188.63	6	817.63	6	447.33	6	81.40	6		6		6	
1/4	2,293.87	1/4	1,922.87	1/4	1,551.87	1/4	1,180.90	1/4	809.90	1/4	439.63	1/4	73.88	1/4		1/4		1/4	
1/2	2,286.14	1/2	1,915.14	1/2	1,544.14	1/2	1,173.17	1/2	802.17	1/2	431.93	1/2	66.36	1/2		1/2		1/2	
3/4	2,278.42	3/4	1,907.42	3/4	1,536.42	3/4	1,165.44	3/4	794.44	3/4	424.23	3/4	58.84	3/4		3/4		3/4	
7	2,270.69	7	1,899.69	7	1,528.69	7	1,157.71	7	786.71	7	416.53	7	52.76	7		7		7	
1/4	2,262.96	1/4	1,891.96	1/4	1,520.96	1/4	1,149.99	1/4	778.99	1/4	408.84	1/4	45.96	1/4		1/4		1/4	
1/2	2,255.24	1/2	1,884.24	1/2	1,513.24	1/2	1,142.26	1/2	771.26	1/2	401.14	1/2	39.17	1/2		1/2		1/2	
3/4	2,247.50	3/4	1,876.50	3/4	1,505.51	3/4	1,134.53	3/4	763.53	3/4	393.44	3/4	34.06	3/4		3/4		3/4	
8	2,239.77	8	1,868.77	8	1,497.78	8	1,126.80	8	755.81	8	385.74	8	28.95	8		8		8	
1/4	2,232.04	1/4	1,861.04	1/4	1,490.06	1/4	1,119.06	1/4	748.08	1/4	378.03	1/4	23.84	1/4		1/4		1/4	
1/2	2,224.31	1/2	1,853.31	1/2	1,482.33	1/2	1,111.33	1/2	740.36	1/2	370.33	1/2	18.74	1/2		1/2		1/2	
3/4	2,216.58	3/4	1,845.58	3/4	1,474.60	3/4	1,103.61	3/4	732.62	3/4	362.63	3/4		3/4		3/4		3/4	
9	2,208.86	9	1,837.86	9	1,466.87	9	1,095.88	9	724.89	9	354.93	9		9		9		9	
1/4	2,201.13	1/4	1,830.13	1/4	1,459.14	1/4	1,088.15	1/4	717.16	1/4	347.22	1/4		1/4		1/4		1/4	
1/2	2,193.40	1/2	1,822.40	1/2	1,451.40	1/2	1,080.43	1/2	709.43	1/2	339.52	1/2		1/2		1/2		1/2	
3/4	2,185.67	3/4	1,814.67	3/4	1,443.68	3/4	1,072.69	3/4	701.70	3/4	331.82	3/4		3/4		3/4		3/4	
10	2,177.94	10	1,806.94	10	1,435.96	10	1,064.96	10	693.97	10	324.12	10		10		10		10	
1/4	2,170.21	1/4	1,799.21	1/4	1,428.22	1/4	1,057.23	1/4	686.25	1/4	316.42	1/4		1/4		1/4		1/4	
1/2	2,162.47	1/2	1,791.47	1/2	1,420.50	1/2	1,049.50	1/2	678.52	1/2	308.71	1/2		1/2		1/2		1/2	
3/4	2,154.75	3/4	1,783.75	3/4	1,412.77	3/4	1,041.77	3/4	670.79	3/4	301.02	3/4		3/4		3/4		3/4	
11	2,147.02	11	1,776.02	11	1,405.03	11	1,034.05	11	663.06	11	293.32	11		11		11		11	
1/4	2,139.30	1/4	1,768.30	1/4	1,397.30	1/4	1,026.32	1/4	655.33	1/4	285.62	1/4		1/4		1/4		1/4	
1/2	2,131.57	1/2	1,760.57	1/2	1,389.57	1/2	1,018.59	1/2	647.59	1/2	277.93	1/2		1/2		1/2		1/2	
3/4	2,123.84	3/4	1,752.84	3/4	1,381.84	3/4	1,010.86	3/4	639.89	3/4	270.20	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2001 ITS
CALCULATED: 06/07/2016 SW
PRINTED: 06/08/2016 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

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



BARGE "WEB 311"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,841.52	0	4,549.66	0	4,268.21	0	3,964.23	0	3,597.88	0	3,226.04	0	2,854.19
1/4		1/4		1/4		1/4	4,836.44	1/4	4,543.59	1/4	4,262.15	1/4	3,957.38	1/4	3,590.13	1/4	3,218.29	1/4	2,846.44
1/2		1/2		1/2		1/2	4,829.37	1/2	4,537.61	1/2	4,246.08	1/2	3,950.42	1/2	3,582.39	1/2	3,210.64	1/2	2,838.70
3/4		3/4		3/4		3/4	4,823.29	3/4	4,531.43	3/4	4,240.01	3/4	3,943.47	3/4	3,574.65	3/4	3,202.79	3/4	2,830.95
1		1		1		1	4,817.21	1	4,525.35	1	4,233.96	1	3,936.42	1	3,566.90	1	3,196.05	1	2,823.21
1/4		1/4		1/4		1/4	4,811.13	1/4	4,519.27	1/4	4,227.88	1/4	3,929.16	1/4	3,559.16	1/4	3,187.30	1/4	2,815.46
1/2		1/2		1/2		1/2	4,805.04	1/2	4,513.19	1/2	4,221.81	1/2	3,921.79	1/2	3,551.41	1/2	3,179.66	1/2	2,807.71
3/4		3/4		3/4		3/4	4,798.96	3/4	4,507.10	3/4	4,215.73	3/4	3,914.43	3/4	3,543.67	3/4	3,171.81	3/4	2,799.96
2		2		2		2	4,792.88	2	4,501.02	2	4,209.66	2	3,907.00	2	3,535.92	2	3,164.07	2	2,792.21
1/4		1/4		1/4		1/4	4,786.80	1/4	4,494.94	1/4	4,203.60	1/4	3,899.42	1/4	3,528.17	1/4	3,156.32	1/4	2,784.47
1/2		1/2		1/2		1/2	4,780.72	1/2	4,488.87	1/2	4,197.53	1/2	3,891.77	1/2	3,520.42	1/2	3,148.57	1/2	2,776.72
3/4		3/4		3/4		3/4	4,774.65	3/4	4,482.79	3/4	4,191.47	3/4	3,884.12	3/4	3,512.67	3/4	3,140.82	3/4	2,768.98
3		3		3		3	4,768.57	3	4,476.71	3	4,185.40	3	3,876.45	3	3,504.93	3	3,133.07	3	2,761.23
1/4		1/4		1/4		1/4	4,762.48	1/4	4,470.63	1/4	4,179.33	1/4	3,868.75	1/4	3,497.18	1/4	3,125.32	1/4	2,753.48
1/2		1/2		1/2		1/2	4,756.40	1/2	4,464.54	1/2	4,173.26	1/2	3,861.02	1/2	3,489.44	1/2	3,117.58	1/2	2,745.73
3/4		3/4		3/4		3/4	4,750.32	3/4	4,458.46	3/4	4,167.19	3/4	3,853.29	3/4	3,481.69	3/4	3,109.84	3/4	2,737.98
4		4		4		4	4,744.24	4	4,452.38	4	4,161.12	4	3,845.57	4	3,473.95	4	3,102.09	4	2,730.24
1/4		1/4		1/4		1/4	4,738.16	1/4	4,446.29	1/4	4,155.05	1/4	3,837.84	1/4	3,466.20	1/4	3,094.34	1/4	2,722.49
1/2		1/2		1/2		1/2	4,732.08	1/2	4,440.21	1/2	4,148.98	1/2	3,830.10	1/2	3,458.45	1/2	3,086.59	1/2	2,714.75
3/4		3/4		3/4		3/4	4,726.00	3/4	4,434.13	3/4	4,142.92	3/4	3,822.37	3/4	3,450.70	3/4	3,078.84	3/4	2,707.00
5		5		5		5	4,719.92	5	4,428.05	5	4,136.85	5	3,814.64	5	3,442.96	5	3,071.09	5	2,699.26
1/4		1/4		1/4		1/4	4,713.84	1/4	4,421.97	1/4	4,130.79	1/4	3,806.91	1/4	3,435.20	1/4	3,063.35	1/4	2,691.51
1/2		1/2		1/2		1/2	4,707.76	1/2	4,415.89	1/2	4,124.72	1/2	3,799.17	1/2	3,427.46	1/2	3,055.60	1/2	2,683.76
3/4		3/4		3/4		3/4	4,701.67	3/4	4,409.81	3/4	4,118.66	3/4	3,791.44	3/4	3,419.72	3/4	3,047.86	3/4	2,676.01
6		6		6	4,955.02	6	4,695.59	6	4,403.73	6	4,112.59	6	3,783.71	6	3,411.97	6	3,040.11	6	2,668.26
1/4		1/4		1/4	4,953.63	1/4	4,689.51	1/4	4,397.66	1/4	4,106.51	1/4	3,775.98	1/4	3,404.23	1/4	3,032.37	1/4	2,660.51
1/2		1/2		1/2	4,950.85	1/2	4,683.44	1/2	4,391.58	1/2	4,100.44	1/2	3,768.25	1/2	3,396.48	1/2	3,024.62	1/2	2,652.77
3/4		3/4		3/4	4,948.06	3/4	4,677.36	3/4	4,385.50	3/4	4,094.36	3/4	3,760.51	3/4	3,388.74	3/4	3,016.87	3/4	2,645.03
7		7		7	4,945.06	7	4,671.28	7	4,379.43	7	4,088.28	7	3,752.78	7	3,380.99	7	3,009.12	7	2,637.28
1/4		1/4		1/4	4,941.61	1/4	4,665.20	1/4	4,373.37	1/4	4,082.20	1/4	3,745.04	1/4	3,373.25	1/4	3,001.37	1/4	2,629.53
1/2		1/2		1/2	4,937.94	1/2	4,659.12	1/2	4,367.31	1/2	4,076.13	1/2	3,737.31	1/2	3,365.50	1/2	2,993.63	1/2	2,621.78
3/4		3/4		3/4	4,934.26	3/4	4,653.03	3/4	4,361.25	3/4	4,070.06	3/4	3,729.57	3/4	3,357.75	3/4	2,985.88	3/4	2,614.03
8		8		8	4,930.34	8	4,646.95	8	4,355.19	8	4,063.97	8	3,721.83	8	3,350.00	8	2,978.14	8	2,606.28
1/4		1/4		1/4	4,925.90	1/4	4,640.87	1/4	4,349.13	1/4	4,057.89	1/4	3,714.08	1/4	3,342.25	1/4	2,970.39	1/4	2,598.54
1/2		1/2		1/2	4,921.21	1/2	4,634.79	1/2	4,343.07	1/2	4,051.81	1/2	3,706.33	1/2	3,334.50	1/2	2,962.64	1/2	2,590.79
3/4		3/4		3/4	4,916.52	3/4	4,628.72	3/4	4,337.01	3/4	4,045.72	3/4	3,698.58	3/4	3,326.75	3/4	2,954.89	3/4	2,583.05
9		9		9	4,911.62	9	4,622.64	9	4,330.95	9	4,039.64	9	3,690.83	9	3,319.00	9	2,947.14	9	2,575.30
1/4		1/4		1/4	4,906.30	1/4	4,616.56	1/4	4,324.90	1/4	4,033.56	1/4	3,683.09	1/4	3,311.25	1/4	2,939.40	1/4	2,567.56
1/2		1/2		1/2	4,900.77	1/2	4,610.47	1/2	4,318.84	1/2	4,027.48	1/2	3,675.34	1/2	3,303.51	1/2	2,931.65	1/2	2,559.81
3/4		3/4		3/4	4,895.24	3/4	4,604.39	3/4	4,312.79	3/4	4,021.41	3/4	3,667.60	3/4	3,295.76	3/4	2,923.91	3/4	2,552.06
10		10		10	4,889.60	10	4,598.31	10	4,306.73	10	4,015.30	10	3,659.85	10	3,288.02	10	2,916.16	10	2,544.31
1/4		1/4		1/4	4,883.74	1/4	4,592.23	1/4	4,300.67	1/4	4,009.12	1/4	3,652.11	1/4	3,280.27	1/4	2,908.41	1/4	2,536.56
1/2		1/2		1/2	4,877.77	1/2	4,586.16	1/2	4,294.60	1/2	4,002.91	1/2	3,644.37	1/2	3,272.52	1/2	2,900.66	1/2	2,528.82
3/4		3/4		3/4	4,871.80	3/4	4,580.07	3/4	4,288.54	3/4	3,996.70	3/4	3,636.62	3/4	3,264.77	3/4	2,892.91	3/4	2,521.07
11		11		11	4,865.80	11	4,573.99	11	4,282.47	11	3,990.41	11	3,628.88	11	3,257.02	11	2,885.16	11	2,513.33
1/4		1/4		1/4	4,859.75	1/4	4,567.91	1/4	4,276.41	1/4	3,983.96	1/4	3,621.13	1/4	3,249.28	1/4	2,877.42	1/4	2,505.58
1/2		1/2		1/2	4,853.67	1/2	4,561.83	1/2	4,270.34	1/2	3,977.41	1/2	3,613.38	1/2	3,241.53	1/2	2,869.67	1/2	2,497.83
3/4		3/4		3/4	4,847.60	3/4	4,555.75	3/4	4,264.28	3/4	3,970.87	3/4	3,605.63	3/4	3,233.79	3/4	2,861.93	3/4	2,490.08

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 311"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,482.33	0	2,110.47	0	1,738.62	0	1,366.76	0	994.90	0	623.05	0	251.29	0		0		0	
1/4	2,474.69	1/4	2,102.73	1/4	1,730.87	1/4	1,359.01	1/4	987.16	1/4	615.30	1/4	243.65 ^{1/4}			1/4		1/4	
1/2	2,466.84	1/2	2,094.98	1/2	1,723.13	1/2	1,351.27	1/2	979.41	1/2	607.56	1/2	236.04 ^{1/2}			1/2		1/2	
3/4	2,459.10	3/4	2,087.24	3/4	1,715.38	3/4	1,343.53	3/4	971.67	3/4	599.81	3/4	228.44 ^{3/4}			3/4		3/4	
1	2,451.36	1	2,079.49	1	1,707.64	1	1,335.78	1	963.92	1	592.07	1	220.85	1		1		1	
1/4	2,443.60	1/4	2,071.75	1/4	1,699.89	1/4	1,328.03	1/4	956.17	1/4	584.32	1/4	213.29 ^{1/4}			1/4		1/4	
1/2	2,435.85	1/2	2,064.00	1/2	1,692.14	1/2	1,320.28	1/2	948.42	1/2	576.57	1/2	205.76 ^{1/2}			1/2		1/2	
3/4	2,428.10	3/4	2,056.25	3/4	1,684.39	3/4	1,312.53	3/4	940.67	3/4	568.82	3/4	198.22 ^{3/4}			3/4		3/4	
2	2,420.35	2	2,048.50	2	1,676.64	2	1,304.78	2	932.93	2	561.07	2	190.69	2		2		2	
1/4	2,412.61	1/4	2,040.75	1/4	1,668.90	1/4	1,297.04	1/4	925.18	1/4	553.32	1/4	183.15 ^{1/4}			1/4		1/4	
1/2	2,404.87	1/2	2,033.01	1/2	1,661.15	1/2	1,289.29	1/2	917.44	1/2	545.58	1/2	175.62 ^{1/2}			1/2		1/2	
3/4	2,397.12	3/4	2,025.26	3/4	1,653.41	3/4	1,281.55	3/4	909.69	3/4	537.84	3/4	168.08 ^{3/4}			3/4		3/4	
3	2,389.38	3	2,017.52	3	1,645.66	3	1,273.80	3	901.95	3	530.09	3	160.55	3		3		3	
1/4	2,381.63	1/4	2,009.77	1/4	1,637.91	1/4	1,266.06	1/4	894.20	1/4	522.35	1/4	153.01 ^{1/4}			1/4		1/4	
1/2	2,373.88	1/2	2,002.02	1/2	1,630.16	1/2	1,258.31	1/2	886.45	1/2	514.60	1/2	145.48 ^{1/2}			1/2		1/2	
3/4	2,366.13	3/4	1,994.27	3/4	1,622.41	3/4	1,250.56	3/4	878.70	3/4	506.86	3/4	137.95 ^{3/4}			3/4		3/4	
4	2,358.38	4	1,986.52	4	1,614.66	4	1,242.81	4	870.95	4	499.12	4	130.42	4		4		4	
1/4	2,350.63	1/4	1,978.78	1/4	1,606.92	1/4	1,235.06	1/4	863.20	1/4	491.37	1/4	122.90 ^{1/4}			1/4		1/4	
1/2	2,342.89	1/2	1,971.03	1/2	1,599.17	1/2	1,227.32	1/2	855.46	1/2	483.63	1/2	115.37 ^{1/2}			1/2		1/2	
3/4	2,335.14	3/4	1,963.29	3/4	1,591.43	3/4	1,219.57	3/4	847.72	3/4	475.88	3/4	107.84 ^{3/4}			3/4		3/4	
5	2,327.40	5	1,955.54	5	1,583.69	5	1,211.83	5	839.97	5	468.14	5	100.30	5		5		5	
1/4	2,319.65	1/4	1,947.79	1/4	1,575.94	1/4	1,204.08	1/4	832.22	1/4	460.39	1/4	92.77	1/4		1/4		1/4	
1/2	2,311.90	1/2	1,940.04	1/2	1,568.19	1/2	1,196.33	1/2	824.47	1/2	452.64	1/2	85.23	1/2		1/2		1/2	
3/4	2,304.15	3/4	1,932.29	3/4	1,560.44	3/4	1,188.58	3/4	816.72	3/4	444.89	3/4	77.70	3/4		3/4		3/4	
6	2,296.40	6	1,924.55	6	1,552.69	6	1,180.83	6	808.97	6	437.14	6	70.32	6		6		6	
1/4	2,288.66	1/4	1,916.80	1/4	1,544.94	1/4	1,173.09	1/4	801.23	1/4	429.40	1/4	63.27	1/4		1/4		1/4	
1/2	2,280.91	1/2	1,909.06	1/2	1,537.20	1/2	1,165.34	1/2	793.48	1/2	421.65	1/2	56.38	1/2		1/2		1/2	
3/4	2,273.17	3/4	1,901.31	3/4	1,529.45	3/4	1,157.60	3/4	785.74	3/4	413.91	3/4	49.48	3/4		3/4		3/4	
7	2,265.42	7	1,893.57	7	1,521.71	7	1,149.85	7	777.99	7	406.16	7	42.99	7		7		7	
1/4	2,257.67	1/4	1,885.82	1/4	1,513.96	1/4	1,142.10	1/4	770.25	1/4	398.42	1/4	37.30	1/4		1/4		1/4	
1/2	2,249.92	1/2	1,878.07	1/2	1,506.21	1/2	1,134.35	1/2	762.50	1/2	390.67	1/2	32.00	1/2		1/2		1/2	
3/4	2,242.17	3/4	1,870.32	3/4	1,498.46	3/4	1,126.60	3/4	754.75	3/4	382.93	3/4	26.70	3/4		3/4		3/4	
8	2,234.43	8	1,862.57	8	1,490.71	8	1,118.85	8	747.00	8	375.19	8	21.41	8		8		8	
1/4	2,226.68	1/4	1,854.82	1/4	1,482.97	1/4	1,111.11	1/4	739.25	1/4	367.44	1/4		1/4		1/4		1/4	
1/2	2,218.94	1/2	1,847.08	1/2	1,475.22	1/2	1,103.37	1/2	731.51	1/2	359.70	1/2		1/2		1/2		1/2	
3/4	2,211.19	3/4	1,839.34	3/4	1,467.48	3/4	1,095.62	3/4	723.76	3/4	351.95	3/4		3/4		3/4		3/4	
9	2,203.45	9	1,831.59	9	1,459.73	9	1,087.88	9	716.02	9	344.21	9		9		9		9	
1/4	2,195.70	1/4	1,823.84	1/4	1,451.98	1/4	1,080.13	1/4	708.27	1/4	336.46	1/4		1/4		1/4		1/4	
1/2	2,187.95	1/2	1,816.09	1/2	1,444.23	1/2	1,072.38	1/2	700.52	1/2	328.71	1/2		1/2		1/2		1/2	
3/4	2,180.20	3/4	1,808.34	3/4	1,436.48	3/4	1,064.63	3/4	692.77	3/4	320.96	3/4		3/4		3/4		3/4	
10	2,172.45	10	1,800.59	10	1,428.74	10	1,056.88	10	685.02	10	313.21	10		10		10		10	
1/4	2,164.70	1/4	1,792.85	1/4	1,420.99	1/4	1,049.13	1/4	677.28	1/4	305.47	1/4		1/4		1/4		1/4	
1/2	2,156.96	1/2	1,785.10	1/2	1,413.25	1/2	1,041.39	1/2	669.53	1/2	297.72	1/2		1/2		1/2		1/2	
3/4	2,149.22	3/4	1,777.36	3/4	1,405.50	3/4	1,033.64	3/4	661.79	3/4	289.98	3/4		3/4		3/4		3/4	
11	2,141.47	11	1,769.61	11	1,397.76	11	1,025.90	11	654.04	11	282.23	11		11		11		11	
1/4	2,133.72	1/4	1,761.87	1/4	1,390.01	1/4	1,018.15	1/4	646.29	1/4	274.49	1/4		1/4		1/4		1/4	
1/2	2,125.97	1/2	1,754.12	1/2	1,382.26	1/2	1,010.40	1/2	638.54	1/2	266.75	1/2		1/2		1/2		1/2	
3/4	2,118.22	3/4	1,746.37	3/4	1,374.51	3/4	1,002.65	3/4	630.79	3/4	259.00	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2001 ITS
CALCULATED: 06/07/2016 SW
PRINTED: 06/08/2016 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2016

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