



BARGE "WEB 322"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-1/2	- 03-1/2
2 PORT	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-3/8	- 02-3/8	03-0/8	- 03-0/8	03-1/2	- 03-1/2
2 STBD	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/8	- 03-1/8
3 PORT	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/8	- 03-1/8
3 STBD	01-0/8	- 01-0/8	01-7/8	- 01-7/8	02-7/8	- 02-7/8	03-7/8	- 03-7/8	04-7/8	- 04-7/8	05-3/4	- 05-3/4
4 CENTER	01-1/8	- 01-1/8	02-1/4	- 02-1/4	03-3/8	- 03-3/8	04-1/2	- 04-1/2	05-5/8	- 05-5/8	06-3/4	- 06-3/4

(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 2 PORT IS - 01-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-10 7/8"

LENGTH BETWEEN DRAFT MARKS: 233'-09"

January 27, 2010

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "WEB 322"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 18'-00"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	7,569.16	0	7,015.21	0	6,460.37	0	5,904.51	0	5,351.36	0	4,797.11		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,557.62	1/4	7,003.67	1/4	6,448.79	1/4	5,892.93	1/4	5,339.81	1/4	4,785.56		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,990.63	1/2	7,546.08	1/2	6,992.13	1/2	6,437.21	1/2	5,881.35	1/2	5,328.26	1/2	4,774.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,989.20	3/4	7,534.54	3/4	6,980.59	3/4	6,425.63	3/4	5,869.77	3/4	5,316.72	3/4	4,762.47
1	1	1	1	1	1	1	7,987.76	1	7,523.00	1	6,969.05	1	6,414.05	1	5,858.19	1	5,305.17	1	4,750.92
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,984.52	1/4	7,511.45	1/4	6,957.51	1/4	6,402.47	1/4	5,846.68	1/4	5,293.63	1/4	4,739.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,981.28	1/2	7,499.91	1/2	6,945.98	1/2	6,390.89	1/2	5,835.17	1/2	5,282.08	1/2	4,727.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,978.03	3/4	7,488.37	3/4	6,934.44	3/4	6,379.31	3/4	5,823.66	3/4	5,270.53	3/4	4,716.27
2	2	2	2	2	2	2	7,974.79	2	7,476.83	2	6,922.90	2	6,367.73	2	5,812.15	2	5,258.99	2	4,704.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,969.61	1/4	7,465.29	1/4	6,911.36	1/4	6,356.15	1/4	5,800.67	1/4	5,247.44	1/4	4,693.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,964.44	1/2	7,453.75	1/2	6,899.82	1/2	6,344.57	1/2	5,789.18	1/2	5,235.90	1/2	4,681.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,959.27	3/4	7,442.21	3/4	6,888.28	3/4	6,332.99	3/4	5,777.70	3/4	5,224.35	3/4	4,670.07
3	3	3	3	3	3	3	7,954.09	3	7,430.66	3	6,876.74	3	6,321.41	3	5,766.21	3	5,212.80	3	4,658.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,946.99	1/4	7,419.12	1/4	6,865.21	1/4	6,309.83	1/4	5,754.73	1/4	5,201.26	1/4	4,646.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,939.88	1/2	7,407.58	1/2	6,853.67	1/2	6,298.25	1/2	5,743.24	1/2	5,189.71	1/2	4,635.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,932.77	3/4	7,396.04	3/4	6,842.13	3/4	6,286.67	3/4	5,731.76	3/4	5,178.17	3/4	4,623.88
4	4	4	4	4	4	4	7,925.67	4	7,384.50	4	6,830.59	4	6,275.09	4	5,720.28	4	5,166.62	4	4,612.33
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,916.60	1/4	7,372.96	1/4	6,819.05	1/4	6,263.51	1/4	5,708.79	1/4	5,155.07	1/4	4,600.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,907.53	1/2	7,361.42	1/2	6,807.51	1/2	6,251.93	1/2	5,697.31	1/2	5,143.53	1/2	4,589.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,898.46	3/4	7,349.87	3/4	6,795.98	3/4	6,240.35	3/4	5,685.82	3/4	5,131.98	3/4	4,577.68
5	5	5	5	5	5	5	7,889.39	5	7,338.33	5	6,784.44	5	6,228.76	5	5,674.34	5	5,120.44	5	4,566.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,878.52	1/4	7,326.79	1/4	6,772.89	1/4	6,217.18	1/4	5,662.85	1/4	5,108.89	1/4	4,554.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,867.65	1/2	7,315.25	1/2	6,761.33	1/2	6,205.60	1/2	5,651.37	1/2	5,097.34	1/2	4,543.03
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,856.78	3/4	7,303.71	3/4	6,749.78	3/4	6,194.02	3/4	5,639.88	3/4	5,085.80	3/4	4,531.48
6	6	6	6	6	6	6	7,845.92	6	7,292.17	6	6,738.23	6	6,182.44	6	5,628.40	6	5,074.25	6	4,519.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,834.43	1/4	7,280.62	1/4	6,726.66	1/4	6,170.86	1/4	5,616.87	1/4	5,062.71	1/4	4,508.39
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,822.95	1/2	7,269.08	1/2	6,715.09	1/2	6,159.28	1/2	5,605.34	1/2	5,051.16	1/2	4,496.84
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,811.47	3/4	7,257.54	3/4	6,703.52	3/4	6,147.70	3/4	5,593.81	3/4	5,039.61	3/4	4,485.29
7	7	7	7	7	7	7	7,799.99	7	7,246.00	7	6,691.95	7	6,136.12	7	5,582.28	7	5,028.07	7	4,473.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,788.45	1/4	7,234.46	1/4	6,680.37	1/4	6,124.54	1/4	5,570.73	1/4	5,016.52	1/4	4,462.18
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,776.91	1/2	7,222.92	1/2	6,668.80	1/2	6,112.96	1/2	5,559.18	1/2	5,004.98	1/2	4,450.62
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,765.37	3/4	7,211.38	3/4	6,657.22	3/4	6,101.38	3/4	5,547.64	3/4	4,993.43	3/4	4,439.06
8	8	8	8	8	8	8	7,753.83	8	7,199.83	8	6,645.65	8	6,089.80	8	5,536.09	8	4,981.88	8	4,427.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,742.28	1/4	7,188.29	1/4	6,634.07	1/4	6,078.22	1/4	5,524.55	1/4	4,970.34	1/4	4,415.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,730.74	1/2	7,176.75	1/2	6,622.49	1/2	6,066.64	1/2	5,513.00	1/2	4,958.79	1/2	4,404.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,719.20	3/4	7,165.21	3/4	6,610.92	3/4	6,055.06	3/4	5,501.45	3/4	4,947.25	3/4	4,392.81
9	9	9	9	9	9	9	7,707.66	9	7,153.67	9	6,599.34	9	6,043.48	9	5,489.91	9	4,935.70	9	4,381.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,696.12	1/4	7,142.13	1/4	6,587.76	1/4	6,031.90	1/4	5,478.36	1/4	4,924.15	1/4	4,369.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,684.58	1/2	7,130.59	1/2	6,576.18	1/2	6,020.32	1/2	5,466.82	1/2	4,912.60	1/2	4,358.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,673.04	3/4	7,119.05	3/4	6,564.60	3/4	6,008.74	3/4	5,455.27	3/4	4,901.05	3/4	4,346.55
10	10	10	10	10	10	10	7,661.49	10	7,107.51	10	6,553.02	10	5,997.15	10	5,443.72	10	4,889.51	10	4,334.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,649.95	1/4	7,095.97	1/4	6,541.44	1/4	5,985.57	1/4	5,432.18	1/4	4,877.96	1/4	4,323.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,638.41	1/2	7,084.44	1/2	6,529.86	1/2	5,973.99	1/2	5,420.63	1/2	4,866.41	1/2	4,311.86
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,626.87	3/4	7,072.90	3/4	6,518.28	3/4	5,962.41	3/4	5,409.09	3/4	4,854.86	3/4	4,300.29
11	11	11	11	11	11	11	7,615.33	11	7,061.36	11	6,506.70	11	5,950.83	11	5,397.54	11	4,843.31	11	4,288.72
1/4	1/4	1/4	1/4	1/4	1/4	1/4	7,603.79	1/4	7,049.82	1/4	6,495.12	1/4	5,939.25	1/4	5,385.99	1/4	4,831.76	1/4	4,277.15
1/2	1/2	1/2	1/2	1/2	1/2	1/2	7,592.25	1/2	7,038.28	1/2	6,483.54	1/2	5,927.67	1/2	5,374.45	1/2	4,820.21	1/2	4,265.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	7,580.70	3/4	7,026.74	3/4	6,471.96	3/4	5,916.09	3/4	5,362.90	3/4	4,808.66	3/4	4,254.02

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 3'-03" OFF CENTERLINE AND 27'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "WEB 322"

1 CENTER ULLAGE TABLE

GAUGE HEIGHT 18'-00"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	4,242.45	0	3,687.20	0	3,131.94	0	2,578.88	0	2,024.19	0	1,470.54	0	923.26	0	388.71	0	6.56	0	0
1/4	4,230.88	1/4	3,675.63	1/4	3,120.37	1/4	2,567.36	1/4	2,012.63	1/4	1,459.18	1/4	911.69	1/4	378.52	1/4		1/4	1/4
1/2	4,219.32	1/2	3,664.06	1/2	3,108.81	1/2	2,555.85	1/2	2,001.07	1/2	1,447.81	1/2	900.12	1/2	368.32	1/2		1/2	1/2
3/4	4,207.75	3/4	3,652.49	3/4	3,097.24	3/4	2,544.33	3/4	1,989.51	3/4	1,436.45	3/4	888.55	3/4	358.13	3/4		3/4	3/4
1	4,196.18	1	3,640.93	1	3,085.67	1	2,532.82	1	1,977.95	1	1,425.08	1	876.98	1	347.93	1		1	1
1/4	4,184.61	1/4	3,629.36	1/4	3,074.12	1/4	2,521.28	1/4	1,966.39	1/4	1,413.72	1/4	865.41	1/4	337.90	1/4		1/4	1/4
1/2	4,173.04	1/2	3,617.79	1/2	3,062.58	1/2	2,509.75	1/2	1,954.84	1/2	1,402.35	1/2	853.84	1/2	327.87	1/2		1/2	1/2
3/4	4,161.48	3/4	3,606.22	3/4	3,051.03	3/4	2,498.22	3/4	1,943.28	3/4	1,390.99	3/4	842.27	3/4	317.83	3/4		3/4	3/4
2	4,149.91	2	3,594.65	2	3,039.48	2	2,486.69	2	1,931.72	2	1,379.62	2	830.70	2	307.80	2		2	2
1/4	4,138.34	1/4	3,583.09	1/4	3,027.96	1/4	2,475.13	1/4	1,920.17	1/4	1,368.25	1/4	819.13	1/4	297.93	1/4		1/4	1/4
1/2	4,126.77	1/2	3,571.52	1/2	3,016.44	1/2	2,463.57	1/2	1,908.61	1/2	1,356.89	1/2	807.56	1/2	288.06	1/2		1/2	1/2
3/4	4,115.21	3/4	3,559.95	3/4	3,004.92	3/4	2,452.02	3/4	1,897.06	3/4	1,345.52	3/4	795.98	3/4	278.19	3/4		3/4	3/4
3	4,103.64	3	3,548.38	3	2,993.40	3	2,440.46	3	1,885.50	3	1,334.16	3	784.41	3	268.32	3		3	3
1/4	4,092.07	1/4	3,536.82	1/4	2,981.88	1/4	2,428.90	1/4	1,873.94	1/4	1,322.79	1/4	772.86	1/4	258.62	1/4		1/4	1/4
1/2	4,080.50	1/2	3,525.25	1/2	2,970.37	1/2	2,417.33	1/2	1,862.39	1/2	1,311.43	1/2	761.30	1/2	248.91	1/2		1/2	1/2
3/4	4,068.93	3/4	3,513.68	3/4	2,958.85	3/4	2,405.77	3/4	1,850.83	3/4	1,300.06	3/4	749.75	3/4	239.21	3/4		3/4	3/4
4	4,057.37	4	3,502.11	4	2,947.34	4	2,394.21	4	1,839.28	4	1,288.70	4	738.19	4	229.51	4		4	4
1/4	4,045.80	1/4	3,490.54	1/4	2,935.83	1/4	2,382.65	1/4	1,827.72	1/4	1,277.33	1/4	726.72	1/4	219.98	1/4		1/4	1/4
1/2	4,034.23	1/2	3,478.98	1/2	2,924.31	1/2	2,371.08	1/2	1,816.17	1/2	1,265.97	1/2	715.24	1/2	210.45	1/2		1/2	1/2
3/4	4,022.66	3/4	3,467.41	3/4	2,912.80	3/4	2,359.52	3/4	1,804.61	3/4	1,254.60	3/4	703.77	3/4	200.92	3/4		3/4	3/4
5	4,011.10	5	3,455.84	5	2,901.28	5	2,347.96	5	1,793.05	5	1,243.24	5	692.29	5	191.39	5		5	5
1/4	3,999.53	1/4	3,444.27	1/4	2,889.77	1/4	2,336.39	1/4	1,781.50	1/4	1,231.87	1/4	680.97	1/4	182.04	1/4		1/4	1/4
1/2	3,987.96	1/2	3,432.71	1/2	2,878.25	1/2	2,324.83	1/2	1,769.94	1/2	1,220.51	1/2	669.64	1/2	172.69	1/2		1/2	1/2
3/4	3,976.39	3/4	3,421.14	3/4	2,866.74	3/4	2,313.27	3/4	1,758.39	3/4	1,209.14	3/4	658.31	3/4	163.34	3/4		3/4	3/4
6	3,964.82	6	3,409.57	6	2,855.22	6	2,301.70	6	1,746.83	6	1,197.78	6	646.98	6	153.99	6		6	6
1/4	3,953.26	1/4	3,398.00	1/4	2,843.71	1/4	2,290.14	1/4	1,735.27	1/4	1,186.41	1/4	635.82	1/4	144.83	1/4		1/4	1/4
1/2	3,941.69	1/2	3,386.43	1/2	2,832.19	1/2	2,278.58	1/2	1,723.71	1/2	1,175.04	1/2	624.65	1/2	135.67	1/2		1/2	1/2
3/4	3,930.12	3/4	3,374.87	3/4	2,820.68	3/4	2,267.02	3/4	1,712.15	3/4	1,163.68	3/4	613.48	3/4	126.51	3/4		3/4	3/4
7	3,918.55	7	3,363.30	7	2,809.17	7	2,255.45	7	1,700.59	7	1,152.31	7	602.32	7	117.35	7		7	7
1/4	3,906.98	1/4	3,351.73	1/4	2,797.65	1/4	2,243.89	1/4	1,689.03	1/4	1,140.93	1/4	591.31	1/4	108.40	1/4		1/4	1/4
1/2	3,895.42	1/2	3,340.16	1/2	2,786.14	1/2	2,232.33	1/2	1,677.47	1/2	1,129.54	1/2	580.31	1/2	99.45	1/2		1/2	1/2
3/4	3,883.85	3/4	3,328.59	3/4	2,774.62	3/4	2,220.76	3/4	1,665.91	3/4	1,118.15	3/4	569.31	3/4	90.50	3/4		3/4	3/4
8	3,872.28	8	3,317.03	8	2,763.11	8	2,209.20	8	1,654.34	8	1,106.76	8	558.30	8	81.55	8		8	8
1/4	3,860.71	1/4	3,305.46	1/4	2,751.59	1/4	2,197.64	1/4	1,642.78	1/4	1,095.35	1/4	547.46	1/4	73.55	1/4		1/4	1/4
1/2	3,849.15	1/2	3,293.89	1/2	2,740.08	1/2	2,186.07	1/2	1,631.22	1/2	1,083.93	1/2	536.62	1/2	65.55	1/2		1/2	1/2
3/4	3,837.58	3/4	3,282.32	3/4	2,728.56	3/4	2,174.51	3/4	1,619.65	3/4	1,072.51	3/4	525.78	3/4	57.55	3/4		3/4	3/4
9	3,826.01	9	3,270.76	9	2,717.05	9	2,162.95	9	1,608.09	9	1,061.09	9	514.93	9	49.55	9		9	9
1/4	3,814.44	1/4	3,259.19	1/4	2,705.54	1/4	2,151.39	1/4	1,596.55	1/4	1,049.67	1/4	504.25	1/4	43.70	1/4		1/4	1/4
1/2	3,802.87	1/2	3,247.62	1/2	2,694.02	1/2	2,139.82	1/2	1,585.00	1/2	1,038.24	1/2	493.57	1/2	37.84	1/2		1/2	1/2
3/4	3,791.31	3/4	3,236.05	3/4	2,682.51	3/4	2,128.26	3/4	1,573.46	3/4	1,026.82	3/4	482.89	3/4	31.99	3/4		3/4	3/4
10	3,779.74	10	3,224.48	10	2,670.99	10	2,116.70	10	1,561.92	10	1,015.39	10	472.21	10	26.14	10		10	10
1/4	3,768.17	1/4	3,212.92	1/4	2,659.48	1/4	2,105.13	1/4	1,550.46	1/4	1,003.91	1/4	461.69	1/4	22.76	1/4		1/4	1/4
1/2	3,756.60	1/2	3,201.35	1/2	2,647.96	1/2	2,093.57	1/2	1,539.00	1/2	992.43	1/2	451.18	1/2	19.39	1/2		1/2	1/2
3/4	3,745.04	3/4	3,189.78	3/4	2,636.45	3/4	2,082.01	3/4	1,527.54	3/4	980.95	3/4	440.66	3/4	16.01	3/4		3/4	3/4
11	3,733.47	11	3,178.21	11	2,624.93	11	2,070.44	11	1,516.08	11	969.47	11	430.14	11	12.64	11		11	11
1/4	3,721.90	1/4	3,166.65	1/4	2,613.42	1/4	2,058.88	1/4	1,504.69	1/4	957.92	1/4	419.78	1/4	11.12	1/4		1/4	1/4
1/2	3,710.33	1/2	3,155.08	1/2	2,601.90	1/2	2,047.32	1/2	1,493.31	1/2	946.37	1/2	409.43	1/2	9.60	1/2		1/2	1/2
3/4	3,698.76	3/4	3,143.51	3/4	2,590.39	3/4	2,035.76	3/4	1,481.93	3/4	934.81	3/4	399.07	3/4	8.08	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/26/2010 CL - SW
CALCULATED: 01/27/2010 CL
PRINTED: 01/27/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2010

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



BARGE "WEB 322"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-10" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "WEB 322"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,127.92	0	1,849.58	0	1,571.24	0	1,292.90	0	1,014.56	0	736.25	0	458.13	0	179.99	0			0
1/4	2,122.13	1/4	1,843.78	1/4	1,565.44	1/4	1,287.10	1/4	1,008.76	1/4	730.46	1/4	452.34	1/4	174.19	1/4			1/4
1/2	2,116.33	1/2	1,837.98	1/2	1,559.64	1/2	1,281.30	1/2	1,002.96	1/2	724.66	1/2	446.55	1/2	168.39	1/2			1/2
3/4	2,110.53	3/4	1,832.19	3/4	1,553.84	3/4	1,275.50	3/4	997.16	3/4	718.86	3/4	440.76	3/4	162.60	3/4			3/4
1	2,104.73	1	1,826.39	1	1,548.04	1	1,269.70	1	991.36	1	713.07	1	434.97	1	156.80	1			1
1 1/4	2,098.93	1 1/4	1,820.59	1 1/4	1,542.25	1 1/4	1,263.90	1 1/4	985.56	1 1/4	707.27	1 1/4	429.19	1 1/4	151.01	1 1/4			1 1/4
1 1/2	2,093.13	1 1/2	1,814.79	1 1/2	1,536.45	1 1/2	1,258.10	1 1/2	979.76	1 1/2	701.47	1 1/2	423.40	1 1/2	145.22	1 1/2			1 1/2
3/4	2,087.33	3/4	1,808.99	3/4	1,530.65	3/4	1,252.31	3/4	973.96	3/4	695.68	3/4	417.61	3/4	139.43	3/4			3/4
2	2,081.53	2	1,803.19	2	1,524.85	2	1,246.51	2	968.16	2	689.88	2	411.82	2	133.64	2			2
1 1/4	2,075.74	1 1/4	1,797.39	1 1/4	1,519.05	1 1/4	1,240.71	1 1/4	962.37	1 1/4	684.09	1 1/4	406.03	1 1/4	127.85	1 1/4			1 1/4
1 1/2	2,069.94	1 1/2	1,791.59	1 1/2	1,513.25	1 1/2	1,234.91	1 1/2	956.57	1 1/2	678.29	1 1/2	400.24	1 1/2	122.08	1 1/2			1 1/2
3/4	2,064.14	3/4	1,785.80	3/4	1,507.45	3/4	1,229.11	3/4	950.77	3/4	672.49	3/4	394.45	3/4	116.30	3/4			3/4
3	2,058.34	3	1,780.00	3	1,501.65	3	1,223.31	3	944.97	3	666.70	3	388.66	3	110.52	3			3
1 1/4	2,052.54	1 1/4	1,774.20	1 1/4	1,495.86	1 1/4	1,217.51	1 1/4	939.17	1 1/4	660.90	1 1/4	382.88	1 1/4	104.75	1 1/4			1 1/4
1 1/2	2,046.74	1 1/2	1,768.40	1 1/2	1,490.06	1 1/2	1,211.71	1 1/2	933.37	1 1/2	655.11	1 1/2	377.09	1 1/2	98.99	1 1/2			1 1/2
3/4	2,040.94	3/4	1,762.60	3/4	1,484.26	3/4	1,205.92	3/4	927.57	3/4	649.31	3/4	371.30	3/4	93.23	3/4			3/4
4	2,035.14	4	1,756.80	4	1,478.46	4	1,200.12	4	921.77	4	643.51	4	365.51	4	87.47	4			4
1 1/4	2,029.35	1 1/4	1,751.00	1 1/4	1,472.66	1 1/4	1,194.32	1 1/4	915.98	1 1/4	637.72	1 1/4	359.72	1 1/4	81.71	1 1/4			1 1/4
1 1/2	2,023.55	1 1/2	1,745.20	1 1/2	1,466.86	1 1/2	1,188.52	1 1/2	910.18	1 1/2	631.92	1 1/2	353.93	1 1/2	75.98	1 1/2			1 1/2
3/4	2,017.75	3/4	1,739.41	3/4	1,461.06	3/4	1,182.72	3/4	904.38	3/4	626.12	3/4	348.13	3/4	70.25	3/4			3/4
5	2,011.95	5	1,733.61	5	1,455.26	5	1,176.92	5	898.58	5	620.33	5	342.34	5	64.53	5			5
1 1/4	2,006.15	1 1/4	1,727.81	1 1/4	1,449.47	1 1/4	1,171.12	1 1/4	892.78	1 1/4	614.53	1 1/4	336.55	1 1/4	58.80	1 1/4			1 1/4
1 1/2	2,000.35	1 1/2	1,722.01	1 1/2	1,443.67	1 1/2	1,165.32	1 1/2	886.98	1 1/2	608.74	1 1/2	330.75	1 1/2	53.58	1 1/2			1 1/2
3/4	1,994.55	3/4	1,716.21	3/4	1,437.87	3/4	1,159.53	3/4	881.18	3/4	602.94	3/4	324.95	3/4	48.37	3/4			3/4
6	1,988.75	6	1,710.41	6	1,432.07	6	1,153.73	6	875.38	6	597.14	6	319.15	6	43.16	6			6
1 1/4	1,982.95	1 1/4	1,704.61	1 1/4	1,426.27	1 1/4	1,147.93	1 1/4	869.59	1 1/4	591.35	1 1/4	313.35	1 1/4	37.94	1 1/4			1 1/4
1 1/2	1,977.16	1 1/2	1,698.81	1 1/2	1,420.47	1 1/2	1,142.13	1 1/2	863.79	1 1/2	585.55	1 1/2	307.55	1 1/2	33.88	1 1/2			1 1/2
3/4	1,971.36	3/4	1,693.01	3/4	1,414.67	3/4	1,136.33	3/4	857.99	3/4	579.75	3/4	301.75	3/4	29.83	3/4			3/4
7	1,965.56	7	1,687.22	7	1,408.87	7	1,130.53	7	852.19	7	573.96	7	295.96	7	25.77	7			7
1 1/4	1,959.76	1 1/4	1,681.42	1 1/4	1,403.07	1 1/4	1,124.73	1 1/4	846.39	1 1/4	568.16	1 1/4	290.16	1 1/4	21.71	1 1/4			1 1/4
1 1/2	1,953.96	1 1/2	1,675.62	1 1/2	1,397.28	1 1/2	1,118.93	1 1/2	840.59	1 1/2	562.37	1 1/2	284.36	1 1/2		1 1/2			1 1/2
3/4	1,948.16	3/4	1,669.82	3/4	1,391.48	3/4	1,113.13	3/4	834.79	3/4	556.57	3/4	278.56	3/4		3/4			3/4
8	1,942.36	8	1,664.02	8	1,385.68	8	1,107.34	8	828.99	8	550.77	8	272.76	8		8			8
1 1/4	1,936.56	1 1/4	1,658.22	1 1/4	1,379.88	1 1/4	1,101.54	1 1/4	823.19	1 1/4	544.98	1 1/4	266.96	1 1/4		1 1/4			1 1/4
1 1/2	1,930.77	1 1/2	1,652.42	1 1/2	1,374.08	1 1/2	1,095.74	1 1/2	817.40	1 1/2	539.18	1 1/2	261.16	1 1/2		1 1/2			1 1/2
3/4	1,924.97	3/4	1,646.62	3/4	1,368.28	3/4	1,089.94	3/4	811.60	3/4	533.39	3/4	255.37	3/4		3/4			3/4
9	1,919.17	9	1,640.83	9	1,362.48	9	1,084.14	9	805.81	9	527.60	9	249.57	9		9			9
1 1/4	1,913.37	1 1/4	1,635.03	1 1/4	1,356.68	1 1/4	1,078.34	1 1/4	800.01	1 1/4	521.81	1 1/4	243.77	1 1/4		1 1/4			1 1/4
1 1/2	1,907.57	1 1/2	1,629.23	1 1/2	1,350.89	1 1/2	1,072.54	1 1/2	794.21	1 1/2	516.02	1 1/2	237.97	1 1/2		1 1/2			1 1/2
3/4	1,901.77	3/4	1,623.43	3/4	1,345.09	3/4	1,066.74	3/4	788.42	3/4	510.23	3/4	232.17	3/4		3/4			3/4
10	1,895.97	10	1,617.63	10	1,339.29	10	1,060.95	10	782.62	10	504.44	10	226.37	10		10			10
1 1/4	1,890.17	1 1/4	1,611.83	1 1/4	1,333.49	1 1/4	1,055.15	1 1/4	776.83	1 1/4	498.65	1 1/4	220.57	1 1/4		1 1/4			1 1/4
1 1/2	1,884.38	1 1/2	1,606.03	1 1/2	1,327.69	1 1/2	1,049.35	1 1/2	771.03	1 1/2	492.86	1 1/2	214.78	1 1/2		1 1/2			1 1/2
3/4	1,878.58	3/4	1,600.23	3/4	1,321.89	3/4	1,043.55	3/4	765.23	3/4	487.07	3/4	208.98	3/4		3/4			3/4
11	1,872.78	11	1,594.44	11	1,316.09	11	1,037.75	11	759.44	11	481.28	11	203.18	11		11			11
1 1/4	1,866.98	1 1/4	1,588.64	1 1/4	1,310.29	1 1/4	1,031.95	1 1/4	753.64	1 1/4	475.50	1 1/4	197.38	1 1/4		1 1/4			1 1/4
1 1/2	1,861.18	1 1/2	1,582.84	1 1/2	1,304.50	1 1/2	1,026.15	1 1/2	747.84	1 1/2	469.71	1 1/2	191.58	1 1/2		1 1/2			1 1/2
3/4	1,855.38	3/4	1,577.04	3/4	1,298.70	3/4	1,020.35	3/4	742.05	3/4	463.92	3/4	185.78	3/4		3/4			3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/26/2010 CL - SW
CALCULATED: 01/27/2010 CL
PRINTED: 01/27/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2010

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



BARGE "WEB 322"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07 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	0	0	0	0	0	3,776.98	0	3,501.36	0	3,224.46	0	2,947.13	0	2,669.79	0	2,392.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,771.23	1/4	3,495.62	1/4	3,218.69	1/4	2,941.35	1/4	2,664.02	1/4	2,386.65
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,028.59	1/2	3,765.49	1/2	3,489.88	1/2	3,212.91	1/2	2,935.57	1/2	2,658.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,024.86	3/4	3,759.75	3/4	3,484.14	3/4	3,207.13	3/4	2,929.80	3/4	2,652.46
1	1	1	1	1	1	1	1	1	4,021.13	1	3,754.00	1	3,478.40	1	3,201.35	1	2,924.02	1	2,646.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,017.40	1/4	3,748.26	1/4	3,472.66	1/4	3,195.57	1/4	2,918.24	1/4	2,640.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,013.66	1/2	3,742.52	1/2	3,466.91	1/2	3,189.80	1/2	2,912.46	1/2	2,635.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,008.93	3/4	3,736.78	3/4	3,461.17	3/4	3,184.02	3/4	2,906.68	3/4	2,629.35
2	2	2	2	2	2	2	2	2	4,004.19	2	3,731.03	2	3,455.43	2	3,178.24	2	2,900.91	2	2,623.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,999.45	1/4	3,725.29	1/4	3,449.69	1/4	3,172.46	1/4	2,895.13	1/4	2,617.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,994.71	1/2	3,719.55	1/2	3,443.95	1/2	3,166.69	1/2	2,889.35	1/2	2,612.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,989.09	3/4	3,713.81	3/4	3,438.19	3/4	3,160.91	3/4	2,883.57	3/4	2,606.24
3	3	3	3	3	3	3	3	3	3,983.47	3	3,708.06	3	3,432.43	3	3,155.13	3	2,877.80	3	2,600.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,977.85	1/4	3,702.32	1/4	3,426.67	1/4	3,149.35	1/4	2,872.02	1/4	2,594.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,972.23	1/2	3,696.58	1/2	3,420.91	1/2	3,143.57	1/2	2,866.24	1/2	2,588.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,966.48	3/4	3,690.83	3/4	3,415.13	3/4	3,137.80	3/4	2,860.46	3/4	2,583.13
4	4	4	4	4	4	4	4	4	3,960.74	4	3,685.09	4	3,409.35	4	3,132.02	4	2,854.68	4	2,577.35
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,955.00	1/4	3,679.35	1/4	3,403.58	1/4	3,126.24	1/4	2,848.91	1/4	2,571.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,949.26	1/2	3,673.61	1/2	3,397.80	1/2	3,120.46	1/2	2,843.13	1/2	2,565.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,943.51	3/4	3,667.86	3/4	3,392.02	3/4	3,114.69	3/4	2,837.35	3/4	2,560.02
5	5	5	5	5	5	5	5	5	3,937.77	5	3,662.12	5	3,386.24	5	3,108.91	5	2,831.57	5	2,554.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,932.03	1/4	3,656.38	1/4	3,380.46	1/4	3,103.13	1/4	2,825.80	1/4	2,548.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,926.29	1/2	3,650.64	1/2	3,374.69	1/2	3,097.35	1/2	2,820.02	1/2	2,542.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,920.54	3/4	3,644.89	3/4	3,368.91	3/4	3,091.57	3/4	2,814.24	3/4	2,536.91
6	6	6	6	6	6	6	6	6	3,914.80	6	3,639.15	6	3,363.13	6	3,085.80	6	2,808.46	6	2,531.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,909.06	1/4	3,633.41	1/4	3,357.35	1/4	3,080.02	1/4	2,802.68	1/4	2,525.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,903.31	1/2	3,627.66	1/2	3,351.58	1/2	3,074.24	1/2	2,796.91	1/2	2,519.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,897.57	3/4	3,621.92	3/4	3,345.80	3/4	3,068.46	3/4	2,791.13	3/4	2,513.79
7	7	7	7	7	7	7	7	7	3,891.83	7	3,616.18	7	3,340.02	7	3,062.69	7	2,785.35	7	2,508.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,886.09	1/4	3,610.44	1/4	3,334.24	1/4	3,056.91	1/4	2,779.57	1/4	2,502.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,880.34	1/2	3,604.70	1/2	3,328.46	1/2	3,051.13	1/2	2,773.80	1/2	2,496.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,874.60	3/4	3,598.96	3/4	3,322.69	3/4	3,045.35	3/4	2,768.02	3/4	2,490.68
8	8	8	8	8	8	8	8	8	3,868.86	8	3,593.22	8	3,316.91	8	3,039.57	8	2,762.24	8	2,484.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,863.12	1/4	3,587.48	1/4	3,311.13	1/4	3,033.80	1/4	2,756.46	1/4	2,479.12
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,857.37	1/2	3,581.74	1/2	3,305.35	1/2	3,028.02	1/2	2,750.68	1/2	2,473.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,851.63	3/4	3,576.00	3/4	3,299.58	3/4	3,022.24	3/4	2,744.91	3/4	2,467.56
9	9	9	9	9	9	9	9	9	3,845.89	9	3,570.25	9	3,293.80	9	3,016.46	9	2,739.13	9	2,461.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,840.14	1/4	3,564.51	1/4	3,288.02	1/4	3,010.69	1/4	2,733.35	1/4	2,456.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,834.40	1/2	3,558.77	1/2	3,282.24	1/2	3,004.91	1/2	2,727.57	1/2	2,450.22
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,828.66	3/4	3,553.03	3/4	3,276.46	3/4	2,999.13	3/4	2,721.80	3/4	2,444.44
10	10	10	10	10	10	10	10	10	3,822.92	10	3,547.29	10	3,270.69	10	2,993.35	10	2,716.02	10	2,438.66
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,817.17	1/4	3,541.55	1/4	3,264.91	1/4	2,987.57	1/4	2,710.24	1/4	2,432.88
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,811.43	1/2	3,535.81	1/2	3,259.13	1/2	2,981.80	1/2	2,704.46	1/2	2,427.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,805.69	3/4	3,530.07	3/4	3,253.35	3/4	2,976.02	3/4	2,698.68	3/4	2,421.32
11	11	11	11	11	11	11	11	11	3,799.95	11	3,524.33	11	3,247.57	11	2,970.24	11	2,692.91	11	2,415.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,794.20	1/4	3,518.58	1/4	3,241.80	1/4	2,964.46	1/4	2,687.13	1/4	2,409.77
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,788.46	1/2	3,512.84	1/2	3,236.02	1/2	2,958.68	1/2	2,681.35	1/2	2,403.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,782.72	3/4	3,507.10	3/4	3,230.24	3/4	2,952.91	3/4	2,675.57	3/4	2,398.21

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 11'-10" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2692
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "WEB 322"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07 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	2,115.02	0	1,837.61	0	1,560.21	0	1,282.80	0	1,005.40	0	732.83	0	462.36	0	185.16	0		0	
1/4	2,109.24	1/4	1,831.84	1/4	1,554.43	1/4	1,277.02	1/4	999.62	1/4	727.29	1/4	456.59	1/4	179.38	1/4		1/4	
1/2	2,103.46	1/2	1,826.06	1/2	1,548.65	1/2	1,271.24	1/2	993.84	1/2	721.76	1/2	450.82	1/2	173.60	1/2		1/2	
3/4	2,097.68	3/4	1,820.28	3/4	1,542.87	3/4	1,265.46	3/4	988.06	3/4	716.22	3/4	445.05	3/4	167.83	3/4		3/4	
1	2,091.90	1	1,814.50	1	1,537.09	1	1,259.68	1	982.28	1	710.68	1	439.28	1	162.05	1		1	
1/4	2,086.12	1/4	1,808.72	1/4	1,531.31	1/4	1,253.91	1/4	976.50	1/4	705.15	1/4	433.52	1/4	156.28	1/4		1/4	
1/2	2,080.35	1/2	1,802.94	1/2	1,525.53	1/2	1,248.13	1/2	970.72	1/2	699.61	1/2	427.75	1/2	150.50	1/2		1/2	
3/4	2,074.57	3/4	1,797.16	3/4	1,519.75	3/4	1,242.35	3/4	964.94	3/4	694.07	3/4	421.98	3/4	144.73	3/4		3/4	
2	2,068.79	2	1,791.38	2	1,513.97	2	1,236.57	2	959.16	2	688.54	2	416.21	2	138.96	2		2	
1/4	2,063.01	1/4	1,785.60	1/4	1,508.19	1/4	1,230.79	1/4	953.38	1/4	683.00	1/4	410.44	1/4	133.19	1/4		1/4	
1/2	2,057.23	1/2	1,779.82	1/2	1,502.42	1/2	1,225.01	1/2	947.60	1/2	677.46	1/2	404.67	1/2	127.43	1/2		1/2	
3/4	2,051.45	3/4	1,774.04	3/4	1,496.64	3/4	1,219.23	3/4	941.82	3/4	671.93	3/4	398.90	3/4	121.67	3/4		3/4	
3	2,045.67	3	1,768.26	3	1,490.86	3	1,213.45	3	936.04	3	666.39	3	393.13	3	115.91	3		3	
1/4	2,039.89	1/4	1,762.48	1/4	1,485.08	1/4	1,207.67	1/4	930.26	1/4	660.85	1/4	387.36	1/4	110.15	1/4		1/4	
1/2	2,034.11	1/2	1,756.70	1/2	1,479.30	1/2	1,201.89	1/2	924.49	1/2	655.32	1/2	381.59	1/2	104.40	1/2		1/2	
3/4	2,028.33	3/4	1,750.93	3/4	1,473.52	3/4	1,196.11	3/4	918.71	3/4	649.78	3/4	375.82	3/4	98.66	3/4		3/4	
4	2,022.55	4	1,745.15	4	1,467.74	4	1,190.33	4	912.93	4	644.25	4	370.05	4	92.92	4		4	
1/4	2,016.77	1/4	1,739.37	1/4	1,461.96	1/4	1,184.55	1/4	907.15	1/4	638.71	1/4	364.28	1/4	87.18	1/4		1/4	
1/2	2,010.99	1/2	1,733.59	1/2	1,456.18	1/2	1,178.77	1/2	901.37	1/2	633.17	1/2	358.51	1/2	81.44	1/2		1/2	
3/4	2,005.21	3/4	1,727.81	3/4	1,450.40	3/4	1,173.00	3/4	895.59	3/4	627.64	3/4	352.74	3/4	75.73	3/4		3/4	
5	1,999.44	5	1,722.03	5	1,444.62	5	1,167.22	5	889.81	5	622.10	5	346.96	5	70.02	5		5	
1/4	1,993.66	1/4	1,716.25	1/4	1,438.84	1/4	1,161.44	1/4	884.03	1/4	616.56	1/4	341.19	1/4	64.31	1/4		1/4	
1/2	1,987.88	1/2	1,710.47	1/2	1,433.06	1/2	1,155.66	1/2	878.25	1/2	611.03	1/2	335.42	1/2	58.60	1/2		1/2	
3/4	1,982.10	3/4	1,704.69	3/4	1,427.28	3/4	1,149.88	3/4	872.47	3/4	605.49	3/4	329.64	3/4	53.41	3/4		3/4	
6	1,976.32	6	1,698.91	6	1,421.51	6	1,144.10	6	866.69	6	599.95	6	323.86	6	48.21	6		6	
1/4	1,970.54	1/4	1,693.13	1/4	1,415.73	1/4	1,138.32	1/4	860.91	1/4	594.42	1/4	318.08	1/4	43.02	1/4		1/4	
1/2	1,964.76	1/2	1,687.35	1/2	1,409.95	1/2	1,132.54	1/2	855.13	1/2	588.88	1/2	312.30	1/2	37.82	1/2		1/2	
3/4	1,958.98	3/4	1,681.57	3/4	1,404.17	3/4	1,126.76	3/4	849.47	3/4	583.22	3/4	306.52	3/4	33.77	3/4		3/4	
7	1,953.20	7	1,675.79	7	1,398.39	7	1,120.98	7	843.82	7	577.57	7	300.74	7	29.73	7		7	
1/4	1,947.42	1/4	1,670.02	1/4	1,392.61	1/4	1,115.20	1/4	838.16	1/4	571.91	1/4	294.96	1/4	25.68	1/4		1/4	
1/2	1,941.64	1/2	1,664.24	1/2	1,386.83	1/2	1,109.42	1/2	832.50	1/2	566.25	1/2	289.18	1/2	21.64	1/2		1/2	
3/4	1,935.86	3/4	1,658.46	3/4	1,381.05	3/4	1,103.64	3/4	826.96	3/4	560.48	3/4	283.40	3/4		3/4		3/4	
8	1,930.08	8	1,652.68	8	1,375.27	8	1,097.86	8	821.42	8	554.70	8	277.63	8		8		8	
1/4	1,924.30	1/4	1,646.90	1/4	1,369.49	1/4	1,092.09	1/4	815.88	1/4	548.92	1/4	271.85	1/4		1/4		1/4	
1/2	1,918.52	1/2	1,641.12	1/2	1,363.71	1/2	1,086.31	1/2	810.34	1/2	543.15	1/2	266.07	1/2		1/2		1/2	
3/4	1,912.75	3/4	1,635.34	3/4	1,357.93	3/4	1,080.53	3/4	804.80	3/4	537.37	3/4	260.29	3/4		3/4		3/4	
9	1,906.97	9	1,629.56	9	1,352.15	9	1,074.75	9	799.27	9	531.60	9	254.51	9		9		9	
1/4	1,901.19	1/4	1,623.78	1/4	1,346.37	1/4	1,068.97	1/4	793.73	1/4	525.83	1/4	248.73	1/4		1/4		1/4	
1/2	1,895.41	1/2	1,618.00	1/2	1,340.59	1/2	1,063.19	1/2	788.19	1/2	520.06	1/2	242.95	1/2		1/2		1/2	
3/4	1,889.63	3/4	1,612.22	3/4	1,334.82	3/4	1,057.41	3/4	782.66	3/4	514.29	3/4	237.17	3/4		3/4		3/4	
10	1,883.85	10	1,606.44	10	1,329.04	10	1,051.63	10	777.12	10	508.52	10	231.39	10		10		10	
1/4	1,878.07	1/4	1,600.66	1/4	1,323.26	1/4	1,045.85	1/4	771.58	1/4	502.75	1/4	225.61	1/4		1/4		1/4	
1/2	1,872.29	1/2	1,594.88	1/2	1,317.48	1/2	1,040.07	1/2	766.05	1/2	496.98	1/2	219.83	1/2		1/2		1/2	
3/4	1,866.51	3/4	1,589.10	3/4	1,311.70	3/4	1,034.29	3/4	760.51	3/4	491.21	3/4	214.06	3/4		3/4		3/4	
11	1,860.73	11	1,583.33	11	1,305.92	11	1,028.51	11	754.98	11	485.44	11	208.28	11		11		11	
1/4	1,854.95	1/4	1,577.55	1/4	1,300.14	1/4	1,022.73	1/4	749.44	1/4	479.67	1/4	202.50	1/4		1/4		1/4	
1/2	1,849.17	1/2	1,571.77	1/2	1,294.36	1/2	1,016.95	1/2	743.90	1/2	473.90	1/2	196.72	1/2		1/2		1/2	
3/4	1,843.39	3/4	1,565.99	3/4	1,288.58	3/4	1,011.17	3/4	738.37	3/4	468.13	3/4	190.94	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/26/2010 CL - SW
CALCULATED: 01/27/2010 CL
PRINTED: 01/27/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2010

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



BARGE "WEB 322"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 11'-10" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "WEB 322"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07 1/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,127.92	0	1,849.58	0	1,571.24	0	1,292.90	0	1,014.56	0	736.25	0	458.13	0	179.99	0			
1/4	2,122.13	1/4	1,843.78	1/4	1,565.44	1/4	1,287.10	1/4	1,008.76	1/4	730.46	1/4	452.34	1/4	174.19	1/4			
1/2	2,116.33	1/2	1,837.98	1/2	1,559.64	1/2	1,281.30	1/2	1,002.96	1/2	724.66	1/2	446.55	1/2	168.39	1/2			
3/4	2,110.53	3/4	1,832.19	3/4	1,553.84	3/4	1,275.50	3/4	997.16	3/4	718.86	3/4	440.76	3/4	162.60	3/4			
1	2,104.73	1	1,826.39	1	1,548.04	1	1,269.70	1	991.36	1	713.07	1	434.97	1	156.80	1			
1/4	2,098.93	1/4	1,820.59	1/4	1,542.25	1/4	1,263.90	1/4	985.56	1/4	707.27	1/4	429.19	1/4	151.01	1/4			
1/2	2,093.13	1/2	1,814.79	1/2	1,536.45	1/2	1,258.10	1/2	979.76	1/2	701.47	1/2	423.40	1/2	145.22	1/2			
3/4	2,087.33	3/4	1,808.99	3/4	1,530.65	3/4	1,252.31	3/4	973.96	3/4	695.68	3/4	417.61	3/4	139.43	3/4			
2	2,081.53	2	1,803.19	2	1,524.85	2	1,246.51	2	968.16	2	689.88	2	411.82	2	133.64	2			
1/4	2,075.74	1/4	1,797.39	1/4	1,519.05	1/4	1,240.71	1/4	962.37	1/4	684.09	1/4	406.03	1/4	127.85	1/4			
1/2	2,069.94	1/2	1,791.59	1/2	1,513.25	1/2	1,234.91	1/2	956.57	1/2	678.29	1/2	400.24	1/2	122.08	1/2			
3/4	2,064.14	3/4	1,785.80	3/4	1,507.45	3/4	1,229.11	3/4	950.77	3/4	672.49	3/4	394.45	3/4	116.30	3/4			
3	2,058.34	3	1,780.00	3	1,501.65	3	1,223.31	3	944.97	3	666.70	3	388.66	3	110.52	3			
1/4	2,052.54	1/4	1,774.20	1/4	1,495.86	1/4	1,217.51	1/4	939.17	1/4	660.90	1/4	382.88	1/4	104.75	1/4			
1/2	2,046.74	1/2	1,768.40	1/2	1,490.06	1/2	1,211.71	1/2	933.37	1/2	655.11	1/2	377.09	1/2	98.99	1/2			
3/4	2,040.94	3/4	1,762.60	3/4	1,484.26	3/4	1,205.92	3/4	927.57	3/4	649.31	3/4	371.30	3/4	93.23	3/4			
4	2,035.14	4	1,756.80	4	1,478.46	4	1,200.12	4	921.77	4	643.51	4	365.51	4	87.47	4			
1/4	2,029.35	1/4	1,751.00	1/4	1,472.66	1/4	1,194.32	1/4	915.98	1/4	637.72	1/4	359.72	1/4	81.71	1/4			
1/2	2,023.55	1/2	1,745.20	1/2	1,466.86	1/2	1,188.52	1/2	910.18	1/2	631.92	1/2	353.93	1/2	75.98	1/2			
3/4	2,017.75	3/4	1,739.41	3/4	1,461.06	3/4	1,182.72	3/4	904.38	3/4	626.12	3/4	348.13	3/4	70.25	3/4			
5	2,011.95	5	1,733.61	5	1,455.26	5	1,176.92	5	898.58	5	620.33	5	342.34	5	64.53	5			
1/4	2,006.15	1/4	1,727.81	1/4	1,449.47	1/4	1,171.12	1/4	892.78	1/4	614.53	1/4	336.55	1/4	58.80	1/4			
1/2	2,000.35	1/2	1,722.01	1/2	1,443.67	1/2	1,165.32	1/2	886.98	1/2	608.74	1/2	330.75	1/2	53.58	1/2			
3/4	1,994.55	3/4	1,716.21	3/4	1,437.87	3/4	1,159.53	3/4	881.18	3/4	602.94	3/4	324.95	3/4	48.37	3/4			
6	1,988.75	6	1,710.41	6	1,432.07	6	1,153.73	6	875.38	6	597.14	6	319.15	6	43.16	6			
1/4	1,982.95	1/4	1,704.61	1/4	1,426.27	1/4	1,147.93	1/4	869.59	1/4	591.35	1/4	313.35	1/4	37.94	1/4			
1/2	1,977.16	1/2	1,698.81	1/2	1,420.47	1/2	1,142.13	1/2	863.79	1/2	585.55	1/2	307.55	1/2	33.88	1/2			
3/4	1,971.36	3/4	1,693.01	3/4	1,414.67	3/4	1,136.33	3/4	857.99	3/4	579.75	3/4	301.75	3/4	29.83	3/4			
7	1,965.56	7	1,687.22	7	1,408.87	7	1,130.53	7	852.19	7	573.96	7	295.96	7	25.77	7			
1/4	1,959.76	1/4	1,681.42	1/4	1,403.07	1/4	1,124.73	1/4	846.39	1/4	568.16	1/4	290.16	1/4	21.71	1/4			
1/2	1,953.96	1/2	1,675.62	1/2	1,397.28	1/2	1,118.93	1/2	840.59	1/2	562.37	1/2	284.36	1/2		1/2			
3/4	1,948.16	3/4	1,669.82	3/4	1,391.48	3/4	1,113.13	3/4	834.79	3/4	556.57	3/4	278.56	3/4		3/4			
8	1,942.36	8	1,664.02	8	1,385.68	8	1,107.34	8	828.99	8	550.77	8	272.76	8		8			
1/4	1,936.56	1/4	1,658.22	1/4	1,379.88	1/4	1,101.54	1/4	823.19	1/4	544.98	1/4	266.96	1/4		1/4			
1/2	1,930.77	1/2	1,652.42	1/2	1,374.08	1/2	1,095.74	1/2	817.40	1/2	539.18	1/2	261.16	1/2		1/2			
3/4	1,924.97	3/4	1,646.62	3/4	1,368.28	3/4	1,089.94	3/4	811.60	3/4	533.39	3/4	255.37	3/4		3/4			
9	1,919.17	9	1,640.83	9	1,362.48	9	1,084.14	9	805.81	9	527.60	9	249.57	9		9			
1/4	1,913.37	1/4	1,635.03	1/4	1,356.68	1/4	1,078.34	1/4	800.01	1/4	521.81	1/4	243.77	1/4		1/4			
1/2	1,907.57	1/2	1,629.23	1/2	1,350.89	1/2	1,072.54	1/2	794.21	1/2	516.02	1/2	237.97	1/2		1/2			
3/4	1,901.77	3/4	1,623.43	3/4	1,345.09	3/4	1,066.74	3/4	788.42	3/4	510.23	3/4	232.17	3/4		3/4			
10	1,895.97	10	1,617.63	10	1,339.29	10	1,060.95	10	782.62	10	504.44	10	226.37	10		10			
1/4	1,890.17	1/4	1,611.83	1/4	1,333.49	1/4	1,055.15	1/4	776.83	1/4	498.65	1/4	220.57	1/4		1/4			
1/2	1,884.38	1/2	1,606.03	1/2	1,327.69	1/2	1,049.35	1/2	771.03	1/2	492.86	1/2	214.78	1/2		1/2			
3/4	1,878.58	3/4	1,600.23	3/4	1,321.89	3/4	1,043.55	3/4	765.23	3/4	487.07	3/4	208.98	3/4		3/4			
11	1,872.78	11	1,594.44	11	1,316.09	11	1,037.75	11	759.44	11	481.28	11	203.18	11		11			
1/4	1,866.98	1/4	1,588.64	1/4	1,310.29	1/4	1,031.95	1/4	753.64	1/4	475.50	1/4	197.38	1/4		1/4			
1/2	1,861.18	1/2	1,582.84	1/2	1,304.50	1/2	1,026.15	1/2	747.84	1/2	469.71	1/2	191.58	1/2		1/2			
3/4	1,855.38	3/4	1,577.04	3/4	1,298.70	3/4	1,020.35	3/4	742.05	3/4	463.92	3/4	185.78	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/26/2010 CL - SW
CALCULATED: 01/27/2010 CL
PRINTED: 01/27/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2010

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



BARGE "WEB 322"

3 STBD ULLAGE TABLE

GAUGE HEIGHT 17'-07 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	0	0	0	0	3,775.78	0	3,500.25	0	3,223.45	0	2,946.20	0	2,668.96	0	2,391.67	0	2,391.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,770.04	1/4	3,494.51	1/4	3,217.68	1/4	2,940.43	1/4	2,663.18	1/4	2,385.90	1/4	2,385.90
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,027.31	1/2	3,764.30	1/2	3,488.77	1/2	3,211.90	1/2	2,934.65	1/2	2,657.40	1/2	2,380.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,023.58	3/4	3,758.55	3/4	3,483.03	3/4	3,206.12	3/4	2,928.88	3/4	2,651.63	3/4	2,374.34
1	1	1	1	1	1	1	4,019.85	1	3,752.81	1	3,477.29	1	3,200.35	1	2,923.10	1	2,645.85	1	2,368.56
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,016.12	1/4	3,747.07	1/4	3,471.56	1/4	3,194.57	1/4	2,917.32	1/4	2,640.08	1/4	2,362.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,012.39	1/2	3,741.33	1/2	3,465.82	1/2	3,188.80	1/2	2,911.55	1/2	2,634.30	1/2	2,357.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,007.65	3/4	3,735.59	3/4	3,460.08	3/4	3,183.02	3/4	2,905.77	3/4	2,628.52	3/4	2,351.23
2	2	2	2	2	2	2	4,002.92	2	3,729.85	2	3,454.34	2	3,177.24	2	2,900.00	2	2,622.75	2	2,345.45
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,998.18	1/4	3,724.11	1/4	3,448.60	1/4	3,171.47	1/4	2,894.22	1/4	2,616.97	1/4	2,339.68
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,993.45	1/2	3,718.37	1/2	3,442.86	1/2	3,165.69	1/2	2,888.44	1/2	2,611.20	1/2	2,333.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,987.83	3/4	3,712.63	3/4	3,437.10	3/4	3,159.92	3/4	2,882.67	3/4	2,605.42	3/4	2,328.12
3	3	3	3	3	3	3	3,982.21	3	3,706.89	3	3,431.35	3	3,154.14	3	2,876.89	3	2,599.64	3	2,322.34
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,976.58	1/4	3,701.15	1/4	3,425.59	1/4	3,148.36	1/4	2,871.12	1/4	2,593.87	1/4	2,316.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,970.96	1/2	3,695.41	1/2	3,419.84	1/2	3,142.59	1/2	2,865.34	1/2	2,588.09	1/2	2,310.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,965.22	3/4	3,689.67	3/4	3,414.06	3/4	3,136.81	3/4	2,859.56	3/4	2,582.32	3/4	2,305.01
4	4	4	4	4	4	4	3,959.48	4	3,683.92	4	3,408.28	4	3,131.04	4	2,853.79	4	2,576.54	4	2,299.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,953.74	1/4	3,678.18	1/4	3,402.51	1/4	3,125.26	1/4	2,848.01	1/4	2,570.76	1/4	2,293.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,948.00	1/2	3,672.44	1/2	3,396.73	1/2	3,119.48	1/2	2,842.24	1/2	2,564.99	1/2	2,287.68
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,942.26	3/4	3,666.70	3/4	3,390.96	3/4	3,113.71	3/4	2,836.46	3/4	2,559.21	3/4	2,281.90
5	5	5	5	5	5	5	3,936.52	5	3,660.96	5	3,385.18	5	3,107.93	5	2,830.68	5	2,553.44	5	2,276.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,930.78	1/4	3,655.22	1/4	3,379.40	1/4	3,102.16	1/4	2,824.91	1/4	2,547.66	1/4	2,270.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,925.04	1/2	3,649.48	1/2	3,373.63	1/2	3,096.38	1/2	2,819.13	1/2	2,541.88	1/2	2,264.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,919.30	3/4	3,643.74	3/4	3,367.85	3/4	3,090.60	3/4	2,813.36	3/4	2,536.11	3/4	2,258.79
6	6	6	6	6	6	6	3,913.56	6	3,638.00	6	3,362.08	6	3,084.83	6	2,807.58	6	2,530.33	6	2,253.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,907.82	1/4	3,632.26	1/4	3,356.30	1/4	3,079.05	1/4	2,801.80	1/4	2,524.56	1/4	2,247.24
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,902.07	1/2	3,626.52	1/2	3,350.52	1/2	3,073.28	1/2	2,796.03	1/2	2,518.78	1/2	2,241.46
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,896.33	3/4	3,620.78	3/4	3,344.75	3/4	3,067.50	3/4	2,790.25	3/4	2,513.00	3/4	2,235.68
7	7	7	7	7	7	7	3,890.59	7	3,615.04	7	3,338.97	7	3,061.72	7	2,784.48	7	2,507.22	7	2,229.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,884.85	1/4	3,609.30	1/4	3,333.20	1/4	3,055.95	1/4	2,778.70	1/4	2,501.45	1/4	2,224.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,879.11	1/2	3,603.56	1/2	3,327.42	1/2	3,050.17	1/2	2,772.92	1/2	2,495.67	1/2	2,218.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,873.37	3/4	3,597.82	3/4	3,321.64	3/4	3,044.40	3/4	2,767.15	3/4	2,489.89	3/4	2,212.57
8	8	8	8	8	8	8	3,867.63	8	3,592.08	8	3,315.87	8	3,038.62	8	2,761.37	8	2,484.11	8	2,206.79
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,861.89	1/4	3,586.34	1/4	3,310.09	1/4	3,032.84	1/4	2,755.60	1/4	2,478.34	1/4	2,201.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,856.15	1/2	3,580.60	1/2	3,304.32	1/2	3,027.07	1/2	2,749.82	1/2	2,472.56	1/2	2,195.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,850.41	3/4	3,574.86	3/4	3,298.54	3/4	3,021.29	3/4	2,744.04	3/4	2,466.78	3/4	2,189.46
9	9	9	9	9	9	9	3,844.67	9	3,569.12	9	3,292.76	9	3,015.52	9	2,738.27	9	2,461.00	9	2,183.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,838.93	1/4	3,563.38	1/4	3,286.99	1/4	3,009.74	1/4	2,732.49	1/4	2,455.23	1/4	2,177.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,833.19	1/2	3,557.64	1/2	3,281.21	1/2	3,003.96	1/2	2,726.72	1/2	2,449.45	1/2	2,172.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,827.44	3/4	3,551.91	3/4	3,275.44	3/4	2,998.19	3/4	2,720.94	3/4	2,443.67	3/4	2,166.35
10	10	10	10	10	10	10	3,821.70	10	3,546.17	10	3,269.66	10	2,992.41	10	2,715.16	10	2,437.89	10	2,160.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,815.96	1/4	3,540.43	1/4	3,263.88	1/4	2,986.64	1/4	2,709.39	1/4	2,432.12	1/4	2,154.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,810.22	1/2	3,534.69	1/2	3,258.11	1/2	2,980.86	1/2	2,703.61	1/2	2,426.34	1/2	2,149.02
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,804.48	3/4	3,528.95	3/4	3,252.33	3/4	2,975.08	3/4	2,697.84	3/4	2,420.56	3/4	2,143.24
11	11	11	11	11	11	11	3,798.74	11	3,523.21	11	3,246.56	11	2,969.31	11	2,692.06	11	2,414.78	11	2,137.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,793.00	1/4	3,517.47	1/4	3,240.78	1/4	2,963.53	1/4	2,686.28	1/4	2,409.01	1/4	2,131.69
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,787.26	1/2	3,511.73	1/2	3,235.00	1/2	2,957.76	1/2	2,680.51	1/2	2,403.23	1/2	2,125.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,781.52	3/4	3,505.99	3/4	3,229.23	3/4	2,951.98	3/4	2,674.73	3/4	2,397.45	3/4	2,120.13

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 11'-10" OFF CENTERLINE AND 33'-00" FORWARD OF AFT BULKHEAD.

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



BARGE "WEB 322"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-07 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	2,114.35	0	1,837.03	0	1,559.71	0	1,282.39	0	1,005.07	0	732.60	0	462.22	0	185.10	0			
1/4	2,108.58	1/4	1,831.26	1/4	1,553.94	1/4	1,276.62	1/4	999.30	1/4	727.06	1/4	456.45	1/4	179.33	1/4			
1/2	2,102.80	1/2	1,825.48	1/2	1,548.16	1/2	1,270.84	1/2	993.52	1/2	721.53	1/2	450.68	1/2	173.55	1/2			
3/4	2,097.02	3/4	1,819.70	3/4	1,542.38	3/4	1,265.06	3/4	987.74	3/4	715.99	3/4	444.91	3/4	167.77	3/4			
1	2,091.24	1	1,813.92	1	1,536.60	1	1,259.28	1	981.96	1	710.46	1	439.15	1	162.00	1			
1/4	2,085.47	1/4	1,808.15	1/4	1,530.83	1/4	1,253.51	1/4	976.19	1/4	704.92	1/4	433.38	1/4	156.23	1/4			
1/2	2,079.69	1/2	1,802.37	1/2	1,525.05	1/2	1,247.73	1/2	970.41	1/2	699.39	1/2	427.61	1/2	150.45	1/2			
3/4	2,073.91	3/4	1,796.59	3/4	1,519.27	3/4	1,241.95	3/4	964.63	3/4	693.85	3/4	421.84	3/4	144.69	3/4			
2	2,068.13	2	1,790.81	2	1,513.49	2	1,236.17	2	958.85	2	688.32	2	416.08	2	138.92	2			
1/4	2,062.36	1/4	1,785.04	1/4	1,507.72	1/4	1,230.40	1/4	953.08	1/4	682.78	1/4	410.31	1/4	133.15	1/4			
1/2	2,056.58	1/2	1,779.26	1/2	1,501.94	1/2	1,224.62	1/2	947.30	1/2	677.25	1/2	404.54	1/2	127.39	1/2			
3/4	2,050.80	3/4	1,773.48	3/4	1,496.16	3/4	1,218.84	3/4	941.52	3/4	671.71	3/4	398.77	3/4	121.63	3/4			
3	2,045.02	3	1,767.70	3	1,490.38	3	1,213.06	3	935.74	3	666.18	3	393.01	3	115.87	3			
1/4	2,039.25	1/4	1,761.93	1/4	1,484.61	1/4	1,207.29	1/4	929.97	1/4	660.65	1/4	387.24	1/4	110.12	1/4			
1/2	2,033.47	1/2	1,756.15	1/2	1,478.83	1/2	1,201.51	1/2	924.19	1/2	655.11	1/2	381.47	1/2	104.36	1/2			
3/4	2,027.69	3/4	1,750.37	3/4	1,473.05	3/4	1,195.73	3/4	918.41	3/4	649.58	3/4	375.70	3/4	98.63	3/4			
4	2,021.91	4	1,744.59	4	1,467.27	4	1,189.95	4	912.63	4	644.04	4	369.94	4	92.89	4			
1/4	2,016.14	1/4	1,738.82	1/4	1,461.50	1/4	1,184.18	1/4	906.86	1/4	638.51	1/4	364.17	1/4	87.15	1/4			
1/2	2,010.36	1/2	1,733.04	1/2	1,455.72	1/2	1,178.40	1/2	901.08	1/2	632.97	1/2	358.40	1/2	81.41	1/2			
3/4	2,004.58	3/4	1,727.26	3/4	1,449.94	3/4	1,172.62	3/4	895.30	3/4	627.44	3/4	352.63	3/4	75.71	3/4			
5	1,998.80	5	1,721.48	5	1,444.16	5	1,166.84	5	889.52	5	621.90	5	346.86	5	70.00	5			
1/4	1,993.03	1/4	1,715.71	1/4	1,438.39	1/4	1,161.07	1/4	883.75	1/4	616.37	1/4	341.08	1/4	64.29	1/4			
1/2	1,987.25	1/2	1,709.93	1/2	1,432.61	1/2	1,155.29	1/2	877.97	1/2	610.83	1/2	335.31	1/2	58.59	1/2			
3/4	1,981.47	3/4	1,704.15	3/4	1,426.83	3/4	1,149.51	3/4	872.19	3/4	605.30	3/4	329.53	3/4	53.39	3/4			
6	1,975.69	6	1,698.37	6	1,421.05	6	1,143.73	6	866.41	6	599.76	6	323.76	6	48.20	6			
1/4	1,969.92	1/4	1,692.60	1/4	1,415.28	1/4	1,137.96	1/4	860.64	1/4	594.23	1/4	317.98	1/4	43.00	1/4			
1/2	1,964.14	1/2	1,686.82	1/2	1,409.50	1/2	1,132.18	1/2	854.86	1/2	588.69	1/2	312.20	1/2	37.81	1/2			
3/4	1,958.36	3/4	1,681.04	3/4	1,403.72	3/4	1,126.40	3/4	849.20	3/4	583.04	3/4	306.42	3/4	33.76	3/4			
7	1,952.58	7	1,675.26	7	1,397.94	7	1,120.62	7	843.55	7	577.38	7	300.65	7	29.72	7			
1/4	1,946.81	1/4	1,669.49	1/4	1,392.17	1/4	1,114.85	1/4	837.89	1/4	571.73	1/4	294.87	1/4	25.68	1/4			
1/2	1,941.03	1/2	1,663.71	1/2	1,386.39	1/2	1,109.07	1/2	832.23	1/2	566.08	1/2	289.09	1/2	21.63	1/2			
3/4	1,935.25	3/4	1,657.93	3/4	1,380.61	3/4	1,103.29	3/4	826.69	3/4	560.30	3/4	283.32	3/4		3/4			
8	1,929.47	8	1,652.15	8	1,374.83	8	1,097.51	8	821.16	8	554.53	8	277.54	8		8			
1/4	1,923.70	1/4	1,646.38	1/4	1,369.06	1/4	1,091.74	1/4	815.62	1/4	548.75	1/4	271.76	1/4		1/4			
1/2	1,917.92	1/2	1,640.60	1/2	1,363.28	1/2	1,085.96	1/2	810.08	1/2	542.98	1/2	265.98	1/2		1/2			
3/4	1,912.14	3/4	1,634.82	3/4	1,357.50	3/4	1,080.18	3/4	804.55	3/4	537.20	3/4	260.21	3/4		3/4			
9	1,906.36	9	1,629.04	9	1,351.72	9	1,074.40	9	799.01	9	531.43	9	254.43	9		9			
1/4	1,900.59	1/4	1,623.27	1/4	1,345.95	1/4	1,068.63	1/4	793.48	1/4	525.66	1/4	248.65	1/4		1/4			
1/2	1,894.81	1/2	1,617.49	1/2	1,340.17	1/2	1,062.85	1/2	787.94	1/2	519.89	1/2	242.87	1/2		1/2			
3/4	1,889.03	3/4	1,611.71	3/4	1,334.39	3/4	1,057.07	3/4	782.41	3/4	514.12	3/4	237.10	3/4		3/4			
10	1,883.25	10	1,605.93	10	1,328.61	10	1,051.29	10	776.87	10	508.36	10	231.32	10		10			
1/4	1,877.48	1/4	1,600.16	1/4	1,322.84	1/4	1,045.52	1/4	771.34	1/4	502.59	1/4	225.54	1/4		1/4			
1/2	1,871.70	1/2	1,594.38	1/2	1,317.06	1/2	1,039.74	1/2	765.80	1/2	496.82	1/2	219.77	1/2		1/2			
3/4	1,865.92	3/4	1,588.60	3/4	1,311.28	3/4	1,033.96	3/4	760.27	3/4	491.05	3/4	213.99	3/4		3/4			
11	1,860.14	11	1,582.82	11	1,305.50	11	1,028.18	11	754.73	11	485.29	11	208.21	11		11			
1/4	1,854.37	1/4	1,577.05	1/4	1,299.73	1/4	1,022.41	1/4	749.20	1/4	479.52	1/4	202.43	1/4		1/4			
1/2	1,848.59	1/2	1,571.27	1/2	1,293.95	1/2	1,016.63	1/2	743.67	1/2	473.75	1/2	196.66	1/2		1/2			
3/4	1,842.81	3/4	1,565.49	3/4	1,288.17	3/4	1,010.85	3/4	738.13	3/4	467.98	3/4	190.88	3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/26/2010 CL - SW
CALCULATED: 01/27/2010 CL
PRINTED: 01/27/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2010

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



BARGE "WEB 322"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-11 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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 ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 3'-03" OFF CENTERLINE AND 39'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
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BARGE "WEB 322"

4 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-11 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	3,975.01	0	3,469.95	0	2,964.89	0	2,459.83	0	1,954.77	0	1,450.12	0	946.68	0	441.64	0			
1/4	3,964.49	1/4	3,459.43	1/4	2,954.37	1/4	2,449.31	1/4	1,944.25	1/4	1,439.64	1/4	936.16	1/4	431.12	1/4			
1/2	3,953.97	1/2	3,448.91	1/2	2,943.85	1/2	2,438.79	1/2	1,933.73	1/2	1,429.16	1/2	925.64	1/2	420.59	1/2			
3/4	3,943.45	3/4	3,438.39	3/4	2,933.33	3/4	2,428.27	3/4	1,923.20	3/4	1,418.68	3/4	915.11	3/4	410.07	3/4			
1	3,932.93	1	3,427.87	1	2,922.80	1	2,417.74	1	1,912.68	1	1,408.20	1	904.59	1	399.55	1			
1/4	3,922.40	1/4	3,417.34	1/4	2,912.28	1/4	2,407.22	1/4	1,902.16	1/4	1,397.72	1/4	894.07	1/4	389.03	1/4			
1/2	3,911.88	1/2	3,406.82	1/2	2,901.76	1/2	2,396.70	1/2	1,891.64	1/2	1,387.24	1/2	883.55	1/2	378.51	1/2			
3/4	3,901.36	3/4	3,396.30	3/4	2,891.24	3/4	2,386.18	3/4	1,881.12	3/4	1,376.76	3/4	873.03	3/4	367.99	3/4			
2	3,890.84	2	3,385.78	2	2,880.72	2	2,375.66	2	1,870.59	2	1,366.28	2	862.51	2	357.46	2			
1/4	3,880.32	1/4	3,375.25	1/4	2,870.19	1/4	2,365.13	1/4	1,860.07	1/4	1,355.80	1/4	851.98	1/4	346.94	1/4			
1/2	3,869.79	1/2	3,364.73	1/2	2,859.67	1/2	2,354.61	1/2	1,849.55	1/2	1,345.32	1/2	841.46	1/2	336.42	1/2			
3/4	3,859.27	3/4	3,354.21	3/4	2,849.15	3/4	2,344.09	3/4	1,839.03	3/4	1,334.84	3/4	830.94	3/4	325.90	3/4			
3	3,848.75	3	3,343.69	3	2,838.63	3	2,333.57	3	1,828.51	3	1,324.36	3	820.42	3	315.38	3			
1/4	3,838.23	1/4	3,333.17	1/4	2,828.11	1/4	2,323.04	1/4	1,817.98	1/4	1,313.88	1/4	809.90	1/4	304.87	1/4			
1/2	3,827.70	1/2	3,322.64	1/2	2,817.58	1/2	2,312.52	1/2	1,807.46	1/2	1,303.40	1/2	799.38	1/2	294.35	1/2			
3/4	3,817.18	3/4	3,312.12	3/4	2,807.06	3/4	2,302.00	3/4	1,796.94	3/4	1,292.92	3/4	788.85	3/4	283.83	3/4			
4	3,806.66	4	3,301.60	4	2,796.54	4	2,291.48	4	1,786.42	4	1,282.44	4	778.33	4	273.33	4			
1/4	3,796.14	1/4	3,291.08	1/4	2,786.02	1/4	2,280.96	1/4	1,775.90	1/4	1,271.96	1/4	767.81	1/4	262.82	1/4			
1/2	3,785.62	1/2	3,280.56	1/2	2,775.49	1/2	2,270.43	1/2	1,765.37	1/2	1,261.48	1/2	757.29	1/2	252.32	1/2			
3/4	3,775.09	3/4	3,270.03	3/4	2,764.97	3/4	2,259.91	3/4	1,754.85	3/4	1,251.00	3/4	746.77	3/4	241.81	3/4			
5	3,764.57	5	3,259.51	5	2,754.45	5	2,249.39	5	1,744.33	5	1,240.52	5	736.25	5	231.32	5			
1/4	3,754.05	1/4	3,248.99	1/4	2,743.93	1/4	2,238.87	1/4	1,733.81	1/4	1,230.04	1/4	725.72	1/4	220.84	1/4			
1/2	3,743.53	1/2	3,238.47	1/2	2,733.41	1/2	2,228.35	1/2	1,723.28	1/2	1,219.56	1/2	715.20	1/2	210.35	1/2			
3/4	3,733.01	3/4	3,227.95	3/4	2,722.88	3/4	2,217.82	3/4	1,712.76	3/4	1,209.09	3/4	704.68	3/4	199.86	3/4			
6	3,722.48	6	3,217.42	6	2,712.36	6	2,207.30	6	1,702.24	6	1,198.61	6	694.16	6	189.40	6			
1/4	3,711.96	1/4	3,206.90	1/4	2,701.84	1/4	2,196.78	1/4	1,691.72	1/4	1,188.13	1/4	683.64	1/4	178.94	1/4			
1/2	3,701.44	1/2	3,196.38	1/2	2,691.32	1/2	2,186.26	1/2	1,681.20	1/2	1,177.65	1/2	673.11	1/2	168.49	1/2			
3/4	3,690.92	3/4	3,185.86	3/4	2,680.80	3/4	2,175.74	3/4	1,670.67	3/4	1,167.17	3/4	662.59	3/4	158.03	3/4			
7	3,680.40	7	3,175.33	7	2,670.27	7	2,165.21	7	1,660.15	7	1,156.69	7	652.07	7	147.62	7			
1/4	3,669.87	1/4	3,164.81	1/4	2,659.75	1/4	2,154.69	1/4	1,649.63	1/4	1,146.21	1/4	641.55	1/4	137.21	1/4			
1/2	3,659.35	1/2	3,154.29	1/2	2,649.23	1/2	2,144.17	1/2	1,639.11	1/2	1,135.73	1/2	631.03	1/2	126.80	1/2			
3/4	3,648.83	3/4	3,143.77	3/4	2,638.71	3/4	2,133.65	3/4	1,628.59	3/4	1,125.25	3/4	620.51	3/4	116.39	3/4			
8	3,638.31	8	3,133.25	8	2,628.19	8	2,123.12	8	1,618.06	8	1,114.77	8	609.98	8	106.70	8			
1/4	3,627.78	1/4	3,122.72	1/4	2,617.66	1/4	2,112.60	1/4	1,607.54	1/4	1,104.29	1/4	599.46	1/4	97.01	1/4			
1/2	3,617.26	1/2	3,112.20	1/2	2,607.14	1/2	2,102.08	1/2	1,597.02	1/2	1,093.81	1/2	588.94	1/2	87.31	1/2			
3/4	3,606.74	3/4	3,101.68	3/4	2,596.62	3/4	2,091.56	3/4	1,586.50	3/4	1,083.33	3/4	578.42	3/4	77.62	3/4			
9	3,596.22	9	3,091.16	9	2,586.10	9	2,081.04	9	1,575.99	9	1,072.83	9	567.90	9	69.73	9			
1/4	3,585.70	1/4	3,080.64	1/4	2,575.57	1/4	2,070.51	1/4	1,565.48	1/4	1,062.34	1/4	557.38	1/4	61.84	1/4			
1/2	3,575.17	1/2	3,070.11	1/2	2,565.05	1/2	2,059.99	1/2	1,554.98	1/2	1,051.84	1/2	546.85	1/2	53.95	1/2			
3/4	3,564.65	3/4	3,059.59	3/4	2,554.53	3/4	2,049.47	3/4	1,544.47	3/4	1,041.35	3/4	536.33	3/4	46.06	3/4			
10	3,554.13	10	3,049.07	10	2,544.01	10	2,038.95	10	1,533.98	10	1,030.83	10	525.81	10	40.27	10			
1/4	3,543.61	1/4	3,038.55	1/4	2,533.49	1/4	2,028.43	1/4	1,523.49	1/4	1,020.32	1/4	515.29	1/4	34.49	1/4			
1/2	3,533.09	1/2	3,028.03	1/2	2,522.96	1/2	2,017.90	1/2	1,513.01	1/2	1,009.80	1/2	504.77	1/2	28.70	1/2			
3/4	3,522.56	3/4	3,017.50	3/4	2,512.44	3/4	2,007.38	3/4	1,502.52	3/4	999.29	3/4	494.25	3/4	22.91	3/4			
11	3,512.04	11	3,006.98	11	2,501.92	11	1,996.86	11	1,492.04	11	988.77	11	483.72	11	19.23	11			
1/4	3,501.52	1/4	2,996.46	1/4	2,491.40	1/4	1,986.34	1/4	1,481.56	1/4	978.24	1/4	473.20	1/4	15.55	1/4			
1/2	3,491.00	1/2	2,985.94	1/2	2,480.88	1/2	1,975.82	1/2	1,471.08	1/2	967.72	1/2	462.68	1/2	11.87	1/2			
3/4	3,480.48	3/4	2,975.41	3/4	2,470.35	3/4	1,965.29	3/4	1,460.60	3/4	957.20	3/4	452.16	3/4	8.19	3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/26/2010 CL - SW
CALCULATED: 01/27/2010 CL
PRINTED: 01/27/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2010

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77688
<http://www.pmacorp.net>



BARGE "WEB 322"

SLOP TANK INNAGE TABLE PORT

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-04 7/8"

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	1,050	0	2,100	0	3,150	0	0	0	0	0	0	0	0	0	0	0	0
1/4	22	1/4	1,072	1/4	2,122	1/4	3,172	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44	1/2	1,094	1/2	2,144	1/2	3,194	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66	3/4	1,116	3/4	2,166	3/4	3,216	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	88	1	1,138	1	2,188	1	3,238	1	1	1	1	1	1	1	1	1	1	1	1
1 1/4	109	1 1/4	1,159	1 1/4	2,209	1 1/4	3,259	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	131	1 1/2	1,181	1 1/2	2,231	1 1/2	3,281	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	153	1 3/4	1,203	1 3/4	2,253	1 3/4	3,303	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	175	2	1,225	2	2,275	2	3,325	2	2	2	2	2	2	2	2	2	2	2	2
2 1/4	197	2 1/4	1,247	2 1/4	2,297	2 1/4	3,347	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	219	2 1/2	1,269	2 1/2	2,319	2 1/2	3,369	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	241	2 3/4	1,291	2 3/4	2,341	2 3/4	3,391	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	263	3	1,313	3	2,363	3	3,413	3	3	3	3	3	3	3	3	3	3	3	3
3 1/4	285	3 1/4	1,334	3 1/4	2,384	3 1/4	3,434	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	307	3 1/2	1,356	3 1/2	2,406	3 1/2	3,456	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	328	3 3/4	1,378	3 3/4	2,428	3 3/4	3,478	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	350	4	1,400	4	2,450	4	3,500	4	4	4	4	4	4	4	4	4	4	4	4
4 1/4	372	4 1/4	1,422	4 1/4	2,472	4 1/4	3,522	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	394	4 1/2	1,444	4 1/2	2,494	4 1/2	3,544	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	416	4 3/4	1,466	4 3/4	2,516	4 3/4	3,566	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	438	5	1,488	5	2,538	5	3,588	5	5	5	5	5	5	5	5	5	5	5	5
5 1/4	460	5 1/4	1,509	5 1/4	2,559	5 1/4	3,609	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	482	5 1/2	1,531	5 1/2	2,581	5 1/2	3,631	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	503	5 3/4	1,553	5 3/4	2,603	5 3/4	3,652	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	525	6	1,575	6	2,625	6	3,674	6	6	6	6	6	6	6	6	6	6	6	6
6 1/4	547	6 1/4	1,597	6 1/4	2,647	6 1/4	3,695	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	569	6 1/2	1,619	6 1/2	2,669	6 1/2	3,717	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	591	6 3/4	1,641	6 3/4	2,691	6 3/4	3,739	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	613	7	1,663	7	2,713	7	3,760	7	7	7	7	7	7	7	7	7	7	7	7
7 1/4	635	7 1/4	1,684	7 1/4	2,734	7 1/4	3,782	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	657	7 1/2	1,706	7 1/2	2,756	7 1/2	3,803	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	678	7 3/4	1,728	7 3/4	2,778	7 3/4	3,825	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	700	8	1,750	8	2,800	8	3,846	8	8	8	8	8	8	8	8	8	8	8	8
8 1/4	722	8 1/4	1,772	8 1/4	2,822	8 1/4	3,868	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	744	8 1/2	1,794	8 1/2	2,844	8 1/2	3,889	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	766	8 3/4	1,816	8 3/4	2,866	8 3/4	3,911	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	788	9	1,838	9	2,888	9	3,933	9	9	9	9	9	9	9	9	9	9	9	9
9 1/4	810	9 1/4	1,859	9 1/4	2,909	9 1/4	3,954	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	831	9 1/2	1,881	9 1/2	2,931	9 1/2	3,976	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	853	9 3/4	1,903	9 3/4	2,953	9 3/4	3,997	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	875	10	1,925	10	2,975	10	4,019	10	10	10	10	10	10	10	10	10	10	10	10
10 1/4	897	10 1/4	1,947	10 1/4	2,997	10 1/4	4,026	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	919	10 1/2	1,969	10 1/2	3,019	10 1/2	4,033	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	941	10 3/4	1,991	10 3/4	3,041	10 3/4	4,041	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	963	11	2,013	11	3,063	11	4,048	11	11	11	11	11	11	11	11	11	11	11	11
11 1/4	984	11 1/4	2,034	11 1/4	3,084	11 1/4		11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	1,006	11 1/2	2,056	11 1/2	3,106	11 1/2		11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	1,028	11 3/4	2,078	11 3/4	3,128	11 3/4		11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4

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 4" DIAMETER STANDPIPE.

STRAPPED: 01/26/2010 CL - SW
CALCULATED: 01/27/2010 CL
PRINTED: 01/27/2010 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "WEB 322"

SLOP TANK

INNAGE TABLE

STBD

GAUGE HEIGHT 4'-04 7/8"

CAPACITIES GIVEN IN WHOLE GALLONS

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	1,050	0	2,100	0	3,150	0	0	0	0	0	0	0	0	0	0	0	0
1/4	22	1/4	1,072	1/4	2,122	1/4	3,172	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	44	1/2	1,094	1/2	2,144	1/2	3,194	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	66	3/4	1,116	3/4	2,166	3/4	3,216	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	88	1	1,138	1	2,188	1	3,238	1	1	1	1	1	1	1	1	1	1	1	1
1 1/4	109	1 1/4	1,159	1 1/4	2,209	1 1/4	3,259	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	131	1 1/2	1,181	1 1/2	2,231	1 1/2	3,281	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	153	3/4	1,203	3/4	2,253	3/4	3,303	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	175	2	1,225	2	2,275	2	3,325	2	2	2	2	2	2	2	2	2	2	2	2
1 1/4	197	1 1/4	1,247	1 1/4	2,297	1 1/4	3,347	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	219	1 1/2	1,269	1 1/2	2,319	1 1/2	3,369	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	241	3/4	1,291	3/4	2,341	3/4	3,391	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	263	3	1,313	3	2,363	3	3,413	3	3	3	3	3	3	3	3	3	3	3	3
1 1/4	285	1 1/4	1,334	1 1/4	2,384	1 1/4	3,434	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	307	1 1/2	1,356	1 1/2	2,406	1 1/2	3,456	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	328	3/4	1,378	3/4	2,428	3/4	3,478	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	350	4	1,400	4	2,450	4	3,500	4	4	4	4	4	4	4	4	4	4	4	4
1 1/4	372	1 1/4	1,422	1 1/4	2,472	1 1/4	3,522	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	394	1 1/2	1,444	1 1/2	2,494	1 1/2	3,544	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	416	3/4	1,466	3/4	2,516	3/4	3,566	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	438	5	1,488	5	2,538	5	3,588	5	5	5	5	5	5	5	5	5	5	5	5
1 1/4	460	1 1/4	1,509	1 1/4	2,559	1 1/4	3,609	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	482	1 1/2	1,531	1 1/2	2,581	1 1/2	3,631	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	503	3/4	1,553	3/4	2,603	3/4	3,652	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	525	6	1,575	6	2,625	6	3,674	6	6	6	6	6	6	6	6	6	6	6	6
1 1/4	547	1 1/4	1,597	1 1/4	2,647	1 1/4	3,695	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	569	1 1/2	1,619	1 1/2	2,669	1 1/2	3,717	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	591	3/4	1,641	3/4	2,691	3/4	3,739	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	613	7	1,663	7	2,713	7	3,760	7	7	7	7	7	7	7	7	7	7	7	7
1 1/4	635	1 1/4	1,684	1 1/4	2,734	1 1/4	3,782	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	657	1 1/2	1,706	1 1/2	2,756	1 1/2	3,803	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	678	3/4	1,728	3/4	2,778	3/4	3,825	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	700	8	1,750	8	2,800	8	3,846	8	8	8	8	8	8	8	8	8	8	8	8
1 1/4	722	1 1/4	1,772	1 1/4	2,822	1 1/4	3,868	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	744	1 1/2	1,794	1 1/2	2,844	1 1/2	3,889	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	766	3/4	1,816	3/4	2,866	3/4	3,911	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	788	9	1,838	9	2,888	9	3,933	9	9	9	9	9	9	9	9	9	9	9	9
1 1/4	810	1 1/4	1,859	1 1/4	2,909	1 1/4	3,954	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	831	1 1/2	1,881	1 1/2	2,931	1 1/2	3,976	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	853	3/4	1,903	3/4	2,953	3/4	3,997	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	875	10	1,925	10	2,975	10	4,019	10	10	10	10	10	10	10	10	10	10	10	10
1 1/4	897	1 1/4	1,947	1 1/4	2,997	1 1/4	4,026	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	919	1 1/2	1,969	1 1/2	3,019	1 1/2	4,033	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	941	3/4	1,991	3/4	3,041	3/4	4,041	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	963	11	2,013	11	3,063	11	4,048	11	11	11	11	11	11	11	11	11	11	11	11
1 1/4	984	1 1/4	2,034	1 1/4	3,084	1 1/4		1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1,006	1 1/2	2,056	1 1/2	3,106	1 1/2		1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
3/4	1,028	3/4	2,078	3/4	3,128	3/4		3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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 4" DIAMETER STANDPIPE.

STRAPPED: 01/28/2010 CL - SW
 CALCULATED: 01/27/2010 CL
 PRINTED: 01/27/2010 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2010

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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